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MICRO-PHOTO SERVICE
BUREAU
CLEVELAND 3, OHIO

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Air City Potato Chip Co. (See Latin, Harry G.)
Alexander Woolen Company, Chicago, Ill. Woolen piece goods. Serial Nos. 380,982–4; Nov. 3. Class 42.
Allergy Clinic. (See Gatterdam, Eugene A.)
Altman, B., & Co., New York, N. Y. Lingerie for women and misses. Serial No. 382,704; Nov. 3. Class 39.
American Automobile Association, Incorporated, Washington, D. C. Ash trays. Serial No. 382,026; Nov. 3. Class 8.
American Maize-Products Company, New York, N. Y. Corn starch. Serial No. 383,049; Nov. 3. Class 46.
American Tobacco Company, The, New York, N. Y. Cigarettes. Serial No. 383,152; Nov. 3. Class 17.
American Yvette Company, Inc., New York, N. Y. Permanent waving lotions. Serial No. 382,705; Nov. 3. Class 6.
Anchor Packing Company, The, Philadelphia, Pa. Machinery packing. Serial No. 382,032; Nov. 3. Class 35.
Anitra, Inc., New York, N. Y. Coats and suits. Serial No. 381,745; Nov. 3. Class 39.
Austin, Nichols & Co., Inc., Brooklyn, N. Y. Rum. Serial No. 383,423; Nov. 3. Class 49.
Banta, Edwin, doing business as The Tay-Ban Co., Los Angeles, Calif. Liquid treatment for the control of excess fat. Serial No. 382,584; Nov. 3. Class 6.
Beautiful Hair & Beauty Counsel Publishing Co. (See Karp, Joseph H.)
Berriman Brothers, Inc., Tampa, Fla. Cigars. Serial No. 382,818; Nov. 3. Class 17.
Bickel, J. Jay doing business as Master Shaving Cream Co., Minneapolis, Minn. Shaving cream. Serial No. 883,158; Nov. 3. Class 4.
Bliss, Murray J., doing business as Glass-Glow Company, Indianapolis, Ind. Liquid preparation for cleaning and polishing glass and glass surfaces, etc. Serial No. 382,150; Nov. 3. Class 4.
Bloomingdale Bros., Inc., New York, N. Y. Pipes. Serial No. 381,962; Nov. 3. Class 8.
Bloomingdale Bros., Inc., New York, N. Y. Rum. Serial No. 383,344; Nov. 3. Class 49.
Blum, Philip, & Co., Inc., Chicago, Ill. Gin. Serial No. 383,424; Nov. 3. Class 49.
Booster Chemical and Engineering Company. (See Windsor-Lloyd Products, Inc.)
Brauer Bros. Shoe Company, St. Louis, Mo. Women's shoes. Serial No. 382,505; Nov. 3. Class 39.
Brick, Arthur R., doing business as Vita-Glo Company, Crosswicks, N. J. Fruit compound. Serial No. 381,834; Nov. 3. Class 46.
Brooks Packing Co., Inc., Fernandina, Fla. Canned shrimp. Serial No. 379,732; Nov. 3. Class 46.
Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Medicinal preparation. Serial No. 382,375; Nov. 3. Class 6.
Camlax Company, The, Dover, Del., and New York, N. Y. Laxative. Serial Nos. 382,588–9; Nov. 3. Class 6.
Carroll, Joseph P., doing business as Ever There Lab., New York, N. Y. Cosmetics. Serial No. 380,499; Nov. 3. Class 6.
Carson Pirie Scott & Company, Chicago, Ill. Shorts. Serial No. 382,422; Nov. 3. Class 39.
Carson Pirie Scott and Company, Chicago, Ill. Hand traveling bags, ladies' overnight traveling cases, luggage carrying cases, etc. Serial No. 382,423; Nov. 3. Class 3.
Celluloid Corporation, Newark, N. J. Wrapping and packaging material. Serial No. 380,343; Nov. 3. Class 37.
Century Engineering Corporation, Cedar Rapids, Iowa. Oil burners and parts thereof. Serial No. 380,548; Nov. 3. Class 34.
Chicago Mail Order Company, Chicago, Ill. Women's and misses' coats. Serial Nos. 383,469–70; Nov. 3. Class 39.
Chocolat Suchard Societe Anonyme, Neuchatel, Switzerland. Cocoa, chocolate, chocolate candy. Serial No. 377,299; Nov. 3. Class 46.
Christy, Kay. (See Speik, Frederick A.)
Cleveland Heater Company, The, Cleveland, Ohio. Air conditioning apparatus. Serial No. 377,181; Nov. 3. Class 34.
Collins, D. A., Mfg. Co., Inc., Brooklyn, N. Y. Window cleaning preparations. Serial No. 382,658; Nov. 3. Class 4.
Commander-Larabee Milling Company, doing business as The Larabee Flour Mills Company, Kansas City, Mo. Wheat flour. Serial No. 381,662; Nov. 3. Class 46.
Cooper & Cooper, Inc., Brooklyn, N. Y. Razor blades. Serial No. 383,159; Nov. 3. Class 23.
Co-Operative Mfg. Co., San Francisco, Calif. Towels and toweling. Serial No. 382,089; Nov. 3. Class 42.
Costikyan, Kent R., New York, N. Y. Desk pads. Serial No. 381,800; Nov. 3. Class 37.
Curlee Clothing Company, St. Louis, Mo. Men's and boys' suits. Serial No. 383,125; Nov. 3. Class 39.
Curtis 1000 Inc., St. Paul, Minn. Envelopes. Serial No. 379,605; Nov. 3. Class 37.
De Golier, Earle J., doing business as Neverslip Dressing Company, Bradford, Pa. Dressing to be applied to rugs. Serial No. 382,789; Nov. 3. Class 5.
De Raymond. (See Fay, Edward J.)
Dixie Stores, Incorporated, Greenville, S. C. Plain and self rising wheat flour. Serial No. 382,909; Nov. 3. Class 46.
Dornier-Metallbauten G. m. b. H., Friedrichshafen-on-the-Bodensee, Germany. Aeroplanes and structural parts of aeroplanes. Serial Nos. 376,663–6; Nov. 3. Class 19.
Eastern Shore Canning Co., Inc., Machipongo, Va. Canned vegetables and frozen vegetables in cans. Serial No. 382,661; Nov. 3. Class 46.
Eat-A-Nut Products Company. (See George, George D.)
Electro Metallurgical Company, New York, N. Y. Ferro-alloy briquets. Serial No. 383,054; Nov. 3. Class 14.
Elliott Paint & Varnish Company, Chicago, Ill. Ready-mixed paints, paint enamels, and varnishes. Serial No. 382,698; Nov. 3. Class 16.
Elm Mills Corporation, Tilton, N. H. Woolen piece goods. Serial No. 381,759; Nov. 3. Class 42.
Emulsol Corporation, The, Chicago, Ill. Egg products. Serial No. 358,837; Nov. 3. Class 46.
Ephraim, Jerome W., Inc., New York, N. Y. Dentifrices, dental powders, and dental creams, etc. Serial No. 373,443; Nov. 3. Class 6.
Erickson Food Products Co., Minneapolis, Minn. Peanut butter. Serial No. 382,749; Nov. 3. Class 46.
Etablissements Pastival, Société à responsabilité limitée, Paris, France. Preparation for the treatment of nervous diseases, tonics for the nerves, etc. Serial No. 380,142; Nov. 3. Class 6.
Ever There Lab. (See Carroll, Joseph P.)
Farm King Packing Company, Inc., Fredonia, N. Y. Tomato products. Serial No. 369,346; Nov. 3. Class 46.
Faust-Booth Paint Company, St. Louis, Mo. Ready-mixed paints and paint enamels. Serial No. 372,592; Nov. 3. Class 16.
Fay, Edward J., doing business as De Raymond, New York, N. Y. Perfumes, toilet waters, colognes, etc. Serial No. 380,474; Nov. 3. Class 6.
Fish Packers, Inc., San Francisco, Calif. Canned sardines. Serial No. 374,046; Nov. 3. Class 46.
Ford Hopkins Company, doing business as Dr. Richards, Chicago, Ill. Foot powder. Serial No. 382,469; Nov. 3. Class 6.
Forest City Rubber Company, The, Cleveland, Ohio. Absorbent cotton. Serial No. 382,826; Nov. 3. Class 44.
Frankfort Distilleries, Incorporated, Louisville, Ky. Whiskey. Serial No. 383,523; Nov. 3. Class 49.
Gaines, Clarence F., doing business as The Gaines Food Company, Sherburne, N. Y. Dog food. Serial No. 379,839; Nov. 3. Class 46.
Gargle, O., Co., The. (See Ownby, Warren D.)
Gatterdam, Eugene A., doing business as Allergy Clinic, Phoenix, Ariz. Medicinal preparation. Serial No. 378,695; Nov. 3. Class 6
General Cable Corporation, New York, N. Y. Bare and insulated electrical wires and cables. Serial No. 377,681; Nov. 3. Class 21.
General Chemical Company, New York, N. Y. Insecticides, fungicides, and preparations for control of plant pests. Serial No. 380,198; Nov. 3. Class 6.
General Electric Company, Schenectady, N. Y. Electrical wires, cables, and conductors. Serial No. 383,092; Nov. 3. Class 21.
George, George D., doing business as Eat-A-Nut Products Company, Beckley, W. Va. Salted nut meats, salted peanuts, salted cashew nuts, etc. Serial No. 381,360; Nov. 3. Class 46.
Glass-Glow Company. (See Bliss, Murray J.)
Glover, H. Clay, Company, Inc., New York, N. Y. Insecticide. Serial No. 382,092; Nov. 3. Class 6.
Graham, Robert C., doing business as Graham Farms, Washington, Ind. Dog food. Serial No. 381,127; Nov. 3. Class 46.
Grand Union Tea Company, New York, N. Y. Antiseptic preparation. Serial No. 383,013; Nov. 3. Class 6.
Grossman, I., & Son, Inc., New York, N. Y. Women's and misses' coats and suits. Serial No. 382,593; Nov. 3. Class 39.
Growers Supplies, Inc., Harlingen, Tex. Sulphur. Serial No. 382,428; Nov. 3. Class 6.
Harte & Wyle, New York, N. Y. Waterproofed silk fabric. Serial No. 382,429; Nov. 3. Class 50.
Hauelsen, Batist R., Indianapolis, Ind. Machine for determining and indicating the hardness of metallic coatings. Serial No. 381,671; Nov. 3. Class 26.
Hawaiian Pineapple Company, Ltd., Honolulu, Hawaii, and San Francisco, Calif. Canned fruits. Serial No. 383,015; Nov. 3. Class 46.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Henslee, Jr., M., Longview, Tex. Used motor vehicle parts. Serial No. 375,845; Nov. 3. Class 19.
Her Majesty Underwear Co., Philadelphia, Pa. Women's nightgowns. Serial No. 383,130; Nov. 3. Class 39.
Hershkovitz, Frank, & Gottlieb, Inc., New York, N. Y. Fur skins. Serial No. 378,997; Nov. 3. Class 1.
Hickok Manufacturing Company, Inc., Rochester, N. Y. Key chains, money holders, and cuff links, etc. Serial No. 380,991; Nov. 3. Class 28.
Hickok Oil Corporation, Toledo, Ohio. Automobile filling station supplies of liquid and semi-liquid. Serial No. 378,434; Nov. 3. Class 15.
Hodes-Daniel Co., Inc., New York, N. Y. Paper envelopes. Serial No. 382,666; Nov. 3. Class 37.
Hollywood-Maxwell Co., Los Angeles, Calif. Brassières. Serial No. 382,216; Nov. 3. Class 39.
Hollywood Maxwell Co., Los Angeles, Calif. Brassières. Serial Nos. 382,218–20; Nov. 3. Class 39.
I. G. Farbenindustrie Aktiengeselischaft, Frankfort-on-the-Main, Germany. Artificial resin-containing adhesives. Serial No. 382,955; Nov. 3. Class 5.
Ideal Novelty & Toy Company, Long Island City, N. Y. Dolls, costumes for dolls, parts of costumes for dolls, etc. Serial No. 383,357; Nov. 3. Class 22.
Inter-Lox Steel Co. (See Schlicht, Carl R.)
International Harvester Company, Chicago, Ill. Milking machines and parts thereof. Serial No. 383,019–20; Nov. 3. Class 23.
International Looms, Inc., New York, N. Y. Carpets, rugs, and upholstery fabrics. Serial No. 382,796; Nov. 3. Class 42.
International Printing Ink Corporation, New York, N. Y. Coated paper and coated paper board. Serial No. 381,621; Nov. 3. Class 37.
Interstate Cotton Oil Refining Co., Sherman, Tex. Flaked hydrogenated cottonseed oil. Serial No. 377,394; Nov. 3. Class 46.
Isaacs, I. C., & Company, Inc., Baltimore, Md. Breeches, jodhpurs, pants, etc. Serial No. 383,097; Nov. 3. Class 39.
Kantor & Commons, Inc., New York, N. Y. Dresses, blouses, skirts, etc. Serial No. 382,873; Nov. 3. Class 39.
Karp, Joseph H., doing business as Beautiful Hair & Beauty Counsel Publishing Co., New York, N. Y. Magazine. Serial No. 381,033; Nov. 3. Class 38.
Keller-Dorian Paper Co., Inc., New York, N. Y. Metal foils. Serial No. 380,645; Nov. 3. Class 14.
Kelly, Gordon J., Niles, Ohio. Card games. Serial No. 383,212; Nov. 3. Class 22.
Kennedy & Co., Inc., Boston, Mass. Coffee. Serial No. 381,109; Nov. 3. Class 46.
Kuntz, George W., Evansville, Ind. Coffee, tea, spices, etc. Serial No. 382,632; Nov. 3. Class 46.
Laboratories Higia, S. A., Mexico City, Mexico. Medicinal tonic and dietetic vegetable preparation. Serial No. 382,316; Nov. 3. Class 6.
Land O' The Sky Mutual Association, Inc., Waynesville, N. C. Canned vegetables. Serial No. 381,860; Nov. 3. Class 46.
Lange, William L., New York, N. Y. Stringed musical instruments and accessories for same. Serial No. 383,064; Nov. 3. Class 36.
Larabee Flour Mills Company, The. (See Commander-Larabee Milling Company.)
Latin, Harry G., doing business as Air City Potato Chip Co., Dayton, Ohio. Potato chips. Serial No. 381,955; Nov. 3. Class 46.
Laymon, Herman B., doing business as World's Products Company, Spencer, Ind. Shoe laces. Serial No. 382,357; Nov. 3. Class 40.
Lewis Grocer Co., The, Lexington, Indianola and Durant, Miss. Wheat flour, canned tomatoes, spaghetti, etc. Serial No. 376,852; Nov. 3. Class 46.
Lowe, Joe, Corporation, New York, N. Y. Frozen confections. Serial No. 381,037; Nov. 3. Class 46.
Lyndale Distillery Co., Louisville, Ky. Whiskey, rum, gin, etc. Serial No. 383,591; Nov. 3. Class 49.
Maier Brewing Company, Inc., Los Angeles, Calif. Malt, cereal beverage. Serial No. 341,092; Nov. 3. Class 48.
Malls, Irving H., doing business as Veritas Products Co., New York, N. Y. Vaginal diaphragms. Serial No. 383,068; Nov. 3. Class 4.
Marks & Lipman, Inc., New York, N. Y. Women's and misses' suits, coats, and dresses. Serial No. 382,563; Nov. 3. Class 39.
Mason Medicine Co., The, Wesser, N. C. Pellegra medicine. Serial No. 382,434; Nov. 3. Class 6.
Master Shaving Cream Co. (See Bickel, J. Jay.)
Mendelblatt & Goldstein, New York, N. Y. Fur skins, and parts thereof. Serial No. 380,012; Nov. 3. Class 1.
Mennen Company, The, Newark, N. J. Soap. Serial No. 377,189; Nov. 3. Class 4.
Merck & Co. Inc., Rahway, N. J. Chemical compounds. Serial No. 382,984; Nov. 3. Class 6.
Merck & Co. Inc., Rahway, N. J. Chemical compounds. Serial No. 383,099; Nov. 3. Class 6.
Midway Chemical Co., Chicago, Ill. Mops, brooms, dusters, etc. Serial No. 381,232; Nov. 3. Class 29.
Millett, J. C., Co., San Francisco, Calif. Whiskey. Serial No. 383,440; Nov. 3. Class 49.
Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermostatic temperature controls. Serial No. 376,484; Nov. 3. Class 26.
Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic optical pyrometers. Serial No. 383,173; Nov. 3. Class 26.
Moss, Samuel H., Inc., New York, N. Y. Rubber printing stamps. Serial No. 382,958; Nov. 3. Class 37.
Mutual Citrus Products Co., Anabeim, Calif. Concentrates, syrups, flavors, and emulsions for beverage purposes. Serial No. 382,441; Nov. 3. Class 45.
Nation Wide Papers, Inc., Chicago, Ill. Writing paper and duplicating machine paper. Serial No. 371,439; Nov. 3. Class 37.
Neversalip Dressing Company. (See De Goller, Earle J.)
Nichols Copper Company, New York, N. Y. Fungicide. Serial No. 383,177; Nov. 3. Class 6.
Normitol, Incorporated, Norwalk, Conn. Bay rum, mouth washes, perfumes, etc. Serial No. 382,764; Nov. 3. Class 6.
North Carolina Fabrics Corporation, Salisbury, N. C. Dresses. Serial No. 382,959; Nov. 3. Class 39.
Northern Paper Mills, Green Bay, Wis. Toilet (tissue) paper. Serial No. 383,200; Nov. 3. Class 37.
Norwich Pharmacal Company, The, Norwich, N. Y. Product specially prepared for the treatment of minor irritations of the eyes. Serial No. 382,671; Nov. 3. Class 6.
Norwich Pharmacal Company, The, Norwich, N. Y. Liquid analgesic. Serial No. 382,672; Nov. 3. Class 6.
Ohio Brass Company, The, Mansfield, Ohio. Clamps for electrical conductors. Serial No. 382,442; Nov. 3. Class 21.
Oswego Candy Works, Inc., Oswego, N. Y. Candy. Serial No. 383,102; Nov. 3. Class 46.
Ownby, Warren D., doing business as The O. Gargle Co., Tulsa, Okla. Antiseptic gargle and mouth wash. Serial No. 382,392; Nov. 3. Class 6.
Palter De Liso, Inc., New York, N. Y. Ladies' shoes. Serial No. 382,305; Nov. 3. Class 39.
Paper Makers Chemical Corporation, Wilmington, Del. Complex mixture of resins and waxes or wax-like bodies used for a coating for paper and board. Serial No. 380,017; Nov. 3. Class 6.
Parke, Davis & Company, Detroit, Mich. Inhalant. Serial No. 383,222; Nov. 3. Class 6.
Physician Prescribed Cosmetic Laboratories, Inc., Wilmington, Del., and Mount Vernon, N. Y. Cosmetics. Serial No. 382,602; Nov. 3. Class 6.
Pilgrim Electric Corporation, New York, N. Y. Microphones, radio sets, transformers, etc. Serial No. 381,390; Nov. 3. Class 21.
Proctor, Maurice E., doing business as Proctors Products Co., New Haven, Conn. Razor blades. Serial No. 383,783; Nov. 3. Class 23.
Protopapas, D. N., New York, N. Y. Laxative preparation. Serial No. 382,740; Nov. 3. Class 6.
RCA Manufacturing Company, Inc., Camden, N. J. Cathode ray tubes and thermionic tubes. Serial No. 383,103; Nov. 3. Class 21.
Rath Packing Company, The, Waterloo, Iowa. Dry sausage. Serial No. 382,603; Nov. 3. Class 46.
Raulli, Ralph, doing business as Sunland Biscuit Co., Los Angeles, Calif. Crackers. Serial No. 369,715; Nov. 3. Class 46.
Regensburg, E., & Sons, New York, N. Y. Cigars. Serial Nos. 382,929–30; Nov. 3. Class 17.
Republic Pictures Corporation, New York, N. Y. Motion pictures and motion picture films. Serial No. 383,070; Nov. 3. Class 26.
Reynolds Metals Company, Inc., New York, N. Y. Wrapping material. Serial No. 381,949; Nov. 3. Class 37.
Rhodes, M. H., Inc., New York, N. Y. Parking meters, and bell-ringers. Serial No. 379,586; Nov. 3. Class 26.
Richards, Dr. (See Ford Hopkins Company.)
Rutland Brothers, Inc., doing business as Rutland's, St. Petersburg, Fla. Perfume. Serial No. 381,425; Nov. 3. Class 6.
Safety Steering Stabilizer Company, Pittsburgh, Pa. Automobile steering stabilizers. Serial No. 377,023; Nov. 3. Class 19.
Salinas Land Company, Ventura, Calif. Dried vegetables. Serial No. 382,006; Nov. 3. Class 46.
Sandstone, Harvey D., Portland, Oreg. Electro-therapeutic massage devices. Serial No. 380,672; Nov. 3. Class 44.
Schlamp, Fred. J., Queens, Long Island, N. Y. Coffee and tea. Serial No. 382,772; Nov. 3. Class 46.
Schlicht, Carl R., doing business as Inter-Lox Steel Co., La Crosse, Wis. Preformed sheets of metal. Serial No. 383,071; Nov. 3. Class 12.
Schnefel Bros. Corporation, Newark, N. J. Beautifier for use on nails and cuticles. Serial No. 382,726; Nov. 3. Class 6.
Scovill Manufacturing Company, Waterbury, Conn. Flash lights. Serial No. 383,182; Nov. 3. Class 21.
Security Products Company, Los Angeles, Calif. Telephone index. Serial No. 381,731; Nov. 3. Class 37.

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[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Servel, Inc., New York, N. Y. Air conditioning apparatus. Serial No. 363,067; Nov. 3. Class 34.
Shane, C. B., Corporation, Chicago, Ill. Overcoats and topcoats. Serial No. 383,327; Nov. 3. Class 39.
Sharon Store Company, The, doing business as "Yvonne Laru", Sharon, Pa. All purpose cream, all purpose lotion, cold cream, etc. Serial No. 382,181; Nov. 3. Class 6.
Sherwin-Williams Co., The, Cleveland, Ohio. Paints, paint enamels, lacquers, etc. Serial No. 383,073; Nov. 3. Class 16.
Simonds Saw and Steel Company, Fitchburg, Mass. Saw bits. Serial No. 380,721; Nov. 3. Class 23.
Società Anonima Snia-Viscosa, Società Nazionale Industria Applicazioni Viscosa, The, Turin, Italy. Artificial textile fibres in staples, having opaque appearance. Serial No 379,642; Nov. 3. Class 1.
Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Liquid petroleum gases. Serial No. 382,637; Nov. 3. Class 6.
Soprani, Inc., Chicago, Ill. Accordions. Serial No. 383,142; Nov. 3. Class 36.
Sparklets Corporation, New York, N. Y. Bulbs or capsules. Serial No. 381,732; Nov. 3. Class 2.
Speik, Frederick A., doing business as Kay Christy, Los Angeles, Calif. Dresses, suits, blouses, etc. Serial No. 382,573; Nov. 3. Class 39.
Standard Fruits, Inc., Wenatchee, Wash. Fresh apples. Serial No. 383,143; Nov. 3. Class 46.
Standard Insulation Company, East Rutherford, N. J. Oiled canvas, oiled duck, oiled cambric, etc. Serial No. 382,104; Nov. 3. Class 50.
Stanley, John T., Co., Inc., New York, N. Y. Soap. Serial Nos. 382,575–6; Nov. 3. Class 4.
Stetson, G. Henry, San Fernando, Calif. Hats and caps. Serial No. 382,639; Nov. 3. Class 39.
Stevens & Thompson Paper Company, New York, N. Y. Toilet paper. Serial No. 383,109; Nov. 3. Class 37.
Sunland Biscuit Co. (See Raulli, Ralph.)
Sutter Packing Company, Palo Alto, Calif. Canned fruits. Serial No. 382,534; Nov. 3. Class 46.
Tanenbaum, I. Edwin, Incorporated, New York, N. Y. Publication. Serial No. 382,640; Nov. 3. Class 38.
Taormina Corporation, Donna, Tex. Canned vegetables. Serial No. 382,535; Nov. 3. Class 46.
Tay-Ban Co., The. (See Banta, Edwin.)
Texas Tanning & Manufacturing Company, Yoakum, Tex. Belts for men. Serial No. 382,641; Nov. 3. Class 39.
Tingue, Brown & Co., New York, N. Y. Mesh net containers for use in laundries. Serial No. 381,339; Nov. 3. Class 24.
Tingue, Brown & Co., New York, N. Y. Mesh net containers for use in laundries. Serial No. 381,347; Nov. 3. Class 24.
Tomlinson of High Point, High Point, N. C. Articles of furniture. Serial No. 382,328; Nov. 3. Class 32.
United States Rubber Products, Inc., New York, N. Y. Pneumatic tires. Serial No. 383,110; Nov. 3. Class 35.
Vadsco Sales Corporation, Long Island City, N. Y. Effervescent aspirin compound tablets. Serial No. 382,682; Nov. 3. Class 6.
Vereinigte Gummiwaren-Fabriken Wimpassing vormals Menier- J. N. Reithhoffer, Vienna, Austria. Rubber sponges. Serial No. 382,403; Nov. 3. Class 1.
Veritas Products Co. (See Malls, Irving H.)
Vita-Glo Company. (See Brick, Arthur R.)
W. B. Foundations, Incorporated, Newark, N. J. Corsets, girdles, brassières, etc. Serial No. 382,815; Nov. 3. Class 39.
Wanamaker, John, Philadelphia, Pa. Shirts, underwear, pajamas, etc. Serial No. 382,611; Nov. 3. Class 39.
Welch Grape Juice Company, The, Westfield, N. Y. Tomato juice. Serial No. 383,078; Nov. 3. Class 46.
Wells-Lamont-Smith Corporation, Minneapolis, Minn. Work gloves. Serial Nos. 382,541–2; Nov. 3. Class 39.
Windsor-Lloyd Products, Inc., doing business as Booster Chemical and Engineering Company, Baltimore, Md., and Wilmington, Del. Motor lubricating oils. Serial No. 381,184; Nov. 3. Class 15.
Worcester Salt Company, New York, N. Y. Salt blocks for live stock. Serial No. 382,503; Nov. 3. Class 46.
World's Products Company. (See Laymon, Herman B.)
"Yvonne Laru". (See Sharon Store Company, The.)
Ziff-Davis Publishing Company, Chicago, Ill. Periodical publications. Serial No. 380,733; Nov. 3. Class 38.
Zifferblatt, George, & Co., Philadelphia, Pa. Cigars. Serial No. 374,952; Nov. 3. Class 17.
Zinsser & Co., Inc., Hastings-on-Hudson, N. Y. Dyestuffs. Serial No. 382,579; Nov. 3. Class 6.

LIST OF REGISTRANTS OF TRADE-MARKS

Achaia Wine Company, Limited, Patras, Greece. Wines. 340,223; Nov. 3; Serial No. 377,296; published Aug. 25, 1936. Class 47.
Acheson Colloids Corporation, Port Huron, Mich. Organic or inorganic substances for use in industrial arts. 340,165; Nov. 3; Serial No. 379,066; published Aug. 25, 1936. Class 1.
Aetna Portland Cement Co., Bay City, Fenton, and Detroit, Mich. Portland cement. 340,243; Nov. 3; Serial No. 371,250; published Aug. 11, 1936. Class 12.
Afral Corporation, New York, N. Y. Food seasonings. 340,081; Nov. 3; Serial No. 378,771; published Aug. 25, 1936. Class 46.
Alexander, Philip, London, England. Card games. 340,349; Nov. 3; Serial No. 380,690; published Aug. 25, 1936. Class 22.
Almo Undergarment Company, Inc., New York, N. Y. Ladies' undergarments. 340,137–8; Nov. 3; Serial No. 380,135–6; published Aug. 18, 1936. Class 39.
Ambrose, Jay L., doing business as Ambrose and Company, Denver, Colo. Wines. 340,112; Nov. 3; Serial No. 375,978; published Aug. 25, 1936. Class 47.
American Encaustic Tiling Co. Ltd., Zanesville, Ohio, Maurer, N. J., and New York, N. Y., assignor to American Encaustic Tiling Company, Inc., New York, N. Y. Tiles. 115,717; renewed Mar. 6, 1937.
American Journal of Surgery, Inc., The, New York, N. Y. Periodical. 340,258; Nov. 3; Serial No. 377,819; published Aug. 25, 1936. Class 38.
American Latex Corporation, New York, N. Y. Bathing caps and shower caps. 340,225; Nov. 3; Serial No. 375,195; published Aug. 4, 1936. Class 39.
American Merchandise Co., New York, N. Y. Gloves. 340,161; Nov. 3; Serial No. 379,173; published Aug. 4, 1936. Class 39.
American Stores Company, Philadelphia, Pa. Bread. 340,150; Nov. 3; Serial No. 380,337; published Aug. 25, 1936. Class 46.
American Stove Company, St. Louis, Mo. Stoves. 340,227; Nov. 3; Serial No. 375,002; published Aug. 25, 1936. Class 34.
American Window Glass Company, Pittsburgh, Pa. Sheet Glass. 340,244; Nov. 3; Serial No. 371,128; published August 25, 1936. Class 33.
Amiglaze Company, Inc., New York, N. Y. Cellulose liquid finishing compound. 340,278; Nov. 3; Serial No. 379,224; published Aug. 25, 1936. Class 16.
Anderson Company, The, Gary, Ind. Windshield wipers and parts thereof. 340,266; Nov. 3; Serial No. 379,413; published Aug. 25, 1936. Class 19.
Anderson Company, The, Gary, Ind. Windshield wipers and parts thereof. 340,266; Nov. 3; Serial No. 379,413; published Aug. 25, 1936. Class 19.
Anderson, Rea V., doing business as R. V. Anderson, Los Angeles, Calif. Supplement for livestock and dairy feeds. 340,169; Nov. 3; Serial No. 378,959; published Aug. 25, 1936. Class 46.
Anschl, Benjamin, Company, The, doing business as The Mediskin Company, St. Louis, Mo. Cosmetics and toilet preparations. 340,284; Nov. 3; Serial No. 378,544; published Aug. 18, 1936. Class 6.
Arch Preserver Shoe Patents, Trustees. (See Brown, Berenice.)
Archer-Taylor Drug Company, The, doing business as The Archer-Taylor Laboratories, Wichita, Kans. Preparation to be used as a gargle for inflamed or sore throat. 340,175; Nov. 3; Serial No. 378,817; published Aug. 18, 1936. Class 6.
Armand Company, The, Des Moines, Iowa. Face-powder, cold cream, rouge, etc. 115,053; renewed Jan. 23, 1937.
Armand Company, The, Des Moines, Iowa. Face-powder, cold-cream, rouge, etc. 115,374; renewed Feb. 6, 1937.
Atlas Powder Company, Wilmington, Del. Explosives. 340,124–5; Nov. 3; Serial Nos. 380,899–900; published Aug. 25, 1936. Class 9.
Austenal Laboratories, Inc., New York, N. Y. Wire for dental purposes. 340,273; Nov. 3; Serial No. 379,661; published Aug. 25, 1936. Class 44.
Automatic Pearl Button Co., Muscatine, Iowa. Buttons, slides, buckles, etc. 340,263; Nov. 3; Serial No. 378,295; published Aug. 4, 1936. Class 40.
Ayer, Harriet Hubbard, Inc., New York, N. Y. Cosmetic tissues. 340,184; Nov. 3; Serial No. 359,497; published Aug. 25, 1936. Class 37.
B. V. D. Company, Inc., The, Baltimore, Md. Underwear. 340,094; Nov. 3; Serial No. 380,437; published Aug. 25, 1936. Class 39.
Baby Bathinette Corporation, Rochester, N. Y. Infants' and nursery furniture. 340,295; Nov. 3; Serial No. 379,943; published Aug. 25, 1936. Class 32.
Baer & Wilde Company, The, assignor to Swank Products, Inc., Attleboro, Mass. Toilet sets. 340,191; Nov. 3; Serial No. 366,354; published Aug. 11, 1936. Class 40.
Bagnall, Howard E., Kansas City, Mo. Popcorn, lawn, and farm seeds. 340,160; Nov. 3; Serial No. 379,177; published Aug. 18, 1936. Class 1.

Bardstown Distillery, Inc., Bardstown, Ky. Whiskey. 340,146; Nov. 3; Serial No. 381,254; published Aug. 25, 1936. Class 49.

Barnhart, George E., Pasadena, Calif. Golf club shafts and heads. 340,350; Nov. 3; Serial No. 380,692; published Aug. 25, 1936. Class 22.

Bee-Nu Products Company. (See Ritter, William F.)

Benduro, Inc., New York, N. Y. Glass trays, bowls, dinner service sets, etc. 340, 231; Nov. 3; Serial No. 374,509; published Aug. 25, 1936. Class 33.

Bercut-Richards Packing Co., Sacramento, Calif. Canned fruit. 340,195; Nov. 3; Serial No. 369,150; published Aug. 25, 1936. Class 46.

Berford Laboratories. (See Bergin, Cecil A.)

Bergin, Cecil A., doing business as Berford Laboratories, Miami, Fla. Preparation for the treatment of oral infections. 340,237; Nov. 3; Serial No. 373,555; published Aug. 18, 1936. Class 6.

Bermuda Knitwear Corp., New York, N. Y. Knitted sweaters, dresses, coats, etc. 340,212; Nov. 3; Serial No. 377,093; published Aug. 4, 1936. Class 39.

Berson, Joseph A., doing business as The Springdale Distilling Company, Stamford, Conn. Whiskey. 340,141–2; Nov. 3; Serial No. 381,015–16; published Aug. 25, 1936. Class 49.

Betner, Benj. C., Co., Devon, Pa. Paper bags or containers. 340,084; Nov. 3; Serial No. 381,187; published Aug. 25, 1936. Class 2.

Blackmer Rotary Pump Co., Petoskey, to Blackmer Rotary Pump Co., Grand Rapids, Mich. Rotary pumps. 115,583; renewed Feb. 27, 1937.

Bluffton Chemical Company, Bluffton, Ind. Meat-preserver. 112,846; renewed Oct. 3, 1936.

Blumer, Harold A., doing business as Foot-Tola Co., Monroe, Wis. Medicinal preparation. 340,313; Nov. 3; Serial No. 379,994; published Aug. 18, 1936. Class 6.

Bomze, H., and Bro., Philadelphia, Pa. Ladies' and misses' coats, suits, and dresses. 340,297–8; Nov. 3; Serial No. 379,869–70; published Aug. 25, 1936. Class 39.

Breeze Corporations, Inc., Newark, N. J. Powdered compound. 340,328; Nov. 3; Serial No. 376,794; published Aug. 18, 1936. Class 1.

Bresnick, Carl S., New York, N. Y. Razors, shears, scissors, etc. 340,274; Nov. 3; Serial No. 379,666; published Aug. 25, 1936. Class 23.

Brides House, Inc., New York, N. Y. Periodical. 340,115; Nov. 3; Serial No. 375,828; published Aug. 18, 1936. Class 38.

Briegel, Theodore W., Moline, Ill. Thin wall pipe couplings and connectors. 340,116; Nov. 3; Serial No. 375,751; published Aug. 25, 1936. Class 13.

Brody, Samuel C., Brighton, Mass. Blast torches. 340,234; Nov. 3; Serial No. 374,277; published Aug. 25, 1936. Class 34.

Brody, Samuel C., Brighton, Mass. Wall towel and drying racks and bars. 340,232; Nov. 3; Serial No. 374,282; published Aug. 25, 1936. Class 13.

Brody, Samuel C., Brighton, Mass. Metal closet rods. 340,365; Nov. 3. Class 13.

Brown, Berenice, Brookline, Mass., to Trustees for Arch Preserver Shoe Patents, New York, N. Y., Successor. Boots and shoes. 113,556; renewed Oct. 24, 1936.

Buckley & Scott, Inc., Providence, R. I. Fuel oil. 340,240; Nov. 3; Serial No. 372,762; published Aug. 18, 1936. Class 15.

Burgess Battery Company, Freeport, Ill. Dry cell batteries. 340,368; Nov. 3. Class 21.

Burnham & Morrill Company, Portland, Maine. Canned corn. 340,159; Nov. 3; Serial No. 379,185; published Aug. 25, 1936. Class 46.

Burton Brothers & Co. Inc., New York, N. Y. Cotton piece goods. 340,322; Nov. 3; Serial No. 380,097; published Aug. 25, 1936. Class 42.

Burton Products, Inc., Paterson, N. J. Beer. 340,099; Nov. 3; Serial No. 380,497; published Aug. 25, 1936. Class 48.

Buschman, Nathan H., New York, N. Y. Base metal can holding pitchers. 340,329; Nov. 3; Serial No. 376,795; published Aug. 25, 1936. Class 13.

Calcium Carbonate Company, Chicago, Ill. Poultry grit. 340,279; Nov. 3; Serial No. 379,227; published Aug. 18, 1936. Class 4.

Caldwell Seed Company, Evanston, Ill. Fertilizers. 340,201; Nov. 3; Serial No. 379,735; published Aug. 25, 1936. Class 10.

California Fruit Exchange, Sacramento, Calif. Fresh deciduous fruits. 340,147; Nov. 3; Serial No. 380,257; published Aug. 25, 1936. Class 46.

Calumet Refining Co., Chicago, Ill. Lubricating oils and greases. 340,174; Nov. 3; Serial No. 378,825; published Aug. 11, 1936. Class 15.

Capson Hat Co. Inc., Fall River, Mass. Men's hats. 340,288; Nov. 3; Serial No. 378,392; published Aug. 4, 1936. Class 39.

Chatelain Leal & Cie, Chaux-de-fonds, Switzerland, and London, England, to Record & Dreadnought Watches, Ltd., London, England, successor. Watches, watch-movements, and watch-cases. 113,354; renewed Oct. 17, 1936.

Chicago Specialty Mfg. Co., Chicago, Ill. Radiator handle. 340,196; Nov. 3; Serial No. 369,733; published Aug. 25, 1936. Class 13.

Chilton Pen Company, Inc., The, Long Island City, N. Y. Fountain pens and pen nibs for fountain pens. 340,186; Nov. 3; Serial No. 364,538; published Aug. 18, 1936. Class 37.

Clark, John E., Flint, Mich. Medicinal preparations. 340,315; Nov. 3; Serial No. 380,036; published Aug. 18, 1936. Class 6.

Cohn-Hall-Marx Co., New York, N. Y. Cotton, rayon, acetate, etc., piece goods. 340,100; Nov. 3; Serial No. 380,500; published Aug. 25, 1936. Class 42.

Cold Spring Bleachery, Yardley, Pa. Collar linings. 340,289; Nov. 3; Serial No. 378,359; published Aug. 25, 1936. Class 42.

Commercial Solvents Corporation, New York, N. Y. Methanol and radiator anti-freeze solutions. 340,091; Nov. 3; Serial No. 380,385; published Aug. 25, 1936. Class 6.

Consolidated Jewelers Mfg. Corp., Seattle, Wash. Metal products. 340,107; Nov. 3; Serial No. 376,259; published Aug. 25, 1936. Class 19.

Consolidated Trimming Corporation, New York, N. Y. Bandeaus of braided, knitted, and textile material. 340,259; Nov. 3; Serial No. 377,836; published Aug. 4, 1936. Class 40.

Control Products Company, Philadelphia, Pa. Chemical liquid for use instead of water for mixing Portland cement to control the setting time of the cement. 340,208; Nov. 3; Serial No. 376,880; published Aug. 11, 1936. Class 12.

Cook, John, Incorporated, The, Baltimore, Md. Roses and rose bushes. 340,247–8; Nov. 3; Serial Nos. 377,538–9; published Aug. 25, 1936. Class 1.

Corning Glass Works, Corning, N. Y. Pipe fittings. 340,173; Nov. 3; Serial No. 378,827; published Aug. 25, 1936. Class 13.

Crain, Charles H., Chicago, Ill. Medicinal preparation. 340,316; Nov. 3; Serial No. 380,040; published Aug. 18, 1936. Class 6.

Crites-Moscow Growers' Ass'n., Inc., Moscow, Idaho. Seed peas. 340,207; Nov. 3; Serial No. 379,792; published Aug. 18, 1936. Class 1.

Crockett, Ralph W., trustee et al. (See Penley, Eugene W.)

Devoe & Raynolds Company, Inc., New York, N. Y. Marine paints. 340,131; Nov. 3; Serial No. 380,248; published Aug. 25, 1936. Class 16.

Diana Chocolate Co., to Novia Candy Co., Inc., Brooklyn, N. Y., successor. Candies and chocolates. 110,638; renewed June 6, 1936.

Dill Manufacturing Company, The, Cleveland, Ohio. Portable electric vulcanizing units and special rubber patch units for use therewith. 340,108; Nov. 3; Serial No. 376,196; published Aug. 25, 1936. Class 35.

Dittmayer, Hans, & Co., Peterswald, Czechoslovakia. Separable slide fasteners and snap or spring-hooks. 340,197; Nov. 3; Serial No. 370,340; published Aug. 25, 1936. Class 13.

Ditto, Incorporated, Chicago, Ill. Paper. 340,213; Nov. 3; Serial No. 377,098; published Aug. 25, 1936. Class 37.

Ditto, Incorporated, Chicago, Ill. Paper. 340,214–16; Nov. 3; Serial Nos. 377,105–7; published Aug. 25, 1936. Class 37.

Dixie-Vortex Company, Easton, Pa., and Chicago, Ill. Cups or containers. 340,351; Nov. 3; Serial No. 380,703; published Aug. 25, 1936. Class 2.

Dixon-Bartlett Company, Baltimore, Md. Shoes. 340,260; Mar. 3; Serial No. 378,069; published Aug. 4, 1936. Class 39.

Dube Undergarment Co., Inc., New York, N. Y. Slips and pyjamas. 340,233; Nov. 3; Serial No. 379,953; published Aug. 4, 1936. Class 39.

Durst, F. E. (See St. Mary's Oil Engine Company, The)

Eakins, Herbert W., doing business as Long Eakins Company, Springfield, Ohio. Cheese coated popcorn. 340,242; Nov. 3; Serial No. 371,418; published Aug. 25, 1936. Class 46.

Eastman Kodak Co., assignor to Eastman Kodak Company, Rochester, N. Y. Sensitive photographic film. 112,862–73; renewed Oct. 3, 1936.

Eastman Kodak Co., assignor to Eastman Kodak Company, Rochester, N. Y. Sensitive photographic film. 113,036–8; renewed Oct. 10, 1936.

Eastman Kodak Co., assignor to Eastman Kodak Company, Rochester, N. Y. Lacquers. 113,039; renewed Oct. 10, 1936.

Eastman Kodak Co., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic film, photographic-film supports, and photographic-printing masks. 113,234; renewed Oct. 10, 1936.

Eastwood-Nealley Corporation, Belleville, N. J. Woven wire paper machine belts, cylinder moulds, dandy rolls, etc. 340,254–5; Nov. 3; Serial Nos. 377,781–2; published Aug. 25, 1936. Class 23.

Eaton Metal Products Company, Denver, Colo. Tanks for use on trucks and trailers. 340,123; Nov. 3; Serial No. 376,577; published Aug. 25, 1936. Class 2.

Electrolux Servel Corporation, New York, N. Y. Refrigerators and parts thereof, and refrigerating systems. 340,180; Nov. 3; Serial No. 333,796; published Aug. 25, 1936. Class 31.

Elegant Premium Company. (See Sidrane, Frances.)

Estate Stove Company, The, Hamilton, Ohio. Doors and operating mechanism therefor for heaters and the like. 340,182; Nov. 3; Serial No. 353,847; published Aug. 25, 1936. Class 34.

Evans, Benjamin, Albany, N. Y. Boxes or other containers for cigarettes, cigars, etc. 340,111; Nov. 3; Serial No. 376,040; published Aug. 18, 1936. Class 8.

Federal Razor Blade Company, The, Newark, N. J. Razor blades. 340,148; Nov. 3; Serial No. 380,268; published Aug. 25, 1936. Class 23.

Fendrich, H., Inc., Evansville, Ind. Cigars. 340,267; Nov. 3; Serial No. 379,422; published Aug. 18, 1936. Class 17.

Ferguson, Stanley W., Inc., Boston, Mass. Coffee. 340,245; Nov. 3; Serial No. 376,840; published Aug. 25, 1936. Class 46.

Feshbach & Ackerman, Inc., New York, N. Y. Fur skins. 340,252; Nov. 3; Serial No. 377,677; published Aug. 18, 1936. Class 1.

Fisk Rubber Corporation, The, Chicopee Falls, Mass. Uncured camelback rubber stock. 340,332; Nov. 3; Serial No. 379,376; published Aug. 18, 1936. Class 1.

Fixzit System, Inc., New York, N. Y. Bath tubs, lavatories, sinks, etc. 340,292; Nov. 3; Serial No. 376,841; published Aug. 25, 1936. Class 13.

Flex-O-Tube Co., The, Detroit, Mich. Metallic hose couplings. 340,238; Nov. 3; Serial No. 373,374; published Aug. 25, 1936. Class 13.

Florian Products Co. (See Lifter, F. A.)

Foot-Tola Co. (See Blumer, Harold A.)

Forstmann Woolen Co., Passaic, N. J. Wilen piece goods. 340,095; Nov. 3; Serial No. 380,449; published Aug. 25, 1936. Class 42.

Forstmann Woolen Co., Passaic, N. J. Woolen piece goods. 340,275; Nov. 3; Serial No. 379,697; published Aug. 25, 1936. Class 42.

Fort Wayne Drug Company, Fort Wayne, Ind. Colored varnish-finish. 115,604; renewed Feb. 27, 1937.

Frankfort Distilleries, Incorporated, Louisville, Ky. Whiskey. 340,140; Nov. 3; Serial No. 381,070; published Aug. 25, 1933. Class 49.

Franklin Research Company, Philadelphia, Pa. Coating materials. 340,296; Nov. 3; Serial No. 379,888; published Aug. 25, 1936. Class 16.

Fritzsche Brothers, Inc., New York, N. Y. Natural and imitation food flavors. 340,149; Nov. 3; Serial No. 380,348; published Aug. 25, 1934. Class 46.

Fruit Products Corporation, Belleville, N. J., and New York, N. Y. Preserved cherries. 340,323; Nov. 3; Serial No. 380,160; published Aug. 25, 1936. Class 46.

Galambos, Mary, Chicago, Ill. Remedy for neuralgia and rheumatism and blood-purifier. 111,493; renewed July 18, 1936.

Gardner-Richardson Company, The, Middletown, Ohio. Containers and cartons. 340,192; Nov. 3; Serial No. 367,096; published Aug. 25, 1936. Class 2.

Gaylord, Robert, Inc., St. Louis, Mo. Paper bags. 340,082; Nov. 3; Serial No. 381,072; published Aug. 25, 1936. Class 2.

General Baking Company, New York, N. Y. Bread crumbs. 340,235; Nov. 3; Serial No. 373,868; published Aug. 25, 1936. Class 46.

General Paint & Varnish Co., Chicago, Ill. Paint, varnishes, stains, and paint enamels. 340,083; Nov. 3; Serial No. 381,126; published Aug. 25, 1936. Class 16.

Gialafos, Michael, doing business as Sun-Ray Mfg. Co., New York, N. Y. Hair waving devices. 340,202; Nov. 3; Serial No. 379,745; published Aug. 25, 1936. Class 4.

Gift Box Corporation, The, Brooklyn, N. Y. Paper folders. 340,372; Nov. 3. Class 37.

Gimbel Brothers, Inc., New York, N. Y. Briar smoking pipes, pipe racks, and humidors. 340,368; Nov. 3. Class 8.

Glaser, Crandell Co., Chicago, Ill. Fruit preserves. 340,226; Nov. 3; Serial No. 375,144; published July 28, 1936. Class 46.

Globe Bottling Company. (See Kanner, Abe.)

Globe Specialty Company, Chicago, Ill. Lamp lenses. 340,218–9; Nov. 3; Serial Nos. 377,147–8; published Aug. 25, 1936. Class 34.

Goodall Worsted Co. (See Lesher, Whitman & Co., Inc.)

Goodyear Tire & Rubber Company, The, Akron, Ohio. Cold patching cement. 340,101; Nov. 3; Serial No. 380,510; published Aug. 25, 1936. Class 5.

Greenberger, Eva K., New York, N. Y. Shirts, undershirts, collars, etc. 340,338; Nov. 3; Serial No. 378,750; published Aug. 18, 1936. Class 39.

Gregory-Robinson-Speas, Inc., Rogers, Ark. Vinegar. 340,317; Nov. 3; Serial No. 380,055; published Aug. 25, 1936. Class 46.

Haberman, Wm., Corp., New York, N. Y. Shirts, pajamas, and underwear. 240,217; Nov. 3; Serial No. 377,113; published Aug. 18, 1936. Class 39.

Harnischfeger Corporation, Milwaukee, Wis. Welding rods (electrodes). 340,335; Nov. 3; Serial No. 378,786; published Aug. 18, 1936. Class 14.

Hawk and Buck Company, Inc., The, Fort Worth, Tex. Work clothes. 340,333; Nov. 3; Serial No. 379,380; published Aug. 25, 1936. Class 39.

Heddon's James, Sons, Dowagiac, Mich. Artificial baits. 340,269; Nov. 3; Serial No. 379,559; published Aug. 25, 1936. Class 22.

Henderson, Roy C., St. Louis, Mo. Grips and gripping materials for use on golf clubs. 340,102; Nov. 3; Serial No. 380,512; published Aug. 25, 1936. Class 22.

Henley's, W. T., Telegraph Works Co. Ld., London Wall, London, assignor to Henley's Tyre and Rubber Co. Ltd., London, England. Golf-balls. 114,471; renewed Dec. 19, 1936.

Herzog, Joseph C., New York, N. Y. Hairnets. 340,105; Nov. 3; Serial No. 380,569; published Aug. 25, 1936. Class 42.

Hillman, Harry, doing business as Quaker Yarn Co., assignor to Quaker Yarn Co., Inc., New York, N. Y. Yarn and thread. 340,185; Nov. 3; Serial No. 361,678; published Aug. 18, 1936. Class 43.

Hind & Harrison Plush Company, New York, N. Y. Woolen goods. 340,190; Nov. 3; Serial No. 366,322; published Aug. 25, 1936. Class 42.

Hollywood Racket Mfg. Co., Hollywood, Calif. Tennis rackets. 340,299; Nov. 3; Serial No. 379,842; published Aug. 25, 1936. Class 22.

Husqvarna Vapenfabriks Aktiebolag, Huskvarna, Sweden. Meat-choppers. 114,356; renewed Dec. 12, 1936.

Huyck, F. C., & Sons, Rensselaer and Albany, N. Y. Paper-making felts. 340,230; Nov. 3; Serial No. 374,645; published Sept. 1, 1936. Class 50.

Hygienic Products Company, The, Canton, Ohio. Cleaning powder for water closet bowls and automobile radiators. 340,178; Nov. 3; Serial No. 282,785; published Sept. 1, 1936. Class 4.

Ideal Manufacturing Co. (See West, Frank W.)

Independent Grocers' Alliance Distributing Co., Chicago, Ill. Tea and coffee. 340,181; Nov. 3; Serial No. 348,814; published May 29, 1934. Class 46.

International Cement Corporation, New York, N. Y. Portland cement. 340,287; Nov. 3; Serial No. 378,400; published Aug. 18, 1936. Class 12.

International Cement Corporation, New York, N. Y. Portland cement. 340,330; Nov. 3; Serial No. 376,805; published Aug. 18, 1936. Class 12.

Iowa Feed Corporation, Des Moines, Iowa. Live stock and poultry concentrate. 340,283; Nov. 3; Serial No. 379,343; published Aug. 25, 1936. Class 46.

Isgo Wall Paper Corporation, Chicago, Ill. Wall paper. 340,272; Nov. 3; Serial No. 379,618; published Aug. 18, 1936. Class 37.

Jero Products Co., Chicago, Ill. Mixer designed to be used in the preparation of alcoholic beverages. 340,126; Nov. 3; Serial No. 380,950; published Aug. 25, 1936. Class 45.

Johnson Suture Corporation, Chicago, Ill. Racket strings. 340,345; Nov. 3; Serial No. 380,642; published Aug. 25, 1936. Class 22.

Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Barbed wire in spools. 340,308; Nov. 3; Serial No. 377,514; published Aug. 25, 1936. Class 13.

Kanner, Abe, doing business as Globe Bottling Company, Los Angeles, Calif. Wines. 340,194; Nov. 3; Serial No. 368,073; published Mar. 3, 1936. Class 47.

Kauffman, S. S. (See Union Lithograph Co., Inc., assignor.)

Kaumagraph Company, New York, N. Y. Printed cloth labels. 340,256; Nov. 3; Serial No. 377,795; published July 14, 1936. Class 40.

Kearney, James R., Corporation, St. Louis, Mo. Fuse switches. 340,361; Nov. 3. Class 21.

Kelly, Frances M., doing business as Francine Markel, Philadelphia, Pa. Columns published in newspapers, etc. 340,189; Nov. 3; Serial No. 365,569; published Sept. 10, 1935. Class 38.

Kent, Percy, Bag Co., Inc., North Kansas City, Mo. Fabric bags. 340,128–9; Nov. 3; Serial Nos. 380,958–9; published Aug. 25, 1936. Class 2.

Kent, Percy, Bag Co., Inc., North Kansas City, Mo. Fabric bags. 340,143; Nov. 3; Serial No. 380,964; published Aug. 25, 1936. Class 2.

Kent, Percy, Bag Co., Inc., North Kansas City, Mo. Fabric bags. 340,339–42; Nov. 3; Serial No. 380,960–63; published Aug. 25, 1936. Class 2.

Kingan & Company, Belfast, Ireland, and Indianapolis, Ind., assignor to Kingan & Co., Incorporated, Indianapolis, Ind. Meats, sausages, lard, etc. 115,766; renewed Mar. 6, 1937.

Kirk & Blum Manufacturing Company, The, Cincinnati, Ohio. Sectional metal vehicle bodies and parts thereof. 340,270; Nov. 3; Serial No. 379,560; published Aug. 25, 1936. Class 19.

Krudop, Katrine, Manhattan, Kans. Canned breakfast food. 340,119; Nov. 3; Serial No. 375,253; published Aug. 25, 1936. Class 46.

Lande & Miskend, Inc., New York, N. Y. Underwear, slips, pajamas, etc. 340,168; Nov. 3; Serial No. 379,001; published Aug. 18, 1936. Class 39.

Landers, Frary & Clark, New Britain, Conn. Measuring and scientific appliances. 113,889; renewed Nov. 7, 1936.

Landers, Frary & Clark, New Britain, Conn. Electrically driven apparatus and electrically-heated apparatus. 340,336; Nov. 3; Serial No. 378,698; published Aug. 25, 1936. Class 21.

La Perla Vineyard Company, Chicago, Ill. Brandy. 340,318; Nov. 3; Serial No. 380,061; published Aug. 25, 1936. Class 49.

Lenk & Sprague Corporation, Upper Darby, Pa. Cartons for cakes, etc. 340,319; Nov. 3; Serial No. 380,064; published Aug. 25, 1936. Class 2.

Lentheric, Incorporated, New York, N. Y. Scalp stimulant, after shave lotion, eau de cologne. 340,139; Nov. 3; Serial No. 380,110; published Aug. 18, 1936. Class 6.

Lesher, Whitman & Co., Inc., New York, N. Y., to Goodall Worsted Co., Sanford, Maine, successor. Piece goods with cotton warp and filling of wool, mohair, or alpaca. 115,638; renewed Feb. 27, 1937.

Levy Bros. & Adler Rochester, Incorporated, Rochester, N. Y. Suits, topcoats, and overcoats. 340,302; Nov. 3; Serial No. 379,805; published Aug. 18, 1936. Class 39.

Liberty Granite Company, Inc., St. Cloud, Minn. Monuments and memorials. 340,280; Nov. 3; Serial No. 379,306; published Aug. 18, 1936. Class 50.
Lifter, F. A., doing business as Florian Products Co., Newark, N. J. Paint finish, ready mixed paints, paint enamel, etc. 340,133; Nov. 3; Serial No. 380,209; published Aug. 25, 1936. Class 16.
Lindquist, Robert J., Los Angeles, Calif. Therapeutic lamps. 340,113; Nov. 3; Serial No. 375,943; published Aug. 25, 1936. Class 44.
Loewi, Hugo V., Inc., New York, N. Y. Hops. 340,145; Nov. 3; Serial No. 378,663; published Aug. 18, 1936. Class 1.
Long Eakins Company. (See Eakins, Herbert W.)
Losee, Joseph S., doing business as Losee Products, Hebron, Ill. Electric fans. 340,241; Nov. 3; Serial No. 371,877; published Aug. 25, 1936. Class 21.
Lyons-Magnus, Inc., San Francisco, Calif. Soda fountain syrups. 340,127; Nov. 3; Serial No. 380,955; published Aug. 25, 1936. Class 45.
Madden Company, The, by change of name to Maintenance Equipment Company, Chicago, Ill. Metal derails. 115,644; renewed Feb. 27, 1937.
Maintenance Equipment Company. (See Madden Company, The.)
Mallinson, H. R., & Co., assignor, by mesne assignments, to Mallinson Fabrics Corporation, New York, N. Y. Silk piece goods. 115,779; renewed Mar. 6, 1937.
Mallinson, H. R., & Co., assignor, by mesne assignments, to Mallinson Fabrics Corporation, New York, N. Y. Silk piece goods. 115,856–7; renewed Mar. 13, 1937.
Mariano, Lopes & Companhia, Limitada, Setubal, Portugal. Preserved fish. 340,086; Nov. 3; Serial No. 380,357; published Aug. 25, 1936. Class 46.
Markel, Francine. (See Kelly, Frances M.)
Martha Mills Inc., New York, N. Y. Silk piece goods. 340,352; Nov. 3; Serial No. 380,779; published Aug. 25, 1936. Class 42.
Martin Bros. Co., Denver, Colo. Roasted coffee. 340,157; Nov. 3; Serial No. 380,289; published Aug. 25, 1936. Class 46.
Mayfair Yarncraft. (See Osborne, Glenn E.)
McDonald, William R., doing business as Saniphone Service, Limited, Vancouver, British Columbia, Canada. Fluids for disinfecting telephones. 340,304; Nov. 3; Serial No. 378,576; published Aug. 18, 1936. Class 6.
Mediskin Company, The. (See Ansehl, Banjamin, Company, The.)
Melchior, Armstrong, Dessau Co. of Delaware, Inc., New York, N. Y. Heaters, draft regulators, and refractory combustion chambers, etc. 340,118; Nov. 3; Serial No. 375,335; published Aug. 25, 1936. Class 34.
Merchants Chemical Company, Inc., New York, N. Y. Compound in powder form for the moth-proofing of fabrics. 340,136; Nov. 3; Serial No. 380,154; published Aug. 25, 1936. Class 6.
Meyer, P. A., & Sons, Erie, Pa. Hats, suits, hosiery, etc. 340,326; Nov. 3; Serial No. 376,728; published Aug. 4, 1936. Class 39.
Miller, I., & Sons, Inc., Long Island City, N. Y. Ladies' shoes. 340,229; Nov. 3; Serial No. 374,934; published Aug. 4, 1936. Class 39.
Milwaukee Paper Box Co., Milwaukee, Wis. Paper boxes. 114,518; renewed Dec. 19, 1936.
Miraclejel Company. (See Schnering, Otto.)
Montgomery Mills, Jersey City, N. J. Tea. 340,357; Nov. 3. Class 46.
Morris Shoe Co. Inc., New York, N. Y. Children's shoes. 340,079; Nov. 3; Serial No. 378,755; published Aug. 4, 1936. Class 39.
Mulhens, Ferd., Inc., New York, N. Y. Eau de cologne, lavender water, hair washes, etc. 340,110; Nov. 3; Serial No. 376,098; published Aug. 18, 1936. Class 6.
Naamlooze Vennootschap Drogerijen Maatschappij, Rotterdam, Netherlands. Medicinal and cosmetic products. 340,183; Nov. 3; Serial No. 357,500; published Aug. 25, 1936. Class 6.
Nation Wide Papers, Inc., Chicago, Ill. Toilet paper. 340,224; Nov. 3; Serial No. 377,315; published Aug. 18, 1936. Class 37.
National Aluminate Corporation, Chicago, Ill. Water softening apparatus. 340,220; Nov. 3; Serial No. 377,227; published Aug. 25, 1936. Class 13.
National-Helfrich Potteries Company, Evansville, Ind. Water closet tanks, bowls, and unit closets. 340,306; Nov. 3; Serial No. 377,409; published Aug. 25, 1936. Class 13.
National Wholesale Liquor Co., Inc., Baltimore, Md. Gin. 340,085; Nov. 3; Serial No. 381,248; published Aug. 25, 1936. Class 49.
Novia Candy Co., Inc. (See Diana Chocolate Co.)
Ohio Salt Company, The, Wadsworth, Ohio. Salt. 340,293–4; Nov. 3; Serial Nos. 379,969–70; published Aug. 25, 1936. Class 46.
Ohio Salt Company, The, Wadsworth, Ohio. Salt. 340,310–11; Nov. 3; Serial Nos. 379,971–2; published Aug. 25, 1936. Class 46.
Oldetyme Distillers, Inc., New York, N. Y. Gin. 340,187; Nov. 3; Serial No. 365,209; published Aug. 25, 1936. Class 49.
Olive Hillside Groves, Olive, Calif. Fresh citrus fruit. 340,346; Nov. 3; Serial No. 380,658; published Aug. 25, 1936. Class 46.
Onondaga Silk Company, Inc., New York, N. Y. Silk piece goods. 340,132; Nov. 3; Serial No. 380,223; published Aug. 25, 1936. Class 42.
Original Julius Marcus Laboratories, Inc., Jersey City, N. J. Whiskey, gin, rum, etc. 340,353; Nov. 3; Serial No. 380,787; published Aug. 25, 1936. Class 49.
Osborne, Glenn E., doing business as Mayfair Yarncraft, New York, N. Y. Yarns. 340,155–6; Nov. 3; Serial Nos. 380,302–3; published Aug. 25, 1936. Class 48.
Palnut Company, The, Irvington, N. J. Nuts, lock nuts, and lock washers. 340,210; Nov. 3; Serial No. 377,060; published Aug. 25, 1936. Class 13.
Paragon Knitting Mills, Inc., Philadelphia, Pa. Sweaters and bathings suits. 340,097; Nov. 3; Serial No. 380,481; published Aug. 25, 1936. Class 39.
Pardoe, Avern, Toronto, Ontario, Canada. Golf clubs, tennis, badminton, and squash rackets and hand grips therefor. 340,262; Nov. 3; Serial No. 378,167; published Aug. 25, 1936. Class 22.
Park, Benziger & Co., Inc., New York, N. Y. Rum. 340,193; Nov. 3; Serial No. 367,404; published Aug. 25, 1936. Class 49.
Peninsular Metal Products Corporation, Detroit, Mich. Trailer for attachment to automotive vehicles. 340,162; Nov. 3; Serial No. 379,171; published Aug. 25, 1936. Class 19.
Penley, Eugene W., Auburn, Maine, to Ralph W. Crockett, Beatrice E. P. Stephens and F. Owen Stephens, trustees of the estate of Eugene W. Penley, deceased, legal representatives. Hams, bacon, lard, etc. 112,215; renewed Aug. 22, 1936.
Penley, Eugene W., Auburn, Maine, to Ralph W. Crockett, Beatrice E. P. Stephens and F. Owen Stephens, trustees of the estate of Eugene W. Penley, deceased, legal representatives. Foods. 112,553; renewed Sept. 12, 1936.
Pitman-Moore Company, Indianapolis, Ind. Liquid preparation for use in the treatment of anemia. 340,364; Nov. 3. Class 6.
Plessner, Paul, Co., The, to The Paul Plessner Co., Detroit, Mich, successor. Hepatic insufficiency, intestinal putrefaction, etc. 114,543; renewed Dec. 19, 1936.
Pontiac Shoe Manufacturing Company, Pontiac, Ill. Shoes. 340,080; Nov. 3; Serial No. 378,757; published Aug. 4, 1936. Class 39.
Pope-Gosser China Co., The, Coshocton, Ohio. Chinaware, porcelainware, earthenware, etc. 340,320; Nov. 3; Serial No. 380,074; published Aug. 25, 1936. Class 30.
Pope-Gosser China Co., The, Coshocton, Ohio. Glassware. 340,321; Nov. 3; Serial No. 380,075; published Aug. 25, 1936. Class 33.
Pramark Distributing Co., Brooklyn, N. Y. Hair thinning comb. 340,078; Nov. 3; Serial No. 378,801; published Aug. 11, 1936. Class 40.
Prym, William, of America, Inc., New York and Long Island City, N. Y. Pins, snap fasteners, hooks and eyes, etc. 340,276; Nov. 3; Serial No. 376,444; published July 14, 1936. Class 40.
Quaker Yarn Co. (See Hillman, Harry.)
Quiros, Marta, New York, N. Y. Chin strap and facial contour moulder. 340,135; Nov. 3; Serial No. 380,157; published Aug. 25, 1936. Class 44.
Rapid Electrotype Co., The, Cincinnati, Ohio. Matrix or plong used in stereotyping. 340,369–71; Nov. 3. Class 50.
Rath, Wm. C., Co., Inc., New York, N. Y. Ladies' purses and pocketbooks. 340,347; Nov. 3; Serial No. 380,664; published Aug. 25, 1936. Class 3.
Rattan Ski Binding Co. (See Stebbins, Arthur.)
Rawlplug Company, Inc., The, New York, N. Y. Scored metal drive pin fasteners. 340,117; Nov. 3; Serial No. 375,724; published Aug. 25, 1936. Class 15.
Rawlplug Company, Inc., The, New York, N. Y. Screw anchors. 340,359; Nov. 3. Class 13.
Record & Dreadnought Watches, Ltd. (See Chatelain Leal & Cie.)
Reliance Manufacturing Company, doing business as The Sterling Company, Chicago, Ill. Ladies' pajamas and night gowns. 340,087; Nov. 3; Serial No. 380,363; published Aug. 25, 1936. Class 39.
Reynolds Wire Co., Dixon, Ill. Wire cloth. 340,253; Nov. 3; Serial No. 377,768; published Aug. 25, 1936. Class 13.
Richmond-Chase Company, San Jose, Calif. Maltless beverages. 340,354; Nov. 3; Serial No. 380,794; published Aug. 25, 1936. Class 45.
Richmond-Chase Company, San Jose, Calif. Pineapple juice beverage. 340,355; Nov. 3; Serial No. 380,795; published Aug. 25, 1936. Class 45.
Ritter, William F., doing business as Bee-Nu Products Company, New Hartford, N. Y. Enamel having a varnish base. 340,172; Nov. 3; Serial No. 378,857; published Aug. 25, 1936. Class 16.
Riverside Citrus Assn., Riverside, Calif. Fresh citrus fruit. 340,360; Nov. 3. Class 46.
Robinson Brothers, Boston, Mass. Dresses. 340,103; Nov. 3; Serial No. 380,528; published Aug. 25, 1936. Class 39.
Rosen, A. W., & Co., New York, N. Y. Automobile truck and bus mirrors. 340,158; Nov. 3; Serial No. 379,211; published Aug. 25, 1936. Class 19.
Rosenberg, Max., New York, N. Y. Imitation buckskin. 340,307; Nov. 3; Serial No. 377,420; published Aug. 25, 1936. Class 50.

Roxanda Mines, Inc., St. Paul, Minn. Asphaltic paving material. 340,228; Nov. 3; Serial No. 374,942; published Aug. 11, 1936. Class 12.
Royce Chemical Company, Carlton Hill, N. J. Chemicals adapted for dyeing, bleaching, finishing, etc. 340,177; Nov. 3; Serial No. 379,212; published Aug. 25, 1936. Class 6.
Ruggles-Jackson Company, The, Amarillo, Tex. Gasoline. 340,290; Nov. 3; Serial No. 378,348; published Aug. 11, 1936. Class 15.
Runes, Dagobert D., New York, N. Y. Periodical. 340,236; Nov. 3; Serial No. 373,621; published Aug. 18, 1936. Class 38.
Russell Paper Goods Company, Russell, Mass. Transparent glassine paper. 340,164; Nov. 3; Serial No. 379,143; published Aug. 18, 1936. Class 37.
Rykoff, S. E., & Company, Los Angeles, Calif. Whiskey, gin, rum, etc. 340,348; Nov. 3; Serial No. 380,671; published Aug. 25, 1936. Class 49.
St. Marys Oil Engine Company, The, St. Charles, Mo., to F. E. Durst, doing business as The St. Marys Oil Engine Company, Chicago, Ill., and St. Charles, Mo., successor. Internal-combustion engines. 112,223; renewed Aug. 22, 1936.
Saniphone Service, Limited. (See McDonald, William R.)
Santa Claus Remailing Corporation, Bloomington, Ind. Gift certificates. 340,264; Nov. 3; Serial No. 378,343; published Aug. 18, 1936. Class 38.
Santa Claus Remailing Corporation, Bloomington, Ind. Envelopes and enclosing wrappers. 340,265; Nov. 3; Serial No. 378,344; published Aug. 18, 1936. Class 37.
Santa Claus Remailing Corporation, Bloomington, Ind. Tags. 340,291; Nov. 3; Serial No. 378,345; published Aug. 18, 1936. Class 38.
Santa Claus Remailing Corporation, Bloomington, Ind. Calendars. 340,337; Nov. 3; Serial No. 378,714; published Aug. 18, 1936. Class 38.
Schildge, George W., doing business as George W. Schildge Paper Co., Chicago, Ill. Toilet paper. 340,203; Nov. 3; Serial No. 379,769; published Aug. 18, 1936. Class 37.
Schildge, George W., doing business as George W. Schildge Paper Co., Chicago, Ill. Toilet paper. 340,204; Nov. 3; Serial No. 379,771; published Aug. 18, 1936. Class 37.
Schneider, Frank, College Point, N. Y. Sailboats. 340,249; Nov. 3; Serial No. 377,556; published Aug. 25, 1936. Class 19.
Schnering, Otto, doing business as Miraclejel Company, Chicago, Ill. Jelly powders. 340,250; Nov. 3; Serial No. 377,588; published Aug. 25, 1936. Class 46.
Schoeneman, J., Incorporated, Baltimore, Md. Coats, vests, trousers, etc. 340,154; Nov. 3; Serial No. 380,310; published Aug. 25, 1936. Class 39.
Schoenling Brewing and Ice Company, The, Cincinnati, Ohio. Beer. 340,205; Nov. 3; Serial No. 379,773; published Aug. 25, 1936. Class 48.
Sears, Roebuck and Co., Chicago, Ill. Silver tableware. 340,362; Nov. 3. Class 28.
Seaton, Hunley E., El Centro, Calif. Petroleum products. 340,281; Nov. 3; Serial No. 379,317; published Aug. 18, 1936. Class 15.
Security Products Company, Los Angeles, Calif. Ink wells. 340,363; Nov. 3. Class 37.
Segal Safety Razor Corporation, New York, N. Y. Pipes, cigar and cigarette holders, and filters for use in connection therewith. 340,144; Nov. 3; Serial No. 378,676; published Aug. 18, 1936. Class 8.
Selberling, Frederick A., doing business as Fred. A. Selberling Mfg. Co., Chicago, Ill. Tire fluids for pneumatic tires. 340,114; Nov. 3; Serial No. 375,830; published Aug. 25, 1936. Class 5.
Seldin, Benjamin, doing business as Seldin Coat Company, New York, N. Y. Women's coats and suits. 340,171; Nov. 3; Serial No. 378,954; published Aug. 25, 1936. Class 39.
Shaler Company, The, Waupun, Wis. Lubricating oil, motor gum solvent and compounding material for lubricating oils and greases. 340,285; Nov. 3; Serial No. 378,528; published Aug. 18, 1936. Class 15.
Sheaffer, W. A., Pen Company, Fort Madison, Iowa. Fountain pens. 340,303; Nov. 3; Serial No. 378,592; published Aug. 18, 1936. Class 37.
Shelley, John J., Jr., Kansas City, Mo. Board game. 340,088; Nov. 3; Serial No. 380,365; published Aug. 25, 1936. Class 22.
Sidrane, Frances, doing business as Elegant Premium Company, New York, N. Y. Cards for a guessing game. 340,282; Nov. 3; Serial No. 379,318; published Aug. 25, 1936. Class 22.
Silex Company, The, Hartford, Conn., assignor, by mesne assignments, to The Silex Company, 1936. Strainers for coffee makers. 340,170; Nov. 3; Serial No. 378,955; published Aug. 25, 1936. Class 13.
Silverman & Grean, Inc., New York, N. Y. Clothing and accessories. 340,309; Nov. 3; Serial No. 376,819; published Aug. 4, 1936. Class 39.
Siren Mills Corporation, Chicago, Ill. Chocolate milk drink. 340,153; Nov. 3; Serial No. 380,313; published Aug. 25, 1936. Class 46.
Smooth-On Manufacturing Company, Jersey City, N. J. Iron compound. 340,167; Nov. 3; Serial No. 379,063; published Aug. 11, 1936. Class 12.
Snyder, Paul, Baltimore, Md. Bathing suits. 340,130; Nov. 3; Serial No. 367,771; published Nov. 26, 1935. Class 39.

Societe Commerciale des Produits du Petrole, Paris, France. Lubricating oil. 340,120; Nov. 3; Serial No. 376,646; published Aug. 18, 1936. Class 15.
Societe Commerciale des Produits du Petrole. Lubricating oils. 340,121; Nov. 3; Serial No. 376,645; published Aug. 18, 1936. Class 15.
Societe Commerciale des Produits du Petrole, Paris, France. Lubricating oil. 340,122; Nov. 3; Serial No. 376,644; published Aug. 18, 1936. Class 15.
Societe Commerciale des Produits du Petrole, Paris, France. Heavy lubricating oil. 340,324; Nov. 3; Serial No. 376,647; published Aug. 18, 1936. Class 15.
Society Silk Lingerie Corporation, The, Michigan City, Ind. Ladies' lingerie. 340,209; Nov. 3; Serial No. 376,977; published Aug. 18, 1936. Class 39.
Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Floor oilers in the nature of mops. 340,286; Nov. 3; Serial No. 378,504; published Aug. 18, 1936. Class 29.
Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricating oils and greases. 340,261; Nov. 3; Serial No. 378,157; published Aug. 11, 1936. Class 15.
Solvang Diatomite Products & Engineering Company, Jersey City, N. J. Silica product. 340,268; Nov. 3; Serial No. 379,487; published Aug. 18, 1936. Class 1.
Southern Brighton Mills, Shannon, Ga. Net-like fabric. 340,211; Nov. 3; Serial No. 377,083; published Aug. 18, 1936. Class 50.
Southern States Oil Company, Charleston, S. C. Motor fuel oil, gasoline, kerosene, etc. 340,188; Nov. 3; Serial No. 365,484; published Aug. 18, 1936. Class 15.
Springdale Distilling Company, The. (See Berson, Joseph A.)
Staffelbach and Duffy Co., St. Louis, Mo. Mandolins, banjos, and guitars. 340,343; Nov. 3; Serial No. 380,596; published Aug. 25, 1936. Class 36.
Stebbins, Arthur, doing business as Rattan Ski Binding Co., New York, N. Y. Ski harness. 340,356; Nov. 3; Serial No. 380,889; published Aug. 25, 1936. Class 22.
Steel Publications, Inc., Pittsburgh, Pa. Periodical. 340,257; Nov. 3; Serial No. 377,809; published Aug. 25, 1936. Class 38.
Stehli & Co. Inc., New York, N. Y. Piece goods. 340,089; Nov. 3; Serial No. 380,368; published Aug. 25, 1936. Class 42.
Stein, S., & Co., New York, N. Y. Woolen goods. 340,104; Nov. 3; Serial No. 380,532; published Aug. 25, 1936. Class 42.
Stephens, Beatrice E. P., trustee, et al. (See Penley, Eugene W.)
Stephens, F. Owen, trustee, et al. (See Penley, Eugene W.)
Sterilek Company Inc., The, Brooklyn, N. Y. Facial tissue. 340,301; Nov. 3; Serial No. 379,814; published Aug. 18, 1936. Class 37.
Sterling Company, The. (See Reliance Manufacturing Company.)
Stevens & Thompson Paper Company, New York, N. Y. Paper towels. 340,221; Nov. 3; Serial No. 377,242; published Aug. 18, 1936. Class 37.
Stevenson-Benko Co., Chicago, Ill. Canned fruits and canned vegetables. 340,179; Nov. 3; Serial No. 318,260; published Aug. 25, 1936. Class 46.
Stirling, Lester, Co., The, Salinas, Calif. Fresh vegetables. 340,090; Nov. 3; Serial No. 380,369; published Aug 25, 1936. Class 46.
Strathmore Paper Company, West Springfield, Mass. Writing and printing paper. 340,198; Nov. 3; Serial No. 379,717; published Aug. 18, 1936. Class 37.
Sum-it Card Game, Ltd., Leeds, England. Card game. 340,109; Nov. 3; Serial No. 376,147; published Aug. 25, 1936. Class 22.
Super Oil Heet Co., Brooklyn, N. Y. Oil burners. 340,222; Nov. 3; Serial No. 377,247; published Aug. 25, 1936. Class 34.
Superior Chemical Products, Inc., Philadelphia, Pa. Insecticide. 340,312; Nov. 3; Serial No. 379,979; published Aug. 18, 1936. Class 6.
Sure Laboratories, Chicago, Ill. Breath purifiers. 340,152; Nov. 3; Serial No. 380,317; published Aug. 25, 1936. Class 6.
Swank Products, Inc. (See Baer & Wilde Company, The, assignor.)
Tailored Silk Undergarment Co., Inc., New York, N. Y. Nightgowns, pajamas, slips, etc. 340,134; Nov. 3; Serial No. 380,163; published Aug. 25, 1936. Class 39.
Taylor Instrument Companies, Rochester, N. Y. Hydrometers. 340,151; Nov. 3; Serial No. 380,318; published Aug. 25, 1936. Class 26.
Tingue, Brown & Co., New York, N. Y. Printing press blankets. 340,199; Nov. 3; Serial No. 379,719; published Aug. 18, 1936. Class 50.
Twitchell-Champlin Co., The, Portland, Maine, and Boston, Mass. Canned pineapple. 340,367; Nov. 3. Class 46.
Ulmann, Bernhard, Co. Inc., New York, N. Y. Art needlework package outfits. 340,331; Nov. 3; Serial No. 379,361; published Aug. 25, 1936. Class 40.
Ungerer & Company, New York, N. Y. Natural and synthetic products used for scenting purposes. 340,200; Nov. 3; Serial No. 379,724; published Aug. 18, 1936. Class 6.
Union Lithograph Co., Inc., The, assignor to S. S. Kauffman, Los Angeles, Calif. Moisture, water, and ray proof paper. 340,327; Nov. 3; Serial No. 376,784; published Aug. 18, 1936. Class 37.

United Cereals, Inc., Chester, Pa. Puffed cereals. 340,166; Nov. 3; Serial No. 379,064; published Aug. 25, 1936. Class 46.

United Drug Company, Boston, Mass. Sugar-coated chocolate pill for use as a laxative. 340,096; Nov. 3; Serial No. 380,467; published Aug. 25, 1936. Class 6.

United Motors Service Incorporated, Detroit, Mich., Magazine. 340,271; Nov. 3; Serial No. 379,577; published Aug. 25, 1936. Class 38.

Valk, S. J., & Son, New York, N. Y. Olive oil, olives, capers, etc. 340,106; Nov. 3; Serial No. 376,310; published Aug. 25, 1936. Class 46.

Wanda Garment Company, Los Angeles, Calif. Play suits, feminine pajamas, dresses, etc. 340,277; Nov. 3; Serial No. 376,313; published Aug. 25, 1936. Class 39.

Weinstein, Philip, doing business as Martin Weinstein Shoe Company, Brooklyn, N. Y. Shoes. 340,325; Nov. 3; Serial No. 376,701; published Aug. 4, 1936. Class 39.

Weishaum Bros., Brower Company, The, Cincinnati, Ohio. Men's neckties. 340,092; Nov. 3; Serial No. 380,423; published Aug. 25, 1936. Class 39.

Weisbaum Bros., Brower Company, The, Cincinnati, Ohio. Men's neckties. 340,093; Nov. 3; Serial No. 380,426; published Aug. 25, 1936. Class 39.

Weissman, Fred P., Inc., New York, N. Y. Coats and suits. 340,098; Nov. 3; Serial No. 380,487; published Aug. 25, 1936. Class 39.

Wessco Mfg. Co., Chicago, Ill. Coffee percolators. 340,206; Nov. 3; Serial No. 379,778; published Aug. 25, 1936. Class 13.

West, Frank W., doing business as Ideal Manufacturing Co., Bellefonte, Pa. Meat tenderer. 340,366; Nov. 3. Class 23.

Western Auto Supply Company, Kansas City, Mo. Radio receiving sets and radio tubes. 340,344; Nov. 3; Serial No. 380,605; published Aug. 25, 1936. Class 21.

Western Clock Company, Peru, Ill. Clocks and watches. 340,163; Nov. 3; Serial No. 379,158; published Aug. 18, 1936. Class 27.

Westfalia Separator Company, Inc., Bloomfield, N. J. Cream separators. 340,314; Nov. 3; Serial No. 380,028; published Aug. 25, 1936. Class 23.

Wizard Products Co., assignor to Wizard, Inc., Chicago, Ill. Toy sound-reproducing machine. 112,343; renewed Aug. 29, 1936.

Wolf, Hildegard M., doing business as H. M. Wolf, Manchester, N. H. Liniment for external purposes. 340,251; Nov. 3; Serial No. 377,616; published Aug. 25, 1936. Class 6.

Wolf, Nat, New York, N. Y. Cigarettes. 340,246; Nov. 3; Serial No. 377,529; published Aug. 18, 1936. Class 17.

Woodbury and Company, Inc., Worcester, Mass. Letterheads, billheads, statements, etc. 340,176; Nov. 3; Serial No. 379,223; published Aug. 25, 1936. Class 37.

Woolwine Metal Products Co., Los Angeles, Calif. Receptacles. 340,300; Nov. 3; Serial No. 379,820; published Aug. 25, 1936. Class 2.

Youngiove Grocery Company, Tacoma, Wash. Canned fruits and vegetables, canned fish, etc. 340,305; Nov. 3; Serial No. 377,332; published Aug. 25, 1936., Class 46.

Zeese-Wilkinson Co., Inc., Long Island City, N. Y. Printing plates. 340,239; Nov. 3; Serial No. 373,008; published Aug. 18, 1936. Class 50.

LIST OF REGISTRANTS OF LABELS

Anderson, J. H., Shenandoah, Iowa. Uncle Wash Stove Polish. For Stove Polish. 48,358; Nov. 3.

Bardell, J. C., San Francisco, Calif. San Francisco-Oakland Bay Bridge 18 Miniature Post Cards. For Miniature Post Cards. 48,359; Nov. 3.

Bardell, J. C., San Francisco, Calif. J. C. Bardell. For Pictures. 48,360; Nov. 3.

Bird & Son, Inc., East Walpole, Mass. Hassel's Shoes. For Shoes. 48,361; Nov. 3.

Clarke, Stanley F., New York, N. Y. Eureka Incense. For Incense. 48,362; Nov. 3.

D. F. S. Laboratories, Inc., Spokane, Wash. G E. For a Preparation for Treating Disorders of the Stomach. 48,363; Nov. 3.

Eckert, Richard E., Orange, Calif. Popeye Carica Tea. For Carica Tea. 48,364; Nov. 3.

Joy Products Corporation, Little Falls, N. Y. Dunwashin Diadies. For Diapers. 48,367; Nov. 3.

Kirkley, Charles R., Plymouth, Ind. Buddy Blocks. For Children's Play and Building Blocks. 48,365; Nov. 3.

Knight Paint & Varnish Co., Inc., Brooklyn, N. Y. Knight. For One Coat Gloss White. 48,366; Nov. 3.

Le Clair Oil Co., New York, N. Y. Reconditioning Egg White Egg'n'Oil Cream, Shampoo Massage. For a Cream for Massaging the Scalp and Shampooing the Hair. 48,368; Nov. 3.

Loewenthal, Siegfried, Company, Cleveland, Ohio. Cream of Rye. For Straight Rye Whiskey. 48,369; Nov. 3.

National Grocery Company, Jersey City, N. J. Honor Bread. For Bread. 48,370; Nov. 3.

Olds, C H, Chicago, Ill. Sun Glo Brand, Upholsterers Cleaner. For a Cleansing Preparation. 48,371; Nov. 3.

Standard Brands Incorporated New York, N. Y. Royal. For Salad Gelatin (Aspic). 48,372; Nov. 3.

Standards Brands Incorporated, New York, N. Y. Royal. For Chocolate Flavor Pudding. 48,373; Nov. 3.

Stevens Grease & Oil Company, The, Cleveland, Ohio. Golden Oil Soap. For Vegetable Oil Soap. 48,374; Nov. 3.

Stevens & Thompson Paper Company, New York, N. Y. Estey Fibre-Tex. For Towels. 48,375; Nov. 3.

Stevens & Thompson Paper Company, New York, N. Y. Estey Forest Fabric. For Towels. 48,376; Nov. 3.

Tivoli Brewing Company, Detroit, Mich. Tivoli Pale Select Beer, Toast of the Town. For Beer. 48,377; Nov. 3.

Western Waxed Paper Company, Oakland, Calif. Sliced Fine-Tex White. For White Bread. 48,378; Nov. 3.

Wight, Frank L., Distilling Company, The, Baltimore, Md. Congressional Club. For Straight Rye Whiskey. 48,379; Nov. 3.

LIST OF REGISTRANTS OF PRINTS

Dodge Manufacturing Corporation, Mishawaka, Ind. Rolling Bearings. For Antifriction Bearings and Bearing Structures. 15,908; Nov. 3.

Meyers, Louis, & Son, Inc., New York, N. Y. Hats and Gloves are a Natural Combination. For Gloves. 15,909; Nov. 3.

Mullins, John, & Sons, Inc., Brooklyn, N. Y. As One Twin to Another. For Furniture. 15,910; Nov. 3.

Perrone, Dionigi, doing business as Perrone Candy Co., New York, N. Y. Sweet and Low. For Pecans and Smooth Milk Chocolate. 15,911; Nov. 3.

Segal, H., New York, N. Y. Majestic. For Genuine English Leather Straps. 15,912; Nov. 3.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Grit, Poultry. Calcium Carbonate Company. 340,279; Nov. 3; Serial No. 379,227; published Aug. 18, 1936.

Hops. Hugo V. Loewi, Inc. 340,145; Nov. 3; Serial No. 378,663; published Aug. 18, 1936.

Organic or inorganic substances for use in industrial arts. Acheson Colloids Corporation. 340,165; Nov. 3; Serial No. 379,066; published Aug. 25, 1936.

Popcorn, lawn, and farm seeds. H. E. Bagnall. 340,160; Nov. 3; Serial No. 379,177; published Aug. 18, 1936.

Powdered compound. Breeze Corporations, Inc. 340,328; Nov. 3; Serial No. 376,794; published Aug. 18, 1936.

Roses and rose bushes. John Cook, Incorporated. 340,277–8; Nov. 3; Serial Nos. 377,538–9; published Aug. 25, 1936.

Rubber stock, Uncured camelback. Fisk Rubber Corporation. 340,332; Nov. 3; Serial No. 379,376; published Aug. 18, 1936.

Seed peas. Crites-Moscow Growers' Ass'n., Inc. 340,207; Nov. 3; Serial No. 379,792; published Aug. 18, 1936.

Silica product. Solvang Diatomite Products & Engineering Company. 340,268; Nov. 3; Serial No. 379,487; published Aug. 18, 1936.

Skins, Fur. Feshbach & Ackerman, Inc. 340,252; Nov. 3; Serial No. 377,677; published Aug. 18, 1936.

CLASS 2

Bags, Fabric. Percy Kent Bag Co. 340,128–9; Nov. 3; Serial Nos. 380,958–9; published Aug. 25, 1936.

Bags, Fabric. Percy Kent Bag Co. 340,143; Nov. 3; Serial No. 380,964; published Aug. 25, 1936.

Bags, Fabric. Percy Kent Bag Co. 340,339–42; Nov. 3; Serial Nos. 380,960–63; published Aug. 25, 1936.

Bags or containers, Paper. Benj C. Retner Co. 340,084; Nov. 3; Serial No. 381,187; published Aug. 25, 1936.

Bags, Paper. Robert Gaylord, Inc. 340,082; Nov. 3; Serial No. 381,072; published Aug. 25, 1936.

Boxes, Paper. Milwaukee Paper Box. Co. 114,518; renewed Dec. 19, 1936.

Cartons for cakes, etc. Lenk & Sprague Corporation. 340,319; Nov. 3; Serial No. 380,064; published Aug. 25, 1936.

Containers and cartons. Gardner-Richardson Company. 340,192; Nov. 3; Serial No. 367,096; published Aug. 25, 1936.

Cups or containers. Dixie-Vortex Company. 340,351; Nov. 3; Serial No. 380,703; published Aug. 25, 1936.

Receptacles. Woolwine Metal Products Co. 340,300; Nov. 3; Serial No. 379,820; published Aug. 25, 1936.

Tanks for use on trucks and trailers. Eaton Metal Products Company. 340,123; Nov. 3; Serial No. 376,577; published Aug. 25, 1936.

CLASS 3

Purses and pocketbooks, Ladies'. Wm. C. Rath Co. 340,347; Nov. 3; Serial No. 380,664; published Aug. 25, 1936.

CLASS 4

Cleaning powder for water closet bowls and automobile radiators. Hygienic Products Company. 340,178; Nov. 3; Serial No. 282,785; published Sept. 1, 1936.

CLASS 5

Cement, Cold patching. Goodyear Tire & Rubber Company. 340,101; Nov. 3; Serial No. 380,510; published Aug. 25, 1936.

Tire fluids for pneumatic tires. F. A. Seiberling. 340,114; Nov. 3; Serial No. 375,830; published Aug. 25, 1936.

CLASS 6

Breath purifiers. Sure Laboratories. 340,152; Nov. 3; Serial No. 380,317; published Aug. 25, 1936.

Chemicals adapted for dyeing, bleaching, finishing, etc. Royce Chemical Company. 340,177; Nov. 3; Serial No. 379,212; published Aug. 25, 1936.

Compound in powder form for the moth-proofing of fabrics. Merchants Chemical Company. 340,136; Nov. 3; Serial No. 380,154; published Aug. 25, 1936.

Cosmetics and toilet preparations. Benjamin Ansehl Company. 340,284; Nov. 3; Serial No. 378,544; published Aug. 18, 1936.

Eau de cologne, lavender water, hair washes, etc. Ferd. Mulhens, Inc. 340,110; Nov. 3; Serial No. 376,098; published Aug. 18, 1936.

Fluids for disinfecting telephones. W. R. McDonald. 340,304; Nov. 3; Serial No. 378,576; published Aug. 18, 1936.

Hepatic insufficiency, intestinal putrefaction, etc. Paul Plessner Co. 114,543; renewed Dec. 19, 1936.

Insecticide. Superior Chemical Products, Inc. 340,312; Nov. 3; Serial No. 379,979; published Aug. 18, 1936.

Liniment for external purposes. H. M. Wolf. 340,251; Nov. 3; Serial No. 377,616; published Aug. 25, 1936.

Medicinal and cosmetic products. Naamlooze Vennootschap Drogerijen Maatschappij. 340,183; Nov. 3; Serial No. 357,500; published Aug. 25, 1936.

Medicinal preparation. H. A. Blumer. 340,313; Nov. 3; Serial No. 379,994; published Aug. 18, 1936.

Medicinal preparation. C. H. Crain. 340,316; Nov. 3; Serial No. 380,040; published Aug. 18, 1936.

Medicinal preparations. J. E. Clark. 340,315; Nov. 3; Serial No. 380,036; published Aug. 18, 1936.

Methanol and radiator anti-freeze solutions. Commercial Solvents Corporation. 340,091; Nov. 3; Serial No. 380,385; published Aug. 25, 1936.

Pill for use as a laxative. Sugar-coated chocolate. United Drug Company. 340,096; Nov. 3; Serial No. 380,467; published Aug. 25, 1936.

Powder, cold-cream, rouge, etc., Face. Armand Company. 115,053; renewed Jan. 23, 1937.

Powder, cold-cream, rouge, etc., Face. Armand Company. 115,274; renewed Feb. 6, 1937.

Preparation for the treatment of oral infections. C. A. Bergin. 340,237; Nov. 3; Serial No. 373,555; published Aug. 18, 1936.

Preparation for use in the treatment of anemia, Liquid. Pitman-Moore Company. 340,364; Nov. 3.

Preparation to be used as a gargle for inflamed or sore throat. Archer-Taylor Drug Company. 340,175; Nov. 3; Serial No. 378,817; published Aug. 18, 1936.

Preserver, Meat. Bluffton Chemical Company. 112,846; Renewed Oct. 3, 1936.

Products used for scenting purposes, Natural and synthetic. Ungerer & Company. 340,200; Nov. 3; Serial No. 379,724; published Aug. 18, 1936.

Remedy for neuralgia and rheumatism and blood-purifier. M. Galambos. 111,493; renewed July 18, 1936.

Scalp stimulant, after shave lotion, eau de cologne. Lentheric, Incorporated. 340,139; Nov. 3; Serial No. 380,110; published Aug. 18, 1936.

CLASS 8

Boxes or other containers for cigarettes, cigars, etc. B. Evans. 340,111; Nov. 3; Serial No. 376,040; published Aug. 18, 1936.

Pipes, cigars, and cigarette holders, and filters for use in connection therewith. Segal Safety Razor Corporation. 340,144; Nov. 3; Serial No. 378,676; published Aug. 18, 1936.

Pipes, pipe racks, and humidors, Briar smoking. Gimbel Brothers, Inc. 340,368; Nov. 3.

CLASS 9

Explosives. Atlas Powder Company. 340,124–5; Nov. 3; Serial Nos. 380,899–900; published Aug. 25, 1936.

CLASS 10

Fertilizers. Caldwell Seed Company. 340,201; Nov. 3; Serial No. 379,735; published Aug. 25, 1936.

CLASS 12

Asphaltic paving material. Roxanda Mines, Inc. 340,228; Nov. 3; Serial No. 374,942; published Aug. 11, 1936.

Cement, Portland. Aetna Portland Cement Co. 340,243; Nov. 3; Serial No. 371,250; published Aug. 11, 1936.

Cement, Portland. International Cement Corporation. 340,287; Nov. 3; Serial No. 378,400; published Aug. 18, 1936.

Cement, Portland. International Cement Corporation. 340,330; Nov. 3; Serial No. 376,805; published Aug. 18, 1936.

Chemical liquid for use instead of water for mixing Portland cement to control the setting time of the cement. Control Products Company. 340,208; Nov. 3; Serial No. 376,880; published Aug. 11, 1936.

Iron compound. Smooth-On Manufacturing Company. 340,167; Nov. 3; Serial No. 379,063; published Aug. 11, 1936.

Tiles. American Encaustic Tiling Co. Ltd. 115,717; renewed Mar. 6, 1937.

CLASS 13

Bath tubs, lavatories, sinks, etc. Fixzit System, Inc. 340,292; Nov. 3; Serial No. 376,841; published Aug. 25, 1936.

Couplings and connectors, Thin wall pipe. T. W. Briegel. 340,116; Nov. 3; Serial No. 375,751; published Aug. 25, 1936.

Couplings, Metallic hose. Flex-O-Tube Co. 340,238; Nov. 3; Serial No. 373,374; published Aug. 25, 1936.

Fasteners and snap or spring-hooks, Separable slide. Hans Dittmayer & Co. 340,197; Nov. 3; Serial No. 370,340; published Aug. 25, 1936.

Fasteners, Scored metal drive pin. Rawplug Company. 340,117; Nov. 3; Serial No. 375,724; published Aug. 25, 1936.

Handle, Radiator. Chicago Specialty Mfg. Co. 340,196; Nov. 3; Serial No. 369,733; published Aug. 25, 1936.

Nuts, lock nuts, and lock washers. Palnut Company. 340,210; Nov. 3; Serial No. 377,060; published Aug. 25, 1936.

Percolators, Coffee. Wessco Mfg. Co. 340,206; Nov. 3; Serial No. 379,778; published Aug. 25, 1936.

Pipe fittings. Corning Glass Works. 340,173; Nov. 3; Serial No. 378,827; published Aug. 25, 1936.

Pitchers, Base metal can holding. N. H. Buschman. 340,339; Nov. 3; Serial No. 376,795; published Aug. 25, 1936.

Racks and bars, Wall towel and drying. S. C. Brody. 340,232; Nov. 3; Serial No. 374,282; published Aug. 25, 1936.

Rods, Metal closet. S. C. Brody. 340,365; Nov. 3.

Screw anchors. Rawplug Company. 340,359; Nov. 3.

Strainers for coffee makers. Silex Company. 340,170; Nov. 3; Serial No. 378,955; published Aug. 25, 1936.

Tanks, bowls, and unit closets, Water. National-Helfrich Potteries Company. 340,306; Nov. 3; Serial No. 377,409; published Aug. 25, 1936.

Water softening apparatus. National Aluminate Corporation. 340,220; Nov. 3; Serial No. 377,227; published Aug. 25, 1936.

Wire cloth. Reynolds Wire Co. 340,253; Nov. 3; Serial No. 377,768; published Aug. 25, 1936.

Wire in spools, Barbed. Jones & Laughlin Steel Corporation. 340,308; Nov. 3; Serial No. 377,514; published Aug. 25, 1936.

CLASS 14

Derails, Metal. Madden Company. 115,644; renewed Feb. 27, 1937.

Welding rods (electrodes). Harnischfeger Corporation. 340,335; Nov. 3; Serial No. 378,786; published Aug. 18, 1936.

CLASS 15

Gasoline. Ruggles-Jackson Company. 340,290; Nov. 3; Serial No. 378,348; published Aug. 11, 1936.

Oil, Fuel. Buckley & Scott, Inc. 340,240; Nov. 3; Serial No. 372,762; published Aug. 18, 1936.

Oil, gasoline, kerosene, etc., Motor fuel. Southern States Oil Company. 340,188; Nov. 3; Serial No. 365,484; published Aug. 18, 1936.

Oil, Heavy lubricating. Societe Commerciale des Produits du Petrole. 340,324; Nov. 3; Serial No. 376,647; published Aug. 18, 1936.
Oil, Lubricating. Societe Commerciale des Produits du Petrole. 340,120; Nov. 3; Serial No. 376,646; published Aug. 18, 1936.
Oil, Lubricating. Societe Commerciale des Produits du Petrole. 340,122; Nov. 3; Serial No. 376,644; published Aug. 18, 1936.
Oils and greases, Lubricating. Calumet Refining Co. 340,174; Nov. 3; Serial No. 378,825; published Aug. 11, 1936.
Oils and greases, Lubricating. Socony-Vacuum Oil Company. 340,261; Nov. 3; Serial No. 378,157; published Aug. 11, 1936.
Oils, Lubricating. Societe Commerciale des Produits du Petrole. 340,121; Nov. 3; Serial No. 376,645; published Aug. 18, 1936.
Petroleum products. H. E. Seaton. 340,281; Nov. 3; Serial No. 379,317; published Aug. 18, 1936.
Solvent and compounding material for lubricating oils and greases, lubricating oil, motor gum. Shaler Company. 340,285; Nov. 3; Serial No. 378,528; published Aug. 18, 1936.

CLASS 16

Cellulose liquid finishing compound. Amiglaze Company. 340,278; Nov. 3; Serial No. 379,224; published Aug. 25, 1936.
Coating materials. Franklin Research Company. 340,296; Nov. 3; Serial No. 379,888; published Aug. 25, 1936.
Enamel having a varnish base. W. F. Ritter. 340,172; Nov. 3; Serial No. 378,857; published Aug. 25, 1936.
Lacquers. Eastman Kodak Co. 113,039; renewed Oct. 10, 1936.
Paint finish, ready mixed paints, paint enamel, etc. F. A. Lifter. 340,133; Nov. 3; Serial No. 380,209; published Aug. 25, 1936.
Paint, varnishes, stains, and paint enamels. General Paint & Varnish Co. 340,083; Nov. 3; Serial No. 381,126; published Aug. 25, 1936.
Paints, Marine. Devoe & Raynolds Company. 340,131; Nov. 3; Serial No. 380,248; published Aug. 25, 1936.
Varnish-finish, Colored. Fort Wayne Drug Company. 115,604; renewed Feb. 27, 1937.

CLASS 17

Cigarettes. N. Wolf. 340,246; Nov. 3; Serial No. 377,529; published Aug. 18, 1936.
Cigars. H. Fendrich Inc. 340,267; Nov. 3; Serial No. 379,422; published Aug. 18, 1936.

CLASS 19

Metal products. Consolidated Jewelers Mfg. Corp. 340,107; Nov. 3; Serial No. 376,259; published Aug. 25, 1936.
Mirrors, Automobile truck and bus. A. W. Rosen & Co. 340,158; Nov. 3; Serial No. 379,211; published Aug. 25, 1936.
Sailboats. F. Schneider. 340,249; Nov. 3; Serial No. 377,556; published Aug. 25, 1936.
Trailer for attachment to automotive vehicle. Peninsular Metal Products Corporation. 340,162; Nov. 3; Serial No. 379,171; published Aug. 25, 1936.
Vehicle bodies and parts thereof, Sectional metal. Kirk & Blum Manufacturing Company. 340,270; Nov. 3; Serial No. 379,560; published Aug. 25, 1936.
Windshield wipers and parts thereof. Anderson Company. 340,266; Nov. 3; Serial No. 379,413; published Aug. 25, 1936.
Windshield wipers and parts thereof. Anderson Company. 340,334; Nov. 3; Serial No. 379,410; published Aug. 25, 1936.

CLASS 21

Batteries, Dry cell. Burgess Battery Company. 340,358; Nov. 3.
Electrically driven apparatus and electrically-heated apparatus. Landers, Frary & Clark. 340,336; Nov. 3; Serial No. 378,698; published Aug. 25, 1936.
Fans, Electric. J. S. Losee. 340,241; Nov. 3; Serial No. 371,877; published Aug. 25, 1936.
Radio receiving sets and radio tubes. Western Auto Supply Company. 340,344; Nov. 3; Serial No. 380,605; published Aug. 25, 1936.
Switches, Fuse. James R. Kearney Corporation. 340,361; Nov. 3.

CLASS 22

Baits, Artificial. James Heddon's Sons. 340,269; Nov. 3; Serial No. 379,559; published Aug. 25, 1936.
Cards for a guessing game. F. Sidrane. 340,282; Nov. 3; Serial No. 379,318; published Aug. 25, 1936.
Game, Board. John J. Shelley, Jr. 340,088; Nov. 3; Serial No. 380,365; published Aug. 25, 1936.
Game, Card. Sum-It Card Game, Ltd. 340,109; Nov. 3; Serial No. 376,147; published Aug. 25, 1936.
Games, Card. P. Alexander. 340,349; Nov. 3; Serial No. 380,690; published Aug. 25, 1936.
Golf-balls. W. T. Henley's Telegraph Works Co. Ltd. 114,471; renewed Dec. 19, 1936.
Golf club shafts and heads. G. E. Barnhart. 340,350; Nov. 3; Serial No. 380,692; published Aug. 25, 1936.
Golf clubs, tennis, badminton, and squash rackets and hand grips therefor. A. Pardoe. 340,262; Nov. 3; Serial No. 378,167; published Aug. 25, 1936.
Grips and gripping materials for use on golf clubs. R. C. Henderson. 340,102; Nov. 3; Serial No. 380,512; published Aug. 25, 1936.
Racket strings. Johnson Suture Corporation. 340,345; Nov. 3; Serial No. 380,642; published Aug. 25, 1936.
Ski harness. A. Stebbins. 340,356; Nov. 3; Serial No. 380,889; published Aug. 25, 1936.
Tennis rackets. Hollywood Racket Mfg. Co. 340,299; Nov. 3; Serial No. 379,842; published Aug. 25, 1936.
Toy sound-reproducing machine. Wizard Products Co. 112,343; renewed Aug. 29, 1936.

CLASS 23

Belts, cylinder moulds, dandy roll, etc., Woven wire paper machine. Eastwood-Nealley Corporation. 340,254–5; Nov. 3; Serial No. 377,781–2; published Aug. 25, 1936.
Choppers, Meat. Husqvarna Vapenfabriks Aktiebolag; 114,356; renewed Dec. 12, 1936.
Engines, Internal-combustion. St. Marys Oil Engine Company. 112,223; renewed Aug. 22, 1936.
Meat tenderer. F. W. West. 340,366; Nov. 3.
Pumps, Rotary. Blackmer Rotary Pump Co. 115,583; renewed Feb. 27, 1937.
Razor blades. Federal Razor Blade Company. 340,148; Nov. 3; Serial No. 380,268; published Aug. 25, 1936.
Razors, shears, scissors, etc. C. S. Bresnick. 340,274; Nov. 3; Serial No. 379,666; published Aug. 25, 1936.
Separators, Cream. Westfalia Separator Company. 340,314; Nov. 3; Serial No. 380,028; published Aug. 25, 1936.

CLASS 26

Film, photographic-film supports, and photographic-printing masks, Photographic. Eastman Kodak Co. 113,234; renewed Oct. 10, 1936.
Film, Sensitive photographic. Eastman Kodak Co. 112,862–73; renewed Oct. 3, 1936.
Film, Sensitive photographic. Eastman Kodak Co. 113,036–8; renewed Oct. 10, 1936.
Hydrometers. Taylor Instrument Companies. 340,151; Nov. 3; Serial No. 380,318; published Aug. 25, 1936.
Measuring and scientific appliances. Landers, Frary & Clark. 113,889; removed Nov. 7, 1936.

CLASS 27

Clocks and watches. Western Clock Company. 340,163; Nov. 3; Serial No. 379,158; published Aug. 18, 1936.
Watches, watch-movements, and watch-cases. Chatelain Leal & Cie. 113,354; renewed Oct. 17, 1936.

CLASS 28

Tableware, Silver. Sears, Roebuck and Co. 340,362; Nov. 3.

CLASS 29

Floor oilers in the nature of mops. Socony-Vacuum Oil Company. 340,286; Nov. 3; Serial No. 378,504; published Aug. 18, 1936.

CLASS 30

Chinaware, porcelainware, earthenware, etc. Pope-Gosser China Co. 340,320; Nov. 3; Serial No. 380,074; published Aug. 25, 1936.

CLASS 31

Refrigerators and parts thereof, and refrigerating systems. Electrolux Servel Corporation. 340,180; Nov. 3; Serial No. 333,796; published Aug. 25, 1936.

CLASS 32

Furniture, Infants' and nursery. Baby Bathinette Corporation. 340,295; Nov. 3; Serial No. 379,943; published Aug. 25, 1936.

CLASS 33

Glass, Sheet. American Window Glass Company. 340,244; Nov. 3; Serial No. 371,128; published Aug. 25, 1936.
Glass trays, bowls, dinner service sets, etc. Benduro, Inc. 340,231; Nov. 3; Serial No. 374,509; published Aug. 25, 1936.
Glassware. Pope-Gosser China Co. 340,321; Nov. 3; Serial No. 380,075; published Aug. 25, 1936.

CLASS 34

Burners, Oil. Super Oil Heet Co. 340,222; Nov. 3; Serial No. 377,247; published Aug. 25, 1936.
Doors and operating mechanism therefor for heaters and the like. Estate Stove Company. 340,182; Nov. 3; Serial No. 353,847; published Aug. 25, 1936.
Heaters, draft regulators and refractory combustion chambers, etc. Melchior, Armstrong, Dessau Co. of Delaware, Inc. 340,118; Nov. 3; Serial No. 375,335; published Aug. 25, 1936.
Lamp lenses. Globe Specialty Company. 340,218–19; Nov. 3; Serial Nos. 377,147–8; published Aug. 25, 1936.
Stoves. American Stove Company. 340,227; Nov. 3; Serial No. 375,002; published Aug. 25, 1936.
Torches, Blast. S. C. Brody. 340,234; Nov. 3; Serial No. 374,277; published Aug. 25, 1936.

CLASS 35

Vulcanizing units and special rubber patch units for use therewith, Portable electric. Dill Manufacturing Company. 340,108; Nov. 3; Serial No. 376,196; published Aug. 25, 1936.

CLASS 36

Mandolins, banjos, and guitars. Staffelbach and Duffy Co. 340,343; Nov. 3; Serial No. 380,596; published Aug. 25, 1936.

CLASS 37

Envelopes and enclosing wrappers. Santa Claus Remailing Corporation. 340,265; Nov. 3; Serial No. 378,344; published Aug. 18, 1936.
Folders, Paper. Gift Box Corporation. 340,372; Nov. 3.
Ink wells. Security Products Company. 340,363; Nov. 3.
Letter-heads, bill-heads, statements, etc. Woodbury and Company. 340,176; Nov. 3; Serial No. 379,223; published Aug. 25, 1936.
Paper. Ditto, Incorporated. 340,213; Nov. 3; Serial No. 377,098; published Aug. 25, 1936.
Paper. Ditto, Incorporated. 340,214–16; Nov. 3; Serial Nos. 377,105–7; published Aug. 25, 1936.
Paper, Moisture, water, and ray proof. Union Lithograph Co. 340,327; Nov. 3; Serial No. 376,784; published Aug. 18, 1936.
Paper, Toilet. Nation Wide Papers, Inc. 340,224; Nov. 3; Serial No. 377,315; published Aug. 18, 1936.
Paper, Toilet. G. W. Schildge. 340,203; Nov. 3; Serial No. 379,760; published Aug. 18, 1936.
Paper, Toilet. G. W. Schildge. 340,204; Nov. 3; Serial No. 379,771; published Aug. 18, 1936.
Paper towels. Stevens & Thompson Paper Company. 340,221; Nov. 3; Serial No. 377,242; published Aug. 18, 1936.
Paper, Transparent glassine. Russell Paper Goods Company. 340,164; Nov. 3; Serial No. 379,143; published Aug. 18, 1936.
Paper, Wall. Isgo Wall Paper Corporation. 340,272; Nov. 3; Serial No. 379,618; published Aug. 18, 1936.
Paper, Writing and printing. Strathmore Paper Company. 340,198; Nov. 3; Serial No. 379,717; published Aug. 18, 1936.
Pens and pen nibs for fountain pens, Fountain. Chilton Pen Company. 340,186; Nov. 3; Serial No. 364,538; published Aug. 18, 1936.
Pens, Fountain. W. A. Sheaffer Pen Company. 340,303; Nov. 3; Serial No. 378,592; published Aug. 18, 1936.
Tissue, Facial. Sterilek Company, Inc. 340,301; Nov. 3; Serial No. 379,814; published Aug. 18, 1936.
Tissues, Cosmetic. Harriet Hubbard Ayer, Inc. 340,184; Nov. 3; Serial No. 359,497; published Aug. 25, 1936.

CLASS 38

Calendars. Santa Claus Remailing Corporation. 340,337; Nov. 3; Serial No. 378,714; published Aug. 18, 1936.
Certificates, Gift. Santa Claus Remailing Corporation. 340,264; Nov. 3; Serial No. 378,343; published Aug. 18, 1936.
Columns published in newspapers, etc. F. M. Kelly. 340,189; Nov. 3; Serial No. 365,569; published Sept. 10, 1935.
Magazine. United Motors Service Incorporated. 340,271; Nov. 3; Serial No. 379,577; published Aug. 25, 1936.
Periodical. American Journal of Surgery, Inc. 340,258; Nov. 3; Serial No. 377,819; published Aug. 25, 1936.
Periodical. Brides House, Inc. 340,115; Nov. 3; Serial No. 375,828; published Aug. 18, 1936.
Periodical. D. D. Runes. 340,236; Nov. 3; Serial No. 373,621; published Aug. 18, 1936.
Periodical. Steel Publications, Inc. 340,257; Nov. 3; Serial No. 377,809; published Aug. 25, 1936.
Tags. Santa Claus Remailing Corporation. 340,291; Nov. 3; Serial No. 378,345; published Aug. 18, 1936.

CLASS 39

Boots and shoes. B. Brown. 113,556; renewed Oct. 24, 1936.
Caps and shower caps, Bathing. American Latex Corporation. 340,225; Nov. 3; Serial No. 375,195; published Aug. 4, 1936.
Clothes, Work. Hawk and Buck Company. 340,333; Nov. 3; Serial No. 379,380; published Aug. 25, 1936.
Clothing and accessories. Silverman & Grean, Inc. 340,309; Nov. 3; Serial No. 376,819; published Aug. 4, 1936.
Coats and suits. Fred P. Weissman, Inc. 340,098; Nov. 3; Serial No. 380,487; published Aug. 25, 1936.
Coats, suits, and dresses, Ladies' and misses'. H. Bomze and Bro. 340,297–8; Nov. 3; Serial No. 379,869–70; published Aug. 25, 1936.
Coats and suits, Woman's. B. Seldin. 340,171; Nov. 3; Serial No. 378,954; published Aug. 25, 1936.
Coats, vests, trousers, etc. J. Schoeneman, Incorporated. 340,154; Nov. 3; Serial No. 380,310; published Aug. 25, 1936.
Dresses. Robinson Brothers. 340,103; Nov. 3; Serial No. 380,528; published Aug. 25, 1936.
Gloves. American Merchandise Co. 340,161; Nov. 3; Serial No. 379,173; published Aug. 4, 1936.
Hats, Men's. Capson Hat Co. Inc. 340,288; Nov. 3; Serial No. 378,392; published Aug. 4, 1936.
Hats, suits, hosiery, etc. P. A. Meyer & Sons. 340,326; Nov. 3; Serial No. 376,728; published Aug. 4, 1936.
Lingerie, Ladies'. Society Silk Lingerie Corporation. 340,209; Nov. 3; Serial No. 376,977; published Aug. 18, 1936.
Neckties, Men's. Weisbaum Bros., Brower Company. 340,092; Nov. 3; Serial No. 380,423; published Aug. 25, 1936.
Neckties, Men's. Weisbaum Bros., Brower Company. 340,093; Nov. 3; Serial No. 380,426; published Aug. 25, 1936.
Nightgowns, pajamas, slips, etc. Tailored Silk Undergarment Co. Inc. 340,134; Nov. 3; Serial No. 380,163; published Aug. 25, 1936.
Pajamas and night gowns, Ladies'. Reliance Manufacturing Company. 340,087; Nov. 3; Serial No. 380,363; published Aug. 25, 1936.
Shirts, pajamas, and underwear. Wm. Haberman Corp. 340,217; Nov. 3; Serial No. 377,113; published Aug. 18, 1936.
Shirts, undershirts, collars, etc. E. K. Greenberger. 340,338; Nov. 3; Serial No. 378,750; published Aug. 18, 1936.
Shoes. Dixon-Bartlett Company. 340,260; Nov. 3; Serial No. 378,069; published Aug. 4, 1936.
Shoes. Pontiac Shoe Manufacturing Company. 340,080; Nov. 3; Serial No. 378,757; published Aug. 4, 1936.
Shoes, P. Weinstein. 340,325; Nov. 3; Serial No. 376,701; published Aug. 4, 1936.
Shoes, Children's. Morris Shoe Co. Inc. 340,079; Nov. 3; Serial No. 378,755; published Aug. 4, 1936.
Shoes, Ladies. I. Miller & Sons, Inc. 340,229; Nov. 3; Serial No. 374,934; published Aug. 4, 1936.
Slips and pyjamas. Dube Undergarment Co. 340,233; Nov. 3; Serial No. 373,953; published Aug. 4, 1936.
Suits, Bathing. P. Snyder. 340,130; Nov. 3; Serial No. 367,771; published Nov. 26, 1935.
Suits, feminine pajamas, dresses, etc., Play. Wanda Garment Company. 340,277; Nov. 3; Serial No. 376,313; published Aug. 25, 1936.
Suits, topcoats, and overcoats. Levy Bros. & Adler Rochester, Incorporated. 340,302; Nov. 3; Serial No. 379,805; published Aug. 18, 1936.
Sweaters and bathing suits. Paragon Knitting Mills, Inc. 340,097; Nov. 3; Serial No. 380,481; published Aug. 25, 1936.
Sweaters, dresses, coats, etc., Knitted. Bermuda Knitwear Corp. 340,212; Nov. 3; Serial No. 377,093; published Aug. 4, 1936.
Undergarments, Ladies'. Almo Undergarment Company. 340,137–8; Nov. 3; Serial Nos. 380,135–6; published Aug. 18, 1936.
Underwear. B. V. D. Company. 340,094; Nov. 3; Serial No. 380,437; published Aug. 25, 1936.
Underwear, slips, pajamas, etc. Lande & Miskend, Inc. 340,168; Nov. 3; Serial No. 379,001; published Aug. 18, 1936.

CLASS 40

Bandeaus of braided, knitted, and textile material. Consolidated Trimming Corporation. 340,259; Nov. 3; Serial No. 377,836; published Aug. 4, 1936.
Buttons, slides, buckles, etc. Automatic Pearl Button Co. 340,263; Nov. 3; Serial No. 378,295; published Aug. 4, 1936.
Comb, Hair thinning. Pramark Distributing Co. 340,078; Nov. 3; Serial No. 378,801; published Aug. 11, 1936.
Labels, Printed cloth. Kaumagraph Company. 340,256; Nov. 3; Serial No. 377,795; published July 14, 1936.
Needlework package outfits, Art. Bernhard Ulmann Co. Inc. 340,331; Nov. 3; Serial No. 379,361; published Aug. 25, 1936.
Pins, snap fasteners, hooks and eyes, etc. William Prym of America. 340,276; Nov. 3; Serial No. 376,444; published July 14, 1936.
Toilet sets. Baer & Wilde Company. 340,191; Nov. 3; Serial No. 366,354; published Aug. 11, 1936.

CLASS 42

Collar linings. Cold Spring Bleachery. 340,289; Nov. 3; Serial No. 378,359; published Aug. 25, 1936.
Cotton piece goods. Burton Brothers & Co. Inc. 340,322; Nov. 3; Serial No. 380,097; published Aug. 25, 1936.
Cotton, rayon, acetate, etc., piece goods. Cohn-Hall-Marx Co. 340,100; Nov. 3; Serial No. 380,500; published Aug. 25, 1936.
Hairnets. J. C. Herzog. 340,105; Nov. 3; Serial No. 380,569; published Aug. 25, 1936.
Piece goods. Stehli & Co. Inc. 340,089; Nov. 3; Serial No. 380,368; published Aug. 25, 1936.
Piece goods with cotton warp and filling of wool, mohair, or alpaca. Lesher, Whitman & Co. 115,638; renewed Feb. 27, 1937.
Silk piece goods. H. R. Mallinson & Co. 115,779; renewed Mar. 6, 1937.
Silk piece goods. H. R. Mallinson & Co. 115,856–7; renewed Mar. 13, 1937.
Silk piece goods. Martha Mills Inc. 340,352; Nov. 3; Serial No. 380,779; published Aug. 25, 1936.
Silk piece goods. Onondaga Silk Company. 340,132; Nov. 3; Serial No. 380,223; published Aug. 25, 1936.
Woolen goods. Hind & Harrison Plush Company. 340,190; Nov. 3; Serial No. 366,322; published Aug. 25, 1936.
Woolen goods. S. Stein & Co. 340,104; Nov. 3; Serial No. 380,532; published Aug. 25, 1936.

Woolen piece goods. Forstmann Woolen Co. 340,095; Nov. 3; Serial No. 380,449; published Aug. 25, 1936.
Woolen piece goods. Forstmann Woolen Co. 340,275; Nov. 3; Serial No. 379,697; published Aug. 25, 1936.

CLASS 43

Yarn and thread. H. Hillman. 340,185; Nov. 3; Serial No. 361,678; published Aug. 18, 1936.
Yarns. G. E. Osborne. 340,155–6; Nov. 3; Serial Nos. 380,302–3; published Aug. 25, 1936.

CLASS 44

Chin strap and facial contour moulder. M. Quiros. 340,135; Nov. 3; Serial No. 380,157; published Aug. 25, 1936.
Hair waving devices. M. Ginlafos. 340,202; Nov. 3; Serial No. 379,745; published Aug. 25, 1936.
Therapeutic lamps. R. J. Lindquist. 340,113; Nov. 3; Serial No. 375,943; published Aug. 25, 1936.
Wire for dental purposes. Austenal Laboratories, Inc. 340,273; Nov. 3; Serial No. 379,661; published Aug. 25, 1936.

CLASS 45

Beverage. Pineapple juice. Richmond-Chase Company. 340,355; Nov. 3; Serial No. 380,795; published Aug. 25, 1936.
Beverages, Maltless. Richmond-Chase Company. 340,354; Nov. 3; Serial No. 380,794; published Aug. 25, 1936.
Mixer designed to be used in the preparation of alcoholic beverages. Jero Products Co. 340,126; Nov. 3; Serial No. 380,950; published Aug. 25, 1936.
Syrups, Soda fountain. Lyons-Magnus, Inc. 340,127; Nov. 3; Serial No. 380,955; published Aug. 25, 1936.

CLASS 46

Bread. American Stores Company. 340,150; Nov. 3; Serial No. 380,337; published Aug. 25, 1936.
Bread crumbs. General Baking Company. 340,235; Nov. 3; Serial No. 373,868; published Aug. 25, 1936.
Candy and chocolates. Diana Chocolate Co. 110,638; renewed June 6, 1936.
Canned breakfast food. K. Krudop. 340,119; Nov. 3; Serial No. 375,253; published Aug. 25, 1936.
Canned corn. Burnham & Morrill Company. 340,159; Nov. 3; Serial No. 379,185; published Aug. 25, 1936.
Canned fruits. Bercut-Richards Packing Co. 340,195; Nov. 3; Serial No. 369,150; published Aug. 25, 1936.
Canned fruits and canned vegetables. Stevenson-Benko Co. 340,179; Nov. 3; Serial No. 318,260; published Aug. 25, 1936.
Canned fruits and vegetables, canned fish, etc. Younglove Grocery Company. 340,305; Nov. 3; Serial No. 377,332; published Aug. 25, 1936.
Canned pineapple. Twitchell-Champlin Co. 340,367; Nov. 3.
Cereals, Puffed. United Cereals, Inc. 340,166; Nov. 3; Serial No. 379,064; published Aug. 25, 1936.
Cherries, Preserved. Fruit Products Corporation. 340,323; Nov. 3; Serial No. 380,100; published Aug. 25, 1936.
Coffee. Stanley W. Ferguson, Inc. 340,245; Nov. 3; Serial No. 376,840; published Aug. 25, 1936.
Coffee, Roasted. Martin Bros. Co. 340,157; Nov. 3; Serial No. 380,289; published Aug. 25, 1936.
Fish, Preserved. Mariano, Lopes & Companhia, Limitada. 340,086; Nov. 3; Serial No. 380,357; published Aug. 25, 1936.
Food flavors, Natural and imitation. Fritzsche Brothers, Inc. 340,149; Nov. 3; Serial No. 380,348; published Aug. 25, 1936.
Foods. E. W. Penley. 112,553; renewed Sept. 12, 1936.
Fruit, Fresh citrus. Olive Hillside Groves. 340,346; Nov. 3; Serial No. 380,658; published Aug. 25, 1936.
Fruit, Fresh citrus. Riverside Citrus Assn. 340,360; Nov. 3.
Fruit preserves. Glasser, Crandell Co. 340,226; Nov. 3; Serial No. 375,144; published July 28, 1936.
Fruits, Fresh deciduous. California Fruit Exchange. 340,147; Nov. 3; Serial No. 380,257; published Aug. 25, 1936.
Hams, bacon, lard, etc. E. W. Penley. 112,215; renewed Aug. 22, 1936.
Jelly powders. O. Schnering. 340,250; Nov. 3; Serial No. 377,588; published Aug. 25, 1936.
Livestock and poultry concentrate. Iowa Feed Corporation. 340,283; Nov. 3; Serial No. 379,343; published Aug. 25, 1936.
Meats, sausages, lard, etc. Kingan & Company. 115,766; renewed Mar. 6, 1937.
Milk drink, Chocolate. Siren Mills Corporation. 340,153; Nov. 3; Serial No. 380,313; published Aug. 25, 1936.
Olive oil, olives, capers, etc. S. J. Valk & Son. 340,106; Nov. 3; Serial No. 376,310; published Aug. 25, 1936.
Popcorn, Cheese-flavored. H. W. Eakins. 340,242; Nov. 3; Serial No. 371,418; published Aug. 25, 1936.
Salt. Ohio Salt Company. 340,293–4; Nov. 3; Serial Nos. 379,969–70; published Aug. 25, 1936.
Salt. Ohio Salt Company. 340,310–11; Nov. 3; Serial Nos. 379,971–2; published Aug. 25, 1936.
Seasonings, Food. Afral Corporation. 340,081; Nov. 3; Serial No. 378,771; published Aug. 25, 1936.
Supplement for livestock and dairy feeds. R. V. Anderson. 340,169; Nov. 3; Serial No. 378,959; published Aug. 25, 1936.
Tea. Montgomery Mills. 340,357; Nov. 3.
Tea and coffee. Independent Grocers' Alliance Distributing Co. 340,181; Nov. 3; Serial No. 348,814; published May 29, 1934.
Vegetables, Fresh. Lester Stirling Co. 340,090; Nov. 3; Serial 380,369; published Aug. 25, 1936.
Vinegar. Gregory-Robinson-Speas, Inc. 340,317; Nov. 3; Serial No. 380,055; published Aug. 25, 1936.

CLASS 47

Wines. Achaia Wine Company. 340,223; Nov. 3; Serial No. 377,296; published Aug. 25, 1936.
Wines. J. L. Ambrose. 340,112; Nov. 3; Serial No. 375,978; published Aug. 25, 1936.
Wines. A. Kanner. 340,194; Nov. 3; Serial No. 368,673; published Mar. 3, 1936.

CLASS 48

Beer. Burton Products, Inc. 340,099; Nov. 3; Serial No. 380,497; published Aug. 25, 1936.
Beer. Schoenling Brewing and Ice Company. 340,205; Nov. 3; Serial No. 379,773; published Aug. 25, 1936.

CLASS 49

Brandy. La Perla Vineyard Company. 340,318; Nov. 3; Serial No. 380,061; published Aug. 25, 1936.
Gin. National Wholesale Liquor Co. 340,085; Nov. 3; Serial No. 381,248; published Aug. 25, 1936.
Gin. Oldetyme Distillers, Inc. 340,187; Nov. 3; Serial No. 365,209; published Aug. 25, 1936.
Rum. Park, Benziger & Co. 340,193; Nov. 3; Serial No. 367,404; published Aug. 25, 1936.
Whiskey. Bardstown Distillery, Inc. 340,146; Nov. 3; Serial No. 381,254; published Aug. 25, 1936.
Whiskey. J. A. Berson. 340,141–2; Nov. 3; Serial Nos. 381,015–16; published Aug. 25, 1936.
Whiskey. Frankfort Distilleries, Incorporated. 340,140; Nov. 3; Serial No. 381,070; published Aug. 25, 1936.
Whiskey, gin, rum, etc. Original Julius Marcus Laboratories, Inc. 340,353; Nov. 3; Serial No. 380,787; published Aug. 25, 1936.
Whiskey, gin, rum, etc. S. E. Rykoff & Company. 340,348; Nov. 3; Serial No. 380,071; published Aug. 25, 1936.

CLASS 50

Buckskin, Imitation. M. Rosenberg. 340,307; Nov. 3; Serial No. 377,420; published Aug. 25, 1936.
Felts, Paper-making. F. C. Huyck & Sons. 340,230; Nov. 3; Serial No. 374,645; published Sept. 1, 1936.
Matrix or flong used in stereotyping. Rapid Electrotype Co. 340,369–71; Nov. 3.
Monuments and memorials. Liberty Granite Company. 340,280; Nov. 3; Serial No. 379,806; published Aug. 18, 1936.
Net-like fabric. Southern Brighton Mills. 340,211; Nov. 3; Serial No. 377,083; published Aug. 18, 1936.
Printing plates. Zeese-Wilkinson Co. 340,239; Nov. 3; Serial No. 373,008; published Aug. 18, 1936.
Printing press blankets. Tingue, Brown & Co. 340,199; Nov. 3; Serial No. 379,719; published Aug. 18, 1936.

LIST OF LABELS

Buddy Blocks. For Children's Play and Building Blocks. C. R. Kirkley. 48,365; Nov. 3.
Congressional Club. For Straight Rye Whiskey. Frank L. Wight Distilling Company. 48,370; Nov. 3.
Cream of Rye. For Straight Rye Whiskey. Siegfried Loewenthal Company. 48,369; Nov. 3.
Dunwashin Disdies. For Diapers. Joy Products Corporation. 48,367; Nov. 3.
Estey Fibre-Tex. For Towels. Stevens & Thompson Paper Company. 48,375; Nov. 3.
Estey Forest Fabric. For Towels. Stevens & Thompson Paper Company. 48,376; Nov. 3.
Eureka Incense. For Incense. S. F. Clarke. 48,362; Nov. 3.
G E. For a Preparation for Treating Disorders of the Stomach. D. F. S. Laboratories, Inc. 48,363; Nov. 3.
Golden Oil Soap. For Vegetable Oil Soap. Stevens Grease & Oil Company. 48,374; Nov. 3.
Hassel's Shoes. For Shoes. Bird & Son, Inc. 48,361; Nov. 3.
Honor Bread. For Bread. National Grocery Company. 48,370; Nov. 3.
J. C. Bardell. For Pictures. J. C. Bardell. 48,360; Nov. 3.

Knight. For One Coat Gloss White. Knight Paint & Varnish Co. 48,366; Nov. 3.
Popeye Carica Tea. For Carica Tea. R. E. Eckert. 48,364; Nov. 3.
Reconditioning, Egg White Egg'n'Oil Cream, Shampoo Massage. For a Cream for Massaging the Scalp and Shampooing the Hair. Le Clair Oil Co. 48,368; Nov. 3.
Royal. For Salad Gelatin (Aspic). Standard Brands Incorporated. 48,372; Nov. 3.
Royal. For Chocolate Flavor Pudding. Standard Brands Incorporated. 48,373; Nov. 3.
San Francisco-Oakland Bay Bridge 18 Miniature Post Cards. For Miniature Post Cards. J. C. Bardell. 48,359; Nov. 3.
Sliced Fine-Tex White. For Wheat Bread. Western Waxed Paper Company. 48,378; Nov. 3.
Sun Glo Brand, Upholsterers Cleaner. For a Cleansing Preparation. C H Olds. 48,371; Nov. 3.
Tivoli Pale Select Beer, Toast of the Town. For Beer. Tivoli Brewing Company. 48,377; Nov. 3.
Uncle Wash Stove Polish. For Stove Polish. J. A. Anderson. 48,358; Nov. 3.

LIST OF PRINTS

As One Twin to Another. For Furniture. John Mullins & Sons, Inc. 15,910; Nov. 3.
Hats and Gloves are a Natural Combination. For Gloves. Louis Meyers & Son, Inc. 15,909; Nov. 3.
Majestic. For Genuine English Leather Straps. H. Segal. 15,912; Nov. 3.
Rolling Bearings. For Antifriction Bearings and Bearing Structures. Dodge Manufacturing Corporation. 15,908; Nov. 3.
Sweet and Low. For Pecans and Smooth Milk Chocolate. D. Perrone. 15,911; Nov. 3.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 3D DAY OF NOVEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to Radio Corporation of America. Signaling. 20,153; Nov 3.

Babcock & Wilcox Company, The. (See Hardgrove, Ralph M., assignor.)

Baker, Herbert K., Kokomo, Ind. Manufacture of expanded metal. 20,154; Nov. 3.

Goodman, Glenn W., deceased, by W. B. Rosenfield, executor, assignor to The Grade Crossing Guard Corp., Memphis, Tenn. Crossing guard. 20,157; Nov. 3.

Grade Crossing Guard Corp., The. (See Goodman, Glenn W., assignor.)

Grison, Joseph, New York, N. Y., assignor to National Fire Detector Corporation. Fire alarm device. 20,158; Nov. 3.

Hanna, Clinton R., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrodynamic microphone. 20,155; Nov. 3.

Hardgrove, Ralph M., Westfield, N. J., assignor to The Babcock & Wilcox Company, New York, N. Y. Control system. 20,156; Nov. 3.

Larason, John E., Dayton, Ohio. Propeller clamping and balancing ring. 20,159; Nov. 3.

National Fire Detector Corporation. (See Grison, Joseph, assignor.)

Poeter, E., & Co. (See Poeter, Edward, assignor.)

Poeter, Edward, assignor to E. Poeter & Co., Irvington, N. J. Handbag frame. 20,160; Nov. 3.

Radio Corporation of America. (See Alexanderson, Ernst F. W., assignor.)

Riviere, Albert S., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 20,161; Nov. 3.

Rosenfield, William B. (See Goodman, Glenn W.)

Union Special Machine Company. (See Riviere, Albert S., assignor.)

Westinghouse Electric & Manufacturing Company. (See Hanna, Clinton R., assignor.)

LIST OF DESIGN PATENTEES

American Gas Machine Company. (See Teague, Walter D., assignor.)

Annick, Michael, Scranton, Pa., assignor, by mesne assignments, to Wesel Manufacturing Company. Combination beveler and squarer for flat and curved plates. 101,760; Nov. 3.

B. & T. Floor Company, The. (See Bonnell, William L., assignor.)

Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Fender Guide. 101,831; Nov. 3.

Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 101,832; Nov. 3.

Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 101,833; Nov. 3.

Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 101,834; Nov. 3.

Ball, Percy B., North Attleboro, assignor to The Watson Company, Attleboro, Mass. Spoon or similar article. 101,761; Nov. 3.

Bell Telephone Laboratories, Incorporated. (See Marshall, Robert N., assignor.)

Berkshire Knitting Mills. (See Miller, Henry D., assignor.)

Bonnell, William L., assignor to The B. & T. Floor Company, Columbus, Ohio. Butt edging strip or similar article. 101,762; Nov. 3.

Breen, Mable J., Denver, Colo. Gummed seal or similar article. 101,763; Nov. 3.

Brooks, Arthur D., assignor to Eaton Detroit Metal Company, Cleveland, Ohio. Ice tongs. 101,764; Nov. 3.

Buck, Arthur W., assignor to Buck X-Ograph Company, St. Louis, Mo. Refrigerated developing unit for X-ray photographs. 101,765; Nov. 3.

Buck X-Ograph Company. (See Buck, Arthur W., assignor.)

Casco Products Corporation. (See Bahr, Gustave F., assignor.)

Casco Products Corporation. (See Cohen, Joseph H., assignor.)

Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 101,835; Nov. 3.

Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 101,836; Nov. 3.

Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 101,837; Nov. 3.

Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 101,838; Nov. 3.

Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Fender guide. 101,839; Nov. 3.

De Sakhnoffsky, Alexis D., Philadelphia, Pa. Automobile trailer body. 101,809; Nov. 3.

De Vry, Herman A., Chicago, Ill. Motion picture projector. 101,766; Nov. 3.

Duffy Mott Co. (See Fuerst, Edwin W., assignor.)

Eaton Detroit Metal Company. (See Brooks, Arthur D., assignor.)

Farny, Cyril, St. Charles, assignor to Wurlitzer Grand Piano Company, De Kalb, Ill. Grand piano. 101,767; Nov. 3.

Florence Stove Company. (See Kruck, Ralph E., assignor.)

Fradkin, Samuel, Lewiston, Maine. Shoe. 101,768; Nov. 3.

Franklin Simon & Co. Inc. (See Porpora, Mary, assignor.)

Franklin Simon & Co. (See Vella, Jenny, assignor.)

Freysinger, John B., New Britain, Conn. Buckle. 101,769; Nov. 3.

Freysinger, John B., New Britain, Conn. Buckle. 101,770; Nov. 3.

Fuerst, Edwin W., Toledo, Ohio, assignor to Duffy Mott Co., Inc., New York, N. Y. Jar. 101,810; Nov. 3.

Glock, Carl A., Lynwood, Calif. Portable electric lantern. 101,771; Nov. 3.

Goerlich, John F. (See Graff, George R., assignor.)

Goldsborough, Thaddeus R., Merchantville, N. J. Automobile. 101,772; Nov. 3.

Graff, George R., assignor to J. E. Goerlich, Toledo, Ohio. Electric switch button. 101,811; Nov. 3.

Grinnell Bros. (See Krasnick, Jacob L., assignor.)

Gulbransen, Company. (See Van Dommelen, Peter, assignor.)

Hafner, August, Flushing, N. Y. Textile fabric. 101,812; Nov. 3.

Hafner, August, Flushing, N. Y. Textile fabric. 101,813; Nov. 3.

Hafner, August, Flushing, N. Y. Textile fabric. 101,814; Nov. 3.

Hall China Company, The. (See Kane, Bernard N., assignor.)

Hanna, Elizabeth H., Montclair, N. J. Lawn umbrella. 101,773; Nov. 3.

Hanna, Elizabeth H., Montclair, N. J. Lawn umbrella. 101,774; Nov. 3.

Hanson, Louis, Company. (See Hanson, Martin, assignor.)

Hanson, Martin, assignor to Louis Hanson Company, Chicago, Ill. Radio cabinet. 101,775; Nov. 3.

Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Table. 101,776; Nov. 3.

Holophane Glass Company. (See Rolph, Thomas W., assignor.)

Howell Company, The. (See Hoffmann, Wolfgang, assignor.)

John, B. P., Furniture Corporation. (See Krick, George, assignor.)

Kane, Bernard N., assignor to The Hall China Company, East Liverpool, Ohio. Bowl or similar article. 101,777; Nov. 3.

Kivley, Ray C., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Reel. 101,815; Nov. 3.

Koch, Louis A., Jr., Louisville, Ky. Automobile exhaust shroud. 101,840; Nov. 3.

Krasnick, Jacob L., Holly, assignor to Grinnell Bros., Detroit, Mich. Piano or similar article. 101,778; Nov. 3.

Kratz, Oscar E., assignor to The H. D. Lee Mercantile Co., Kansas City, Mo. Overall. 101,779; Nov. 3.

Krick, George, assignor to B. P. John Furniture Corporation, Portland, Oreg. Bedstead. 101,780; Nov. 3.
Krick, George, assignor to B. P. John Furniture Corporation, Portland, Oreg. Chest or similar article. 101,781; Nov. 3.
Krick, George, assignor to B. P. John Furniture Corporation, Portland, Oreg. Vanity or similar article. 101,782; Nov. 3.
Kruck, Ralph E., Springfield, assignor to Florence Stove Company, Gardner, Mass. Space heater. 101,783; Nov. 3.
Kurtz, Leonard J., Cleveland, Ohio. Liquid cleaner. 101,784; Nov. 3.
Lee, H. D., Mercantile Co., The. (See Kratz, Oscar E., assignor.)
Liebschutz, Joseph, Auburn, N. Y. Beverage stick. 101,785; Nov. 3.
Lozon, Carl F., Massillon, Ohio. Combined carbonating and dispensing receptacle for liquids. 101,786; Nov. 3.
Marshall, Robert N., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone transmitter. 101,816; Nov. 3.
Martin, Jacob F., Bellevue, Ohio. License tag trim member. 101,817; Nov. 3.
Melville, Joseph, New York, N. Y. Shirt. 101,818; Nov. 3.
Mesinger, Frederick, Mount Vernon, N. Y. Bicycle saddle. 101,787; Nov. 3.
Miller, Henry D., Reading, assignor to Berkshire Knitting Mills, Wyomissing, Pa. Combined folder and article display device. 101,819; Nov. 3.
Miltenberger, Dorothy S., Webster Groves, Mo. Artificial tree ornament. 101,788; Nov. 3.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Vacuum cleaner casing. 101,789; Nov. 3.
Perkins, George H., Wellesley, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 101,820; Nov. 3.
Perkins, George H., Wellesley, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 101,821; Nov. 3.
Phillips, Ralph T. (See Shaffer, J. W., and Phillips, assignors.)
Porpora, Mary, assignor to Franklin Simon & Co. Inc., New York, N. Y. Dress. 101,790; Nov. 3.
Powdrell & Alexander, Inc. (See Perkins, George H., assignor.)
RCA Manufacturing Company. (See Schrader, Terry M., assignor.)
Raub, Frederic H., South Orange, assignor to J. Wiss & Sons Co., Newark, N. J. Shears for cutting sheet metal. 101,791; Nov. 3.
Resnick, Julius, Brooklyn, N. Y. Handbag. 101,792; Nov. 3.
Richard, Edmond, New York, N. Y. Lace. 101,841; Nov. 3.
Robinson, Henry M., Middlebush, N. J. Kitchen Utensil cabinet. 101,822; Nov. 3.
Rolph, Thomas W., Newark, Ohio, assignor to Holophane Glass Company, Inc., New York, N. Y. Glass globe. 101,823; Nov. 3.
Rolph, Thomas W., Newark, Ohio, assignor to Holophane Glass Company, Inc., New York, N. Y. Glass globe. 101,824; Nov. 3.
Rosenthal, David, New York, N. Y. Dress. 101,793; Nov. 3.
Rummler, Burke, Los Angeles, Calif. Tray. 101,794; Nov. 3.
Schnittman, Pauline, New York, N. Y. Robe. 101,795; Nov. 3.
Schnittman, Pauline, New York, N. Y. Robe. 101,842; Nov. 3.
Schnittman, Pauline, New York, N. Y. Robe. 101,843; Nov. 3.
Sears, Roebuck and Co. (See Morgan, John R., assignor.)
Selden, Elmer J., Jackson, Mich. Pneumatic hammer. 101,796; Nov. 3.
Shaffer, John W., and R. T. Phillips, Minneapolis, Minn., assignor to John W. Shaffer & Company. Traffic button. 101,797; Nov. 3.
Shaffer, John W., & Company. (See Shaffer, J. W., and Phillips, assignors.)
Shrader, Terry M., West Summit, N. J., assignor to RCA Manufacturing Company, Inc. Electron discharge device. 101,825; Nov. 3.
Silverman, Charles, Providence, R. I. Cravat holder. 101,798; Nov. 3.
Sinko, John, Oak Park, Ill. Knob for a gear shift lever or the like. 101,826; Nov. 3.
Soprani, Mario, Castelfiardo, Italy. Accordion or similar article. 101,827; Nov. 3.
Stinson, Pearl, San Francisco, Calif. Combination shrine and sickroom light. 101,799; Nov. 3.
Teague, Walter D., New York, N. Y., assignor to American Gas Machine Company, Albert Lea, Minn. Circulating type heater. 101,828; Nov. 3.
Tompkins, Emerson H., Waterbury, Conn. Flashlight head. 101,800; Nov. 3.
Tratsch, Walter A., Chicago, Ill. Cabinet for amusement game apparatus. 101,801; Nov. 3.
Van Dommelen, Peter, Holland, Mich., assignor to Gulbransen Company, Chicago, Ill. Piano case. 101,802; Nov. 3.
Vella, Jenny, assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. 101,803; Nov. 3.
Vuillemenot, Frederic A., Toledo, Ohio. Atomizer. 101,804; Nov. 3.
Vuillemenot, Frederic A., Toledo, Ohio. Perfume dropper. 101,805; Nov. 3.
Vuillemenot, Frederic A., Toledo, Ohio. Atomizer. 101,806; Nov. 3.
Vuillemenot, Frederic A., Toledo, Ohio. Atomizer. 101,807; Nov. 3.
Wall, Tallie C., Mount Vernon, Ill. Roller skate. 101,808; Nov. 3.
Watson Company. (See Ball, Percy B., assignor.)
Weinberg, Florence, New York, N. Y. Bed sack or similar article. 101,844; Nov. 3.
Weincord, Morris, Chicago, Ill. Radio cabinet. 101,829; Nov. 3.
Welsman, Harry, New York, N. Y. Textile fabric. 101,830; Nov. 3.
Wesel Manufacturing Company. (See Annick, Michael, assignor.)
Western Electric Company. (See Kivley, Ray C., assignor.)
Wiss, J., & Sons Co. (See Raub, Frederic H., assignor.)
Wurlitzer Grand Piano Company. (See Farny, Cyril, assignor.)

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 3D DAY OF NOVEMBER, 1936

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A. G. Vorm-Seidel & Naumann. (See Gebauer, Walter, assignor.)
Abbott Laboratories. (See Ravenscroft, Edward A., assignor.)
Abrahamson, Gunnar V., et al. (See Nelson, Oscar C., assignor.)
Abrams, Avel S. (See Abrams, I., and Pesakof, assignors.)
Abrams, Isaac, Kings County, and N. Pesakof, Bronx County, assignors, by mesne assignments, to Avel S. Abrams, New York, N. Y. Steam generating electric iron. 2,059,620; Nov. 3.
Accounting and Tabulating Corporation, The. (See Baldwin, Richard E., assignor.)
Accounting and Tabulating Corporation, The. (See Thomas, Arthur, assignor.)
Adams, James L., Jr., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Apparatus for the formation of articles by welding. 2,059,300; Nov. 3.
Adams, Walter L., assignor to the Enterprise Manufacturing Company, Akron, Ohio. Fishing reel. 2,059,765; Nov. 3.
Air Reduction Company. (See Smith, Donald L., assignor.)
Aiken, Walter S., assignor to The Clark-Aiken Company, Lee, Mass. Web handling apparatus. 2,059,979; Nov. 3.
Albright, Robert E., Broomall, assignor to A. L. Wurster, Philadelphia, Pa. Cravat holder. 2,059,301; Nov. 3.
Alford, Edward L., Union City, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable grip link. 2,059,188; Nov. 3.
Allen-Bradley Company. (See Matthias, Lynn H., assignor.)
Allen-Bradley Company. (See Steenweg, William F., assignor.)
Allen Electric & Equipment Co. (See Allen, Gerald H., assignor.)
Allen, Gerald H., assignor to Allen Electric & Equipment Co., Kalamazoo, Mich. Apparatus for analyzing exhaust gases. 2,059,428; Nov. 3.
Allen, Scott E., Glen Ridge, assignor to C-O-Two Fire Equipment Company, Newark, N. J. Discharge head for fluid containers. 2,059,189; Nov. 3.
Allen, Scott E., Glen Ridge, assignor to C-O-Two Fire Equipment Company, Newark, N. J. Fire extinguishing system. 2,059,190; Nov. 3.
Allgemeine Elektricitatz Gesellschaft. (See König, Erwin, assignor.)
Allis-Chalmers Manufacturing Company. (See Pfau, Arnold, assignor.)
Allis-Chalmers Manufacturing Company. (See Ring, Joseph J., assignor.)
Altgelt, Herman E., South Bend, Ind., assignor to Oliver Farm Equipment Company. Tractor power lift and implement. 2,059,676; Nov. 3.
Altpeter, Ludwig, Essen, Germany. Dehydration apparatus. 2,059,191; Nov. 3.
Ambruster, Cornelius, Roslyn, assignors to The Electric Storage Battery Company, Philadelphia, Pa. Storage battery terminal post structure. 2,059,506; Nov. 3.
American Cast Iron Pipe Company. (See Stevens, Fred, assignor.)
American Cyanamid Company. (See Rossiter, E. C., and Brookes, assignors.)
American Envelope Company. (See Cowan, H. G., Lake, and Urbanowitz, assignors.)
American Laundry Machinery Company, The. (See Johnson, Oscar W., assignor.)
American Lurgi Corporation. (See Roder, O., and Siegens, assignors.)
American Machine and Metals Manufacturing Corporation, (See Joncha, Anton, assignor.)
American Paper Bottle Company, The. (See Scott, Henry T., assignor.)
American Sheet and Tin Plate Company. (See Beale, L. W., and Murphy, assignors.)
American Telephone and Telegraph Company. (See Harvell, J. P., assignor, and Slye.)
American Transformer Company. (See Emlen, Andrew A., assignor.)
Anaconda Wire & Cable Company. (See Papst, Hugh W., assignor.)
Anaconda Wire & Cable Company. (See Talbott, James E., assignor.)
Andersen, Carl N., Watertown, Mass., assignor to Lever Brothers Company. Aryl mercury aromatic carboxylates. 2,059,195; Nov. 3.
Andersen, Carl N., Watertown, Mass., assignor to Lever Brothers Company. Aryl mercury salts of oxyacids of chromium. 2,059,196; Nov. 3.
Anderson, Arvid E., Drexel Hill, Pa., assignor to General Electric Company. Automatic reclosing circuit breaker system. 2,059,836; Nov. 3.
Anderson, John A., assignor to Standard Oil Company, Chicago, Ill. Dewaxing process. 2,059,837; Nov. 3.
Anderson, Louis I., Chicago, Ill. Cable rack. 2,059,429; Nov. 3.
Anderson, T. Emmett, et al. (See Denney, Marshall E., assignor.)
Archer-Daniels-Midland Company, et al. (See Long, J. S. and Ball, assignors.)
Archer-Daniels-Midland Company. (See Long, J. S. and Beal, assignors.)
Arf, Herman R. (See Stacey, A. E., Jr., Ashley, and Arf.)
Arnold, Stanley. (See Arnold, Thomas, and A.)
Arnold, Thomas and S., Bradford, England. Rubber compositions. 2,059,430; Nov. 3.
Aro Equipment Corporation, The. (See Eastman, Ivan L., assignor.)
Arveson, Maurice H., Highland, Ind., assignor to Standard Oil Company, Chicago, Ill. Purifying mahogany soap. 2,059,838; Nov. 3.
Ashley, Carlyle M. (See Stacey, A. E., Jr., and Arf.)
Ashley, Carlyle M., Maplewood, assignor, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J. Controlling the flow of liquid. 2,059,721; Nov. 3.
Ashley, Carlyle M., Maplewood, assignor, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J. Multipurpose heat transfer unit. 2,059,839; Nov. 3.
Associated Electric Laboratories, Inc. (See Sengebusch, Hans, assignor.)
Atchison, Leonard W., Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,059,840; Nov. 3.
Atticks, Harry J., Mechanicsburg, Pa. Timing apparatus. 2,059,925; Nov. 3.
Automatic Fire Alarm System, Inc. (See Gilbane, Frank J., assignor.)
Backer, Chester F., et al. (See Backer, F. E., and Moles, assignors.)
Backer, Franklin E., and J. Moles, Fort Lee, N. J., assignors to Ralph P. Rockwood, and Chester F. Backer. Counterfeit paper money detector. 2,059,197; Nov. 3.
Bäckström, Sigurd M., Stockholm, Sweden, assignor, by mesne assignments to Servel, Inc., Dover, Del. Refrigeration. 2,059,841; Nov. 3.
Backstay Welt Company. (See Hill, Clarence B., assignor.)
Baird, William, and R. Hill, Manchester, England, assignor to Imperial Chemical Industries Limited. Synthetic resinous product. 2,059,842; Nov. 3.
Bakelite Building Products Co. Inc. (See Harshberger, Norman P., assignor.)
Bakelite Limited. (See Lloyd, Arthur, assignor.)
Baker Manufacturing Company. (See Buffington, Harry C., assignor.)
Baldwin, Richard E., Thornton Heath, assignor to The Accounting and Tabulating Corporation of Great Britain Limited, London, England. Paper feeding mechanism for statistical machines. 2,059,198; Nov. 3.
Ball, George L., Jr. (See Long, J. S., and Ball.)
Ball, Joseph A., Los Angeles, Calif. Feeding device. 2,059,199; Nov. 3.
Bancroft, Thomas O., Monroe, La. Bag tube and making same. 2,059,200; Nov. 3.
Barber, Forrest E., and R. H. Davis, Flint, Mich., said Davis assignor to said Barber. Auto hood fastener. 2,058,302; Nov. 3.
Barker, Andrew S., Palmyra, N. J. Furnace wall structure. 2,059,766; Nov. 3.
Barnard, Edward R. (See Eastman, E. C., and Barnard.)
Barnitz, Emanuel B., Johnstown, Pa. Combination connecter plug and switch. 2,059,926; Nov. 3.
Barrett, Wendell D., Cedar Rapids, and E. R. Greer, Minneapolis, Minn., assignor to La Plant-Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Earth moving device. 2,059,431; Nov. 3.
Barrows, Donald S., assignor to The Symington Company, Rochester, N. Y. Draft rigging. 2,059,962; Nov. 3.
Barrows, Donald S., assignor to The Symington Company, Rochester, N. Y. Railway vehicle. 2,059,963; Nov. 3.
Barth, Edwin J., Chicago, Ill., and R. P. Corlew, Hammond, Ind., assignors to Sinclair Refining Company, New York, N. Y. Lubricating oil. 2,059,192; Nov. 3.
Bassick Company, The. (See Herold, Walter F., assignor.)
Batman, Lloyd D. (See Henry, C. P., and Batman, assignors.)
Baumgarten, Richard. (See Salzberger, A., and Baumgarten, assignors.)

Bausch & Lomb Optical Company. (See Bausch, William, assignor.)
Bausch & Lomb Optical Company. (See Ellestad, Gerhard A., assignor.)
Bausch, William, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Manufacture of ophthalmic lenses. 2,059,767; Nov. 3.
Bayer, Leo J., St. Louis, Mo. Soot blower. 2,059,193; Nov. 3.
Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 2,059,303; Nov. 3.
Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for operating on soles. 2,059,768; Nov. 3.
Beach, Norman F., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Making stripping film. 2,059,843; Nov. 3.
Beal, George F. (See Long, J. S., and Beal.)
Beale, Lewis W., and J. E. Murphy, Vandergrift, Pa., assignors to American Sheet and Tin Plate Company. Cold rolling coated sheet metal. 2,059,304; Nov. 3.
Beck, Oscar G., Herrick, Ill. Water passover. 2,059,927; Nov. 3.
Beck, Rudolf, and J. Briscoe, Bridgeport, Conn., assignors to Consolidated Ashcroft Hancock Company, New York, N. Y. Apparatus for controlling pressure fluid. 2,059,722; Nov. 3.
Bedford, Burnice D. (See Willis, C. H., and Bedford.)
Bee Line Manufacturing Company. (See Smith, Roy D., assignor.)
Bee Line Manufacturing Company. (See Smith, R. D., and Fransen, assignor.)
Belcher, Daniel, assignor to Bemis Bro. Bag. Co., Minneapolis, Minn. Carrying handle for containers. 2,059,621; Nov. 3.
Belden, Albert G. (See Norton, C. H., and Belden.)
Belfield, H., Company. (See Goehring, Francis R., assignor.)
Bell, Delamar T., West New Brighton, assignor to Bell Telephone Laboratories, Incorporated, New York. Electrical circuit. 2,059,194; Nov. 3.
Bell, Edward C., London, England. Cup and saucer. 2,059,769; Nov. 3.
Bell, Hayes H., assignor of one-half to H. G. Schroer, Terre Haute, Ind. Extraction apparatus for production of beverages. 2,059,622; Nov. 3.
Bell Telephone Laboratories, Incorporated. (See Alford, Edward L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bell, Delamar T., assignor.)
Bell Telephone Laboratories, Incorporated. (See Borgmann, Charles, assignor.)
Bell Telephone Laboratories, Incorporated. (See Curtis, A. M., and Boardman, assignors.)
Bell Telephone Laboratories, Incorporated. (See Dowd, Andrew D., assignor.)
Bell Telephone Laboratories, Incorporated. (See Kuhn, John J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Meszar, John, assignor.)
Beller, Hans, Ludwigshafen-on-the-Rhine, and M. Schellmann, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Recovery of organic acids from oxidation products of hydrocarbons. 2,059,201; Nov. 3.
Belluche, Frank R., assignor to Christensen Machine Company, Racine, Wis. Feeder for printing presses. 2,059,677; Nov. 3.
Bemis Bro. Bag Co. (See Belcher, Daniel, assignor.)
Bennett, William G., Epsom, England, assignor to Standard Brands Incorporated, New York, N. Y. Manufacture of yeast. 2,059,080; Nov. 3.
Bentley, Raymond, assignor of one-half to Knut Hovden, Monterey, Calif. Drainer. 2,059,432; Nov. 3.
Bentley, Wallace C. (See Peddle, F., Bentley, and Israel.)
Berk, Reuben, Bronx, N. Y. Dental flask. 2,059,928; Nov. 3.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,059,305; Nov. 3.
Bianco, John A., Boston, Mass. Electromagnetic switch. 2,059,306; Nov. 3.
Bird, Elmer G., La Porte, Ind., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company, Wilmington, Del. Sheet rubber. 2,059,203; Nov. 3.
Bissell Carpet Sweeper Company. (See Pullen, Fred W., assignor.)
Black, Donald H. (See Gibson, W. T., and Black.)
Blair, John C., et al. (See Friedlein, Elbert L., assignor.)
Blanchet, Adlas E., Mystic, Conn., assignor to Sonoca Products Company, Hartsville, S. C. Tube for nonrenewable fuses. 2,059,507; Nov. 3.
Blum, Karl. (See Schneider, E., and Blum.)
Boadwee, Russell K., Yonkers, and W. P. Seem, Richmond Hill, assignors to Julius Kayser & Co., New York, N. Y. Fabric inspecting apparatus. 2,059,307; Nov. 3.
Boadwee, Russell K., Yonkers, and W. P. Seem, Richmond Hill, assignors to Julius Kayser & Co., New York, N. Y. Apparatus for inspecting fabric. 2,059,308; Nov. 3.
Boardman, Edward M. (See Curtis, A. M., and Boardman.)
Bobb, Lloyd J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Sound reproducing apparatus. 2,059,929; Nov. 3.
Bodell, Henry R., New York, N. Y., assignor to Celanese Corporation of America. Velvet and pile fabric and making same. 2,059,309; Nov. 3.
Bogin, Charles, Terre Haute, Ind., and V. Kelly, Chicago, Ill., assignors to Commercial Solvents Corporation, Terre Haute, Ind. Bronzing liquid. 2,059,310; Nov. 3.
Bond, James D., and A. V. Marbry, assignors of one-third to G. Gubelman, Robinson, Ill. Bridge handrail. 2,059,311; Nov. 3.
Boosey, Edward W. N., Detroit, Mich. Grease intercepter. 2,059,844; Nov. 3.
Booth, Prisca C. (See Booth, Raymond C., assignor.)
Booth, Raymond C., assignor, by mesne assignments, to P. C. Booth, Rochester, N. Y. Shuttle cock. 2,059,930; Nov. 3.
Bopp, Anton, Heilbronn-on-the-Neckar, Germany. Preventing corrosion, particularly of metals from the iron group, and to a corrosion preventative. 2,059,770; Nov. 3.
Borden Company, The. (See Powers, Raymond, assignor.)
Borgmann, Charles, Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Dust cover. 2,059,545; Nov. 3.
Boswau, Hans P., Galion, Ohio, assignor to The North Electric Mfg. Company. Supervisory control system. 2,059,204; Nov. 3.
Bowersox, Joseph W., Chicago, Ill. Machine for quilting mattress borders. 2,059,845; Nov. 3.
Bowser, S. F. & Company, Inc. (See Cook, J. F., Jr., and Moore, assignors.)
Boyce, Leonard D. (See Ericson, G. R., and Boyce.)
Boyles, David S., assignor to National Wire Goods Manufacturing Company, Rock Hill, S. C. Machine for making wire garment hangers. 2,059,771; Nov. 3.
Braach, Paul, Siegen in Westphalia, Germany. Heating liquids. 2,059,623; Nov. 3.
Bradley, Eric H., assignor to National Pumps Corporation, Dayton, Ohio. Zero-setting device for registers. 2,059,433; Nov. 3.
Bradley, Theodore F., Westfield, N. J., assignor to Ellis-Foster Company. Crystallizing lacquers. 2,059,981; Nov. 3.
Brake Equipment & Supply Company. (See Pratt, B., and Weinreich, assignors.)
Brandenburg, Clyde S., Chicago, Ill. Separating and delivering containers. 2,059,546; Nov. 3.
Brandl, Hans, Vienna, Austria, assignor to the firm Compagnie pour la Fabrication des Compteurs et Materiel d'Usines à Gaz, Montrouge, France. Driving the counting mechanism of gas meters. 2,059,547; Nov. 3.
Briggs, Stephen F., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,059,678; Nov. 3.
Briggs & Stratton Corporation. (See Briggs, Stephen F., assignor.)
Briggs and Stratton Corporation. (See Jacobi, Edward N., assignor.)
Brill, J. G., Company. (See Latshaw, Elmer, assignor.)
Briney, Ottis R., Pontiac, Mich. Rotating and locating articles for machining thereof. 2,059,723; Nov. 3.
Briscoe, James. (See Beck, R., and Briscoe.)
Brookes, Alfred. (See Rossiter, E. C., and Brookes, assignors.)
Broome, Woody E., Myton, Utah. Gravity sand and gravel spreader. 2,059,548; Nov. 3.
Brouilhet, Georges, Paris, France. Elastic suspension device for vehicles. 2,059,434; Nov. 3.
Brownlee, Harold J., Cedar Rapids, Iowa, assignor to The Quaker Oats Company, Chicago, Ill. Feeding device and using the same. 2,059,435; Nov. 3.
Bryan, Charles S. (See Fiske, A. H., and Bryan.)
Bryant Heater Company, The. (See Stark, Willet E., assignor.)
Budd, Edward G., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Pneumatic tire. 2,059,982; Nov. 3.
Budd, Edward G. Manufacturing Company. (See Budd, Edward G., assignor.)
Budd, Edward G., Manufacturing Company. (See Hanson, Arthur F., assignor.)
Budd Wheel Company. (See Farnworth, George J., assignor.)
Buell, Clarence E., Dallastown, Pa., assignor to The Everedy Company, Frederick, Md. Mop and wringer. 2,059,772; Nov. 3.
Buell, Clarence E., Dallastown, Pa., assignor to The Everedy Company, Frederick, Md. Mop and wringer. 2,059,773; Nov. 3.
Buell, Earl P. (See Robart, B. L., and Buell, assignors.)
Buescher, E. F. (See Holland, F. G., and Green, assignors.)
Buffington, Harry C., assignor to Baker Manufacturing Company, Springfield, Ill. Hydraulic control system for road working machines. 2,059,205; Nov. 3.
Bulger, William A., Chicago, Ill., assignor to Petroleum Heat and Power Company, New York, N. Y. Control mechanism for air conditioning apparatus. 2,059,846; Nov. 3.
Bulldog Electric Products Company. (See Frank, Harrison J. L., assignor.)
Bulldog Electric Products Company. (See Frank, W. H., and Messing, assignors.)
Bulldog Electric Products Company. (See Frank, W. H., Messing, and Frank.)
Burns, Jabez & Sons, Inc. (See Kopf, John C., assignor.)

Burton-Dixie Corporation. (See Ward, John C., Jr., assignor.)
Burton-Dixie Corporation. (See Wesley, Arthur, assignor.)
Burton, Robert H., Oakland, Calif. Book supporting device. 2,059,679; Nov. 3.
Buttner-Werke Aktiengesellschaft. (See Schneider, E., and Blum, assignors.)
C-O-Two Fire Equipment Company. (See Allen, Scott E., assignor.)
Caccia, Walter, White Plains, assignor to J. H. Unlandherm, New York, N. Y. Constructing subways. 2,059,774; Nov. 3.
Cadwallader, Edgar M. (See Thomas, E. A., and Cadwallader.)
California Fruit Growers Exchange. (See Thompson, D. R., and Joseph, assignors.)
Campbell, Harry E., assignor to Campbell Metal Window Corporation, Baltimore, Md. Operator for counterbalanced windows. 2,059,436; Nov. 3.
Campbell Metal Window Corporation. (See Campbell, Harry E., assignor.)
Cap and Cork Corporation. (See Feldman, Edward D., assignor.)
Carborundum Company, The. (See Jackson, R. H., and Kirchner, assignors.)
Carborundum Company, The. (See Leonhauser, Henry A., assignor.)
Card, William C., Jr., Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Sole-affixing machine. 2,059,847; Nov. 3.
Carlson, Bert G., Bellerose, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Antivibration mount for airplane instruments. 2,059,312; Nov. 3.
Carlson, Carl A., San Francisco, Calif. Needle threader. 2,059,680; Nov. 3.
Carlson, Gustave A., Detroit Mich. Work holding machine. 2,059,437; Nov. 3.
Carlson, Gustave A., Detroit, Mich. Finishing machine. 2,059,724; Nov. 3.
Carlson, Roy W., Berkeley, Calif. Electric pressure meter. 2,059,549; Nov. 3.
Carrier Engineering Corporation. (See Ashley Carlyle M., assignor.)
Carrier Engineering Corporation. (See Currier, Willis H., assignor.)
Carrier Engineering Corporation. (See French, Donald, assignor.)
Carrier Engineering Corporation. (See Jones, Walter, assignor.)
Carrier Engineering Corporation. (See Stacey, A. E., Jr., Ashley, and Arf, assignors.)
Carrier Engineering Corporation. (See Swinburne, James, assignor.)
Carrier, Willis H., Elizabeth, assignor to Carrier Engineering Corporation, Newark, N. J. Shell and tube evaporator. 2,059,725; Nov. 3.
Carson, Benjamin R., Camden, N. J., assignor to Radio Corporation of America. Intermittent film feeding mechanism. 2,059,206; Nov. 3.
Carter Carburetor Corporation. (See Ericson, G. R., and Boyce, assignors.)
Carter, Leslie F., Leonia, N. J., assignor to Sperry-Gyroscope Company, Inc., Brooklyn, N. Y. Antivibration mounting for instruments. 2,059,313; Nov. 3.
Carver Cotton Gin Company. (See Cockerham, Albert S., assignor.)
Carver Engineering Corporation. (See Ashley, Carlyle M., assignor.)
Case, Pomeroy & Company. (See Converse, Edward H., assignor.)
Cate, Paul E., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Automatic soldering and sealing machine. 2,059,931; Nov. 3.
Catt, Harold W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Elastic rubber transmission band. 2,059,207; Nov. 3.
Cavitt, Paul, Watseka, Ill. Seat connecting device. 2,059,848; Nov. 3.
Cavuoti, Frank, Ozone Park, N. Y. Receptacle closure. 2,059,932; Nov. 3.
Celanese Corporation of America. (See Bodell, Henry R., assignor.)
Celanese Corporation of America. (See Martin, Herbert E., assignor.)
Celanese Corporation of America. (See Weinberg, Leon W., assignor.)
Celanese Corporation of America. (See Whitehead, William, assignor.)
Celon Company, The. (See Olson, John E., assignor.)
Centrifix Corporation. (See Hawley, Charles G., assignor.)
Champion, Gaston, Buenos Aires, Argentina. Process and apparatus for the reproduction and recording of sounds. 2,059,550; Nov. 3.
Chaney, Franklin V., assignor, by mesne assignments, to Pine Kindler Corporation, New York, N. Y. Fire kindler. 2,059,208; Nov. 3.
Chellew, Walter J. (See Oishei, J. R., and Chellew, assignors.)
Chenault, Roy L., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Deep well pump. 2,059,508; Nov. 3.
Chicago Telephone Supply Co. (See Schellenger, Newton C., assignor.)
Chilo, Paul, Chicago, Ill. Lamp finial. 2,059,314; Nov. 3.
Chireix, Henri, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Radiogoniometer. 2,059,315; Nov. 3.
Christensen, Emil, Portland, Oreg. Inclinometer. 2,059,551; Nov. 3.
Christensen Machine Company. (See Belluche, Frank R., assignor.)
Churchill, Harry V., New Kensington, Pa. Softening water. 2,059,552; Nov. 3.
Churchill, Harry V., New Kensington, Pa. Removal of fluorine from water. 2,059,553; Nov. 3.
Churchward Engineering Company, The. (See Churchward, Jack, assignor.)
Churchward, Jack, assignor to The Churchward Engineering Company, Inc., New Haven, Conn. Electrode holder. 2,059,438; Nov. 3.
Cincinnati Milling Machine Company, The. (See Wright, Leigh W., assignor.)
Clark-Aiken Company, The. (See Aiken, Walter S., assignor.)
Clark, Eldon S., assignor to Timken-Michigan Company, Detroit, Mich. Sealing device. 2,059,775; Nov. 3.
Clark, J. L., Manufacturing Co. (See Rueger, Herman W., assignor.)
Clark Tructractor Company. (See Williams, Alfred O., assignor.)
Cleveland Automatic Machine Company, The. (See Ruppie, Harry W., assignor.)
Cleveland Chain & Manufacturing Company, The. (See Dick, Le Roy I., assignor.)
Cleveland Co-Operative Store Company, The. (See Kennedy, Emmett F., assignor.)
Cleveland Rock Drill Company, The. (See Richardson, Led L., assignor.)
Cockerham, Albert S. West Memphis, Ark., assignor to Carver Cotton Gin Company, East Bridgewater, Mass. Textile apparatus. 2,059,849; Nov. 3.
Cohn, Benno, assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Making bottle closures. 2,059,554; Nov. 3.
Cohn & Rosenberger, Inc. (See Placco, Oscar F., assignor.)
Colbourn, James P., New York, N. Y. Cooking utensil with removable immersible electrical heating unit. 2,059,995; Nov. 3.
Collins, Douglas, Salisbury, N. C. Electric starting motor. 2,059,624; Nov. 3.
Colonial Radio Corporation. (See Cutting, Fulton, assignor.)
Colwill, Richard P., Omaha, Nebr. Clinker extractor. 2,059,439; Nov. 3.
Commercial Solvents Corporation. (See Bogin, C., and Kelly, assignor.)
Compagnie de Produits Chimiques et Electrometallurgiques, Alais, Froges et Camargue. (See Dobry, Alma, assignor.)
Compagnie Generale de Telegraphie Sans Fil. (See Chireix, Henri, assignor.)
Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements Kuhlman. (See Petitcolas, Pierre, assignor.)
Compagnie pour la Fabrication des Compteurs et Materiel d'Usines à Gaz. (See Brandl, Hans, assignor.)
Compo Shoe Machinery Corporation. (See Card, William C., Jr., assignor.)
Connolly, William B. and A. O. Samuels, assignors to Samson-United Corporation, Rochester, N. Y. Electric toaster. 2,059,440; Nov. 3.
Consolidated Ashcroft Hancock Company. (See Beck, R., and Briscoe, assignors.)
Continental-Diamond Fibre Company. (See Hollingworth, Duncalf W., assignor.)
Converse, Edward H., Poughkeepsie, assignor, by mesne assignments, to Case, Pomeroy & Company, Inc., New York, N. Y. Coating composition for wire and process. 2,059,441; Nov. 3.
Converse Rubber Company. (See Willey, Edward A., assignor.)
Conwell, Scott R. (See Edwards, W. C., and Conwell.)
Cook, Jr., Junius F. and J. B. Moore, Chicago, Ill., assignors to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Dispensing apparatus. 2,059,442; Nov. 3.
Coolidge, Cole, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins. 2,059,850; Nov. 3.
Corbin, Elbert A., Jr., Gradyville, Pa. Rim with quick detachable section. 2,059,851; Nov. 3.
Corlew, Ralph P. (See Barth, E. J., and Corlew, assignors.)
Corning Glass Works. (See Hood, Harrison P., assignor.)
Corson, Michael G., New York, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Alloys. 2,059,555; Nov. 3.
Corson, Michael G., New York, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Copper-base alloys. 2,059,556; Nov. 3.
Corson, Michael G., New York, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Copper-base alloys. 2,059,557; Nov. 3.

Corson, Michael G., New York, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Copper-base alloys containing chromium and iron. 2,059,558; Nov. 3.

Corson, Michael G., New York, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Copper-base alloys containing vanadium and iron. 2,049,559; Nov. 3.

Corson, Michael G., New York, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Copper-base alloys containing vanadium. 2,059,560; Nov. 3.

Cowan, Harold G., E. R. Lake and S. B. Urbanowitz, assignors to American Envelope Company, Chicago, Ill. Printing device for envelope machines. 2,059,561; Nov. 3.

Crimmins, William C., Chicago, Ill. Fuse. 2,059,681; Nov. 3.

Crompton, George, Jr., et al. (See Friedlein, Elbert L., assignor.)

Crown Cork & Seal Company. (See Roemer, James L., assignor.)

Crumb, Charles F., Batavia, and M. W. Roscoe, Chicago, Ill., assignors to International Harvester Company. Hammer mill. 2,059,316; Nov. 3.

Curley, Michael J., Troy, N. Y., assignor to Reece Folding Machine Company, Boston, Mass. Infolding machine. 2,059,336; Nov. 3.

Curtis, Austen M., East Orange, N. J., and E. M. Boardman, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gas-filled tube telegraph relay circuit. 2,059,562; Nov. 3.

Curtiss Aerocar Company. (See Robinson, High A., Sr., assignor.)

Curtiss Aeroplane & Motor Company. (See Trimbach, Clem G., assignor.)

Cutting, Fulton, assignor to Colonial Radio Corporation, Buffalo, N. Y. Voice coil suspension. 2,059,209; Nov. 3.

Dahlen, Miles A. and F. Zwilgmeyer, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes and their preparation. 2,059,852; Nov. 3.

Daiber, Ernst, Berlin-Lichterfelde, Germany, assignor to General Electric Company. Bolt and nut connection. 2,059,853; Nov. 3.

Davis, Oscar M., Houston, Tex. Back pressure valve mechanism. 2,059,445; Nov. 3.

Davis, Ray H. (See Barber, F. E., and Davis, assignor.)

Davis, Willis G., Pompton Plains, N. J., assignor to The Stanley Works, New Britain, Conn. Fiberboard cutting tool. 2,059,317; Nov. 3.

de Back William, assignor to Food Machinery Corporation, San Jose, Calif. Grading machine. 2,059,776; Nov. 3.

Deere & Company. (See Tuft, Miles H., assignor.)

De Giorgi, Frank, et al. (See Straka, Anton, assignor.)

De Haven Razor Corporation. (See Pilliod, T. J., and Müller, assignors.)

De Laval Separator Company, The. (See Hapgood, Cyrus H., assignor.)

De Laval Separator Company, The. (See Lindgren, Hans O., assignor.)

De Long Hook and Eye Company, The. (See Swayne, Frank J., assignor.)

De Merce, Philip E., Los Angeles, Calif. Container construction. 2,059,318; Nov. 3.

Denney, Marshall E., assignor, by direct and mesne assignments, of one-half to W. A. Dyer, and one-half to T. E. Anderson, all of Tampa, Fla. Swing. 2,059,777; Nov. 3.

Dent, Harry M., Buffalo, and A. J. Norton, Tonawanda, assignors to General Plastics, Inc., North Tonawanda, N. Y. Coating abrasive particles. 2,059,983; Nov. 3.

Detert, Albert, Ceylon, Minn. Cow stall guard. 2,059,933; Nov. 3.

Detroit Hydrostatic Brake Corporation. (See Sauzedde, Claude, assignor.)

Devereux, Wallace C., Slough, and C. S. Oliver, Coventry, England, assignors, by mesne assignments, to The Dow Chemical Company, Midland, Mich. Treatment of nonferrous alloy castings. 2,059,984; Nov. 3.

Devers, Charles, Pittsburgh, Pa. Gasoline dispensing pump. 2,059,210; Nov. 3.

De Vries, Abraham, assignor to Naamlooze Vennootschap Ijzerhandel I. M. de Vries, Amsterdam, Netherlands. Adjustable door handle coupling. 2,059,319; Nov. 3.

Dewas, Raymond, Amiens, France. Weft-feeder for weaving looms with continuous weft feeding. 2,059,726; Nov. 3.

De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe form. 2,059,727; Nov. 3.

Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure mechanism. 2,059,444; Nov. 3.

Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Packing cup. 2,059,728; Nov. 3.

Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Sealing cup expander. 2,059,729; Nov. 3.

Dick, LeRoy I., Cleveland, assignor to The Cleveland Chain & Manufacturing Company Garfield Heights, Ohio. Antiskid device. 2,059,211; Nov. 3.

Diem, Hans, Neuchatel, assignor to firm Edouard Dubied & Cie. S. A., Neuchatel, Switzerland. Producing fabrics similar to ribbed goods with the aid of knitting machines. 2,059,682; Nov. 3.

Dietz, Karl, Frankfort-on-the-Main, and K. Frank, Bad Soden-on-the-Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Mortars or binders containing caoutchouc and preparing same. 2,059,778; Nov. 3.

Dill Manufacturing Company, The. (See Fisher, Sol, assignor.)

Dillon, Hugh J., Highland Park, Mich. Vehicle structure. 2,059,854; Nov. 3.

Direct Current Welding Company. (See Sykes, Wilfred, assignor.)

Dobry, Alma, assignor to Compagnie de Produits Chimiques et Electrometallurgiques, Alais, Froges et Camargue, Paris, France. Treating organic esters of cellulose. 2,059,934; Nov. 3.

Doherty Research Company. (See Kaplan, William, assignor.)

Dolge, Arthur H., assignor to The Embalmers' Supply Company, Westport, Conn. Church truck. 2,059,320; Nov. 3.

Donoghue, Helen M., Portland, Oreg. Baby's sleeping harness. 2,059,563; Nov. 3.

Dorl, Wilhelm O. D. (See Guhl, H., Dorl, and Gargel.)

Dorst, James A., U. S. Army, San Francisco, Calif. Suspension for vehicles. 2,059,212; Nov. 3.

Dorst, James A., U. S. Army, San Francisco, Calif. Track tensioning device. 2,059,213; Nov. 3.

Dow Chemical Company, The. (See Devereux, W. C., and Oliver, assignors.)

Dowd, Andrew D., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Starting system. 2,059,564; Nov. 3.

Drake, Frederick H., Boonton, N. J., assignor to Radio Corporation of America. Heterodyne receiver. 2,059,321; Nov. 3.

Dreher, Elmer H., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Paper feeding device. 2,059,214; Nov. 3.

Dreher, Elmer H., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Paper feed mechanism. 2,059,215; Nov. 3.

Dresback, David D., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Fluid pressure regulator. 2,059,855; Nov. 3.

Dresser, S. R., Manufacturing Company. (See Gavin, Beauford E., assignor.)

Dreyfus, Henry, London, England. Manufacture of artificial products. 2,059,322; Nov. 3.

Driscoll, High D., Tulsa, Okla. Attaching socket for shoe cleats. 2,059,779; Nov. 3.

Driver, Arthur S., assignor to Partitions, Inc., New York, N. Y. Metal partition. 2,059,565; Nov. 3.

Dubbs, Carbon P., Wilmette, assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,059,625; Nov. 3.

Dubied, Edouard, & Cie., S. A. (See Diem, Hans, assignor.)

Duncan, Robert, Washington, D. C., and L. F. Wilkinson, Garrett Park, Md., assignors to the Government of The United States, represented by the Secretary of Commerce. Printing mechanism for tabulating machines. 2,059,216; Nov. 3.

Du Pont, E. I., de Nemours and Company. (See Bird, Elmer G., assignor.)

Du Pont, E. I., de Nemours and Company. (See Coolidge, Cole, assignor.)

Du Pont, E. I., de Nemours and Company. (See Dahlen, M. A., and Zwilgmeyer, assignors.)

Du Pont, E. I., de Nemours and Company. (See Emslie, John T., assignor.)

Du Pont, E. I., de Nemours and Company. (See Eskew, Roderick K., assignor.)

Du Pont, E. I., de Nemours & Company. (See Graves, George D., assignor.)

Du Pont, E. I., de Nemours and Company. (See Holt, Harold S., assignor.)

Du Pont, E. I., de Nemours and Company. (See Perkins, Melvin A., assignor.)

Du Pont, E. I., de Nemours and Company. (See Randolph, Alan F., assignor.)

Du Pont, E. I., de Nemours and Company. (See Robinson, Walter S., assignor.)

Dyer, Westlake A., et al. (See Denney, Marshall E., assignor.)

Dykstra, George, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,059,509; Nov. 3.

Eagle Pencil Company. (See Hanle, Benjamin W., assignor.)

Eason, Clarence M., assignor to Fawick Manufacturing Co., Waukesha, Wis. Clutch. 2,059,935; Nov. 3.

Eastman, Eugene C., Whiting, and E. R. Barnard, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricating composition bearings. 2,059,856; Nov. 3.

Eastman, Ivan L., assignor to The Aro Equipment Corporation, Bryan, Ohio. Grease gun carrier rack. 2,059,445; Nov. 3.

Eastman, Ivan L., Toledo, assignor to The Aro Equipment Corporation, Bryan, Ohio. Oil gun structure. 2,059,446; Nov. 3.

Eastman Kodak Company. (See Beach, Norman F., assignor.)

Eastman Kodak Company. (See Fuerst, Carl C., assignor.)

Eastman Kodak Company. (See Gray, Harry Le B., assignor.)

Eastman Kodak Company. (See Lane, Gerould T., assignor.)

Eastman Kodak Company. (See Mannes, L. D., and Godowsky, assignors.)

Eastman Kodak Company. (See Nagel, August, assignor.)

Eastman Kodak Company. (See Parker, J. H. S., and Schuler, assignors.)

Eastman Kodak Company. (See Reid, Marvin J., assignor.)

Eastman Kodak Company. (See Sheppard, S. E., and Houck, assignors.)

Eastman Kodak Company. (See Teague, Walter D., assignor.)

Eastman Kodak Company. (See Ward, Erwin J., assignor.)

Eastman Kodak Company. (See Wittel, Otto, assignor.)

Eclipse Machine Company. (See Ferguson, M. P., and Maurer, assignors.)

Edwards, Henry J., Ottawa Hills, assignor to The Willys-Overland Company, Toledo, Ohio. Vehicle construction. 2,059,626; Nov. 3.

Edwards, William C., and S. R. Conwell, Anderson, Ind., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Lighting system. 2,059,780; Nov. 3.

Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen Krs. Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Color photography. 2,059,323; Nov. 3.

Ehrgott, Victor F., assignor to John Grant, Los Angeles, Calif. Well cleaning device. 2,059,566; Nov. 3.

Ekberg, Carl J., Oakland, Calif. Toy. 2,059,447; Nov. 3.

Ekman, Olof I. H., Stockholm, Sweden. Automatic alarm system. 2,059,510; Nov. 3.

Electric Arc Cutting & Welding Company. (See Holslag, Claude J., assignor.)

Electric and Musical Industries, Limited. (See Oura, Hector I., assignor.)

Electric Storage Battery Company, The. (See Ambruster, Cornelius, assignor.)

Electro-Gas Corporation. (See Nolan, Frank J., assignor.)

Ellestad, Gerhard A., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope illuminator. 2,059,781; Nov. 3.

Ellis, Charles D., San Mateo, Calif. Trap. 2,059,937; Nov. 3.

Ellis-Foster Company. (See Bradley, Theodore F., assignor.)

Ellis, George D., and Sons, Incorporated. (See Taylor, William T., assignor.)

Embalmers' Supply Company, The. (See Dolge, Arthur H., assignor.)

Emery Industries, Inc. (See Myers, Latimer D., assignor.)

Emlen, Andrew A., Roselle, assignor to American Transformer Company, Newark, N. J. Built-in junction box for transformers. 2,059,217; Nov. 3.

Emslie, John T., Arlington, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Safety device. 2,059,324; Nov. 3.

Engel, Karl, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for use in the manufacture of pre-welted shoes. 2,059,218; Nov. 3.

Engleman, Christian F., Ramsey, Ind. Automatic coin counter and bank. 2,059,936; Nov. 3.

Engleman, Tommie H., Julesburg, Colo. Can cooler. 2,059,511; Nov. 3.

Enterprise Manufacturing Company, The. (See Adams, Walter L., assignor.)

Enterprise Manufacturing Company, The. (See Wenzel, Rudolph G., assignor.)

Epstein, Albert K., and B. R. Harris, Chicago, Ill. Rubber and making the same. 2,059,448; Nov. 3.

Erickson, John A., Jackson, Mich. Material mixer. 2,059,857; Nov. 3.

Ericson, George R., and L. D. Boyce, Maplewood, assignors to Carter Carburetor Corporation, St. Louis, Mo. Fuel supply system for internal combustion engines. 2,059,325; Nov. 3.

Ernst, Frank R., Woodridge, N. J. Fixture support. 2,059,858; Nov. 3.

Erwin, Weldon C., Huntington Park, assignor to John Grant, Los Angeles, Calif. Well cleaning device. 2,059,630; Nov. 3.

Erwin, Weldon C., Huntington Park, assignor to John Grant, Los Angeles, Calif. Well cleaning device. 2,059,631; Nov. 3.

Erwin, Weldon C., and C. H. Sweet, Brea, assignors to John Grant, Los Angeles, Calif. Well cleaning device. 2,059,627; Nov. 3.

Erwin, Weldon C., and C. H. Sweet, Brea, assignors to J. Grant, Los Angeles, Calif. Well tool control. 2,059,628; Nov. 3.

Erwin, Weldon C., and C. H. Sweet, Brea, Calif., assignors to J. Grant, Los Angeles, Calif. Well bailer. 2,059,629; Nov. 3.

Eskew, Roderick K., Portland, Maine, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of nitro cellulose. 2,059,326; Nov. 3.

Esselmann, Paul, W. K. Bitterfeld, and K. Kösslinger, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of artificial silk. 2,059,632; Nov. 3.

Euler, Ralph S. (See Worthing, A. G., and Euler.)

Europa Schreibmaschinen A. G. (See Salzberger, A., and Baumgarten, assignors.)

Evans, Elliott A., assignor to C. C. Wakefield & Company Limited, London, England. Prevention of sludge formation in lubricating oils. 2,059,567; Nov. 3.

Everedy Company, The. (See Buell, Clarence E., assignor.)

Ewen, Harry A., Shenfield, England, assignor to Radio Corporation of America. Liquid flow operated safety or indicating device. 2,059,782; Nov. 3.

Fairbanks, Morse & Company. (See Reis, Curt F., assignor.)

Fairbanks, Morse & Co. (See Schneider, Heinrich, assignor.)

Fairfield, Freeman E., Long Beach, Calif. Self-cleaning well liner and the like. 2,059,939; Nov. 3.

Fall, Charles, Montclair, N. J. Nonrefillable bottle with a detector and an impeller. 2,059,568; Nov. 3.

Farber, Max, New York, N. Y. Meat smoking device. 2,059,938; Nov. 3.

Farnsworth, Philo T., San Francisco, and H. R. Lubcke, Alameda, Calif., assignors to Farnsworth Television Incorporated. Slope wave generator. 2,059,219; Nov. 3.

Farnsworth, Philo T., San Francisco, Calif., assignor to Farnsworth Television Incorporated. Scanning oscillator. 2,059,683; Nov. 3.

Farnsworth Television Incorporated. (See Farnsworth, Philo T., assignor.)

Farnsworth Television Incorporated. (See Farnsworth, P. T., and Lubcke, assignors.)

Farnworth, George J., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Coating composite articles. 2,059,783; Nov. 3.

Fausse, Joseph, Melrose Highland, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping shoe uppers or parts thereof. 2,059,327; Nov. 3.

Fawick Manufacturing Co. (See Eason, Clarence M., assignor.)

Feld, Arwin C., Sheboygan, Wis. Selfseating valve. 2,059,684; Nov. 3.

Feldman, Edward D., assignor to Cap and Cork Corporation, New York, N. Y. Attachment or device for bottles or other containers. 2,059,685; Nov. 3.

Ferber, Robert, assignor to the Society L'Aerotopographie, Courbevoie, France. Apparatus for producing plans of ground exclusively by photographic means. 2,059,633; Nov. 3.

Ferguson, Malcolm P., and P. H. Maurer, Elmira, assignors to Eclipse Machine Company, Elmira Heights, N. Y. Semiautomatic starter control. 2,059,328; Nov. 3.

Fernstrum, Frank O., assignor to Gray Marine Motor Co., Detroit, Mich. Mounting for marine engines. 2,059,220; Nov. 3.

Fessenden, Helen M., executrix. (See Fessenden, Reginald A.)

Fessenden, Reginald A., deceased, Chestnut Hill, Mass., H. M. Fessenden, executrix. Television system. 2,059,221; Nov. 3.

Fessenden, Reginald A., deceased, Chestnut Hill, Mass., H. M. Fessenden, executrix. Television apparatus. 2,059,222; Nov. 3.

Fessenden, Helen M., executrix. (See Fessenden, Reginald A.)

Files, Adino F., Manmee, Ohio. Auxiliary packaging part. 2,059,784; Nov. 3.

Filo, Francis B., St. Louis, Mo., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Sewage control system. 2,059,635; Nov. 3.

Filson, George W., Kenmore, N. Y., and J. H. Walton, Madison, Wis., assignors of one-third to W. S. Pritchard, Mount Vernon, N. Y. Manufacture of hydrogen peroxide. 2,059,569; Nov. 3.

Firth, Thos., & John Brown Limited. (See Hatfield, William H., assignor.)

Fisher, Frederick G., Jr., Red Bank, N. J. Kite parachute. 2,059,634; Nov. 3.

Fisher, Sol, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Heater. 2,059,329; Nov. 3.

Fiske, Augustus H., Warren, and C. S. Bryan, Providence, assignors to Rumford Chemical Works, Rumford, R. I. Softening water and dissolving calcium salts. 2,059,570; Nov. 3.

Fissan Export Company Julius Bloch & Sohn. (See Sauer, Arthur, assignor.)

Flavin, Arthur C., Evans Mills, T. M. Flavin, Gouverneur, and W. B. Flavin, Evans Mills, N. Y., assignors to R. J. Hamilton, Jr., Pittsburgh, Pa. Strainer. 2,059,636; Nov. 3.

Flavin, Thomas M. (See Flavin, Arthur C., T. M., and W. B.)

Flavin, William B. (See Flavin, Arthur C., T. M., and W. B.)

Fleischhauer, Richard, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Monoazodyestuffs. 2,059,512; Nov. 3.

Fleming, George W., Bradford, N. H., assignor to The Milford Rivet and Machine Company, Milford, Conn. Brake lining drilling and countersinking machine. 2,059,223; Nov. 3.
Florance, Warren M. (See Hustad, Hugo R., assignor.)
Flournoy, Addison H., Washington, D. C. Rotating tooth brush. 2,059,330; Nov. 3.
Flournoy, Walker R. (See Floyd, Samuel A., assignors.)
Floyd, Samuel A., assignor of one-half to W. R. Flournoy, Columbus, Ga. Roller picking machine for spinning frames. 2,059,571; Nov. 3.
Flynt, Louis W. G., East Orange, assignor to Sefco, Inc., Newark, N. J. Beverage mixing apparatus. 2,059,572; Nov. 3.
Food Machinery Corporation. (See de Back, William, assignor.)
Fowler, Albert A., North Hollywood, and R. M. Otis, Pasadena, Calif. Washing compound. 2,059,449; Nov. 3.
Fowler, Lewis M. (See Kittle, Harry E., assignor.)
Frank, Harrison J. L. (See Frank, William H., Messing, and Frank.)
Frank, Harrison, J. L., assignor to Bulldog Electric Products Company, Detroit, Mich. Switching device. 2,059,513; Nov. 3.
Frank, Karl. (See Dietz, Karl, and Frank.)
Frank, Wilbur M., assignor to William Frank Company, Chicago, Ill. Piston bugle. 2,059,450; Nov. 3.
Frank, William, Company. (See Frank, Wilbur M., assignor.)
Frank, William H., Detroit, Mich. Electrical distribution system. 2,059,988; Nov. 3.
Frank, William H. and J. W. Harper, Detroit, Mich. Electrical distribution system. 2,059,986; Nov. 3.
Frank, William H. and J. Messing, assignors to Bulldog Electric Products Company, Detroit, Mich. Circuit breaker. 2,059,985; Nov. 3.
Frank, William H. and J. W. Harper, Detroit, Mich. Electrical distribution system. 2,059,987; Nov. 3.
Frank, William H., J. A. Messing, and H. J. L. Frank, Detroit, Mich., assignors to Bulldog Electric Products Company, Detroit, Mich. Panel board. 2,059,989; Nov. 3.
Franklin Simon & Co. (See Hennessy, Mary C., assignor.)
Fransen, Frank J. (See Smith, R. D., and Fransen.)
Frediani, Dandolo, assignor to P. Menten and F. Menten, Sao Paulo, Brazil. Combined grinding and weighing machine. 2,059,514; Nov. 3.
Freedman, Harry A., Brooklyn, N. Y. Beach chair. 2,059,940; Nov. 3.
Freeland Spool and Bobbin Corporation. (See Schuster, Erving A., assignor.)
Freeman, George W., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-attaching machine. 2,059,331; Nov. 3.
French, Donald, Summit, N. J., assignor to Carrier Engineering Corporation, Newark, N. J. Cold diffusion apparatus. 2,059,686; Nov. 3.
French & Hecht, Incorporated. (See Hecht, Joseph L., assignor.)
French, Howard E., Clinton, Conn. Device for melting sleet and ice on windshields. 2,059,224; Nov. 3.
Freysinger, John B., assignor to North and Judd Manufacturing Company, New Britain, Conn. Buckle for belts and the like. 2,059,515; Nov. 3.
Freysinger, John B., assignor to North & Judd Manufacturing Company, New Britain, Conn. Buckle. 2,059,516; Nov. 3.
Friedel, Peter C. and H. J. Kobe, Bryan, Ohio. Burial vault. 2,059,941; Nov. 3.
Friedlein, Elbert L., Baltimore, Md., assignor of one-third to J. C. Blair, New York, and G. Crompton, Jr., Flushing, N. Y. Transmission. 2,059,517; Nov. 3.
Friedman, Isadore, Boston, Mass. Glass-steel building construction. 2,059,332; Nov. 3.
Fuerst, Carl C., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Roll holding camera. 2,059,860; Nov. 3.
Fuerst, Carl C., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Winding key for cameras. 2,059,859; Nov. 3.
Fulton Syphon Company, The. (See Cate, Paul E., assignor.)
Fultz, Wilford B., Graham, Tex. Oil well rig. 2,059,333; Nov. 3.
Gagg, Rudolph F., Fairlawn, N. J., assignor to Wright Aeronautical Corporation. Deicing throttle. 2,059,687; Nov. 3.
Galk, Arnold, Chicago, Ill. Air-pressure device. 2,059,785; Nov. 3.
Gallagher, John P., Jersey City, N. J. Brake beam. 2,059,225; Nov. 3.
Gamage, Franklin T. (See Gamage, Franklin W., and F. T.)
Gamage, Franklin W., and F. T. Gamage, Indianapolis, Ind. Fuel feed for internal combustion engines. 2,059,688; Nov. 3.
Gardner-Denver Company. (See Sheets, Barton R., assignor.)
Gargel, Karl. (See Guhl, H., Dorl, and Gargel.)
Gas Fuel Corporation. (See Russel, Robert H., assignor.)
Gaston, Donald H., Fort Wayne, Ind., assignor to General Electric Company. Retaining collar for food cabinets. 2,059,861; Nov. 3.
Gates, Glen M., Clark, Colo. Air conditioned cushion. 2,059,226; Nov. 3.
Gavin, Beauford E., Indianapolis, Ind., assignor, by mesne assignments, to S. R. Dresser Manufacturing Company, Bradford, Pa. Pipe clamp. 2,059,573; Nov. 3.
Gebauer, Walter, assignor to the firm A. G. Vorn-Seidel & Naumann, Dresden, Germany. Key lever mounting for typewriting machines. 2,059,574; Nov. 3.
General Aniline Works, Inc. (See Fleischhauer, Richard, assignor.)
General Aniline Works, Inc. (See Laska, L., and Heil, assignors.)
General Aniline Works, Inc. (See Limpach, O., and Hager, assignors.)
General Aniline Works, Inc. (See Nawiasky, P. Stein, and Zell, assignors.)
General Electric Company. (See Anderson, Arvid E., assignor.)
General Electric Company. (See Atchison, Leonard W., assignor.)
General Electric Company. (See Dalber, Ernst, assignor.)
General Electric Company. (See Gaston, Donald H., assignor.)
General Electric Company. (See Hinds, Henry P., assignor.)
General Electric Company. (See Holmes, Ralph S., assignor.)
General Electric Company. (See Hull, Edwin H., assignor.)
General Electric Company. (See LaPierre, Cramer W., assignor.)
General Electric Company. (See McLachlan, Willard J., assignor.)
General Electric Company. (See Merrill, Frank W., assignor.)
General Electric Company. (See Meyers, George J., Jr., assignor.)
General Electric Company. (See Morse, Harold F., assignor.)
General Electric Company. (See Newmann, Delbert F., assignor.)
General Electric Company. (See Oliver, James H., assignor.)
General Electric Company. (See Persch, Wilhelm, assignor.)
General Electric Company. (See Schwarzhaupt, Paul J., assignor.)
General Electric Company. (See Steenstrup, Christian, assignor.)
General Electric Company. (See Warner, Donald F., assignor.)
General Electric Company. (See Willis, C. H., and Bedford, assignors.)
General Engineering Co. (See Thorndike, Herbert A., assignor.)
General Manganese Corporation. (See Sweet, A. T., and MacCarthy, asignors.)
General Motors Corporation. (See Edwards, W. C., and Conwell, assignors.)
General Motors Corporation. (See Gibson, J. Lowell, assignor.)
General Motors Corporation. (See Gould, Richard E., assignor.)
General Motors Corporation. (See Loranger, Hubert R., assignor.)
General Motors Corporation. (See Robillard, Robert E., assignor.)
General Plastics, Inc. (See Dent, H. M., and Norton, assignors.)
George, Ralph W. (See Peterson, H. O., and George, assignors.)
Gerwer, Theodore J., West New Brighton, Staten Island, N. Y. Windshield defroster. 2,059,990; Nov. 3.
Gibson, J. Lowell, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,059,942; Nov. 3.
Gibson, William T. and D. H. Black, Aldwych, London, England, assignors to Western Electric Company, Incorporated, New York, N. Y. Electronic indicating device. 2,059,575; Nov. 3.
Gilbane, Frank J., assignor to Automatic Fire Alarm System, Inc., St. Louis, Mo. Thermostat for fire alarm systems. 2,059,689; Nov. 3.
Gilbert, Alfred G., South Acton, assignor to Reece Folding Machine Company, Boston, Mass. Infolding machine. 2,059,335; Nov. 3.
Gilbert & Barker Manufacturing Company. (See Logan, J. A., and Spear, assignors.)
Gilbert Corporation. (See Gilbert, Roswell W., assignor.)
Gilbert, Roswell W., assignor to Gilbert Corporation, East Orange, N. J. Potentiometric indicator. 2,059,786; Nov. 3.
Gillette Safety Razor Company. (See Stargardter, Albert R., assignor.)
Gilpin, Garth G., Riverside, Ill., assignor to P. H. Murphy Company, New Kensington, Pa. Car roof construction. 2,059,690; Nov. 3.
Girod, Edgar F., deceased, by Rosa B. Kingsbury, executrix, St. Louis, Mo., assignor to herself, individually. Wash boiler. 2,059,691; Nov. 3.
Gits, Remi J. (See Miller, Royal R., assignor.)
Glick, John A., Milford, assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Reenforced clutch ring. 2,059,576; Nov. 3.

Godowsky, Leopold, Jr. (See Mannes, L. D., and Godowsky.)
Goebring, Francis R., assignor to H. Belfield Company, Philadelphia, Pa. Valve. 2,059,991; Nov. 3.
Goldberg, Nathan, Denver, Colo. Portable safety signal. 2,059,996; Nov. 3.
Goldsmith, Richard M., New York, N. Y. Garment and closure therefor. 2,059,337; Nov. 3.
Good, Paul D., West Lawn, Pa. Cooler, humidifier, and air circulator. 2,059,637; Nov. 3.
Goodrich, B. F., Company, The. (See Catt, Harold W., assignor.)
Goodrich, B. F., Company, The. (See Schade, James W., assignor.)
Goodsill, Guy C., Hollywood, Calif. Display figure. 2,059,338; Nov. 3.
Gordon Baking Company. (See Gordon, James C., assignor.)
Gordon, James C., assignor to Gordon Baking Company, Detroit, Mich. Dough mixing apparatus. 2,059,730; Nov. 3.
Gould, Richard E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,059,992; Nov. 3.
Gouldbourn, Joseph, and T. A. Kestell, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,059,227; Nov. 3.
Government of the United States, The, represented by the Secretary of Commerce. (See Duncan, R., and Wilkinson, assignors.)
Gow, William G., Belleville, N. J., assignor to Charles Mauro, New York, N. Y. Treating nuts in the shell. 2,059,787; Nov. 3.
Granat, Joseph, San Francisco, Calif. Locked ring ensemble. 2,059,228; Nov. 3.
Grant, John. (See Ehrgott, Victor F., assignor.)
Grant, John. (See Edwin, Weldon C., assignor.)
Grant, John. (See Erwin, Weldon C., assignor.)
Grant, John. (See Santiago, James J., assignor.)
Graves, Elizabeth E. (See Hempstone, Elizabeth N., assignor.)
Graves, George De Witt, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins. 2,059,943; Nov. 3.
Gray, Harry L., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Manufacture of photographic films. 2,059,862; Nov. 3.
Gray Marine Motor Co. (See Fernstrum, Frank O., assignor.)
Green, Burton M., Brooklyn, N. Y. Azimuth circle. 2,059,944; Nov. 3.
Green, John. (See Holland, F. G., and Green, assignors.)
Green, William G., Tulsa, Okla. Neon sign. 2,059,451; Nov. 3.
Green, William T., assignor to Maas & Waldstein Co., Newark, N. J. Dipping machine. 2,059,339; Nov. 3.
Greer, Edward R. (See Barrett, W. D., and Greer.)
Gregg, Clarence M., Los Angeles, Calif., assignor to Los Angeles By-Products Co. Preparing discarded automobile fenders and similar materials for melting purposes. 2,059,229; Nov. 3.
Greig, James W., Grosse Pointe Park, assignor to Hudson Motor Car Company, Detroit, Mich. Ventilating window. 2,059,452; Nov. 3.
Grindrod, George, Oconomowoc, Wis., assignor to Grindrod Process Corporation, Dover, Del. Treating fruit juice (grape). 2,059,788; Nov. 3.
Grindrod, George, Oconomowoc, Wis., assignor to Grindrod Process Corporation, Dover, Del. Treating fruit juice. 2,059,789; Nov. 3.
Grindrod Process Corporation. (See Grindrod, George, assignor.)
Griswold, Frederick C., Port Jefferson, N. Y. Locking and releasing mechanism for swinging doors or the like. 2,059,692; Nov. 3.
Grottum, B. E. (See Hurst, James L., assignor.)
Gubelman, George. (See Bond, J. D., and Marbry, assignors.)
Guhl, Hermann, F. W. O. Dorl, and K. Gargel, Karlsruhe-in-Baden, assignors to Junker & Ruh, A.-G., Baden, Germany. Liquid fuel burner. 2,059,638; Nov. 3.
Gulf Research & Development Company. (See Chenault, Roy L., assignor.)
Gulf Research & Development Company. (See Lane, Abbot A., assignor.)
Gustafsson, Nils G. A., assignor to Svenska Ackumulator Aktiebolaget Jungner, Stockholm, Sweden. Method and means to run carburetor internal combustion engines. 2,059,334; Nov. 3.
Gutmann, Ferdinand & Co. (See Cohn, Benno, assignor.)
Gynex Corporation. (See Kaufman, G., and Lindner, assignors.)
Haager, Louis J., Richmond, Ind. Weed cutter. 2,059,731; Nov. 3.
Haas, Paul, Maspeth, assignor to United Research Corporation, Long Island City, N. Y. Pad roller assembly. 2,059,342; Nov. 3.
Hadfield, Frank, Chillicothe, assignor, by mesne assignments, to The Mead Corporation, Dayton, Ohio. Paper manufacture. 2,059,343; Nov. 3.
Hager, Karl. (See Limpach, O., and Hager.)
Hain, Frank J., Manteca, Calif. Gopher trap. 2,059,453; Nov. 3.
Hall, William K., and F. Heywood, The Green, Norton-on-Tees, England, assignors to Imperial Chemical Industries Ltd. Apparatus for granulating molten materials. 2,059,230; Nov. 3.
Halsam Products Company. (See Paulson, Nils I., assignor.)
Hamilton, James E., U. S. Navy. Device for cleaning fuel oil heaters. 2,059,231; Nov. 3.
Hamilton, R. J., Jr. (See Flavin, Arthur C., T. M., and W. B., assignors.)
Hamilton, William L., New York, N. Y. Elevated track for motor vehicles. 2,059,693; Nov. 3.
Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company. Fountain pen. 2,059,577; Nov. 3.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. High frequency oscillator and modulation circuit. 2,059,863; Nov. 3.
Hanson, Arthur F., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Stretcher strain remover. 2,059,993; Nov. 3.
Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Mechanism for operating milking machine valves. 2,059,340; Nov. 3.
Hardenbrook, Charles E., Jr., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon sheet materials. 2,059,344; Nov. 3.
Harder, Max, Oppau, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Maine, Germany. Recovery of fatty acids from oxidation products. 2,059,232; Nov. 3.
Hare, George, St. Petersburg, Fla. Hand meat block planer. 2,059,945; Nov. 3.
Harley, Thomas J., Chicago, Ill. Magneto rotor. 2,059,518; Nov. 3.
Harper, Joseph W. (See Frank, W. H., and Harper.)
Harrar, Ellwood S. (See Stubblefield, B. M., Thomas, and Harrar.)
Harris, Benjamin R. (See Epstein, A. K., and Harris.)
Harris, Louis A., Takoma Park, Md. Brake for fishing reels. 2,059,519; Nov. 3.
Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Shingle and forming the same. 2,059,233; Nov. 3.
Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Roofing element and assembly thereof. 2,059,234; Nov. 3.
Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Building material and making the same. 2,059,520; Nov. 3.
Hartmann, Otto, assignor to Schmidt'sche Heissdampf-Gesellschaft m. b. H., Kassel-Wilhelmshöhe, Germany. Apparatus for the generation of steam. 2,059,946; Nov. 3.
Harvell, John P., Newton, Mass., and E. A. Slye, East Hartford, Conn., said Harvell assignor to American Telephone and Telegraph Company, and said Slye assignor to Veeder-Root, Incorporated. 2,059,341; Nov. 3.
Hatfield, William H., Hathersage, assignor to Thos. Firth & John Brown Limited, Sheffield, England. Nitrided alloy steel cold-drawing die. 2,059,732; Nov. 3.
Havens, Charles M., San Francisco, assignor of one-eighth to D. I. Kirkman, Bakersfield, one-eighth to F. C. Havens, Los Angeles, one-eighth to C. E. Ruggles, and one-fourth to I. Ruggles, San Francisco, Calif. Tapering hair clipper. 2,059,454; Nov. 3.
Havens, Franklin C., et al. (See Havens, Charles M., assignor.)
Hawkins, Orlie A., Lamar, Colo. Splitting machine. 2,059,790; Nov. 3.
Hawley, Charles G., assignor to Centrifix Corporation, Cleveland, Ohio. Multistage centrifugal separation. 2,059,521; Nov. 3.
Hawley, Charles G., Chicago, Ill., assignor to Centrifix Corporation, Cleveland, Ohio. Petroleum refinement and the like. 2,059,522; Nov. 3.
Hawney, Frederick G., Seattle, Wash. Motor retard. 2,059,345; Nov. 3.
Heath, Delos P., Detroit, Mich. Evaporator device. 2,059,864; Nov. 3.
Hecht, Joseph L., Davenport, Iowa, assignor to French & Hecht, Incorporated. Making metal wheels. 2,059,346; Nov. 3.
Heidenthal, Warren C., Middletown, assignor to Ramapo Ajax Corporation, New York, N. Y. Rail lubricator. 2,059,235; Nov. 3.
Heil, Rudolf. (See Laska, L., and Heil, assignors.)
Heisser, Otto E., Chicago, Ill. Device for cleaning drain traps. 2,059,733; Nov. 3.
Hempstone, Elizabeth N., assignor to E. E. Graves, Washington, D. C. Combination book series and toy house. 2,059,964; Nov. 3.
Hennegan, Paul M., Cincinnati, Ohio, and R. A. Swain, Bellevue, Ky., said Swain assignor to said Hennegan. Synthetic resin product and process. 2,059,791; Nov. 3.
Hennessy, Mary C., assignor to Franklin Simon & Co., Inc., New York, N. Y. Slip. 2,059,865; Nov. 3.
Henning, Bruno W., San Francisco, Calif. Method of and apparatus for forming spiral pipes. 2,059,578; Nov. 3.
Henry, Charles P., and L. D. Batman, Oakland, Calif. Household appliance. 2,059,347; Nov. 3.
Hepburn, William M., Ottawa Hills, and T. W. Munford, assignor to Surface Combustion Corporation, Toledo, Ohio. Heating apparatus. 2,059,523; Nov. 3.

Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Caster. 2,059,348; Nov. 3.
Hertner Electric Company, The. (See Hertner, John H., assignor.)
Hertner, John H., Lakewood, assignor to The Hertner Electric Company, Cleveland, Ohio. Resistance unit. 2,059,349; Nov. 3.
Hess, Raymond W., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production of sulphur dyes. 2,059,579; Nov. 3.
Heymann, Edward, and F. W. Heymann, Boston, Mass. Electric lighting system. 2,059,350; Nov. 3.
Heymann, Frank W. (See Heymann, Edward, and F. W., assignors.)
Heymer, Gerd. (See Eggert, J., and Heymer.)
Heywood, Frank. (See Hall, W. K., and Heywood.)
Hicks, Earl M., Lebanon, Ind. Bus body. 2,059,866; Nov. 3.
Higginbotham, Charles L. (See Mendelhall, M. S., McCorkell, and Higginbotham.)
Hill, Clarence B., assignor to Backstay Welt Company, Union City, Ind. Coated fabric. 2,059,792; Nov. 3.
Hill, Rowland. (See Baird, W., and Hill.)
Hinds, Henry P., Providence, R. I., assignor to General Electric Company. Securing a metal member to a non-metallic tubular member. 2,059,867; Nov. 3.
Hinson, Robert J., London, England. Tree caliper. 2,059,580; Nov. 3.
Hixon, Harry, Sr., Lead, S. D. Spray device for use in mines. 2,059,639; Nov. 3.
Hoar, Stedman R., Orange, Calif., assignor, by mesne assignments, to Natural Food Products Company. Automatic air release means for vacuum systems. 2,059,455; Nov. 3.
Hodges, Frederick J., Waubaushene, Ontario, Canada. Insulator clamp. 2,059,456; Nov. 3.
Hoeveler, John A., assignor to Pittsburgh Reflector Company, Pittsburgh, Pa. Illuminating device. 2,059,868; Nov. 3.
Hoffman, Harry W., Buffalo, N. Y. Deodorant and disinfectant holder. 2,059,524; Nov. 3.
Hoke, Harry A., Altoona, Pa. Spring clip. 2,059,352; Nov. 3.
Holecek, Edward, Algona, Iowa. Antenna for automobiles. 2,059,869; Nov. 3.
Holland, Frank G., and J. Green, Cleveland, Ohio, assignors of one-third to E. F. Buescher. Barrel washing apparatus. 2,059,351; Nov. 3.
Hollar Company, The. (See Teubner, Edmund E., assignor.)
Hollingworth, Duncalf W., assignor to Continental-Diamond Fibre Company, Newark, Del. Water-resistant indurated fiber and making the same. 2,059,947; Nov. 3.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiving circuit. 2,059,581; Nov. 3.
Holmes, Ralph S., Haddon Heights, N. J., assignor to General Electric Company. Protective means for radio receiving apparatus. 2,059,870; Nov. 3.
Holslag, Claude J., South Orange, assignor to Electric Arc Cutting & Welding Company, Newark, N. J. Machining by electric current. 2,059,236; Nov. 3.
Holt, Harold S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating compositions. 2,059,948; Nov. 3.
Holthouse, Harry B., Chicago, Ill. Ignition system. 2,059,237; Nov. 3.
Honeyman, Henry W., Jr., East Providence, R. I. Dye jig. 2,059,871; Nov. 3.
Hood, Harrison P., assignor to Corning Glass Works, Corning, N. Y. Luminous discharge lamp. 2,059,640; Nov. 3.
Horton, Erwin C. (See Hueber, H., and Horton.)
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Accessory system. 2,059,457; Nov. 3.
Hosack, Francis A., New York, N. Y. Key releasing means. 2,059,458; Nov. 3.
Houck, Elmer S., York, Pa. Pie crimper. 2,059,353; Nov. 3.
Houck, Robert C. (See Sheppard, S. E., and Houck.)
Houdry Process Corporation. (See Lassiat, Raymond C., assignor.)
Hovden, Knut. (See Bentley, Raymond, assignor.)
Howland, Winthrop P., Pacific Beach, Calif. Animal trap. 2,059,238; Nov. 3.
Hudson Motor Car Company. (See Greig, James W., assignor.)
Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,059,354; Nov. 3.
Huelsdonk, August C., Seattle, Wash. Studio easel. 2,059,325; Nov. 3.
Hull, Edwin H., Schenectady, N. Y., assignor to General Electric Company. Spinning spindle. 2,059,872; Nov. 3.
Hund, Walter J., Oakland, and A. G. Loomis, Berkeley, Calif., and S. E. Lambert, Jr., Tulsa, Okla. Treating wells with acids. 2,059,459; Nov. 3.
Hunker, Martin L., assignor to The Reeves Manufacturing Company, Dover, Ohio. Stove damper and manufacture of same. 2,059,793; Nov. 3.
Hurewitz, Alexander, New York, N. Y. Finding for a clasp. 2,059,582; Nov. 3.
Hurst, James L., Spirit Lake, Iowa, assignor of one-half to B. E. Grottum, Jackson, Minn. Animal trap. 2,059,355; Nov. 3.
Hustad, Hugo R., New York, N. Y., assignor of one-half to Warren M. Florance, Bethlehem, Pa. Motor speed equalizer. 2,059,641; Nov. 3.
I. G. Farbenindustrie, Aktiengesellschaft. (See Beller, H., and Schellmann, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Diezt. K., and Frank, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Eggert, J., and Heymer, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Esselmann, P., and Kösslinger, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Harder, Max, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Smeykal, Karl, assignor.)
Imler, Thomas, Phoenix, Ariz. Keeper for a gun sling. 2,059,949; Nov. 3.
Imperial Chemical Industries Limited. (See Baird, W., and Hill, assignors.)
Imperial Chemical Industries Ltd. (See Hall, W. K., and Heywood, assignors.)
Imperial Chemical Industries Limited. (See Piggott, Henry A., assignor.)
Imperial Chemical Industries Limited. (See Traill, David, assignor.)
Ingersoll-Rand Company. (See Woodard, George H., assignor.)
Institute of Paper Chemistry, The. (See Kress, O., and Johnson, assignors.)
International Business Machines Corporation. (See Kirkegaard, Elnar L., assignor.)
International Business Machines Corporation. (See Lang, William, assignor.)
International Business Machines Corporation. (See Page, Ralph E., assignor.)
International Business Machines Corporation. (See Sprecker, Alfred L., assignor.)
International Business Machines Corporation. (See Thorsson, Matthew T., assignor.)
International Harvester Company. (See Crumb, C. F., and Roscoe, assignors.)
International Harvester Company. (See MacDonald, Raymore D., assignor.)
International Harvester Company. (See Straub, J. C. A., and Manwarning, assignors.)
Iowa Malleable Iron Company. (See van Lantschoot, August A., assignor.)
Irey, Kenneth M., Ridgefield Park, N. J., and L. C Swallen, Terre Haute, Ind., assignors to Resinox Corporation, New York, N. Y. Production of molding resins. 2,059,526; Nov. 3.
Israel, Saul N. (See Peddle, F., Bentley, and Israel.)
Iversen, Lorenz, Pittsburgh, assignor to Mesta Machine Company, Homstead, Pa. Method and apparatus for scale breaking and edging hot metal slabs. 2,059,460; Nov. 3.
Jackson, Corwill, Ludington, Mich. Implement for treating and placing materials. 2,059,239; Nov. 3.
Jackson, Frank F., Cleveland, Ohio. Furnace unit. 2,059,794; Nov. 3.
Jackson, Ralph H., and H. P. Kirchner, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive belt. 2,059,583; Nov. 3.
Jacobi, Edward N., assignor to Briggs and Stratton Corporation, Milwaukee, Wis. Lock. 2,059,694; Nov. 3.
Jacobi, Edward N., assignor to Briggs & Stratton Corp., Milwaukee, Wis. Lock. 2,059,695; Nov. 3.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,059,696; Nov. 3.
Jacobi, Edward N., assignor to Briggs and Stratton Corporation, Malwaukee, Wis. Lock. 2,059,697; Nov. 3.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,059,698; Nov. 3.
James, Arthur E., Bidwell, Ohio. Windmill. 2,059,356; Nov. 3.
Jewett, William Van D., Fall River, Mass., assignor to United Merchants & Manufacturers, Inc., New York, N. Y. Loom. 2,059,357; Nov. 3.
Johns, James H., Los Angeles, Calif. Grinding mill. 2,059,795; Nov. 3.
Johns-Manville Corporation. (See Parsons, Raymond V., assignor.)
Johnson, Carl H., Duluth, Minn. Road sanding mechanism. 2,059,950; Nov. 3.
Johnson, Charles E. (See Kress, O., and Johnson.)
Johnson, Clarence E., Easton, and H. T. Moore, Drexel Hill, Pa. Oil clarifier. 2,059,358; Nov. 3.
Johnson Laboratories, Inc. (See Polydoroff, Wladimir, J., assignor.)
Johnson, Oscar W., Rochester, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio. Removable container for extractors. 2,059,461; Nov. 3.
Johnson, Tomlinson F., Atlanta, Ga. Repeating-fuse. 2,059,796; Nov. 3.
Johnson, Wallace C., Orange, N. J., assignor to The Plykrome Corporation, New York, N. Y. Making composite metal. 2,059,584; Nov. 3.
Johnson, William W. Houston, Tex., assignor to Sinclair Refining Company, New York, N. Y. Coking hydrocarbons. 2,059,734; Nov. 3.

Johnston, Herbert V., Modesto, Calif. Step-in baby crib. 2,059,240; Nov. 3.
Joncha, Anton, East Moline, Ill., assignor to American Machine and Metals Manufacturing Corporation, New York, N. Y. Grease dispensing unit. 2,059,965; Nov. 3.
Jones, Clarence L. G., Parktown, Johannesburg, Transvaal, Union of South Africa. Changeable signs. 2,059,951; Nov. 3.
Jones, John A., and A. C. Miller, Baltimore, Md. Machine for trimming and splicing the waste ends of paper and similar webs. 2,059,873; Nov. 3.
Jones, Paul Edward. (See Montgomery, J. E., and Jones.)
Jones, W. D. (See Thompson, Alex, assignor.)
Jones, Walter, Princeton, assignor to Carrier Engineering Corporation, Newark, N. J. Cold storage humidification and dehumidification system. 2,059,874; Nov. 3.
Jorgensen, Jacob C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,059,241; Nov. 3.
Joseph, Albert G. (See Katz, Solomon, assignor.)
Joseph, Glenn H. (See Thompson, D. R., and Joseph, assignors.)
Jung, Norbert A., Cincinnati, Ohio, assignor to Remington Rand Inc., New York, N. Y. Tally winding spool for typewriting, computing, and like machines. 2,059,242; Nov. 3.
Jungmann, Heinrich, Altona-Othmarschen, assignor to Kali-Chemie Aktiengesellschaft, Berlin, Germany. Hexamethylenetetramine compound and producing the same. 2,059,462; Nov. 3.
Junker & Ruh, A.-G. (See Guhl, H., Dorl, and Gargel, assignors.)
Kabushiki Kaisha L. Leybold Shokwan et al. (See Okano, Kinji, assignor.)
Kaestner, E. A., Company. (See Kaestner, Robert E., assignor.)
Kaestner, Robert E., Baltimore, Md., assignor to E. A. Kaestner Company. Dumping and draining apparatus. 2,059,997; Nov. 3.
Kali-Chemie Aktiengesellschaft. (See Jungmann, Heinrich, assignor.)
Kane, Henry D. (See Rosenberg, George S., assignor.)
Kankelwitz, Bruno, Dresden, Germany. Manufacturing photographic silver halide developing emulsions durably free from grey and yellow fogging and of durable quality. 2,059,642; Nov. 3.
Kaplan, William, Lynbrook, N. Y., assignor to Doherty Research Company, New York, N. Y. Petroleum conversion. 2,059,527; Nov. 3.
Karges, Albert, Woodstock, Ontario, Canada. Float valve. 2,059,259; Nov. 3.
Katz, Solomon, assignor of one-half to A. G. Joseph, Chicago, Ill. Seat cushion. 2,059,875; Nov. 3.
Kaufman, Gerson, Flushing, and B. Lindner, Larchmont, assignors to Gynex Corporation, New York, N. Y. Dispensing device. 2,059,266; Nov. 3.
Kayser, Julius, & Co. (See Boadwee, R. K., and Seem, assignors.)
Keith, George, assignor to James Keith & Blackman Company, Limited, London, England. Gas burner. 2,059,360; Nov. 3.
Keith, James, & Blackman Company, Limited. (See Keith, George, assignor.)
Kelly, Harry G., Omaha, Nebr. Rolling door mechanism. 2,059,585; Nov. 3.
Kelly, Vaughn. (See Bogin, C., and Kelly.)
Kemp, David, New York, N. Y. Tent. 2,059,463; Nov. 3.
Kennedy, Emmett F., Garfield Heights, assignor to The Cleveland Co-Operative Stove Company, Cleveland, Ohio. Stove or range. 2,059,735; Nov. 3.
Kennedy, Harry E., Berkeley, Calif. Ignition system for internal combustion engines. 2,059,243; Nov. 3.
Kenworthy, Kenneth P., Moscow, Idaho. Color screen holder. 2,059,361; Nov. 3.
Kestell, Thomas A. (See Gouldbourn, J., and Kestell.)
Kevser, Julius, & Co. (See Boadwee, R. K., and Seem, assignors.)
Kidde, Walter, & Company. (See Mapes, Daniel, assignor.)
Kiekhaefer, Elmer C., assignor to Stearns Magnetic Manufacturing Company, Milwaukee, Wis. Automatic brake. 2,059,244; Nov. 3.
Kilgour, Dwight F., Lexington, Mass. Combustion apparatus. 2,059,586; Nov. 3.
Kimball, James L., Danvers, assignor to Ruggles-Klingemann Mfg. Co., Salem, Mass. Heat control. 2,059,362; Nov. 3.
Kimball, Linwood, Danvers, assignor to Ruggles-Klingemann Mfg. Co., Salem, Mass. Throttle valve. 2,059,363; Nov. 3.
Kimball, Linwood, Danvers, assignor to Ruggles-Klingemann Mfg. Co., Salem, Mass. Throttle valve. 2,059,364. Nov. 3.
Kimble Glass Company. (See Meyer, Felix, assignor.)
King, Cecil C., Millville, N. J. Pitching control practice device. 2,059,265; Nov. 3.
Kingsbury, Rosa B., executrix. (See Girod, Edgar F., assignor.)
Kinzle, Phillip A., Denver Colo., assignor to Universal Hydraulic Corporation, Denver, Colo. Troque mechanism. 2,059,366; Nov. 3.
Kirchner, Henry P. (See Jackson, R. H., and Kirchner.)
Kirkegaard, Elnar L., Detroit, Mich., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulator. 2,059,797; Nov. 3.
Kirkman, Doris J., et al. (See Havens, Charles M., assignor.)
Kittle, Harry E., assignor of one-half to L. M. Fowler, St. Johnsville, N. Y. Can opener. 2,059,367; Nov. 3.
Klatt, Herman, Pueblo, Colo. Revolving wing aircraft. 2,059,528; Nov. 3.
Kleenburn Stoker Corporation. (See Shott, Christian M., assignor.)
Kliesrath, Victor W., Port Washington, N. Y., assignor to The Steel Wheel Corporation, Chicago, Ill. Motor vehicle. 2,059,245; Nov. 3.
Kliesrath, Victor W., South Bend, Ind., assignor to The Steel Wheel Corporation, Chicago, Ill. Motor vehicle. 2,059,246; Nov. 3.
Klotz, Ernst, and H. O., Roosenstein, assignors to Telefunken Gesellschaft für Drahtlose m. b. H., Berlin, Germany. Oscillation generator. 2,059,587; Nov. 3.
Kniss, Frank C., El Dorado, Ark. Stuffing box. 2,059,798; Nov. 3.
Knox, Harry A., Washington, D. C. Track for track-laying vehicles. 2,059,247; Nov. 3.
Kobayoshi, Heitaro, et al. (See Okano, Kinji, assignor.)
Kobe, Herman J. (See Friedel, P. C., and Kobe.)
Kobler & Co. (See Kobler, Victor and W., assignors.)
Kobler, Victor and W., assignors to the firm Kobler & Co., Zurich, Switzerland. Handling device for packages or the like. 2,059,643; Nov. 3.
Kobler, Werner. (See Kobler, Victor and W.)
Koch, Lawrence E. (See Phelan, L. A. M., and Koch, assignors.)
Kögel, Wilhelm, Stockholm, Sweden, assignors, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,059,877; Nov. 3.
Kögel, Wilhelm G., and N. E. Widell, Stockholm, Sweden, assignors, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,059,876; Nov. 3.
Köhler, Peter, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigerator. 2,059,878; Nov. 3.
König, Erwin, Berlin-Neukoelln, assignor to Allgemeine Elektricitatz Gesellschaft, Berlin, Germany. Indicator for radio receivers. 2,059,248; Nov. 3.
Kopf, John C., assignor to Jabez Burns & Sons, Inc., New York, N. Y. Granulating apparatus. 2,059,249; Nov. 3.
Kösslinger, Karl. (See Esselmann, P., and Kösslinger, assignors.)
Kress, Otto, and C. E. Johnson, assignors to The Institute of Paper Chemistry, Appleton, Wis. Sizing paper. 2,059,464; Nov. 3.
Kress, Otto, and C. E. Johnson, assignors to The Institute of Paper Chemistry, Appleton, Wis. Sizing paper. 2,059,465; Nov. 3.
Krum, Howard L., Kenilworth, assignor to Teletype Corporation, Chicago, Ill. Keyboard perforator and counter. 2,059,250; Nov. 3.
Krupp, Fried., Aktiengesellschaft. (See Naumann, Friedrich K., assignor.)
Krupp, Fried., Aktiengesellschaft. (See Rittershausen, Fritz, assignor.)
Kruttschnitt, John, San Mateo, Calif. Automatic cutter. 2,059,368; Nov. 3.
Kuhn, John J., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,059,588; Nov. 3.
Kwake, Joseph A., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Door lock. 2,059,369; Nov. 3.
Lake, Edward R. (See Cowan, H. G., Lake, and Urbanowitz.)
Lambert, Samuel E., Jr. (See Hund, W. J., Loomis, and Lambert.)
Landi, Emanuele, New York, N. Y. Jingle dancing shoe. 2,059,952; Nov. 3.
Lane, Abbot, A., O'Hara Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Valve seat member. 2,059,370; Nov. 3.
Lane, Gerould T., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Sizing photographic paper. 2,059,880; Nov. 3.
Lane, Gerould T., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Apparatus for sizing photographic paper. 2,059,881; Nov. 3.
Lang, William, assignor to International Business Machines Corporation, New York, N. Y. Card verifier. 2,059,799; Nov. 3.
Langford, George, assignor to McKenna Process Company of Illinois, Joliet, Ill. Repair of rail joints in track. 2,059,529; Nov. 3.
La Pierre, Cramer W., Schenectady, N. Y. assignor to General Electric Company. Recording device 2,059,879; Nov. 3.
La Plant-Choate Manufacturing Company. (See Barrett W. D., and Greer, assignors.)
Larson, Walter M., Minneapolis, Minn. Drier for razors and razor blades. 2,059,699; Nov. 3.

Laska, Leopold, and R. Heil, Offenback-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. 4-amino-dinitro-diphenylamines and preparing them. 2,059,800; Nov. 3.

Lasker, William W. (See Rand, J. H., Jr., and Lasker, assignors.)

Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Printing and paper feeding mechanism for adding machines or the like. 2,059,251; Nov. 3.

Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Tabulating machine. 2,059,252; Nov. 3.

Lasker, William W., Brooklyn, N. Y., assignor to Remington Rand Inc., Buffalo, N. Y. Combined typewriter, accounting machine, and punch. 2,059,253; Nov. 3.

Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Card magazine. 2,059,254; Nov. 3.

Lassiat, Raymond C., Paris, France, assignor to Houdry Process Corporation, Dover, Del. Multiple manifolding apparatus. 2,059,255; Nov. 3.

Latshaw, Elmer, assignor to J. G. Brill Company, Philadelphia, Pa. Car wheel. 2,059,256; Nov. 3.

Lay Harry J., Portland, Ind. Broom and making the same. 2,059,530; Nov. 3.

Leach, Charles H., Rochelle, N. J. Heat exchange apparatus. 2,059,967; Nov. 3.

Leclerc, Ovide. (See Morrissette, Emery, assignor.)

Leedham, Leslie H., assignor to Wildt and Company Limited, Leicester, England. Yarn winding machine. 2,059,589; Nov. 3.

Le Febvre, Alfred L., Hartford, assignor of one-half to A. I. Nellis, West Hartford, Conn. Knitting needle. 2,059,968; Nov. 3.

Legg, Richard R., Oklahoma City, Okla. Hot water heater shell. 2,059,371; Nov. 3.

Lehigh University, et al. (See Long, J. S., and Ball, assignors.)

Leonhauser, Henry A., Baltimore, Md., assignor to The Carborundum Company, Niagara Falls, N. Y. Car wheel grinding device. 2,059,590; Nov. 3.

Leoni, Plinde, New York, N. Y. Automatic variable gear ratio transmission. 2,059,591; Nov. 3.

Letterman, William E., Seattle, Wash. Spark plug. 2,059,257; Nov. 3.

Lever Brothers Company. (See Andersen, Carl N., assignor.)

Libert, Arthur J., Green Bay, Wis. Compensating lever mechanism for shears. 2,059,644; Nov. 3.

Limpach, Otto, Wiesbaden-Biebrich, and K. Hager, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Aromatic imino compounds and making them. 2,059,466; Nov. 3.

Linaker, Frederick W., St. Louis, Mo. Boiler cleaner. 2,059,592; Nov. 3.

Lindell, Bertil T. (See Widman, C. H., Lindell, and Seibold.)

Lindgren, Hans O., Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Liquid discharge device for centrifugal separators. 2,059,372; Nov. 3.

Lindner, Benjamin. (See Kaufman, G., and Lindner.)

Lindsay, Harvey B., Evanston, Ill. Insulating structure and manufacturing same. 2,059,801; Nov. 3.

Linsky, Jack, New York, N. Y. Cap for typewriter key bars. 2,059,882; Nov. 3.

Lloyd, Arthur, Birmingham, assignor to Bakelite Limited, London, England. Manufacture of pressed tubes or the like. 2,059,373; Nov. 3.

Lockett, Donald P. (See Wood, N., and Lockett, assignors.)

Lofstrand, Anders R., Jr., Washington, D. C., assignor, by mesne assignments, to Lofstrand Company. Tray. 2,059,258. Nov. 3.

Lofstrand Company. (See Lofstrand, Anders R., Jr., assignor.)

Logan, Joseph A., Springfield, and L. F. Spear, Westfield, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Oil tester. 2,059,374; Nov. 3.

Logan-Newville Motors, Inc. (See Logan, William F., assignor.)

Logan, William F., Cape May, assignor to Logan-Newville Motors, Inc., Wildwood, N. J. Engine. 2,059,802; Nov. 3.

Loimann, Anton, Chemnitz, Germany. Operating mechanism for the thread-carrier rails of flat framework knitting machines. 2,059,375; Nov. 3.

Lombardo, Joseph, assignor of one-half to S. Roth, Chicago, Ill. Apparatus for picking locks. 2,059,376; Nov. 3.

Long, Fred R., Catawissa, Pa. Combined pipe union and check valve. 2,059,531; Nov. 3.

Long, James S., and G. L. Ball, Jr., Bethlehem, Pa., said Ball assignor of one-third to Archer-Daniels-Midland Company, and one-sixth to Lehigh University. Blown drying oil and derivatives thereof. 2,059,259; Nov. 3.

Long, James S., Coopersburg, Pa., and G. F. Beal, Minneapolis, Minn., assignors to Archer-Daniels-Midland Company. Reacting compounds of unsaturated oil and producing the same. 2,059,260; Nov. 3.

Loomis, Albert G. (See Hund, W. J., Loomis, and Lambert.)

Loosley, Henry R., and W. O. Lowry, East St. Louis, Ill. Cooler cabinet. 2,059,700; Nov. 3.

Loranger, Hubert R., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,059,593; Nov. 3.

Los Angeles By-Products Co. (See Gregg, Clarence M., assignor.)

Lowe, Joe, Corporation. (See Rosner, Henry I., assignor.)

Lowenstein, Fredrick E., Kansas City, Kans. Fuse and holder therefor. 2,059,467; Nov. 3.

Lowry, Wendell O. (See Loosley, H. R., and Lowry.)

Lubcke, Harry R. (See Farnsworth, P. T., and Lubcke, assignors.)

Lubrication Corporation, The. (See MacIndoe, John F., assignor.)

Lubrication Corporation, The. (See Roth, Harris C., assignor.)

Lyon, George A., Allenhurst, N. J. Treating steel. 2,059,468; Nov. 3.

Maas & Waldstein Co. (See Green, William T., assignor.)

Macbeth, Colin, Birmingham, England. Vulcanizing or similar press. 2,059,883; Nov. 3.

MacCarthy, John D. (See Sweet, A. T., and MacCarthy.)

MacDonald, Raymore D., Western Springs, Ill., assignor to International Harvester Company. Grinding mill. 2,059,377; Nov. 3.

MacGlashan, Lionel C., Detroit, Mich. Diaper. 2,059,956; Nov. 3.

MacIndoe, John F., Philadelphia, Pa., assignor to The Lubrication Corporation, Chicago, Ill. Pressure fitting for lubrication. 2,059,701; Nov. 3.

Madison, William F., Rochester, N. Y. Four-point pitching horseshoe. 2,059,378; Nov. 3.

Malishev, Boris, Berkeley, Calif. Treating organic liquids with phosphorus pentoxide. 2,059,469; Nov. 3.

Manarik, Joseph A., Chicago, Ill. Bottle cap remover. 2,059,736; Nov. 3.

Mann, Robert, Memphis, Tenn. Blood transfusion apparatus and method. 2,059,803; Nov. 3.

Mannes, Leopold D., and L. Godowsky, Jr., Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Color photography. 2,059,884; Nov. 3.

Mannes, Leopold D., and L. Godowsky, Jr., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Differential treatment of multilayer films. 2,059,887; Nov. 3.

Manwarning, Howard S. (See Straub, J. C. A., and Manwarning.)

Mapes, Daniel, Montclair, N. J., assignor to Walter Kidde & Company, Inc., New York, N. Y. Discharging of stored pressure medium containers. 2,059,969; Nov. 3.

Marbry, Alpheus V. (See Bond, J. D., and Marbry.)

Marien Charles A. and M. W., assignors to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Piston resizing and reshaping machine. 2,059,379; Nov. 3.

Marien, Melvin W. (See Marien, Charles A., and M. W., assignors.)

Marlow, Alfred S. (See Stratton, Albert C., assignor.)

Marquardt Company. (See Noel, Burt R., assignor.)

Marshall, Paul M., Constantine, Mich. Farm tractor. 2,059,261; Nov. 3.

Martin, Herbert E., Cumberland, Md., assignor to Celanese Corporation of America. Colorless organic derivatives of cellulose. 2,059,380; Nov. 3.

Martin, Herbert E., Cumberland, Md., assignor to Celanese Corporation of America. Treatment of substitution derivatives of cellulose. 2,059,381; Nov. 3.

Martin, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,059,888; Nov. 3.

Maschinenfabrik Augsburg-Nurnberg A. G. (See Mayer, Max, assignor.)

Massa, Ernest A., Jr., Haddon Heights, assignor of fifty-five per cent to Frank Massa, West Collingswood, N. J. Electrical measuring instrument. 2,059,594; Nov. 3.

Massa, Frank. (See Massa, Ernest A., Jr., assignor.)

Maten, Coert and S., Detroit, Mich. Cigarette case. 2,059,382; Nov. 3.

Maten, Stephen. (See Maten, Coert and S., assignors.)

Mather, Alonzo C., Chicago, Ill. Combined side and platform for cars. 2,059,737; Nov. 3.

Matthias, Lynn H., Shorewood, assignor to Allen-Bradley Company, Milwaukee, Wis. Electric switch. 2,059,702; Nov. 3.

Mattison, Norman D., Montclair, N. J. Footwear. 2,059,470; Nov. 3.

Maurer, Paul H. (See Ferguson, M. P., and Maurer.)

Mauro, Charles. (See Gow, William G., assignor.)

Mayberry, De Ella B., Detroit, Mich. Multiple cooker. 2,059,953; Nov. 3.

Mayer, Max, assignor to Maschinenfabrik Augsburg-Nurnberg A. G., Augsburg, Germany. Locomotive. 2,059,471; Nov. 3.

McBane, Walter W., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Coil handling apparatus. 2,059,703; Nov. 3.

McCorkell, Vernon. (See Mendenhall, M. S., McCorkell, and Higginbotham.)

McCurdy, Ralph G., Englewood, N. J. Power transmitting apparatus. 2,059,738; Nov. 3.

McDonald, Lawrence W., Russellville, Ark. Animal trap. 2,059,954; Nov. 3.

McElroy, Karl P., Washington, D. C. Standardizing water for mashing processes. 2,059,645; Nov. 3.

McKeage, John F., assignor to McKeage Machinery Co., Montrose, Pa. Meat cutting machine. 2,059,595; Nov. 3.

McKeage Machinery Co. (See McKeage, John F., assignor.)

McKenna, Barney, Whiting, Ind. Valve reseating tool. 2,059,383; Nov. 3.

McKenna Process Company of Illinois. (See Langford, George, assignor.)

McLachlan, Willard J., Scotia, N. Y., assignor to General Electric Company. System of electric distribution. 2,059,885; Nov. 3.

McWherter, Miles C., Derry, Pa. Inner tube for pneumatic tires. 2,059,955; Nov. 3.

Mead Corporation, The. (See Hadfield, Frank, assignor.)

Mendenhall, Milo S., V. McCorkell, and C. L. Higginbotham, Seneca, Mo. Obstetric table. 2,059,957; Nov. 3.

Ment, Herbert. (See Ment, Jacob, and S. and H.)

Ment, Jacob S. and H., New York, N. Y. Safety window scaffold. 2,059,739; Nov. 3.

Ment, Sidney. (See Ment, Jacob and S., and H.)

Menten, Francisco et al. (See Frediani, Dandolo, assignor.)

Menten, Pedro et al. (See Frediani, Dandolo, assignor.)

Mercedes Büromaschinen-Werke Aktiengesellschaft. (See Pott, Friedrich, assignor.)

Merrill, Frank W., Fort Wayne, Ind., assignor to General Electric Company. Dynamo-electric machine. 2,059,886; Nov. 3.

Messing, Joseph. (See Frank, W. H., and Messing.)

Messing, Joseph A. (See Frank, William H., Messing, and Frank.)

Mesta Machine Company. (See Iversen, Lorenz, assignor.)

Meszar, John, Bogota, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call distributing system. 2,059,596; Nov. 3.

Metcalf, Herbert E., San Francisco, Calif. Sound recording system. 2,059,473; Nov. 3.

Metcalf, Herbert E., Walnut Creek, assignor to Frank Rieller, Inc., San Francisco, Calif. Sound recording system. 2,059,472; Nov. 3.

Meyer, Felix, Aachen, Germany, assignor to Kimble Glass Company, Vineland, N. J. Method of and apparatus for forming glass bodies. 2,059,474; Nov. 3.

Meyer, Frederick S., Minneapolis, Minn. Preparing dental restoratives. 2,059,262; Nov. 3.

Meyers, George J., Jr., Lynn, Mass., assignor to General Electric Company. Film cut-out. 2,059,890; Nov. 3.

Milford Rivet and Machine Company, The. (See Fleming, George W., assignor.)

Miller, Alfred C. (See Jones, J. A., and Miller.)

Miller, Charles E., assignor to Wadhams Oil Company, Milwaukee, Wis. Lubricant nozzle extension. 2,059,704; Nov. 3.

Miller, Gustave, New Haven, Conn. Dictating machine cylinder vacuum cleaner. 2,059,263; Nov. 3.

Miller, Royal R., assignor of one-half to R. J. Gits, Chicago, Ill. Washing machine drive mechanism. 2,059,264; Nov. 3.

Millville Manufacturing Company, The. (See Skedgell, David E., assignor.)

Minchew, Thomas H., Detroit, Mich. Vernier caliper. 2,059,740; Nov. 3.

Minneapolis-Honeywell Regulator Company. (See Fillo, Francis B., assignor.)

Moeller, Otto, Brooklyn, N. Y., assignor to The Standard Stoker Company, Incorporated. Stoker conveyer. 2,059,705; Nov. 3.

Moles, John. (See Backer, F. E., and Moles.)

Montgomery, Julian E., Shaker Heights, and P. E. Jones, Cleveland Heights, assignors to The Otis Steel Company, Cleveland, Ohio. Coated rolling mill roll. 2,059,384; Nov. 3.

Moore Company, The. (See Wunderlich, William E., assignor.)

Moore, Henry T. (See Johnson, C. E., and Moore.)

Moore, James Ballard. (See Cook, J. F., Jr., and Moore.)

Morin, Edward J., Omaha, Nebr. Audible road signal. 2,059,958; Nov. 3.

Morse, Harold F., Southport, Conn., assignor to General Electric Company. Bearing structure for electric motors and the like. 2,059,891; Nov. 3.

Morrissette, Emery, assignor of one-half to O. Leclerc, Montreal, Quebec, Canada. Door check and closer. 2,059,385; Nov. 3.

Morton, William A., Pittsburgh, Pa. Glass feeder. 2,059,889; Nov. 3.

Mossberg, Frank, Attleboro, Mass., assignor to Mossberg Pressed Steel Corporation. Swift. 2,059,741; Nov. 3.

Mossberg Pressed Steel Corporation. (See Mossberg, Frank, assignor.)

Motion Displays, Inc. (See Withworth, James, assignor.)

Müller, Ferdinand C. (See Pilliod, T. J., and Müller.)

Mumaugh, William A., Lima, Ohio. Water heater for stoves and furnaces. 2,059,959; Nov. 3.

Munford, Theodore W. (See Hepburn, W. M., and Munford.)

Murphy, Everett E., Newburyport, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and manufacturing the same. 2,059,386; Nov. 3.

Murphy, Francis M. G. (See Wilson, W. P., and Murphy, assignors.)

Murphy, Joseph E. (See Beale, L. W., and Murphy.)

Murphy, P. H., Company. (See Gilpin, Garth G., assignor.)

Murray Corporation of America, the. (See Widman, C. H., Lindell, and Seibold, assignors.)

Myers, Edward R., Ottawa, Ontario, Canada, assignor to Remington Rand Inc., Buffalo, N. Y. Two-card sorting mechanism. 2,059,265; Nov. 3.

Myers, Latimer D., assignor to Emery Industries, Inc., Cincinnati, Ohio. Dry cleaning. 2,059,475; Nov. 3.

Naamlooze Vennootschap Ijzerhandel I. M. de Vries. (See De Vries, Abraham, assignor.)

Nagel, August, Stuttgart, Germany, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Shutter actuating mechanism. 2,059,892; Nov. 3.

Nagel, Ernest A., Meadville, Pa. Drain cleaner. 2,059,532; Nov. 3.

Naifeldt, William, Clifton, assignor to World Bestos Corporation, Paterson, N. J. Molded brake lining apparatus. 2,059,387; Nov. 3.

Nasstrom, Robert, et al. (See Nelson, Oscar C., assignor.)

National Aniline & Chemical Company. (See Hess, Raymond W., assignor.)

National Lock Co. (See North, Edwin, assignor.)

National Pumps Corporation. (See Bradley, Eric H., assignor.)

National Wire Goods Manufacturing Company. (See Boyles, David S., assignor.)

Natural Food Products Company. (See Hoar, Stedman B., assignor.)

Nauman, Friedrich K., Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Manufacture of articles from steel alloys. 2,059,893; Nov. 3.

Nawlasky, Paul, Ludwigshafen-on-the-Rhine, Berthold Stein, Mannheim, and R. Zell, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the anthraquinone series. 2,059,476; Nov. 3.

Nellis, Aubrey I. (See Le Febvre, Alfred L., assignor.)

Nelms, Joseph C., East Cleveland, Ohio. Treatment for improving bituminous coal. 2,059,388; Nov. 3.

Nelson, George S., Salt Lake City, Utah. Wide span roof construction. 2,059,477; Nov. 3.

Nelson, Oscar C., assignor of one-half to G. V. Abrahamson and one-half to R. Nasstrom, Minneapolis, Minn. Combination chair and ironing bord. 2,060,000; Nov. 3.

Nesbitt, Francis G., Dayton, Ohio. Gyro horizon indicator. 2,059,266; Nov. 3.

New Jersey Zinc Company, The. (See Waring, Robert K., assignor.)

Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Refrigerator compressor. 2,059,894; Nov. 3.

Nichols, James C., Chicago, Ill. Roll end protector. 2,059,267; Nov. 3.

Noel, Burt R., assignor to Marquardt Company, Milwaukee, Wis. Inner spring mattress. 2,059,478; Nov. 3.

Nolan, Frank J., Bridgeport, Conn., assignor to Electro-Gas Corporation, Rochester, N. Y. Apparatus for producing a dry fixed gas. 2,059,268; Nov. 3.

Nolan, Frank J., Bridgeport, Conn., assignor to Electro-Gas Corporation, Rochester, N. Y. Apparatus for producing a dry fixed gas. 2,059,269; Nov. 3.

North, Edwin, assignor to National Lock Co., Rockford, Ill. Latching device. 2,059,479; Nov. 3.

North Electric Mfg. Company, The. (See Boswau, Hans P., assignor.)

North & Judd Manufacturing Company. (See Freysinger, John B., assignor.)

Norton, Arthur J. (See Dent, H. M., and Norton.)

Norton, Charles H., Plainville, Conn., and A. G. Belden, assignors to Norton Company, Worcester, Mass. Grinding machine. 2,059,895; Nov. 3.

Norton Company. (See Norton, C. H., and Belden, assignors.)

Obermaier, John A., Chicago, Ill. Thermocouple. 2,059,480; Nov. 3.

O'Bryan, Francis L., Sr., deceased, Framingham Center, Mass., M. O'Bryan, administratrix. Internal combustion engine. 2,059,804; Nov. 3.

O'Bryan, Marion, administratrix. (See O'Bryan, Francis L., Sr.)

Ohio Brass Company, The. (See Taylor, John J., assignor.)

Olshei, John R., and W. J. Chellew, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaning system. 2,059,481; Nov. 3.

Okano, Kinji, Yanagawa-Shinden, Wakamatsu-Mura Kashima-Gun, Ibaraki-Ken, assignor to Kabushiki Kaisha L. Leybold Shokwan, Tokyo, and Heitaro Kobayashi, Choshi-City, Japan. Back rest. 2,059,597; Nov. 3.

Oliver, Christopher S. (See Devereux, W. C., and Oliver.)

Oliver Farm Equipment Company. (See Altgelt, Herman E., assignor.)

Oliver, James H., Aldan, Pa., assignor to General Electric Company. Supervisory control system. 2,059,896; Nov. 3.

Olson, John E., assignor to The Celon Company, Madison, Wis. Closure for containers and making. 2,059,897; Nov. 3.

Olson, Ole J., Redfield, S. Dak. Feeder. 2,059,482; Nov. 3.

Osborne, Will, Hazleton, Pa. Producing musical sound effects. 2,059,898; Nov. 3.

Otis, Russell M. (See Fowler, A. A., and Otis.)

Otis Steel Company, The. (See Montgomery, J. E., and Jones, assignors.)

Oura, Hector L., Hillingdon, assignor to Electric and Musical Industries Limited, Middlesex, England. Frequency discriminating electric network. 2,059,389; Nov. 3.
Paasche, Jens A., Wilmette, Ill. Air painting device. 2,059,706; Nov. 3.
Packard Motor Car Company. (See Best, Frank C., assignor.)
Page, Ralph E., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Verifier. 2 059,805; Nov. 3.
Pagel, Ernest C., assignor to Signode Steel Strapping Company, Chicago, Ill. Transportation of pipe. 2,059,390; Nov. 3.
Paper Cap Manufacturing Company Limited, The. (See Robinson, Keith A., assignor.)
Paper Novelty Manufacturing Co. (See Pretzfelder, Millard, assignor.)
Paper Partitions, Inc. (See Vail, Dan R., assignor.)
Papst, Hugh W., assignor to Anaconda Wire & Cable Company, New York, N. Y. Channel conductor clamp. 2,059,899; Nov. 3.
Parker, Henry C. (See Thompson, Louis T. E., assignor.)
Parker, Humphrey F., New York, N. Y. Brake. 2,059,270; Nov. 3.
Parker, Humphrey F., New York, N. Y. Control system and apparatus. 2,059,271; Nov. 3.
Parker, J. Henry S., and W. N. Schuler, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Film pack. 2,059,900; Nov. 3.
Parrish, Benjamin E., Dallas, Tex. Well packer. 2,059,901; Nov. 3.
Parsons, Philip D., Swarthmore, assignor to Scott Paper Company, Chester, Pa. Machine for compressing and loading articles of flat form. 2,059,960; Nov. 3.
Parsons, Raymond V., assignor to Johns-Manville Corporation, New York, N. Y. Replaceable unit ceiling construction. 2,059,483; Nov. 3.
Partitions, Inc. (See Driver, Arthur S., assignor.)
Paulson, Nils I., assignor to Halsam Products Company, Ill. Toy building construction. 2,059,598; Nov. 3.
Paulus, William, assignor to Trico Products Corporation, Buffalo, N. Y. Wiper blade. 2,059,484; Nov. 3.
Payne, Clarence A. and F. L., Englewood, Colo. Cubing machine. 2,059,486; Nov. 3.
Payne, Frank L. (See Payne, Clarence A. and F. L., assignors.)
Payne, William H., and F. R. Proper, Kansas City, Mo. Ice cream machine. 2,059,485; Nov. 3.
Peddle, Fred. W. C. Bentley, and S. N. Israel, Newark, N. J. Tooth paste dispensing device. 2,059,391; Nov. 3.
Peik, Paul G., Chicago, Ill., assignor to The Halsey W. Taylor Company, Warren, Ohio. Muffler. 2,059,487; Nov. 3.
Perkins, Melvin A., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Co., Wilmington, Del. Bz2-halogenbenzanthrones. 2,059,646; Nov. 3.
Perkins, Melvin A., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the benzanthrone series. 2,059,647; Nov. 3.
Persch, Wilhelm, Berlin, Germany, assignor to General Electric Company. Electrode mounting. 2,059,902; Nov. 3.
Pesakof, Nathan. (See Abrams, I., and Pesakof.)
Peter, Charles, Salt Lake City, Utah. Soil conditioner. 2,059,599; Nov. 3.
Peter, Charles, Salt Lake City, Utah. Soil conditioner. 2,059,600; Nov. 3.
Petersime, Ray M., Gettysburg, Ohio. Hatching compartment for an incubator. 2,059,533; Nov. 3.
Peterson, Harold O., and R. W. George, Riverhead, N. Y., assignors to Radio Corporation of America. Ultrashort wave receiving system. 2,059,601; Nov. 3.
Petitcolas, Pierre, Rouen, assignor to Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements Kuhlmann, Paris, France. Water insoluble azo dyestuffs and their production. 2,059,903; Nov. 3.
Petri, Perfecto, New Kensington, Pa. Combination meter and switch box protector. 2,059,742; Nov. 3.
Petri, Perfecto, New Kensington, Pa. Electrical meter system. 2,059,743; Nov. 3.
Petroleum Heat and Power Company. (See Bulger, William A., assignor.)
Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Impulse bucket. 2,059,648; Nov. 3.
Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Pressure regulator. 2,059,649; Nov. 3.
Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hydraulic turbine. 2,059,650; Nov. 3.
Pfau, Arnold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Prime mover control system. 2,059,651; Nov. 3.
Pfaum, William J., West View, Pa. Toy gasoline pump. 2,059,602; Nov. 3.
Pfaum, William J., West View, Pa. Toy telephone. 2,059,603; Nov. 3.
Phelan, Louis A. M., Chicago, Ill., and L. E. Koch, Beloit, Wis.; said Koch assignor to said Phelan. Confection freezer. 2,059,604; Nov. 3.
Philco Radio and Television Corporation. (See Bobb, Lloyd J., assignor.)
Philmlee, Stephen A. (See Smith, Alton P., assignor.)
Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Oven thermometer. 2,059,272; Nov. 3.
Piggott, Henry A., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Chemical compounds derivable from urea and ethylene oxide, and useful as textile assistants. 2,059,273; Nov. 3.
Pilliod, Thomas J., and F. C. Müller, Swanton, Ohio, assignor to De Haven Razor Corporation. Self-sharpening safety razor. 2,059,744; Nov. 3.
Pine Kindler Corporation. (See Chaney, Franklin V., assignor.)
Piser, Theodore H., Newton, Mass. Hot water heater. 2,059,274; Nov. 3.
Pitman, Henry L., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,059,275; Nov. 3.
Pittsburgh Equitable Meter Company. (See Dresback, David D., assignor.)
Pittsburgh Reflector Company. (See Hoeveler, John A., assignor.)
Placco, Oscar F., Cranston, R. I., assignor to Cohn & Rosenberger, Inc., New York, N. Y. Brooch construction. 2,059,276; Nov. 3.
Platt, John A., Akron, and F. N. Sneyd, Stow, Ohio. Door operating device. 2,059,904; Nov. 3.
Plykrome Corporation, The. (See Johnson, Wallace C., assignor.)
Polacsek, Maurice, Brooklyn, N. Y. Book match bar. 2,059,392; Nov. 3.
Polydoroff, Wladmir J., assignor to Johnson Laboratories, Inc., Chicago, Ill. Magnetic core for high frequency inductances. 2,059,393; Nov. 3.
Pott, Friedrich, Thuringia, assignor to Mercedes Büromaschinen-Werke Aktiengesellschaft, Benshausen, Thuringia, Germany. Key canceling arrangement for calculating machines. 2,059,652; Nov. 3.
Powell, Raymond E., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Welding device. 2,059,605; Nov. 3.
Powers, Raymond, Syracuse, assignor to The Borden Company, New York, N. Y. Making improved bread product. 2,059,905; Nov. 3.
Pracht, Rudolf, assignor to the firm Hermann Tschentschel, Maschinenfabrik, Breslau, Germany. Apparatus for shaping double collars. 2,059,606; Nov. 3.
Prat-Daniel Corporation. (See Watson, John E., assignor.)
Pratt, Best, and G. F. Weinreich, assignors to Brake Equipment & Supply Company, Chicago, Ill. Gas range structure. 2,059,534; Nov. 3.
Prestwich, John V., Tottenham, London, England. Bale tie and band and fastening the same. 2,059,906; Nov. 3.
Pretzfelder, Millard, St. Albans, assignor to Paper Novelty Manufacturing Co., New York, N. Y. Christmas tree ornament. 2,059,653; Nov. 3.
Price, Charles W., Hollywood, Calif., assignor of one-half to Charles E. Scribner, New York, N. Y. Collar holder. 2,059,998; Nov. 3.
Prikel, Gottfried, Bucharest, Rumania. Electrical contact device. 2,059,488; Nov. 3.
Pritchard, William S. (See Filson, G. W., and Walton, assignors.)
Proper, Francis R. (See Payne, W. H., and Proper, assignors.)
Psenka, R. Jaromir, et al. (See Straka, Anton, assignor.)
Pullar, Harold B., Chicago, Ill., and J. W. Smith, Waterloo, Ark. Apparatus for mixing aggregate and binder upon a road. 2,059,607; Nov. 3.
Pullen, Fred W., assignor to Bissell Carpet Sweeper Company, Grand Rapids, Mich. Carpet sweeper brush drive and control mechanism. 2,059,907; Nov. 3.
Quaker Oats Company, The. (See Brownlee, Harold J., assignor.)
Quigley, Raymund J., Ann Arbor, Mich. Axle gauge. 2,059,654; Nov. 3.
Rabe, Karl, Stuttgart, Germany. Springing arrangement for vehicles. 2,059,908; Nov. 3.
Radio Corporation of America. (See Carson, Benjamin R., assignor.)
Radio Corporation of America. (See Drake, Frederick H., assignor.)
Radio Corporation of America. (See Ewen, Harry A., assignor.)
Radio Corporation of America. (See Hansell, Clarence W., assignor.)
Radio Corporation of America. (See Peterson, H. O., and George, assignors.)
Radio Corporation of America. (See Rosenblum, George M., assignor.)
Radio Corporation of America. (See Wilson, W. P., and Murphy, assignors.)
Radio Corporation of America. (See Yolles, Jacob, assignor.)
Rainville, Walter S., Sr., Gretna, La. Sampler. 2,059,999; Nov. 3.
Ralph, Clarence E., Mansfield, Mass. Domestic water supply apparatus. 2,059,909; Nov. 3.
Ramapo Ajax Corporation. (See Heidenthal, Warren C., assignor.)
Ramsey Accessories Manufacturing Corporation. (See Marien, Charles A., and M. W., assignors.)
Rand, James H., Jr., Buffalo, and W. W. Lasker, Brooklyn, assignors to Remington Rand Inc., Buffalo, N. Y. Tabulating machine. 2,059,277; Nov. 3.

Randolph, Alan F. Montclair, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic composition. 2,059,394; Nov. 3.
Ravenscroft, Edward A., Glencoe, assignor to Abbott Laboratories, (North) Chicago, Ill. Bottle finish. 2,059,910; Nov. 3.
Raybestos-Manhattan, Inc. (See Glick, John A., assignor.)
Rebora, Stephen F., Chicago, Ill. Toaster. 2,059,911; Nov. 3.
Reece Folding Machine Company. (See Curley, Michael J., assignor.)
Reece Folding Machine Company. (See Gilbert, Alfred G., assignor.)
Reed, Clair S., assignor to Reynolds Spring Company, Jackson, Mich. Upholstering device for cushions. 2,059,655; Nov. 3.
Reeves Manufacturing Company, The. (See Hunker, Martin L., assignor.)
Reid, Donald, Buffalo, N. Y. Closable container. 2,059,395; Nov. 3.
Reid, Marvin J., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Refining of crude triphenyl-phosphate. 2,059,912; Nov. 3.
Reis, Curt F., Beloit, Wis., assignor to Fairbanks, Morse & Company, Chicago, Ill. Magneto-electric machine. 2,059,745; Nov. 3.
Reisig, Antoinette, Fords, N. J. Glass building unit. 2,059,489; Nov. 3.
Reisig, Antoinette, Fords, N. J. Building unit. 2,059,490; Nov. 3.
Remington Rand Inc. (See Dreher, Elmer H., assignor.)
Remington Rand Inc. (See Jung, Norbert A., assignor.)
Remington Rand Inc. (See Lasker, William W., assignor.)
Remington Rand Inc. (See Myers, Edward R., assignor.)
Remington Rand Inc. (See Rand, J. H., Jr., and Lasker, assignors.)
Resinox Corporation. (See Irey, K. M., and Swallen, assignors.)
Reynolds Metals Company. (See Sunderhauf, Frederick A., assignor.)
Reynolds Spring Company. (See Reed, Clair S., assignor.)
Richardson, Leo L., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Feeding mechanism for rock drills. 2,059,491; Nov. 3.
Richley, Elmer J., Cleveland, Ohio. Capillarimeter. 2,059,961; Nov. 3.
Richter, Max, West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Lace mechanism for straight knitting machines. 2,059,806; Nov. 3.
Rieber, Frank, Inc. (See Metcalf, Herbert E., assignor.)
Ring, Joseph J., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Butterfly valve. 2,059,656; Nov. 3.
Ringer, Ferdinand, Vienna, Austria, assignor to Svenska Tändsticks Aktiebolaget, Jonkoping, Sweden. Cigar lighter. 2,059,807; Nov. 3.
Ripert, Jean, assignor to Thibaud, Gibbs & Cie, Paris, France. Dentifrice product. 2,059,396; Nov. 3.
Rittershausen, Fritz, Essen, assignor to Fried Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Homogeneous armor plate. 2,059,746; Nov. 3.
Rivet-Grip Steel Co., The. (See Tashjian, Armen H., assignor.)
Robart, Braxton L., and E. P. Buell, Jackson, Mich., assignors to The Robuell Company. Fluid pressure regulator. 2,059,808; Nov. 3.
Roberts, Allan E., St. Louis, Mo. Vehicle brake. 2,059,913; Nov. 3.
Roberts, Edward F., Rye, assignor to United States Rubber Products, Inc., New York, N. Y. Elastic multiply material and elastic shoe embodying the same. 2,059,747; Nov. 3.
Robillard, Robert E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,059,970; Nov. 3.
Robinson, Hugh A., Sr., assignor to Curtiss Aerocar Company, Inc., Coral Gables, Fla. Convertible chair. 2,059,397; Nov. 3.
Robinson, Keith A., Maidenhead, assignor to The Paper Cap Manufacturing Company Limited, Hamworth, England. Closure for bottles, jars, and like containers. 2,059,707; Nov. 3.
Robinson, Walter S., La Porte, Ind., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Making sponge rubber articles. 2,059,278; Nov. 3.
Robuell Company, The. (See Robart, B. L., and Buell, assignors.)
Rochester, William A., Merrick, N. Y. Powder dispensing can. 2,059,608; Nov. 3.
Rockwood, Ralph P., et al. (See Backer, F. E., and Moles, assignors.)
Roder, Oskar, Langelsheim, and H. Siegens, Goslar, Germany, assignors to American Lurgi Corporation, New York, N. Y. Production of lithium salts and metallic lithium. 2,059,750; Nov. 3.
Roemer, James L., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Counting apparatus. 2,059,398; Nov. 3.
Roosenstein, Hans O. (See Klotz, E., and Roosenstein.)
Roscoe, Merrill W. (See Crumb, C. F., and Roscoe.)
Rose, William H., Jersey City, N. J. Wetting device. 2,059,748; Nov. 3.
Rosenberg, George S., assignor of one-half to H. D. Kane, Minneapolis, Minn. Tooth brush. 2,059,914; Nov. 3.
Rosenblum, George M., Brooklyn, assignor to Radio Corporation of America, New York, N. Y. Control for radio apparatus. 2,059,279; Nov. 3.
Rosewood, Alfred, San Francisco, Calif. Flush valve for toilet tanks. 2,059,749; Nov. 3.
Rosner, Henry I., Brooklyn, assignor to Joe Lowe Corporation, New York, N. Y. Sterilizing and drying eggs. 2,059,399; Nov. 3.
Rossiter, Edmund C., and A. Brookes, Strand, London, England, assignors, by mesne assignments, to American Cyanamid Company. Molding material. 2,059,609; Nov. 3.
Roth, Harris C., assignor to The Lubrication Corporation, South Bend, Ind. Motor for lubricating pumps. 2,059,708; Nov. 3.
Roth, Sydney. (See Lombardo, Joseph, assignor.)
Rothe, Horst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Indirectly heated cathode. 2,059,809; Nov. 3.
Rothe, Horst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Discharge tube. 2,059,810; Nov. 3.
Rouffaer, Jan, Oakland, Calif. Fuselage. 2,059,492; Nov. 3.
Ruben, Samuel, New York, N. Y., assignor to Vega Manufacturing Corporation, Wilmington, Del. Insulated electrical conductors. 2,059,280; Nov. 3.
Ruch, John E., Barberton, Ohio. Cleaning metal and material therefor. 2,059,915; Nov. 3.
Rueger, Herman W., Brooklyn, assignor to J. L. Clark Manufacturing Co., Rockford, Ill. Reel for adhesive tape and the like. 2,059,709; Nov. 3.
Ruggles, Charles E., et al. (See Havens, Charles M., assignor.)
Ruggles, Iva, et al. (See Havens, Charles M., assignor.)
Ruggles-Klingemann Mfg. Co. (See Kimball, James L., assignor.)
Rumford Chemical Works. (See Fiske, A. H., and Bryan, assignors.)
Rupple, Harry W., Shaker Heights, assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio. Automatic metalworking machine. 2,059,710; Nov. 3.
Rupple, Harry W., Shaker Heights, assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio. Automatic metalworking machine. 2,059,711; Nov. 3.
Russell, Robert H., Cleveland, Ohio, assignor to Gas Fuel Corporation, New York, N. Y. Compound including hydrocarbon. 2,059,535; Nov. 3.
Russell, Robert H., Cleveland, Ohio, assignor to Gas Fuel Corporation, New York, N. Y. Producing gas from emulsified mixtures. 2,059,536; Nov. 3.
Russell, William A., Chesterfield County, Va. Poultry nest. 2,059,400; Nov. 3.
Ryan, Alexander B., Kilgore, Tex. Belt clamp filler. 2,059,401; Nov. 3.
Saar, Franz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Polarity reverser. 2,059,283; Nov. 3.
Sager, Andrew J., Winchester, Va. Carburetor. 2,059,657; Nov. 3.
Saks, Ira. (See Spase, Charles B., assignor.)
Salzberger, Andreas, and R. Baumgarten, assignors to Europa Schreibmaschinen A. G., Erfurt, Germany. Power-driven typewriting machine. 2,059,537; Nov. 3.
Samson-United Corporation. (See Connolly, W. B., and Samuels, assignors.)
Samuels, Abe O. (See Connolly, W. B., and Samuels.)
Sandine, Gunnard, Gary, Ind. Firearm. 2,059,658; Nov. 3.
Santarsiero, Antonio V., New York, N. Y. Aircraft. 2,059,610; Nov. 3.
Santiago, James J., assignor to J. Grant, Los Angeles, Calif. Well cleaning device. 2,059,611; Nov. 3.
Sauer, Arthur, Swingenberg-Heesen, assignor to Fissan Export Company Julius Bloch & Sohn, Frankfort-on-the-Main, Germany. Composition of matter for use as a vehicle for other substances, and producing the same. 2,059,811; Nov. 3.
Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Fluid-distributing and bleeder-valve combination for hydraulic brakes. 2,059,281; Nov. 3.
Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Hydraulic braking wheel spider. 2,059,282; Nov. 3.
Scaglione, Rosario, Girard, Ohio. Grafting or welding. 2,059,812; Nov. 3.
Schade, James W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber manufacture. 2,059,284; Nov. 3.
Scheibel, Kurt G., Dresden-Strehlen, assignor to Würker G. m. b. H., Dresden, A. Germany. Driving device for textile machines. 2,059,659; Nov. 3.
Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Control device. 2,059,712; Nov. 3.
Schellenger, Newton C., Elkhart, Ind., assignor to Chicago Telephone Supply Company. Rheostat mounting. 2,059,813; Nov. 3.
Schellens, Christopher A., Marblehead, Mass. Gearing. 2,059,612; Nov. 3.

Schellens, Christopher A., Marblehead, Mass. Gear cutting machine. 2,059,613; Nov. 3.
Schellmann, Max. (See Beller, H., and Schellmann.)
Schlacks, Henry J., Chicago, Ill. Picture projection screen and supporting frame. 2,059,402; Nov. 3.
Schlottmann, Willie G., Comfort, Tex. Egg tray supporting and tilting device. 2,059,751; Nov. 3.
Schmidt'sche Heissdampf-Gesellschaft m. b. H. (See Hartmann, Otto, assignor.)
Schneider, Ernst, and K. Blum, Uerdingen-on-the-Rhine, assignors to Büttner-Werke Aktiengesellschaft, Uerdingen, Germany. Sifting device. 2,059,814; Nov. 3.
Schneider, Heinrich, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Engine piston. 2,059,713; Nov. 3.
Schoenhoff, Anthony M., Minneapolis, Minn. Back rest. 2,059,493; Nov. 3.
Schooler, Nathan, Beechhurst, N. Y. Shower construction. 2,059,614; Nov. 3.
Schrauth, Walther, Berlin-Dahlem, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G. Zurich, Switzerland. Oil lacquer. 2,059,815; Nov. 3.
Scribner, Charles E. (See Price, Charles W., assignor.)
Schroer, Henry G. (See Bell, Hayes H., assignor.)
Schuler, William N. (See Parker, J. H. S., and Schuler.)
Schuster, Erving A., Freeland, assignor to Freeland Spool and Bobbin Corporation, Hazleton, Pa. Spool. 2,059,752; Nov. 3.
Schwarzhaupt, Paul J., Scotia, N. Y., assignor to General Electric Company. Variable capacitor. 2,059,816; Nov. 3.
Scott, Ashton T., Bryn Mawr, assignor to The Sharples Specialty Company, Philadelphia, Pa. Extraction and purification of sugar juices. 2,059,971; Nov. 3.
Scott, Henry T., assignor to The American Paper Bottle Company, Toledo, Ohio. Automatic paper bottle machine. 2,059,403; Nov. 3.
Scott, James Y., and B. F. Stowell, assignors to Van Norman Machine Tool Company, Springfield, Mass. Universal index head. 2,059,753; Nov. 3.
Scott Paper Company. (See Parsons, Philip D., assignor.)
Seem, Warren P. (See Boadwee, R. K., and Seem.)
Sefco, Inc. (See Flynt, Louis W. G., assignor.)
Seibold, Paul F. (See Widman, C. H., Lindell, and Seibold.)
Sengebusch, Hans, Villa Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Hand telephone. 2,059,714; Nov. 3.
Servel, Inc. (See Bäckström, Siegurd M., assignor.)
Servel, Inc. (See Kögel, Wilhelm, assignor.)
Servel, Inc. (See Kogel, W. G., and Widell, assignors.)
Servel, Inc. (See Köhler, Peter, assignor.)
Sexton, J. R., Incorporated. (See Sexton, J. R., and Vivari, assignors.)
Sexton, John R., and J. A. Vivari, assignors to J. R. Sexton Incorporated, Meriden, Conn. Ornamental ribbon. 2,059,285; Nov. 3.
Shaler, William T., Silver Creek, N. Y. Vibrator. 2,059,754; Nov. 3.
Sharples Specialty Company, The. (See Scott, Ashton T., assignor.)
Sheets, Barton R., assignor to Garnder-Denver Company, Denver, Colo. Ore loading machine. 2,059,660; Nov. 3.
Sheppard, Samuel E., and R. C. Houck, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Hardening photographic gelatin emulsions and solutions. 2,059,817; Nov. 3.
Shiras, Russell N., Compton, Calif. Rectification. 2,059,494; Nov. 3.
Shoe Form Co. (See De Witt, William J., assignor.)
Shortlidge, Wentworth H., Bellevue, Pa. Ventilator unit. 2,059,616; Nov. 3.
Shott, Christian M., Monarch, assignor to Kleenburn Stoker Corporation, Kleenburn, Wyo. Rotary grate. 2,059,661; Nov. 3.
Siegens, Hans. (See Roder, O., and Siegens.)
Signode Steel Strapping Company. (See Pagel, Ernest C., assignor.)
Simon, Louis, New York, N. Y. Scientific snow removal and self loading truck. 2,059,818; Nov. 3.
Sinclair Refining Company. (See Barth, E. J., and Corlew, assignors.)
Sinclair Refining Company. (See Johnson, William W., assignor.)
Skedgell, David E., assignor to The Millville Manufacturing Company, Millville, N. J. Apparatus for making reenforced binding material. 2,059,404; Nov. 3.
Skoog, Carl F., South Bend, Ind. Bicycle steering member. 2,059,669; Nov. 3.
Sloan, Elgan S., Shippenville, Pa. Hydrostatic sand pump. 2,059,538; Nov. 3.
Slye, Edward A. (See Harvell, J. P., and Slye.)
Small, Arthur E., Gary, Ind., assignor to Union Metal Products Company, Chicago, Ill. Railway car construction. 2,059,405; Nov. 3.
Smeykal, Karl, Leuna, assignor to I. G. Farbenindustrie Aktiengesellschaft. Frankfort-on-the-Main, Germany. Catalytic purification of oxygen-containing hydrogenation products of oxides of carbon 2,059,495; Nov. 3.
Smith, Alton P., assignor of one-third to S. A. Philmlee, Wichita, Kans. Mop holder. 2,059,662; Nov. 2.
Smith, Donald L., Dunellen, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Tracing device, more especially for cutting machines. 2,059,755; Nov. 3.
Smith, George A., Philadelphia, Pa. Fastenings and making the same. 2,059,406; Nov. 3.
Smith, Henry E., Shawneetown, Ill. Fireplace heater. 2,059,539; Nov. 3.
Smith, J. Hugo, Detroit, Mich. Tool and tool holder. 2,059,496; Nov. 3.
Smith, James W. (See Pullar, Harold B., assignor.)
Smith, Jesse, A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,059,615; Nov. 3.
Smith, Joseph B., Salt Lake City, Utah. Brooder. 2,059,819; Nov. 3.
Smith, Robert F., Manheim, Pa. Water and temperature regulator for motors. 2,059,910; Nov. 3.
Smith, Roy D., Davenport, Iowa, and F. J. Fransen, Rock Island, Ill., assignors to Bee Line Manufacturing Company, Davenport, Iowa. Motor vehicle frame adjusting means. 2,059,972; Nov. 3.
Smith, Roy D., assignor to Bee Line Manufacturing Company, Davenport, Iowa. Automatic wheel aligner. 2,059,973; Nov. 3.
Smith, Roy D., assignor to Bee Line Manufacturing Company, Davenport, Iowa. Automatic wheel aligner. 2,059,974; Nov. 3.
Smith, Roy D., assignor to Bee Line Manufacturing Company, Davenport, Iowa. Automatic wheel aligner. 2,059,975; Nov. 3.
Sneyd, Frank N. (See Platt, J. A., and Sneyd.)
Society L'Aerotopographie. (See Ferber, Robert, assignor.)
Sonoco Products Company. (See Blanchet, Adlas E., assignor.)
Sörensen, Thora B. I., Copenhagen, Denmark. Folding collar. 2,059,663; Nov. 3.
Spain, Rowland W., assignor of one-half to Henry J. Tully & Company, New York, N. Y. Girdle and shorts. 2,059,820; Nov. 3.
Spase, Charles B., Syracuse, N. Y., assignor to I. Saks, Cleveland, Ohio. Clutch testing device. 2,059,407; Nov. 3.
Spear, Leolyn F. (See Logan, J. A., and Spear, assignors.)
Spencer, Philip L., assignor to Watson-Williams Manufacturing Company, Millbury, Mass. Self-threading shuttle eye. 2,059,756; Nov. 3.
Spencer, Vernon, Randwick, near Sidney, New South Wales, Australia. Tennis racquet. 2,059,917; Nov. 3.
Sperry Gyroscope Company. (See Carter, Leslie F., assignor.)
Spitalny, Fred, Elizabeth, N. J. Vanity case construction. 2,059,821; Nov. 3.
Sprecker, Alfred L., Freeport, assignor to International Business Machines Corporation, New York, N. Y. Protection system. 2,059,757; Nov. 3.
Stacey, Alfred E., Jr., Essex Fells, C. M. Ashley, South Orange, and H. R. Arf, Elizabeth, assignors, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J. Air conditioning rail road cars. 2,059,715; Nov. 3.
Standard Brands Incorporated. (See Bennett, William G., assignor.)
Standard Car Truck Company. (See Webb, Edwin W., assignor.)
Standard Oil Company. (See Abderson, John A., assignor.)
Standard Oil Company. (See Arveson, Maurice H., assignor.)
Standard Oil Company. (See Eastman, E. C., and Barnard, assignors.)
Standard Stoker Company, The. (See Moeller, Otto, assignor.)
Stanley Works, The. (See Davis, Willis G., assignor.)
Starrgardter, Albert R., assignor to Gillette Safety Razor Company, Boston, Mass. Apparatus for treating metal. 2,059,976; Nov. 3.
Stark, Willet E., East Cleveland, assignor to The Bryant Heater Company, Cleveland, Ohio. Humidifier. 2,059,408; Nov. 3.
Statham, Noel, Irvington-on-Hudson, N. Y. Sewage disposal. 2,059,286; Nov. 3.
Stearns, Frank B., Shaker Heights, Ohio. Fuel pump for internal combustion engines. 2,059,758; Nov. 3.
Stearns, Frank B., Shaker Heights, Ohio. Liquid fuel pressure regulator. 2,059,759; Nov. 3.
Stearns Magnetic Manufacturing Company. (See Kiekhaefer, Elmer C., assignor.)
Steel Wheel Corporation, The. (See Kliesrath, Victor W., assignor.)
Steenstrup, Chirstian, Schenectady, N. Y., assignor to General Electric Company. Making fabricated piston and crosshead assemblies. 2,059,822; Nov. 3.
Steenweg, William F., assignor to Allen-Bradley Company, Milwuakee, Wis. Electric switch. 2,059,670; Nov. 3.
Steenweg, William F., assignor to Allen-Bradley Company, Milwaukee, Wis. Cabinet for electrical control devices and making the same. 2,059,671; Nov. 3.
Stein, Berthold. (See Nawlasky, P., Stein, and Zell, assignors.)

Stephan, Jack F., Los Angeles, Calif. Oil well jar. 2,059,540; Nov. 3.
Stevens, Fred, assignor to American Cast Iron Pipe Company, Birmingham, Ala. Sealing composition. 2,059,409; Nov. 3.
Storch, Samuel, Brooklyn, N. Y. Hair brush. 2,059,617; Nov. 3.
Storm, James A., St. Louis, Mo. Dental floss holder. 2,059,287; Nov. 3.
Stowell, Byron F. (See Scott, J. Y., and Stowell, assignors.)
Straka, Anton, assignor of twenty per cent to R. Jaromir Pesenka and twenty-five per cent to F. De Giorgi, Chicago, Ill. Target. 2,059,918; Nov. 3.
Strasser, Friedrich, Basel, Switzerland. Aluminium solder. 2,059,497; Nov. 3.
Stratton, Albert C., assignor to A. S. Marlow, Ridgewood, N. J. Self-priming impeller pump. 2,059,288; Nov. 3.
Straub, Joseph C. A., and H. S. Manwaring, Fort Wayne, Ind., assignors to International Harvester Company, Vacuum control device for engines. 2,059,410; Nov. 3.
Stubblefield, Buford M., Poland, and L. R. Thomas and E. S. Harrar, Youngstown, assignors to The Youngstown Sheet & Tube Company, Youngstown, Ohio. Automatic valve control. 2,059,411; Nov. 3.
Stubnitz-Greene Spring Corporation. (See Stubnitz, Maurice, assignor.)
Stubnitz, Maurice, assignor to Stubnitz-Greene Spring Corporation, Adrian, Mich. Trim assembly. 2,059,498; Nov. 3.
Suess, Herbert M. (See Waechtler, K. O., and Suess.)
Sunderhauf, Frederick A., Rutherford, N. J., assignor to Reynolds Metals Company, New York, N. Y. Display stand. 2,059,823; Nov. 3.
Superheater Company, The. (See Wood, John E., assignor.)
Surface Combubstion Corporation. (See Hepburn, W. M., and Munford, assignors.)
Svenska Ackumulator Aktiebolaget Jungner. (See Gustafsson, Nils G. A., assignor.)
Svenska Tandsticks Aktiebolaget. (See Ringer, Ferdinand, assignor.)
Svensson, Anders, Swissvale, Pa. Combination drafting and computing rule. 2,059,289; Nov. 3.
Swain, Raymond A. (See Hennegan, P. M., and Swain, assignors.)
Swallen, Lloyd C. (See Irey, K. M., and Swallen.)
Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,059,290; Nov. 3.
Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,059,291; Nov. 3.
Swayne, Frank J., near Centralia, Wash., assignor to The De Long Hook and Eye Company. Lingerie tape holder. 2,059,618; Nov. 3.
Sweet, Andrew T., Houghton, and J. D. MacCarthy, assignors to General Manganese Corporation, Detroit, Mich. Obtaining manganese values from ores containing them. 2,059,499; Nov. 3.
Sweet, Cecil H. (See Erwin, W. C., and Sweet.)
Swift, George W., Jr. Inc. (See Swift, George W. Jr., assignor.)
Swift, George W., Jr., assignor to George W. Swift Jr. Inc., Bordentown, N. J. Cut-off machine. 2,059,412; Nov. 3.
Swinburne, James, East Orange, assignor to Carrier Engineering Corporation, Newark, N. J. Liquid level control device. 2,059,716; Nov. 3.
Sykes, Wilfred, Chicago, Ill., assignor, by mesne assignments, to Direct Current Welding Company. Electric welding of tubing. 2,059,824; Nov. 3.
Symington Company, The. (See Barrows, Donald S., assignor.)
Tachentschel, Hermann, Maschinenfarbik. (See Pracht, Rudolph, assignor.)
Talbott, James E., Dobbs Ferry, assignor to Anaconda Wire & Cable Company, New York, N. Y. Stranded ribbon hanger. 2,059,825; Nov. 3.
Tartikoff, Morris, Brooklyn, N. Y. Attachment for washsuits. 2,059,826; Nov. 3.
Tashjian, Armen H., assignor to The Rivet-Grip Steel Co., Cleveland, Ohio. Fireproof metal-clad insulating plank. 2,059,664; Nov. 3.
Taylor, Halsey W., Company, The. (See Pelk, Paul G., assignor.)
Taylor, John J., Wadsworth, assignor to The Ohio Brass Company, Mansfield, Ohio. Cable clamp. 2,059,413; Nov. 3.
Taylor, William P., Colorado Springs, Colo. Crumbless bread knife. 2,059,414; Nov. 3.
Taylor, William T., Elkins Park, Pa., assignor to George D. Ellis and Sons, Incorporated. Art of working sheet metal. 2,059,292; Nov. 3.
Teague, Walter D., New York, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Camera construction. 2,059,827; Nov. 3.
Teahen, James M., Detroit, Mich. Flow regulating control valve for plumbing fixtures. 2,059,760; Nov. 3.
Technicolor Motion Picture Corporation. (See Whittaker, Lloyed E., assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hollmann, Hans E., assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Klotz, E., and Roosenstein, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Rothe, Horst, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Saar, Franz, assignor.)
Teletype Corporation. (See Krum, Howard L., assignor.)
Teubner, Edmund E., assignor to The Hollar Company, Philadelphia, Pa. Electric combination lock. 2,059,919; Nov. 3.
Textile Machine Works. (See Richter, Max., assignor.)
Textile Machine Works. (See Waechtler, K. O., and Suess, assignors.)
Thibaud, Gibbs & Cie. (See Ripert, Jean, assignor.)
Thom, James C., Chicago, Ill., assignor to United States Tobacco Company, New York, N. Y. Apparatus for and making pouch-like containers. 2,059,416; Nov. 3.
Thomas, Arthur, Wallington, England, assignor to The Accounting and Tabulating Corporation of Great Britain Limited. Sensing Pin box for record card controlled statistical machines. 2,059,293; Nov. 3.
Thomas, Edward A., Massillon, and E. M. Cadwallader, assignors to Thomas Mineral Cutting Machine Co., Inc., Cleveland, Ohio. Mining apparatus. 2,059,415; Nov. 3.
Thomas, Frederick, Philadelphia, Pa. Constant level apparatus. 2,059,417; Nov. 3.
Thomas, Lloyd R. (See Stubblefield, B. M., Thomas, and Harrar.)
Thomas Mineral Cutting Machine Co. (See Thomas, E. A., and Cadwallader, assignors.)
Thomas, Perry M., Elgin, Ill. Physiotherapeutic device. 2,059,500; Nov. 3.
Thompson, Alex, assignor of one-half to W. D. Jones, Amarillo, Tex. Combined shade and curtain hanger. 2,059,665; Nov. 3.
Thompson, Donald R., Ontario, and G. H. Joseph, Corona, assignors to California Fruit Growers Exchange, Los Angeles, Calif. Jelly preparations and preparing jellies. 2,059,541; Nov. 3.
Thompson, Frederick F., Lawton, Okla. Barbecue machine. 2,059,666; Nov. 3.
Thompson, Louis T. E., Dahlgren, Va., assignor of one-third to Henry C. Parker, Washington, D. C. Toy bombing plane. 2,059,418; Nov. 3.
Thorndike, Herbert A., Orlando, Fla., assignor to General Engineering Co., Inc., Fitchburg, Mass. Sandblast nozzle. 2,059,294; Nov. 3.
Thorsson, Matthew T., East Williston Park, Long Island, assignor to International Business Machines Corporation, New York, N. Y. Testing machine. 2,059,761; Nov. 3.
Timken-Michigan Company. (See Clark, Elson S., assignor.)
Townsend, Frank C. Topsham, Maine. Antiglare device for vehicle lamps. 2,059,762; Nov. 3.
Traill, David, Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Treatment of benzyl cellulose. 2,059,619; Nov. 3.
Trico Products Corporation. (See Dykstra, George, assignor.)
Trico Products Corporation. (See Horton, Erwin C., assignor.)
Trico Products Corporation. (See Hueber, H., and Horton, assignors.
Trico Products Corporation. (See Oishei, J. R. and Chellew, assignors.)
Trico Products Corporation. (See Paulus, William, assignor.)
Trimbach, Clem G., Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Flexible adapter for machine guns. 2,059,717; Nov. 3.
Tucker, David J., Baltimore, Md. Drapes, portières, curtains, or the like. 2,059,672; Nov. 3.
Tuft, Miles H., Rock Island, assignor to Deere & Company, Moline, Ill. Wheeled vehicle. 2,059,419; Nov. 3.
Tully, Henry J., & Company. (See Spain, Rowland W., assignor.)
Underwood Elliott Fisher Company. (See Pitman, Henry L., assignor.)
Underwood Elliott Fisher Company. (See Smith, Jesse A. B., assignor.)
"Unichem" Chemikalien Handels A.-G. (See Schrauth, Walther, assignor.)
Union Carbide and Carbon Research Laboratories, Inc. (See Corson, Michael G., assignor.)
Union Metal Products Company. (See Small, Arthur E., assignor.)
Union Switch & Signal Company, The. (See Martin, Paul N., assignor.)
Unipress Company, The. (See Wilhelm, Fred C., assignor.)
United Engineering & Foundry Company. (See McBane, Walter W., assignor.)
United Merchants & Manufacturers, Inc. (See Jewett, William Van D., assignor.)
United Research Corporation. (See Haas, Paul, assignor.)
United Shoe Machinery Corporation. (See Bazzoni, Lewis J., assignor.)
United Shoe Machinery Corporation. (See Engel, Karl, assignor.)
United Shoe Machinery Corporation. (See Fausse, Joseph, assignor.)
United Shoe Machinery Corporation. (See Freeman, George W., assignor.)

United Shoe Machinery Corporation. (See Goldbourn, J., and Kestell, assignors.)
United Shoe Machinery Corporation. (See Hardenbrook, Charles E., Jr., assignor.)
United Shoe Machinery Corporation. (See Jorgensen, Jacob C., assignor.)
United Shoe Machinery Corporation. (See Murphy, Everett E., assignor.)
United States Rubber Products, Inc. (See Roberts, Edward F., assignor.)
United States Tobacco Company. (See Thom, James C., assignor.)
Universal Hydraulic Corporation. (See Kinzie, Phillip A., assignor.)
Universal Oil Products Company. (See Dubbs, Carbon P., assignor.)
Universal Oil Products Company. (See Swartwood, Kenneth, assignor.)
Unlandherm, John H. (See Caccia, Walter, assignor.)
Urbanowitz, Stanley B. (See Cowan, H. G., Lake, and Urbanowitz.)
Usona Manufacturing Co., The. (See Williams, Robert G., assignor.)
Vail, Dan R., Evanston, assignor to Paper Partitions, Inc., Chicago, Ill. Punch press for cell case machines. 2,059,501; Nov. 3.
Van Lantschoot, August A., assignor to Iowa Malleable Iron Company, Fairfield, Iowa. Earth anchor construction. 2,059,502; Nov. 3.
Van Norman Machine Tool Company. (See Scott, J. Y., and Stowell, assignors.)
Veeder-Root, Incorporated. (See Harvell, J. P., and Slye, assignors.)
Vega Manufacturing Corporation. (See Ruben, Samuel, assignor.)
Verley, Albert, Inc. (See Verley, Guy, assignor.)
Verley, Guy, assignor to A. Verley, Inc., Chicago, Ill. Fruit beverage and preparing the same. 2,059,828; Nov. 3.
Villiger, Josef. (See Zoller, E., and Villiger.)
Vivari, Joseph A. (See Sexton, J. R., and Vivari.)
Wadhams Oil Company. (See Miller, Charles E., assignor.)
Waecht.er, Kurt O., and H. M. Suess, Philadelphia, assignors to Textile Machine Works, Wyomissing, Pa. Shock absorber for straight knitting machines. 2,059,667; Nov. 3.
Wagenhorst, James H., Detroit, Mich. Arc lamp. 2,059,668; Nov. 3.
Wagner Electric Corporation. (See Dick, Burns, assignor.)
Walt, Justin F., New York, N. Y. Treating oils. 2,059,542; Nov. 3.
Walt, Justin F., New York, N. Y. Apparatus for fusions. 2,059,543; Nov. 3.
Wakefield, C. C., & Company Limited. (See Evans, Elliott A., assignor.)
Walton, James H. (See Filson, G. W., and Walton, assignors.)
Ward, Erwin J., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Sensitive photographic element. 2,059,829; Nov. 3.
Ward, John C., Jr., Rome, N. Y., assignor, by mesne assignments, to Burton-Dixie Corporation. Furniture support. 2,059,420; Nov. 3.
Waring, Robert K., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Zinc sulphide. 2,059,421; Nov. 3.
Warner, Donald F., Lynn, Mass., assignor to General Electric Company. Variable speed dual drive. 2,059,830; Nov. 3.
Watson, John E., New Rochelle, assignor to Prat-Daniel Corporation, New York, N. Y. Separator. 2,059,673; Nov. 3.
Watson-Williams Manufacturing Company. (See Spencer, Philip L., assignor.)
Weatherhead, Albert J. Jr., assignor to The Weatherhead Company, Cleveland, Ohio. Compression fitting. 2,059,920; Nov. 3.
Weatherhead Company, The. (See Weatherhead, Albert J., Jr., assignor.)
Webb, Edwin W., assignor to Standard Car Truck Company, Chicago, Ill. Spring friction device. 2,059,503; Nov. 3.
Wehrle Company, The. (See Pickup, George E., assignor.)
Weinberg, Leon W., Philadelphia, Pa., assignor to Celanese Corporation of America. Mixed textile fabric. 2,059,422; Nov. 3.
Weinreich, George F. (See Pratt, B., and Weinreich.)
Weiss, Carl W., Brooklyn, N. Y. Transmission. 2,059,423; Nov. 3.
Weiss, Joseph, Hutchinson, Kans. Supporting bracket. 2,059,921; Nov. 3.
Wells, Wilton I., New Albany, Ind. Display case. 2,059,922; Nov. 3.
Wenzel, Rudolph G., San Francisco, Calif., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing reel. 2,059,763; Nov. 3.
Wesley, Arthur, assignor to Burton-Dixie Corporation, Chicago, Ill. Spring cushion. 2,059,424; Nov. 3.
Western Electric Company. (See Gibson, W. T., and Black, assignors.)
Western Electric Company. (See Powell, Raymond E., assignor.)
Whitaker, Karl, Broadland, S. Dak. Rebuilt plowshare. 2,059,923; Nov. 3.
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Filaments, films and the like and making the same. 2,059,425; Nov. 3.
Whitman, Stewart C., New York, N. Y. Apparatus and method for recording sound on film. 2,059,504; Nov. 3.
Whittaker, Lloyd E., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Combined closure and shutter drive. 2,059,426; Nov. 3.
Whitworth, James, Nutley, N. J., assignor to Motion Displays, Inc. Animated display device. 2,059,296; Nov. 3.
Widell, Nils E. (See Kogel, W. G., and Widell.)
Widman, Charles H., B. T. Lindell, and P. F. Seibold, Detroit, Mich., assignors to The Murray Corporation of America. Regulating temperature of contents of barrels. 2,059,297; Nov. 3.
Wildt and Company Limited. (See Leedham, Leslie H., assignor.)
Wilhelm, Fred C., assignor to The Unipress Company, Incorporated, Minneapolis, Minn. Pressing machine. 2,059,295; Nov. 3.
Wilhelm, Fresrich. (See Guhl, H., Dorl, and Gargel.)
Wilkinson, Lester F. (See Duncan, R., and Wilkinson.)
Willey, Edward A., assignor to Converse Rubber Company, Malden, Mass. Shoe press. 2,059,831; Nov. 3.
Williams, Alfred O., assignor to Clark Tructractor Company, Battle Creek, Mich. Signal means for rail cars. 2,059,718; Nov. 3.
Williams, Harry C., Louisville, Ky. Combined cabinet and table. 2,059,994; Nov. 3.
Williams, Robert G., assignor to The Usona Manufacturing Company, Toledo, Ohio. Portable lamp construction. 2,059,977; Nov. 3.
Willis, Clodius H., Princeton, N. J., and B. D. Bedford, Schenectady, N. Y., assignors to General Electric Company. Electric power converting apparatus. 2,059,832; Nov. 3.
Willys-Overland Company, The. (See Edwards, Henry J., assignor.)
Wilson, J. G., Corp., The. (See Winn, John F., Jr., assignor.)
Wilson, William P., and F. M. G. Murphy, Chelmsford, England, assignors to Radio Corporation of America. Radio telephone system. 2,059,719; Nov. 3.
Winn, John F., Jr., assignor to The J. G. Wilson Corp., Norfolk, Va. Automatic safety overhead door closer. 2,059,822; Nov. 3.
Wittel, Otto, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Apparatus for feeding motion picture film. 2,059,834; Nov. 3.
Woina, Benjamin A., Detroit, Mich. Ventilating system for vehicle bodies. 2,059,924; Nov. 3.
Wood, John E., London, England, assignor to The Superheater Company, New York, N. Y. Steam purification. 2,059,544; Nov. 3.
Wood, Norman, Market Drayton, and D. P. Lockett, Whitchurch, England. Draught, dust, and weather excluder for doors and windows. 2,059,674; Nov. 3.
Woodard, George H., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Pump. 2,059,675; Nov. 3.
World Bestos Corporation. (See Nanfeldt, William, assignor.)
Worthing, Archie G., Pittsburgh, and R. S. Euler, Sewickley, Pa. Destruction of living organisms. 2,059,835; Nov. 3.
Wright Aeronautical Corporation. (See Gagg, Rudolph F., assignor.)
Wright, Leigh W., Norwood, assignor to The Cincinnati Milling Machine Company, Cincinati, Ohio. Automatic pattern controlled reproducing machine. 2,059,505; Nov. 3.
Wunderlich, Wiliam E., assignor to The Moore Company, Muncie, Ind. Bed davenport. 2,059,978; Nov. 3.
Würker G. m. b. H. (See Scheibel, Kurt G., assignor.)
Wurster, Amsy L. (See Albright, Robert E., assignor.)
Wurtele, Allan R., New Roads, La. Internal combustion engine. 2,059,720; Nov. 3.
Yolles, Jacob, Brooklyn, N. Y., assignor to Radio Corporation of America. Short wave tuner. 2,059,299; Nov. 3.
Youngstown Sheet and Tube Company, The. (See Adams, James L., Jr., assignor.)
Youngstown Steel Door Company, The. (See Kwake, Joseph A., assignor.)
Youngstown Sheet & Tube Company, The. (See Stubblefield, B. M., Thomas, and Harrar, assignors.)
Zell, Robert. (See Nawiasky, P., Stein, and Zell, assignors.)
Zerillo, Frank, Brooklyn, N. Y. Pneumatic tire. 2,059,764; Nov. 3.
Ziehler, Bernard H., Dayton, Ohio. Seal for advertising matter. 2,059,427; Nov. 3.
Zoller, Egon, and J. Villiger, Zurich, Switzerland. Transmission and registration of signals. 2,059,298; Nov. 3.
Zwilgmeyer, Frithjof. (See Dahlen, M. A., and Zwilgmeyer.)

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 3D DAY OF NOVEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Control system. R. M. Hardgrove. 20,156; Nov. 3.
Fire alarm device. J. Grison. 20,158; Nov. 3.
Guard, Crossing. G. W. Goodman. 20,157; Nov. 3.
Handbag frame. E. Poeter. 20,160; Nov. 3.
Metal, Manufacture of expanded. H. K. Baker. 20,154; Nov. 3.
Microphone, Electro-dynamic. C. R. Hanna. 20,155; Nov. 3.
Propeller clamping and balancing ring. J. E. Larason. 20,159; Nov. 3.
Sewing machine. A. S. Riviere. 20,161; Nov. 3.
Signaling. E. F. W. Alexanderson. 20,153; Nov. 3.

LIST OF DESIGN INVENTIONS

Accordion or similar article. M. Soprani. 101,827; Nov. 3.
Atomizer. F. A. Vuillemenot. 101,804; Nov. 3.
Atomizer. F. A. Vuillemenot. 101,806–7; Nov. 3.
Automobile. T. R. Goldsborough. 101,772; Nov. 3.
Bed sack or similar article. F. Weinberg. 101,844; Nov. 3.
Bedstead. G. Krick. 101,780; Nov. 3.
Beveler and squarer for flat and curved plates. Combination. M. Annick. 101,760; Nov. 3.
Bowl or similar article. B. N. Kane. 101,777; Nov. 3.
Buckle. J. B. Freysinger. 101,769–70; Nov. 3.
Button, Traffic. J. W. Shaffer and R. T. Phillips. 101,797; Nov. 3.
Cabinet for amusement game apparatus. W. A. Tratsch. 101,801; Nov. 3.
Cabinet, Kitchen utensil. H. M. Robinson. 101,822; Nov. 3.
Cabinet, Radio. M. Weincord. 101,829; Nov. 3.
Case, Piano. P. Van Dommelen. 101,802; Nov. 3.
Casing, Vacuum cleaner. J. R. Morgan. 101,789; Nov. 3.
Chest or similar article. G. Krick. 101,781; Nov. 3.
Cleaner, Liquid. L. J. Kurtz. 101,784; Nov. 3.
Developing unit for X-ray photographs, Refrigerated. A. W. Buck. 101,765; Nov. 3.
Dress. M. Porpora. 101,790; Nov. 3.
Dress. D. Rosenthal. 101,793; Nov. 3.
Dress. J. Vella. 101,803; Nov. 3.
Dropper, Perfume. F. A. Vuillemenot. 101,805; Nov. 3.
Electron discharge device. T. M. Shrader. 101,825; Nov. 3.
Fabric, Textile. A. Hafner. 101,812–14; Nov. 3.
Fabric, Textile. G. H. Perkins. 101,820–1; Nov. 3.
Fabric, Textile. H. Weisman. 101,830; Nov. 3.
Flashlight head. E. H. Tompkins. 101,800; Nov. 3.
Folder and article display device, Combined. H. D. Miller. 101,819; Nov. 3.
Globe, Glass. T. W. Rolph. 101,823–4; Nov. 3.
Guide, Fender. G. F. Bahr. 101,831–4; Nov. 3.
Guide, Fender. J. H. Cohen. 101,835–9; Nov. 3.
Hammer, Pneumatic. E. J. Selden. 101,796; Nov. 3.
Handbag. J. Rasnick. 101,792; Nov. 3.
Heater, Circulating type. W. D. Teague. 101,828; Nov. 3.
Heater, Space. R. E. Kruck. 101,783; Nov. 3.
Holder, Cravat. C. Silverman. 101,798; Nov. 3.
Jar. E. W. Fuerst. 101,810; Nov. 3.
Knob for a gear shift lever or the like. J. Sinko. 101,826; Nov. 3.
Lace. E. Richard. 101,841; Nov. 3.
Lantern, Portable electric. C. A. Glock. 101,771; Nov. 3.
License tag trim member. J. F. Martin. 101,817; Nov. 3.
Light, Combination shrine and sickroom. P. Stinson. 101,799; Nov. 3.
Ornament, Artificial tree. D. S. Miltenberger. 101,788; Nov. 3.
Overall. O. E. Kratz. 101,779; Nov. 3.
Piano, Grand. C. Farny. 101,767; Nov. 3.
Piano or similar article. J. L. Krasnick. 101,778; Nov. 3.
Picture projector, Motion. H. A. De Vry. 101,766; Nov. 3.
Radio cabinet. M. Hanson. 101,775; Nov. 3.
Receptacle for liquids, Combined carbonating and dispensing. C. F. Lozon. 101,786; Nov. 3.
Reel. R. C. Kivley. 101,815; Nov. 3.
Robe. P. Schnittman. 101,795; Nov. 3.
Robe. P. Schnittman. 101,842–3; Nov. 3.
Saddle, Bicycle. F. Mesinger. 101,787; Nov. 3.
Seal or similar article, Gummed. M. J. Breen. 101,763; Nov. 3.
Shears for cutting sheet metal. F. H. Rauh. 101,791; Nov. 3.
Shirt. J. Melville. 101,818; Nov. 3.
Shoe. S. Fradkin. 101,768; Nov. 3.
Shroud, Automobile exhaust. L. A. Koch, Jr. 101,840; Nov. 3.
Skate, Roller. T. C. Wall. 101,808; Nov. 3.
Spoon or similar article. P. B. Ball. 101,761; Nov. 3.
Stick, Beverage. J. Liebschutz. 101,785; Nov. 3.
Strip or similar article, Butt edging. W. L. Bonnell. 101,762; Nov. 3.
Switch button, Electric. G. R. Graff. 101,811; Nov. 3.
Table. W. Hoffmann. 101,776; Nov. 3.
Telephone transmitter. R. N. Marshall. 101,816; Nov. 3.
Tongs, Ice. A. D. Brooks. 101,764; Nov. 3.
Trailer body, Automobile. A. D. de Sakhnoffsky. 101,809; Nov. 3.
Tray. B. Rummler. 101,794; Nov. 3.
Umbrella, Lawn. E. H. Hanna. 101,773–4; Nov. 3.
Vanity or similar article. G. Krick. 101,782; Nov. 3.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 3D DAY OF NOVEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrasive particles, Coating. H. M. Dent and A. J. Norton. 2,059,983; Nov. 3.
Accessory system. E. C. Horton. 2,059,457; Nov. 3.
Acids from oxidation products of hydrocarbons, Recovery of organic. H. Beller and M. Schellmann. 2,059,201; Nov. 3.
Acids from oxidation products, Recovery of fatty. M. Harder. 2,059,232; Nov. 3.
Acoustic device. J. J. Kuhn. 2,059,588; Nov. 3.
Aggregate and binder upon a road, Apparatus for mixing. H. B. Pullar and J. W. Smith. 2,059,607; Nov. 3.
Aircraft. A. V. Santarsiero. 2,059,610; Nov. 3.
Aircraft, Revolving wing. H. Klatt. 2,059,528; Nov. 3.
Air painting device. J. A. Paasche. 2,059,706; Nov. 3.
Air-pressure device. A. Gaik. 2,059,785; Nov. 3.
Air release means for vacuum systems, Automatic. S. B. Hoar. 2,059,455; Nov. 3.
Alarm system, Automatic. O. I. H. Ekman. 2,059,510; Nov. 3.
Alloy steel cold-drawing die, Nitrided. W. H. Hatfield. 2,059,732; Nov. 3.
Alloys. M. G. Corson. 2,059,555; Nov. 3.
Alloys containing chromium and iron, Copper-base. M. G. Corson. 2,059,558; Nov. 3.
Alloys containing vanadium and iron, Copper-base. M. G. Corson. 2,049,559; Nov. 3.
Alloys containing vanadium, Copper-base. M. G. Corson. 2,059,560; Nov. 3.
Alloys, Copper-base. M. G. Corson. 2,059,556–7; Nov. 3.
Anchor construction, Earth. A. A. van Lantschoot. 2,059,502; Nov. 3.
Animal trap. W. P. Howland. 2,059,238; Nov. 3.
Animal trap. L. W. McDonald. 2,059,954; Nov. 3.
Animal trap. L. W. McDonald. 2,059,954; Nov. 3.
Antenna for automobiles. E. Holecek. 2,059,869; Nov. 3.
Antiglare device for vehicle lamps. F. C. Townsend. 2,059,762; Nov. 3.
Antiskid device. L. I. Dick. 2,059,211; Nov. 3.
Arc lamp. J. H. Wagenhorst. 2,059,668, Nov. 3.
Armor plate, Homogeneous. F. Rittershausen. 2,059,746; Nov. 3.
Articles by welding, Apparatus for the formation of. J. L. Adams, Jr. 2,059,300; Nov. 3.
Articles for machining thereof, Rotating and locating. O. R. Briney. 2,059,723; Nov. 3.
Articles from steel alloys, Manufacture of. F. K. Naumann. 2,059,893; Nov. 3.
Artificial products, Manufacture of. H. Dreyfus. 2,059,322; Nov. 3.
Attachment for wash suits. M. Tartikoff. 2,059,826; Nov. 3.
Audible road signal. E. J. Morin. 2,059,958; Nov. 3.
Auto hood fastener. F. E. Barber and R. H. Davis. 2,058,302; Nov. 3.
Automatic brake. E. C. Klekhaefer. 2,059,244; Nov. 3.
Automatic cutter. J. Kruttschnitt. 2,059,368; Nov. 3.
Automobile fenders and similar materials for melting furnaces, Preparing discarded. C. M. Gregg. 2,059,229; Nov. 3.
Axle gauge. R. J. Quigley. 2,059,654; Nov. 3.
Azimuth circle. B. M. Green. 2,059,944; Nov. 3.
Back rest. K. Okano. 2,059,597; Nov. 3.
Back rest. A. M. Schoenhoff. 2,059,493; Nov. 3.
Bag tube and making same. T. O. Bancroft. 2,059,200; Nov. 3.
Bailer, Well. W. C. Erwin and C. H. Sweet. 2,059,629; Nov. 3.
Band, Elastic rubber transmission. H. W. Catt. 2,059,207; Nov. 3.
Bar: *See*—
  Book match bar.
Barbecue machine. F. F. Thompson. 2,059,666; Nov. 3.
Barrel washing apparatus. F. G. Holland and J. Green. 2,059,351; Nov. 3.
Battery terminal post structure, Storage. C. Ambruster. 2,059,506; Nov. 3.
Beach chair. H. A. Freedman. 2,059,940; Nov. 3.
Bearing structure for electric motors and the like. H. F. Morse. 2,059,891; Nov. 3.
Bearings, Lubricating composition. E. C. Eastman and E. R. Barnard. 2,059,856; Nov. 3.
Bed davenport. W. E. Wunderlich. 2,059,978; Nov. 3.
Belt, Abrasive. R. H. Jackson and H. P. Kirchner. 2,059,583; Nov. 3.
Beverage and preparing the same, Fruit. G. Verley. 2,059,828; Nov. 3.
Beverage mixing apparatus. L. W. G. Flynt. 2,059,572; Nov. 3.
Bicycle steering member. C. F. Skoog. 2,059,669; Nov. 3.
Binding material, Apparatus for making reinforced. D. E. Skedgell. 2,059,404; Nov. 3.
Blood transfusion apparatus and method. R. Mann. 2,059,803; Nov. 3.
Blower, Soot. L. J. Bayer. 2,059,193; Nov. 3.
Board: *See*—
  Panel board.
Boiler: *See*—
  Wash boiler.
Boiler cleaner. F. W. Linaker. 2,059,592; Nov. 3.
Book match bar. M. Polacsek. 2,059,392; Nov. 3.
Book series and toy house, Combination. E. N. Hempstone. 2,059,964; Nov. 3.
Book supporting device. R. H. Burton. 2,059,679; Nov. 3.
Bottle closures, Making. B. Cohn. 2,059,554; Nov. 3.
Bottle machine, Automatic paper. H. T. Scott. 2,059,403; Nov. 3.
Bottle with a detector and an impeller, Nonrefillable. C. Fall. 2,059,568; Nov. 3.
Bottles or other containers, Attachment or device for. E. D. Feldman. 2,059,685; Nov. 3.
Box: *See*—
  Stuffing box.
Bracket: *See*—
  Supporting bracket.
Brake: *See*—
  Automatic brake. Vehicle brake.
Brake. H. F. Parker. 2,059,270; Nov. 3.
Brake beam. J. P. Gallagher. 2,059,225; Nov. 3.
Brake for fishing reels. L. A. Harris. 2,059,519; Nov. 3.
Brake lining apparatus, Molded. W. Nanfeldt. 2,059,387; Nov. 3.
Brake lining drilling and countersinking machine. G. W. Fleming. 2,059,223; Nov. 3.
Bread product, Making. R. Powers. 2,059,905; Nov. 3.
Bronzing liquid. C. Bogin and V. Kelly. 2,059,310. Nov. 3.
Brooch construction. O. F. Placco. 2,059,276; Nov. 3.
Brooder. J. B. Smith. 2,059,819; Nov. 3.
Broom and making the same. H. J. Lay. 2,059,530; Nov. 3.
Brush, Hair. S. Storch. 2,059,617; Nov. 3.
Bucket, Impulse. A. Pfau. 2,059,648; Nov. 3.
Buckle. J. B. Freysinger. 2,059,516; Nov. 3.
Buckle for belts and the like. J. B. Freysinger. 2,059,515; Nov. 3.
Bugle, Piston. W. M. Frank. 2,059,450; Nov. 3.
Building material and making the same. N. P. Harshberger. 2,059,520; Nov. 3.
Building unit. A. Reisig. 2,059,490; Nov. 3.
Burner: *See*—
  Gas burner. Liquid fuel burner.
Bus body. E. M. Hicks. 2,059,866; Nov. 3.
Butterfly valve. J. J. Ring. 2,059,656; Nov. 3.
Bz2-halogen-benzanthrones. M. A. Perkins. 2,059,646; Nov. 3.
Cabinet and table, Combined. H. C. Williams. 2,059,994; Nov. 3.
Cabinet, Cooler. H. R. Loosley and W. O. Lowry. 2,059,700; Nov. 3.
Cabinet for electrical control devices and making the same. W. F. Steenweg. 2,059,671; Nov. 3.
Cable clamp. J. J. Taylor. 2,059,415; Nov. 3.
Cable grip link. E. L. Alford. 2,059,188; Nov. 3.
Cable rack. L. I. Anderson. 2,059,429; Nov. 3.
Calculating machines, Key canceling arrangement for. F. Pott. 2,059,652; Nov. 3.
Caliper, Vernier. T. H. Minchew. 2,059,740; Nov. 3.
Camera construction. W. D. Teague. 2,059,827; Nov. 3.
Camera, Roll holding. C. C. Fuerst. 2,059,860; Nov. 3.
Can: *See*—
  Powder dispensing can.
Can cooler. T. H. Engleman. 2,059,511; Nov. 3.
Cap for typewriter key bars. J. Linsky. 2,059,882; Nov. 3.
Cap remover, Bottle. J. A. Manarik. 2,059,736; Nov. 3.
Capacitor, Variable. P. J. Schwarzhaupt. 2,059,816; Nov. 3.
Capillarimeter. E. J. Richley. 2,059,961; Nov. 3.
Car construction, Railway. A. E. Small. 2,059,405; Nov. 3.
Car wheel. E. Latshaw. 2,059,256; Nov. 3.
Cars, Air conditioning railroad. A. E. Stacey, Jr., C. M. Ashley, and H. R. Arf. 2,059,715; Nov. 3.
Carboxylates, Aryl mercury aromatic. C. N. Andersen. 2,059,195; Nov. 3.
Carburetor. A. J. Sager. 2,059,657; Nov. 3.
Card verifier. W. Lang. 2,059,799; Nov. 3.
Case: *See*—
  Cigarette case. Display case.
Caster. W. F. Herold. 2,059,348; Nov. 3.
Castings, Treatment of nonferrous alloy. W. C. Devereux and C. S. Oliver. 2,059,984; Nov. 3.

Catalytic purification of oxygen-containing hydrogenation products of oxides of carbon. K. Smeykal. 2,059,495; Nov. 3.
Cathode, Indirectly heated. H. Rothe. 2,059,809; Nov. 3.
Ceiling construction, Replaceable unit. R. V. Parsons. 2,059,483; Nov. 3.
Cellulose, Colorless organic derivatives of. H. E. Martin. 2,059,380; Nov. 3.
Cellulose, Treatment of benzyl. D. Traill. 2,059,619; Nov. 3.
Cellulose, Treatment of substitution derivatives of. H. E. Martin. 2,059,381; Nov. 3.
Centrifugal separation, Multistage. C. G. Hawley. 2,059,521; Nov. 3.
Chair: *See*—
  Beach chair. Convertible chair.
Chair and ironing board, Combination. O. C. Nelson. 2,060,000; Nov. 3.
Changeable sign. C. L. G. Jones. 2,059,951; Nov. 3.
Channel conductor clamp. H. W. Papst. 2,059,899; Nov. 3.
Chemical compounds, derivable from urea and ethylene oxide, and useful as textile. H. A. Piggott. 2,059,273; Nov. 3.
Cigarette case. C. and S. Maten. 2,059,382; Nov. 3.
Circuit breaker. W. H. Frank and J. Messing. 2,059,985; Nov. 3.
Circuit breaker system, Automatic reclosing. A. E. Anderson. 2,059,836; Nov. 3.
Circuit, Electrical. D. T. Bell. 2,059,194; Nov. 3.
Circuit, Gas-filled tube telegraph relay. A. M. Curtis and E. M. Boardman. 2,059,562; Nov. 3.
Circuit, High frequency oscillator and modulation. C. W. Hansell. 2,059,863; Nov. 3.
Circuit, Receiving. H. E. Hollmann. 2,059,581; Nov. 3.
Clamp: *See*—
  Cable clamp. Insulator clamp.
  Channel conductor clamp. Pipe clamp.
Cleaner: *See*—
  Boiler cleaner. Drain cleaner.
  Cylinder vacuum cleaner. Windshield cleaner.
Clip: *See*—
  Spring clip.
Clipper, Tapering hair. C. M. Havens. 2,059,454; Nov. 3.
Clinker extractor. R. P. Colwill. 2,059,489; Nov. 3.
Closable container. D. Reid. 2,059,395; Nov. 3.
Closure and shutter drive, Combined. L. E. Whittaker. 2,059,426; Nov. 3.
Closure for bottles, jars, and like containers. K. A. Robinson. 2,059,707; Nov. 3.
Closure for containers and making. J. E. Olson. 2,059,897; Nov. 3.
Clutch. C. M. Eason. 2,059,935; Nov. 3.
Clutch testing device. C. B. Spase. 2,059,407; Nov. 3.
Coal, Treatment for improving bituminous. J. C. Nelms. 2,059,388; Nov. 3.
Coated fabric. C. B. Hill. 2,059,792; Nov. 3.
Coating composition for wire and process. E. H. Converse. 2,059,441; Nov. 3.
Coating compositions. H. S. Holt. 2,059,948; Nov. 3.
Coil handling apparatus. W. W. McBane. 2,059,703; Nov. 3.
Coin counter and bank, Automatic. C. F. Engleman. 2,059,936; Nov. 3.
Cold diffusion apparatus. D. French. 2,059,686; Nov. 3.
Cold storage humidification and dehumidification system. W. Jones. 2,059,874; Nov. 3.
Collar, Folding. T. B. I. Sörensen. 2,059,663; Nov. 3.
Collar for food cabinets, Retaining. D. H. Caston. 2,059,861; Nov. 3.
Collar holder. C. W. Price. 2,059,998; Nov. 3.
Collars, Apparatus for shaping double. R. Pracht. 2,059,606; Nov. 3.
Color photography. J. Eggert and G. Heymer. 2,059,323; Nov. 3.
Color photography. L. D. Mannes and L. Godowsky, Jr. 2,059,884; Nov. 3.
Color screen holder. K. P. Kenworthy. 2,059,361; Nov. 3.
Combustion apparatus D. F. Kilgour. 2,059,586; Nov. 3.
Composite article, Coating. G. J. Farnworth. 2,059,783; Nov. 3.
Composition of matter for use as a vehicle for other substances, and producing the same. A. Sauer. 2,059,811; Nov. 3.
Compound including hydrocarbon. R. H. Russell. 2,059,535; Nov. 3.
Compounds of the Benzanthrone series. M. A. Perkins. 2,059,647; Nov. 3.
Compression fitting. A. J. Weatherhead, Jr. 2,059,920; Nov. 3.
Connection, Bolt and nut. E. Daiber. 2,059,853; Nov. 3.
Constant level apparatus. F. Thomas. 2,059,417; Nov. 3.
Container: *See*—
  Closable container.
Container construction. P. E. de Merce. 2,059,318; Nov. 3.
Container for extractors. Removable. O. W. Johnson. 2,059,461; Nov. 3.
Containers, Apparatus for and method of making pouch-like. J. C. Thom. 2,059,416; Nov. 3.
Containers, Discharging of stored pressure medium. D. Mapes. 2,059,969; Nov. 3.
Containers, Separating and delivering. C. S. Brandenburg. 2,059,546; Nov. 3.
Control device. N. C. Schellenger. 2,059,712; Nov. 3.
Control for radio apparatus. G. M. Rosenblum. 2,059,279; Nov. 3.
Control mechanism for air conditioning apparatus. W. A. Bulger. 2,059,846; Nov. 3.
Control system and apparatus. H. F. Parker. 2,059,271; Nov. 3.
Control system for road working machines, Hydraulic. H. C. Buffington. 2,059,205; Nov. 3.
Control system, Supervisory. J. H. Oliver. 2,059,896; Nov. 3.
Convertible chair. H. A. Robinson, Sr. 2,059,397; Nov. 3.
Cooker, Multiple. D. B. Mayberry. 2,059,953; Nov. 3.
Cooler: *See*—
  Can cooler.
Cooler, humidifier, and air circulator. P. D. Good. 2,059,637; Nov. 3.
Core for high frequency inductances, Magnetic. W. J. Polydoroff. 2,059,393; Nov. 3.
Corrosion, particularly of metals from the iron-group, and to a corrosion preventative, Preventing. A. Bopp. 2,059,770; Nov. 3.
Counterfeit paper money detector. F. E. Backer and J. Moles. 2,059,197; Nov. 3.
Counting apparatus. J. L. Roemer. 2,059,398; Nov. 3.
Cover: *See*—
  Dust cover.
Cravat holder. R. E. Albright. 2,059,301; Nov. 3.
Crib, Step-in baby. H. V. Johnston. 2,059,240; Nov. 3.
Crimper, Pie. E. S. Houck. 2,059,353; Nov. 3.
Cubing machine. C. A. and F. L. Payne. 2,059,486; Nov. 3.
Cup: *See*—
  Packing cup.
Cup and saucer. E. C. Bell. 2,059,769; Nov. 3.
Cup expander, Sealing. B. Dick. 2,059,729; Nov. 3.
Cushion, Air conditioned. G. M. Gates. 2,059,226; Nov. 3.
Cushion, Seat. S. Katz. 2,059,875; Nov. 3.
Cushion, Spring. A. Wesley. 2,059,424; Nov. 3.
Cut-off machine. G. W. Swift, Jr. 2,059,412; Nov. 3.
Cutter: *See*—
  Automatic cutter. Weed cutter.
Cutting tool, Fiberboard. W. G. Davis. 2,059,317; Nov. 3.
Cylinder vacuum cleaner, Dictating machine. G. Miller. 2,059,263; Nov. 3.
Damper and manufacture of same, Stove. M. L. Hunker. 2,059,793; Nov. 3.
Deep well pump. R. L. Chenault. 2,059,508; Nov. 3.
Defroster, Windshield. T. J. Gerwer. 2,059,990; Nov. 3.
Dehydration apparatus. L. Altpeter. 2,059,191; Nov. 3.
Dental floss holder. J. A. Storm. 2,059,287; Nov. 3.
Dental restoratives, Preparing. F. S. Meyer. 2,059,262; Nov. 3.
Dentifrice product. J. Ripert. 2,059,396; Nov. 3.
Deodorant and disinfectant holder. H. W. Hoffman. 2,059,524; Nov. 3.
Detector: *See*—
  Counterfeit paper money detector.
Dewaxing process. J. A. Anderson. 2,059,837; Nov. 3.
Diaper. L. C. MacClashan. 2,059,956; Nov. 3.
Differential treatment of multilayer films. L. D. Mannes and L. Godowsky, Jr. 2,059,887; Nov. 3.
Dipping machine. W. T. Green. 2,059,339; Nov. 3.
Discharge head for fluid containers. S. E. Allen. 2,059,189; Nov. 3.
Discharge tube. H. Rothe. 2,059,810; Nov. 3.
Dispensing apparatus. J. F. Cook, Jr., and J. B. Moore. 2,059,442; Nov. 3.
Dispensing device. G. Kaufman and B. Lindner. 2,059,966; Nov. 3.
Display case. W. I. Wells. 2,059,922; Nov. 3.
Display device, Animated. J. Whitworth. 2,059,296; Nov. 3.
Display figure. G. C. Goodsill. 2,059,338; Nov. 3.
Display stand. F. A. Sunderhauf. 2,059,823; Nov 3.
Door check and closer. E. Morrissette. 2,059,385; Nov. 3.
Door closer, Automatic safety overhead. J. F. Winn, Jr. 2,059,833; Nov. 3.
Door handle coupling, Adjustable. A. de Vries. 2,059,319; Nov. 3.
Door lock. J. A. Kwake. 2,059,369; Nov. 3.
Door mechanism, Rolling. H. G. Kelly. 2,059,585; Nov. 3.
Door operating device. J. A. Platt and F. N. Sneyd. 2,059,904; Nov. 3.
Dough mixing apparatus. J. C. Gordon. 2,059,730; Nov. 3.
Draft rigging. D. S. Barrows. 2,059,962; Nov. 3.
Drain cleaner. E. A. Nagel. 2,059,532; Nov. 3.
Drain traps, Device for cleaning. O. E. Heisser. 2,059,733; Nov. 3.
Drainer. R. Bentley. 2,059,432; Nov. 3.
Drapes, portières, curtains, or the like. D. J. Tucker. 2,059,672; Nov. 3.
Drier for razors and razor blades. W. M. Larson. 2,059,699; Nov. 3.
Drive, Variable speed dual. D. F. Warner. 2,059,830; Nov. 3.
Driving device for textile machines. K. G. Scheibel. 2,059,659; Nov. 3.
Drought, dust, and weather excluder for doors and windows. N. Wood and D. P. Lockett. 2,059,674; Nov. 3.

Dry cleaning. L. D. Myers. 2,059,475; Nov. 3.
Dumping and draining apparatus. R. E. Kaestner. 2,059,997; Nov. 3.
Dust cover. C. Borgmann. 2,059,545; Nov. 3.
Dyes and their preparation, Azo. M. A. Dahlen and F. Zwilgmeyer. 2,059,852; Nov. 3.
Dyes, Production of sulphur. R. W. Hess. 2,059,579; Nov. 3.
Dyestuffs and their production, Water insoluble azo. P. Petitcolas. 2,059,903; Nov. 3.
Dyestuffs of the anthraquinone series. P. Nawiasky, B. Stein, and R. Zell. 2,059,476; Nov. 3.
Dynamo-electric machine. F. W. Merrill. 2,059,886;
Earth moving device. W. D. Barrett and E. R. Greer. 2,059,431; Nov. 3.
Easel, Studio. A. C. Huelsdonk. 2,059,525; Nov. 3.
Eggs, Sterilizing and drying. H. I. Rosner. 2,059,399; Nov. 3.
Elastic suspension device for vehicles. G. Broulhiet. 2,059,434; Nov. 3.
Electric combination lock. E. E. Teubner. 2,059,919; Nov. 3.
Electric distribution, System of. W. J. McLachlan. 2,059,885; Nov. 3.
Electric network, Frequency discriminating. H. L. Oura. 2,059,389; Nov. 3.
Electric power converting apparatus. C. H. Willis and B. D. Bedford. 2,059,832; Nov. 3.
Electric pressure meter. R. W. Carlson. 2,059,549; Nov. 3.
Electric starting motor. D. Collins. 2,059,624; Nov. 3.
Electric switch. L. H. Matthias. 2,059,702; Nov. 3.
Electric switch. W. F. Steenweg. 2,059,670; Nov 3.
Electrical conductor, Insulated. S. Ruben. 2,059,280; Nov. 3.
Electrical contact device. G. Prikel. 2,059,488; Nov. 3.
Electrical distribution system. W. H. Frank. 2,059,988; Nov. 3.
Electrical distribution system. W. H. Frank and J. W. Harper. 2,059,986–7; Nov. 3.
Electrical meter system. P. Petri. 2,059,743; Nov. 3.
Electrode holder. J. Churchward. 2,059,438; Nov. 3.
Electromagnetic switch. J. A. Blanco. 2,059,306; Nov. 3.
Electronic indicating device. W. T. Gibson and D. H. Black. 2,059,575; Nov. 3.
Engine: *See*—
Internal combustion engine.
Engine. W. F. Logan. 2,059,802; Nov. 3.
Engines, Method and means to run carburetor internal combustion. N. G. A. Gustafsson. 2,059,334; Nov. 3.
Esters of cellulose, Treating organic. A. Dobry. 2,059,934; Nov. 3.
Evaporator device. D. P. Heath. 2,059,864; Nov. 3.
Evaporator, Shell and tube. W. H. Carrier. 2,059,725; Nov. 3.
Extraction apparatus for production of beverages. H. H. Bell. 2,059,622; Nov. 3.
Extractor: *See*—
Clinker extractor.
Fabric: *See*—
Coated fabric. Textile fabric.
Fabric, Apparatus for inspecting. R. K. Boadwee and W. P. Seem. 2,059,308; Nov. 3.
Fabric inspecting apparatus. R. K. Boadwee and W. P. Seem. 2,059,307; Nov. 3.
Fabrics similar to ribbed goods with the aid of knitting machines, Producing. H. Diem. 2,059,682; Nov. 3.
Fastener: *See*—
Auto hood fastener.
Fastenings and making the same. G. A. Smith. 2,059,406; Nov. 3.
Feeder: *See*—
Glass feeder.
Feeder. O. J. Olson. 2,059,482; Nov. 3.
Feeder for printing presses. F. R. Belluche. 2,059,677; Nov. 3.
Feeding device. J. A. Ball. 2,059,199; Nov. 3.
Feeding device and using the same. H. J. Brownlee. 2,059,435; Nov. 3.
Feeding mechanism for rock drills. L. L. Richardson. 2,059,491; Nov. 3.
Fiber and making the same, Water-resistant indurated. D. W. Hollingworth. 2,059,947; Nov. 3.
Filaments, films and the like, and making the same. W. Whitehead. 2,059,425; Nov. 3.
Filler, Belt clamp. A. B. Ryan. 2,059,401; Nov. 3.
Film, Apparatus for feeding motion picture. O. Wittel. 2,059,834; Nov. 3.
Film cut-out. G. J. Meyers, Jr. 2,059,890; Nov. 3.
Film feeding mechanism, Intermittent. B. R. Carson. 2,059,206; Nov. 3.
Film, Making stripping. N. F. Beach. 2,059,843; Nov. 3.
Film pack. J. H. S. Parker and W. N. Schuler. 2,059,900; Nov. 3.
Films, Manufacture of photographic. H. Le B. Gray. 2,059,862; Nov. 3.
Finding for a clasp. A. Hurewitz. 2,059,582; Nov. 3.
Finish, Bottle. E. A. Ravenscroft. 2,059,910; Nov. 3.
Finishing machine. G. A. Carlson. 2,059,724; Nov. 3.
Firearm. G. Sandine. 2,059,658; Nov. 3.
Fire extinguishing system. S. E. Allen. 2,059,190; Nov. 3.
Fire kindler. F. V. Chaney. 2,059,208; Nov. 3.
Fireplace heater. H. E. Smith. 2,059,539; Nov. 3.
Fishing reel. W. L. Adams. 2,059,765; Nov. 3.
Fishing reel. R. G. Wenzel. 2,059,763; Nov. 3.
Fitting for lubrication, Pressure. J. F. MacIndoe. 2,059,701; Nov. 3.
Fixture support. F. R. Ernst. 2,059,858; Nov. 3.
Flask, Dental. R. Berk. 2,059,928; Nov. 3.
Float Valve. A. Karges. 2,059,359; Nov. 3.
Fluid, Apparatus for controlling pressure. R. Beck and J. Briscoe. 2,059,722; Nov. 3.
Fluid pressure mechanism. B. Dick. 2,059,444; Nov. 3.
Fluid pressure regulator. D. D. Dresback. 2,059,855; Nov. 3.
Fluid pressure regulator. B. L. Robart and E. P. Buell. 2,059,808; Nov. 3.
Fluorine from water, Removal of. H. V. Churchill. 2,059,553; Nov. 3.
Footwear. N. D. Mattison. 2,059,470; Nov. 3.
4-amino-dinitro-diphenylamines and preparing them. L. Laska and R. Heil. 2,059,800; Nov. 3.
Freezer, Confection. L. A. M. Phelan and L. E. Koch. 2,059,604; Nov. 3.
Form, Shoe. W. J. De Witt. 2,059,727; Nov. 3.
Fruit juice (grape), Treating. G. Grindrod. 2,059,788; Nov. 3.
Fruit juice, Treating. G. Grindrod. 2,059,789; Nov. 3.
Fuel feed for internal combustion engines. F. W. and F. T. Gamage. 2,059,688; Nov. 3.
Fuel pressure regulator, Liquid. F. B. Stearns. 2,059,759; Nov. 3.
Fuel supply system for internal combustion engines. G. R. Ericson and L. D. Boyce. 2,059,325; Nov. 3.
Furnace unit. F. F. Jackson. 2,059,794; Nov. 3.
Furnace wall structure. A. S. Barker. 2,059,766; Nov. 3.
Furniture support. J. C. Ward, Jr. 2,059,420; Nov. 3.
Fuse. W. C. Crimmins. 2,059,681; Nov. 3.
Fuse and holder therefor. F. E. Lowenstein. 2,059,467; Nov. 3.
Fuse, Repeating. T. F. Johnson. 2,059,796; Nov. 3.
Fuselage. J. Rouffaer. 2,059,492; Nov. 3.
Fusions, Apparatus for. J. F. Wait. 2,059,543; Nov. 3.
Garment and closure therefor. R. M. Goldsmith. 2,059,337; Nov. 3.
Gas, Apparatus for producing a dry fixed. F. J. Nolan. 2,059,268–9; Nov. 3.
Gas burner. G. Keith. 2,059,360; Nov. 3.
Gas from emulsified mixtures, Producing. R. H. Russell. 2,059,536; Nov. 3.
Gases, Apparatus for analyzing exhaust. G. H. Allen. 2,059,428; Nov. 3.
Gasoline dispensing pump. C. Devers. 2,059,210; Nov. 3.
Gauge: *See*—
Axle gauge.
Gear cutting machine. C. A. Schellens. 2,059,613; Nov. 3.
Gear ratio transmission, Automatic variable. P. Leoni. 2,059,591; Nov. 3.
Gearing C. A. Schellens. 2,059,612; Nov. 3.
Gelatin emulsions and solutions, Hardening photographic. S. E. Sheppard and R. C. Houck. 2,059,817; Nov. 3.
Generator: *See*—
Oscillation generator. Slope wave generator.
Girdle and shorts. R. W. Spain. 2,059,820; Nov. 3.
Glass bodies, Method of and apparatus for forming. F. Meyer. 2,059,474; Nov. 3.
Glass building unit. A. Reisig. 2,059,489; Nov. 3.
Glass feeder. W. A. Morton. 2,059,889; Nov. 3.
Glass-steel building construction. I. Friedman. 2,059,332; Nov. 3.
Gopher trap. F. J. Hain. 2,059,453; Nov. 3.
Grading machine. W. de Back. 2,059,776; Nov. 3.
Grafting or welding. R. Scaglione. 2,059,812; Nov. 3.
Granulating apparatus. J. C. Kopf. 2,059,249; Nov. 3.
Grate, Rotary. C. M. Shott. 2,059,661; Nov. 3.
Grease dispensing unit. A. Joncha. 2,059,965; Nov. 3.
Grease gun carrier rack. I. L. Eastman. 2,059,445; Nov. 3.
Grease intercepter. E. W. N. Boosey. 2,059,844; Nov. 3.
Grinding and weighing machine, Combined. D. Frediani. 2,059,514; Nov. 3.
Grinding machine. C. H. Norton and A. G. Belden. 2,059,895; Nov. 3.
Grinding mill. J. H. Johns. 2,059,795; Nov. 3.
Grinding mill. R. D. MacDonald. 2,059,377; Nov. 3.
Guard, Cow stall. A. Detert. 2,059,933; Nov. 3.
Gun structure, Oil. I. L. Eastman. 2,059,446; Nov. 3.
Guns, Flexible adapter for machine. C. G. Trimbach. 2,059,717; Nov. 3.
Gyro horizon indicator. F. G. Nesbitt. 2,059,266; Nov. 3.
Hammer mill. C. F. Crumb and M. W. Roscoe. 2,059,316; Nov. 3.
Handle for containers, Carrying. D. Belcher. 2,059,621; Nov. 3.
Handling devices for packages or the like. V. Kobler and W. Kobler. 2,059,643; Nov. 3.
Handrail, Bridge. J. D. Bond and A. V. Marbry. 2,059,311; Nov. 3.
Hanger: *See*—
Shade and curtain hanger. Stranded ribbon hanger.
Harness, Baby's sleeping. H. M. Donoghue. 2,059,563; Nov. 3.
Hatching compartment for an incubator. R. M. Petersime. 2,059,533; Nov. 3.

Heat control. J. L. Kimball. 2,059,362; Nov. 3.
Heat exchange apparatus. C. H. Leach. 2,059,967; Nov. 3.
Heat transfer unit, Multipurpose. C. M. Ashley. 2,059,839; Nov. 3.
Heater: *See*—
Fireplace heater. Water heater.
Heater. S. Fisher. 2,059,329; Nov. 3.
Heater for stoves and furnaces, Water. W. A. Mumaugh. 2,059,959; Nov. 3.
Heater shell, Hot water. R. R. Legg. 2,059,371; Nov. 3.
Heaters, Device for cleaning fuel oil. J. E. Hamilton, U. S. Navy. 2,059,231; Nov. 3.
Heating apparatus. W. M. Hepburn and T. W. Munford. 2,059,523; Nov. 3.
Heel-attaching machine. G. W. Freeman. 2,059,331; Nov. 3.
Heterodyne receiver. F. H. Drake. 2,059,321; Nov. 3.
Hexamethylenetetramine compounds and producing the same. H. Jungmann. 2,059,462; Nov. 3.
Holder: *See*—
Collar holder. Electrode holder.
Color screen holder. Lingerie tape holder.
Cravat holder. Mop holder.
Dental floss holder.
Horseshoe, Four-point pitching. W. F. Madison. 2,059,378; Nov. 3.
Household appliance. C. P. Henry and L. D. Batman. 2,059,347; Nov. 3.
Humidifier. W. E. Stark. 2,059,408; Nov. 3.
Hydrocarbons, Coking. W. W. Johnson. 2,059,734; Nov. 3.
Hydrogen peroxide, Manufacture of. G. W. Filson and J. H. Walton. 2,059,569; Nov. 3.
Hydrostatic sand pump. E. S. Sloan. 2,059,538; Nov. 3.
Ice cream machine. W. H. Payne and F. R. Proper. 2,059,485; Nov. 3.
Ignition system. B. B. Holthouse. 2,059,237; Nov. 3.
Ignition system for internal combustion engines. H. E. Kennedy. 2,059,243; Nov. 3.
Illuminating device. J. A. Hoeveler. 2,059,868; Nov. 3.
Imino compounds and making them, Aromatic. O. Limpach and K. Hager. 2,059,466; Nov. 3.
Implement for treating and placing materials. C. Jackson. 2,059,239; Nov. 3.
Inclinometer. E. Christensen. 2,059,551; Nov. 3.
Index head, Universal. J. Y. Scott and R. F. Stowell. 2,059,753; Nov. 3.
Indicator: *See*—
Gyro horizon indicator. Potentiometer indicator.
Indicator for radio receivers. E. Kohig. 2,059,248; Nov. 3.
Infolding machine. M. J. Curley. 2,059,336; Nov. 3.
Infolding machine. A. G. Gilbert. 2,059,335; Nov. 3.
Inner tube for pneumatic tires. M. C. McWherter. 2,059,955; Nov. 3.
Insulating plank, Fireproof metal-clad. A. H. Tashjian. 2,059,664; Nov. 3.
Insulating structure and manufacturing same. H. B. Lindsay. 2,059,801; Nov. 3.
Insulator clamp. F. J. Hodges. 2,059,456; Nov. 3.
Internal combustion engine. F. L. O'Bryan, Sr. 2,059,804; Nov. 3.
Internal combustion engine. A. R. Wurtele. 2,059,720; Nov. 3.
Iron, Steam generating electric. I. Abrams and N. Pesakof. 2,059,620; Nov. 3.
Jar, Oil well. J. F. Stephan. 2,059,540; Nov. 3.
Jelly preparations and preparing jellies. D. R. Thompson and G. H. Joseph. 2,059,541; Nov. 3.
Juices, Extraction and purification of sugar. A. T. Scott. 2,059,971; Nov. 3.
Junction box transformer, Built-in. A. A. Emlen. 2,059,217; Nov. 3.
Jig, Dye. H. W. Honeyman, Jr. 2,059,871; Nov. 3.
Keeper for a gun sling. T. Imler. 2,059,949; Nov. 3.
Keyboard perforator and counter. H. L. Krum. 2,059,250; Nov. 3.
Key for cameras, Winding. C. C. Fuerst. 2,059,859; Nov. 3.
Key releasing means. F. A. Hosack. 2,059,458; Nov. 3.
Knife, Crumbless bread. W. P. Taylor. 2,059,414; Nov. 3.
Lace mechanism for straight knitting machines. M. Richter. 2,059,806; Nov. 3.
Lacquers, Crystallizing. T. F. Bradley. 2,059,981; Nov. 3.
Lamp: *See*—
Arc lamp. Luminous discharge lamp.
Lamp construction, Portable. R. G. Williams. 2,059,977; Nov. 3.
Lamp final. P. Chilo. 2,059,314; Nov. 3.
Lasting machine. J. C. Jorgensen. 2,059,241; Nov. 3.
Latching device. E. North. 2,059,479; Nov. 3.
Lenses, Manufacture of ophthalmic. W. Bausch. 2,059,767; Nov. 3.
Lever mechanism for shears, Compensating. A. J. Libert. 2,059,644; Nov. 3.
Lighter, Cigar. F. Ringer. 2,059,807; Nov. 3.
Lighting system. W. C. Edwards and S. R. Conwell. 2,059,780; Nov. 3.
Lighting system, Electric. E. Heymann and F. W. Heymann. 2,059,350; Nov. 3.
Lingerie tape holder. F. J. Swayne. 2,059,618; Nov. 3.
Liquid, Controlling the flow of. C. M. Ashley. 2,059,721; Nov. 3.
Liquid discharge device for centrifugal separators. H. O. Lindgren. 2,059,372; Nov. 3.
Liquid fuel burner. H. Guhl, F. W. O. Dorl, and K. Gargel. 2,059,638; Nov. 3.
Liquid level control device. J. Swinburne. 2,059,716; Nov. 3.
Liquids, Heating. P. Branch. 2,059,023; Nov. 3.
Liquids with phosphorus pentoxide, Treating organic. B. Malishev. 2,059,469; Nov. 3.
Lithium salts and metallic lithium, Production of. O. Roder and H. Siegene. 2,059,750; Nov. 3.
Lock: *See*—
Door lock. Electric combination lock.
Lock. S. F. Briggs. 2,059,678; Nov. 3.
Lock. E. N. Jacobi. 2,059,694–8; Nov. 3.
Locks, Apparatus for picking. J. Lombardo. 2,059,376; Nov. 3.
Locking and releasing mechanism for swinging doors or the like. F. C. Griswold. 2,059,692; Nov. 3.
Locomotive. M. Mayer. 2,059,471; Nov. 3.
Loom. W. Van D. Jewett. 2,059,357; Nov. 3.
Lubricator: *See*—
Rail lubricator.
Luminous discharge lamp. H. P. Hood. 2,059,640; Nov. 3.
Machine for compressing and loading articles of flat form. P. D. Parsons. 2,059,960; Nov. 3.
Machine for making wire garment hangers. D. S. Boyles. 2,059,771; Nov. 3.
Machine for operating upon sheet material. C. E. Hardenbrook, Jr. 2,059,344; Nov. 3.
Machine for quilting mattress borders. J. W. Bowersox. 2,059,845; Nov. 3.
Machine for shaping shoe uppers or parts thereof. J. Fausse. 2,059,327; Nov. 3.
Machine for trimming and splicing the waste ends of paper and similar webs. J. A. Jones and A. C. Miller. 2,059,873; Nov. 3.
Machine valves, Mechanism for operating milking. C. H. Hapgood. 2,059,340; Nov. 3.
Machining by electric current. C. J. Holslag. 2,059,236; Nov. 3.
Magazine, Card. W. W. Lasker. 2,059,254; Nov. 3.
Magneto-electric machine. C. F. Reis. 2,059,745; Nov. 3.
Magneto rotor. T. J. Harley. 2,059,518; Nov. 3.
Manganese values from ores containing them, Obtaining. A. T. Sweet and J. D. MacCarthy. 2,059,499; Nov. 3.
Manifolding apparatus, Multiple. R. C. Lassiat. 2,059,255; Nov. 3.
Material and elastic shoe embodying the same, Elastic multi-ply. E. F. Roberts. 2,059,747; Nov. 3.
Material mixer. J. A. Erickson. 2,059,857; Nov. 3.
Mattress, Inner spring. B. R. Noel. 2,059,478; Nov. 3.
Measuring instrument, Electrical. E. A. Massa, Jr. 2,059,594; Nov. 3.
Meat cutting machine. J. F. McKeage. 2,059,595; Nov. 3.
Meat smoking device. M. Farber. 2,059,938; Nov. 3.
Mercury salts of oxyacids of chromium, Aryl. C. N. Andersen. 2,059,196; Nov. 3.
Metal and material therefor, Cleaning. J. E. Ruch. 2,059,915; Nov. 3.
Metal, Apparatus for treating. A. R. Stargardter. 2,059,976; Nov. 3.
Metal, Cold rolling coated sheet. L. W. Beale and J. E. Murphy. 2,059,304; Nov. 3.
Metal, Making composite. W. C. Johnson. 2,059,584; Nov. 3.
Metal member to a nonmetallic tubular member, Securing a. H. P. Hinds. 2,059,867; Nov. 3.
Metal slabs, Method and apparatus for scale breaking and edging hot. L. Iversen. 2,059,460; Nov. 3.
Metalworking machine, Automatic. H. W. Rupple. 2,059,710–11; Nov. 3.
Metal, Working sheet. W. T. Taylor. 2,059,292; Nov. 3.
Meter: *See*—
Electric pressure meter.
Meter and switch box protector, Combination. P. Petri. 2,059,742; Nov. 3.
Meters, Driving the counting mechanism of gas. H. Brandl. 2,059,547; Nov. 3.
Microscope illuminator. G. A. Ellestad. 2,059,781; Nov. 3.
Mill: *See*—
Grinding mill. Hammer mill.
Mining apparatus. E. A. Thomas and E. M. Cudwallader. 2,059,415; Nov. 3.
Mixer: *See*—
Material mixer.
Molding material. E. C. Rossiter and A. Brookes. 2,059,609; Nov. 3.
Molten materials, Apparatus for granulating. W. K. Hall and F. Heywood. 2,059,230; Nov. 3.
Monoazodyestuffs. R. Fleischhauer. 2,059,512; Nov. 3.
Mop and wringer. C. E. Buell. 2,059,772–3; Nov. 3.
Mop holder. A. P. Smith. 2,059,662; Nov. 3.
Mortars or binders containing caoutchouc and preparing same. K. Dietz and K. Frank. 2,059,778; Nov. 3.
Motor: *See*—
Electric starting motor.
Motor for lubricating pumps. H. C. Roth. 2,059,768; Nov. 3.
Motor retard. F. G. Hawney. 2,059,345; Nov. 3.
Mount for airplane instruments, Antivibration. B. G. Carlson. 2,059,312; Nov. 3.

Mounting, Electrode. W. Persch. 2,059,902; Nov. 3.
Mounting for instruments, Antivibration. L. F. Carter. 2,059,313; Nov. 3.
Mounting for marine engines. F. O. Fernstrum. 2,059,220; Nov. 3.
Mounting for typewriting machines, Key lever, W. Gebauer. 2,059,574; Nov. 3.
Mounting, Rheostat. N. C. Schellenger. 2,059,813; Nov. 3.
Muffler. P. G. Pelk. 2,059,487; Nov. 3.
Musical sound effects, Producing. W. Osborne. 2,059,898; Nov. 3.
Needle, Knitting. A. L. Le Febvre. 2,059,968; Nov. 3.
Needle threader. C. A. Carlson. 2,059,680; Nov. 3.
Neon sign. W. G. Green. 2,059,451; Nov. 3.
Nest, Poultry. W. A. Russell. 2,059,400; Nov. 3.
Nitro cellulose, Manufacture of. R. K. Eskew. 2,059,326; Nov. 3.
Nozzle extension, Lubricant. C. E. Miller. 2,059,704; Nov. 3.
Nozzle, Sandblast. H. A. Thorndike. 2,059,294; Nov. 3.
Nuts in the shell, Treating. W. G. Gow. 2,059,787; Nov. 3.
Obstetric table. M. S. Mendenhall, V. McCorkell, and C. L. Higginbotham. 2,059,957; Nov. 3.
Oil and derivatives thereof, Blown drying. J. S. Long and G. L. Ball, Jr. 2,059,259; Nov. 3.
Oil clarifier. C. E. Johnson and H. T. Moore. 2,059,358; Nov. 3.
Oil conversion, Hydrocarbon. C. P. Dubbs. 2,059,625; Nov. 3.
Oil lacquer. W. Schrauth. 2,059,815; Nov. 3.
Oil, Lubricating. E. J. Barth and R. P. Coriew. 2,059,192; Nov. 3.
Oils, Conversion of hydrocarbon. K. Swartwood. 2,059,290–1; Nov. 3.
Oils, Treating. J. F. Walt. 2,059,542; Nov. 3.
Opener, Can. H. E. Kittle. 2,059,367; Nov. 3.
Operator for counterbalanced windows. H. E. Campbell. 2,059,436; Nov. 3.
Ore loading machine. B. R. Sheets. 2,059,660; Nov. 3.
Organisms, Destruction of living. A. G. Worthing and R. S. Euler. 2,059,835; Nov. 3.
Ornament, Christmas tree. M. Pretzfelder. 2,059,653; Nov. 3.
Oscillation generator. E. Klotz and H. O. Roosenstein. 2,059,587; Nov. 3.
Oscillator, Scanning. P. T. Farnsworth. 2,059,683; Nov. 3.
Packaging part, Auxiliary. A. F. Files. 2,059,784; Nov. 3.
Packing cup. B. Dick. 2,059,728; Nov. 3.
Pad roller assembly. P. Haas. 2,059,342; Nov. 3.
Panel board. W. H. Frank, J. A. Messing, and H. J. L. Frank. 2,059,989; Nov. 3.
Paper, Apparatus for sizing photographic. G. T. Lane. 2,059,881; Nov. 3.
Paper feed mechanism. E. H. Dreher. 2,059,215; Nov. 3.
Paper feeding device. E. H. Dreher. 2,059,214; Nov 3.
Paper feeding mechanism for statistical machines. R. E. Baldwin. 2,059,198; Nov. 3.
Paper manufacture. F. Hadfield. 2,059,343; Nov. 3.
Paper, Sizing. O. Kress and C. E. Johnson. 2,059,464–5; Nov. 3.
Paper, Sizing photographic. G. T. Lane. 2,059,880; Nov. 3.
Parachute, Kite. F. G. Fisher, Jr. 2,059,634; Nov. 3.
Partition, Metal. A. S. Driver. 2,059,565; Nov. 3.
Pen, Fountain. B. W. Hanle. 2,059,577; Nov. 3.
Petroleum conversion. W. Kaplan. 2,059,527; Nov. 3.
Petroleum refinement and the like. C. G. Hawley. 2,059,522; Nov. 3.
Physiotherapeutic device. P. M. Thomas. 2,059,500; Nov. 3.
Pipe clamp. B. E. Gavin. 2,059,573; Nov. 3.
Pipe, Transportation of. E. C. Pagel. 2,059,390; Nov. 3.
Pipe union and check valve, Combined. F. R. Long. 2,059,531; Nov. 3.
Pipes, Method of and apparatus for forming spiral. B. W. Henning. 2,059,578; Nov. 3.
Piston and crosshead assemblies, Making fabricated. C. Steenstrup. 2,059,822; Nov. 3.
Piston, Engine. H. Schneider. 2,059,713; Nov. 3.
Piston resizing and reshaping machine. C. A. and M. W. Marien. 2,059,379; Nov. 3.
Pitching control practice device. C. C. King. 2,059,365; Nov. 3.
Planer, Hand meat block. G. Hare. 2,059,945; Nov. 3.
Plans of ground exclusively by photographic means, Apparatus for producing. R. Ferber. 2,059,633; Nov. 3.
Plastic composition. A. F. Randolph. 2,059,394; Nov. 3.
Plowshare, Rebuilt. K. Whitaker. 2,059,923; Nov. 3.
Plug: *See*—
Spark plug.
Plug and switch, Combination connecter. E. B. Barnitz. 2,059,926; Nov. 3.
Polarity reverser. F. Saar. 2,059,283; Nov. 3.
Portable safety signal. N. Goldberg. 2,059,990; Nov. 3.
Potentiometric indicator. R. W. Gilbert. 2,059,786; Nov. 3.
Powder dispensing can. W. A. Rochester. 2,059,608; Nov. 3.
Power transmitting apparatus. R. G. McCurdy. 2,059,738; Nov. 3.
Press: *See*—
Shoe press.
Press for cell case machines, Punch. D. R. Vail. 2,059,501; Nov. 3.
Pressing machine. F. C. Wilhelm. 2,059,295; Nov. 3.
Pressure regulator. A. Pfau. 2,059,649; Nov. 3.
Prime mover control system. A. Pfau. 2,059,651; Nov. 3.
Printing and paper feeding mechanism for adding machines or the like. W. W. Lasker. 2,059,251; Nov. 3.
Printing device for envelope machines. H. G. Cowan, E. R. Lake, and S. B. Urbanowitz. 2,059,561; Nov. 3.
Printing mechanism for tabulating machines. R. Duncan and L. F. Wilkinson. 2,059,216; Nov. 3.
Protection system. A. L. Sprecker. 2,059,757; Nov. 3.
Protective means for radio receiving apparatus. R. S. Holmes. 2,059,870; Nov. 3.
Protector: *See*—
Meter and switch box protector.
Pump: *See*—
Deep well pump. Self-priming impeller pump.
Gasoline dispensing pump. Toy gasoline pump.
Hydrostatic sand pump.
Pump. G. H. Woodard. 2,059,675; Nov. 3.
Pump for internal combustion engines, Fuel. F. B. Stearns. 2,059,758; Nov. 3.
Rack: *See*—
Cable rack. Grease gun carrier rack.
Radio goniometer. H. Chirelx. 2,059,315; Nov. 3.
Radio telephone system. W. P. Wilson and F. M. G. Murphy. 2,059,719; Nov. 3.
Rail joints in track, Repair of. G. Langford. 2,059,529; Nov. 3.
Rail lubricator. W. C. Heidenthal. 2,059,235; Nov. 3.
Range structure, Gas. B. Pratt and G. F. Weinreich. 2,059,534; Nov. 3.
Razor, Self-sharpening safety. T. J. Pilliod and F. C. Müller. 2,059,744; Nov. 3.
Reactive compounds of unsaturated oil and producing the same. J. S. Long and G. F. Beal. 2,059,260; Nov. 3.
Receptacle closure. F. Cavuoti. 2,059,932; Nov. 3.
Recording device. C. W. La Pierre. 2,059,879; Nov. 3.
Rectification, Method of. R. N. Shiras. 2,059,494; Nov. 3.
Reel: *See*—
Fishing reel.
Reel for adhesive tape and the like. H. W. Rueger. 2,069,709; Nov. 3.
Reenforced clutch ring. J. A. Glick. 2,059,576; Nov. 3.
Refrigerating apparatus. J. L. Gibson. 2,059,942; Nov. 3.
Refrigerating apparatus. R. E. Gould. 2,059,992; Nov. 3.
Refrigerating apparatus. H. R. Loranger. 2,059,593; Nov. 3.
Refrigerating apparatus. R. E. Robillard. 2,059,970; Nov. 3.
Refrigerating machine. L. W. Atchison. 2,059,840; Nov. 3.
Refrigeration. S. M. Bäckström. 2,059,841; Nov. 3.
Refrigeration. W. Kögel. 2,059,877; Nov. 3.
Refrigeration. W. G. Kögel and N. E. Widell. 2,059,876; Nov. 3.
Refrigerator. P. Köhler. 2,059,878; Nov. 3.
Refrigerator compressor. D. F. Newman. 2,059,894; Nov. 3.
Register. J. P. Harvell and E. A. Siye. 2,059,341; Nov. 3.
Regulator: *See*—
Fluid pressure regulator. Pressure regulator.
Fuel pressure regulator.
Reproducing machine, Automatic pattern controlled. L. W. Wright. 2,059,505; Nov. 3.
Resin product and process, Synthetic. P. M. Hennegan and R. A. Swain. 2,059,791; Nov. 3.
Resins, Production of molding. K. M. Irey and L. C. Swallen. 2,059,526; Nov. 3.
Resins, Synthetic. C. Coolidge. 2,059,850; Nov. 3.
Resins, Synthetic. G. D. Graves. 2,059,943; Nov. 3.
Resinous product, Synthetic. W. Baird and R. Hill. 2,059,842; Nov. 3.
Resistance unit. J. H. Hertner. 2,059,349; Nov. 3.
Ribbon, Ornamental. J. R. Sexton and J. A. Vivari. 2,059,285; Nov. 3.
Rim and quick detachable section. E. A. Corbin, Jr. 2,059,851; Nov. 3.
Ring: *See*—
Reenforced clutch ring.
Ring ensemble, Locked. J. Granat. 2,059,228; Nov. 3.
Road sanding mechanism. C. H. Johnson. 2,059,950; Nov. 3.
Roll and protector. J. C. Nichols. 2,059,267; Nov. 3.
Roll, Coated rolling mill. J. E. Montgomery and P. E. Jones. 2,059,384; Nov. 3.
Roller picking machine for spinning frames. S. A. Floyd. 2,059,571; Nov. 3.
Roof construction, Car. G. G. Gilpin. 2,059,690; Nov. 3.
Roof construction, Wide span. G. S. Nelson. 2,059,477; Nov. 3.
Roofing element and assembly thereof. N. P. Harshberger. 2,059,234; Nov. 3.
Rubber and making the same. A. K. Epstein and B. R. Harris. 2,059,448; Nov. 3.
Rubber compositions. T. and S. Arnold. 2,059,430; Nov. 3.

Rubber manufacture. J. W. Schade. 2,059,284; Nov. 3.
Rubber, Sheet. E. G. Bird. 2,059,203; Nov. 3.
Rule, Combination drafting and computing. A. Svensson. 2,059,289; Nov. 3.
Safety device. J. T. Emslie. 2,059,324; Nov. 3.
Safety or indicating device, Liquid flow operated. H. A. Ewen. 2,059,782; Nov. 3.
Sampler. W. S. Rainville, Sr. 2,059,990; Nov. 3.
Scaffold, Safety window. J., S., and H. Ment. 2,059,739; Nov. 3.
Screen and supporting frame therefor, Picture projection. H. J. Schlacks. 2,059,402; Nov. 3.
Seal for advertising matter. B. H. Ziehler. 2,059,427; Nov. 3.
Sealing composition. F. Stevens. 2,059,409; Nov. 3.
Sealing device. E. S. Clark. 2,059,775; Nov. 3.
Seat connecting device. P. Cavitt. 2,059,848; Nov. 3.
Self-priming impeller pump. A. C. Stratton. 2,059,288; Nov. 3.
Selfseating valve. A. C. Feld. 2,059,684; Nov. 3.
Sensitive photographic element. E. J. Ward. 2,059,829; Nov. 3.
Separator. J. E. Watson. 2,059,673; Nov. 3.
Sewage control system. F. B. Filio. 2,059,635; Nov. 3.
Sewage disposal. N. Statham. 2,059,286; Nov. 3.
Sewing machine. J. Gouldbourn and T. A. Kestell. 2,059,227; Nov. 3.
Shade and curtain hanger, Combined. A. Thompson. 2,059,665; Nov. 3.
Shingle and forming the same. N. P. Harshberger. 2,059,233; Nov. 3.
Shock absorber for straight knitting machines. K. O. Waechtler and H. M. Suess. 2,059,667; Nov. 3.
Shoe and manufacturing the same. E. E. Murphy. 2,059,386; Nov. 3.
Shoe, Jingle dancing. E. Landi. 2,059,952; Nov. 3.
Shoe press. E. A. Willey. 2,059,831; Nov. 3.
Shoes, Making. L. J. Bazzoni. 2,059,303; Nov. 3.
Shoes, Method of and machine for use in the manufacture of prewelted. K. Engel. 2,059,218; Nov. 3.
Shower construction. N. Schooler. 2,059,614; Nov. 3.
Shutter actuating mechanism. A. Nagel. 2,059,892; Nov. 3.
Shuttle cock. R. C. Booth. 2,059,930; Nov. 3.
Shuttle eye, Self-threading. P. L. Spencer. 2,059,756; Nov. 3.
Side and platform for cars, Combined. A. C. Mather. 2,059,737; Nov. 3.
Sifting device. E. Schneider and K. Blum. 2,059,814; Nov. 3.
Sign: *See*—
Changeable sign. Neon sign.
Signal: *See*—
Audible road signal. Portable safety signal.
Signal means for rail cars. A. O. Williams. 2,059,718; Nov. 3.
Signals, Transmission and registration of. E. Zoller and J. Villiger. 2,059,298; Nov. 3.
Silk, Manufacture of artificial. P. Esselmann and K. Kösslinger. 2,059,632; Nov. 3.
Silver halide developing emulsions durably free from grey and yellow fogging and of durable quality, Manufacturing photographic. B. Kankelwitz. 2,059,642; Nov. 3.
Sleet and ice on windshields, Device for melting. H. E. French. 2,059,224; Nov. 3.
Slip. M. C. Hennessy. 2,059,865; Nov. 3.
Slope wave generator. P. T. Farnsworth and H. R. Lubcke. 2,059,219; Nov. 3.
Sludge formation in lubricating oils, Prevention of. E. A. Evans. 2,059,567; Nov. 3.
Soap, Purifying mahogany. M. H. Arveson. 2,059,838; Nov. 3.
Socket for shoe cleats, Attaching. H. D. Driscoll. 2,059,779; Nov. 3.
Soil conditioner. C. Peter. 2,059,599–600; Nov. 3.
Solder, Aluminium. F. Strasser. 2,059,497; Nov. 3.
Soldering and sealing machine, Automatic. P. E. Cate. 2,059,931; Nov. 3.
Sole-affixing machine. W. C. Card, Jr. 2,059,847; Nov. 3.
Soles, Apparatus for operating on. L. J. Bazzoni. 2,059,768; Nov. 3.
Sound on film, Apparatus and method for recording. S. C. Whitman. 2,059,504; Nov. 3.
Sound recording system. H. E. Metcalf. 2,059,472–3; Nov. 3.
Sound reproducing apparatus. L. J. Bobb. 2,059,929; Nov. 3.
Sounds, Process and apparatus for the reproduction and recording of. G. Champion. 2,059,550; Nov. 3.
Spark plug. W. E. Letterman. 2,059,257; Nov. 3.
Speed equalizer, Motor. H. R. Hustad. 2,059,641; Nov. 3.
Spindle, Spinning. E. H. Hull. 2,059,872; Nov. 3.
Splitting machine. O. A. Hawkins. 2,059,790; Nov. 3.
Sponge rubber articles, Making. W. S. Robinson. 2,059,278; Nov. 3.
Spool. E. A. Schuster. 2,059,752; Nov. 3.
Spool for typewriting, computing, and like machines, Tally winding. N. A. Jung. 2,059,242; Nov. 3.
Spray device for use in mines. H. Hixon, Sr. 2,059,639; Nov. 3.
Spreader, Gravity sand and gravel. W. E. Broome. 2,059,548; Nov. 3.
Spring clip. H. A. Hoke. 2,059,352; Nov. 3.
Spring friction device. E. W. Webb. 2,059,503; Nov. 3.
Springing arrangement for vehicles. K. Babe. 2,059,908; Nov. 3.
Stand: *See*—
Display stand.
Starter control, Semiautomatic. M. P. Ferguson and P. H. Maurer. 2,059,328; Nov. 3.
Starting system. A. D. Dowd. 2,059,564; Nov. 3.
Statistical machines, Sensing pin box for record car controlled. A. Thomas. 2,059,293; Nov. 3.
Steam, Apparatus for the generation of. O. Hartmann. 2,059,946; Nov. 3.
Steam purification. J. E. Wood. 2,059,544; Nov. 3.
Steel, Treating. G. A. Lyon. 2,059,468; Nov. 3.
Stoker conveyer. O. Moeller. 2,059,705; Nov. 3.
Stove or range. E. F. Kennedy. 2,059,735; Nov. 3.
Strainer. A. C., T. M., and W. B. Flavis. 2,059,636; Nov. 3.
Stranded ribbon hanger. J. E. Talbott. 2,059,825; Nov. 3.
Stretcher strain remover. A. F. Hanson. 2,059,993; Nov. 3.
Stuffing box. F. C. Kniss. 2,059,798; Nov. 3.
Subways, Constructing. W. Caccia. 2,059,774; Nov. 3.
Supervisory control system. H. P. Boswau. 2,059,204; Nov. 3.
Support: *See*—
Fixture support. Furniture support.
Supporting bracket. J. Weiss. 2,059,921; Nov. 3.
Suspension for vehicles. J. A. Dorst. 2,059,212; Nov. 3.
Sweeper brush drive and control mechanism, Carpet. F. W. Pullen. 2,059,907; Nov. 3.
Swift. F. Mossberg. 2,059,741; Nov. 3.
Swing. M. E. Denney. 2,059,777; Nov. 3.
Switch: *See*—
Electric switch. Electromagnetic switch.
Switching device. H. J. L. Frank. 2,059,513; Nov. 3.
Table: *See*—
Obstetric table.
Tabulating machine. W. W. Lasker. 2,059,252; Nov. 3.
Tabulating machine. J. H. Rand, Jr. and W. W. Lasker. 2,059,277; Nov. 3.
Tabulator. E. L. Kirkegaard. 2,059,797; Nov. 3.
Target. A. Straka. 2,059,918; Nov. 3.
Telephone call distributing system. J. Meszar. 2,059,596; Nov. 3.
Telephone, Hand. H. Sengebusch. 2,059,714; Nov. 3.
Television apparatus. R. A. Fessenden. 2,059,222; Nov. 3.
Television system. R. A. Fessenden. 2,059,221; Nov. 3.
Temperature of contents of bottles, Regulating. C. H. Wildman, B. T. Lindell, and P. F. Seibold. 2,059,297; Nov. 3.
Tennis rocket. V. Spencer. 2,059,917; Nov. 3.
Tent. D. Kemp. 2,059,463; Nov. 3.
Tester, Oil. J. A. Logan and L. F. Spear. 2,059,374; Nov. 3.
Testing machine. M. T. Thorsson. 2,059,761; Nov. 3.
Textile apparatus. A. S. Cockerham. 2,059,849; Nov. 3.
Textile fabric, Mixed. L. W. Weinberg. 2,059,422; Nov. 3.
Thermocouple. J. A. Obermaier. 2,059,480; Nov. 3.
Thermometer, Oven. G. E. Pickup. 2,059,272; Nov. 3.
Thermostat for fire alarm systems. F. J. Gilbane. 2,059,689; Nov. 3.
Thread-carrier rails of flat framework knitting machines, Operating mechanism for the. A. Loimann. 2,059,375; Nov. 3.
Throttle, Deicing. R. F. Gagg. 2,059,087; Nov. 3.
Throttle valve. L. Kimball. 2,059,363–4; Nov. 3.
Tie and band and fastening the same, Bale. J. V. Prestwich. 2,059,906; Nov. 3.
Timing apparatus. H. J. Atticks. 2,059,925; Nov. 3.
Tire, Pneumatic. E. G. Budd. 2,059,982; Nov. 3.
Tire, Pneumatic. F. Zerillo. 2,059,764; Nov. 3.
Toaster. S. F. Rebora. 2,059,911; Nov. 3.
Toaster, Electric. W. B. Connolly and A. O. Samuels. 2,059,440; Nov. 3.
Tool: *See*—
Cutting tool. Valve reseating tool.
Tool and tool holder. J. H. Smith. 2,059,496; Nov. 3.
Tool control, Well. W. C. Erwin and C. H. Sweet. 2,059,628; Nov. 3.
Tooth brush. G. S. Rosenberg. 2,059,914; Nov. 3.
Tooth brush, Rotating. A. H. Flournoy. 2,059,330; Nov. 3.
Tooth paste dispensing device. F. Peddle, W. C. Bentley, and S. N. Israel. 2,059,391; Nov. 3.
Torque mechanism. P. A. Kinzie. 2,059,366; Nov. 3.
Toy. C. J. Ekberg. 2,059,447; Nov. 3.
Toy bombing plane. L. T. E. Thompson. 2,059,418; Nov. 3.
Toy building construction. N. I. Paulson. 2,059,598; Nov. 3.
Toy gasoline pump. W. J. Pflaum. 2,059,602; Nov. 3.
Toy telephone. W. J. Pflaum. 2,059,603; Nov. 3.
Tracing device, more especially for cutting machines. D. L. Smith. 2,059,755; Nov. 3.
Track circuit apparatus, Railway. P. N. Martin. 2,059,888; Nov. 3.
Track for laying vehicles. H. A. Knox. 2,059,247; Nov. 3.
Track for motor vehicles, Elevated. W. L. Hamilton. 2,059,693; Nov. 3.
Track tensioning device. J. A. Dorst. 2,059,213; Nov. 3.

Tractor, Farm. P. M. Marshall. 2,059,261; Nov. 3.
Tractor power lift and implement. H. E. Altgelt. 2,059,676; Nov. 3.
Transmission. E. L. Friedlein. 2,059,517; Nov. 3.
Transmission. C. W. Weiss. 2,059,423; Nov. 3.
Trap: *See*—
Animal trap. Gopher trap.
Trap. C. D. Ellis. 2,059,937; Nov. 3.
Tray. A. R. Lofstrand, Jr. 2,059,258; Nov. 3.
Tray supporting and tilting device, Egg. W. G. Schlottmann. 2,059,751; Nov. 3.
Tree caliper. R. J. Hinson. 2,059,580; Nov. 3.
Trim assembly. M. Stubnitz. 2,059,498; Nov. 3.
Triphenylphosphate, Refining of crude. M. J. Reid. 2,059,912; Nov. 3.
Truck, Church. A. H. Dolge. 2,059,320; Nov. 3.
Truck, Scientific snow removal and self loading. L. Simon. 2,059,818; Nov. 3.
Tube: *See*—
Discharge tube.
Tube for nonrenewable fuses. A. E. Blanchet. 2,059,507; Nov. 3.
Tubes or the like, Manufacture of pressed. A. Lloyd. 2,059,373; Nov. 3.
Tubing, Electric welding of. W. Sykes. 2,059,824; Nov. 3.
Tuner, Short wave. J. Yolles. 2,059,299; Nov. 3.
Turbine, Hydraulic. A. Pfau. 2,059,650; Nov. 3.
Two-card sorting mechanism. E. R. Myers. 2,059,265; Nov. 3.
Typewriter, accounting machine, and punch, Combined. W. W. Lasker. 2,059,253; Nov. 3.
Typewriting machine. H. L. Pitman. 2,059,275; Nov. 3.
Typewriting machine. J. A. B. Smith. 2,059,615; Nov. 3.
Typewriting machine, Power-driven. A. Salzberger and R. Baumgarten. 2,059,537; Nov. 3.
Ultrashort wave receiving system. H. O. Peterson and R. W. George. 2,059,601; Nov. 3.
Upholstering device for cushions. C. S. Reed. 2,059,655; Nov. 3.
Utensil with removable immersible electrical heating unit, Cooking. J. P. Colbourn. 2,059,995; Nov. 3.
Vacuum control device for engines. J. C. A. Straub and H. S. Manwaring. 2,059,410; Nov. 3.
Valve: *See*—
Butterfly valve. Selfseating valve.
Float valve. Throttle valve.
Valve. F. R. Goehring. 2,059,991; Nov. 3.
Valve combination for hydraulic brakes, Fluid distributing and bleeder. C. Sauzedde. 2,059,281; Nov. 3.
Valve control, Automatic. B. M. Stubblefield, L. R. Thomas, and E. S. Harrar. 2,059,411; Nov. 3.
Valve for plumbing fixtures, Flow regulating control. J. M. Teahen. 2,059,760; Nov. 3.
Valve for toilet tanks, Flush. A. Rosewood. 2,059,749; Nov. 3.
Valve mechanism, Back pressure. O. M. Davis. 2,059,443; Nov. 3.
Valve reseating tool. B. McKenna. 2,059,383; Nov. 3.
Valve seat member. A. A. Lane. 2,059,370; Nov. 3.
Vanity case construction. F. Spitalny. 2,059,821; Nov. 3.
Vault, Burial. P. C. Friedel and H. J. Kobe. 2,059,941; Nov. 3.
Vehicle brake. A. E. Roberts. 2,059,913; Nov. 3.
Vehicle construction. H. J. Edwards. 2,059,626; Nov. 3.
Vehicle frame adjusting means, Motor. R. D. Smith and F. J. Fransen. 2,059,972; Nov. 3.
Vehicle, Motor. F. C. Best. 2,059,305; Nov. 3.
Vehicle, Motor. V. W. Kliesrath. 2,059,245–6; Nov. 3.
Vehicle, Railway. D. S. Barrows. 2,059,963; Nov. 3.
Vehicle structure. H. J. Dillon. 2,059,854; Nov. 3.
Vehicle, Wheeled. M. H. Tuft. 2,059,419; Nov. 3.
Velvet and pile fabric and making same. H. R. Bodell. 2,059,309; Nov. 3.
Ventilating system for vehicle bodies. B. A. Woina. 2,059,924; Nov. 3.
Ventilator unit. W. H. Shortlidge. 2,059,616; Nov. 3.
Verifier. R. E. Page. 2,059,805; Nov. 3.
Vibrator. W. T. Shaler. 2,059,754; Nov. 3.
Voice coil suspension. F. Cutting. 2,059,209; Nov. 3.
Vulcanizing or similar press. C. Macbeth. 2,059,883; Nov. 3.
Wash boiler. E. F. Girod. 2,059,691; Nov. 3.
Washing compound. A. A. Fowler and R. M. Otis. 2,059,449; Nov. 3.
Washing machine drive mechanism. R. R. Miller. 2,059,264; Nov. 3.
Water and dissolving calcium salts, Softening. A. H. Fiske and C. S. Bryan. 2,059,570; Nov. 3.
Water and temperature regulator for motors. R. F. Smith. 2,059,916; Nov. 3.
Water for mashing processes, Standardizing. K. P. McElroy. 2,059,645; Nov. 3.
Water heater, Hot. T. H. Piser. 2,059,274; Nov. 3.
Water passover. O. G. Beck. 2,059,927; Nov. 3.
Water, Softening. H. V. Churchill. 2,059,552; Nov. 3.
Water supply apparatus, Domestic. C. E. Ralph. 2,059,909; Nov. 3.
Web handling apparatus. W. S. Aiken. 2,059,979; Nov. 3.
Weed cutter. L. J. Haager. 2,059,731; Nov. 3.
Weft-feeder for weaving looms with continuous weft feeding. R. Dewas. 2,059,726; Nov. 3.
Welding device. R. E. Powell. 2,059,605; Nov. 3.
Well cleaning device. V. F. Ehrgott. 2,059,566; Nov. 3.
Well cleaning device. W. C. Erwin. 2,059,630–1; Nov. 3.
Well cleaning device. W. C. Erwin and C. H. Sweet. 2,059,627; Nov. 3.
Well cleaning device. J. J. Santiago. 2,059,611; Nov. 3.
Well liner and the like, Self-cleaning. F. E. Fairfield. 2,059,939; Nov. 3.
Well packer. B. E. Parrish. 2,059,901; Nov. 3.
Well rig, Oil. W. B. Fultz. 2,059,333; Nov. 3.
Wells with acids, Treating. W. J. Hund, A. G. Loomis, and S. E. Lambert, Jr. 2,059,459; Nov. 3.
Wetting device. W. H. Rose. 2,059,748; Nov. 3.
Wheel: *See*—
Car wheel.
Wheel aligner, Automatic. R. D. Smith. 2,059,973–5; Nov. 3.
Wheel grinding device, Car. H. A. Leonhauser. 2,059,590; Nov. 3.
Wheel spider, Hydraulic braking. C. Sauzedde. 2,059,282; Nov. 3.
Wheels, Making metal. J. L. Hecht. 2,059,346; Nov. 3.
Windmill. A. E. James. 2,059,356; Nov. 3.
Window, Ventilating. J. W. Greig. 2,059,452; Nov. 3.
Windshield cleaner. G. Dykstra. 2,059,509; Nov. 3.
Windshield cleaner. H. Hueber and E. C. Horton. 2,059,354; Nov. 3.
Windshield cleaning system. J. R. Oishei and W. J. Chellew. 2,059,481; Nov. 3.
Wiper blade. W. Paulus. 2,059,484; Nov. 3.
Work holding machine. G. A. Carlson. 2,059,437; Nov. 3.
Yarn winding machine. L. H. Leedham. 2,059,589; Nov. 3.
Yeast, Manufacture of. W. G. Bennett. 2,059,980; Nov. 3.
Zero-setting device for registers. E. H. Bradley. 2,059,433; Nov. 3.
Zinc sulphide. R. K. Waring. 2,059,421; Nov. 3.

CLASSIFICATION OF PATENTS

ISSUED NOVEMBER 3, 1936

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48: 2,059,368
68: 2,059,412
77: 2,059,873
83: 2,059,317
93: 2,059,344
112: 2,059,250
2,059,253
120: 2,059,367
166— 5: 2,059,939
19: 2,059,538
2,059,566
2,059,611
2,059,627
2,059,628
2,059,629
2,059,630
2,059,631
20: 2,059,443
21: 2,059,459
2,059,901
167— 65: 2,059,202
82: 2,059,811
93: 2,059,396
169— 11: 2,059,189
2,059,190
31: 2,059,969
170— 12: 2,059,356
160: R. 20,159
171— 34: 2,059,594
2,059,742
2,059,743
97: 2,059,780
119: 2,059,393
209: 2,059,518
2,059,745
2,059,886
172— 246: 2,059,738
282: 2,059,271
173— 251: 2,059,899
264: 2,059,280
313: 2,059,456
328: 2,059,283
332: 2,059,926
175— 41.5: 2,059,816
294: 2,059,194
2,059,836
2,059,885
363: 2,059,832
371: 2,059,989
176— 58: 2,059,668
122: 2,059,640
126: 2,059,902
177— 311: 2,059,350
314: 2,059,757
351: 2,059,549
353: 2,059,204
2,059,896
355: 2,059,510
178— 5: R. 20,153
6: 2,059,219
2,059,221
2,059,222
44: 2,059,389
69.5: 2,059,564
88: 2,059,562
179— 1: 2,059,719
5.5: 2,059,298
27: 2,059,596
100.3: 2,059,472
2,059,473
2,059,550
103: 2,059,714
115.5: R. 20,155
2,059,209
171: 2,059,863
182: 2,059,588
184: 2,059,545
180— 9.1: 2,059,261
12: 2,059,854

180—	64:	2,059,245	200—	138:	2,059,689	221—	69:	2,059,907	244—	11:	2,059,528	259—	110:	2,059,604	273—	73:	2,059,917
	69:	2,059,626		153:	2,059,712		84:	2,059,704		12:	2,059,610	260—	2:	2,059,260		106:	2,059,378
181—	0.5:	2,059,898		166:	2,059,670		95:	2,059,210		30:	2,059,492		3:	2,059,609			2,059,930
	31:	2,059,929			2,059,702			2,059,442		155:	2,059,634			2,059,943	274—	47:	2,059,263
	41:	2,059,487	201—	48:	2,059,813		102:	2,059,965	246—	34:	2,059,718		4:	2,059,526	275—	2:	2,059,950
182—	9:	2,059,844		69:	2,059,349		104:	2,059,608		41:	2,059,888		8:	2,059,842		14:	2,059,548
	22:	2,059,733	202—	15:	2,059,734	223—	38:	2,059,335	247—	1:	2,059,217			2,059,850	277—	31:	2,059,363
	26:	2,059,635	204—	9:	2,059,542			2,059,336		3:	2,059,986		13:	2,059,195			2,059,364
183—	80:	2,059,521		19:	2,059,543		52.1:	2,059,606			2,059,987			2,059,196	279—	93:	2,059,496
		2,059,814			2,059,750		68:	2,059,338			2,059,988		21:	2,059,579	280—	6:	2,059,205
	110:	2,059,673	206—	29:	2,059,392		99:	2,059,680	248—	38:	2,059,921		53:	2,059,852		80:	2,059,419
184—	3:	2,059,235		47:	2,059,784	224—	1:	2,059,949	248—	61:	2,059,825		84:	2,059,435		90:	2,059,973
	105:	2,059,701		59:	2,059,267	226—	22:	2,059,432		73:	2,059,429		60:	2,059,476		95:	2,059,974
188—	78:	2,059,913	208—	115:	2,059,699		82:	2,059,931		174:	2,059,823		61:	2,059,646			2,059,975
	79.5:	2,059,270	209—	91:	2,059,776		116:	2,059,455		223:	2,059,858			2,059,647		106.5:	2,059,246
	152:	2,059,281		110:	2,059,265	229—	16:	2,059,382		195:	2,059,525		92:	2,059,512		152:	2,059,305
		2,059,282			2,059,293		52:	2,059,643		358:	2,059,312		95:	2,059,903	283—	6:	2,059,427
	171:	2,059,244	210—	2:	2,059,286		84:	2,059,621			2,059,313		99.20:	2,059,912	285—	119:	2,059,573
	222:	2,059,225		16:	2,059,552	230—	30:	2,059,894	249—	62:	2,059,514		102:	2,059,380			2,059,775
189—	1:	2,059,332			2,059,553		152:	2,059,675	250—	8:	2,059,321			2,059,381		122:	2,059,920
	34:	2,059,565		23:	2,059,570	233—	22:	2,059,372		11:	2,059,315		106:	2,059,273	286—	16:	2,059,798
	92:	2,059,502		76:	2,059,191	235—	1:	2,059,580		20:	2,059,279		109:	2,059,466	290—	4:	2,059,651
192—	.01:	2,059,641			2,059,461		27:	2,059,652			2,059,601		122:	2,059,201		37:	2,059,328
	66:	2,059,935		77:	2,059,909		58:	2,059,198			2,059,870			2,059,232		38:	2,059,624
	107:	2,059,576		131:	2,059,358			2,059,251		27:	2,059,581		128:	2,059,800	292—	127:	2,059,479
	133:	2,059,324		159:	2,059,636			2,059,252		27.5:	2,059,575		141:	2,059,462		228:	2,059,302
	150:	2,059,366	211—	60:	2,059,445			2,059,277			2,059,809		146:	2,059,326		262:	2,059,692
196—	8:	2,059,494	213—	7:	2,059,962		69:	2,059,289			2,059,810		152:	2,059,619		281:	2,059,369
	19:	2,059,837	214—	8.5:	2,059,546		92:	2,059,797		33:	2,059,869		156:	2,059,495		352:	2,059,319
	23:	2,059,469		132:	2,059,660		98:	2,059,398		36:	2,059,587		159:	2,059,838	294—	11:	2,059,439
	49:	2,059,290	215—	14:	2,059,568		100:	2,059,936			2,059,683	261—	9:	2,059,874	295—	11:	2,059,256
		2,059,291		31:	2,059,910		144:	2,059,341		40:	2,059,299		15:	2,059,408		31:	2,059,982
	50:	2,059,527		38:	2,059,707			2,059,433		41.5:	2,059,786		41:	2,059,657	296—	28:	2,059,866
	53:	2,059,522		65:	2,059,395		145:	2,059,458	251—	11:	2,059,656		85:	2,059,269		44:	2,059,924
	62:	2,059,625		71:	2,059,932	236—	44:	2,059,846			2,059,687		99:	2,059,268		47:	2,059,452
197—	17:	2,059,537		75:	2,059,685		68:	2,059,362		48:	2,059,991		103:	2,059,637	299—	140:	2,059,639
	22:	2,059,574	217—	99:	2,059,684	238—	164:	2,059,529		123:	2,059,531	262—	22:	2,059,415			2,059,706
	102:	2,059,615	219—	1:	2,059,236	240—	3.1:	2,059,361		139:	2,059,760	263—	6:	2,059,794	300—	21:	2,059,530
	103:	2,059,882		6:	2,059,300		10.66:	2,059,977		167:	2,059,370	265—	15:	2,059,761	304—	27:	2,059,739
	133:	2,059,215			2,059,824		48.4:	2,059,762	253—	114:	2,059,648	266—	3:	2,059,976	305—	3:	2,059,212
	138:	2,059,214		8:	2,059,438		78:	2,059,868		117:	2,059,650	267—	9:	2,059,503		8:	2,059,213
	186:	2,059,275			2,059,605	242—	27:	2,059,589	255—	11:	2,059,333		11:	2,059,434		10:	2,059,247
198—	15:	2,059,705		19:	2,059,440		55:	2,059,879		27:	2,059,540		54:	2,059,352	308—	26:	2,059,891
200—	50:	2,059,513			2,059,699		71:	2,059,859		45:	2,059,491		57:	2,059,908		241:	2,059,856
	51:	2,059,926			2,059,911			2,059,860	257—	1:	2,059,231	268—	130:	2,059,436	309—	16:	2,059,713
	81:	2,059,782		43:	2,059,995		74:	2,059,242		70:	2,059,839	271—	2.2:	2,059,979		34:	2,059,728
	101:	2,059,306	220—	9:	2,059,593		84.5:	2,059,519		223:	2,059,967		2.3:	2,059,199		37:	2,059,729
	113:	2,059,681		15:	2,059,318			2,059,763		246:	2,059,992			2,059,342	311—	92:	2,059,957
	118:	2,059,890		55:	2,059,821		84.6:	2,059,765		248:	2,059,959		9:	2,059,677	312—	140:	2,059,922
	121:	2,059,985		85:	2,059,861		110:	2,059,741	259—	10:	2,059,485		61:	2,059,254		162:	2,059,994
	126:	2,059,796	221—	47.4:	2,059,446		118:	2,059,752		72:	2,059,572		87:	2,059,960		174:	2,059,700
	134:	2,059,467		60:	2,059,391		123:	2,059,709			2,059,239	273—	26:	2,059,365			

U. S. GOVERNMENT PRINTING OFFICE: 1936

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Am-Bro Company, The, Lawton, Okla. Preparation for the relief of hay fever, asthma, and head colds. Serial No. 381,252; Nov. 10. Class 6.

American Distributors, Inc., Baltimore, Md. Whiskey. Serial No. 379,284; Nov. 10. Class 49.

American Newspapers, Inc., New York, N. Y. Newspaper section. Serial No. 377,626; Nov. 10. Class 38.

American Sand-Banum Co. Inc., New York, N. Y. Boiler scale compounds. Serial No. 378,968; Nov. 10. Class 6.

Angell, Albert, doing business as Glenayre Feeds, Burlington, Wis. Poultry feeds. Serial No. 382,259; Nov. 10. Class 46.

Arizona Producer Publishing Company, Phoenix, Ariz. Periodical. Serial No. 382,613; Nov. 10. Class 38.

Art Mosaic & Tile Company, The, Toledo, Ohio. Ingredients for terrazzo and mosaic surface structures. Serial No. 381,186; Nov. 10. Class 12.

Ault-Williamson Shoe Co., Auburn, Maine. Shoes. Serial No. 381,253; Nov. 10. Class 39.

Automotive Retailer Publishing Corporation, New York, N. Y. Periodical. Serial No. 377,733; Nov. 10. Class 38.

Avery, Henry C., Philadelphia, Pa. Mats for facilitating the growth of plants. Serial No. 380,743; Nov. 10. Class 50.

Awad, John E., doing business as John E. Awad Chemical Co., Newark, N. J. Carroting composition for treating furs. Serial No. 382,654; Nov. 10. Class 6.

Barnes & Leverette, Medford, Oreg. Canned fruits and fresh deciduous fruits. Serial No. 379,598; Nov. 10. Class 46.

Barr, L. Stewart, Washington, D. C. Stamp collector's publications. Serial No. 382,374; Nov. 10. Class 38.

Beardsley & Wolcott Manufacturing Company, The, Waterbury, Conn. Electric curling irons. Serial No. 380,431; Nov. 10. Class 21.

Beatrice Creamery Company, Chicago, Ill. Frozen confections. Serial No. 383,050; Nov. 10. Class 46.

Beckerman & Monasson, Inc., New York, N. Y. Fur coats, fur capes, fur collars, etc. Serial No. 379,730; Nov. 10. Class 39.

Beech-Nut Packing Company, Canajoharie, N. Y. Candy. Serial No. 383,082; Nov. 10. Class 46.

Belinson, Meyer, Buffalo, N. Y. Coal and coke. Serial No. 376,373; Nov. 10. Class 1.

Bell, Ralph, San Francisco, Calif. Chemical preparation. Serial No. 380,747; Nov. 10. Class 6.

Belle Knitting Corp., New York, N. Y. Children's underwear. Serial No. 380,611; Nov. 10. Class 39.

Bellows & Company, Inc., New York, N. Y. Whiskey. Serial No. 383,117; Nov. 10. Class 49.

Bertotti, John, doing business as J. Bertotti and Company, Detroit, Mich. Macaroni, spaghetti, and macaroni and spaghetti products. Serial No. 381,397; Nov. 10. Class 46.

Bestov Products, Inc., New York, N. Y. Malt chocolate mixture in powder form. Serial No. 382,903; Nov. 10. Class 46.

Biltmore Manufacturing Company, The, Cincinnati, Ohio. Automobile seat covers. Serial No. 383,345; Nov. 10. Class 32.

Blanche's Tuf Aid. (See McQuiller, Blanche.)

Botany Worsted Mills, Passaic, N. J. Packages containing cut lengths of piece goods and art needlework yarns for making articles of wearing apparel. Serial No. 381,523; Nov. 10. Class 40.

Brix-Impexo Corporation, Chicago, Ill. Concentrate of fruit treated by a secret process. Serial No. 382,858–60; Nov. 10. Class 6.

Buscarlet Glove Company Inc., New York, N. Y. Leather gloves. Serial No. 382,113; Nov. 10. Class 39.

California Pea Products, Inc., Fullerton, Calif. Canned vegetables, canned vegetable juices. Serial No. 383,718; Nov. 10. Class 46.

Carroon & Company, Fowler, Ind. Tomato juice. Serial No. 380,756; Nov. 10. Class 46.

Carter Macy Tea and Coffee Co., Inc., New York, N. Y. Tea. Serial No. 382,820; Nov. 10. Class 46.

Casares, Manuel Z., Qucatan, Mexico. Binder twine, rope, and cords. Serial No. 377,773; Nov. 10. Class 7.

Chamberlin Metal Weatherstrip Company, Detroit, Mich. Rock wool used as an insulation for buildings. Serial No. 382,821; Nov. 10. Class 12.

Chapman, Harry J., doing business as Chappy Craft Industries, Chelsea, Mich. Board game. Serial No. 382,938; Nov. 10. Class 22.

Chappy Craft Industries. (See Chapman, Harry J.)

Charles, Peter, Nail Polish Co., New York, N. Y. Finger nail preparation. Serial No. 381,121; Nov. 10. Class 6.

Club Razor & Blade Manufacturing Corporation, Newark, N. J. Razor blades. Serial No. 383,348; Nov. 10. Class 23.

Cohn, Nat, doing business as Modern Vending Company, New York, N. Y. Coin operated vending and amusement devices. Serial No. 382,343; Nov. 10. Class 23.

Cribari, B., & Sons, Inc., San Jose, Calif. Grape brandy. Serial No. 383,768; Nov. 10. Class 49.

Crown Willamette Paper Company, San Francisco, Calif. Wrapping paper. Serial No. 383,260; Nov. 10. Class 37.

Cuyahoga Merchandising Company, The, Cleveland, Ohio. Cleaning compound. Serial No. 379,831; Nov. 10. Class 4.

Czachorski, Roman A., doing business as Ulco Laboratories, Flint, Mich. Preparation for the relief of acid stomach, heartburn, etc. Serial No. 383,353; Nov. 10. Class 6.

Dean & Sherk Co., Incorporated, Lawrenceburg, Ky. Container for sewing thread. Serial No. 376,946; Nov. 10. Class 2.

Dixie Stores, Incorporated, Greenville, S. C. Wheat flour. Serial No. 382,908; Nov. 10. Class 46.

Easling, Newton P., Pekin, Ill. Insect proofing paint. Serial No. 383,089; Nov. 10. Class 16.

Electro-Acoustic Products Company, Fort Wayne, Ind. Electric phonograph, machines, amplifier, turn table, etc. Serial No. 379,188; Nov. 10. Class 36.

Empire State Wine Co., Inc., Penn Yan, N. Y. Wines. Serial No. 373,250; Nov. 10. Class 47.

Eppens, Smith Company, Inc., New York, N. Y. Coffee. Serial No. 382,947; Nov. 10. Class 46.

Eppley Laboratory, Inc., The, Newport, R. I. Pyrometer standard cells. Serial No. 382,790; Nov. 10. Class 26.

Faber, Eberhard, Pencil Company, Brooklyn, N. Y. Lead pencils, colored and copying pencils, pencil holders, etc. Serial No. 378,361; Nov. 10. Class 37.

Ferguson, Denver D., doing business as The Ferguson Manufacturing Company, Indianapolis, Ind. Printed tickets and coupons. Serial No. 379,739; Nov. 10. Class 38.

Filice & Perelli Canning Company, Inc., Richmond, Calif. Preparation made from various fruits, berries, and vegetables. Serial No. 383,618; Nov. 10. Class 46.

Fourco Glass Company, Clarksburg, W. Va. Sheet glass, flat glass, window glass, etc. Serial No. 381,610; Nov. 10. Class 33.

Fulton Bag & Cotton Mills, Atlanta, Ga. Waterproof cloth. Serial No. 374 516; Nov. 10. Class 50.

Geier, P. A., Company, The, Cleveland, Ohio. Electrically operated suction cleaners and parts thereof and attachments and accessories therefor. Serial No. 377,219; Nov. 10. Class 21.

Geier, P. A., Company, The, Cleveland, Ohio. Electrically operated suction cleaners. Serial No. 377,353; Nov. 10. Class 21.

Geigy Company, Inc., New York, N. Y. Chemicals adapted for tanning materials and chemical products suitable for tanning purposes. Serial No. 370,703; Nov. 10. Class 6.

General Cosmetics Corporation, New York, N. Y. Tooth paste. Serial No. 382,869; Nov. 10. Class 6.

General Dairy Products Co. (See Negri, Anton C.)

General Mills, Inc., Minneapolis, Minn. Cereal food products. Serial No. 379,928; Nov. 10. Class 46.

General Pencil Company, Jersey City, N. J. Wood cased pencils. Serial No. 382,717; Nov. 10. Class 37.

Gielow, J. J., & Sons, Inc., Detroit, Mich. Canned fruits and vegetables, salad dressing. Serial No. 377,392; Nov. 10. Class 46.

Gimbel Brothers, Inc., New York, N. Y. Suits and overcoats. Serial No. 383,503; Nov. 10. Class 39.

Glaser Bros., San Francisco, Calif. Gin liquors. Serial No. 372,134; Nov. 10. Class 49.

Glenayre Feeds. (See Angell, Albert.)

Goleta Lemon Association, Goleta, Calif. Fresh citrus fruits. Serial No. 378,201; Nov. 10. Class 46.

Grand Rapids Fibre Cord Co., doing business as Sackner Bag Co., Grand Rapids, Mich. Sacks or bags. Serial No. 376,200; Nov. 10. Class 2.

Gulf Oil Corporation of Pennsylvania, by change of name to Gulf Oil Corporation, Pittsburgh, Pa. Petroleum and its products. Serial No. 377,271; Nov. 10. Class 15.

Hawley Products Company, St. Charles, Ill. Hats. Serial No. 371,921; Nov. 10. Class 39.

Herbert Candy Company, Philadelphia, Pa. Candy. Serial No. 382,870; Nov. 10. Class 46.

Hi-Li Sales Co., Philadelphia, Pa. Game. Serial No. 380,103; Nov. 10. Class 22.

Hirsh, Abraham, Inc., New York, N. Y. Trimmings, ornaments, and buckles. Serial No. 381,310; Nov. 10. Class 40.

Huse, W. D., & Sons, Laconia, N. H. Meat cutting machines. Serial No. 383,434; Nov. 10. Class 23.

Indiana Steel & Wire Company, Muncie, Ind. Iron and steel wire. Serial No. 383,131; Nov. 10. Class 21.

Industrial Hosiery Mills, Inc., Mohnton, Pa. Stockings. Serial No. 381,812; Nov. 10. Class 39.

International Vacuum Cleaner Co. (See Lodge, James R.)

Isaacson, L., & Sons, Inc., New York, N. Y. Boys' suits. Serial No. 378,522; Nov. 10. Class 39.

Island Creek Coal Sales Company, Cincinnati, Ohio. Coal. Serial No. 382,474; Nov. 10. Class 1.
Johnson Educator Food Company, Cambridge, Mass. Biscuits and crackers. Serial No. 383,772; Nov. 10. Class 46.
Jud, Gus, Jamaica, N. Y. Newspaper comic strip. Serial No. 382,834; Nov. 10. Class 38.
Kimberly-Clark Corporation, Neenah, Wis. Shoe counter material in the nature of artificial leather. Serial No. 382,875; Nov. 10. Class 50.
Kirby, Block & Fischer, Inc., New York, N. Y. Razor blades. Serial No. 383,359; Nov. 10. Class 23.
Knapp-Monarch Company, doing business as Kwikway Company, St. Louis, Mo. Electric curling irons, whippers, food mixers, etc. Serial No. 381,769; Nov. 10. Class 21.
Koch, William F., doing business as Koch Laboratories, Detroit, Mich. Preparation used in the treatment of cancer, tuberculosis, etc. Serial No. 382,799; Nov. 10. Class 6.
Kress, S. H., and Company, New York, N. Y. Auto top dressing, oil stones, sand paper, etc. Serial No. 383,435; Nov. 10. Class 4.
Kroger Grocery & Baking Company, The, Cincinnati, Ohio. Beef. Serial No. 370,006; Nov. 10. Class 46.
Kwikway Company. (See Knapp-Monarch Company.)
Landenberger, J. W., & Co., Philadelphia, Pa. Hosiery. Serial No. 383,437; Nov. 10. Class 39.
Laub, John J., doing business as Laub Rat-Kiss Co., Pekin, Ill. Preparation to kill rats and mice. Serial No. 381,896; Nov. 10. Class 6.
Lazarus, Max, & Sons, Inc., Baltimore, Md. Canned dog and cat food. Serial No. 382,598; Nov. 10. Class 46.
Le Boeuf, George H., Manitowoc, Wis. Automobile luggage racks. Serial No. 381,209; Nov. 10. Class 19.
Lewis, Nat, Purses, Inc., New York, N. Y. Gloves, hosiery, belts, etc. Serial No. 380,997; Nov. 10. Class 39.
Lodge, James R., doing business as International Vacuum Cleaner Co., Wheeling, W. Va. Electric motor equipped and operated hand steered type vacuum sweeper. Serial No. 382,058; Nov. 10. Class 21.
Lord, Arthur S., New York, N. Y. Game. Serial No. 383,314; Nov. 10. Class 22.
Loyd's of America, Camden, N. J. Effervescent alkalizing tablets. Serial No. 383,214; Nov. 10. Class 6.
Lupomatic Tumbling Machine Co., Inc., New York, N. Y. Tumbling, burnishing, and polishing compounds, polishing creams, pegs, etc. Serial No. 383,364; Nov. 10. Class 4.
Lures, Hoefer, Minneapolis, Minn. Fishing tackle. Serial No. 382,702; Nov. 10. Class 22.
Maid-Rite Shoulder Strap Co. (See Silverman, Sol.)
Maiz, Herman, New York, N. Y. Decorated sheets for application to panes of glass, etc. Serial No. 382,644; Nov. 10. Class 37.
March of Fashion, Inc., New York, N. Y. Women's and misses' dresses. Serial No. 382,957; Nov. 10. Class 39.
McQuiller, Blanche, doing business as Blanche's Tuf Aid, Chicago, Ill. Preparation for toughening fabrics. Serial No. 382,435; Nov. 10. Class 6.
Menendez y Compañia, S. en C., Habana, Cuba. Cigars. Serial No. 367,832; Nov. 10. Class 17.
Metallurgical Products Company. (See Wilenchik, Israel W.)
Minnesota Valley Canning Company, Le Sueur, Minn. Canned vegetables. Serial No. 381,914; Nov. 10. Class 46.
Modern Merchandising Bureau, Inc., New York, N. Y. Hats and Caps; scarves, underwear, etc. Serial No. 381,492; Nov. 10. Class 39.
Modern Vending Company. (See Cohn, Nat.)
Moto-Sway Corporation, New York, N. Y. Machine to measure and stretch knitted garments. Serial No. 381,683; Nov. 10. Class 26.
Naamlooze Vennootschap Droste's Cacao- en Chocoladefabrieken, Haarlem, Netherlands. Cocoa, chocolate, and chocolates and candies. Serial No. 381,849; Nov. 10. Class 46.
Napco Products Company. (See Napoleon, Gustave.)
Napoleon, Gustave, doing business as Napco Products Company, Trenton, N. J. Insecticides. Serial No. 382,881; Nov. 10. Class 6.
National Fruit and Vegetable Exchange, Inc., New York, N. Y. Fresh fruits and vegetables. Serial No. 375,160; Nov. 10. Class 46.
Negri, Anton C., doing business as General Dairy Products Co., Chicago, Ill. Dehydrated milk and dehydrated chocolate. Serial No. 356,634; Nov. 10. Class 46.
Nielsen, Bertram, doing business as Pacific Nut Co., Seattle, Wash. Vegetable oil product. Serial No. 378,262; Nov. 10. Class 46.
Norcross, New York, N. Y. Composite strips of slit cellulose film forming a ribbon. Serial No. 373,646; Nov. 10. Class 37.
Nowak Milling Corporation, Hammond, Ind. Solution for spraying live stock. Serial No. 383,030; Nov. 10. Class 6.
Nussbaum Liquor Store, Inc., New York, N. Y. Whiskey, gin, rum, etc. Serial No. 382,133; Nov. 10. Class 49.
Oceanic Fisheries Company, Inc., Seattle, Wash. Salt cured herring. Serial No. 379,758; Nov. 10. Class 46.
Orthopedic Shoes Inc., Portsmouth, Ohio. Women's shoes. Serial No. 381,109; Nov. 10. Class 39.
Oskamp Nolting Company, The, Cincinnati, Ohio. Periodical. Serial No. 383,101; Nov. 10. Class 38.
Owen, Charles A., Geneva, N. Y. Syrups for sundaes, milk beverages, and cake frostings. Serial No. 382,765; Nov. 10. Class 46.
Pacific Nut Co. (See Nielsen, Bertram.)
Parfumerie St. Denis, New York, N. Y. Cologne. Serial No. 379,053; Nov. 10. Class 6.
Parfums Duvée, Inc., New York, N. Y. Cleaning compound. Serial No. 383,816; Nov. 10. Class 4.
Parfums Lengyel, Ltd., Dover, Del., and New York, N. Y. Astringents, astringent cerates, bleach creams, etc. Serial No. 383,178; Nov. 10. Class 6.
Pioneer Gen-E-Motor Corporation, Chicago, Ill. Dynamotors, generators, inverted rotary convertors, etc. Serial No. 374,601; Nov. 10. Class 21.
Platt & Munk Co. Inc., The, New York, N. Y. Cut-out game books. Serial No. 382,486; Nov. 10. Class 22.
Pootatuck Corporation, The, Stratford, Conn. Lawn mowers. Serial No. 382,238; Nov. 10. Class 23.
Proctor, Maurice E., doing business as Proctors Products Co., New Haven, Conn. Shaving cream. Serial No. 383,782; Nov. 10. Class 4.
Proctor, Maurice E., doing business as Proctors Products Co., New Haven, Conn. Dental cream. Serial No. 383,784; Nov. 10. Class 4.
Protection Products Manufacturing Company, Kalamazoo and Detroit, Mich. Chemical solution. Serial No. 381,218; Nov. 10. Class 6.
Quigley Publishing Company, Inc., New York, N. Y. Magazine. Serial No. 382,766; Nov. 10. Class 38.
Rathje, Karl L., Wheaton, Ill. Candies. Serial No. 382,568; Nov. 10. Class 46.
Records & Goldsborough, Incorporated, Baltimore, Md. Whiskey, gin, brandy, etc. Serial No. 375,521; Nov. 10. Class 49.
Reliable Pattern & Castings Co., The, Cincinnati, Ohio. Aluminum and bronze castings. Serial No. 383,370; Nov. 10. Class 14.
Richardson & Boynton Company, New York, N. Y. Domestic heating boilers. Serial No. 381,950; Nov. 10. Class 34.
Riverbank Canning Company, Riverbank, Calif. Food products. Serial No. 382,176; Nov. 10. Class 46.
Robertson, John, & Son Limited, Dundee, Scotland. Scotch whiskey. Serial No. 383,942; Nov. 10. Class 49.
Robinson, Mrs. James S., doing business as James S. Robinson, Apothecary, Memphis, Tenn. Tonic preparation. Serial No. 382,888; Nov. 10. Class 6.
Rogers Peet Company, New York, N. Y. Boys' clothing. Serial No. 371,504; Nov. 10. Class 39.
Rogers Peet Company, New York, N. Y. Men's clothing. Serial No. 381,692; Nov. 10. Class 39.
Rosenblum, Nathan, & Company, Sharon, Pa. Canned fruits, canned vegetables, coffee, etc. Serial No. 375,225; Nov. 10. Class 46.
Ruhmann Grain & Seed Company, Waco, Tex. Field and garden seeds. Serial Nos. 383,447–9; Nov. 10. Class 1.
S. M. Laboratories, Inc., Seattle, Wash. Emmenagogue. Serial No. 383,141; Nov. 10. Class 6.
Sackner Bag Co. (See Grand Rapids Fibre Cord Co.)
St. Charles Winery. (See Somers, Charles.)
Saprochi S. A., Geneva, Switzerland. Magnesia. Serial No. 379,766; Nov. 10. Class 6.
Scholl Mfg. Co., Inc., The, Chicago, Ill. Arch supports. Serial No. 378,589; Nov. 10. Class 44.
Sears, Roebuck and Co., Chicago, Ill. Electric ranges. Serial No. 383,232; Nov. 10. Class 21.
Sears, Roebuck and Co., Chicago, Ill. Therapeutic electric lamps. Serial No. 382,292; Nov. 10. Class 44.
Sears, Roebuck and Co., Chicago, Ill. Window shades and venetian blinds. Serial No. 383,231; Nov. 10. Class 32.
Silverman, Sol, doing business as Maid-Rite Shoulder Strap Co., New York, N. Y. Shoulder straps for ladies' undergarments. Serial No. 381,787; Nov. 10. Class 40.
Sinagnan, Frances, et Cie. Inc., New York, N. Y. Candies. Serial No. 383,035; Nov. 10. Class 46.
Sinclair Refining Company, New York, N. Y. Turbine lubricating oil. Serial No. 380,675; Nov. 10. Class 15.
Smith, Lee S., & Son Manufacturing Company, Pittsburgh, Pa. Elastic hydro-colloid material. Serial No. 382,398; Nov. 10. Class 44.
Société Générale des Ciments Portland de L'Escaut, Société Anonyme, Autoing near Tournai, Belgium. Portland cement. Serial No. 381,325; Nov. 10. Class 12.
Société Vinicole de Champagne, Paris and Reims, France. Sparkling wines, perry, and alcoholic cider. Serial No. 375,028; Nov. 10. Class 47.
Somers, Charles, doing business as St. Charles Winery, Grapeview, Wash. Wine. Serial No. 380,483; Nov. 10. Class 47.
Somerset Shoe Company, Auburn, Maine. Shoes. Serial No. 380,850; Nov. 10. Class 39.
Southeastern Clay Company, Aiken, S. C. Clay. Serial No. 382,727; Nov. 10. Class 1.

Southern Friction Materials Company, Charlotte, N. C. Brake lining. Serial No. 378,906; Nov. 10; Class 35.
Specialty Products Company, Jersey City, N. J. Lubricating oils. Serial No. 383,074; Nov. 10. Class 15.
Specialty Products Company, Jersey City, N. J. Lubricating oils for cutting tools. Serial Nos. 383,075–6; Nov. 10. Class 15.
Stone House Farm, Inc., Durham, N. H. Preserved vegetables and fruits, jams, etc. Serial No. 380,161; Nov. 10. Class 46.
Street, R. R., & Co. Inc., Chicago, Ill. Dry cleaning soap. Serial No. 379,150; Nov. 10. Class 4.
Sweet Cap Company, Dallas, Tex. Neckties. Serial No. 368,464; Nov. 10. Class 39.
Syndicate Store Merchandiser, Inc., The, Newark, N. J., and New York, N. Y. Periodical. Serial No. 383,077; Nov. 10. Class 38.
Tea and Coffee Trade Journal Co., The, New York, N. Y. Periodical. Serial No. 382,965; Nov. 10. Class 38.
Tennessee Eastman Corporation, Kingsport, Tenn. Denaturant for ethyl alcohol. Serial No. 382,814; Nov. 10. Class 6.
Thompson, Robert W., doing business as Thompson Manufacturing Co., Los Angeles, Calif. Electric massaging hair brushes. Serial No. 381,953; Nov. 10. Class 44.
Tokalon Chemical Corporation, New York, N. Y. Toilet preparation. Serial No. 383,189; Nov. 10. Class 6.
Tryon, Edw. K., Company, Philadelphia, Pa. Basketballs. Serial No. 383,492; Nov. 10. Class 22.
Tryon, Edw. K., Company, Philadelphia, Pa. Footballs. Serial No. 383,493; Nov. 10. Class 22.
Ulco Laboratories. (See Czachorski, Roman A.)
Upjohn Company, The, Kalamazoo, Mich. Medicinal preparation. Serial Nos. 382,968–9; Nov. 10. Class 6.
Utility Blade & Razor Co., Maplewood, N. J. Safety razor blades. Serial No. 383,376; Nov. 10. Class 23.
Valentine Laboratories, Inc., Chicago, Ill. Tooth brush. Serial No. 378,508; Nov. 10. Class 29.
Vanis Company, The. (See Van Korn, Ben K.)
Van Korn, Ben K., doing business as The Vanis Company, Philadelphia, Pa. Astringents, astringent cerates, beauty creams, etc. Serial No. 383,151; Nov. 10. Class 6.
Vidrio Products Corporation, Chicago, Ill. Laundry washing machines. Serial No. 382,731; Nov. 10. Class 24.
Wagner Electric Corporation, St. Louis, Mo. Clutch-operated fluid brake control valves for vehicles. Serial No. 353,622; Nov. 10. Class 13.
Wanamaker, John, New York, New York, N. Y. Infants' and children's dresses, suits, coats, etc. Serial No. 381,695; Nov. 10. Class 39.
Wanamaker, John, New York, New York, N. Y. Corsets. Serial No. 381,696; Nov. 10. Class 39.
Ward Refrigerator & Mfg. Co., Los Angeles, Calif. Refrigerators. Serial No. 376,926; Nov. 10. Class 31.
Weill & Hartmann, New York, N. Y. Velocipedes, scooters, wagons (toy), etc. Serial No. 383,044; Nov. 10. Class 22.
Weirton Steel Company, Weirton, W. Va. Tin plate. Serial No. 375,184; Nov. 10. Class 14.
Wilenchik, Israel W., doing business as Metallurgical Products Company, Philadelphia, Pa. Metals, metal castings, and metal alloys. Serial Nos. 374,067–8; Nov. 10. Class 14.
Wilmont Co., The. (See Wilson, Clarence A.)
Wilson, Clarence A., doing business as The Wilmont Co., New York, N. Y. Veterinary preparation. Serial Nos. 382,849–50; Nov. 10. Class 6.
Wohl Shoe Company, St. Louis, Mo. Shoes. Serial No. 381,145; Nov. 10. Class 39.

LIST OF REGISTRANTS OF TRADE-MARKS

A C Spark Plug Company, Flint, Mich. Accessory devices used with internal combustion engines. 340,472; Nov. 10; Serial No. 379,544; published Sept. 1, 1936. Class 23.
Abrasive Wheel Company, The, Philadelphia, by change of name to Abrasive Company, Bridesburg, Philadelphia, Pa. Grinding and polishing wheels or carbid of silicon. 113,469; renewed Oct. 17, 1936.
Ada Milling Company, doing business as Farmer's Mill, Ada, Okla. Wheat flour. 340,449; Nov. 10; Serial No. 378,384; published Sept. 1, 1936. Class 46.
Agfa Ansco Corporation, Binghamton, N. Y. Sensitized photographic film. 340,438; Nov. 10; Serial No. 380,855; published Sept. 1, 1936; Class 26.
Air Devices Corporation, Chicago, Ill. Unit room heaters and room cooling units and room ventilating fans. 340,512; Nov. 10; Serial No. 377,375; published Sept. 1, 1936. Class 34.
Albers Bros. Milling Co., Portland, Oreg., and San Francisco, Oakland, Los Angeles, Riverside, Fresno, Sacramento, and San Jose, Calif., and Seattle, Tacoma, and Spokane, Wash. Mixed flour. 340,535; Nov. 10. Class 46.
Alexander, Robert H., Scott, Ark. Farm and garden seeds, fruit trees, and shrubbery. 340,453; Nov. 10; Serial No. 378,542; published Sept. 1, 1936. Class 1.
Aluminum Company of America, Pittsburgh, Pa. Aluminum alloys and rough or semi-finished articles cast or forged therefrom. 340,481; Nov. 10; Serial No. 379,941; published Sept. 1, 1936. Class 14.
American Chicle Company, Long Island City, N. Y. Chewing gum. 340,373; Nov. 10; Serial No. 376,318; published Aug. 18, 1936. Class 46.
American Manufacturing Company. (See NuArt Fibre Products Company.)
Amoskeag Manufacturing Company, to F. C. Dumaine, Wm. Parker Straw, J. P. Carney, trustees in liquidation of the estate of Amoskeag Manufacturing Company, Manchester, N. H. Cotton piece goods and cotton flannels. 113,333; renewed Oct. 17, 1936.
Anthony Macaroni and Pretzel Company, Inc., Los Angeles, Calif. Soda crackers and graham crackers. 340,482; Nov. 10; Serial No. 379,942; published Sept. 1, 1936. Class 46.
Arakelian, K., Inc., Madera, Calif., and New York, N. Y. Muscatel. 340,448; Nov. 10; Serial No. 378,123; published Sept. 1, 1936. Class 47.
Arakelian, K., Inc., Madera, Calif., and New York, N. Y. Claret. 340,520; Nov. 10; Serial No. 378,118; published Sept. 1, 1936. Class 47.
Arakelian, K., Inc., Madera, Calif., and New York, N. Y. Sherry. 340,521; Nov. 10; Serial No. 378,120; published Sept. 1, 1936. Class 47.
Arkansas City Flour Mills Co., The, Arkansas City, Kans. Wheat flour. 340,382; Nov. 10; Serial No. 379,070; published Aug. 11, 1936. Class 46.
Aronson-Caplin Company, Inc., New York, N. Y. Slips, bloomers, petticoats, etc. 340,533; Nov. 10. Class 39.
Associated Merchandising Corporation, The, Newark, N. J., and New York, N. Y. Oven heat control device 340,408; Nov. 10; Serial No. 375,924; published Sept. 1, 1936. Class 26.
Associated Merchandising Corporation, The, Newark, N. J., and New York, N. Y. Manual timing device affixed to a gas range. 340,409; Nov. 10; Serial No. 375,923; published Sept. 1, 1936. Class 26.
Artistic Foundations, Inc., New York, N. Y. Elastic piece goods. 340,376; Nov. 10; Serial No. 378,919; published Sept. 1, 1936. Class 42.
Baldor Electric Company, St. Louis, Mo. Battery chargers. 340,423; Nov. 10; Serial No. 368,094; published Sept. 1, 1936. Class 21.
Barrett Company, The, assignor to The Barrett Company, New York, N. Y. Bituminous materials for boiler-settings. 113,479; renewed Oct. 17, 1936.
Barrett Company, The, assignor to The Barrett Company, New York, N. Y. Foundry facing and core compound. 113,480; renewed Oct. 17, 1936.
Barrett Manufacturing Company, (now by change of name The Barrett Company), assignor to The Barrett Company, New York, N. Y. Construction materials. 113,481; renewed Oct. 17, 1936.
Bastian-Blessing Company, The, Chicago, Ill. Regulating and reducing valves and other metallic valves. 115,833; renewed Mar. 13, 1927.
Bates, Hamilton C., doing business as C. J. Bates & Son, Chester, Conn. Nail polish and bleach, powders, lotions, etc. 340,387; Nov. 10; Serial No. 379,287; published Sept. 1, 1936. Class 6.
Bates, Hamilton C., doing business as C. J. Bates & Son, Chester, Conn. Nail polish and bleach, powders, lotions, etc. 340,388; Nov. 10; Serial No. 379,289; published Sept. 1, 1936. Class 6.
Becker Pretzel Bakeries Inc., Baltimore, Md. Pretzels, pretzel sticks. 340,475; Nov. 10; Serial No. 379,780; published Sept. 1, 1936. Class 46.
Bell, Herbert A., doing business as Packard-Bell Company, Los Angeles, Calif. Radio dials. 340,413; Nov. 10; Serial No. 374,395; published Sept. 1, 1936. Class 21.
Belle Knitting Corporation, New York, N. Y. Ladies' and children's pajamas. 340,480; Nov. 10; Serial No. 379,868; published Aug. 11, 1936. Class 39.
Bentley Engineering Company Limited, The, Leicester, England. Warp looms, winding machines, warping machines, etc. 340,452; Nov. 10; Serial No. 378,518; published Sept. 1, 1936. Class 23.
Bernard, Mellie C., doing business as The Waldensian Winery, Icard, N. C. Wines. 340,513; Nov. 10; Serial No. 377,534; published Sept. 1, 1936. Class 47.
Bloomingdale Bros., Inc., New York, N. Y. Men's backless vests. 340,526; Nov. 10. Class 39.

Böhme Fettchemie-Gesellschaft mit beschrankter Haftung, Chemnitz, Germany. Chemical dyeing preparations and chemical solvents for rubber. 340,449; Nov. 10; Serial No. 376,524; published Sept. 1, 1936. Class 6.

Bohn Aluminum & Brass Corporation. (See General Aluminum & Brass Manufacturing Company, assignor.)

Bonty Ribbon & Carbon Co. (See Rapp, Raphael.)

Bowes Seal Fast Corporation, Indianapolis, Ind. Portable patching kits for mending pneumatic tires and tubes. 340,425; Nov. 10; Serial No. 367,596; published Sept. 1, 1936. Class 35.

Brantman, Jacob W., New York, N. Y. Knitted piece goods. 340,404; Nov. 10; Serial No. 380,256; published Sept. 1, 1936. Class 42.

Breneman, Chas. W., Co., The, Cincinnati, Ohio. Shade cloth. 340,443; Nov. 10; Serial No. 380,943; published Sept. 1, 1936. Class 42.

Brooksville Citrus Growers Association, Brooksville, Fla. Citrus fruit. 115,062; renewed Jan. 23, 1937.

Brush Development Company, The, Cleveland, Ohio. Head phones, microphones and microphone stands, relays, etc. 340,450; Nov. 10; Serial No. 378,391; published Sept. 1, 1936. Class 21.

Buffalo Nut Shops, Inc., Buffalo, N. Y. Nut meats, peanuts, and coconut, etc. 340,522; Nov. 10. Class 46.

Burton Products, Inc., Paterson, N. J. Beer. 340,499; Nov. 10; Serial No. 380,496; published Sept. 1, 1936. Class 48.

Carney, J. P., trustees et al. (See Amoskeag Manufacturing Company.)

Carson, Pirie, Scott & Co., assignor to Carson Pirie Scott & Company, Chicago, Ill. Knitted underwear. 113,007; renewed Oct. 10, 1936.

Celanese Corporation of America, New York, N. Y. Piece goods. 340,436; Nov. 10; Serial No. 380,757; published Sept. 1, 1936. Class 42.

Celluloid Corporation, Newark, N. J. Plastic material. 340,489; Nov. 10; Serial No. 380,340; published Sept. 1, 1936. Class 1.

Chain Belt Company, Milwaukee, Wis. Packing and lubricating compounds. 340,476; Nov. 10; Serial No. 379,785; published Aug. 25, 1936. Class 15.

Charcowsky, Charles, Inc., New York, N. Y. Varnishes. 340,444; Nov. 10; Serial No. 380,944; published Sept. 1, 1936. Class 16.

Chicago Musical Instrument Company, Chicago, Ill. Accordions. 340,439; Nov. 10; Serial No. 380,903; published Sept. 1, 1936. Class 36.

Clark Milling Company, Augusta, Ga. Self-rising flour. 113,683; renewed Oct. 31, 1936.

Clear Sky Conlette Fuel Company, East Peoria and DuQuoin, Ill. Fuel used for creating light, heat, and power. 340,414; Nov. 10; Serial No. 373,902; published Sept. 1, 1936. Class 1.

Cleartex Co. (See Rupp, Kenneth S.)

Cohn & Rosenberger, Inc., New York, N. Y. Comb cases, cigarette cases, compacts, etc. 340,417; Nov. 10; Serial No. 373,200; published Sept. 1, 1936. Class 28.

Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Chains. 340,420; Nov. 10; Serial No. 371,853; published Sept. 1, 1936. Class 13.

Concannon, Joseph S, doing business as Concannon Vineyards, Livermore, Calif. Wines. 340,459; Nov. 10; Serial No. 360,624; published Sept 1, 1936. Class 47.

Constable, Arnold, & Co., New York, N. Y. Boucle and woolen dresses. 340,524; Nov. 10. Class 39.

Continental Distilling Corporation, assignor to Sibboney Distilling Corporation, Philadelphia, Pa. Whiskey. 340,537; Nov. 10. Class 49

Craven, Claud C., doing business as C. C. Craven Co., Kansas City, Mo. Piston rings. 340,525; Nov. 10. Class 35.

Cresset Company, The, New York, N. Y. Stereotype matrices. 340,492; Nov. 10; Serial No. 380,440; published Sept. 1, 1936. Class 50.

Croydon, Charles, Corporation, Long Island City, N. Y. Facial tissue. 340,486; Nov. 10; Serial No. 379,990; published Sept. 1, 1936. Class 37.

Cyclist Publishing Company, Inc., New York, N. Y. Periodical. 340,469; Nov. 10; Serial No. 379,471; published Sept. 1, 1936. Class 38.

Davidson Baking Co., Portland, Oreg. Bread. 340,541; Nov. 10. Class 46.

Decelle Undergarment Co., Sharon, Mass. Underwear and hosiery. 340,538; Nov. 10. Class 39.

Deleith, Ellyn, Inc., New York, N. Y. Astringents, astringent cerates, bleach creams, etc. 340,528; Nov. 10. Class 6.

DeLux-O-Dent Corporation, Philadelphia, Pa. Dental materials, supplies, and products. 340,474; Nov. 10; Serial No. 379,682; published Sept. 1, 1936. Class 44.

Dexdale Hosiery Mills, Lansdale, Pa. Hosiery. 340,457; Nov. 10; Serial No. 355,730; published Sept. 1, 1936. Class 39.

Dictating Machine and Record Corporation, New York, N. Y. Dictating machines, dictating machine records, and parts therefor. 340,383; Nov. 10; Serial No. 379,086; published Sept. 1, 1936. Class 36.

Diesel Publications, Inc. (See Freeman, Miller.)

Ditto, Incorporated, Chicago, Ill. Paper for stationery use. 340,508–9; Nov. 10; Serial Nos. 377,103–4; published Sept. 1, 1936. Class 37.

Doray Lamp Co., Inc., Chicago, Ill. Automobile safety reflecting signal lenses. 340,418; Nov. 10; Serial No. 373,075; published Sept. 1, 1936. Class 19.

Dornier-Metallbauten G. m. b. H., Friedrichshafen-on-the-Bodensee, Germany. Aeroplanes and structural parts. 340,447; Nov. 10; Serial No. 376,664; published Sept. 1, 1936. Class 19.

Dornier-Metallbauten G. m. b. H., Friedrichshafen-on-the-Bodensee, Germany. Aeroplanes and structural parts. 340,503; Nov. 10; Serial No. 376,881; published Sept. 1, 1936. Class 19.

Driodine Corporation, Los Angeles, Calif. Iodine preparation in powder form. 340,473; Nov. 10; Serial No. 379,551; published Sept. 1, 1936. Class 6.

Dumaine, F. C., trustees et al. (See Amoskeag Manufacturing Company.)

Duro Company, The, Dayton, Ohio. Mechanical water softeners and pumping systems. 340,389; Nov. 10; Serial No. 379,294; published Sept. 1, 1936. Class 23.

Eaton Detroit Metal Company, Cleveland, Ohio. Closure devices for automobiles. 340,464; Nov. 10; Serial No. 365,931; published Sept. 1, 1936. Class 19.

Ebsa Company. (See Teitelbaum, Eugene.)

Edwards and Company, Inc., New York, N. Y. Electrical goods and apparatus. 340,440; Nov. 10; Serial No. 380,906; published Sept. 1, 1936. Class 21.

Engels & Krudwig Wine Co., The, Sandusky, Ohio. Wine. 340,379; Nov. 10; Serial No. 378,985; published Sept. 1, 1936. Class 47.

Esquire, Inc., Chicago, Ill. Periodical. 340,497; Nov. 10; Serial No. 380,473; published Sept. 1, 1936. Class 38.

Exhibit Supply Company, The, Chicago, Ill. Coin controlled amusement apparatus. 340,534; Nov. 10. Class 22.

Farmer's Mill. (See Ada Milling Company.)

Fay-Miss Brassiere Co., Inc., New York, N. Y. Brassières, bandeaus, corsets, etc. 340,510; Nov. 10; Serial No. 377,111; published Aug. 4, 1936. Class 39.

Forsey, James G., doing business as Forsey Ice Cream Company, Richfield, Utah. Candy bars. 340,402; Nov. 10; Serial No. 380,504; published Sept. 1, 1936. Class 46.

Forster, Charles, Estate of, Strong, Maine. Toothpicks. 340,493–4; Nov. 10; Serial Nos. 380,450–1; published Sept. 1, 1936. Class 44.

Fort Smith Cotton Oil Co., Fort Smith, Ark. Fertilizer. 340,427; Nov. 10; Serial No. 376,272; published Sept. 1, 1936. Class 10.

Frederics, E., Inc., New York, N. Y. Pads used in the permanent waving of human hair. 340,462; Nov. 10; Serial No. 361,086; published Aug. 27, 1935. Class 44.

Freeman, Miller, Seattle, Wash., to Diesel Publications, Inc., New York, N. Y., successor. Publication. 113,501; renewed Oct. 17, 1936.

Fullerton Co-operative Orange Assn., Fullerton, Calif. Fresh citrus fruit. 340,430–2; Nov. 10; Serial Nos. 380,631–3; published Sept. 1, 1936. Class 46.

Gallagher, Sheridan, Jr., Chicago, Ill. Dental supplies and instruments. 109,454; renewed Apr. 11, 1936.

Gately, John, Co., Chicago, Ill. Clothing. 115,079; renewed Jan. 23, 1937.

Gay Blade Co. (See Rider, Daniel H.)

General Aluminum & Brass Manufacturing Company, assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Bearings and bushings. 114,880; renewed Jan. 9, 1937.

General Mills, Inc. (See Washburn-Crosby Co., assignor.)

General Tire and Rubber Company, The, Akron, Ohio. Rubber tires or tire-casings and inner tubes. 115,605; renewed Feb. 27, 1937.

Gerber & Co., Thoune, Switzerland, assignor, by mesne assignments, to Gerber & Co., Inc., New York, N. Y. Cheese. 113,880; renewed Nov. 7, 1936.

Girl Scouts, (Incorporated), New York, N. Y. Jewelry. 340,477; Nov. 10; Serial No. 379,796; published Aug. 25, 1936. Class 28.

Goodall Worsted Co. (See Lesher, Whitman & Co. Inc.)

Gray Envelope Manufacturing Co., Inc., Brooklyn, N. Y. Transparent, semi-transparent or translucent paper. 340,400; Nov. 10; Serial No. 380,054; published Sept. 1, 1936. Class 37.

Guttmann and Company, Chicago, Ill. Leather. 340,479; Nov. 10; Serial No. 379,841; published Sept. 1, 1936. Class 1.

Hall & Ruckel, Inc., New York, N. Y. Depilatory powder. 115,759; renewed Mar. 6, 1937.

Hamilton Print Works, Paterson, N. J. Textile fabrics. 340,441; Nov. 10; Serial No. 380,910; published Sept. 1, 1936. Class 42.

Harris, Theodore A., New York, N. Y. Publication. 340,478; Nov. 10; Serial No. 379,799; published Sept. 1, 1936. Class 38.

Harvard Company, The, Canton, Ohio. Dental and surgical appliances. 112,893; renewed Oct. 3, 1936.

Hawaiian Canneries Company, Kapaa, Kauai, Territory of Hawaii. Pineapple juice. 340,490; Nov. 10; Serial No. 380,398; published Sept. 1, 1936. Class 46.

Hemingway, H. C., & Co., Syracuse, N. Y., to H. C. Hemingway & Co., Auburn, N. Y. Canned fruits and vegetables. 115,612; renewed Feb. 27, 1937.

Heptagon Laboratories, Inc., New York, N. Y., to The Sydney Ross Co., Newark, N. J., successor. Face-powder. 112,186; renewed Aug. 22, 1936.

Honorbilt Products, Inc., Philadelphia, Pa. Mattresses, sofas, divans, etc. 340,514; Nov. 10; Serial No. 377,618; published Sept. 1, 1936. Class 32.

Horii, Shinjiro, Kanda-ku, Tokyo, Japan. Paper and stationery. 340,487; Nov. 10; Serial No. 379,999; published Sept. 1, 1936. Class 37.

Houghton, E. F., & Co., Philadelphia, Pa. Technical journal. 340,407; Nov. 10; Serial No. 380,203; published Sept. 1, 1936. Class 38.

Indicator Corporation, Newark, N. J. Fuse-plugs. 340,523; Nov. 10. Class 21.

It Shoe Polish Company, Inc., Baltimore, Md. Shoe cleaning and polishing compounds. 340,501; Nov. 10; Serial No. 380,571; published Aug. 25, 1936. Class 4.

Jadwiga Remedies, Inc., Brooklyn, N. Y. Preparation for external use as a relief for simple neuralgic pain and muscular soreness. 340,375; Nov. 10; Serial No. 378,915; published Sept. 1, 1936. Class 6.

Kaylon, Inc., New York, N. Y. Pajamas. 340,530; Nov. 10. Class 39.

Keith Paper Company, Turners Falls, Mass. Writing and printing papers. 115,970; renewed Mar. 27, 1937.

Keller, Edward A., doing business as Keller Products Co., Bowling Green, Ohio. Cough medicines. 340,531; Nov. 10. Class 6.

Kerr's Butter Scotch, Inc., Brooklyn, N. Y. Candy. 340,470; Nov. 10; Serial No. 379,477; published Sept. 1, 1936. Class 46.

Keystone Varnish Company, Brooklyn, N. Y. Enamel paints. 115,626; renewed Feb. 27, 1937.

Knapp-Monarch Company, doing business as Kwikway Co., St. Louis, Mo. Electric fans. 340,542; Nov. 10. Class 21.

Kreis, Elmer, & Co., Chicago, Ill. Umbrellas. 340,500; Nov. 10; Serial No. 380,517; published Sept. 1, 1936. Class 41.

Kwikway Co. (See Knapp-Monarch Company.)

Lang-Kohn Manufacturing Company, St. Louis, Mo. Dresses. 340,536; Nov. 10. Class 39.

La Perla Vineyard Company, Chicago, Ill. Wines. 340,398–9; Nov. 10; Serial Nos. 380,062–3; published Sept. 1, 1936. Class 47.

Leonard Company, The, Chicago, Ill. Motor lubricating oils and gasoline. 340,483; Nov. 10; Serial No. 379,965; published Aug. 25, 1936. Class 15.

Lesher, Whitman & Co. Inc., New York, N. Y., to Goodall Worsted Co., Sanford, Maine, successor. Piece goods and dress fabrics. 115,975; renewed Mar. 27, 1937.

Lewis, Edgar P., & Sons, Inc., doing business as The Sweet Breath Co. of America, Malden, Mass. Candy. 340,532; Nov. 10. Class 46.

Los Angeles Soap Co., Los Angeles, Calif. Soap. 110,051; renewed May 2, 1936.

Mahler, Carl, Brooklyn, N. Y. Whiskey, brandy, rum, and gin. 340,406; Nov. 10; Serial No. 380,210; published Sept. 1, 1936. Class 49.

Mapor Corporation, New York, N. Y. Cleaner for automobiles, floors, walls, etc. 340,421; Nov. 10; Serial No. 371,354; published Aug. 25, 1936. Class 4.

Marvel Chemical Mfg. Co. (See Spiropulos, Constantine T.)

McCutcheon, James, & Co., New York, N. Y. Linens. 113,268; renewed Oct. 10, 1936.

Menagh Dental Supply Co., Newark, N. J., to George H. Menagh, Miami, successor. Cements, alloys, wax, and modeling compounds for dentists' use. 112,790; renewed Sept. 26, 1936.

Mittag & Volger, Incorporated, Park Ridge, N. J. Dry stencils for duplicating machines and a correction fluid. 340,484; Nov. 10; Serial No. 379,966; published Sept. 1, 1936. Class 37.

Morrell, John, & Co., Ottumwa, Iowa. Meat products. 113,776–7; renewed Oct. 31, 1936.

Nafra Products, Inc., Dallas, Tex. Cleaner for rugs and upholstery. 340,405; Nov. 10; Serial No. 380,220; published Aug. 25, 1936. Class 4.

Nascon Service, Inc., New York, N. Y. Telephone index books. 340,384; Nov. 10; Serial No. 379,126; published Sept. 1, 1936. Class 37.

National Carbon Company, Inc., New York, N. Y. Conditioning and cleaning compositions for cooling systems. 340,401; Nov. 10; Serial No. 380,015; published Sept. 1, 1936. Class 6.

National Casket Company Incorporated, Long Island City, N. Y. Burial caskets and sarcophagi. 340,442; Nov. 10; Serial No. 380,918; published Sept. 1, 1936. Class 2.

National Electric Products Corporation, Pittsburgh, Pa. Plug fuses and adapters. 340,377; Nov. 10; Serial No. 378,944; published Sept. 1, 1936. Class 21.

National Silver Company, New York, N. Y. Sterling silver and silver plated flatware and hollow ware. 340,397; Nov. 10; Serial No. 380,072; published Sept. 1, 1936. Class 28.

New Departure Manufacturing Company, The, Bristol, Conn. Cycle hubs, brakes, and coaster brakes, and their parts. 340,460–1; Nov. 10; Serial No. 360,933–4; published Sept. 1, 1936. Class 19.

Noble, F. H., & Co., Chicago, Ill. Jewelry and jeweler's findings and supplies. 340,385; Nov. 10; Serial No. 379,255; published Aug. 18, 1936. Class 28.

North American Rayon Corporation, New York, N. Y. Knitted, netted and textile fabrics. 340,465; Nov. 10; Serial No. 366,426; published Sept. 1, 1936. Class 42.

North American Rayon Corporation, New York, N. Y. Knitted, netted, and textile fabrics. 340,466; Nov. 10; Serial No. 366,428; published Sept. 1, 1936. Class 42.

North American Rayon Corporation, New York, N. Y. Thread and yarn. 340,467; Nov. 10; Serial No. 366,429; published Sept. 1, 1936. Class 43.

Norton Company, Worcester, Mass. Abrasive stones, sticks, bricks, etc. 340,498; Nov. 10; Serial No. 380,480; published Aug. 25, 1936. Class 4.

NuArt Fibre Products Company, Branch of American Manufacturing Company, Boston, Mass., and Brooklyn, N. Y. Waterproofed woven cloth. 340,419; Nov. 10; Serial No. 372,632; published Sept. 1, 1936. Class 50.

O. & W. Thum Company, The, Grand Rapids, Mich. Sticky fly paper. 340,463; Nov. 10; Serial No. 365,711; published Sept. 1, 1936. Class 50.

O'Malley, Charles R., Glencoe, Ill. Medicinal preparations. 340,412; Nov. 10; Serial No. 375,022; published Sept. 1, 1936. Class 6.

Oneida, Ltd., Sherrill and Oneida, N. Y., and Northampton, Mass. Silver plated tableware and cutlery. 340,426; Nov. 10; Serial No. 366,529; published Aug. 18, 1936. Class 28.

Pacific Trading Company, Inc., San Francisco, Calif. Fertilizer. 340,458; Nov. 10; Serial No. 358,149; published Sept. 1, 1936. Class 10.

Packard-Bell Company. (See Bell, Herbert A.)

Padre Vineyard Company, Los Angeles and Cucamonga, Calif. Wine. 340,517; Nov. 10; Serial No. 377,994; published Sept. 1, 1936. Class 47.

Panzarella, Joseph J., Brooklyn, N. Y. Dandruff remedy. 112,700; renewed Sept. 19, 1936.

Peninsular Chemical Company, by change of name to The Pensilar Company, Detroit, Mich. Hot-water bottles and fountain-syringes. 115,015; renewed Jan. 16, 1937.

Pensilar Company, The. (See Peninsular Chemical Company.)

Penthouse Foods, Inc., Seattle, Wash. Canned chicken and egg noodles and canned spaghetti. 340,437; Nov. 10; Serial No. 380,790; published Sept. 1, 1936. Class 46.

Peper, Christian, Tobacco Co., to Christian Peper Tobacco Company, St. Louis, Mo., successor. Smoking and chewing tobacco. 115,221; renewed Jan. 30, 1937.

Perrone, Sam, San Antonio, Tex. Hair tonic. 340,410; Nov. 10; Serial No. 375,684; published Sept. 1, 1936. Class 6.

Pierre-Bonard, Inc., New York, N. Y. Wines. 340,422; Nov. 10; Serial No. 370,032; published Sept. 1, 1936. Class 47.

Pittston Company, The, Dunmore, Pa., and New York, N. Y. Coal. 340,495; Nov. 10; Serial No. 380,457; published Sept. 1, 1936. Class 1.

Pratt & Lambert-Inc., Buffalo, N. Y. Wood-stains, wood-fillers, varnishes, etc. 115,099; renewed Mar. 27, 1937.

Progress Corporation, New York, N. Y. Razors and hair clippers and parts thereof. 340,380; Nov. 10; Serial No. 379,012; published Sept. 1, 1936. Class 23.

Rajore Company, Philadlephia, Pa. Automobiles. 340,411; Nov. 10; Serial No. 375,569; published Sept. 1, 1936. Class 19.

Rapp, Raphael, doing business as Bonty Ribbon & Carbon Co., New York, N. Y. Typewriter ribbons and carbon papers. 340,496; Nov. 10; Serial No. 380,458; published Sept. 1, 1936. Class 11.

Ravarino & Freschi Importing & Mfg. Co., by change of name to Ravarino & Freschi, Inc., St. Louis, Mo. Alimentary paste. 114,383; renewed Dec. 12, 1936.

Raven Sales Company Inc., Woodhaven, N. Y. Carbon paper and typewriter ribbons. 340,386; Nov. 10; Serial No. 379,259; published Sept. 1, 1936. Class 11.

Reynolds Corporation, New York, N. Y. Furnace units, having means for heating, cooling, cleaning, etc., air. 340,504; Nov. 10; Serial No. 376,919; published Sept. 1, 1936. Class 34.

Reynolds Corporation, New York, N. Y. Furnace units having means for heating, cooling, cleaning, etc., air. 340,505; Nov. 10; Serial No. 376,921; published Sept. 1, 1936. Class 34.

Rice-Stix Dry Goods Co., St. Louis, Mo. Shirts and blouses and shirt parts. 340,529; Nov. 10. Class 39.

Richards, Boggs and King, Inc., Chicago, Ill. Shower curtains. 340,518; Nov. 10; Serial No. 378,004; published Sept. 1, 1936. Class 13.

Rider, Daniel H., doing business as Gay Blade Co., New York, N. Y. Razor blades and pocket knives. 340,471; Nov. 10; Serial No. 379,496; published Sept. 1, 1936. Class 23.

Riverside & Dan River Cotton Mills, Inc., Danville, Va. Cotton goods in the piece. 340,396; Serial No. 380,077; published Sept. 1, 1936. Class 42.

Rose Manufacturing Company, Denver, Colo. Non-slip ladder shoes. 340,390; Nov. 10; Serial No. 379,327; published Sept. 1, 1936. Class 50.

Ross, Sydney, Co., The. (See Heptagon Laboratories, Inc.)

Royal Blue Stores, Inc., Chicago, Ill. Coffee, wheat flour, and vinegar. 340,502; Nov. 10; Serial No. 376,816; published Sept. 1, 1936. Class 46.

Rubberset Company, Newark, N. J. Toothbrushes. 340,378; Nov. 10; Serial No. 378,952; published Sept. 1, 1936. Class 20.

Rupp, Kenneth S., doing business as Cleartex Co., Oakland, Calif. Cleanser and polish for glass, etc. 340,415; Nov. 10; Serial No. 373,892; published Aug. 25, 1936. Class 4.

San Gabriel Wine Company, Inc., New York, N. Y. Wine. 340,391; Nov. 10; Serial No. 379,355; published Sept. 1, 1936. Class 47.

Schlorer, Mrs., Inc., Philadelphia, Pa. Salad dressings. 340,506; Nov. 10; Serial No. 376,961; published Sept. 1, 1936. Class 46.

Scott, O. M., & Sons Company, The, Marysville, Ohio. Seeds. 340,485; Nov. 10; Serial No. 379,976; published Sept. 1, 1936. Class 1.

Semler, R. B., Inc., New York, N. Y. Shampoo. 340,381; Nov. 10; Serial No. 379,058; published Sept. 1, 1936. Class 6.

Servel, Inc., New York, N. Y. Refrigerators and refrigerating apparatus. 340,455; Nov. 10; Serial No. 331,933; published Dec. 27, 1932. Class 31.

Shellmar Products Company, Mount Vernon, Ohio. Wrappers, bags, and containers. 340,424; Nov. 10; Serial No. 367,630; published Sept. 1, 1936. Class 2.

Siboney Distilling Corporation. (See Continental Distilling Corporation.)

Société Anonyme d'Exploitation des Papeteries L. Lacroix Fils, Angouleme, France. Cigarette-paper. 113,158–9; renewed Oct. 10, 1936.

Spiropulos, Constantine T., doing business as Marvel Chemical Mfg., Co., New York, N. Y. White shoe cleaner. 340,456; Nov. 10; Serial No. 336,234; published July 18, 1933. Class 4.

Stafford, S. S., Inc., New York, N. Y. Shoe cleaner. 340,395; Nov. 10; Serial No. 380,087; published Aug. 25, 1936. Class 4.

Standard Mailing Machines Company, Everett, Mass. Duplicating fluid. 340,374; Nov. 10; Serial No. 378,908; published Sept. 1, 1936. Class 11.

Standard Mailing Machines Company, Everett, Mass. Duplicating fluid 340,451; Nov. 10; Serial No. 378,457; published Sept. 1, 1936. Class 11.

Standard Oil Company of New Jersey, Wilmington, Del. Lubricating oils. 340,393; Nov. 10; Serial No. 380,128; published Sept. 1, 1936. Class 15.

Storage Chests & Closets Corp., New York, N. Y. Paper cedar chests and closets or the like. 340,511; Nov. 10; Serial No. 377,289; published Sept. 1, 1936. Class 2.

Straw, Wm. Parker, trustees et al. (See Amoskeag Manufacturing Company.)

Struthers, James A., to Strutwear Knitting Company, Minneapolis, Minn., successor. Hosiery. 113,453; renewed Oct. 17, 1936.

Strutwear Knitting Company. (See Struthers, James A.)

Sugar Beet Products Company, Saginaw, Mich. Hand soap. 340,491; Nov. 10; Serial No. 380,414; published Aug. 25, 1936. Class 4.

Sweet Breath Co. of America, The. (See Lewis, Edgar P., & Sons, Inc.)

Sweet, Thomas J., assignor to Thomas J. Sweet Co., Albion, N. Y. Canned fruits, canned vegetables, tomato catsup, etc. 116,010; renewed Mar. 27, 1937.

Tau Epsilon Phi Fraternity, Inc., New York, N. Y. Jewelry. 340,454; Nov. 10; Serial No. 378,682; published Aug. 25, 1936. Class 28.

Technical Color & Chemical Works, Inc., Brooklyn, N. Y. Paint enamels. 340,527; Nov. 10. Class 16.

Teitelbaum, Eugene, doing business as Ebsa Company, Brooklyn, N. Y. Preservatives for yarns, cloths, and silks. 340,434; Nov. 10; Serial No. 380,727; published Sept. 1, 1936. Class 6.

Tennant & Hoyt Company, Lake City, Minn. Wheat flour. 340,519; Nov. 10; Serial No. 378,112; published Sept. 1, 1936. Class 46.

Theophilus, Oliver H., New Concord, Ohio. Mathematical calculator on a circular disk. 340,507; Nov. 10; Serial No. 377,034; published Sept. 1, 1936. Class 26.

Thoreau, Jacqueline, New York. (See Wishart, Wm. L.)

Tiplizt, Hyman, Inc., New York, N. Y. Clothing. 340,516; Nov. 10; Serial No. 377,948; published Sept. 1, 1936. Class 39.

Turner & Seymour Manufacturing Company, The, Torrington, Conn. Cast iron alloy in bar or other forms. 340,416; Nov. 10; Serial No. 373,845; published Sept. 1, 1936. Class 14.

Two Brothers, The, doing business as Two Brothers Medicine Company, Muskogee, Okla. Preparation for eczema, old sores, and skin irritations. 340,394; Nov. 10; Serial No. 380,090; published Sept. 1, 1936. Class 6.

Ulmann, Bernhard, Co., Inc., New York, N. Y. Yarns for art needlework. 340,392; Nov. 10; Serial No. 379,362; published Sept. 1, 1936. Class 43.

Ulmann, Bernhard Co., Inc., New York, N. Y. Yarns for art needlework. 340,408; Nov. 10; Serial No. 379,263; published Sept. 1, 1936. Class 43.

Ulmann, Bernhard, Co. Inc., New York, N. Y. Yarns for art needlework. 340,515; Nov. 10; Serial No. 377,759; published Sept. 1, 1936. Class 43.

Union Bag & Paper Corporation, New York, N. Y. Paper bags. 340,428–9; Nov. 10; Serial Nos. 380,601–2; published Sept. 1, 1936. Class 2.

Union Bag & Paper Corporation, New York, N. Y. Paper garment and storage bags. 340,435; Nov. 10; Serial No. 380,728; published Sept. 1, 1936. Class 2.

Valentine & Company, New York, N. Y. Lacquer primer surfacer. 340,445; Nov. 10; Serial No. 381,300; published Sept. 1, 1936. Class 16.

Waldensian Winery, The. (See Bernard, Mellie C.)

Waples, Frank A., Houston, Tex. Pastille for creating a deterrent smoke. 340,539; Nov. 10. Class 6.

Washburn-Crosby Co., assignor to General Mills, Inc., Minneapolis, Minn. Wheat-flour. 115,707–8; renewed Feb. 27, 1937.

Wedding Embassy, Inc., The, New York, N. Y. Publication. 340,403; Nov. 10; Serial No. 380,322; published Sept. 1, 1936. Class 38.

Wilkin, Arthur J., San Pedro, Calif. Combination desk, cabinet, and chair. 340,433; Nov. 10; Serial No. 380,687; published Sept. 1, 1936. Class 32.

Wishart, Wm. L., doing business as Jacqueline Thoreau, New York, San Francisco, Calif. Rose petal lotion, skin cleansing cream, face powder, etc. 340,540; Nov. 10. Class 6.

Woodward & Lothrop, Washington, D. C. Pipe tobacco. 340,488; Nov. 10; Serial No. 380,323; published Sept. 1, 1936. Class 17.

LIST OF REGISTRANTS OF LABELS

Avedisian, Manoog, doing business as Hair Restorer Company, Detroit, Mich. Dawn Hair Restorer. For Hair Restorer. 48,380; Nov. 10.

Burgess, C. F., Laboratories, Inc., Chicago, Ill. Icelite Battery Refrigerator Light. For Battery Operated Refrigerator Lights. 48,381; Nov. 10.

China Rice Importing Company, San Francisco, Calif. Number ONE Brand China Rice. For Rice. 48,382; Nov. 10.

Glenwood Manufacturing Company. (See Hines, George T.)

Hair Restorer Company. (See Avedisian, Manoog.)

Hines, George T., doing business as Glenwood Manufacturing Company, Waterville, Maine. Army and Navy Liniment. For Liniment. 48,383; Nov. 10.

Hines, George T., doing business as Glenwood Manufacturing Company, Waterville, Maine. Nervine Bitters. For Bitters. 48,384; Nov. 10.

Imperial Beverage Company, Kalamazoo, Mich. Imperial. For Ginger Ale. 48,385; Nov. 10.

McCormick & Co., Inc., Baltimore, Md. Banquet (McCormick's) 100 Orange Pekoe Tea Bags. For Individual Tea Bags. 48,386; Nov. 10.

Supreme Distributors, Inc., Phoenix, Ariz. Three Cards. For Bourbon Whiskey. 48,387; Nov. 10.

Upholsterers', Carpet & Linoleum Mechanics' Int. Union of N. A., New York, N. Y. Upholsterers' Carpet & Linoleum Mechanics' Int. Union of N. A. For Awnings, Canopies, etc. 48,388; Nov. 10.

Vacuum Wine and Spirits Canning Corp., Elk Grove, Calif. Smile with Vin-Tin-Age. For Wines. 48,389; Nov. 10.

LIST OF REGISTRANTS OF PRINTS

Boyle Furniture Co., Inc., Ogden and Salt Lake City, Utah. The Store with the Friendly Doors. For Household Furnishings, Electrical Appliances, Household Appliances, Gifts, Jewelry, Silverware, and other Gift Shop Items. 15,913; Nov. 10.

Boyle Furniture Co., Inc., Ogden and Salt Lake City, Utah. Where Your Dollars are Big Dollars. For Household Furnishings, Electrical Appliances, Household Appliances, Gifts, Jewelry, Silverware, and other Gift Shop Items. 15,914; Nov. 10

Leichtner, Henry W., Rochester, N. Y. Hollywood Way Portrait. For Photographic Portraits. 15,915; Nov. 10.

Ohio Textile Products Co., The, Ashland, Ohio. "Kady-Ohio" Belts. For Men's Belts. 15,916; Nov. 10.

Red Cedar Products Co., Seattle, Wash. Over Grade. For Red Cedar Shingles. 15,917; Nov. 10.

Stetson China Company, Chicago, Ill. Dinnerware. For Chinaware. 15,918; Nov. 10.

Winslow, Lenna R., Miami, Fla. Follow the Wheel, Tourist Cotton Owners Ass'n. For Guide-books. 15,919; Nov. 10.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Coal. Pittston Company. 340,495; Nov. 10; Serial No. 380,457; published Sept. 1, 1936.

Foundry facing and core compound. Barrett Company. 113,480; renewed Oct. 17, 1936.

Fuel used for creating light, heat, and power. Clear Sky Coalette Fuel Company. 340,414; Nov. 10; Serial No. 373,902; published Sept. 1, 1936.

Leather. Guttmann and Company. 340,479; Nov. 10; Serial No. 379,841; published Sept. 1, 1936.

Plastic material. Celluloid Corporation. 340,489; Nov. 10; Serial No. 380,340; published Sept. 1, 1936.

Seeds. O. M. Scott & Sons Company. 340,485; Nov. 10; Serial No. 379,976; published Sept. 1, 1936.

Seeds, fruit trees, and shrubbery, Farm and garden. R. H. Alexander. 340,453; Nov. 10; Serial No. 378,542; published Sept. 1, 1936.

CLASS 2

Bags, Paper. Union Bag & Paper Corporation. 340,428–9; Nov. 10; Serial Nos. 380,601–2; published Sept. 1, 1936.

Bags, Paper garment and storage. Union Bag & Paper Corporation. 340,435; Nov. 10; Serial No. 380,728; published Sept. 1, 1936.

Caskets and sarcophagi, Burial. National Casket Company Incorporated. 340,442; Nov. 10; Serial No. 380,918; published Sept. 1, 1936.

Chests and closets or the like, Paper cedar. Storage Chests & Closets Corp. 340,511; Nov. 10; Serial No. 377,289; published Sept. 1, 1936.

Wrappers, bags, and containers. Shellmar Products Company. 340,424; Nov. 10; Serial No. 367,630; published Sept. 1, 1936.

CLASS 4

Abrasive stones, sticks, bricks, etc. Norton Company. 340,498; Nov. 10; Serial No. 380,480; published Aug. 25, 1936.

Cleaner for automobiles, floors, walls, etc. Mapor Corporation. 340,421; Nov. 10; Serial No. 371,354; published Aug. 25, 1936.

Cleaner for rugs and upholstery. Nafra Products, Inc. 340,405; Nov. 10; Serial No. 380,220; published Aug. 25, 1936.

Cleaner, Shoe. S. S. Stafford, Inc. 340,395; Nov. 10; Serial No. 380,087; published Aug. 25, 1936.

Cleaner, White shoe. C. T. Spiropulos. 340,456; Nov. 10; Serial No. 336,234; published July 18, 1933.

Cleaning and polishing compounds, Shoe. It Shoe Polish Company. 340,501; Nov. 10; Serial No. 380,571; published Aug. 25, 1936. Class 4.

Cleanser and polish for glass, etc. K. S. Rupp. 340,415; Nov. 10; Serial No. 373,892; published Aug. 25, 1936.

Grinding and polishing wheels of carbid of silicon. Abrasive Material Company. 113,469; renewed Oct. 17, 1936.

Soap. Los Angeles Soap Co. 110,051; renewed May 2, 1936.

Soap, Hand. Sugar Beet Products Company. 340,491; Nov. 10; Serial No. 380,414; published Aug. 25, 1936.

CLASS 6

Astringents, astringent cerates, bleach creams, etc. Ellyn Deleith, Inc. 340,528; Nov. 10.

Chemical dyeing preparations and chemical solvents for rubber. Böhme Fettchemie-Gesellschaft mit beschrankter Haftung. 340,446; Nov. 10; Serial No. 376,524; published Sept. 1, 1936.

Conditioning and cleaning compositions for cooling systems. National Carbon Company. 340,401; Nov. 10; Serial No. 380,015; published Sept. 1, 1936.

Dandruff remedy. J. J. Panzarella. 112,700; renewed Sept. 19, 1936.

Hair tonic. S. Perrone. 340,410; Nov. 10; Serial No. 375,684; published Sept. 1, 1936.

Iodine preparation in powder form. Driodine Corporation. 340,473; Nov. 10; Serial No. 379,551; published Sept. 1, 1936.

Lotion, skin cleansing cream, face powder, etc., Rose petal. W. L. Wisbart. 340,540; Nov. 10.

Medicinal preparations. C. R. O'Malley. 340,412; Nov. 10; Serial No. 375,022; published Sept. 1, 1936.

Medicines, Cough. E. A. Keller. 340,531; Nov. 10.

Nail polish and bleach, powders, lotions, etc. H. C. Bates. 340,387; Nov. 10; Serial No. 379,287; published Sept. 1, 1936.

Nail polish and bleach, powders, lotions, etc. H. C. Bates. 340,388; Nov. 10; Serial No. 379,289; published Sept. 1, 1936.

Pastille for creating a deterrent smoke. F. A. Waples. 340,539; Nov. 10.

Powder, Depilatory. Hall & Ruckel, Inc. 115,759; renewed Mar. 6, 1937.

Powder, Face. Heptagon Laboratories, Inc. 112,186; renewed Aug. 22, 1936.

Preparation for eczema, old sores, skin irritations. Two Brothers. 340,394; Nov. 10; Serial No. 380,090; published Sept. 1, 1936.

Preparation for relief of simple neuralgic pain and muscular soreness. Jadwiga Remedies, Inc. 340,375; Nov. 10; Serial No. 378,915; published Sept. 1, 1936.

Preservatives for yarns, cloths, and silks. E. Teitelbaum. 340,434; Nov. 10; Serial No. 380,727; published Sept. 1, 1936.

Shampoo. R. B. Semler, Inc. 340,381; Nov. 10; Serial No. 379,058; published Sept. 1, 1936.

CLASS 8

Cigarette-paper. Société Anonyme d'Exploitation des Papeteries L. Lacroix Fils. 113,158–9; renewed Oct. 10, 1936.

CLASS 10

Fertilizer. Fort Smith Cotton Oil Co. 340,427; Nov. 10; Serial No. 376,272; published Sept. 1, 1936.

Fertilizer. Pacific Trading Company. 340,458; Nov. 10; Serial No. 358,149; published Sept. 1, 1936.

CLASS 11

Carbon paper and typewriter ribbons. Raven Sales Company Inc. 340,386; Nov. 10; Serial No. 379,259; published Sept. 1, 1936.

Duplicating fluid. Standard Mailing Machines Company. 340,374; Nov. 10; Serial No. 378,908; published Sept. 1, 1936.

Duplicating fluid. Standard Mailing Machines Company. 340,451; Nov. 10; Serial No. 378,457; published Sept. 1, 1936.

Typewriter ribbons and carbon papers. R. Rapp. 340,496; Nov. 10; Serial No. 380,458; published Sept. 1, 1936.

CLASS 12

Bituminous materials for boiler-settings. Barrett Company. 113,479; renewed Oct. 17, 1936.

Construction materials. Barrett Manufacturing Company. 113,481; renewed Oct. 17, 1936.

CLASS 13

Chains. Columbus McKinnon Chain Corporation. 340,420; Nov. 10; Serial No. 371,853; published Sept. 1, 1936.

Shower curtains. Richards, Boggs and King, Inc. 340,518; Nov. 10; Serial No. 378,004; published Sept. 1, 1936.

Valves and other metallic valves, Regulating and reducing. Bastian-Blessing Company. 115,833; renewed Mar. 13, 1937.

CLASS 14

Alloy, Cast iron. Turner & Seymour Manufacturing Company. 340,416; Nov. 10; Serial No. 373,845; published Sept. 1, 1936.

Alloys and rough or semi-finished articles cast or forged therefrom, Aluminum. Aluminum Company of America. 340,481; Nov. 10; Serial No. 379,941; published Sept. 1, 1936.

CLASS 15

Oils and gasoline. Leonard Company. 340,483; Nov. 10; Serial No. 379,965; published Aug. 25, 1936.

Oils, Lubricating. Standard Oil Company of New Jersey. 340,393; Nov. 10; Serial No. 380,128; published Sept. 1, 1936.

Packing and lubricating compounds. Chain Belt Company. 340,476; Nov. 10; Serial No. 379,785; published Aug. 25, 1936.

CLASS 16

Lacquer primer surfacer. Valentine & Company. 340,445; Nov. 10; Serial No. 381,300; published Sept. 1, 1936.

Paint enamels. Technical Color & Chemical Works, Inc. 340,527; Nov. 10.

Paints, Enamel. Keystone Varnish Company. 115,626; renewed Feb. 27, 1937.

Stains, wood-fillers, varnishes, etc., Wood. Pratt & Lambert-Inc. 115,999; renewed Mar. 27, 1937.

Varnishes. Charles Charcowsky, Inc. 340,444; Nov. 10; Serial No. 380,944; published Sept. 1, 1936.

CLASS 17

Tobacco, Pipe. Woodward & Lothrop. 340,488; Nov. 10; Serial No. 380,323; published Sept. 1, 1936.

Tobacco, Smoking and chewing. Christian Peper Tobacco Co. 115,221; renewed Jan. 30, 1937.

CLASS 19

Aeroplanes and structural parts. Dornier-Metallbauten G. m. b. H. 340,447; Nov. 10; Serial No. 376,664; published Sept. 1, 1936.

Aeroplanes and structural parts. Dornier-Metallbauten G. m. b. H. 340,503; Nov. 10; Serial No. 376,881; published Sept. 1, 1936.

Automobiles. Rajore Company. 340,411; Nov. 10; Serial No. 375,569; published Sept. 1, 1936.

Closure devices for automobiles. Eaton Detroit Metal Company. 340,464; Nov. 10; Serial No. 365,931; published Sept. 1, 1936.

Hubs, brakes, and coaster brakes, and their parts, Cycle. New Departure Manufacturing Company. 340,460–1; Nov. 10; Serial Nos. 360,933–4; published Sept. 1, 1936.

Lenses, Automobile safety reflecting signal. Doray Lamp Co. 340,418; Nov. 10; Serial No. 373,075; published Sept. 1, 1936.

CLASS 21

Battery chargers. Baldor Electric Company. 340,423; Nov. 10; Serial No. 368,094; published Sept. 1, 1936.
Electric fans. Knapp-Monarch Company. 340,542; Nov. 10.
Electrical goods and apparatus. Edwards and Company. 340,440; Nov. 10; Serial No. 380,906; published Sept. 1, 1936.
Fuse-plugs. Indicator Corporation. 340,523; Nov. 10.
Fuses and adapters, Plug. National Electric Products Corporation. 340,377; Nov. 10; Serial No. 378,944; published Sept. 1, 1936.
Phones, microphones and microphone stands, relays, etc., Head. Brush Development Company. 340,450; Nov. 10; Serial No. 378,391; published Sept. 1, 1936.
Radio dials. H. A. Bell. 340,413; Nov. 10; Serial No. 374,395; published Sept. 1, 1936.

CLASS 22

Amusement apparatus. Exhibit Supply Company. 340,534; Nov. 10.

CLASS 23

Accessory devices used with internal combustion engines. A C Spark Plug Company. 340,472; Nov. 10; Serial No. 379,544; published Sept. 1, 1936.
Bearings and bushings. General Aluminum & Brass Manufacturing Company. 114,880; renewed Jan. 9, 1937.
Looms, winding machines, warping machines, etc., Warp. Bentley Engineering Company Limited. 340,452; Nov. 10; Serial No. 378,518; published Sept. 1, 1936.
Razor blades and pocket knives. D. H. Rider. 340,471; Nov. 10; Serial No. 379,496; published Sept. 1, 1936.
Razors and hair clippers and parts thereof. Progress Co-poration. 340,380; Nov. 10; Serial No. 379,012; published Sept. 1, 1936.
Water softeners and pumping systems, Mechanical. Duro Company. 340,389; Nov. 10; Serial No. 379,294; published Sept. 1, 1936.

CLASS 26

Film, Sensitized photographic. Agfa Ansco Corporation. 340,438; Nov. 10; Serial No. 380,855; published Sept. 1, 1936.
Heat control device, Oven. Associated Merchandising Corporation. 340,408; Nov. 10; Serial No. 375,924; published Sept. 1, 1936.
Mathematical calculator on a circular disk. O. H. Theophilus. 340,507; Nov. 10; Serial No. 377,034; published Sept. 1, 1936.
Timing device affixed to a gas range. Manual. Associated Merchandising Corporation. 340,409; Nov. 10; Serial No. 375,923; published Sept. 1, 1936.

CLASS 28

Cases, cigarette cases, compacts, etc., Comb. Cohn & Rosenberger, Inc. 340,417; Nov. 10; Serial No. 373,200; published Sept. 1, 1936.
Flatware and hollow ware, Sterling silver and silver plated. National Silver Company. 340,397; Serial No. 380,072; published Sept. 1, 1936.
Jewelry. Girl Scouts, (Incorporated). 340,477; Nov. 10; Serial No. 379,796; published Aug. 25, 1936.
Jewelry. Tau Epsilon Phi Fraternity, Inc. 340,454; Nov. 10; Serial No. 378,682; published Aug. 25, 1936.
Jewelry and jeweler's findings and supplies. F. H. Noble & Co. 340,385; Nov. 10; Serial No. 379,255; published Aug. 18, 1936.
Tablewnre and cutlery, Silver plate. Oneida Ltd. 340,426; Nov. 10; Serial No. 366,529; published Aug. 18, 1936.

CLASS 29

Toothbrushes. Rubberset Company. 340,378; Nov. 10; Serial No. 378,952; published Sept. 1, 1936.

CLASS 31

Refrigerators and refrigerating apparatus. Servel, Inc. 340,455; Nov. 10; Serial No. 331,933; published Dec. 27, 1932.

CLASS 32

Desk, cabinet, and chair, Combination. A. J. Wilkin. 340,433; Nov. 10; Serial No. 380,687; published Sept. 1, 1936.
Mattresses, sofas, divans, etc. Honorbilt Products, Inc. 340,514; Nov. 10; Serial No. 377,618; published Sept. 1, 1936.

CLASS 34

Furnace units having means for heating, cooling, cleaning, etc., air. Reynolds Corporation. 340,504; Nov. 10; Serial No. 376,919; published Sept. 1, 1936.
Furnace units having means for heating, cooling, cleaning, etc., air. Reynolds Corporation. 340,505; Nov. 10; Serial No. 376,921; published Sept. 1, 1936.
Heaters and room cooling units and room ventilating fans, Unit room. Air Devices Corporation. 340,512; Nov. 10; Serial No. 377,375; published Sept. 1, 1936.

CLASS 35

Kits for mending pneumatic tires and tubes, Portable patching. Bowes Seal Fast Corporation. 340,425; Nov. 10; Serial No. 367,596; published Sept. 1, 1936.
Piston rings. C. C. Craven. 340,525; Nov. 10.
Tires and tire-casings, and inner tubes, Rubber. General Tire and Rubber Company. 115,605; renewed Feb. 27, 1937.

CLASS 36

Accordions. Chicago Musical Instrument Company. 340,439; Nov. 10; Serial No. 380,903; published Sept. 1, 1936.
Dictating machines, dictating machine records, and parts therefor. Dictating Machine and Record Corporation. 340,383; Nov. 10; Serial No. 379,086; published Sept. 1, 1936.

CLASS 37

Books, Telephone index. Nascon Service, Inc. 340,384; Nov. 10; Serial No. 379,126; published Sept. 1, 1936.
Paper and stationery. S. Horil. 340,487; Nov. 10; Serial No. 379,999; published Sept. 1, 1936.
Paper for stationery use. Ditto, Incorporated. 340,508–9; Nov. 10; Serial Nos. 377,103–4; published Sept. 1, 1936.
Paper, Transparent, semi-transparent or translucent. Gray Envelope Manufacturing Co. 340,400; Nov. 10; Serial No. 380,054; published Sept. 1, 1936.
Papers, Writing and printing. Keith Paper Company. 115,970; renewed Mar. 27, 1937.
Stencils for duplicating machines and a correction fluid, Dry. Mittag & Volger, Incorporated. 340,484; Nov. 10; Serial No. 379,966; published Sept. 1, 1936.
Tissue, Facial. Charles Croydon Corporation. 340,486; Nov. 10; Serial No. 379,990; published Sept. 1, 1936.

CLASS 38

Journal, Technical. H. F. Houghton & Co. 340,407; Nov. 10; Serial No. 380,203; published Sept. 1, 1936.
Periodical. Cyclist Publishing Company. 340,469; Nov. 10; Serial No. 379,471; published Sept. 1, 1936.
Periodical. Esquire, Inc. 340,497; Nov. 10; Serial No. 380,473; published Sept. 1, 1936.
Publication. M. Freeman. 113,501; renewed Oct. 17.
Publication. T. A. Harris. 340,478; Nov. 10; Serial No. 379,799; published Sept. 1, 1936.
Publication. Wedding Embassy, Inc. 340,403; Nov. 10; Serial No. 380,322; published Sept. 1, 1936.

CLASS 39

Brassières, bandeaus, corsets, etc. Fay-Miss Brassiere Co. 340,510; Nov. 10; Serial No. 377,111; published Aug. 4, 1936.
Clothing. John Gately Co. 115,079; renewed Jan. 23, 1937.
Clothing. Hyman Tiplitz Inc. 340,516; Nov. 10; Serial No. 377,948; published Sept. 1, 1936.
Dresses. Lang-Kohn Manufacturing Company. 340,536; Nov. 10.
Dresses, Bouclé and woolen. Arnold Constable & Co. 340,524; Nov. 10.
Hosiery. Dexdale Hosiery Mills. 340,457; Nov. 10; Serial No. 355,730; published Sept. 1, 1936.
Hosiery. J. A. Struthers. 113,453; renewed Oct. 17, 1936.
Pajamas. Kaylon, Inc. 340,530; Nov. 10.
Pajamas. Ladies' and children's. Belle Knitting Corporation. 340,480; Nov. 10; Serial No. 379,868; published Aug. 11, 1936.
Shirts and blouses and shirt parts. Rice-Stix Dry Goods Co. 340,529; Nov. 10.
Slips, bloomers, petticoats, etc. Aronson-Caplin Company. 340,533; Nov. 10.
Underwear and hosiery. Decelle Undergarment Co. 340,538; Nov. 10.
Underwear, Knitted. Carson, Pirie, Scott & Co. 113,007; renewed Oct. 10, 1936.
Vests, Men's backless. Bloomingdale Bros., Inc. 340,526; Nov. 10.

CLASS 41

Umbrellas. Elmer Kreis & Co. 340,500; Nov. 10; Serial No. 380,517; published Sept. 1, 1936.

CLASS 42

Cloth, Shade. Chas. W. Breneman Co. 340,443; Nov. 10; Serial No. 380,043; published Sept. 1, 1936.
Cotton goods. Riverside & Dan River Cotton Mills, Inc. 340,396; Nov. 10; Serial No. 380,077; published Sept. 1, 1936.
Cotton piece goods and cotton flannels. Amoskeag Manufacturing Company. 113,333; renewed Oct. 17, 1936.
Elastic piece goods. Artistic Foundations, Inc. 340,376; Nov. 10; Serial No. 378,919; published Sept. 1, 1936.
Fabrics, Knitted, netted, and textile. North American Rayon Corporation. 340,465; Nov. 10; Serial No. 366,426; published Sept. 1, 1936.
Fabrics, Knitted, netted, and textile. North American Rayor Corporation. 340,466; Nov. 10; Serial No. 366,428; published Sept. 1, 1936.
Linens. James McCutcheon & Co. 113,268; renewed Oct. 10, 1936.
Piece goods. Celanese Corporation of America. 340,436; Nov. 10; Serial No. 380,757; published Sept. 1, 1936.
Piece goods and dress fabrics. Lasher, Whitman & Co. Inc. 115,975; renewed Mar. 27, 1937.
Piece goods, Knitted. J. W. Brantman. 340,404; Nov. 10; Serial No. 380,256; published Sept. 1, 1936.
Textile fabrics. Hamilton Print Works. 340,441; Nov. 10; Serial No. 380,910; published Sept. 1, 1936.

CLASS 43

Thread and yarn. North American Rayon Corporation. 340,467; Nov. 10; Serial No. 366,429; published Sept. 1, 1936.
Yarns for art needlework. Bernhard Ulmann Co. Inc. 340,392; Nov. 10; Serial No. 379,362; published Sept. 1, 1936.
Yarns for art needlework. Bernhard Ulmann Co. Inc. 340,468; Nov. 10; Serial No. 379,363; published Sept. 1, 1936.
Yarns for art needlework. Bernhard Ulmann Co. Inc. 340,515; Nov. 10; Serial No. 377,759; published Sept. 1, 1936.

CLASS 44

Cements, alloys, wax, and modeling compounds for dentists' use. Menagh Dental Supply Co. 112,790; renewed Sept. 26, 1936.
Dental and surgical appliances. Harvard Company. 112,893; renewed Oct. 3, 1936.
Dental materials, supplies, and products. De Lux-O-Dent Corporation. 340,474; Nov. 10; Serial No. 379,682; published Sept. 1, 1936.
Dental supplies and instruments. S. Gallagher, Jr. 109,454; renewed Apr. 11, 1936.
Hot-water bottles and fountain syringes. Peninsular Chemical Company. 115,015; renewed Jan. 16, 1937.
Pads used in the permanent waving of human hair. E. Frederics, Inc. 340,462; Nov. 10; Serial No. 361,086; published Aug. 27, 1935.
Toothpicks. Estate of Charles Forster. 340,493–4; Nov. 10; Serial No. 380,450–1; published Sept. 1, 1936.

CLASS 46

Alimentary paste. Ravarino & Freschi Importing & Mfg. Co. 114,383; renewed Dec. 12, 1936.
Bread. Davidson Baking Co. 340,541; Nov. 10.
Candy. Kerr's Butter Scotch, Inc. 340,470; Nov. 10; Serial No. 379,477; published Sept. 1, 1936.
Candy. Edgar P. Lewis & Sons, Inc. 340,532; Nov. 10.
Candy bars. J. G. Forsey. 340,402; Nov. 10; Serial No. 380,504; published Sept. 1, 1936.
Canned chicken and egg noodles and canned spaghetti. Penthouse Foods, Inc. 340,437; Nov. 10; Serial No. 380,790; published Sept. 1, 1936.
Canned fruits and vegetables. H. C. Hemingway & Co. 115,612; renewed Feb. 27, 1937.
Canned fruits, canned vegetables, tomato catsup, etc. T. J. Sweet. 116,010; renewed Mar. 27, 1937.
Cheese. Gerber & Co. 113,880; renewed Nov. 7, 1936.
Coffee, wheat flour, and vinegar. Royal Blue Stores, Inc. 340,502; Nov. 10; Serial No. 376,816; published Sept. 1, 1936.
Crackers and graham crackers, Soda. Anthony Macaroni and Pretzel Company. 340,482; Nov. 10; Serial No. 379,942; published Sept. 1, 1936.
Flour, Mixed. Albers Bros. Milling Co. 340,535; Nov. 10.
Flour, Self-rising. Clark Milling Company. 113,683; renewed Oct. 31, 1936.
Flour, Wheat. Ada Milling Company 340,449; Nov. 10; Serial No. 378,384; published Sept. 1, 1936.
Flour, Wheat. Arkansas City Flour Mills Co. 340,382; Nov. 10; Serial No. 379,070; published Aug. 11, 1936.
Flour, Wheat. Tennant & Hoyt Company. 340,519; Nov. 10; Serial No. 378,112; published Sept. 1, 1936.
Flour, Wheat. Washburn-Crosby Co. 115,707–8; renewed Feb. 27, 1937.
Fruit, Citrus. Brooksville Citrus Growers Association. 115,062; renewed Jan. 23, 1937.
Fruit, Fresh citrus. Fullerton Co-operative Orange Assn. 340,430–2; Nov. 10; Serial No. 380,631–3; published Sept. 1, 1936.
Gum, Chewing. American Chicle Company. 340,373; Nov. 10; Serial No. 376,318; published Aug. 18, 1936.
Meat products. John Morrell & Co. 113,776–7; renewed Oct. 31, 1936.
Nut meats, peanuts, and coconut, etc. Buffalo Nut Shops, Inc. 340,522; Nov. 10.
Pineapple juice. Hawaiian Canneries Company. 340,490; Nov. 10; Serial No. 380,398; published Sept. 1, 1936.
Pretzels, pretzel sticks. Becker Pretzel Bakeries Inc. 340,475; Nov. 10; Serial No. 379,780; published Sept. 1, 1936.
Salad dressings. Mrs Schlorer's, Inc. 340,506; Nov. 10; Serial No. 376,961; published Sept. 1, 1936.

CLASS 47

Claret. K. Arakelian, Inc. 340,520; Nov. 10; Serial No. 378,118; published Sept. 1, 1936.
Muscatel. K. Arakelian, Inc. 340,448; Nov. 10; Serial No. 378,123; published Sept. 1, 1936.
Sherry. K. Arakelian, Inc. 340,521; Nov. 10; Serial No. 378,120; published Sept. 1, 1936.
Wine. Engels & Krudwig Wine Co. 340,379; Nov. 10; Serial No. 378,985; published Sept. 1, 1936.
Wine. Padre Vineyard Company. 340,517; Nov. 10; Serial No. 377,994; published Sept. 1, 1936.
Wine. San Gabriel Wine Company. 340,391; Nov. 10; Serial No. 379,355; published Sept. 1, 1936.
Wines. M. C. Bernard. 340,513; Nov. 10; Serial No. 377,534; published Sept. 1, 1936.
Wines. J. S. Concannon. 340,459; Nov. 10; Serial No. 360,624; published Sept. 1, 1936.
Wines. La Perla Vineyard Company. 340,398–9; Nov. 10; Serial No. 380,062–3; published Sept. 1, 1936.
Wines. Pierre-Bonard, Inc. 340,422; Nov. 10; Serial No. 370,032; published Sept. 1, 1936.

CLASS 48

Beer. Burton Products, Inc. 340,499; Nov. 10; Serial No. 380,496; published Sept. 1, 1936.

CLASS 49

Whiskey. Continental Distilling Corporation. 340,537; Nov. 10.
Whiskey, brandy, rum, and gin. C. Mahler. 340,406; Nov. 10; Serial No. 380,210; published Sept. 1, 1936.

CLASS 50

Fly paper, Sticky. O. & W. Thum Company. 340,463; Nov. 10; Serial No. 365,711; published Sept. 1, 1936.
Ladder shoes, Non-slip. Rose Manufacturing Company. 340,390; Nov. 10; Serial No. 379,327; published Sept. 1, 1936.
Matrixes, Stereotype. Cresset Company. 340,492; Nov. 10; Serial No. 380,440; published Sept. 1, 1936.
Waterproofed woven cloth. NuArt Fibre Products Company. 340,419; Nov. 10; Serial No. 372,632; published Sept. 1, 1936.

LIST OF LABELS

Army and Navy Liniment. For Liniment. G. T. Hines. 48,383; Nov. 10.
Banquet (McCormick's) 100 Orange Pekoe Tea Bags. For Individual Tea Bags. McCormick & Co. 48,386; Nov. 10.
Dawn Hair Restorer. For Hair Restorer. M. Avedisian. 48,380; Nov. 10.
Icelite Battery Refrigerator Light. For Battery Operated Refrigerator Lights. C. F. Burgess Laboratories, Inc. 48,381; Nov. 10.
Imperial. For Ginger Ale. Imperial Beverage Company. 48,385; Nov. 10.
Nervine Bitters. For Bitters. G. T. Hines. 48,384; Nov. 10.
Number One Brand China Rice. For Rice. China Rice Importing Company. 48 382; Nov. 10.
Smile with Vin-Tin-Age. For Wines. Vacuum Wine and Spirits Canning Corp. 48,389; Nov. 10.
Three Cards. For Bourbon Whiskey. Supreme Distributors, Inc. 48,387; Nov. 10.
Upholsterers', Carpet & Linoleum Mechanics' Int. Union of N. A. For Awnings, Canopies, etc. Upholsterers', Carpet & Linoleum Mechanics' Int. Union of N. A. 48,388; Nov. 10.

LIST OF PRINTS

Dinnerware. For Chinaware. Stetson China Company. 15,918; Nov. 10.
Follow the Wheel, Tourist Cottage Owners Ass'n. For Guide-books. L. R. Winslow. 15,919; Nov. 10.
Hollywood Way Portrait. For Photographic Portraits. H. W. Leichtner. 15,915; Nov. 10.
"Kady-Ohio" Belts. For Men's Belts. Ohio Textile Products Co. 15,916; Nov. 10.
Over Grade. For Red Cedar Shingles. Red Cedar Products Co. 15,917; Nov. 10.
The Store with the Friendly Doors. For Household Furnishings, Electrical Appliances, Household Appliances, Gifts, Jewelry, Silverware and Other Gift Shop Items. Boyle Furniture Co. 15,913; Nov. 10.
Where Your Dollars are Big Dollars. For Household Furnishings, Electrical Appliances, Household Appliances, Gifts, Jewelry, Silverware, and Other Gift Shop Items. Boyle Furniture Co. 15,914; Nov. 10.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 10TH DAY OF NOVEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

American Sterilizer Company. (See Jewell, Raymond L., assignor.)
Draving, Arthur M., assignor to H. H. Eby, Philadelphia, Pa. Molded socket. 20,162; Nov. 10.
Eby, Hugh H. (See Draving, Arthur M., assignor.)
Finch, James L., Rocky Point, N. Y., assignor to Radio Corporation of America. Keying. 20,163; Nov. 10.
Jewell, Raymond L., Millcreek Township, Erie County, assignor to American Sterilizer Company, Erie, Pa. Water sterilizer. 20,164; Nov. 10.
Knapp, Andrew S., assignor to Knapp-Monarch Company, Belleville, Ill. Iron handle. 20,165; Nov. 10.
Knapp-Monarch Company. (See Knapp, Andrew S., assignor.)
Kucher, Andrew A., Dayton, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Refrigerating machine. 20,166; Nov. 10.
Line Material Company. (See Steinmayer, Alwin G., assignor.)
National Cash Register Company, The. (See Smith, Abraham, assignor.)
Radio Corporation of America. (See Finch, James L., assignor.)
Rankow, Harry A. (See Viall, W. G., and Rankow.)
Smith, Abraham, Erie, Pa., assignor to the National Cash Register Company. Bookkeeping machine. 20,167; Nov. 10.
Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Fuse. 20,168; Nov. 10.
Viall, William G., Bloomfield, N. J., and H. A. Rankow, Bronx, N. Y. Shaving instrument. 20,169; Nov. 10.
Westinghouse Electric & Manufacturing Company. (See Kucher, Andrew A., assignor.)

LIST OF DESIGN PATENTEES

Air-Way Electric Appliance Corporation. (See Dow, D. M., and Burmeister, assignors.)
Air-Way Electric Appliance Corporation. (See Latta, Lynn H., assignor.)
American Perforator Company. (See Rix, Edward G., assignor.)
Ansonia De Luxe Shops, Inc. (See Weisman, Seymour, assignor.)
Austin, Ellsworth W., assignor to La Plante-Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Earth moving device. 101,846; Nov. 10.
Baker, Frank L., Tacoma, Wash. Fishing rod handle. 101,847; Nov. 10.
Bassick Company, The. (See Herold, Walter F., assignor.)
Bate, Joseph R., assignor to Invincible Metal Furniture Company, Manitowoc, Wis. Desk or similar article. 101,848; Nov. 10.
Booth, Earl C., Columbus, Ind. Casing for an automobile-body heater or similar article. 101,849; Nov. 10.
Bowen, William F., North Attleboro, Mass., assignor to Evans Case Company. Handbag or the like. 101,850; Nov. 10.
Brandt, Sade I., Brooklyn, N. Y. Ensemble dress. 101,851; Nov. 10.
Brown, Edward L., New York, N. Y. Lighting fixture for typewriters. 101,916; Nov. 10.
Bunting, Robert R., Paris, France. Shoe or similar article. 101,852; Nov. 10.
Bunting, Robert R., Paris, France. Shoe or similar article. 101,853; Nov. 10.
Burgess Battery Company. (See Reynolds, Benjmin S., assignor.)
Burmeister, Frederick H. (See Dow, D. M., and Burmeister.)
Carr-Lowrey Glass Co. (See Leach, Walter R., assignor.)
Carr-Lowrey Glass Co. (See McLaughlin, Frank, assignor.)
Crowe Name Plate & Manufacturing Co. (See Salyards, William E., Jr., assignor.)
Dean, John R., assignor to Warner Jewelry Case Company, Buffalo, N. Y. Jewelry box. 101,854; Nov. 10.
Dormeyer, A. F., Mfg. Co. (See Strauss, Hermann M. A., assignor.)
Dow, Dewey M., and F. H. Burmeister, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner cover casing. 101,855; Nov. 10.
Dow, Dewey M., and F. H. Burmeister, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 101,856; Nov. 10.
Dow, Dewey M., and F. H. Burmeister, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner fan casing assembly. 101,857; Nov. 10.
Dreyfuss, Henry, New York, N. Y., assignor to The Hoover Company, North Canton, Ohio. Casing for a suction cleaner or similar article. 101,858; Nov. 10.
Eash, Otto M., assignor to L. H. Strickler, Oakland, Calif. Beverage dispenser casing. 101,859; Nov. 10.
Ebeling, Henry O., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa. Serving spoon or similar article. 101,860; Nov. 10.
Ebeling, Henry O., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa. Dish or similar article. 101,861; Nov. 10.
Ebeling & Reuss, Inc. (See Ebeling, Henry O., assignor.)
Ebeling, Walter, assignor to E. R. Reed and Company, Rochester, N. Y. Shoe. 101,845; Nov. 10.
Ehrenfeld, Louis. (See White, H. K., Stephen, and Ehrenfeld.)
Evans Case Company. (See Bowen, William F., assignor.)
Fehn, Joseph, San Antonio, and B. Schmidt, La Grange, Tex. Foot exercising footrest. 101,862; Nov. 10.
Felmann, Henri, assignor to Morris Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 101,863; Nov. 10.
Felmann, Henri, assignor to Morris, Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 101,864; Nov. 10.
Fineberg, Abraham, Detroit, Mich. Carpet sweeper. 101,917; Nov. 10.
Fuerst, Brooks D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Cup. 101,865; Nov. 10.
Geromanos, George W., Rahway, N. J. Vehicle axle end plate. 101,866; Nov. 10.
Gilbert, Dave, New York, N. Y. Shoe. 101,867; Nov. 10.
Gobstein, Abe, Bronx, N. Y. Lamp. 101,868; Nov. 10.
Hagman, Ida C. (See Weldon, M., and Hagman.)
Helm, Jacques, Paris, France. Textile fabrics or similar article. 101,869; Nov. 10.
Helm, Jacques, Paris, France. Textile fabric or similar article. 101,870; Nov. 10.
Helm, Jacques, Paris, France. Textile fabric or similar article. 101,918; Nov. 10.
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Caster. 101,871; Nov. 10.
Hoover Company, The. (See Dreyfuss, Henry, assignor.)
Hurlbut, Gordon B., Watertown, assignor to The Plume & Atwood Manufacturing Company, Waterbury, Conn. Ceiling lighting fixture. 101,872; Nov. 10.
Hurzeler, Alphons, New Rochelle, N. Y. Shoe. 101,873; Nov. 10.
Invincible Metal Furniture Company. (See Bate, Joseph R., assignor.)
Jeffries, Morris H., Ranger, Tex. Tie rack. 101,874; Nov. 10.
Kaufmann, George A., Essex Fells, N. J. Brassière or similar article. 101,875; Nov. 10.
Koehring Company. (See Tranaas, Emil L., assignor.)
Lalinsky, George J., Detroit, Mich. Liquid dispensing container or the like. 101,876; Nov. 10.
La Plant-Choate Manufacturing Company. (See Austin, Ellsworth W., assignor.)
Latta, Lynn H., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 101,877; Nov. 10.
Leach, Walter R., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 101,919; Nov. 10.
Leppke, Louis A., Omaha, Neb. Bottle or similar container. 101,879; Nov. 10.
Lewis, Florence N., New York, N. Y. Handbag. 101,880; Nov. 10.
Lewis, Florence N., New York, N. Y. Handbag. 101,920; Nov. 10.
Maclean, Robert S., assignor to Mastic Asphalt Corporation, South Bend, Ind. Building siding. 101,921; Nov. 10.
Mastic Asphalt Corporation. (See Maclean, Robert S., assignor.)
McKane, Hugh J., Kingston, Pa. Foot stool. 101,881; Nov. 10.
McLaughlin, Frank, Chicago, Ill., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Cream jar. 101,878; Nov. 10.
Morris, Mann & Reilly, Inc. (See Felmann, Henri, assignor.)

Muzzo, Ross C., Toledo, Ohio. Smoker's utensil. 101,882; Nov. 10.
New Jersey Porcelain Company. (See Smith, James R., Sr., assignor.)
Owens-Illinois Glass Company. (See Fuerst, Brooks D., assignor.)
Palladino, Filomeno, Newark, N. J. Urn. 101,922; Nov. 10.
Pasmantier, John L., New York, N. Y. Plate. 101,883; Nov. 10.
Pasmantier, John L., New York, N. Y. Plate. 101,884; Nov. 10.
Pellicone, Vincent, Hollywood, Calif. Road marker for public highways. 101,885; Nov. 10.
Perugia, Andre, Paris, France. Shoe or similar article. 101,886; Nov. 10.
Plume & Atwood Manufacturing Company, The. (See Hurlbut, Gordon B., assignor.)
Reed, E. P., and Company. (See Ebling, Walter, assignor.)
Reynolds, Benjamin S., assignor to Burgess Battery Company, Madison, Wis. Communication booth. 101,887; Nov. 10.
Ringold, Samuel, Los Angeles, Calif. Cake of soap. 101,888; Nov. 10.
Rix, Edward G., assignor to American Perforator Company, Chicago, Ill. Casing for a perforating apparatus. 101,889; Nov. 10.
Romer, Charles J., New York, N. Y. Combination corsage handkerchief and perfume container. 101,923; Nov. 10.
Salyards, William E., Jr., Highland Park, assignor to Crowe Name Plate & Manufacturing Co., Chicago, Ill. Radio dial escutcheon plate. 101,890; Nov. 10.
Schmidt, Bernhard. (See Fehn, J., and Schmidt.)
Schneider, Louis, New York, N. Y. Coat. 101,891; Nov. 10.
Seltzer, Samuel L., Chicago, Ill. Egg carton. 101,892; Nov. 10.
Sheaffer, W. A., Pen Company. (See Williams, David, assignor.)
Signor, William E., Gettysburg, Pa. Automotive wigwag stop signal. 101,893; Nov. 10.
Smith, James R., Sr., assignor to New Jersey Porcelain Company, Trenton, N. J. Combined toilet paper holder and ash receiver. 101,924; Nov. 10.
Steinman, William G., New York, N. Y. Dress ensemble. 101,894; Nov. 10.
Stephen, George A. (See White, H. K., Stephen, and Ehrenfeld.)
Stoddard, Guy, Twin Falls, Idaho. Chair. 101,895; Nov. 10.
Strauss, Hermann M. A., assignor to A. F. Dormeyer Mfg. Co., Chicago, Ill. Electric food chopper or similar article. 101,896; Nov. 10.
Strickler, L. H. (See Eash, Otto M., assignor.)
Swanson, Oscar A. (See Wilson, R. C., and Swanson.)
Tausend, Francis J., New York, N. Y. Table cloth or similar article. 101,897; Nov. 10.
Taylor, Benjamin F., Pontiac, Mich. Combination food-serving dish. 101,898; Nov. 10.
Thompson, Mark M., Sr., Atlantic, Iowa. Radio light clock. 101,925; Nov. 10.
Tranaas, Emil L., assignor to Koehring Company, Milwaukee, Wis. Dumping vehicle. 101,926; Nov. 10.
Troy, Seymour, New York, N. Y. Shoe or similar article. 101,899; Nov. 10.
VonNessen, Walter, New York, N. Y. Glass sugar bowl or similar article. 101,900; Nov. 10.
Vuillemenot, Frederic A., Toledo, Ohio. Atomizer case. 101,901; Nov. 10.
Vuillemenot, Frederic A., Toledo, Ohio. Atomizer. 101,902; Nov. 10.
Vuillemenot, Frederick A., Toledo, Ohio. Atomizer. 101,903; Nov. 10.
Vuillemenot, Frederic A., Toledo, Ohio. Atomizer case. 101,904; Nov. 10.
Walter, Anton, New York, N. Y. Embroidered net. 101,905; Nov. 10.
Warner Jewelry Case Company. (See Dean, John R., assignor.)
Weaver, Harry R., Wilkes-Barre, Pa. Artificial bait. 101,906; Nov. 10.
Weber Bros. Metal Works. (See White, H. K., Stephen, and Ehrenfeld, assignors.)
Webster, Evelyn, Gloversville, N. Y. Glove. 101,927; Nov. 10.
Weisman, Seymour, Brooklyn, assignor to Ansonia De Luxe Shops, Inc., New York, N. Y. Shoe. 101,907; Nov. 10.
Weldon, Myrtle, and I. C. Hagman, Lexington, Ky. Badge. 101,908; Nov. 10.
White, Harold K., G. A. Stephen, and L. Ehrenfeld, assignors to Weber Bros. Metal Works, Chicago, Ill. Mashing apparatus or similar article. 101,909; Nov. 10.
Williams, David, Beverly Hills, Calif., assignor to W. A. Sheaffer Pen Company, Fort Madison, Wis. Fountain pen holder desk unit. 101,910; Nov. 10.
Wilson, Roscoe C., Fairfield, Ohio, and O. A. Swanson, Santa Monica, Calif. Tandem motored biplane. 101,928; Nov. 10.
Zuckerman, Harry, New York, N. Y. Coat. 101,911; Nov. 10.
Zuckerman, Harry, New York, N. Y. Coat. 101,912; Nov. 10.
Zuckerman, Harry, New York, N. Y. Coat. 101,913; Nov. 10.
Zuckerman, Harry, New York, N. Y. Coat. 101,914; Nov. 10.
Zuckerman, Harry, New York, N. Y. Coat. 101,915; Nov. 10.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 10TH DAY OF NOVEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abbott, Henry H., Yonkers, N. Y., assignor to American Telephone and Telegraph Company. Stock quotation system. 2,060,545; Nov. 10.
Abercrombie & Fitch Company. (See Baxter, William F., assignor.)
Abraham, Leonard G., Madison, N. J., assignor to American Telephone and Telegraph Company. Two-way signaling system. 2,060,008; Nov. 10.
Adams, A. J., et al. (See Harriman, William L., assignor.)
Adams, Edwin G., The Dalles, Oreg. Hose support. 2,060,390; Nov. 10.
Agfa Ansco Corporation. (See Lingg, A., and Gellus, assignors.)
Agfa Ansco Corporation. (See Schneider, Wilhelm, assignor.)
Agfa Ansco Corporation. (See Schneider, W., and Willmanns, assignors.)
Ajax Electric Company. (See Clamer, Guilliam H., assignor.)
Aktiengesellschaft Brown, Boveri & Cie. (See Scippel, Claude, assignor.)
Albright, Harry W., Blue Island, Ill. Mangle. 2,060,273; Nov. 10.
Alder, Jenness A. (See Alder, William F., assignor.)
Alder, William F., assignor, by mesne assignments, to J. A. Alder, Altadena, Calif. Acoustic testing apparatus. 2,060,009; Nov. 10.
Alexander, Clyde. (See Suppiger, G. S., Alexander, and Schreiber.)
Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track switch controlling apparatus. 2,060,486; Nov. 10.
Allen, Edward W., Jr., Washington, D. C. Automatic program selector for radio receivers. 2,060,546; Nov. 10.
Allen George W., Hyde Park, Boston, assignor to B. F. Sturtevant Company, Boston, Mass. Bearing. 2,060,651; Nov. 10.
Allen, Hugh E., assignor of one-half to A. G. McCaleb, Evanston, Ill. Sausage manufacture. 2,060,160; Nov. 10.
Allen, James L. (See Stinson, Lyman A., assignor.)
Allied Products Corporation. (See Richard, Clement C., assignor.)
Allis-Chalmers Manufacturing Company. (See Hill, Leland H., assignor.)
Allis-Chalmers Manufacturing Company. (See Johnson, George W., assignor.)
Altmann, Hans P., Berlin-Charlottenburg, Germany. Device for frightening animals. 2,060,161; Nov. 10.
Alvarez, Leo A. (See Willats, H. B., and Alvarez.)
American Cooling Tower Company. (See Hopkins, E. R., and Baraban, assignors.)
American District Telegraph Company. (See Hopkins, R. M., and Laford, assignors.)
American Forging and Socket Company. (See Saunders, Walter S., assignor.)
American Gypsum Co., The. (See Finefrock, T. P., and O'Neil, assignors.)
American Machine & Foundry Company. (See Rundell, Rupert E., assignor.)
American Magnesium Metals Corporation. (See Hansgirg, Fritz, assignor.)
American Metal Company Limited, The. (See Heuer, Russell P., assignor.)
American Optical Company. (See Moulton, Harold R., assignor.)
American Smelting and Refining Company. (See Teats, Roscoe, assignor.)
American Stove Company. See Hoffman, Rudolph, assignor.)
American Telephone and Telegrapn Company. (See Abbott, Henry H., assignor.)
American Telephone and Telegraph Company. See Abraham, Leonard G., assignor.)
American Telephone and Telegraph Company. (See Cowan, Frank A., assignor.)
American Telephone and Telegraph Company. (See Miller, Charles G., assignor.)
Amery & Sons, Inc. (See Goodman, Wade H., assignor.)
Andreas, Arno, Munster, Germany, assignor to Bagpak Inc., New York, N. Y. Bag filling machine. 2,060,011; Nov. 10.
Andrews, Garnett, Nashville, Tenn. Pneumatic inner tube. 2,060,714; Nov. 10.
Andrews, Robert J. M. (See Searle, A. M., Hunt, and Andrews.)
Apex Electrical Manufacturing Company, The. (See Te Pas, Edmund J., assignor.)
Armstrong, H. Arnott. (See McIntyre, William W., assignor.)
Armstrong Manufacturing Co. (See Clabby, M. J., and Ashmun, assignors.)
Arnold, Charles A., West Haven, Conn. Sand spreader. 2,060,652; Nov. 10.
Arnold, Edwin E., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Commutator structure. 2,060,480; Nov. 10.
Arsneau, George, Los Angeles, Calif., assignor, by mesne assignments, to Dow Power Saw Company. Chain saw. 2,060,547; Nov. 10.
Arvin, James A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins. 2,060,715; Nov. 10.
Arvin, James A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins. 2,060,716; Nov. 10.
Ashmun, Harry S. (See Clabby, M. J., and Ashmun.)
Aspen, Alfred W. (See Buck, H. G., and Aspen.)
Assel, Walter J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Rolling tubes and rods. 2,060,767; Nov. 10.
Assel, Walter J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Tube mill. 2,060,768; Nov. 10.
Atchison, Leonard W., Schenectady, N. Y., assignor to General Electric Company. Refrigerator evaporator. 2,060,653; Nov. 10.
Ateliers de Constructions Electriques de Delle. (See Clerc, André, assignor.)
Atlantic Refining Company, The. (See Oberseider, J. L., and Robison, assignors.)
Attwood, Norman H., R. F. Munch, W. O. Lickert, and T. A. Baughman, Omaha, Nebr. Splint. 2,060,001; Nov. 10.
Austin, Bascum O., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric switch. 2,060,481; Nov. 10.
Austin, William E., New York, N. Y., assignor to Bank of The Manhattan Company. Alkyl chloro-resorcinols. 2,060,654; Nov. 10.
Automatic Machine Manufacturing Company. (See Shearer, Harry T., assignor.)
Awbrey, Samuel C., assignor to Floor Accessories Company, Inc., Kansas City, Mo. Binding and dividing bar. 2,060,274; Nov. 10.
Babcock & Wilcox Company, The. (See Richardson, R., and Bateman, assignors.)
Badger Carton Company. (See Pergande, George, assignor.)
Bagpak, Inc. (See Andreas, Arno, assignor.)
Bahney, Luther W., Elizabeth, N. J., assignor, by mesne assignments, to Scovill Manufacturing Company, Waterbury, Conn. Refining metals. 2,060,137; Nov. 10.
Bailey, David C., Amesbury, Mass. Window glass guide. 2,060,656; Nov. 10.
Bakelite Corporation. (See Johnston, Robert T., assignor.)
Baker, Edward H., Belmont, Mass. Motor cooling means. 2,060,363; Nov. 10.
Baker, Howard H., Buffalo, N. Y. Polishing mop or duster. 2,060,012; Nov. 10.
Baker Oil Tools, Inc. (See Baker, Reuben C., assignor.)
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Grief stem straightener. 2,060,013; Nov. 10.
Balch, Thomas V., Shaker Heights, assignor to The E. F. Hauserman Company, Cleveland, Ohio. Sanitation system for metallic building structures. 2,060,655; Nov. 10.
Ball, Albert P., assignor to Square D Company, Detroit, Mich. Protective cover for electric switches. 2,060,603; Nov. 10.
Ball, Charles F., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Multiple unit concrete pumping apparatus. 2,060,409; Nov. 10.
Balle, Gerhard, Frankfort-on-the-Main-Hochst, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Synthetic resins. 2,060,410; Nov. 10.
Ballman, Edwin C., St. Louis, Mo. Air cooler. 2,060,482; Nov. 10.
Ballou, B. A., & Co. (See Morehouse, Eugene, assignor.)
Bamberger, Joseph, Cincinnati, Ohio. Signal device for motor vehicles. 2,060,483; Nov. 10.
Bank of The Manhattan Company. (See Austin, William E., assignor.)
Baraban, Nathan. (See Hopkins, E. R., and Baraban.)
Barks, Frank S., St. Louis, A. P. Fox, University City, and W. Z. Linders, Normandy, assignors to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 2,060,456; Nov. 10.

Barnes, Frederick J. T., Brisbane, Australia. Cooling device for liquids. 2,060,014; Nov. 10.

Barnes, Gladeon M., Hastings, Mich., and W. E. Preston, Aberdeen, Md. Suspension for vehicles. 2,060,015; Nov. 10.

Barnes, Louis T. (See Hippen, R. W., and Barnes.)

Barrett Company, The. (See Harvey, Edward W., assignor.)

Barry, Edward R., Detroit, Mich., assignor to Gar Wood Industries, Inc. Tank truck and fluid circulating system. 2,060,484; Nov. 10.

Barry, James P., Piedmont, assignor to Hammond Lumber Company, San Francisco, Calif. Cooling tower. 2,060,275; Nov. 10.

Barry, Leonard, Auckland, New Zealand. Trousers. 2,060,775; Nov. 10.

Barsky, George, New York, N. Y. Phenolic condensation products and producing same. 2,060,457; Nov. 10.

Barthélemy, Henri L., Rome, Ga., assignor to Tubize Chatillon Corporation. Artificial silk. 2,060,016; Nov. 10.

Bartlett, Edward R., executor. (See Bartlett, Lawrence M.)

Bartlett, Lawrence M., deceased, Buffalo, by E. R. Bartlett, executor, Bronxville, N. Y. Resilient support for engines. 2,060,604; Nov. 10.

Bassick Company, The. (See Herold, Walter F., assignor.)

Bateman, William S., Jr. (See Richardson, R., and Bateman.)

Bates, Charles W., West Springfield, assignor to Blair Manufacturing Company, Springfield, Mass. Snow plow. 2,060,717; Nov. 10.

Bates, Harry, assignor to Bates Laboratories, Inc., New York, N. Y. Noiseless typewriter. 2,060,718; Nov. 10.

Bates, Harry, assignor to Bates Laboratories, Inc., New York, N. Y. Noiseless typewriter. 2,060,719; Nov. 10.

Bates Laboratories, Inc. (See Bates, Harry, assignor.)

Battery Patents Corporation. (See Lewis, George S., assignor.)

Bauer & Schaurte, Rheinische Schrauben u. Mutternfabrik A. G. (See Schaurte, W. T., and Thum, assignors.)

Baughman, Thomas A. (See Attwood, N. H., Munch, Lickert, and Baughman.)

Baxter, William F., Beach Haven, N. J., assignor to Abercrombie & Fitch Company, New York, N. Y. Fishing harness. 2,060,751; Nov. 10.

Bear, Joseph et al. (See Vass, Joseph, assignor.)

Beauchamp, Wilfred A., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Track bracket. 2,060,720; Nov. 10.

Bedford, Burnice D. (See Willis, C. H., and Bedford.)

Bell, Charles W., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track switch controlling apparatus. 2,060,485; Nov. 10.

Bell Telephone Laboratories, Incorporated. (See Carpenter, Warren W., assignor.)

Bell Telephone Laboratories, Incorporated. (See Dimond, Thomas L., assignor.)

Bell Telephone Laboratories, Incorporated. (See Knoop, William A., assignor.)

Bell Telephone Laboratories, Incorporated. (See Low, Frank K., assignor.)

Bell Telephone Laboratories, Incorporated. (See Miller, Daniel D., assignor.)

Bell Telephone Laboratories, Incorporated. (See Stokely, Ray L., assignor.)

Bender, Edward G., New York, N. Y. Dustless bag emptying attachment. 2,060,776; Nov. 10.

Bendix Aviation Corporation. (See Spengler, Walter J., assignor.)

Benner, Raymond C., assignor to The Carborundum Company, Niagara Falls, N. Y. Cast refractory and manufacturing the same. 2,060,017; Nov. 10.

Bernz, Niles R., New York, N. Y. Electrostatic cleaning device. 2,060,018; Nov. 10.

Bethlehem Steel Company. (See McCarty, Richard J., Jr., assignor.)

Bethlehem Steel Company. (See Nieman, Henry W., assignor.)

Biancalana, Eugene, Richmond Hill, N. Y. Refrigeration for meat grinders or like devices. 2,060,605; Nov. 10.

Biddle, William C. (See Corbin, E. A., Jr., and Wolf, assignors.)

Billstein, Arthur E. F., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Railflaw detector. 2,060,458; Nov. 10.

Bird, William G., Redland, Bristol, England. Electrical speed-indicator and revolution-counter. 2,060,721; Nov. 10.

Birkenmaier, Theodore. (See Matthews, C. L., and Birkenmaier.)

Birnstock, William W., York, Pa. Bottle crate. 2,060,019; Nov. 10.

Bishop & Babcock Mfg. Company, The. (See Bondurant, Carlton W., assignor.)

Bishop & Babcock Mfg. Company, The. (See Golob, John E., assignor.)

Bishop & Babcock Mfg. Company, The. (See Mayo, Edward L., assignor.)

Blair Manufacturing Company. (See Bates, Charles W., assignor.)

Blankenbuehler, John H., Swissvale, and A. C. Hunkeler, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Welding apparatus. 2,060,489; Nov. 10.

Bleecker, George W., trustees, et al. (See Martin, Laurence C.)

Boaler, William H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of knitted fabrics. 2,060,020; Nov. 10.

Bockmühl, Max, Frankfort-on-the-Main, E. Simons, Hofheim-on-the-Taunus, and E. Dörzbach, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Albuminous solutions which do not form flakes. 2,060,021; Nov. 10.

Boe, Hielmer J., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric cable and apparatus for manufacturing it. 2,060,162; Nov. 10.

Bold, John W. (See Ryan, W. M., and Bold.)

Bolling, Douglass T., Owensboro, Ky. Rod coupling. 2,060,548; Nov. 10.

Bommer, Max. (See Felix, F., Bommer, and Huber.)

Bondurant, Carlton W., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Bottle filling method and apparatus. 2,060,276; Nov. 10.

Bonhôte, Gérald, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs. 2,060,163; Nov. 10.

Bonney-Floyd Company, The. (See Edmunds, Glenn E., assignor.)

Bonney-Floyd Company, The. (See Edmunds, G. E., and Cawthon, assignors.)

Bonsall, Charles D., Pittsburgh, Pa. Floor protection for railway cars. 2,060,164; Nov. 10.

Borbely, Albert, Cleveland, Ohio. Article of food—sandwich. 2,060,490; Nov. 10.

Borleske, Stanley E., Fresno, Calif. Linesman's indicator for football games. 2,060,165; Nov. 10.

Boston Gear Works, Inc. (See Schumb, Martin T., assignor.)

Boston Machine Works Company. (See Whelpley, Lloy E., assignor.)

Boudreau, Anthony P. J., Stewart Manor, assignor to The Western Union Telegraph Company, New York, N. Y. Signal relay system. 2,060,549; Nov. 10.

Bowen, William S., Westfield, N. J. Fluid treating mechanism and method. 2,060,166; Nov. 10.

Bower, Jerome G., New York, N. Y., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Railway car truck. 2,060,550; Nov. 10.

Bowlus, Claude A., Birmingham, Mich. Electric arc welding electrode holder. 2,060,606; Nov. 10.

Brace, Edwin T., assignor to The Buckeye Incubator Manufacturing Company, Springfield, Ohio. Incubation. 2,060,411; Nov. 10.

Brantly, Lewis R., Marietta, Ga. Soda fountain draft arm. 2,060,551; Nov. 10.

Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Discharge controlling means for discharge lamps. 2,060,552; Nov. 10.

Breidigam, Frank T. (See Near, H. B., Pacini, Crosley, Gerth, Breidigam, and Kelly.)

Breitling, Ernst, Essen, Germany, assignor by mesne assignments, to The National Cash Register Co., Dayton, Ohio. Bookkeeping and invoicing machine. 2,060,167; Nov. 10.

Brennan, Joseph B., Ft. Wayne, Ind. Electrolytic condenser. 2,060,022; Nov. 10.

Breslav, Jack, New Haven, Conn. Hoist grab. 2,060,722; Nov. 10.

Breuers, Wilhelm, and H. Schatz, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Oil varnish. 2,060,412; Nov. 10.

Briggs, Joseph A., Erlton, N. J., assignor to Radio Corporation of America. Telephone. 2,060,607; Nov. 10.

Brinkley, Edward L., Dover, N. C. Tobacco barn. 2,060,002; Nov. 10.

Brisacher, Hugo, Rutherford, N. J., assignor to Kieley & Mueller, Inc., New York, N. Y. Valve controlling means. 2,060,723; Nov. 10.

Brisbois, Odilon, Chicago, Ill., assignor to W. P. Worth, deceased, Chicago, Ill.; M. E. Worth, executrix of W. P. Worth. Starter mechanism. 2,060,769; Nov. 10.

Brock, Clarence A., assignor, by mesne assignments, to Rexair Corporation, Detroit, Mich. Vacuum cleaner. 2,060,168; Nov. 10.

Brody, Emmerich, Budapest, and T. Millner, Ujpest, Hungary, assignors, by mesne assignments, to General Electric Company. Electric lamp. 2,060,657; Nov. 10.

Brooker, Leslie G. S., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic emulsions containing 7-alkyl-thio iso- and pseudo-cyanines. 2,060,023; Nov. 10.

Brooks, George W., La Grange, assignor to The S. O. S. Company, Chicago, Ill. Metal wool body and making same. 2,060,010; Nov. 10.

Brown Bag Filling Machine Company, The. (See Greenlaw, Burpee D., assignor.)

Brown, Carl A., Chardon, and C. E. Hahn, Cleveland Heights, Ohio, assignors to General Electric Company. Method of and apparatus for shaping glass. 2,060,658; Nov. 10.

Brown, Carl A., Chardon, and C. E. Hahn, Cleveland Heights, Ohio, assignors to General Electric Company. Machine for blowing bulbs. 2,060,659; Nov. 10.

Brown Company. (See Schur, Milton O., assignor.)

Bubar, Hudson H., Brooklyn, N. Y. Dust separator and heat exchange apparatus. 2,060,169; Nov. 10.

Buck, Herman G., Egg Harbor City, N. J., and A. W. Aspen, Philadelphia, Pa., assignors to L. N. Renault & Sons, Inc., Egg Harbor City, N. J. Wine dispensing rack. 2,060,170; Nov. 10.

Buckeye Incubator Manufacturing Company, The. (See Brace, Edwin T., assignor.)

Buckeye Steel Castings Company, The. (See Bower, Jerome G., assignor.)

Budd, Edward G., Manufacturing Company. (See Butler, M. B., Jr., and Conwell, assignors.)

Bunting Brass and Bronze Company, The. (See Yager, G. F. and Heath, assignors.)

Burgey, Samuel S., U. S. Army, Pedricktown, N. J. Metalworking. 2,060,024; Nov. 10.

Burkitt, Henry L. (See Williams, John, assignor.)

Burleigh, Selma M., Albany, N. Y. Ear protector. 2,060,553; Nov. 10.

Burroughs Adding Machine Company. (See Racz, Ernest, assignor.)

Burt, Alexander D., Narberth, Pa., A. J. Rohner, Haddon Heights, and Frederic Shoup, Oaklyn, N. J., assignors to Radio Corporation of America. Vibrator power supply system. 2,060,025; Nov. 10.

Burton-Dixie Corporation. (See Burton, Oliver M., assignor.)

Burton, John, Edgbaston, Birmingham, England. Scaffolding coupling. 2,060,171; Nov. 10.

Burton, Oliver M., assignor to Burton-Dixie Corporation, Chicago, Ill. Mattress. 2,060,172; Nov. 10.

Buschenfeldt, Karl W., Stoughton, Mass. Scoliosis corrective brace. 2,060,173; Nov. 10.

Bushnell, Charles S., and W. T. Powell, assignors to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,060,413; Nov. 10.

Butler, Claude, Los Angeles, Calif. Hood clamping device. 2,060,026; Nov. 10.

Butler, Marcus B., Jr., and C. B. Conwell, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Door construction. 2,060,608; Nov. 10.

Butterworth, Samuel D., Detroit, Mich., assignor of ninety-nine percent to the Worth Company. Car loading device. 2,060,027; Nov. 10.

Butts, Le Roy, San Francisco, Calif. Watch cleaning machine. 2,060,277; Nov. 10.

C M C Corporation. (See Moreno, Gabriel, G., assignor.)

Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Fluid pressure brake. 2,060,028; Nov. 10.

Campbell Metal Window Corporation. (See Sargent, Allston, assignor.)

Campbell, Thomas R., Okmulgee, Okla. Pulley block. 2,060,174; Nov. 10.

Canter, Barend A., Scheveningen, Netherlands. Top with a hollow stem and a rotatably connected object. 2,060,029; Nov. 10.

Carborundum Company, The. (See Benner, Raymond C., assignor.)

Cardwell-Westinghouse Company. (See Hall, Marchand B., assignor.)

Carleton, Emile J., Holyoke, Mass. Clutch mechanism. 2,060,175; Nov. 10.

Carmichael, Cecil C., Los Angeles, and J. Ward, Inglewood, Calif. Collapsible container. 2,060,030; Nov. 10.

Carmody, William H. (See Thomas, C. A., and Carmody.)

Carpenter, Geo. B., & Co. (See Leffert, Charles B., assignor.)

Carpenter, Jack, Wichita, Kans. Copy holder. 2,060,660; Nov. 10.

Carpenter, Warren W., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switch. 2,060,176; Nov. 10.

Carroll, William B., Okemah, Okla. Surgical implement. 2,060,724; Nov. 10.

Cash, J. & J., Incorporated. (See Riley, Thomas, assignor.)

Castagnola, Oliver, Brooklyn, N. Y. Built-in arch support. 2,060,391; Nov. 10.

Cavanagh, James, Cohasset, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel and attaching. 2,060,031; Nov. 10.

Cawthon, James L., Jr. (See Edmunds, G. E., and Cawthon.)

Celander, Philip A. and A. C. Hollatz, assignors to Williams Oil-O Matic Heating Corporation, Bloomington, Ill. Lubricating system. 2,060,752; Nov. 10.

Celanese Corporation of America. (See Boaler, William H., assignor.)

Celanese Corporation of America. (See Dreyfus, C., and Whitehead, assignors.)

Celanese Corporation of America. (See Groombridge, W. H., and Mellers, assignors.)

Celanese Corporation of America. (See Platt, Herbert, assignor.)

Chain Belt Company. (See Ball, Charles F., assignor.)

Chalmers, Raymond W., Detroit, Mich., assignor, by mesne assignments, to The Worth Company. Car loading device. 2,060,032; Nov. 10.

Chalmers, Raymond W., Detroit, Mich., assignor, by mesne assignments, to The Worth Company. Car loading device. 2,060,033; Nov. 10.

Chandler, Milford G., assignor to Marvel Carbureter Company, Flint, Mich. Bonded metal bearings and making the same. 2,060,034; Nov. 10.

Chaney, Newcomb K., Cleveland Heights, W. B. Dexter, Lakewood, Ohio, assignors, by mesne assignments, to Union Carbide and Carbon Corporation, New York, N. Y. Making pyro-resins. 2,060,035; Nov. 10.

Chanon, Henry J. (See Reid, K. M., and Chanon.)

Chapman, Earl E., and H. H. Lanning, Topeka, Kans. Locomotive steam cut-off control means. 2,060,278; Nov. 10.

Chase, Lucius F., Los Angeles, Calif. Heat distributor. 2,060,364; Nov. 10.

Chase, Philip H., Bala-Cynwyd, and J. R. Falconer, Conshohocken, Pa., said Falconer assignor to said Chase. Electric cable. 2,060,036; Nov. 10.

Chemical Products, Inc. of California. (See Hashimoto, Tadaichi, assignor.)

Cheney, Thomas A., and H. J. Krinke, Seattle, Wash. Automobile time control for tuned circuits. 2,060,037; Nov. 10.

Chicago-Cleveland Car Roofing Co. (See Markel, Lawrence L., assignor.)

Chicago Hydraulic Oil Co. (See Paxton, Burton, assignor.)

Christman, William T., Mount Lebanon, assignor to Federal Enameling & Stamping Company, McKees Rocks, Pa. Manufacture of metal utensils. 2,060,038; Nov. 10.

Chrysler Corporation. (See Tea, Clark A., assignor.)

Chryst, William A., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Shock absorber. 2,060,554; Nov. 10.

Cibié, Pierre, Paris, France. Self-acting connecting device for the starting of motors. 2,060,279; Nov. 10.

City Auto Stamping Company, The. (See Peterson, Peter, assignor.)

Clabby, Michael J., Bridgeport, Conn., and H. S. Ashmun, assignors to Armstrong Manufacturing Co., New York, N. Y. Thread cutting device. 2,060,609; Nov. 10.

Clamer, Guilliam H., Atlantic City, N. J., assignor to Ajax Electric Company, Incorporated, Philadelphia, Pa. Refining metals. 2,060,177; Nov. 10.

Clapp, Peter A., assignor of one-third to Reginald G. Rye, and one-third to Isadore G. Goldstein, Kalamazoo, Mich. Electric heater. 2,060,039; Nov. 10.

Clapper, John S., Minneapolis, Minn. Mowing apparatus. 2,060,280; Nov. 10.

Clark, J. L., Manufacturing Co. (See Kjellstrom, John H., assignor.)

Claytor, Edwin E., Tulsa, Okla. Breaking petroleum emulsions. 2,060,281; Nov. 10.

Clerc, André, Villeurbanne, assignor to Ateliers de Constructions Electriques de Delle, Paris, France. Electric circuit breaker with compressed gas blow-out. 2,060,282; Nov. 10.

Cleveland Heater Company, The. (See Te Pas, Edmund J., assignor.)

Cleveland Trust Company, The. (See Evans, Gordon E., assignor.)

Cobb, J. L., Co. (See Cobb, Justin L., assignor.)

Cobb, Justin L., assignor to J. L. Cobb Co., Inc., Mansfield, Mass. Cravat holder. 2,060,040; Nov. 10.

Coble, Lucian G., Greensboro, N. C. Dental instrument. 2,060,555; Nov. 10.

Cochin, John, San Francisco, Calif. Elevator. 2,060,753; Nov. 10.

Cohen, Berry, Atlanta, Ga. Combined arm rest and protector device. 2,060,725; Nov. 10.

Cohen, Joseph, New York, assignor of one-half to H. Ratner, Brooklyn, N. Y. Combination shirt boards, collar support, and envelope for laundered shirts. 2,060,497; Nov. 10.

Cohen, Morris, Kearney, N. J. Garment holder. 2,060,459; Nov. 10.

Cohn, Samuel, assignor to Samcoe Holding Corporation, New York, N. Y. Fabric treating process. 2,060,661; Nov. 10.

Cohn, Samuel, assignor to Samcoe Holding Corporation, New York, N. Y. Fabric. 2,060,664; Nov. 10.

Collins & Aikman Corporation. (See Kaufman, Frank M., assignor.)

Colonial Trust Company, The, et al., executors. (See Summey, David L.)

Compton, J. F., et al. (See Harriman, William L., assignor.)

Condit Electrical Manufacturing Corporation. (See Jansson, Gustav E., assignor.)

Conmar Products Corporation. (See Ulrich, Frederick, assignor.)

Continental Gin Company. (See Hagler, Clyde E., assignor.)

Conwell, Charles B. (See Butler, M. B., Jr., and Conwell.)

Cook Paint & Varnish Company. (See Heck, Adolf, assignor.)

Corbin, Elbert A., Jr., Gradyville, and E. W. Wolf, Philadelphia, assignors of one-third to William C. Biddle, Lansdowne, Pa. Utility and decorative sheet material and making the same. 2,060,041; Nov. 10.

Cowan, Frank A., New York, N. Y., assignor to American Telephone and Telegraph Company. Regulation of transmission lines. 2,060,042; Nov. 10.

Cox, James L., Danvers, assignor to Hygrade Sylvania Corporation, Salem, Mass. Arc discharge lamp. 2,060,043; Nov. 10.

Cox, James L., Danvers, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electrode structure for electric discharge lamps. 2,060,610; Nov. 10.

Creech, Taylor W., Davenport, assignor, by mesne assignments, to Micro-Westco, Inc., Bettendorf, Iowa. Slicing machine. 2,060,460; Nov. 10.

Crosby, Earl M. (See O'Shea, J., Ross, and Crosby.)

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Receiving system. 2,060,611; Nov. 10.

Crosley, Raymond W. (See Near, H. B., Pacini, Crosley, Gerth, Breidigam and Kelly.)

Crowey, Norman J., West Hartford, Conn., assignor, by mesne assignments, to Niles-Bement-Pond Company, New York, N. Y. Screw thread grinder. 2,060,044; Nov. 10.

Crown Cork and Seal Company, The. (See Loetscher, David L., assignor.)

Crumm, Edwin F., et al. (See Crumm, Erville S., assignor.)

Crumm, Erville S., Hermosa Beach, assignor of one-fourth to E. F. Crumm, Whittier, Calif., and one-fourth to J. M. Crumm, St. Joseph, Mo. Tube products dispenser. 2,060,178; Nov. 10.

Crumm, Joseph M., et al. (See Crumm, Erville S., assignor.)

Cullmer, Harry R., Hollis, N. Y. Elevator car control. 2,060,283; Nov. 10.

Cunard, Alfred B., Hobart, assignor of one-half to A. P. Draper, Gary, Ind. Apparatus for use with container covers. 2,060,726; Nov. 10.

Curtin-Howe Corporation. (See Curtin, Leo P., assignor.)

Curtin, Leo P., Cranbury, N. J., assignor to Curtin-Howe Corporation, New York, N. Y. Oxalate coating on nonferrous metal. 2,060,365; Nov. 10.

Curtis, Clement N., Weymouth, Mass. Fastener for closures. 2,060,284; Nov. 10.

Daggett, Clyde C., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. 2,060,285; Nov. 10.

Dake, Charles W., Grand Haven, Mich. Power generating and transmitting system. 2,060,612; Nov. 10.

Dannenberg, Robert J. H. (See Schrader, G. M., and Dannenberg.)

Dautzenberg, Paul, Aachen, assignor to E. Henke, Radeberg, Germany. Focusing adjustment for cameras by means of the finder. 2,060,613; Nov. 10.

Davidson, Nathan, Los Angeles, Calif. Building construction. 2,060,045; Nov. 10.

Davies, Wayne, Evanston, Ill. Packing ring sizing machine. 2,060,179; Nov. 10.

Davis, Charles F., Waterloo, Quebec, Canada. Container. 2,060,754; Nov. 10.

Davis, Charles H., Jr., deceased, by J. T. Fitzsimmons, administrator, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition apparatus. 2,060,556; Nov. 10.

Davis, Elmer M., assignor to Industrial Patents Corporation, Chicago, Ill. Mixing device. 2,060,557; Nov. 10.

Davis, Ernest W., Oak Park, assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Pneumatic motor for lubricant pumps. 2,060,180; Nov. 10.

Decker, Lewis M., Baton Rouge, La. Pump. 2,060,003; Nov. 10.

De Laval Steam Turbin Company. (See Kennedy, Frank W., assignor.)

Delépine, Marcel, Paris, and P. Gaillot, Parc St. Maur, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Alkali-metal salts of antimonio-thiomalic acid. 2,060,181; Nov. 10.

Dellaree, Frank H., Detroit, Mich. Pick-up and feeding device. 2,060,182; Nov. 10.

De Moss, Leonard, Des Moines, Iowa, assignor to Industrial Patents Corporation, Chicago, Ill. Bacon-straightening device. 2,060,559; Nov. 10.

Denby, Edwin H., New York, N. Y. Type casting mold and the characters cast thereby. 2,060,662; Nov. 10.

des Ylouses, Gaston Lefort, Boulogne-sur-Seine, France, assignor to L'Azote Francais. Desiccation of gases contained in nitrous fumes. 2,060,183; Nov. 10.

Detroit Lubricator Company. (See Eggleston, Lewis W., assignor.)

Detroit Lubricator Company. (See Rayfield, William C., assignor.)

Detroit Moulding Corporation. (See Shaw, Charles P., assignor.)

De Vilbiss Company, The. (See Daggett, Clyde C., assignor.)

De Walt, Kenneth C., Schenectady, N. Y., assignor to General Electric Company. Processing graphite. 2,060,663; Nov. 10.

Dexter, Wilbur B. (See Chaney, N. K., and Dexter.)

Di Giacomo, Vincent, Tuckahoe, N. Y. Floor supporting means. 2,060,046; Nov. 10.

Dimond, Thomas L., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,060,184; Nov. 10.

Diodati, Amedeo, Boston, assignor to Marine Optical Manufacturing Company, Roslindale, Mass. Spectacle hinge. 2,060,727; Nov. 10.

Ditcham, William T., Chelmsford, England, assignor to Radio Corporation of America. Modulating carrier wave transmitter. 2,060,614; Nov. 10.

Doetzel, Fred, Jr., Cedar Rapids, Iowa. Washing and developing device. 2,060,286; Nov. 10.

Dofsen, Floyd J., San Francisco, Calif. Sound record and producing the same. 2,060,287; Nov. 10.

Donovan, John J., Lynn, Mass. Machine for applying piping and the like to leather goods. 2,060,288; Nov. 10.

Dörzbach, Eugen. (See Bockmühl, M., Simons, and Dörzbach.)

Doss, George G. (See Kauffman, S., and Doss.)

Dow Chemical Company, The. (See Lowry, Robert D., assignor.)

Dow Power Saw Company. (See Arsneau, George, assignor.)

Downs, Sewell H., Kalamazoo, Mich. Conditioning apparatus. 2,060,289; Nov. 10.

Draper, Alfred P. (See Cunard, Alfred B., assignor.)

Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Preparing artificial filaments. 2,060,047; Nov. 10.

Dreyfus, Henry, London, England. Artificial filament manufacture and the like. 2,060,048; Nov. 10.

Dreyfus, L. A., Company. (See Dyckman, Richard P., assignor.)

Duffy Mott Company. (See Meinhold, Harry E., assignor.)

Dunlap, John A., assignor to forty-nine per cent to C. R. Lilly, Moberly, Mo. Animal catcher. 2,060,366; Nov. 10.

Dunlop, James, Park Ridge, assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Moving stairway. 2,060,491; Nov. 10.

Du Pont, E. I., de Nemours & Company. (See Arvin, James A., assignor.)

Du Pont, E. I., de Nemours & Company. (See Ellsworth, Dean C., assignor.)

Du Pont, E. I., de Nemours & Company. (See Hunt, J. K., and Latham, assignors.)

Du Pont, E. I., de Nemours and Company. (See Mathey, C. A., and Lewis, assignors.)

Du Pont Rayon Company. (See Heckert, Winfield W., assignor.)

Du Pont Rayon Company. (See McKee, E. R., and Hunter, assignors.)

Durant, Walter W., Pittsfield, Mass., and P. H. Scrutchfield, Evanston, Ill., assignors to General Electric Company. Resinous compositions. 2,060,665; Nov. 10.

Dyckman, Richard P., Orange, N. J., assignor to L. A. Dreyfus Company. Bubble chewing gum and making same. 2,060,461; Nov. 10.

Dyer, Lloyd W., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,060,492; Nov. 10.

Eagle Manufacturing Company. (See Rarick, Orth E., assignor.)

Eastman Kodak Company. (See Brooker, Leslie G. S., assignor.)

Eaton-Detroit Metal Company. (See Nehls, Charles H., assignor.)

Ebberts, Martin J., Beaumont, Tex. Barbecue apparatus. 2,060,004; Nov. 10.

Ebner, Alfred J., assignor to Freyn Engineering Company, Chicago, Ill. Heat recovery system. 2,060,290; Nov. 10.

Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Combination spring drawbar and spring bumper. 2,060,049; Nov. 10.

Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Draft and buffer gearing. 2,060,051; Nov. 10.

Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Draft and buffer gearing. 2,060,052; Nov. 10.

Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Draft and buffer gearing. 2,060,053; Nov. 10.

Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Draft and Buffer gearing. 2,060,054; Nov. 10.

Edmunds, Glenn E., and J. L. Cawthon, Jr., assignors to The Bonney-Floyd Company, Columbus, Ohio. Combined spring bumper and spring drawbar. 2,060,050; Nov. 10.

Eggleston, Lewis W., assignor to Detroit Lubricator Company, Detroit, Mich. Flow control means. 2,060,185; Nov. 10.

Egloff, Gustav, assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,060,291; Nov. 10.

Eichelsdoerfer, Theodore P., Rock Island, Ill. Reflector sign for automobile bumpers. 2,060,055; Nov. 10.

Eichmann, Theophil. (See Rufener, H., and Eichmann.)

Electric Steel Foundry Company. (See Hanson, Robert P., assignor.)

Ellis, Carleton, Jr., Montclair, N. J. Illuminated-image projector with intermittent burning lamp and natural draft lamp cooling. 2,060,560; Nov. 10.

Elimore, William A., Wilmette, assignor to Utah Radio Products Company, Chicago, Ill. Loudspeaker mounting. 2,060,666; Nov. 10.

Ellsworth, Deane C., deceased, by J. F. Haskins, administrator, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. New cellulose glycollic acid and preparing same. 2,060,056; Nov. 10.

Emerson, John H. (See Vinal, Charles A., assignor.)

Emery Industries, Inc. (See Reddish, Warren T., assignor.)

Endowment Foundation. (See Krueger, Wabun C., assignor.)

Engel, Karl, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and means for use in the manufacture of shoes. 2,060,057; Nov. 10.

Engelmeier, Julia, Pittsburgh, Pa. Decorative rosette. 2,060,058; Nov. 10.

Engs, William. (See Van de Griendt, G. H., and Engs.)

Equitable Paper Bag Co. (See Poppe, George W., assignor.)

Ernst, Otto, Larchmont Manor, N. Y. Ventilating window for automobiles. 2,060,615; Nov. 10.

Erwin, Weldon C. (See Sweet, Cecil H., assignor.)

Evans Case Company. (See Reilly, Alfred F., assignor.)

Evans, Earl R., Washington, D. C., assignor to General Electric Company. Power distribution system. 2,060,667; Nov. 10.

Evans, Edward S., Detroit, Mich, assignor to The Worth Company. Car loading device. 2,060,059; Nov. 10.

Evans, Gordon E., assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio. Piston. 2,060,292; Nov. 10.

Exner, Donald W., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Program-starting system. 2,060,755; Nov. 10.

Eyre, James M. (See Malone, W. H., and Eyre.)

Fahy, Frank P., et al. (See Nilson, Lars G., assignor.)

Fairway Real Estate Company. (See Phillips, Charles H., assignor.)

Falconer, John R. (See Chase, P. H., and Falconer.)

Farrar, Clarence A. (See Goodwin, G. R., and Farrar.)

Fausset, Ernest R., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Frame welder. 2,060,561; Nov. 10.

Fausset, Ernest R., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Clutch. 2,060,562; Nov. 10.

Federal Enameling & Stamping Company. (See Christman, William T., assignor.)

Federal-Mogul Corporation, The. (See Willi, Albert B., assignor.)

Felix, Friedrich, M. Bommer, Riehen, near Basel, and W. Huber, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Dyeing of acetate artificial silk. 2,060,186; Nov. 10.

Fellows Gear Shaper Company, The. (See Miller, Edward W., assignor.)

Felt & Tarrant Manufacturing Company. (See Turck, Joseph A. V., assignor.)

Fernstrum, Frank O., assignor to Gray Marine Motor Co., Detroit, Mich. Marine engine temperature control. 2,060,187; Nov. 10.

Ferris, Walter, Milwaukee, Wis., and E. C. Wollaeger, Cleveland, Ohio, assignors to The Oilgear Company, Milwaukee, Wis. Hydraulic chuck-operating mechanism. 2,060,293; Nov. 10.

Fieldman, Michael, Chicago, Ill., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,060,294; Nov. 10.

Fillmore, Ralph S., Bakersfield, Calif. Deep well pump. 2,060,493; Nov. 10.

Finch, William G. H., New York, N. Y. Facsimile system. 2,060,778; Nov. 10.

Finefrock, Thomas P., and W. F. O'Neil, assignors to The American Gypsum Co., Port Clinton, Ohio. Acoustical or insulating plaster. 2,060,295; Nov. 10.

Fink, Harry L., New Rochelle, N. Y. Dividing strip. 2,060,060; Nov. 10.

Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole laying machine. 2,060,061; Nov. 10.

Fischer, Albert C., Chicago, Ill. Automobile accessory. 2,060,062; Nov. 10.

Fischer, Erich, Bad Soden-on-the-Taunus, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs containing chromium and preparing them. 2,060,563; Nov. 10.

Fitzsimmons, John T., administrator. (See Davis, Charles H., Jr.)

Fladeland, Albert, Kitsap County, Wash. Turbine. 2,060,414; Nov. 10.

Flagstad, Cornell, Minneapolis, Minn. Folding table. 2,060,367; Nov. 10.

Fleischer, Joseph, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigeration. 2,060,728; Nov. 10.

Fleischer, Paul W., Weehawken, and G. W. von Hofe, Bound Brook, assignors to New Jersey Machine Corporation, Hoboken, N. J. Machine for applying adhesive. 2,060,616; Nov. 10.

Fleisher, Harry, assignor to Princeton Inc., Watertown, Conn. Run resisting knitted fabric. 2,060,462; Nov. 10.

Fletcher, Nellie P., Leesburg, Va., and W. A. Fletcher, Los Angeles, Calif. Combined light and flower holder. 2,060,005; Nov. 10.

Fletcher, William A. (See Fletcher, Nellie P. and W. A.)

Floor Accessories Company. (See Awbrey, Samuel C., assignor.)

Fonseca, Edward L., assignor to The Wilcolator Company, Newark, N. J. Remote indicating temperature responsive device. 2,060,296; Nov. 10.

Forsthoefel, Gregg F., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Cabinet construction. 2,060,756; Nov. 10.

Foster, James L., Wichita Falls, Tex. Rod line support. 2,060,188; Nov. 10.

Foster, Theodore W., & Bro. Co. (See Parkin, Winfred T., assignor.)

Foster, Walter W., Wichita Falls, Tex. Pipe and casing spinning apparatus. 2,060,189; Nov. 10.

Foster, William D., Stewart Manor, assignor to Manifold Supplies Company, Brooklyn, N. Y. Article and process for multiplying records. 2,060,190; Nov. 10.

Fox, Alexander P. (See Barks, F. S., Fox, and Linders.)

Fox, Alexander P., University City, assignor to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 2,060,297; Nov. 10.

Francis, Victor J., North Wembley, and J. W. Ryde, London, England, assignors to General Electric Company. Electric discharge device. 2,060,564; Nov. 10.

Franzmeier, Alvin W., Rich Valley, Minn. Milk strainer. 2,060,392; Nov. 10.

Frese, William F., Bridgewater, Iowa. Harrow evener. 2,060,668; Nov. 10.

Freyn Engineering Company. (See Ebner, Alfred J., assignor.)

Freyn Engineering Company. (See Rice, Owen R., assignor.)

Frimand, Peter A., Wilmette, Ill. Breast pump device. 2,060,063; Nov. 10.

Freyer, John C., Los Angeles, Calif. Letter scale. 2,060,064; Nov. 10.

Fusske, William. (See Herstein, Abe., assignor.)

Gaffey, Patrick F., Hartford, Conn. Automatic pressure release valve. 2,060,006; Nov. 10.

Gailey, Florence L., Los Angeles, Calif. Adjustable seat back cushion. 2,060,208; Nov. 10.

Gailliot, Paul. (See Delépine, M., and Gaillilot.)

Galbraith, Arthur, Ash Grove, Mo. Fastener for fastening hook lines to trot lines. 2,060,007; Nov. 10.

Gamel, Gayne D., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic circuit breaker reclosing mechanism. 2,060,494; Nov. 10.

Ganio, Otto, New York, N. Y. Crimping machine. 2,060,368; Nov. 10.

Gar Wood Industries, Inc. (See Barrett, Edward R., assignor.)

Gelius, Siegfried. (See Lingg, A., and Gelius.)

Gelpke, Kurt, Berlin, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,060,191; Nov. 10.

General Aniline Works, Inc. (See Fischer, Erich, assignor.)

General Aniline Works, Inc. (See Schladebach, H., and Häble, assignors.)

General Cable Corporation. (See Pettee, Allen D., assignor.)

General Electric Company. (See Atchison, Leonard W., assignor.)

General Electric Company. (See Brody, E., and Milliner, assignors.)

General Electric Company. (See Brown, C. A., and Hahn, assignors.)

General Electric Company. (See De Walt, Kenneth C., assignor.)

General Electric Company. (See Durant, W. W., and Scrutchfield, assignors.)

General Electric Company. (See Evans, Earl R., assignor.)

General Electric Company. (See Francis V. J., and Ryde, assignors.)

General Electric Company. (See Heymann, Hugo, assignor.)

General Electric Company. (See Lenz, Paul, assignor.)

General Electric Company. (See Miller, V., and Humberstone, assignors.)

General Electric Company. (See Moffett, Guy A., assignor.)

General Electric Company. (See Newman, Delbert F., assignor.)

General Electric Company. (See Otis, Albert N., assignor.)

General Electric Company. (See Reid, K. M., and Chanon, assignors.)

General Electric Company. (See Umansky, Leonid A., assignor.)

General Electric Company. (See Warner, Wilbur W., assignor.)

General Electric Company. (See Willis, C. H., and Bedford, assignors.)

General Electric Company. (See Zurcher, Ernest, assignor.)

General Motors Corporation. (See Chryst, William A., assignor.)

General Motors Corporation. (See Davis, Charles H., Jr., assignor.)

General Motors Corporation. (See Fausset, Ernest R., assignor.)

General Motors Corporation. (See Fleischer, Joseph, assignor.)

General Motors Corporation. (See Geyer, Harvey D., assignor.)

General Motors Corporation. (See Padgett, Joseph E., assignor.)
General Motors Corporation. (See Rossman, Edwin F., assignor.)
General Railway Signal Company. (See Bushnell, C. S., and Powell, assignors.)
Gensburg, Louis W., Chicago, Ill. Electrical step-up device. 2,060,299; Nov. 10.
Gerth, Max M. (See Near, H. B., Pacini, Crosley, Gerth, Breidigam and Kelly.)
Gessler, Samuel, assignor to Rubini Cigar Company, Inc., Chicago, Ill. Dice box. 2,060,463; Nov. 10.
Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Flywheel. 2,060,565; Nov. 10.
Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Anti-squeak trim strip for automobile fenders. 2,060,566; Nov. 10.
Gilbert, Charles E., New York, N. Y. Electrical connecter. 2,060,617; Nov. 10.
Gilbert, Walter V., London, England. Corrosion inhabitor. 2,060,192; Nov. 10.
Gligenbach, Leo, Malone, Wis. Pocket handkerchief simulation. 2,060,729; Nov. 10.
Gill, Walter L., and V. C. Kincaid, Redlands, Calif., said Kincaid assignor to said Gill. Heating, drying, and sterilizing cabinet for towels and the like. 2,060,065; Nov. 10.
Gillespie, John F., Philadelphia, Pa. Block for block and tackle. 2,060,730; Nov. 10.
Gillette Safety Razor Company. (See Muros, Joseph, assignor.)
Gilson, Henry R., Groton, Mass., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Label applying machine. 2,060,193; Nov. 10.
Giragosian, Bedros, Watertown, Mass. Pool ball frame. 2,060,495; Nov. 10.
Gissubel, Frederick, New York, N. Y. Nipple and bottle holder. 2,060,194; Nov. 10.
Glaser, Roy W., E. J. and A. Olson, Burlington, Wis. Cooling device. 2,060,496; Nov. 10.
Glenk, Arthur W., Newark, N. J. Automatic beverage valve. 2,060,567; Nov. 10.
Glenn, Michael J. (See Harroun, Ray, assignor.)
Glinz, Edgar H. (See Wright, J. W., and Glinz.)
Globar Corporation. (See Heyroth, Albert H., assignor.)
Globe Brick Company, The. (See Porter, Sidney C., assignor.)
Gobb, Arthur F., Wyandotte, assignor to McCord Radiator & Mfg. Co., Detroit, Mich. Gasket for internal combustion engines. 2,060,498; Nov. 10.
Goin, George R., Detroit, Mich. Trailer draft connection. 2,060,066; Nov. 10.
Goldberg, Harry, Chicago, Ill. Refrigerant control. 2,060,300; Nov. 10.
Goldschmidt, Stefan, and R. R. Wolff, Karlshnhe, Germany, assignors to The Kessler Chemical Corporation, Orange, N. J. Production of acid anhydrides. 2,060,195; Nov. 10.
Goldstein, Isadore G., et al. (See Clapp, Peter A., assignor.)
Golob, John E., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Thermostatically operated valve device. 2,060,301; Nov. 10.
Goodlass Wall and Lead Industries Limited. (See Singleton, W., Hulme, and Jones, assignors.)
Goodman, Manufacturing Company. (See Lindgren, Frank A., assignor.)
Goodman, Wade H., assignor to Amery & Sons, Inc., Walla Walla, Wash. Gravity compensating hitch. 2,060,196; Nov. 10.
Goodwin, George R., Avon, and C. A. Farrar, Whitman, assignors to Royal Electric Company, Incorporated, Avon, Mass. Fuse. 2,060,464; Nov. 10.
Gove, Emery T., Oakland, Calif. Scraper. 2,060,369; Nov. 10.
Graenacher, Charles, and R. Sallmann, assignor to firm Society of Chemical Industry in Basle, Basel, Switzerland. Assisting agents for the textile industry. 2,060,568; Nov. 10.
Gray Marine Motor Co. (See Fernstrum, Frank O., assignor.)
Green, Thomas L., Oklahoma City, Okla. Card table. 2,060,302; Nov. 10.
Greenawalt, John E., New York, N. Y. Incinerating furnace. 2,060,067; Nov. 10.
Greenbaum, Martin, Newark, N. J. Cloth cutting machine. 2,060,197; Nov. 10.
Greene, Daniel A., Flint, assignor to Stubnitz-Greene Spring Corporation, Adrian, Mich. Spring cushion seat. 2,060,465; Nov. 10.
Greenlaw, Burpee D., assignor to The Brown Bag Filling Machine Company, Fitchburg, Mass. Nonjam screw feed. 2,060,569; Nov. 10.
Gretener, Edgar, Berlin, Germany, assignor to Opticolor Aktiengesellschaft, Glarus, Switzerland. Motion picture copying and projecting. 2,060,669; Nov. 10.
Grettie, Donald P. (See Newton, R. C., and Grettie.)
Groll, Herbert P. A., Oakland, and G. Hearne, Berkeley, Calif. Treatment of vinyl type monohalides. 2,060,303; Nov. 10.
Groombridge, Walter H., and E. V. Mellers, Spondon, near Derry, England, assignors to Celanese Corporation of America. Manufacture of cellulose from lignocellulosic materials. 2,060,068; Nov. 10.
Grümmer, Heinrich, Rheinhausen-Hochemmerich, Germany. Filler. 2,060,304; Nov. 10.
Guiberson Corporation, The. (See Thabeld, Ferl A., assignor.)
Gutenstein, Paul, Beechurst, Long Island, N. Y. Vanity case and the like. 2,060,466; Nov. 10.
Haardt, Robert, Vienna, Austria. Globe with measuring instrument. 2,060,777; Nov. 10.
Hafner, William F., Chicago, Ill. Toy railway track switch. 2,060,069; Nov. 10.
Hagler, Clyde E., Birmingham, Ala., assignor to Continental Gin Company. Mechanism for the control of feed to cotton extractors. 2,060,305; Nov. 10.
Hähle, Herbert. (See Schladebach, H., and Hähle, assignors.)
Hahn, Clarence E. (See Brown, C. A., and Hahn.)
Hall, Marchand B., assignor to Cardwell-Westinghouse Company, Chicago, Ill. Bolster supporting mechanism. 2,060,370; Nov. 10.
Hamlett, Robert T. (See Howe, P. J., Hamlett, and Rudd.)
Hammer-Bray Company. (See Leonard, Joseph E., assignor.)
Hammond, John H., Jr., Gloucester, Mass. Echo torpedo detonator. 2,060,198; Nov. 10.
Hammond, John H., Jr., Gloucester, Mass. Photoelectric detonator controlled by intensity change. 2,060,199; Nov. 10.
Hammond, John H., Jr., Gloucester, Mass. Photoelectric detonator operated by reflection. 2,060,200; Nov. 10.
Hammond, John H., Jr., Gloucester, Mass. Photoelectric detonator using two photoelectric cells. 2,060,201; Nov. 10.
Hammond, John H., Jr., Gloucester, Mass. Torpedo. 2,060,202; Nov. 10.
Hammond, John H., Jr., Gloucester, Mass. Calorific radiation detonator. 2,060,203; Nov. 10.
Hammond, John H., Jr., Gloucester, Mass. Talking picture with directional effects. 2,060,204; Nov. 10.
Hammond, John H., Jr., Gloucester, Mass. Torpedo 2,060,205; Nov. 10.
Hammond, John H., Jr., Gloucester, Mass. Torpedo. 2,060,206; Nov. 10.
Hammond, John H., Jr., Gloucester, Mass. Photoelectric detonator operated by direct illumination. 2,060,207; Nov. 10.
Hammond, John H., Jr., Gloucester, Mass. Cosmic ray detonator. 2,060,208; Nov. 10.
Hammond Lumber Company. (See Barry, James P., assignor.)
Hampton Company. (See McConnell, Thomas, assignor.)
Hancock, William T., Long Beach, Calif. Tube still. 2,060,306; Nov. 10.
Hanna, William T., Cincinnati, Ohio. Stoker construction. 2,060,307; Nov. 10.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Ultra high frequency oscillation circuit. 2,060,770; Nov. 10.
Hansen, William A., Dos Palos, Calif. Automatic shutoff for filling spouts. 2,060,570; Nov. 10.
Hansgirg, Fritz, Radenthein, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Apparatus for producing substantially pure magnesium. 2,060,070; Nov. 10.
Hanson, Robert P., assignor to Electric Steel Foundry Company, Portland, Oreg. Valve. 2,060,571; Nov. 10.
Harding, Samuel R., Aberdeen, S. Dak. Educational test checking device. 2,060,308; Nov. 10.
Harley, Stanley J., Stivichall, Coventry, England. Electric motor control. 2,060,437; Nov. 10.
Harley, Stanley J., Stivichall, Coventry, England. Grinding machine. 2,060,438; Nov. 10.
Harriman, William L., Oklahoma City, Okla., assignor of one-fourth to E. R. Morgan, one-fourth to A. J. Adams, both of Wichita, Kans., one-fourth to J. F. Compton, Allenville, Ala., one-fourth to M. B. Schofield, Oklahoma City, Okla. Machine for manufacturing stationery. 2,060,309; Nov. 10.
Harris, George M. (See Phillips, C., and Harris.)
Harroun, Ray, Detroit, Mich., assignor of 68.75% to M. J. Glenn, Indianapolis, Ind. Automobile control mechanism. 2,060,731; Nov. 10.
Hartford-Empire Company. (See Stewart, Edward C., assignor.)
Hartman, Hans, Monaco, Monaco. Submarine television. 2,060,670; Nov. 10.
Harvey, Edward W., Highland Park, N. J., assignor to The Barrett Company, New York, N. Y. Production of fertilivers. 2,060,310; Nov. 10.
Hashimoto, Tadaichi, Tujunga, Calif., assignor to Chemical Products, Inc. of California. Making colloidal sulphur. 2,060,311; Nov. 10.
Haskins, Joseph F., administrator. (See Ellsworth, Deane C.)
Hatfield Wire & Cable Co. (See Wertzheiser, Joseph, assignor.)
Hauserman, E. F., Company, The. (See Balch, Thomas V., assignor.)
Hearne, George. (See Groll, Herbert P. A.)

Heath, Delos P., Detroit, Mich. Sheet metal evaporator. 2,060,072; Nov. 10.
Heath, Oliver J. (See Yager, G. F., and Heath.)
Heck, Adolf, assignor to Cook Paint & Varnish Company, Kansas City, Mo. Beer lacquer. 2,060,572; Nov. 10.
Heckert, Frederick W., Oakwood, Ohio. Fuel pump for aircraft engines. 2,060,209; Nov. 10.
Heckert, Winfield W., Ardentown, Del., assignor to Du Pont Rayon Company, New York, N. Y. Preparation of dispersions. 2,060,210; Nov. 10.
Heidrich, John, Los Angeles, Calif. Fishing leader. 2,060,499; Nov. 10.
Helgason, Helgi, Los Angeles, Calif. Combination tool. 2,060,415; Nov. 10.
Hemphill, Arthur R., Egg Harbor City, N. J. Heat exchanger or cooler. 2,060,211; Nov. 10.
Henke, Ehrhard. (See Dautzenberg, Paul, assignor.)
Henney, Grover R. (See McKee, H. H., and Henney.)
Henning, Malcolm E., assignor to Penn Electric Switch Co., Des Moines, Iowa. Fan switch. 2,060,671; Nov. 10.
Heraeus, W. C. Gesellschaft mit beschrankter Haftung. (See Jedele, Alfred, assignor.)
Hercules Powder Company. (See Sheffield, Donald H., assignor.)
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Swivel chair mounting. 2,060,075; Nov. 10.
Hersch, Alfred, Toledo, Ohio. Hub cap and wheel lock. 2,060,416; Nov. 10.
Herstein, Abe., assignor to himself and W. Fusake, Joint Trustees, Chicago, Ill. Baby bottle cap and nipple. 2,060,212; Nov. 10.
Hester, William F., Drexel Hill, assignor to Röhm & Haas Company, Philadelohia, Pa. Condensation products of phenols and triisobutylene. 2,060,573; Nov. 10.
Heuer, Russell P., Bryn Mawr, Pa., assignor to The American Metal Company, Limited, New York, N. Y. Copper refining apparatus. 2,060,074; Nov. 10.
Heuer, Russell P., Haverford, Pa., assignor to The American Metal Company, Limited, New York, N. Y. Copper refining method. 2,060,073; Nov. 10.
Heymann, Hugo, Berlin-Friedenau, Germany, assignor to General Electric Company. Control system. 2,060,672; Nov. 10.
Heyroth, Albert H., assignor to Globar Corporation, Niagara Falls, N. Y. Electrical resistance and method of manufacture. 2,060,393; Nov. 10.
Hick, Harry J., assignor to The Machined Steel Casting Company, Alliance, Ohio. Strip metal highway guard. 2,060,673; Nov. 10.
Hicks, Raymond M., Plainfield, N. J., assignor to The Teleregister Corporation, New York, N. Y. Registering system. 2,060,674; Nov. 10.
Hiering, William C., assignor to J. E. Mergott Company, Newark, N. J. Assembling handbag frames. 2,060,394; Nov. 10.
High, Carl F., Flint, Mich. Fuel pump. 2,060,076; Nov. 10.
Hildebrandt, Friedrich, Hohen Neuendorf, near Berlin, Germany, and E. Schwenk, New York, N. Y., assignors to Schering-Kahlbaum A. G., Berlin, Germany. Production of hydrogenation products of the follicle hormones. 2,060,312; Nov. 10.
Hilgers, Carl J., Wuppertal-Barmen, Germany. Selecting and calling device for automatic telephone apparatus. 2,060,371; Nov. 10.
Hill, Harry S., and A. C., Peterson, assignors to Harry S. Hill (Manufacturing) Co., Portland, Oreg. Chuck for paper drills. 2,060,313; Nov. 10.
Hill, Harry S., Co. (See Hill, H. S., and Peterson, assignors.)
Hill, Leland H., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Connecter. 2,060,757; Nov. 10.
Hinkson, Holman S., Lacytown, Georgetown, Demerara, British Guiana. Aircraft. 2,060,077; Nov. 10.
Hippen, Ralph W., and L. T. Barnes, Oklahoma City, Okla., said Barnes assignor to said Hippen. Projectile. 2,060,213; Nov. 10.
Hiscock, William J., Olcott, assignor to Norton Laboratories, Lockport, N. Y. Electrical resistance device. 2,060,417; Nov. 10.
Hitchcock, Frederick J., Danvers, and G. G. Perkins, Lynn, Mass. Oil bottle silencer cap. 2,060,372; Nov. 10.
Hitchcock, Richard C., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Light relay. 2,060,500; Nov. 10.
Hitchens, Sherman B., Missouri Valley, Iowa. Pipe handling apparatus. 2,060,214; Nov. 10.
Hobbs, James C., Painesville, Ohio. Heat exchanger. 2,060,078; Nov. 10.
Hochman, Julius C., New York, N. Y. Typewriter ribbon device. 2,060,314; Nov. 10.
Hochman, Julius C., New York, N. Y. Typewriter ribbon attachment. 2,060,315; Nov. 10.
Hoesel, Anthony F., assignor to Peerless Ice Machine Company, Chicago, Ill. Refrigerating system. 2,060,316; Nov. 10.
Hoffman, Rudolph, Rocky River, Ohio, assignor to American Stove Company, St. Louis, Mo. Burner and drum for blue flame oil stoves. 2,060,317; Nov. 10.
Hollatz, Arthur C. (See Celander, P. A., and Hollatz.)
Holmquist, Carl W., Glassport, Pa. Machine for producing hexagonal mesh wire. 2,060,418; Nov. 10.
Holtz, Barbara, Cleveland, Ohio. Skirt marker. 2,060,373; Nov. 10.
Homeyer, August H. (See Whitmore, F. C., and Homeyer.)
Honigbaum, Harry H., Forest Hills, N. Y. Shingle. 2,060,618; Nov. 10.
Hood, Myron E., Cincinnati, Ohio. Combination space heater. 2,060,079; Nov. 10.
Hopkins, Ernest R., and N. Baraban, Kansas City, Mo., assignors to American Cooling Tower Company. Cooling unit for refrigerating systems. 2,060,732; Nov. 10.
Hopkins, Richard M., Rutherford, N. J., and H. M. Laford, assignors to American District Telegraph Company, New York, N. Y. Electric temperature and burglar alarm system. 2,060,215; Nov. 10.
Hoppe, William, assignor to National Bread Wrapping Machine Co., Springfield, Mass. Bread wrapping machine. 2,060,501; Nov. 10.
Horner, Arthur C., San Francisco, Calif. Beam action stringer. 2,060,080; Nov. 10.
Horton, Bryson D., assignor to Square D Company, Detroit, Mich. Meter testing. 2,060,419; Nov. 10.
Houck, John D., Chicago, Ill. Waste trap. 2,060,420; Nov. 10.
Houde Engineering Corporation. (See Fieldman, Michael, assignor.)
Howe, Paul J., Ridgewood, N. J., R. T. Hamlett, New York, N. Y., and M. A. Rudd, North Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. High speed composite system. 2,060,574; Nov. 10.
Huber, Walter and H. O. Roosenstein, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Tuning arrangement for radio receiving sets. 2,060,216; Nov. 10.
Huber, Wilhelm. (See Felix, F., Bommer, and Huber.)
Huffman, Louis, assignor to Toronto Type Foundry Company, Limited, Toronto, Ontario, Canada. Manifolding unit. 2,060,318; Nov. 10.
Hughes, Joseph S., Los Angeles, Calif. Circular saw clamp. 2,060,319; Nov. 10.
Huhn, Gustav, Berlin-Templehof, Germany. Packing for the shafts of high-pressure steam turbines. 2,060,374; Nov. 10.
Hulme, William. (See Singleton, W., Hulm, and Jones.)
Humberstone, Joseph H. (See Miller, V., and Humberstone.)
Humfeld, Harry. (See Lambert, E. B., and Humfeld.)
Hunkeler, Albert C. (See Blankenbuehler, J. H., and Hunkeler.)
Hunt, George L. (See Searle, A. M., Hunt, and Andrews.)
Hunt, James K., and G. H. Latham, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treating cellulose and derivatives thereof. 2,060,733; Nov. 10.
Hunter, Archibald S. (See McKee, E. R., and Hunter, assignor.)
Hygrade Sylvania Corporation. (See Cox, James L., assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Balle, Gerhard, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Breuers, W., and Schatz, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Kränzlein, G., and Müller, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Lüttge, Fritz, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schoenemann, Karl, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Wietzel, G., and Schiller, assignors.)
Ice Plant Equipment Company. (See Nelson, Wilbur B., assignor.)
Illinois Iron & Bolt Company. (See Warner, Arthur L., assignor.)
Independent Pneumatic Tool Co. (See Norling, Reinhold A., assignor.)
Industrial Patents Corporation. (See Davis, Elmer M., assignor.)
Industrial Patents Corporation. (See De Moss, Leonard, assignor.)
Industrial Patents Corporation. (See McKee, H. H., and McDonald, assignors.)
Industrial Patents Corporation. (See Newton, R. C., and Grettie, assignors.)
Industrial Patents Corporation. (See Straeten, Charles L., assignor.)
Industrial Patents Corporation. (See Walter, Charles T., assignor.)
International Carbonic Engineering Company. (See Rufener, H., and Eichmann, assignors.)
Irwin, Edward G. (See Irwin, Urth D., and E. G.)
Irwin, Urth D. and E. G., Los Angeles, Calif. Garment drying and shaping form. 2,060,395; Nov. 10.
Ishimura, Lyuho S., Kamikyo-Ku, Kyoto, Japan. Making lead powder. 2,060,375; Nov. 10.
Jacobson, Oskar J. F., New York, N. Y. Mechanical paddle canoe toy. 2,060,619; Nov. 10.
Janssen, Henry, assignor to Textile Machine Works, Wyomissing, Pa. Truck. 2,060,620; Nov. 10.
Jansson, Gustav E., Atlantic City, assignor to Condit Electrical Manufacturing Corporation, Boston, Mass. Circuit breaker. 2,060,758; Nov. 10.
Jantzen Knitting Mills. (See Read, Dorothy, assignor.)
Jarmin, James B., Dallas, Tex. Oil cleaner. 2,060,320; Nov. 10.
Jayne, Wade H., Brooklyn, N. Y. Mop. 2,060,621; Nov. 10.

Jennings, Chester S. (See Perry, H. R., and Jennings.)
Jennings, Chester S., assignor to The Lamson Company, Syracuse, N. Y. Conveyer system. 2,060,759; Nov. 10.
Jex, William A., Somerville, Mass. One-way clutch. 2,060,376; Nov. 10.
Jedele, Alfred, Hanau-on-the-Main, assignor to W. C. Heraeus Gesellschaft mit beschrankter Haftung, Hanau-on-the-Main, Germany. Point for gold pens and forming the same. 2,060,081; Nov. 10.
Johnson Brothers Engineering Corporation. (See Johnson, Harry L., assignor.)
Johnson, Elmer E., Jr., North Tarrytown, N. Y. Safety razor. 2,060,321; Nov. 10.
Johnson, Frank R., Floral Park, N. Y., and Charles F. Pflanze, University City, Mo., said Johnson assignor to said Pflanze. Attaching printing plates to presses. 2,060,082; Nov. 10.
Johnson, George W., Cincinnati, Ohio, assignor, by mesne assignments, to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Power transmission mechanism. 2,060,322; Nov. 10.
Johnson, Harry L., assignor to Johnson Brothers Engineering Corporation, Waukegan, Ill. Carburetor. 2,060,217; Nov. 10.
Johnson Service Company. (See Otto, Carl A., assignor.)
Johnston, Robert T., Plainfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Coated base material. 2,060,083; Nov. 10.
Johnston, Robert T., Plainfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Coated wood material. 2,060,084; Nov. 10.
Jones, Brinley. (See Singleton, W., Hulm, and Jones.)
Jones, Clarence M., Tulsa, Okla. Captive receptacle cap. 2,060,622; Nov. 10.
Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on shoe uppers. 2,060,085; Nov. 10.
Kaltenbach, Robert W., Cleveland Heights, Ohio. Car dumper. 2,060,218; Nov. 10.
Kasarjian, Armen A., Jackson Heights, assignor to Mosler Ignition Corporation, New York, N. Y. Spark plug and making the same. 2,060,219; Nov. 10.
Kauffman, Charles H. (See Kauffman, Chauncey B., and C. H.)
Kauffman, Chauncey B. and C. H., Hellam, Pa. Automatic window closer. 2,060,575; Nov. 10.
Kauffman, Meyer. (See Kauffman, S., and Doss, assignor.)
Kauffman, Saul, and G. G. Doss, assignors to M. Kauffman, Syracuse, N. Y. Method of and apparatus for embossing. 2,060,577; Nov. 10.
Kauffman, Walter L., 2d, assignor to Lovell Manufacturing Company, Erie, Pa. Marked rubber goods and producing the same. 2,060,576; Nov. 10.
Kaufman, Frank M., Merion, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Weaving pile fabrics. 2,060,502; Nov. 10.
Kaufmann, Hans P., Munster, Germany, assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing angelic acid. 2,060,623; Nov. 10.
Kautter, Carl T., Berkeley, Calif. Production of carbonylic compounds. 2,060,086; Nov. 10.
Keeley, Henry J., Denver, Colo. Combustion control. 2,060,323; Nov. 10.
Kees, Daniel, Beatrice, Nebr., assignor to F. D. Kees Manufacturing Company. Roller skate. 2,060,578; Nov. 10.
Kees, F. D., Manufacturing Company. (See Kees, Daniel, assignor.)
Keil, Francis, & Son, Inc. (See Keil, Henry F., assignor.)
Keil, Henry F., Scarsdale, N. Y., assignor to Francis Keil & Son, Inc. Bracket construction. 2,060,760; Nov. 10.
Kelly, John D. (See Near, H. B., Pacini, Crosley, Gerth, Breidigam, and Kelly.)
Kempf, Herman H., New York, N. Y. Marginal warning signal for automobiles. 2,060,771; Nov. 10.
Kenedy, Louis, New Rochelle, assignor to P. J. Kenedy & Sons, New York, N. Y. Bookmark. 2,060,624; Nov. 10.
Kenedy, P. J., & Sons. (See Kenedy, Louis, assignor.)
Kennedy, Frank W., assignor to De Laval Steam Turbine Company, Trenton, N. J. Automobile transmission. 2,060,220; Nov. 10.
Kessler Chemical Corporation, The. (See Goldschmidt, S., and Wolff, assignors.)
Kieley & Mueller, Inc. (See Brisacher, Hugo, assignor.)
Killman, Robert T. (See Killman, Thomas A., and R. T.)
Killman, Thomas A. and R. T., Nashville, Tenn. Natural colored motion picture apparatus. 2,060,503; Nov. 10.
Killman, Thomas A. and R. T., Nashville, Tenn. Colored motion-picture camera. 2,060,505; Nov. 10.
Kincaid, Volney C. (See Gill, W. L., and Kincaid.)
King, Frank A., Los Angeles, Calif. Internal combustion engine. 2,060,221; Nov. 10.
Kirchner, Carl O., assignor to Leggett and Platt Spring Bed and Manufacturing Company, Carthage, Mo. Supporting bed springs. 2,060,675; Nov. 10.
Kjellstrom, John H., assignor to J. L. Clark Manufacturing Co., Rockford, Ill. Sheet metal container. 2,060,504; Nov. 10.
Klamp, Paul, assignor to The Timken Roller Bearing Company, Canton, Ohio. Mill for rolling articles of circular section and irregular profile. 2,060,087; Nov. 10.
Klein, Otto, Stuttgart-Oberturkheim, Germany. Machine for grinding valves of the mushroom or poppet type. 2,060,396; Nov. 10.
Kleine, Josephus A., Leiden, Netherlands. Reenforcing of furs. 2,060,397; Nov. 10.
Klonne, Firm Aug. (See Pechstein, Walter, assignor.)
Knapp, Edward J., assignor to Muench-Kreuzer Candle Company, Inc., Syracuse, N. Y. Sanctuary candle lamp. 2,060,324; Nov. 10.
Knapp, John F., trustee et al. (See Roe, Charles C., assignor.)
Knight, Edward R., Jefferson City, assignor of two-thirds to E. T. Kuehn, one-sixth to W. B. Raez, and one-sixth to E. Mast, St. Joseph, Mo. Combined locking and releasing assembly. 2,060,734; Nov. 10.
Knodle, Glenn D., Bozeman, Mont. Motor vehicle rear end spotlight switch. 2,060,377; Nov. 10.
Knoop, William A., Hempstead, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Interpolating system. 2,060,222; Nov. 10.
Knowles, Dewey D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge device. 2,060,506; Nov. 10.
Knowlton, Harry W., assignor to Knowlton & Newton Co. Inc., Lowell, Mass. Dust remover for pickers. 2,060,507; Nov. 10.
Knowlton & Newton Co. Inc. (See Knowlton, Harry W., assignor.)
Kozanowski, Henry N., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Short wave oscillator. 2,060,508; Nov. 10.
Krantz, Kasmer, Buffalo, N. Y. Vehicle windshield. 2,060,579; Nov. 10.
Kränzlein, Georg, Frankfort-on-the-Main-Hochst, and R. K. Müller, Bad Soden, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing self-hardening compositions and products obtainable thereby. 2,060,625; Nov. 10.
Krause, Charles E., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Arrester of extremely high discharge capacity. 2,060,509; Nov. 10.
Krein, Andrew J., Baltimore, Md. Garment supporting waistband. 2,060,467; Nov. 10.
Krinke, Harry J. (See Cheney, T. A., and Krinke.)
Kritz, Frank, Detroit, Mich. Windshield wiper arm and drive shaft assembly. 2,060,325; Nov. 10.
Krueger, Wabun C., Dayton, assignor to Endowment Foundation, New Brunswick, N. J. Applying nutrient solution to plants. 2,060,735; Nov. 10.
Kuehn, Edna T., et al. (See Knight, Edward R., assignor.)
Kuhnl, Leopold. (See Rodrigues, O. V., and Kuhnl.)
Kuyper, Peter H., assignor to Rolscreen Company, Pella, Iowa. Roller spring adjusting means. 2,060,676; Nov. 10.
Labra, Joseph, Long Island City, N. Y. Tile and concrete binding plastic. 2,060,677; Nov. 10.
Lach, Joseph F., assignor to The Yale & Towne Mfg. Co., Stamford, Conn. Lock and making the same. 2,060,620; Nov. 10.
La Chapelle, Edmond, Denver, Colo. Automatic timing governor for internal combustion engines. 2,060,580; Nov. 10.
Laessig, Alfred, Halle-on-the-Saale, Germany. Treating cocoa beans. 2,060,581; Nov. 10.
Laford, Herbert M. (See Hopkins, R. M., and Laford.)
Lambert, Edmund B., and H. Humfeld, Clarendon, Va. Growing mushrooms. 2,060,223; Nov. 10.
Lampert, Ben H., assignor to Lampert & Lampert, Oshkosh, Wis. Longitudinal joint for concrete pavements. 2,060,326; Nov. 10.
Lampert & Lampert. (See Lampert, Ben H., assignor.)
Lamson Company, The. (See Jennings, Chester S., assignor.)
Lamson Company, The. (See Perry, H. R., and Jennings, assignors.)
Landers, Lawson R., Houston, Tex. Electrical connecter. 2,060,761; Nov. 10.
Landis, Earl E., Seattle, Wash. Ruling and lining guide for typewriters. 2,060,327; Nov. 10.
Lane, Alfred M., St. Louis County, Mo. Reflector for heat radiators. 2,060,088; Nov. 10.
Langford, George, Joliet, Ill. Reforming worn rail joint bars. 2,060,328; Nov. 10.
Lannert, Frank, assignor to Paragon Die Casting Company, Chicago, Ill. Die casting machine. 2,060,224; Nov. 10.
Lanning, Howard H. (See Chapman, E. E., and Lanning.)
Laskin, Meyer, Baltimore, Md. Attachment for sadiron handles. 2,060,225; Nov. 10.
Latham, George H. (See Hunt, J. K., and Latham.)
Lavarack, Frederick C. (See Schwendt, B. J., and Lavarack.)
Lavino, E. J., and Company. (See Seil, Gilbert E., assignor.)
L'Azote, Francais. (See des Ylouses, Gaston L., assignor.)
Learnard, Harry D., and H. R. Mathewson, Lyman, S. C., assignors to Pacific Mills, Lawrence, Mass. Pillowcase turner and doffer. 2,060,511; Nov. 10.

Leathers, Ward, Haworth, N. J., assignor to Quadrex Corporation. Suction sweeper nozzle for suction cleaners. 2,060,510; Nov. 10.
Lectrolite Corporation. (See Schlosser, Harold L., assignor.)
Ledbetter, John N., 3d. (See Wilhelm, Avery B., assignor.)
Leffert, Charles B., assignor to Geo. B. Carpenter & Co., Chicago, Ill. Awning. 2,060,582; Nov. 10.
Leggett and Platt Spring Bed and Manufacturing Company. (See Kirchner, Carl O., assignor.)
Lenke, Edward D., Akron, Ohio. Ventilating cowl. 2,060,398; Nov. 10.
Lenz, Paul, Berlin-Grunewald, Germany, assignor to General Electric Company. Electric discharge device. 2,060,678; Nov. 10.
Leonard, Joseph E., Berkeley, assignor to Hammer-Bray Company, Oakland, Calif. Combination heater-range. 2,060,627; Nov. 10.
Lepper, Althea, New York, N. Y. Food products. 2,060,679; Nov. 10.
Lever Brothers Company. (See Lorenz, Anthony J., assignor.)
Lewis, George S., Evanston, assignor to Battery Patents Corporation, Chicago, Ill. Motor bicycle. 2,060,583; Nov. 10.
Lewis, Paul F. (See Mathey, C. A., and Lewis.)
Libby, McNeil & Libby. (See Near, H. B., Pacini, Crosley, Gerth, Breidigam, and Kelly, assignors.)
Lickert, Walter O. (See Attwood, N. H., Munch, Lickert, and Baughman.)
Lieberman, Benjamin, Denver, Colo. Folding bed couch. 2,060,737; Nov. 10.
Lilly, Carson R. (See Dunlap, John A., assignor.)
Lincoln Engineering Company. (See Barks, F. S., Fox, and Linders, assignors.)
Lincoln Engineering Company. (See Fox, Alexander P., assignor.)
Linders, William Z. (See Barks, F. S., Fox, and Linders.)
Lindgren, Frank A., Western Springs, assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 2,060,226; Nov. 10.
Lindroos, William, Toronto, Ontario, Canada. Cream separator. 2,060,738; Nov. 10.
Lingg, Alfred, and S. Gelius, Munich, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Combination of camera and exposure meter. 2,060,089; Nov. 10.
Linse, Harry J., New York, N. Y. Electric ignition plug. 2,060,680; Nov. 10.
Locomotive Finished Material Company, The. (See Muchnic, Henry E., assignor.)
Loetscher, David L., Flushing, assignor, by mesne assignments, to The Crown Cork and Seal Company, Inc., New York, N. Y. Treating foodstuffs. 2,060,736; Nov. 10.
Logan, William A., Kinghorn, Fife, Scotland. Mining conveyer. 2,060,227; Nov. 10.
Long, Edward E., Lawrence, Kans. Concrete mixer. 2,060,090; Nov. 10.
Lorenz, Anthony J., Chicago, Ill., assignor to Lever Brothers Company. Soap. 2,060,228; Nov. 10.
Louisiana Oil Refining Corporation. (See Pierce, R. B., and Trusty, assignors.)
Lovell Manufacturing Company. (See Kauffman, Walter L., 2d, assignor.)
Low, Frank K., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,060,229; Nov. 10.
Lowry, Robert D., and F. L. Reynolds, assignors to the Dow Chemical Company, Midland, Mich. Rolling magnesium alloy. 2,060,071; Nov. 10.
Lucas, Mary M., Falls Church, Va. Infant's sleeping bag. 2,060,092; Nov. 10.
Lüttge, Fritz, Leuna, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Recovery of phenols from aqueous liquors. 2,060,230; Nov. 10.
Lyman, Arthur L., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Converting and removing sulphur from petroleum. 2,060,091; Nov. 10.
Lyon, George A., assignor to Lyon Incorporated, Detroit, Mich. Tire cover. 2,060,329; Nov. 10.
Lyon, George A., assignor to Lyon Incorporated, Detroit, Mich. Spare tire cover. 2,060,330; Nov. 10.
Lyon Incorporated. (See Lyon, George A., assignor.)
Machined Steel Casting Company, The. (See Hick, Harry J., assignor.)
Maddux, Homer, Kokomo, Ind. Clincher roofing clip. 2,060,739; Nov. 10.
Magazine Repeating Razor Company. (See Rodrigues, O. V., and Kuhnl, assignors.)
Magill, Herbert L., Chicago, Ill. Liquid dispensing device. 2,060,512; Nov. 10.
Mallinckrodt Chemical Works. (See Whitmore, F. C., and Homeyer, assignor.)
Malone, Walter H., and J. M. Eyre, Dallas, Tex. Combination cover and draft control for chimneys. 2,060,231; Nov. 10.
Manifold Supplies Company. (See Foster, William D., assignor.)
Manning, Paul D. V., Berkeley Woods, D. D. Peebles, Eureka, and A. H. Potbury, Berkeley, Calif. Fish cooking method. 2,060,232; Nov. 10.
Marine Optical Manufacturing Company. (See Diodati, Amedeo, assignor.)
Markel, Lawrence L., Warren, Ohio, assignor to Chicago-Cleveland Car Roofing Co., Chicago, Ill. Roof. 2,060,093; Nov. 10.
Martin-Copeland Company. (See Martin, Laurence C., assignor.)
Martin, E. Cornell, et al., trustees. (See Martin, Laurence C., assignor.)
Martin, Edgar W., et al, trustees. (See Martin, Laurence C., assignor.)
Martin, Laurence C., assignor to Martin-Copeland Company, Providence, R. I.: E. W. Martin, E. C. Martin, L. C. Martin, and G. W. Bleecker, trustees. Ophthalmic mounting. 2,060,094; Nov. 10.
Marvel Carbureter Company. (See Chandler, Milford G., assignor.)
Marx, Frank A., assignor to The Richardson Taylor-Globe Corporation, Cincinnati, Ohio. Package. 2,060,513; Nov. 10.
Massey, Oscar, Clinton, Ill. Tractor guide. 2,060,740; Nov. 10.
Mast, Eda, et al. (See Knight, Edward R., assignor.)
Mathes, Richard E., Westfield, N. J. assignor to Radio Corporation of America. Thermionic trigger device. 2,060,095; Nov. 10.
Mathewson, Herbert R. (See Learnard, H. D., and Mathewson.)
Mathey, Chester A., and P. F. Lewis, Tulsa, Okla., said Lewis assignor, by mesne assignments, to E. I. Du Pont de Nemours and Company. Measure meter. 2,060,233; Nov. 10.
Matthews, Claud L., and T. Birkenmaier, assignors to W. N. Matthews Corporation, St. Louis, Mo. Fuse switch. 2,060,514; Nov. 10.
Matthews, William F., La Fayette, Ind. Transfer board for vertical presses. 2,060,331; Nov. 10.
Matthews, W. N., Corporation. (See Matthews, C. L., and Birkenmaier, assignors.)
Mayo, Edward L., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Thermostatically controlled valve. 2,060,332; Nov. 10.
Maytag Company, The. (See Mikulasek, John.)
McCaleb, Albert G. (See Allen, Hugh E., assignor.)
McCarty, Richard J., Jr., Bethlehem, Pa., assignor to Bethlehem Steel Company. Condensation evaporator. 2,060,399; Nov. 10.
McClure E. H. (See Wayman, Albert J., assignor.)
McConnell, Thomas, Northampton, assignor to Hampton Company, Easthampton, Mass. Treatment of cellulose filaments. 2,060,515; Nov. 10.
McCord Radiator & Mfg. Co. (See Gobb, Arthur F., assignor.)
McCormick, John, Hillside, N. J. Clothesline clamp lock. 2,060,628; Nov. 10.
McCoy, Harry E., assignor, by mesne assignments, to J. Northrup, Los Angeles, Calif. Playing card shuffler. 2,060,096; Nov. 10.
McDonald, William. (See McKee, H. H., and McDonald.)
McDonnell, William E., Rochester, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Ophthalmic mounting for rimless eyeglasses. 2,060,421; Nov. 10.
McIlvaine, Oran T., Cleveland, Ohio, assignor to McIlvaine Patent Corporation, St. Charles, Ill. Electric light. 2,060,584; Nov. 10.
McIlvaine Patent Corporation. (See McIlvaine Oran T., assignor.)
McIntyre, William W., assignor of one-half to H. A. Armstrong, Detroit, Mich. Oil burner. 2,060,516; Nov. 10.
McJoynt, Thomas L., Janesville Wis. Pad filling apparatus. 2,060,620; Nov. 10.
McKee, Edward R., Buffalo, and A. S. Hunter, Kenmore, assignors to Du Pont Rayon Company, New York, N. Y. Spinning rayon. 2,060,097; Nov. 10.
McKee, Harry H., Chicago, and W. McDonald, River Forest, assignors to Industrial Patents Corporation, Chicago, Ill. Treatment of frozen meat. 2,060,423; Nov. 10.
McKee, Harry H., and G. R. Henney, assignors to Swift and Company, Chicago, Ill. Meat treating method. 2,060,422; Nov. 10.
McLachlan, Norman W., Rochester, England, assignor to Radio Corporation of America. Device for emitting or receiving sound. 2,060,098; Nov. 10.
McLaren, Gerald J., Ballston Spa, N. Y. Vending machine. 2,060,741; Nov. 10.
McMurtry, Ulysses B., Toronto, Ontario, Canada. Studio lounge. 2,060,742; Nov. 10.
McNeff, Cecil A., Portland, Oreg. Milking stool. 2,060,099; Nov. 10.
Meek, John C., Portage, Pa. Electrically heated agitator. 2,060,378; Nov. 10.
Megow, Frederick W., Philadelphia, Pa. Putting together a ship's model. 2,060,424; Nov. 10.
Meinhold, Harry E., assignor to Duffy Mott Company, Incorporated, New York, N. Y. Label. 2,060,762; Nov. 10.
Mellers, Eric V. (See Groombridge, W. H., and Mellers, assignors.)
Merco Centrifugal Separator Co. Ltd. (See Pletzer, Albert, assignor.)

Mergott, J. E., Company. (See Hiering, William C., assignor.)
Merrill, David R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for dewaxing oils. 2,060,517; Nov. 10.
Merrimac Chemical Company. (See Taylor, Maurice H., assignor.)
Mertel, Henry P., Ridgefield, N. J. Towel rack. 2,060,630; Nov. 10.
Mial, Marcel H., executor. (See Nilson, Lars G.)
Michelson, Barnett S., Boston, Mass. Shower bath attachment. 2,060,100; Nov. 10.
Micro-Westco, Inc. (See Creech, Taylor W., assignor.)
Mikulasek, John, assignor to The Maytag Company, Newton, Iowa. Extension for ironing machine rolls. 2,060,234; Nov. 10.
Miller, Charles G., Montclair, N. J., assignor to American Telephone and Telegraph Company. Telephone signal circuit. 2,060,585; Nov. 10.
Miller, Daniel D., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,060,235; Nov. 10.
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Machine for measuring gears and helical leads. 2,060,518; Nov. 10.
Miller, Virdis, and J. H. Humberstone, Schenectady, N. Y., assignors to General Electric Company. Welding electrode. 2,060,681; Nov. 10.
Miller, Virdis, and J. H. Humberstone, Schenectady, N. Y., assignors to General Electric Company. Welding electrode. 2,060,682; Nov. 10.
Milliner, Theodor. (See Brody, E., and Milliner.)
Mitchell, Harold, Winnipeg, Manitoba, Canada. Apparatus for controlling the charge of storage batteries. 2,060,743; Nov. 10.
Mitchell, Wellington M., Millersburg, Ohio. Egg gathering bucket. 2,060,468; Nov. 10.
Moffett, Guy A., Rexford, N. Y., assignor to General Electric Company. Remote control system. 2,060,772; Nov. 10.
Mohr, John K., Bay City, Mich. Egg separator. 2,060,683; Nov. 10.
Mole-Richardson, Inc. (See Richardson, Elmer C., assignor.)
Monsanto Chemical Company. (See Kaufmann, Hans P., assignor.)
Monsanto Chemical Company. (See Scott, Winfield, assignor.)
Monsanto Petroleum Chemicals, Inc. (See Thomas, C. A., and Carmody, assignors.)
Moody, Lewis F., Princeton, N. J. Hydraulic power apparatus. 2,060,101; Nov. 10.
Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,060,684; Nov. 10.
Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co., Inc. Safety catch. 2,060,333; Nov. 10.
Moreno, Gabriel G., Los Angeles, Calif., assignor to C M C Corporation, New York, N. Y. Apparatus for intermittently advancing strip film. 2,060,334; Nov. 10.
Morgan, E. R., et al. (See Harriman, William L., assignor.)
Morgan, George A., assignor to Sanford Mills, Sanford, Maine. Weaving warp pile fabrics. 2,060,103; Nov. 10.
Moseley, Tomlinson I., San Francisco, Calif. Hair curler. 2,060,102; Nov. 10.
Mosler Ignition Corporation. (See Kasarjian, Armen A., assignor.)
Moulton, Harold R., Sturbridge, assignor to American Optical Company, Southbridge, Mass. Hardened vitreous article. 2,060,104; Nov. 10.
Mouromtseff, Ilia E., Wilkinsburg, Pa., and G. V. Rylsky, New York, N. Y., assignors to Westinghouse Electric and Manufacturing Company. Water cooled vacuum tube. 2,060,519; Nov. 10.
Muchnic, Henry E., assignor to The Locomotive Finished Material Company, Atchison, Kans. Piston valve packing. 2,060,335; Nov. 10.
Muehl, Ernest L., Detroit, Mich. Dough kneading and cutting machine. 2,060,236; Nov. 10.
Muench-Kreuzer Candle Company Inc. (See Knapp, Edward J., assignor.)
Mullan, Edward P., Bala, Pa. Production of positives and negatives without the use of photography or photographic apparatus. 2,060,105; Nov. 10.
Muller, Alfred W., New York, N. Y. Electric heating device. 2,060,237; Nov. 10.
Müller, Richard K. (See Kränzlein, G., and Müller.)
Munch, Robert F. (See Attwood, N. H., Munch, Lickert, and Baughman.)
Muros, Joseph, Belmont, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,060,520; Nov. 10.
Murphy, Lloyd T., Chattanooga, Tenn. Pulp separating system. 2,060,685; Nov. 10.
Myer, Percy L., Ozone Park, assignor to The Western Union Telegraph Company, New York, N. Y. Automatic ticker-tape feed-out device. 2,060,586; Nov. 10.
Myers, C. A., Company. (See Severus, Julius, assignor.)
Myers, Walter, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Strip-guide for sewing machines. 2,060,631; Nov. 10.
National Bread Wrapping Machine Co. (See Hoppe, William, assignor.)
National Cash Register Co., The. (See Breitling, Ernst, assignor.)
National Cash Register Company, The. (See Gelpke, Kurt, assignor.)
National Cash Register Company, The. (See Scott, Howard B., assignor.)
National Company. (See Smith, William G., assignor.)
Near, Harold B., and A. J. Pacini, Evanston, R. W. Crosley, M. M. Gerth, F. T. Breidigam, and J. D. Kelly, assignors to Libby, McNeill & Libby, Chicago, Ill. Composition of matter containing vegetable mucinous extract from plants. 2,060,336; Nov. 10.
Nehls, Charles H., assignor to Eaton Detroit Metal Company, Detroit, Mich. Locking device. 2,060,337; Nov. 10.
Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluid. 2,060,338; Nov. 10.
Nelson, Wilbur B., assignor to Ice Plan Equipment Company, Philadelphia, Pa. Air-inlet drop tube and bracket for ice making. 2,060,632; Nov. 10.
Neukom, Oliver W., Berkeley, assignor to Union Oil Company of California, Los Angeles, Calif. Miscible oil and preparing same. 2,060,425; Nov. 10.
Newhouse, Simeon E., Forest Hills, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric vehicle. 2,060,521; Nov. 10.
New Jersey Machine Corporation. (See Fleischer, P. W., and von Hofe, assignors.)
Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Evaporator for refrigerating machines. 2,060,633; Nov. 10.
Newton, Roy C., and D. P. Grettie, assignors to Industrial Patents Corporation, Chicago, Ill. Oil and fat treatment and product. 2,060,587; Nov. 10.
New York Air Brake Company, The. (See Campbell, Charles A., assignor.)
Nieman, Henry W., Bethlehem, Pa., assignor to Bethlehem Steel Company. Method of and apparatus for treating sheet metal. 2,060,400; Nov. 10.
Niemic, Norbert, Detroit, Mich. Device for drafting. 2,060,686; Nov. 10.
Niles, Bement-Pond Company. (See Crowey, Norman J., assignor.)
Nilson, Lars G., Hoboken, N. J., M. H. Mial, executor of said L. G. Nilson, deceased, assignor of one-half to F. P. Faby, New Rochelle, N. Y., and one-half to A. N. Spanel, Rochester, N. Y. Apparatus for and method of cleaning. 2,060,238; Nov. 10.
Noble, William N., New York, N. Y. Airship. 2,060,469; Nov. 10.
Noel Associates, Inc. (See Simjian, Luther G., assignor.)
Norcross, Austin S., Newton, Mass. Alternating current motor. 2,060,106; Nov. 10.
Norling, Reinhold A., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Exhaust means for rotors. 2,060,107; Nov. 10.
Normand, Omer, Montreal, Quebec, Canada. Cooking stove. 2,060,339; Nov. 10.
Northrup, Jeannette. (See McCoy, Harry E., assignor.)
Norton Laboratories. (See Hiscock, William J., assignor.)
Oberseider, John L., and P. L. Robison, assignors to The Atlantic Refining Company, Philadelphia, Pa. Treatment of blackstrap sludge. 2,060,108; Nov. 10.
Ogden, Joseph R., Jr., Margate City, N. J. Reflector. 2,060,588; Nov. 10.
Oilgear Company, The. (See Ferris, W., and Wollaeger, assignors.)
Old Colony Envelope Company. (See Walton, Albert, Jr., assignor.)
Olsen, Friedrich, and F. R. Seavey, Alton, assignors to Western Cartridge Company, East Alton, Ill. Nitrosoguanidine as a priming ingredient. 2,060,522; Nov. 10.
Olson, Andrew. (See Glaser, R. W., and E. J. and A. Olson.)
Olson, Edgar J. (See Glaser, R. W., and E. J. and A. Olson.)
O'Marra, Martin, New York, N. Y. Spark-plug. 2,060,340; Nov. 10.
O'Neil, William F. (See Finefrock, T. P., and O'Neil.)
Opticolor Aktiengesellschaft. (See Gretener, Edgar, assignor.)
O'Shea, James, Detroit, F. N. Ross, Grosse Pointe Park, and E. M. Crosby, Royal Oak, Mich., said Ross and said Crosby assignors to said O'Shea. Display device. 2,060,341; Nov. 10.
Otis, Albert N., Schenectady, N. Y., assignor to General Electric Company. Furnace. 2,060,634; Nov. 10
Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Refrigeration. 2,060,589; Nov. 10.
Pacific Mills. (See Learnard, H. D., and Mathewson, assignors.)
Pacific Mills. (See Prudden, Theodore M., assignor.)
Pacini, August J. (See Near, H. B., Pacini, Crosley, Gerth, Breidigam, and Kelly.)
Packard Motor Car Company. (See Moorhouse, Alfred, assignor.)
Packer, Lewis C., Longmeadow, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Beater rod locking device. 2,060,523; Nov. 10.
Padgett, Joseph E., Toledo, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorbing means. 2,060,590; Nov. 10.

Palicki, Robert C., Toledo, Ohio. Making coated fabric articles. 2,060,342; Nov. 10.
Palicki, Robert C., Toledo, Ohio. Coating fabric work gloves. 2,060,343; Nov. 10.
Paragon Die Casting Company. (See Lannert, Frank, assignor.)
Parkin, Winfred T., assignor to Theodore W. Foster & Bro. Co., Providence, R. I. Razor with sliding actuator plate. 2,060,635; Nov. 10.
Parkin, Winfred T., assignor to Theodore W. Foster & Bro. Co., Providence, R. I. Razor. 2,060,687; Nov. 10.
Parmenter, Bert N., Lake Forest, Ill. Window device. 2,060,109; Nov. 10.
Patterson, William M., Fairland, Ind., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Photosensitive tube. 2,060,524; Nov. 10.
Paxton, Burton, Chicago, Ill., assignor to Chicago Hydraulic Oil Co. Hydraulic pressure fluid. 2,060,110; Nov. 10.
Pearmain, William J., assignor to Twin Disc Clutch Company, Racine, Wis. Clutch. 2,060,379; Nov. 10.
Pearmain, William J., assignor to Twin Disc Clutch Company, Racine, Wis. Clutch. 2,060,773; Nov. 10.
Pechstein, Walter, assignor to the firm Aug. Kionne, Dortmund, Germany. Gasholder of the waterless type. 2,060,591; Nov. 10.
Peebles, David D. (See Manning, P. D. V., Peebles, and Potbury.
Peerless Ice Machine Company. (See Hoesel, Anthony F., assignor.)
Peltzer, Albert, Palo Alto, assignor to Merco Centrifugal Separator Co. Ltd., San Francisco, Calif. Centrifuge construction. 2,060,239; Nov. 10.
Penn Electric Switch Co. (See Henning, Malcolm E., assignor.)
Penn Electric Switch Co. (See Persons, Lawrence M., assignor.)
Penn Electric Switch Co. (See Shaw, Burton E., assignor.)
Pennsylvania Railroad Company, The. (See Billstein, Arthur E. F., assignor.)
People of the United States. (See Pulley, George N., assignor.)
Peremi, Edmund, and L. Toth, Manhasset, N. Y. Window construction. 2,060,525; Nov. 10.
Pergande, George, Chicago, Ill., assignor to Badger Carton Company, Milwaukee, Wis. Carton or box. 2,060,240; Nov. 10.
Perkins, George G. (See Hitchcock, F. J., and Perkins.)
Perkins, Lester C., assignor, by mesne assignments, to Quad Pneumatic Lift Company, Spokane, Wash. Automobile lifting mechanism. 2,060,344; Nov. 10.
Perry, Harold R., Swarthmore, Pa., and C. S. Jennings, assignors to The Lamson Company, Syracuse, N. Y. Conveyer system. 2,060,744; Nov. 10.
Persons, Lawrence M., assignor to Penn Electric Switch Co., Des Moines, Iowa. Air conditioning system. 2,060,636; Nov. 10.
Peterson, Andrew C. (See Hill, H. S., and Peterson.)
Peterson, Carl E., Redondo Beach, Calif. Car mover. 2,060,526; Nov. 10.
Peterson, Peter, assignor to The City Auto Stamping Company, Toledo, Ohio. Combined fender and lamp housing. 2,060,527; Nov. 10.
Pettie, Allen D., Plainfield, N. J., assignor to General Cable Corporation, New York, N. Y. Insulating joint for cables. 2,060,745; Nov. 10.
Pflanze, Charles F. (See Johnson, Frank R., assignor, and Pflanze.)
Phillips, Charles, and G. M. Harris, Louisville, Ky. Air-circulatory system for dry kilns. 2,060,111; Nov. 10.
Phillips, Charles H., assignor to Fairway Real Estate Company, Incorporated, Richmond, Va. Jewelry. 2,060,345; Nov. 10.
Pierce, Ralph B., and A. W. Trusty, assignors to Louisiana Oil Refining Corporation, Shreveport, La. Treating hydrocarbon oils. 2,060,112; Nov. 10.
Platt, Herbert, Cumberland, Md., assignor to Celanese Corporation of America. Treatment of fabrics containing organic derivatives of cellulose. 2,060,113; Nov. 10.
Podolsky, Leon, assignor to Wirt Company, Philadelphia, Pa. Making variable resistance units. 2,060,114; Nov. 10.
Pollock, Leopold, New York, N. Y. Electrical connecter. 2,060,115; Nov. 10.
Poppe, George W., assignor to Equitable Paper Bag Co. Inc., Brooklyn, N. Y. Receptacle. 2,060,470; Nov. 10.
Porter, Sidney C., Newell, assignor to The Globe Brick Company, Kenilworth, W. Va. Brick. 2,060,746; Nov. 10.
Potbury, Alfred H. (See Manning, P. D. V., Peebles, and Potbury.)
Powell, Herbert S., Utica, N. Y. Muffler. 2,060,116; Nov. 10.
Powell, Willard C., Dayton, Ohio. Device for facilitating the reading of a slide rule. 2,060,528; Nov. 10.
Powell, Winfred T. (See Bushnell, C. S., and Powell.)
Preston, Warren E. (See Barnes, G. M., and Preston.)
Princeton Inc. (See Fleisher, Harry, assignor.)
Proctor, B. A., Company. (See Proctor, Barton A., assignor.)
Proctor, Barton A., Larchmont, assignor to B. A. Proctor Company, Inc., New York, N. Y. Phonograph. 2,060,117; Nov. 10.
Prudden, Theodore M., Hingham Center, Mass., assignor to Pacific Mills, Lawrence, Mass. Sound absorbing structure. 2,060,241; Nov. 10.
Pryor, Edward J. (See Pryor, William E., J. S., and E. J.)
Pryor, James S. (See Pryor, William E., J. S., and E. J.)
Pryor, William E., J. S., and E. J., Yuma, Ariz. Agricultural implement. 2,060,688; Nov. 10.
Public, Free use of the. (See Senner, Arthur H., assignor.)
Pulley, George N., dedicated to the free use of the People of the United States. Apparatus for deaerating liquids. 2,060,242; Nov. 10.
Putnam, James R., assignor to Waterbury Clock Company, Waterbury, Conn. Watch. 2,060,118; Nov. 10.
Pym, Arthur F., Beach Bluff, assignor to Sibley-Pym Corporation, Lynn, Mass. Winding machine. 2,060,380; Nov. 10.
Quad Pneumatic Lift Company. (See Perkins, Lester C., assignor.)
Quadrex Corporation. (See Leathers, Ward, assignor.)
Ravz, Ernest, assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,060,119; Nov. 10.
Radio Corporation of America. (See Briggs, Joseph A., assignor.)
Radio Corporation of America. (See Burt, A. D., Rohner, and Shoup, assignors.)
Radio Corporation of America. (See Crosby, Murray G., assignor.)
Radio Corporation of America. (See Ditcham, William T., assignor.)
Radio Corporation of America. (See Hansell, Clarence W., assignor.)
Radio Corporation of America. (See Mathes, Richard E., assignor.)
Radio Corporation of America. (See McLachlan, Norman W., assignor.)
Radio Corporation of America. (See Roberts, Walter van B., assignor.)
Raez, William E., et al. (See Knight, Edward R., assignor.)
Railroad Accessories Corporation. (See Schwendt, B. J., and Lavarack, assignors.)
Rarick, Orth E., Eagle, assignor to Eagle Manufacturing Company, Caldwell, Idaho. Two-way tractor plow. 2,060,439; Nov. 10.
Ratner, Hyman. (See Cohen, Joseph, assignor.)
Ray, William F., assignor, by mesne assignments, to Rubberized Metal Containers Incorporated, Chicago, Ill. Manufacture of battery boxes. 2,060,120; Nov. 10.
Rayfield, William C., assignor to Detroit Lubricator Company, Detroit, Mich. Carburetor. 2,060,747; Nov. 10.
Read, Dorothy, Miami, Fla., assignor to Jantzen Knitting Mills, Portland, Oreg. Bathing suit. 2,060,689; Nov. 10.
Reddish, Warren T., assignor to Emery Industries, Inc., Cincinnati, Ohio. Removing sericin from silk. 2,060,529; Nov. 10.
Reed Roller Bit Company. (See Stokes, John C., assignor.)
Reid, Kirk M., East Cleveland, and H. J. Chanon, Cleveland, Ohio, assignor to General Electric Company. Signal lamp. 2,060,637; Nov. 10.
Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Electroplating. 2,060,530; Nov. 10.
Renault, L. N., & Sons, Inc. (See Buck, H. G., and Aspen, assignors.)
Rexair Corporation. (See Brock, Clarence A., assignor.)
Reynolds, Fred L. (See Lowry, R. D., and Reynolds.)
Rice, Owen R., assignor to Freyn Engineering Company, Chicago, Ill. Tuyères. 2,060,346; Nov. 10.
Richard, Clement C., assignor to Allied Products Corporation, Detroit, Mich. Drawing die. 2,060,690; Nov. 10.
Richardson, Elmer C., assignor to Mole-Richardson, Inc., Los Angeles, Calif. Arc lamp. 2,060,347; Nov. 10.
Richardson, Robert and W. S. Bateman, Jr., East Liverpool, Ohio, assignors to The Babcock & Wilcox Company, Bayonne, N. J. Centrifugal molding machine. 2,060,121; Nov. 10.
Richardson Taylor-Globe Corporation, The. (See Marx, Frank A., assignor.)
Riley, Thomas, assignor to J. & J. Cash, Incorporated, South Norwalk, Conn. Shipping and utility carton. 2,060,763; Nov. 10.
Ripper, Kurt, Berlin, Germany. Manufacture of artificial resins and artificial masses by condensation of dicyandiamide with formaldehyde. 2,060,122; Nov. 10.
Rittenhouse, A. E., Co., The. (See Rittenhouse, Arthur E., assignor.)
Rittenhouse, Arthur E., assignor to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Electrical terminal. 2,060,426; Nov. 10.
Roberts, Hardy, Devine, and C. H. Robertson, Fort Worth, Tex. Valve mechanism. 2,060,748; Nov. 10.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Oscillation generator. 2,060,592; Nov. 10.
Robertson, Charles H. (See Roberts, H., and Robertson.)
Robinson, Arthur S., assignor to Rochester Manufacturing Co., Inc., Rochester, N. Y. Thermometer. 2,060,427; Nov. 10.
Robison, Paul L. (See Oberseider, J. L., and Robison.)
Rochester Manufacturing Co. (See Robinson, Arthur S., assignor.)

Rockwell, Hugh M., Freeport, N. Y. Power transmission clutch and hydraulic control means therefor. 2,060,691; Nov. 10.

Rockwell, Hugh M., Freeport, N. Y. Power transmission clutch. 2,060,692; Nov. 10.

Rodanet, Charles H. Henri, Neuilly-sur-Seine, assignor to Société Anonyme: Etablissements Ed. Jaeger, Levallois-Perret, France. Clock provided with a transparent dial and an invisible mechanism. 2,060,531; Nov. 10.

Rodrigues, Octavius V., Passaic, N. J., and L. Kuhnl, Bridgeport, Conn., assignors to Magazine Repeating Razor Company, New York, N. Y. Magazine razor. 2,060,243; Nov. 10.

Roe, Charles C., Stockton, assignor to J. F. Knapp, Oakland, Calif., and himself, as trustees. Generator. 2,060,244; Nov. 10.

Röhm & Haas Company. (See Hester, William F., assignor.)

Rohner, Arnold J. (See Burt, A. D., Rohner, and Shoup.)

Rolscreen Company. (See Kuyper, Peter H., assignor.)

Roniger, Charles J., New Orleans, La. Carbon paper rejuvenator. 2,060,693; Nov. 10.

Rose, Herbert A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric current conversion system. 2,060,471; Nov. 10.

Rosefield, John B., Oakland, Calif. Insect poison container. 2,060,245; Nov. 10.

Rosenblad, Curt F., Sodertalje, Sweden. Heat exchange apparatus. 2,060,440; Nov. 10.

Roosenstein, Hans O. (See Huber, W., and Roosenstein.)

Rosenthal, Annie, executrix. (See Rosenthal, Levi M.)

Rosenthal, Levi M., New York, N. Y., Annie Rosenthal, executrix of the estate of said Levi M. Rosenthal, deceased. Shoetree. 2,060,123; Nov. 10.

Ross, Albert M., Ware, Mass. Welding rod for arc welding. 2,060,441; Nov. 10.

Ross, Frederick N. (See O'Shea, J., Ross, and Crosby.)

Rossman, Edwin F., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Shock absorber. 2,060,532; Nov. 10.

Royal Electric Company. (See Goodwin, G. R., and Farrar, assignors.)

Rubberized Metal Containers, Incorporated. (See Ray, William F., assignor.)

Rubini Cigar Company. (See Gessler, Samuel, assignor.)

Rudd, Maurice A. (See Howe, P. J., Hamlett, and Rudd.)

Rufener, Hans, and T. Eichmann, Bern, Switzerland, assignors, by mesne assignments, to International Carbonic Engineering Company, Kennett Square, Pa. Refrigerator. 2,060,694; Nov. 10.

Rundell, Rupert E., Rockville Centre, N. Y., assignor to American Machine & Foundry Company. Tobacco stemmer. 2,060,443; Nov. 10.

Russell Box Company. (See Russell, W. B., and Sidebotham, assignors.)

Russell, Harold, Boston, Mass. Form for making concrete castings. 2,060,246; Nov. 10.

Russell, Waldo B., Saugus, and M. H. Sidebotham, West Newton, assignors to Russell Box Company, Medford, Mass. Combination egg box and filler. 2,060,442; Nov. 10.

Ryan Coffee Corporation. (See Ryan, W. M., and Bold, assignors.)

Ryan, William M., and J. W. Bold, Brooklyn, assignors to Ryan Coffee Corporation, New York, N. Y. Vacuum can. 2,060,444; Nov. 10.

Ryde, John W. (See Francis, V. J., and Ryde.)

Rydquist, Adolph, assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Window channel. 2,060,124; Nov. 10.

Rye, Reginald G. et al. (See Clapp, Peter A., assignor.)

Ryley, Alfred G., assignor to W. H. Wiewel, Canton, Ohio. Safety razor. 2,060,445; Nov. 10.

Rylsky, Gregory V. (See Mouromtseff, I. E., and Rylsky.)

S. O. S. Company, The. (See Brooks, George W., assignor.)

Sallmann, Richard. (See Graenacher, C., and Sallmann.)

Samcoe Holding Corporation. (See Cohn, Samuel, assignor.)

Samuel, Max, Cologne, Germany. Bottle provided with combined drinking and measuring vessel. 2,060,125; Nov. 10.

Sanders, Walter C., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing pedestal truck. 2,060,446; Nov. 10.

Sandin, Jerome, Wilkins Township, Allegheny County, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit breaker. 2,060,472; Nov. 10.

Sanford Mills. (See Morgan, George A., assignor.)

Sarber, Rae, Vancouver, British Columbia, Canada. Operating device for direction indicating appliances. 2,060,695; Nov. 10.

Sargent, Allston, Bronxville, assignor to Campbell Metal Window Corporation, New York, N. Y. Ventilating apparatus. 2,060,764; Nov. 10.

Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Adjustable seat support. 2,060,247; Nov. 10.

Schatz, Hermann. (See Breuers, W., and Schatz.)

Schaurte, Werner T., Neuss-on-the-Rhine, and A. Thum, Darmstadt, assignors to Bauer & Schaurte, Rheinische Schrauben u. Mutternfabrik A. G., Neuss-on-the-Rhein, Germany. Metal element and making the same. 2,060,593; Nov. 10.

Schering-Kahlbaum A. G. (See Hildebrandt, F., and Schwenk, assignors.)

Scheynost, Rudolph, Chicago, Ill. Comminuting machine. 2,060,126; Nov. 10.

Schiller, Georg. (See Wietzel, G., and Schiller.)

Schladebach, Hermann, Dessau in Anhalt, and H. Hähle, Dessau-Ziebigk in Anhalt, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Metalliferous hydroxyazo dyes and their production. 2,060,381; Nov. 10.

Schlegel, Manufacturing Company, The. (See Rydquist, Adolph, assignor.)

Schlosser, Harold L., assignor to Lectrolite Corporation, Defiance, Ohio. Service station steamer. 2,060,638; Nov. 10.

Schneider, Wilhelm, Dessau-in-Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghampton, N. Y. Thrimethine-cyanine dyes. 2,060,382; Nov. 10.

Schneider, Wilhelm, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghampton, N. Y. Sensitized silver halide emulsions. 2,060,383; Nov. 10.

Schneider, Wilhelm, Dessau, and G. Wilmanns, Wolfen Kreis, Bitterfeld, Germany, assignors to Agfa Ansco Corporation, Binghampton, N. Y. Photographic developer. 2,060,594; Nov. 10.

Schneider, Wilhelm, Dessau, and G. Wilmanns, Wolfen Kreis Bitterfeld, Germany, assignors to Agfa Ansco Corporation, Binghampton, N. Y. Photographic developer. 2,060,595; Nov. 10.

Schneider, Wilhelm, Dessau, and G. Wilmanns, Wolfen Kreis Bitterfeld, Germany, assignor to Agfa Ansco Corporation, New York, N. Y. Photographic developer. 2,060,596; Nov. 10.

Schoenemann, Karl, Heidelberg, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Working-up of carbonaceous materials. 2,060,447; Nov. 10.

Schofield, M. B., et al. (See Harriman, William L., assignor.)

Schofield, William B., New York, N. Y. Eye protector. 2,060,127; Nov. 10.

Schrader, George M., and R. J. H. Dannenberg, Du Page Township, Will County, Ill. Dandelion bed knife guard. 2,060,696; Nov. 10.

Schreiber, John J. (See Suppiger, G. S., Alexander, and Schreiber.)

Schulz, Walter F., assignor to Truscon Steel Company, Youngstown, Ohio. Highway guard. 2,060,128; Nov. 10.

Schumb, Martin T., East Milton, assignor to Boston Gear Works, Inc., North Quincy, Mass. Flexible coupling. 2,060,473; Nov. 10.

Schur, Milton O., assignor to Brown Company, Berlin, N. H. Coating composition and its preparation. 2,060,129; Nov. 10.

Schweitzer, Frank J. (See Shaffer, W. D., and Schweitzer.)

Schweitzer, Frank J., Brea, Calif. Floating block gate ram. 2,060,248; Nov. 10.

Schwendt, Bernard J., Lakewood, Ohio, and F. C. Lavarack, Montclair, N. J., assignors to Railroad Accessories Corporation, New York, N. Y. Railway switch locking device. 2,060,448; Nov. 10.

Schwenk, Erwin. (See Hildebrandt, F., and Schwenk.)

Scientific Tablet Co. (See Suppiger, G. S., Alexander, and Schreiber, assignors.)

Scott, Howard B., assignor to The National Cash Register Company, Dayton, Ohio. Mechanical clutch. 2,060,249; Nov. 10.

Scott, William P., Oakland, Calif. Bottom dump vehicle. 2,060,130; Nov. 10.

Scott, Winfield, Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Nitro-phenyl-arylene-thiazyl-disulphides and manufacturing the same. 2,060,428; Nov. 10.

Scovill Manufacturing Company. (See Bahney, Luther W., assignor.)

Scovill Manufacturing Company. (See Summey, David L., assignor.)

Scrutchfield, Paul H. (See Durant, W. W., and Scrutchfield.)

Searle, Arthur M., G. L. Hunt, and R. J. M. Andrews, Aldwych, London, England, assignors to Western Electric Company, Incorporated, New York, N. Y. Combined teleprinter and telephone system. 2,060,250; Nov. 10.

Seavey, Frederick R. (See Olsen, F., and Seavey.)

Sell, Gilbert E., Cynwyd, assignor to E. J. Lavino and Company, Philadelphia, Pa. Making chromite refractories. 2,060,697; Nov. 10.

Seippel, Claude, Ennetbaden, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Automatic regulating system for pressure-fired steam boilers and the like. 2,060,535; Nov. 10.

Senner, Arthur H., Baltimore, Md., dedicated to the free use of the Public. Attachment for heating apparatus. 2,060,348; Nov. 10.

Sensaud de Lavaud, Dimitri, S. Paris, France. Disk differential gear. 2,060,558; Nov. 10.

Serrell, John A., Passagrille, Fla., assignor to Webster Tallmadge & Company Inc., East Orange, N. J. Wind controlled heating system. 2,060,251; Nov. 10.

Severus, Julius, Downers Grove, assignor to C. A. Myers Company, Chicago, Ill. Combination sewing awl and marker. 2,060,349; Nov. 10.

Shaffer, William D., and F. J. Schweitzer, Brea, Calif. Floating block gate ram. 2,060,252; Nov. 10.

Shaw, Burton E., Adel, assignor to Penn Electric Switch Co., Des Moines, Iowa. Selector for control clocks. 2,060,639; Nov. 10.

Shaw, Charles P., assignor to Detroit Moulding Corporation, Detroit, Mich. Making intaglio printing plates. 2,060,640; Nov. 10.

Shaw, Charles P., assignor to Detroit Moulding Corporation, Detroit, Mich. Finishing garnish moldings. 2,060,641; Nov. 10.

Shearer, Harry T., Waynesboro, Pa., assignor to Automatic Machine Manufacturing Company, Baltimore, Md. Automatic shoe polishing machine. 2,060,384; Nov. 10.

Sheffield, Donald H., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Method for the production of terpineol from pinene. 2,060,597; Nov. 10.

Shepard, David C. (See Smith, Swan, assignor.)

Shopneck, Henry P., Danvers, Mass. Leather-like material. 2,060,253; Nov. 10.

Shoup, Frederic. (See Burt, A. D., Rohner, and Shoup.)

Shriber, Joseph D., Los Angeles, Calif. Molding apparatus. 2,060,474; Nov. 10.

Shurley, Frederick and Q. H., Huntington Park, Calif. Printing machine for impenetrable surfaces. 2,060,385; Nov. 10.

Shurley, Queenie H. (See Shurley, Frederick and Q. H.)

Shuron Optical Company. (See McDonnell, William E., assignor.)

Sibley-Pym Corporation. (See Pym, Arthur F., assignor.)

Sidebotham, Melvin H. (See Russell, W. B., and Sidebotham.)

Siebenbürger, Hugo, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Making sulphuric acid esters of aliphatic alcohols and the products. 2,060,254; Nov. 10.

Siler, Carl R., Dayton, Ohio. Core box vent plug. 2,060,350; Nov. 10.

Simjian, Luther G., New Haven, Conn., assignor to Noel Associates, Inc., New York, N. Y. Pose-reflecting apparatus. 2,060,351; Nov. 10.

Simons, Erich. (See Bockmühl, M., Simons, and Dörzbach.)

Singer, Adolph. (See Singer, Isaac, A., and H.)

Singer, Hyman. (See Singer, Isaac, A., and H.)

Singer, Isaac, A., and H., Montreal, Quebec, Canada. Cushioned back for a seat. 2,060,449; Nov. 10.

Singer Manufacturing Company, The. (See Myers, Walter, assignor.)

Singleton, William, Wembley, W. Hulme, Bush Hill Park, and B. Jones, Blackheath, London, assignors to Goodlass Wall and Lead Industries Limited, London, England. Manufacture of leaden articles. 2,060,533; Nov. 10.

Singleton, William, Wembley, W. Hulme, Bush Hill Park, and B. Jones, Ealing, London, assignors to Goodlass Wall and Lead Industries Limited, London, England. Lead alloy. 2,060,534; Nov. 10.

Sirian Lamp Company. (See Braselton, Chester H., assignor.)

Sloane, Samuel G. et al. (See Vass, Joseph, assignor.)

Smith, George L., assignor to Thermo Brakes Corporation, Washington, D. C. Brake mechanism. 2,060,429; Nov. 10.

Smith, John H., Meadville, Pa. Fuel control means for airship engines. 2,060,536; Nov. 10.

Smith, Joseph C., St. Paul, Minn. Direction signal. 2,060,401; Nov. 10.

Smith, Swan, White Bear, assignor to D. C. Shepard, St. Paul, Minn. Forming containers with paper hoops. 2,060,642; Nov. 10.

Smith, William A., Jr., North Arlington, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Throttle locking device. 2,060,256; Nov. 10.

Smith, William G., Newton Highlands, assignor to National Company, Inc., Malden, Mass. Indicating device. 2,060,537; Nov. 10.

Société Anonyme: Etablissements Ed. Jaeger. (See Rodanet, Charles H. H., assignor.)

Societe des Usines Chimiques Rhone-Poulenc. (See Delépine, M., and Gailliot, assignors.)

Society of Chemical Industry in Basle. (See Bonhôte, Gérald, assignor.)

Society of Chemical Industry in Basle. (See Felix, F., Bommer, and Huber, assignors.)

Society of Chemical Industry in Basle. (See Graenacher, C., and Sallmann, assignors.)

Society of Chemical Industry in Basle. (See Siebenbürger, Hugo, assignor.)

Sosa, Augustus M., assignor to Vulcan Corporation, Portsmouth, Ohio. Spray coating machine. 2,060,131; Nov. 10.

Southworth, Edward, assignor to Southworth Machine Company, Portland, Maine. Humidifying apparatus. 2,060,257; Nov. 10.

Southworth, Edward, Portland, and G. Whitney, Westbrook, assignors to Southworth Machine Company, Portland, Maine. Humidifying apparatus. 2,060,258; Nov. 10.

Southworth Machine Company. (See Southworth, Edward, assignor.)

Southworth Machine Company. (See Southworth, E., and Whitney, assignors.)

Spanel, Abraham N., et al. (See Nilson, Lars G., assignor.)

Sparks, Rupert D., Williamson, W. Va. Recording device. 2,060,132; Nov. 10.

Speed, James A., Los Angeles, Calif. Carburetor. 2,060,538; Nov. 10.

Spengler, Walter J., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Magneto generator. 2,060,259; Nov. 10.

Spengler, Walter J., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Magneto generator. 2,060,260; Nov. 10.

Sperzel, Peter J., Minneapolis, Minn. Sanitary support for toilet bowls. 2,060,698; Nov. 10.

Spicer, Myrle H., Wisconsin Dells, Wis. Control for electric score boards. 2,060,431; Nov. 10.

Spies, Joseph R., College Park, Md. Obtaining free silver and iodine from silver iodide. 2,060,539; Nov. 10.

Spooner, William W., Ilkley, England. Treatment of webs of material. 2,060,430; Nov. 10.

Square D Company. (See Ball, Albert P., assignor.)

Square D Company. (See Horton, Bryson D., assignor.)

Squires, Harry, Thompsonville, Conn. Siphon device. 2,060,432; Nov. 10.

Standard Brands Incorporated. (See Swift, Freeman R., assignor.)

Standard Oil Company of California. (See Lyman, Arthur L., assignor.)

Stargardt, Helen, Detroit, Mich. Measuring device for containers. 2,060,386; Nov. 10.

Steele, Charles G., and W. H. Stevens, Los Angeles, Calif. Making rolled hollow metal articles. 2,060,779; Nov. 10.

Steele, James W., Kansas City, Mo. Garment button and buttonhole attachment. 2,060,643; Nov. 10.

Steen, Harford K., Newburgh, N. Y. Machine for making handled shopping bags. 2,060,450; Nov. 10.

Steen, Harford K., Newburgh, N. Y. Making handled shopping bags. 2,060,451; Nov. 10.

Steimel, Karl. (See Urtel, R., and Steimel.)

Sterick, Harrison D., Pittsburgh, Pa. Water heater. 2,060,452; Nov. 10.

Stevens, Walter H. (See Steele, C. G., and Stevens.)

Stewart, Edward C., Washington, Pa., assignor, by mesne assignments, to Hartford-Empire Company, Hartford, Conn. Apparatus for feeding molten glass. 2,060,475; Nov. 10.

Stewart-Warner Corporation. (See Davis, Ernest W., assignor.)

Stiebel, Theodor, Berlin-Tempelhof, Germany. Electric immersion heater. 2,060,644; Nov. 10.

Stinson, Lyman A., Chicago, assignor of one-half to J. L. Allen, Wilmette, Ill. Automatic show card printing device. 2,060,749; Nov. 10.

Stokely, Ray L., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,060,261; Nov. 10.

Stokes, John C., assignor to Reed Roller Bit Company, Houston, Tex. Expansible bit. 2,060,352; Nov. 10.

Stouffer, Daniel S., Los Angeles, Calif. Crankshaft rotating tool. 2,060,262; Nov. 10.

Straeten, Charles L., assignor to Industrial Patents Corporation, Chicago, Ill. Slicing machine attachment. 2,060,540; Nov. 10.

Strauss, Joseph B., San Francisco, Calif. Combined truck and supporting mechanism for aerial cars. 2,060,402; Nov. 10.

Stubnitz-Greene Spring Corporation. (See Greene, Daniel A., assignor.)

Sturtevant, B. F., Company. (See Allen, George W., assignor.)

Summey, David L., deceased, The Colonial Trust Company and R. P. W. Summey, executors, assignors to Scovill Manufacturing Company, Waterbury, Conn. Treating metals. 2,060,133; Nov. 10.

Summey, David L., deceased, The Colonial Trust Company and R. P. W. Summey, executors, assignors to Scovill Manufacturing Company, Waterbury, Conn. Apparatus for refining metals. 2,060,134; Nov. 10.

Summey, David L., deceased, The Colonial Trust Company and R. P. W. Summey, executors, assignors to Scovill Manufacturing Company, Waterbury, Conn. Metallurgical apparatus. 2,060,135; Nov. 10.

Summey, David L., deceased, The Colonial Trust Company and R. P. W. Summey, executors, assignors to Scovill Manufacturing Company, Waterbury, Conn. Electric furnace. 2,060,136; Nov. 10.

Summey, Richard P. W., et al, executors. (See Summey, David L.)

Suppiger, Gerhart S., C. Alexander, Belleville, Ill., and J. H. Schreiber, St. Louis, Md., assignors to Scientific Tablet Co., Belleville, Ill. Tablet depositing machine. 2,060,645; Nov. 10.

Sweeney, Ross J., Harrisburg, Pa. Internal combustion engine. 2,060,263; Nov. 10.

Sweet, Cecil H., assignor of one-half to W. C. Erwin, Brea, Calif. Releasing rope socket. 2,060,403; Nov. 10.
Swift and Company. (See McKee, H. H., and Henney, assignors.)
Swift, Freeman R., Mount Vernon, assignor to Standard Brands Incorporated, New York, N. Y. Souring material. 2,060,264; Nov. 10.
Tallmadge, Webster, & Company Inc. (See Serrell, John A., assignor.)
Tallmadge, Webster, & Company Inc. (See Thomas, Herbert G., assignor.)
Tauber, Joseph M., Chicago, Ill. Electric fan. 2,060,699; Nov. 10.
Taylor, Maurice H., Stoneham, assignor to Merrimac Chemical Company, Everett, Mass. Corrosion inhibitor. 2,060,138; Nov. 10.
Taylor-Wharton Iron & Steel Company. (See Welch, Arthur R., assignor.)
Ten, Clark A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Weather strip. 2,060,353; Nov. 10.
Teats, Roscoe, Denver, Colo., assignor to American Smelting and Refining Company, New York, N. Y. Recovering thallium. 2,060,453; Nov. 10.
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Huber, W., and Roosenstein, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Urtel, R., and Steimel, assignors.)
Teleregister Corporation, The. (See Hicks, Raymond M., assignor.)
Te Pas, Edmund J., Lakewood, assignor to The Cleveland Heater Company, Cleveland, Ohio. Liquid heater. 2,060,139; Nov. 10.
Te Pas, Edmund J., Rocky River, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Centrifugal laundry extractor. 2,060,454; Nov. 10.
Textile Machine Works. (See Janssen, Henry, assignor.)
Thabeld, Ferl A., assignor to The Guiberson Corporation, Dallas, Tex. Drill bit. 2,060,354; Nov. 10.
Thermo Brakes Corporation. (See Smith, George L., assignor.)
Thomas, Charles A., and W. H. Carmody, assignors, by mesne assignments, to Monsanto Petroleum Chemicals, Inc., Dayton, Ohio. Decolorization of resins. 2,060,404; Nov. 10.
Thomas, George H., Erie, Pa. Flexible coupling. 2,060,140; Nov. 10.
Thomas, Herbert G., Evanston, Ill., assignor to Webster Tallmadge & Company Inc., East Orange, N. J. Steam Heating system. 2,060,265; Nov. 10.
Thompson, Anders, Seattle, Wash. Body and fender finishing machine. 2,060,266; Nov. 10.
Thomsen, Thomas S., Kansas City, Mo. Tool for concrete formwork. 2,060,646; Nov. 10.
Thomson, Gilbert A., Coffeyville, Kans. Spectacles. 2,060,700; Nov. 10.
Thum, August. (See Schaurte, W. T., and Thum.)
Tiede, Walter W., Detroit, Mich. Tablet holder. 2,060,406; Nov. 10.
Timken Roller Bearing Company, The. (See Assel, Walter J., assignor.)
Timken Roller Bearing Company, The. (See Klamp, Paul, assignor.)
Timken Roller Bearing Company, The. (See Sanders, Walter C., assignor.)
Toronto Type Foundry Company. (See Huffman, Louis, assignor.)
Toth, Louis. (See Peremi, E., and Toth.)
Toussaint, Walter J., South Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Hydrogenation of ethylpropylacrolein. 2,060,267; Nov. 10.
Tropiano, Anthony, Greenwich, Conn. Interlocking building block facing. 2,060,701; Nov. 10.
Truscon Steel Company. (See Schulz, Walter F., assignor.)
Trusty, Aubrey W. (See Pierce, R. B., and Trusty.)
Tubize Chatillon Corporation. (See Barthélemy, Henri L., assignor.)
Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Calculating machine. 2,060,702; Nov. 10.
Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Calculating machine. 2,060,703; Nov. 10.
Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Calculating machine. 2,060,704; Nov. 10.
Tursky, Charles M., Turtle Creek, Pa. Tooth brush cabinet. 2,060,598; Nov. 10.
Twin Disc Clutch Company. (See Pearmain, William J., assignor.)
Twomley, Herbert E., Riverside, Calif. Drawing board. 2,060,355; Nov. 10.
Uebing, Heinrich, Lintore, Regierungsbezirk Duesseldorf, Germany. Screw down for rolling mills. 2,060,476; Nov. 10.
Uline, Migiel J., Washington, D. C. Ice can. 2,060,541; Nov. 10.
Ulrich, Frederick, assignor, by mesne assignments, to Conmar Products Corporation, New York, N. Y. Manufacture of elements for slide fasteners. 2,060,141; Nov. 10.
Umansky, Leonid A., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,060,647; Nov. 10.
Unger, Arthur M., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating transformer. 2,060,477; Nov. 10.
Union Carbide and Carbon Corporation. (See Chaney, N. K., and Dexter, assignors.)
Union Carbide and Carbon Corporation. (See Toussaint, Walter J., assignor.)
Union Oil Company of California. (See Merrill, David R., assignor.)
Union Oil Company of California. (See Neukom, Oliver W., assignor.)
Union Switch & Signal Company, The. (See Allen, Earl M., assignor.)
Union Switch & Signal Company, The. (See Bell, Charles W., assignor.)
Union Switch & Signal Company, The. (See Vanhorn, James J., assignor.)
United Shoe Machinery Corporation. (See Cavanaugh, James, assignor.)
United Shoe Machinery Corporation. (See Engel, Karl, assignor.)
United Shoe Machinery Corporation. (See Finn, Sidney J., assignor.)
United Shoe Machinery Corporation. (See Jorgensen, Bernhardt, assignor.)
United States Rubber Company. (See Gilson, Henry R., assignor.)
United States Rubber Company. (See Wikle, George F., assignor.)
Universal Oil Products Company. (See Egloff, Gustav, assignor.)
Universal Oil Products Company. (See Nelson, Edwin F., assignor.)
Urtel, Rudolf and K. Steimel, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Demodulation circuit. 2,060,142; Nov. 10.
Utah Radio Products Company. (See Ellmore, William A., assignor.)
Vaco Products, Inc. (See Velo, Anthony C., assignor.)
Valbuena, Luis M., New York, N. Y. Artificial tooth. 2,060,478; Nov. 10.
Van Cappellen, Johan H., Japara Rembang, Dutch East Indies. Control device for one or more machines. 2,060,433; Nov. 10.
Van de Griendt, Gerald H., and W. Engs, Berkeley, Calif. Production of alcohols. 2,060,143; Nov. 10.
Vanhorn, James J., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track switch controlling apparatus. 2,060,487; Nov. 10.
Vanhorn, James J., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track switch controlling apparatus. 2,060,488; Nov. 10.
Van Seggern, Ray F., New Brunswick, N. J. Heating unit for combustion chambers. 2,060,599; Nov. 10.
Van Seggern, Ray F., Maplewood, N. J. Heating device. 2,060,648; Nov. 10.
Vass, Joseph, Revere, assignor of one-fourth to J. Bear, Wakefield, and one-fourth to S. G. Sloane, Atlantic, Mass. Over-wind prevention device for spring motors. 2,060,268; Nov. 10.
Velo, Anthony C., Lancaster, Pa., assignor to Vaco Products, Inc. Fuel feed controller and gear shift position indicator for automobiles. 2,060,705; Nov. 10.
Vickers (Aviation) Limited. (See Wallis, Barnes N., assignor.)
Vinal, Charles A., South Weymouth, assignor to J. H. Emerson, Cambridge, Mass. Variable pressure therapeutic apparatus. 2,060,706; Nov. 10.
Vincent, Howell S., Brookline, Mass. Dishwasher. 2,060,144; Nov. 10.
Vincent, Howell S., Brookline, Mass. Apparatus for cooking. 2,060,434; Nov. 10.
Vincent, Howell S., Sutton, N. H. Device for the conservation and treatment of foods and beverages, and utensils therefor. 2,060,435; Nov. 10.
Vogel, William M., Bloomfield, N. J. Can closure and making the same. 2,060,145; Nov. 10.
Von Hofe, George W. (See Fleischer, P. W., and von Hofe.)
Voorhees, Vanderveer, Hammond, Ind. Filing cabinet. 2,060,146; Nov. 10.
Voss, Walter K., Davenport, Iowa. Wringer. 2,060,147; Nov. 10.
Voss, Walter K., Davenport, Iowa. Wringer. 2,060,148; Nov. 10.
Vulcan Corporation. (See Sosa, Augustus M., assignor.)
Wallace, Allen, Moorestown, N. J. Equalizer system. 2,060,750; Nov. 10.
Wallis, Barnes N., Weybridge, assignor to Vickers (Aviation) Limited, Weybridge, Surrey, England. Aircraft body structure. 2,060,387; Nov. 10.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Metal ferrule. 2,060,542; Nov. 10.
Walton, Albert, Jr., Springfield, assignor to Old Colony Envelope Company, Westfield, Mass. Envelope. 2,060,149; Nov. 10.
Ward, John. (See Carmichael, C. C., and Ward.)
Warner, Arthur L., Elgin, Ill., assignor to Illinois Iron & Bolt Company, Carpentersville, Ill. Device for opening mower pitman straps. 2,060,150; Nov. 10.
Warner, Wilbur W., Fort Wayne, Ind., assignor to General Electric Company. Refrigerant compressor. 2,060,649; Nov. 10.
Waterbury Clock Company. (See Putnam, James R., assignor.)

Wayman, Albert J., assignor of one-half to E. H. McClure, East Palestine, Ohio. Ground rod. 2,060,151; Nov. 10.
Wayne Iron Works. (See Wetzel, Charles H., assignor.)
Webster, Lewis E., Wilkes-Barre, Pa. Shovel or the like. 2,060,707; Nov. 10.
Wegener, Albert B., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door structure. 2,060,708; Nov. 10.
Weiss, Adolph, Brooklyn, N. Y. Doctor knife maintaining mechanism for printing presses. 2,060,600; Nov. 10.
Welch, Arthur R., Easton, Pa., assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J. Welded joint and making the same. 2,060,765; Nov. 10.
Wentworth, Theodore O., Cincinnati, Ohio. Bubble cap. 2,060,601; Nov 10.
Wertzheiser, Joseph, Newark, assignor to Hatfield Wire & Cable Co., Hillside, N. J. Electrical connection plug. 2,060,709; Nov. 10.
West, Francis, Jr., Chilmarks, Mass., assignor to Paul Zuckerman, New York, N. Y. Compass. 2,060,766; Nov. 10.
Western Cartridge Company. (See Olsen, F., and Seavey, assignors.)
Western Electric Company. (See Boe, Helmer J., assignor.)
Western Electric Company. (See Searle, A. M., Hunt, and Andrews, assignors.)
Western Union Telegraph Company, The. (See Boudreau, Anthony P. J., assignor.)
Western Union Telegraph Company, The. (See Howe, P. J. Hamlett, and Rudd, assignors.)
Western Union Telegraph Company. (See Myer, Percy L., assignor.)
Westinghouse Electric Elevator Company. (See Dunlop, James, assignor.)
Westinghouse Electric & Manufacturing Company. (See Arnold, Edwin E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Austin, Bascus O., assignor.)
Westinghouse Electric and Manufacturing Company. (See Blankenbuehler, J. H., and Hunkeler, assignors.)
Westinghouse Electric & Manufacturing Company. (See Dyer, Lloyd W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Exner, Donald W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Forsthoefel, Gregg F.)
Westinghouse Electric & Manufacturing Company. (See Gamel, Gayne D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hitchcock, Richard C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Knowles, Dewey D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kozanowski, Henry N., assignor.)
Westinghouse Electric & Manufacturing Company. (See Krause, Charles E., assignor.)
Westinghouse Electric and Manufacturing Company. (See Mouromtseff, I. E., and Rylsky, assignors.)
Westinghouse Electric & Manufacturing Company. (See Newhouse, Simeon E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Packer, Lewis C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Patterson, William M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rose, Herbert A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Sandin, Jerome, assignor.)
Westinghouse Electric & Manufacturing Company. (See Unger, Arthur M., assignor.)
Wetzel, Charles H., assignor to Wayne Iron Works, Wayne, Pa. Grandstand construction. 2,060,436; Nov. 10.
Whelpley, Lloy E., Beverly, assignor to Boston Machine Works Company, Lynn, Mass. Cementing machine. 2,060,152; Nov. 10.
Whipple, Charles E., Santa Paula, Calif. Fruit sorting apparatus and method. 2,060,153; Nov. 10.
White, Tom C., Billings, Mont. Detachable jack base. 2,060,543; Nov. 10.
Whitehead, William. (See Dreyfus, C., and Whitehead.)
Whitmore, Frank C., State College, Pa., and A. H. Homeyer, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Substituted amides of tertiary butyl acetic acid. 2,060,154; Nov. 10.
Whitney, Grenville. (See Southworth, E., and Whitney, assignors.)
Whittle, Benjamin B., deceased, Oklahoma City, Okla., L. F. Whittle, executrix of will of said B. B. Whittle. Valve. 2,060,388; Nov. 10.
Whittle, Lessie F., executrix. (See Whittle, Benjamin B.)
Widmeier, Charles J., Philadelphia, Pa. Dart board. 2,060,405; Nov. 10.
Wietzel, Gustav, Ludwigshafen-on-the-Rhine, and G. Schiller, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of unsaturated hydrocarbons. 2,060,356; Nov. 10.
Wiewel, Walter H. (See Ryley, Alfred G., assignor.)
Wigelsworth, Arthur E., Los Angeles, Calif. Method and apparatus for drying organic substances. 2,060,389; Nov. 10.
Wikle, George F., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Apparatus for winding fabric. 2,060,269; Nov. 10.
Wilcolator Company, The. (See Fonseca, Edward L., assignor.)
Wilhelm, Avery B., Miami, Fla., assignor to J. N. Ledbetter, 3d, New York, N. Y. Insulated container. 2,060,155; Nov. 10.
Willats, Henry B., and L. A. Alvarez, San Francisco, Calif. Jogger for a printing press. 2,060,270; Nov. 10.
Willi, Albert B., assignor to The Federal-Mogul Corporation, Detroit, Mich. Cylinder head. 2,060,407; Nov. 10.
Williams, Charles B., Shaker Heights, Ohio. Wringer. 2,060,710; Nov. 10.
Williams, John, Jersey City, N. J., assignor to H. L. Burkitt, New York, N. Y. Musical instrument. 2,060,357; Nov. 10.
Williams Oil-O-Matic Heating Corporation. (See Celander, P. A., and Hollatz, assignors.)
Williams, Ralph, Sidney, New South Wales, Australia. Method and apparatus for constructing pipe. 2,060,544; Nov. 10.
Willis, Clodius H., Princeton, N. J., and Burnice D. Bedford, Schenectady, N. Y., assignors to General Electric Company. Electric power converting apparatus. 2,060,650; Nov. 10.
Wilmanns, Gustav. (See Schneider, W., and Wilmanns.)
Wine, William E., Toledo, Ohio. Railway hopper car. 2,060,156; Nov. 10.
Wine, William E., Toledo, Ohio. Railway car. 2,060,157; Nov. 10.
Winthrop Chemical Company. (See Bockmühl, M., Simons, and Dörzbach, assignors.)
Wirt Company. (See Podolsky, Leon, assignor.)
Wittner, Michael, New York, N. Y. Dispensing device. 2,060,455; Nov. 10.
Wolf, Ellwood W. (See Corbin, E. A., Jr., and Wolf.)
Wolff, Rudolph R. (See Goldschmidt, S., and Wolff.)
Wollaeger, Erich C. (See Ferris, W., and Wollaeger.)
Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Apparatus for cooling printing plates. 2,060,358; Nov. 10.
Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web splicing device. 2,060,359; Nov. 10.
Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web roll support. 2,060,360; Nov. 10.
Wood Newspaper Machinery Corporation. (See Wood, Henry A. W., assignor.)
Wood, Samuel, Geneva, N. Y. Apparatus for the treatment of various flour products. 2,060,408; Nov. 10.
Woodman, George A., Chicago, Ill. Journal box lid. 2,060,602; Nov. 10.
Woodworth, Charles B., Port Dickinson, N. Y. Lifting jack. 2,060,780; Nov. 10.
Worth Company, The. (See Butterworth, Samuel D., assignor.)
Worth Company, The. (See Chalmers, Raymond W., assignors.)
Worth Company, The. (See Evans, Edward S., assignor.)
Worth, Myrtle E., executrix. (See Brisbois, Odilon.)
Worth, W. P. (See Brisbois, Odilon, assignor.)
Worthington Pump and Machinery Corporation. (See Smith, William A., Jr., assignor.)
Wright, Howard J., St. Albans, Vt. Hat hanger. 2,060,711; Nov. 10.
Wright, Judson W., Detroit, Mich. Temperature controlled switch. 2,060,712; Nov. 10.
Wright, Judson W., and E. H. Glinz, Detroit, Mich. Thermostatic switch. 2,060,713; Nov. 10.
Yager, George F., and O. J. Heath, assignors to The Bunting Brass and Bronze Company, Toledo, Ohio. Metal working machine. 2,060,158; Nov. 10.
Yager, George F., and O. J. Heath, assignors to The Bunting Brass and Bronze Company, Toledo, Ohio. Chamfering machine. 2,060,159; Nov. 10.
Yale & Towne Mfg. Co., The. (See Lach, Joseph F., assignor.)
Yama, Ototaro N., Gardena, Calif. Brick. 2,060,361; Nov. 10.
Young, Otis W., Winchendon, Mass. Steam locomotive engine. 2,060,479; Nov. 10.
Youngstown Steel Door Company, The. (See Beauchamp, Wilfred A., assignor.)
Youngstown Steel Door Company, The. (See Wegener, Albert B., assignor.)
Zimbalist, William H., Brooklyn, N. Y. Combined soaping, scrubbing, and spraying device. 2,060,271; Nov. 10.
Zoeller, William, Brooklyn, N. Y. Peel removing and grating machine. 2,060,272; Nov. 10.
Zuckerman, Paul. (See West, Francis, Jr., assignor.)
Zurcher, Ernest, Schenectady, N. Y., assignor to General Electric Company. Control means for refrigeration systems. 2,060,774; Nov. 10.
Zurcher, John T., Tripp, S. Dak. Dustproof luggage carrier for automobiles. 2,060,362; Nov. 10.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 10TH DAY OF NOVEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Bookkeeping machine. A Smith. 20,167; Nov. 10.
Fuse. A. G. Steinmayer. 20,168; Nov. 10.
Handle, Iron. A. S. Knapp. 20,165; Nov. 10.
Keying. J. L. Finch. 20,163; Nov 10.
Refrigerating machine. A. A. Kucher. 20,166; Nov 10.
Shaving instrument. W. G. Viall and H. A. Rankow. 20,169; Nov. 10.
Socket, Molded. A. M. Draving. 20,162; Nov. 10.
Sterilizer, Water. R. L. Jewell 20,164; Nov 10.

LIST OF DESIGN INVENTIONS

Atomizer. F. A. Vuillemenot. 101,902–3; Nov. 10.
Axle and plate, Vehicle. G. W. Geromanos. 101,866; Nov. 10.
Badge. M. Weldon and I. C. Hagman. 101,908; Nov. 10.
Bait, Artificial. H. R. Weaver. 101,906; Nov. 10.
Biplane, Tandem motored. R. C. Wilson and O. A. Swanson. 101,928; Nov. 10.
Booth, Communication. B. S. Reynolds. 101,887; Nov. 10.
Bottle. W. R. Leach. 101,919; Nov. 10.
Bottle or similar container. L. A. Leppke. 101,879; Nov. 10.
Bowl or similar article, Glass sugar. W. von Nessen. 101,900; Nov. 10.
Box, Jewelry. J. R. Dean. 101,854; Nov. 10.
Brassière or similar article. G. A. Kaufman. 101,875; Nov. 10.
Carton, Egg. S. L. Seltzer. 101,892; Nov. 10.
Case, Atomizer. F. A. Vuillemenot. 101,901; Nov. 10.
Case, Atomizer. F. A. Vuillemenot. 101,904; Nov. 10.
Casing, Beverage dispenser. O. M. Eash. 101,859; Nov. 10.
Casing for a perforating apparatus. E. G. Rix. 101,889; Nov. 10.
Casing for a suction cleaner or similar article. H. Dreyfuss. 101,858; Nov. 10.
Casing for an automobile-body heater or similar article. E. C. Booth. 101,849; Nov. 10.
Casing, Vacuum cleaner cover. D. H. Dow and F. H. Burmeister. 101,855; Nov. 10.
Caster. W. F. Herold. 101,871; Nov. 10.
Chair. G. Stoddard. 101,895; Nov. 10.
Chopper or similar article, Electric food. H. M. A. Strauss. 101,896; Nov. 10.
Cleaner, Vacuum. D. M. Dow and F. H. Burmeister. 101,856; Nov. 10.
Cleaner, Vacuum. L. H. Latta. 101,877; Nov. 10.
Clock, Radio light. M. M. Thompson, Sr. 101,925; Nov. 10.
Coat. L. Schneider. 101,891; Nov. 10.
Coat. H. Zuckerman. 101,911–15; Nov. 10.
Container or the like, Liquid dispensing. G. J. Lalinsky. 101,876; Nov. 10.
Corsage handkerchief and perfume container, Combination. C. J. Romer. 101,923; Nov. 10.
Cup. B. D. Fuerst. 101,865; Nov. 10.
Desk or similar article. J. R. Bate. 101,848; Nov. 10.
Desk unit, Fountain pen holder. D. Williams. 101,910; Nov. 10.
Dish, Combination food-serving. B. F. Taylor. 101,898; Nov. 10.
Dish or similar article. H. O. Ebeling. 101,861; Nov. 10.
Dress, Ensemble. S. I. Brandt. 101,851; Nov. 10.
Dress ensemble. W. G. Stelman. 101,894; Nov. 10.
Earth moving device. E. W. Austin. 101,846; Nov. 10.
Fabric or similar article, Textile. J. Heim. 101,869–70; Nov. 10.
Fabric or similar article, Textile. J. Heim. 101,918; Nov. 10.
Fan casing assembly, Vacuum cleaner. D. M. Dow and F. H. Burmeister. 101,857; Nov. 10.
Footrest, Foot exercising. J. Fehn and B. Schmidt. 101,862; Nov. 10.
Foot stool. H. J. McKane. 101,881; Nov. 10.
Glove. E. Webster. 101,927; Nov. 10.
Handbag. F. N. Lewis. 101,880; Nov. 10.
Handbag. F. N. Lewis. 101,920; Nov. 10.
Handbag, Lady's. H. Felmann. 101,863–4; Nov. 10.
Handbag or the like. W. F. Bowen. 101,850; Nov. 10.
Handle, Fishing rod. F. L. Baker. 101,847; Nov. 10.
Holder and ash receiver, Combined toilet paper. J. R. Smith, Sr. 101,924; Nov. 10.
Jar, Cream. F. McLaughlin. 101,878; Nov. 10.
Lamp. A. Gobstein. 101,868; Nov. 10.
Lighting fixture, Ceiling. G. B. Hurlbut. 101,872; Nov. 10.
Lighting fixture for typewriters. E. L. Brown. 101,916; Nov. 10.
Marker for public highways, Road. V. Pellicone. 101,885; Nov. 10.
Mashing apparatus or similar article. H. K. White, G. A. Stephen, and L. Ehrenfeld. 101,909; Nov. 10.
Net, Embroidered. A. Walter. 101,905; Nov. 10.
Plate. J. L. Pasmantier. 101,883–4; Nov. 10.
Plate, Radio dial escutcheon. W. E. Salyards, Jr. 101,890; Nov. 10.
Rack, Tie. M. H. Jeffries. 101,874; Nov. 10.
Shoe. W. Ebling. 101,845; Nov. 10.
Shoe. D. Gilbert. 101,867; Nov. 10.
Shoe. A. Hurzeler. 101,873; Nov. 10.
Shoe. S. Weisman. 101,907; Nov. 10.
Shoe or similar article. R. R. Bunting. 101,852–3; Nov. 10.
Shoe or similar article. A. Perugia. 101,886; Nov. 10.
Shoe or similar article. S. Troy. 101,899; Nov. 10.
Siding, Building. R. S. Maclean. 101,921; Nov. 10.
Signal, Automotive wigwag stop. W. E. Signor. 101,893; Nov. 10.
Soap, Cake of. S. Ringold. 101,888; Nov. 10.
Spoon or similar article, Serving. H. O. Ebeling. 101,860; Nov. 10.
Sweeper, Carpet. A. Fineberg. 101,917; Nov. 10.
Tablecloth or similar article. F. J. Tausend. 101,897; Nov. 10.
Urn. F. Palladino. 101,922; Nov. 10.
Utensil, Smoker's. R. C. Muzzo. 101,882; Nov. 10.
Vehicle, Dumping. E. L. Tranaas. 101,926; Nov. 10.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 10TH DAY OF NOVEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Accounting machine. K. Gelpke. 2,060,101; Nov. 10.
Acid and preparing same, New cellulose glycollic. D. C. Ellsworth. 2,060,056; Nov. 10.
Acid anhydrides, Production of. S. Goldschmidt and R. R. Wolff. 2,060,195; Nov. 10.
Acid esters of aliphatic alcohols and the products, Making sulphuric. H. Siebenbürger. 2,060,254; Nov. 10.
Acid, Preparing angelic. H. P. Kaufmann. 2,060,623; Nov. 10.
Acoustic testing apparatus. W. F. Alder. 2,060,009; Nov. 10.
Adjustable seat support. W. S. Saunders. 2,060,247; Nov. 10.
Agents for the textile industry, Assisting. C. Graenacher and R. Sallmann. 2,060,568; Nov. 10.
Agitator, Electrically heated. J. C. Meek. 2,060,378; Nov. 10.
Agricultural implement. W. E., J. S., and E. J. Pryor. 2,060,688; Nov. 10.
Air-circulatory system for dry kilns. C. Phillips and G. M. Harris. 2,060,111; Nov. 10.
Air conditioning system. L. M. Persons. 2,060,636; Nov. 10.
Air cooler. E. C. Ballman. 2,060,482; Nov. 10.
Aircraft. H. S. Hickson. 2,060,077; Nov. 10.
Aircraft body structure. B. N. Wallis. 2,060,387; Nov. 10.
Airship. W. N. Noble. 2,060,469; Nov. 10.
Alarm system, Electric temperature and burglar. R. M. Hopkins and H. M. Laford. 2,060,215; Nov. 10.
Albuminous solutions which do not form flakes. M. Bockmühl, E. Simons, and E. Dörzbach. 2,060,021; Nov. 10.
Alcohols, Production of. G. H. Van de Griendt and W. Enes. 2,060,143; Nov. 10.
Alkali-metal salts of antimonio-thio-malic acid. M. Delépine and P. Gailliot. 2,060,181; Nov. 10.
Alkyl chloro-resorcinols. W. E. Austin. 2,060,654; Nov. 10.
Alloy, Lead. W. Singleton, W. Hulme, and B. Jones. 2,060,534; Nov. 10.
Alloy, Rolling magnesium. R. D. Lowery and F. L. Reynolds. 2,060,071; Nov. 10.
Alternating current motor. A. S. Norcross. 2,060,106; Nov. 10.
Amides of tertiary butyl acetic acid. Substituted. F. C. Whitmore and A. H. Homeyer. 2,060,154; Nov. 10.
Animal catcher. J. A. Dunlap. 2,060,366; Nov. 10.
Animals, Device for frightening. H. P. Altmann. 2,060,161; Nov. 10.
Arc discharge lamp. J. L. Cox. 2,060,043; Nov. 10.
Arc lamp. E. C. Richardson. 2,060,347; Nov. 10.
Arm rest and protector device, Combined. B. Cohen. 2,060,725; Nov. 10.
Arrester of extremely high discharge capacity. C. E. Krause. 2,060,509; Nov. 10.
Article and process for multiplying records. W. D. Foster. 2,060,190; Nov. 10.
Article of food—sandwich. A. Borbély. 2,060,490; Nov. 10.
Atomizer. C. C. Daggett. 2,060,285; Nov. 10.
Attachment for beating apparatus. A. H. Senner. 2,060,348; Nov. 10.
Attachment for sadiron handles. M. Laskin. 2,060,225; Nov. 10.
Automatic beverage valve. A. W. Glenk. 2,060,567; Nov. 10.
Automobile accessory. A. C. Fischer. 2,060,062; Nov. 10.
Automobile control mechanism. R. Harroun. 2,060,731; Nov. 10.
Automobile lifting mechanism. L. C. Perkins. 2,060,344; Nov. 10.
Automobile transmission. F. W. Kennedy. 2,060,220; Nov. 10.
Awl and marker, Combination sewing. J. Severus. 2,060,349; Nov. 10.
Awning. C. B. Leffert. 2,060,582; Nov. 10.
Azo-dyestuffs. G. Bonhôte. 2,060,163; Nov. 10.
Azodyestuffs containing chromium and preparing them. E. Fischer. 2,060,563; Nov. 10.
Back for a seat, Cushioned. I., A., and H. Singer. 2,060,449; Nov. 10.
Bacon-straightening device. L. De Moss. 2,060,559; Nov. 10.
Bag: *See*—
Infant's sleeping bag.
Bag emptying attachment, Dustless. E. G. Bender. 2,060,776; Nov. 10.
Bag filling machine. A. Andreas. 2,060,011; Nov. 10.
Bags, Making handled shopping. H. K. Steen. 2,060,451; Nov. 10.
Bar: *See*—
Binding and dividing bar
Barbecue apparatus. M. J. Ebberts. 2,060,004; Nov. 10.
Barn, Tobacco. E. L. Briskley. 2,060,002; Nov. 10.
Batteries, Apparatus for controlling the charge of storage. H. Mitchell. 2,060,743; Nov. 10.
Battery boxes, Manufacture of. W. F. Ray. 2,060,120; Nov. 10.
Beam action stringer. A. C. Horner. 2,060,080; Nov. 10.
Bearing. G. W. Allen. 2,060,651; Nov. 10.
Bearings and making the same, Bonded metal. M. G. Chandler. 2,060,034; Nov. 10.
Beater rod locking device. L. C. Packer. 2,060,523; Nov. 10.
Bed couch, Folding. B. Lieberman. 2,060,737; Nov. 10.
Bed springs, Supporting. C. O. Kirchner. 2,060,675; Nov. 10.
Bicycle, Motor. G. S. Lewis. 2,060,583; Nov. 10.
Binding and dividing bar. S. C. Awbrey. 2,060,274; Nov. 10.
Bit: *See*—
Drill bit. Expansible bit.
Block: *See*—
Pulley block.
Block facing. Interlocking building. A. Tropiano. 2,060,701; Nov. 10.
Block for block and tackle. J. F. Gillespie. 2,060,730; Nov. 10.
Block gate ram, Floating. W. D. Shaffer and F. J. Schweitzer. 2,060,252; Nov. 10.
Board: *See*—
Dart board. Drawing board.
Board, collar support and envelope for laundered shirts, Combination shirt. J. Cohen. 2,060,497; Nov. 10.
Board for vertical presses, Transfer. W. F. Matthews. 2,060,331; Nov. 10.
Body and fender finishing machine. A. Thompson. 2,060,266; Nov. 10.
Bolster supporting mechanism. M. B. Hall. 2,060,370; Nov. 10.
Bookkeeping and invoicing machine. E. Breitling. 2,060,167; Nov. 10.
Bookmark. L. Kenedy. 2,060,624; Nov. 10.
Bottle filling method and apparatus. C. W. Bondurant. 2,060,276; Nov. 10.
Bottle provided with combined drinking and measuring vessel. M. Samuel. 2,060,125; Nov. 10.
Box: *See*—
Dice box.
Box and filler, Combination egg. W. B. Russell and M. H. Sidebotham. 2,060,442; Nov. 10.
Brace: *See*—
Scoliosis corrective brace.
Bracket: *See*—
Track bracket.
Bracket construction. H. F. Keil. 2,060,760; Nov. 10.
Brake: *See*—
Fluid pressure brake.
Brake mechanism. G. L. Smith. 2,060,429; Nov. 10.
Bread wrapping machine. W. Hoppe. 2,060,501; Nov. 10.
Breast pump device. P. A. Frinand. 2,060,063; Nov. 10.
Brick. O. N. Yama Moto. 2,060,361; Nov. 10.
Brick. S. C. Porter. 2,060,746; Nov. 10.
Bucket, Egg gathering. W. M. Mitchell. 2,060,468; Nov. 10.
Building construction. N. Davidson. 2,060,045; Nov. 10.
Built-in arch support. O. Castagnola. 2,060,391; Nov. 10.
Bumper and spring drawbar, Combined spring. G. E. Edmunds and J. L. Cawthon, Jr. 2,060,050; Nov. 10.
Burner: *See*—
Oil burner.
Burner and drum for blue flame oil stoves. R. Hoffman. 2,060,317; Nov. 10.
Button and buttonhole attachment, Garment. J. W. Steele. 2,060,643; Nov. 10.
Cabinet construction. G. F. Forsthoefel. 2,060,756; Nov. 10.
Cabinet, Filing. V. Voorhees. 2,060,146; Nov. 10.
Cabinet for towels and the like, Heating, drying and sterilizing. W. L. Gill and V. C. Kincaid. 2,060,065; Nov. 10.
Cabinet, Tooth brush. C. M. Tursky. 2,060,598; Nov. 10.
Cable and apparatus for manufacturing it, Electric. H. J. Boe. 2,060,162; Nov. 10.
Cable, Electric. P. H. Chase and J. R. Falconer. 2,060,036; Nov. 10.
Calculating machine. E. Racz. 2,060,119; Nov. 10.

Calculating machine. J. A. V. Turck. 2,060,702–4; Nov. 10.
Camera and exposure meter, Combination of. A. Lingg and S. Gellus. 2,060,089; Nov. 10.
Camera, Colored motion picture. T. A. and R. T. Killman. 2,060,505; Nov. 10.
Can: *See*—
Ice can. Vacuum can.
Can closure and making the same. W. M. Vogel. 2,060,145; Nov. 10.
Cap and nipple, Baby bottle. A. Herstein. 2,060,212; Nov. 10.
Cap and wheel lock, Hub. A. Hersch. 2,060,416; Nov. 10.
Cap, Bubble. T. O. Wentworth. 2,060,601; Nov. 10.
Cap, Captive receptacle. C. M. Jones. 2,060,622; Nov. 10.
Cap, Oil bottle silencer. F. J. Hitchcock and G. G. Perkins. 2,060,372; Nov. 10.
Car loading device. S. D. Butterworth. 2,060,027; Nov. 10.
Car loading device. R. W. Chalmers. 2,060,032–3; Nov. 10.
Car loading device. E. S. Evans. 2,060,059; Nov. 10.
Car mover. C. E. Peterson. 2,060,526; Nov. 10.
Car, Railway. W. E. Wine. 2,060,157; Nov. 10.
Car, Railway hopper. W. E. Wine. 2,060,156; Nov. 10.
Carbon paper rejuvenator. C. J. Roniger. 2,060,693; Nov. 10.
Carbonaceous materials, Working-up of. K. Schoenemann. 2,060,447; Nov. 10.
Carbonylic compounds, Production. C. T. Kautter. 2,060,086; Nov. 10.
Carburetor. H. L. Johnson. 2,060,217; Nov. 10.
Carburetor. W. C. Rayfield. 2,060,747; Nov. 10.
Carburetor. J. A. Speed. 2,060,538; Nov. 10.
Card printing device, Automatic show. L. A. Stinson. 2,060,749; Nov. 10.
Card shuffler, Playing. H. E. McCoy. 2,060,096; Nov. 10.
Card table. T. L. Green. 2,060,302; Nov. 10.
Carrier for automobiles, Dustproof luggage. J. T. Zurchier. 2,060,362; Nov. 10.
Carton or box. G. Pergande. 2,060,240; Nov. 10.
Carton, Shipping and utility. T. Riley. 2,060,763; Nov. 10.
Cast refractory and manufacturing the same. R. C. Benner. 2,060,017; Nov. 10.
Catch, Safety. E. Morehouse. 2,060,833; Nov. 10.
Cellulose and derivatives thereof, Treating. J. K. Hunt and G. H. Latham. 2,060,733; Nov. 10.
Cellulose filaments, Treatment of. T. McConnell. 2,060,515; Nov. 10.
Cellulose from lignocellulosic materials, Manufacture of. W. H. Groombridge and E. V. Mellers. 2,060,068; Nov. 10.
Cementing machine. L. E. Whelpley. 2,060,152; Nov. 10.
Centrifugal laundry extractor. E. J. Te Pas. 2,060,454; Nov. 10.
Centrifuge construction. A. Peltzer. 2,060,239; Nov. 10.
Chainfering machine. G. F. Yager and O. J. Heath. 2,060,159; Nov. 10.
Chromite refractories, Making. G. E. Sell. 2,060,697; Nov. 10.
Chuck for paper drills. H. S. Hill and A. C. Peterson. 2,060,313; Nov. 10.
Circuit breaker. G. E. Jansson. 2,060,758; Nov. 10.
Circuit breaker. J. Sandin. 2,060,472; Nov. 10.
Circuit breaker reclosing mechanism, Automatic. G. D. Gamel. 2,060,494; Nov. 10.
Circuit breaker with compressed gas blow-out, Electric. A. Clerc. 2,060,282; Nov. 10.
Circuit, Demodulation. R. Urtel and K. Steimel. 2,060,142; Nov. 10.
Circuit, Telephone signal. C. G. Miller. 2,060,585; Nov. 10.
Circuit, Ultra high frequency oscillation. C. W. Hansell. 2,060,770; Nov. 10.
Circular saw clamp. J. S. Hughes. 2,060,319; Nov. 10.
Clamp: *See*—
Circular saw clamp.
Cleaner: *See*—
Oil cleaner. Vacuum cleaner.
Cleaning, Apparatus for and method of. L. G. Nilson. 2,060,238; Nov. 10.
Clincher roofing clip. H. Maddux. 2,060,739; Nov. 10.
Clip: *See*—
Clincher roofing clip.
Clock provided with a transparent dial and an invisible mechanism. C. H. H. Rodanet. 2,060,531; Nov. 10.
Cloth cutting machine. M. Greenbaum. 2,060,197; Nov. 10.
Clothesline clamp lock. J. McCormich. 2,060,628; Nov. 10.
Clutch: *See*—
Mechanical clutch. Power transmission clutch.
One-way clutch.
Clutch. E. R. Fausset. 2,060,562; Nov. 10.
Clutch. W. J. Pearmain. 2,060,379; Nov. 10.
Clutch. W. J. Pearmain. 2,060,773; Nov. 10.
Clutch and hydraulic control means therefor, Power transmission. H. M. Rockwell. 2,060,691; Nov. 10.
Clutch mechanism. E. J. Carleton. 2,060,175; Nov. 10.
Clutch-operating mechanism, Hydraulic. W. Ferris and E. C. Wollaeger. 2,060,293; Nov. 10.
Coating composition and its preparation. M. O. Schur. 2,060,129; Nov. 10.
Cocoa beans, Treating. A. Laessig. 2,060,581; Nov. 10.
Collapsible container. C. C. Carmichael and J. Ward. 2,060,030; Nov. 10.
Combination space heater. M. E. Hood. 2,060,079; Nov. 10.
Combination tool. H. Helgason. 2,060,415; Nov. 10.
Combustion control. H. J. Keeley. 2,060,323; Nov. 10.
Comminuting machine. R. Scheynost. 2,060,126; Nov. 10.
Commutator structure. E. E. Arnold. 2,060,480; Nov. 10.
Compass. F. West, Jr. 2,060,766; Nov. 10.
Composition of matter containing vegetable mucinous extract from plants. H. B. Near, A. J. Pacini, R. W. Crosley, M. M. Gerth, F. T. Breidigam, and J. D. Kelly. 2,060,336; Nov. 10.
Concrete mixer. E. E. Long. 2,060,090; Nov. 10.
Concrete pumping apparatus, Multiple unit. C. F. Ball. 2,060,409; Nov. 10.
Condensation evaporator. R. J. McCarty, Jr. 2,060,399; Nov. 10.
Condensation products of phenols and triisobutylene. W. F. Hester. 2,060,573; Nov. 10.
Condenser: *See*—
Electrolytic condenser.
Conditioning apparatus. S. H. Downs. 2,060,289; Nov. 10.
Connecter: *See*—
Electrical connecter.
Connecter. L. H. Hill. 2,060,757; Nov. 10.
Connecting device for the starting of motors, Self-acting. P. Cibié. 2,060,279; Nov. 10.
Connection, Trailer draft. G. R. Coin. 2,060,066; Nov. 10.
Container: *See*—
Insect poison container. Sheet metal container.
Insulated container.
Container. C. F. Davis. 2,060,754; Nov. 10.
Container covers, Apparatus for use with. A. B. Cunard. 2,060,726; Nov. 10.
Containers with paper hoops, Forming. S. Smith. 2,060,642; Nov. 10.
Control device for one or more machines. J. M. van Cappelles. 2,060,433; Nov. 10.
Control for electric scoreboards. M. H. Spicer. 2,060,431; Nov. 10.
Control means for refrigeration systems. E. Zurcher. 2,060,774; Nov. 10.
Control system. H. Heymann. 2,060,672; Nov. 10.
Control system. L. A. Umansky. 2,060,647; Nov. 10.
Control system, Remote. G. A. Moffett. 2,060,772; Nov. 10.
Conveyer system. C. S. Jennings. 2,060,759; Nov. 10.
Conveyer system. H. R. Perry and C. S. Jennings. 2,060,744; Nov. 10.
Cooking, Apparatus for. H. S. Vincent. 2,060,434; Nov. 10.
Cooler: *See*—
Air cooler.
Cooling device. R. W. Glaser and E. J. and A. Olson. 2,060,496; Nov. 10.
Cooling device for liquids. F. J. T. Barnes. 2,060,014; Nov. 10.
Cooling unit for refrigerating systems. E. R. Hopkins and N. Baraban. 2,060,732; Nov. 10.
Copper refining apparatus. R. P. Heuer. 2,060,074; Nov. 10.
Copper refining method. R. P. Heuer. 2,060,073; Nov. 10.
Copy holder. J. Carpenter. 2,060,660; Nov. 10.
Core box vent plug. C. R. Siler. 2,060,350; Nov. 10.
Corrosion inhibitor. W. V. Gilbert. 2,060,192; Nov. 10.
Corrosion inhibitor. M. H. Taylor. 2,060,138; Nov. 10.
Coupling: *See*—
Flexible coupling. Scaffolding coupling.
Rod coupling.
Cover: *See*—
Tire cover.
Cover and draft control for chimneys, Combination. W. H. Malone and J. M. Eyre. 2,060,231; Nov. 10.
Cover for electric switches, Protective. A. P. Ball. 2,060,603; Nov. 10.
Cowl, Ventilating. E. D. Lenke. 2,060,398; Nov. 10.
Crankshaft rotating tool. D. S. Stouffer. 2,060,262; Nov. 10.
Crate, Bottle. W. W. Birnstock. 2,060,019; Nov. 10.
Cravat holder. J. L. Cobb. 2,060,040; Nov. 10.
Cream separator. W. Lindroos. 2,060,738; Nov. 10.
Crimping machine. O. Ganio. 2,060,368; Nov. 10.
Curler, Hair. T. I. Moseley. 2,060,102; Nov. 10.
Current conversion system, Electric. H. A. Rose. 2,060,471; Nov. 10.
Cushion, Adjustable seat back. F. L. Galley. 2,060,298; Nov. 10.
Cylinder head. A. B. Willi. 2,060,407; Nov. 10.
Dart board. C. J. Widmeier. 2,060,405; Nov. 10.
Deep well pump. R. S. Fillmore. 2,060,493; Nov. 10.
Dental instrument. L. G. Coble. 2,060,555; Nov. 10.
Detector: *See*—
Rail-flaw detector.
Detonator, Colorific radiation. J. H. Hammond, Jr. 2,060,203; Nov. 10.
Detonator controlled by intensity change, Photoelectric. J. H. Hammond, Jr. 2,060,199; Nov. 10.
Detonator, Cosmic ray. J. H. Hammond, Jr. 2,060,208; Nov. 10.

Detonator, Echo torpedo. J. H. Hammond, Jr. 2,060,198; Nov. 10.
Detonator operated by direct illumination, Photoelectric. J. H. Hammond, Jr. 2,060,207; Nov. 10.
Detonator operated by reflection, Photoelectric. J. H. Hammond, Jr. 2,060,200; Nov. 10.
Detonator using two photoelectric cells, Photoelectric. J. H. Hammond, Jr. 2,060,201; Nov. 10.
Device for facilitating the reading of a slide rule. W. C. Powell. 2,060,528; Nov. 10.
Dice box. S. Gessler. 2,060,463; Nov. 10.
Die: *See*—
Drawing die.
Die casting machine. F. Lannert. 2,060,224; Nov. 10.
Direction signal. J. C. Smith. 2,060,401; Nov. 10.
Discharge controlling means for discharge lamps. C. H. Braselton. 2,060,552; Nov. 10.
Discharge device, Electric. V. J. Francis and J. W. Ryde. 2,060,564; Nov. 10.
Discharge device, Electric. D. D. Knowles. 2,060,506; Nov. 10.
Dishwasher. H. S. Vincent. 2,060,144; Nov. 10.
Disk differential gear. D. Sensaud de Lavaud. 2,060,558; Nov. 10.
Dispenser: *See*—
Tube products dispenser.
Dispensing device. M. Wittner. 2,060,455; Nov. 10.
Dispersions, Preparation of. W. W. Heckert. 2,060,210; Nov. 10.
Display device. J. O'Shea, F. N. Ross, and E. M. Crosby. 2,060,341; Nov. 10.
Door construction. M. B. Butler, Jr., and C. B. Conwell. 2,060,608; Nov. 10.
Door structure, Car. A. B. Wegener. 2,060,708; Nov. 10.
Dough kneading and cutting machine. E. L. Muehl. 2,060,236; Nov. 10.
Drafting, Device for. N. Niemic. 2,060,086; Nov. 10.
Drawing board. H. E. Twombley. 2,060,355; Nov. 10.
Drawing die. C. C. Richard. 2,060,690; Nov. 10.
Drill bit. F. A. Thabeld. 2,060,354; Nov. 10.
Dumper, Car. R. W. Kaltenbach. 2,060,218; Nov. 10.
Dust remover for pickers. H. W. Knowlton. 2,060,507; Nov. 10.
Dust separator and heat exchange apparatus. H. H. Bubar. 2,060,169; Nov. 10.
Dyes and their production, Metalliferous hydroxyazo. H. Schladebach and H. Häble. 2,060,381; Nov. 10.
Dyes, Trimethine-cyanine. W. Schneider. 2,060,382; Nov. 10.
Ear protector. S. M. Burleigh. 2,060,553; Nov. 10.
Educational test checking device. S. R. Harding. 2,060,308; Nov. 10.
Egg separator. J. K. Mohr. 2,060,683; Nov. 10.
Electric discharge device. P. Lenz. 2,060,678; Nov. 10.
Electric fan. J. M. Tauber. 2,060,699; Nov. 10.
Electric furnace. D. L. Summey. 2,060,136; Nov. 10.
Electric heater. P. A. Clapp. 2,060,039; Nov. 10.
Electric ignition plug. H. J. Linse. 2,060,680; Nov. 10.
Electric immersion heater. T. Stiebel. 2,060,644; Nov. 10.
Electric lamp. E. Brody and T. Millner. 2,060,657; Nov. 10.
Electric light. O. T. McIlvaine. 2,060,584; Nov. 10.
Electric switch. B. O. Austin. 2,060,481; Nov. 10.
Electrical apparatus. L. W. Dyer. 2,060,492; Nov. 10.
Electrical connecter. C. E. Gilbert. 2,060,617; Nov. 10.
Electrical connecter. L. R. Landers. 2,060,761; Nov. 10.
Electrical connecter. L. Pollock. 2,060,115; Nov. 10.
Electrical connection plug. J. Wertzbeiser. 2,060,709; Nov. 10.
Electrical resistance and method of manufacture. A. H. Heyroth. 2,060,393; Nov. 10.
Electrical resistance device. W. J. Hiscock. 2,060,417; Nov. 10.
Electrical step-up device. L. W. Gensburg. 2,060,299; Nov. 10.
Electrical terminal. A. E. Rittenhouse. 2,060,426; Nov. 10.
Electrode holder, Electric arc welding. C. A. Bowlus. 2,060,606; Nov. 10.
Electrode structure for electric discharge lamps. J. L. Cox. 2,060,610; Nov. 10.
Electrode, Welding. V. Miller and J. H. Humberstone. 2,060,681–2; Nov. 10.
Electrolytic condenser. J. B. Brennan. 2,060,022; Nov. 10.
Electroplating. A. F. Reilly. 2,060,530; Nov. 10.
Electrostatic cleaning device. N. R. Bernz. 2,060,018; Nov. 10.
Elements for slide fasteners, Manufacture of. F. Ulrich. 2,060,141; Nov. 10.
Elevator. J. Cochin. 2,060,753; Nov. 10.
Elevator car control. H. R. Cullmer. 2,060,283; Nov. 10.
Embossing. Method of and apparatus for. S. Kauffman and G. C. Doss. 2,060,577; Nov. 10.
Engine: *See*—
Internal combustion engine. Terminal combustion engine.
Steam locomotive engine.
Engine temperature control, Marine. F. O. Fernstrum. 2,060,187; Nov. 10.
Envelope. A. Walton, Jr. 2,060,149; Nov. 10.
Equalizer system. A. Wallace. 2,060,750; Nov. 10.
Ethylpropylacrolein. Hydrogenation of. W. J. Toussaint. 2,060,267; Nov. 10.
Evaporator for refrigerating machines. D. F. Newman. 2,060,633; Nov. 10.
Evaporator, Refrigerator. L. W. Atchison. 2,060,653; Nov. 10.
Evaporator, Sheet metal. D. P. Heath. 2,060,072; Nov. 10.
Exhaust means for rotors. R. A. Norling. 2,060,107; Nov. 10.
Expansible bit. J. C. Stokes. 2,060,352; Nov. 10.
Extension for ironing machine rolls. J. Mikulasek. 2,060,234; Nov. 10.
Extractor: *See*—
Centrifugal laundry extractor.
Eye protector. W. B. Schofield. 2,060,127; Nov. 10.
Fabric: *See*—
Knitted fabric.
Fabric. S. Cohn. 2,060,664; Nov. 10.
Fabric, Apparatus for winding. G. F. Wikle. 2,060,269; Nov. 10.
Fabric articles, Making coated. R. C. Pallicki. 2,060,342; Nov. 10.
Fabric treating process. S. Cohn. 2,060,661; Nov. 10.
Fabrics containing organic derivatives of cellulose, Treatment of. H. Platt. 2,060,113; Nov. 10.
Fabrics, Production of knitted. W. H. Boaler. 2,060,020; Nov. 10.
Fabrics, Weaving pile. F. M. Kaufman. 2,060,502; Nov. 10.
Fabrics, Weaving warp pile. G. A. Morgan. 2,060,103; Nov. 10.
Facsimile system. N. G. H. Finch. 2,060,778; Nov. 10.
Fan switch. M. E. Henning. 2,060,671; Nov. 10.
Fastener for closures. C. N. Curtis. 2,060,284; Nov. 10.
Fastener for fastening hook lines to trot lines. A. Galbraith. 2,060,007; Nov. 10.
Ferrule, Metal. C. T. Walter. 2,060,542; Nov. 10.
Fertilizers, Production of. E. W. Harvey. 2,060,310; Nov. 10.
Filament manufacture and the like, Artificial. H. Dreyfus. 2,060,048; Nov. 10.
Filaments, Preparing artificial. C. Dreyfus and W. Whitehead. 2,060,047; Nov. 10.
Filler. H. Grümmer. 2,060,304; Nov. 10.
Film, Apparatus for intermittently advancing strip. G. G. Moreno. 2,060,334; Nov. 10.
Fish cooking method. P. D. V. Manning, D. D. Peebles, and A. H. Potbury. 2,060,232; Nov. 10.
Fishing harness. W. F. Baxter. 2,060,751; Nov. 10.
Fishing leader. J. Heidrich. 2,060,499; Nov. 10.
Flexible coupling. M. T. Schumb. 2,060,473; Nov. 10.
Flexible coupling. G. H. Thomas. 2,060,140; Nov. 10.
Floor protection for railway cars. C. D. Bonsall. 2,060,164; Nov. 10.
Floor supporting means. V. Di Giacomo. 2,060,046; Nov. 10.
Flour products, Apparatus for the treatment of various. S. Wood. 2,060,408; Nov. 10.
Flow control means. L. W. Eggleston. 2,060,185; Nov. 10.
Fluid, Heating of. E. F. Nelson. 2,060,338; Nov. 10.
Fluid, Hydraulic pressure. B. Paxton. 2,060,110; Nov. 10.
Fluid pressure brake. C. A. Campbell. 2,060,028; Nov. 10.
Fluid treating mechanism and method. W. S. Bowen. 2,060,166; Nov. 10.
Flywheel. H. D. Geyer. 2,060,565; Nov. 10.
Focusing adjustment for cameras by means of the finder. P. Deutzenberg. 2,060,613; Nov. 10.
Folding table. C. Flagstad. 2,060,367; Nov. 10.
Food products. A. Lepper. 2,060,679; Nov. 10.
Foods and beverages and utensils therefor, Device for the conservation and treatment of. H. S. Vincent. 2,060,435; Nov. 10.
Foodstuffs, Treating. D. L. Loetscher. 2,060,736; Nov. 10.
Form for making concrete castings. H. Russell. 2,060,246; Nov. 10.
Form, Garment drying and shaping. U. D. and E. G. Irwin. 2,060,395; Nov. 10.
Fountain draft arm, Soda. L. R. Brantly. 2,060,551; Nov. 10.
Frame: *See*—
Pool ball frame.
Frame welder. E. R. Fausset. 2,060,561; Nov. 10.
Fruit sorting apparatus and method. C. E. Whipple. 2,060,153; Nov. 10.
Fuel control means for airship engines. J. H. Smith. 2,060,536; Nov. 10.
Fuel feed controller and gear shift position indicator for automobiles. A. C. Velo. 2,060,705; Nov. 10.
Fuel pump. C. F. High. 2,060,076; Nov. 10.
Furnace: *See*—
Electric furnace. Incinerating furnace.
Furnace. A. N. Otis. 2,060,634; Nov. 10.
Furs, Reenforcing of. J. A. Kleine. 2,060,397; Nov. 10.
Fuse. G. R. Goodwin and C. A. Farrar. 2,060,464; Nov. 10.
Fuse switch. C. L. Matthews and T. Birkenmaier. 2,060,514; Nov. 10.
Garment holder. M. Cohen. 2,060,459; Nov. 10.
Gasholder of the waterless type. W. Pechstein. 2,060,591; Nov. 10.

Gases contained in nitrous fumes, Desiccation of. G. L. des Ylouses. 2,060,183; Nov. 10.
Gasket for internal combustion engines. A. F. Gobb. 2,060,498; Nov. 10.
Gate ram, Floating block. F. J. Schweitzer. 2,060,248; Nov. 10.
Gear: *See*—
Disk differential gear.
Gearing, Draft and buffer. G. E. Edmunds. 2,060,052–4; Nov. 10.
Generator: *See*—
Magneto generator. Oscillation generator.
Generator. C. C. Roe. 2,060,244; Nov. 10.
Glass, Apparatus for feeding molten. E. C. Stewart. 2,060,475; Nov. 10.
Glass, Method of and apparatus for shaping. C. A. Brown and C. E. Hahn. 2,060,658; Nov. 10.
Globe with measuring instrument. R. Haardt. 2,060,777; Nov. 10.
Gloves, Coating fabric work. R. C. Palicki. 2,060,343; Nov. 10.
Governor for internal combustion engines, Automatic timing. E. La Chappel. 2,060,580; Nov. 10.
Grab, Hoist. J. Breslav. 2,060,722; Nov. 10.
Grandstand construction. C. H. Wetzel. 2,060,436; Nov. 10.
Graphite, Processing. K. C. De Walt. 2,060,663; Nov. 10.
Grinder, Screw thread. N. J. Crowey. 2,060,044; Nov. 10.
Grinding machine. S. J. Harley. 2,060,438; Nov. 10.
Ground rod. A. J. Wayman. 2,060,151; Nov. 10.
Guard, Dandelion bed knife. G. M. Schrader and R. J. H. Dannenberg. 2,060,696; Nov. 10.
Guard, Highway. W. F. Schulz. 2,060,128; Nov. 10.
Guard, Strip metal highway. H. J. Hick. 2,060,673; Nov. 10.
Guide, Window glass. D. C. Bailey. 2,060,656; Nov. 10.
Gum and making same, Bubble chewing. R. P. Dyckman. 2,060,461; Nov. 10.
Handbag frames, Assembling. W. C. Hiering. 2,060,394; Nov. 10.
Handkerchief simulation, Pocket. L. Gilgenbach. 2,060,729; Nov. 10.
Hanger: *See*—
Hat hanger.
Harrow evener. W. F. Frese. 2,060,668; Nov. 10.
Hat hanger. H. J. Wright. 2,060,711; Nov. 10.
Heat distributor. L. F. Chase. 2,060,364; Nov. 10.
Heat exchange apparatus. C. F. Rosenblad. 2,060,440; Nov. 10.
Heat exchanger. J. C. Hobbs. 2,060,078; Nov. 10.
Heat exchanger or cooler. A. R. Hemphill. 2,060,211; Nov. 10.
Heat recovery system. A. J. Ebner. 2,060,290; Nov. 10.
Heat treating method. H. H. McKee and G. R. Henney. 2,060,422; Nov. 10.
Heater: *See*—
Combination space heater. Liquid heater.
Electric heater. Water heater.
Electric immersion heater.
Heater-range, Combination. J. E. Leonard. 2,060,627; Nov. 10.
Heating device. R. F. Van Seggers. 2,060,648; Nov. 10.
Heating device, Electric. A. W. Muller. 2,060,237; Nov. 10.
Heating system, Wind controlled. J. A. Serrell. 2,060,251; Nov. 10.
Heating unit for combustion chambers. R. F. Van Seggern. 2,060,599; Nov. 10.
Heel and method of attaching. J. Cavanagh. 2,060,031; Nov. 10.
Hinge: *See*—
Spectacle hinge.
Hitch, Gravity compensating. W. H. Goodman. 2,060,196; Nov. 10.
Holder: *See*—
Copy holder. Light and flower holder.
Cravat holder. Nipple and bottle holder.
Electrode holder. Tablet holder.
Garment holder.
Hood clamping device. C. Butler. 2,060,026; Nov. 10.
Hose support. E. G. Adams. 2,060,390; Nov. 10.
Housing, Combined fender and lamp. P. Peterson. 2,060,527; Nov. 10.
Humidifying apparatus. E. Southworth. 2,060,257; Nov. 10.
Humidifying apparatus. E. Southworth and G. Whitney. 2,060,258; Nov. 10.
Hydrocarbons, Production of unsaturated. G. Wietzel and G. Schiller. 2,060,356; Nov. 10.
Hydrogenation products of the follicle hormones, Production of. F. Hildebrandt and E. Schwenk. 2,060,312; Nov. 10.
Ice can. M. J. Uline. 2,060,541; Nov. 10.
Ignition apparatus. C. H. Davis, Jr. 2,060,556; Nov. 10.
Incinerating furnace. J. E. Greenawalt. 2,060,067; Nov. 10.
Incubation, Method of. E. T. Brace. 2,060,411; Nov. 10.
Indicating device. W. G. Smith. 2,060,537; Nov. 10.
Infant's sleeping bag. M. M. Lucas. 2,060,092; Nov. 10.
Insect poison container. J. B. Rosefield. 2,060,245; Nov. 10.
Insulated container. A. B. Wilhelm. 2,060,155; Nov. 10.
Insulating joint for cables. A. D. Pettee. 2,060,745; Nov. 10.
Intaglio printing plates, Making. C. P. Shaw. 2,060,640; Nov. 10.
Interlocking system for railroads. C. S. Bushnell and W. T. Powell. 2,060,413; Nov. 10.
Internal combustion engine. F. A. King. 2,060,221; Nov. 10.
Internal combustion engine. R. J. Sweeney. 2,060,263; Nov. 10.
Interpolating system. W. A. Knoop. 2,060,222; Nov. 10.
Jack: *See*—
Lifting jack.
Jack base, Detachable. T. C. White. 2,060,543; Nov. 10.
Jewelry. C. H. Phillips. 2,060,345; Nov. 10.
Jogger for a printing press. H. B. Willats and L. A. Alvarez. 2,060,270; Nov. 10.
Joint and making the same, Welded. A. R. Welch. 2,060,765; Nov. 10.
Joint for concrete pavements, Longitudinal. B. H. Lampert. 2,060,326; Nov. 10.
Knife maintaining mechanism for printing presses, Doctor. A. Weiss. 2,060,600; Nov. 10.
Knitted fabric, Run resisting. H. Fleisher. 2,060,462; Nov. 10.
Label. H. E. Meinhold. 2,060,762; Nov. 10.
Label applying machine. H. R. Gilson. 2,060,193; Nov. 10.
Lacquer, Beer. A. Heck. 2,060,572; Nov. 10.
Lamp: *See*—
Arc discharge lamp. Sanctuary candle lamp.
Arc lamp. Signal lamp.
Electric lamp.
Lead powder, Making. L. S. Ishimura. 2,060,375; Nov. 10.
Leaden articles, Manufacture of. W. Singleton, W. Hulme, and B. Jones. 2,060,533; Nov. 10.
Leather-like material. H. P. Shopneck. 2,060,253; Nov. 10.
Letter scale. J. C. Fryer. 2,060,064; Nov. 10.
Lid, Journal box. G. A. Woodman. 2,060,602; Nov. 10.
Lifting jack. C. B. Woodworth. 2,060,780; Nov. 10.
Light: *See*—
Electric light.
Light and flower holder, Combined. N. P. and W. A. Fletcher. 2,060,005; Nov. 10.
Light relay. R. C. Hitchcock. 2,060,500; Nov. 10.
Lineman's indicator for football games. S. E. Borleske. 2,060,165; Nov. 10.
Liquid dispensing device. H. L. Magill. 2,060,512; Nov. 10.
Liquid heater. E. J. Te Pas. 2,060,139; Nov. 10.
Liquids, Apparatus for de-aerating. G. N. Pulley. 2,060,242; Nov. 10.
Lock: *See*—
Cap and wheel lock. Clothesline clamp lock.
Lock and making the same. J. F. Lach. 2,060,626; Nov. 10.
Locking and releasing assembly, Combined. E. R. Knight. 2,060,734; Nov. 10.
Locking device. C. H. Nehls. 2,060,337; Nov. 10.
Lounge, Studio. U. B. McMurtry. 2,060,742; Nov. 10.
Lubricating apparatus. F. S. Barks, A. P. Fox, and W. Z. Linders. 2,060,456; Nov. 10.
Lubricating apparatus. A. P. Fox. 2,060,297; Nov. 10.
Lubricating system. P. A. Celander and A. C. Hollatz. 2,060,752; Nov. 10.
Machine for applying adhesive. P. W. Fleischer and G. W. von Hofe. 2,060,616; Nov. 10.
Machine for applying piping and the like to leather goods. J. J. Donovan. 2,060,288; Nov. 10.
Machine for blowing bulbs. C. A. Brown and C. E. Hahn. 2,060,650; Nov. 10.
Machine for grinding valves of the mushroom or poppet type. O. Klein. 2,060,396; Nov. 10.
Machine for making handled shopping bags. H. K. Steen. 2,060,450; Nov. 10.
Machine for manufacturing stationery. W. L. Harriman. 2,060,309; Nov. 10.
Machine for measuring gears and helical leads. E. W. Miller. 2,060,518; Nov. 10.
Machine for operating on shoe uppers. B. Jorgensen. 2,060,085; Nov. 10.
Machine for producing hexagonal mesh wire fabric. C. W. Holmquist. 2,060,418; Nov. 10.
Magnesium, Apparatus for producing substantially pure. F. Hanegirg. 2,060,070; Nov. 10.
Magneto generator. W. J. Spengler. 2,060,259–60; Nov. 10.
Mangle. H. W. Albright. 2,060,273; Nov. 10.
Manifolding unit. L. Huffman. 2,060,318; Nov. 10.
Marker, Shirt. B. Holtz. 2,060,373; Nov. 10.
Material, Coated base. R. T. Johnston. 2,060,083; Nov. 10.
Material, Coated wood. R. T. Johnston. 2,060,084; Nov. 10.
Mattress. O. M. Burton. 2,060,172; Nov. 10.
Measure meter. C. A. Mathey and P. F. Lewis. 2,060,233; Nov. 10.
Measuring device for containers. H. Stargardt. 2,060,386; Nov. 10.
Meat, Treatment of frozen. H. H. McKee and W. McDonald. 2,060,423; Nov. 10.
Mechanical clutch. H. B. Scott. 2,060,249; Nov. 10.
Mechanism for the control of feed to cotton extractors. C. E. Hagler. 2,060,305; Nov. 10.
Metal articles, Making rolled hollow. C. G. Steele and W. H. Stevens. 2,060,779; Nov. 10.

Metal element and making the same. W. T. Schaurte and A. Thum. 2,060,593; Nov. 10.
Metal, Method of and apparatus for treating sheet. H. W. Nieman. 2,060,400; Nov. 10.
Metal wool body and making same. G. W. Brooks. 2,060,010; Nov. 10.
Metal working. S. S. Burgey. 2,060,024; Nov. 10.
Metal working machine. G. F. Yager and O. J. Heath. 2,060,158; Nov. 10.
Metals, Apparatus for refining. D. L. Summey. 2,060,134; Nov. 10.
Metals, Refining. L. W. Bahney. 2,060,137; Nov. 10.
Metals, Refining. G. H. Clamer. 2,060,177; Nov. 10.
Metals, Treating. D. L. Summey. 2,060,133; Nov. 10.
Metallurgical apparatus. D. L. Summey. 2,060,135; Nov. 10.
Meter: *See*—
Camera and exposure meter. Measure meter.
Meter testing. B. D. Horton. 2,060,419; Nov. 10.
Mill: *See*—
Tube mill.
Mill for rolling articles of circular section and irregular profile. P. Klamp. 2,060,087; Nov. 10.
Mining conveyer. W. A. Logan. 2,060,227; Nov. 10.
Mining machine. F. A. Lindgren. 2,060,226; Nov. 10.
Mixer: *See*—
Concrete mixer.
Mixing device. E. M. Davis. 2,060,557; Nov. 10.
Mold and the characters cast thereby, Type casting. E. H. Denby. 2,060,662; Nov. 10.
Molding apparatus. J. D. Shriber. 2,060,474; Nov. 10.
Molding machine, Centrifugal. R. Richardson and W. S. Bateman, Jr. 2,060,121; Nov. 10.
Moldings, Finishing garnish. C. P. Shaw. 2,060,641; Nov. 10.
Monohalides, Treatment of vinyl type. H. P. A. Groll and G. Hearne. 2,060,303; Nov. 10.
Mop. W. H. Jayne. 2,060,621; Nov. 10.
Mop or duster, Polishing. H. H. Baker. 2,060,012; Nov. 10.
Motor: *See*—
Alternating motor.
Motor control, Electric. S. J. Harley. 2,060,437; Nov. 10.
Motor cooling means. E. H. Baker. 2,060,363; Nov. 10.
Motor for lubricant pumps, Pneumatic. E. W. Davis. 2,060,180; Nov. 10.
Motors, Over-wind prevention device for spring. J. Vass. 2,060,268; Nov. 10.
Mounting for rimless eyeglasses, Ophthalmic. W. E. McDonnell. 2,060,421; Nov. 10.
Mounting, Loudspeaker. W. A. Ellmore. 2,060,666; Nov. 10.
Mounting, Ophthalmic. L. C. Martin. 2,060,094; Nov. 10.
Mounting, Swivel chair. W. F. Herold. 2,060,075; Nov. 10.
Mower pitman straps, Device for opening. A. L. Warner. 2,060,150; Nov. 10.
Mowing apparatus. J. S. Clapper. 2,060,280; Nov. 10.
Muffler. H. S. Powell. 2,060,116; Nov. 10.
Mushrooms, Growing. E. B. Lambert and H. Humfeld. 2,060,223; Nov. 10.
Musical instrument. J. Williams. 2,060,357; Nov. 10.
Nipple and bottle holder. F. Gissubel. 2,060,194; Nov. 10.
Nitro-phenyl-arylene-thiazyl-disulphides and manufacturing the same. W. Scott. 2,060,428; Nov. 10.
Nitrosoguanidine as a priming ingredient. F. Olsen and F. R. Seavey. 2,060,522; Nov. 10.
Nozzle for suction cleaners, Suction sweeper. W. Leathers. 2,060,510; Nov. 10.
Nutrient solution to plants, Applying. W. C. Krueger. 2,060,735; Nov. 10.
Oil and fat treatment and product. R. C. Newton and D. P. Grettie. 2,060,587; Nov. 10.
Oil and preparing same, Miscible. O. W. Neukom. 2,060,425; Nov. 10.
Oil burner. W. W. McIntyre. 2,060,516; Nov. 10.
Oil cleaner. J. B. Jarmin. 2,060,320; Nov. 10.
Oils, Process and apparatus for dewaxing. D. R. Merrill. 2,060,517; Nov. 10.
Oils, Treating hydrocarbon. R. B. Pierce and A. W. Trusty. 2,060,112; Nov. 10.
Oils, Treatment of hydrocarbon. G. Egloff. 2,060,291; Nov. 10.
One-way clutch. W. A. Jex. 2,060,376; Nov. 10.
Operating device for direction indicating appliances. R. Sarber. 2,060,695; Nov. 10.
Organic substances, Method and apparatus for drying. A. E. Wigelsworth. 2,060,389; Nov. 10.
Oscillation generator. W. van B. Roberts. 2,060,592; Nov. 10.
Oscillator, Short wave. H. N. Kozanowski. 2,060,508; Nov. 10.
Oxalate coating on nonferrous metal. L. P. Curtis. 2,060,365; Nov. 10.
Package. F. A. Marx. 2,060,518; Nov. 10.
Packing for the shafts of high-pressure steam turbines. G. Huhn. 2,060,374; Nov. 10.
Packing, Piston valve. H. E. Muchnic. 2,060,335; Nov. 10.
Packing ring sizing machine. W. Davies. 2,060,179; Nov. 10.
Pad filling apparatus. T. L. McJoynt. 2,060,629; Nov. 10.
Peel removing and grating machine. W. Zoeller. 2,060,272; Nov. 10.
Petroleum emulsions, Breaking. E. E. Claytor. 2,060,281; Nov. 10.
Phenolic condensation products and producing same. G. Barsky. 2,060,457; Nov. 10.
Phenols from aqueous liquors, Recovery of. F. Lüttge. 2,060,230; Nov. 10.
Phonograph. B. A. Proctor. 2,060,117; Nov. 10.
Photographic developer. W. Schneider and G. Wilmanns. 2,060,594–6; Nov. 10.
Photographic emulsions containing 7-alkyl-thioso and pseudo-cyanines. L. G. S. Brooker. 2,060,023; Nov. 10.
Photosensitive tube. W. M. Patterson. 2,060,524; Nov. 10.
Pick-up and feeding device. F. H. Dellaree. 2,060,182; Nov. 10.
Picture apparatus, Natural colored motion. T. A. and R. T. Killman. 2,060,503; Nov. 10.
Picture copying and projecting, Motion. E. Gretener. 2,060,669; Nov. 10.
Picture with directional effect, Talking. J. H. Hammond, Jr. 2,060,204; Nov. 10.
Pillowcase turner and doffer. H. D. Learnard and H. R. Mathewson. 2,060,511; Nov. 10.
Pipe and casing spinning apparatus. W. W. Foster. 2,060,189; Nov. 10.
Pipe handling apparatus. S. B. Hitchens. 2,060,214; Nov. 10.
Pipe, Method and apparatus for constructing. R. Williams. 2,060,544; Nov. 10.
Piston. G. E. Evans. 2,060,292; Nov. 10.
Plaster, Acoustical or insulating. T. P. Finefrock and W. F. O'Neil. 2,060,295; Nov. 10.
Plastic, Tile and concrete binding. J. Labra. 2,060,677; Nov. 10.
Plow, Snow. C. W. Bates. 2,060,717; Nov. 10.
Plow, Two-way tractor. O. E. Rarick. 2,060,439; Nov. 10.
Plug: *See*—
Core box vent plug. Electrical connection plug
Electric ignition plug. Spark plug.
Pneumatic inner tube. G. Andrews. 2,060,714; Nov. 10.
Point for gold pens and forming the same. A. Jedele. 2,060,081; Nov. 10.
Pool ball frame. B. Giragosian. 2,060,495; Nov. 10.
Pose-reflecting apparatus. L. G. Simjian. 2,060,351; Nov. 10.
Positives and negatives without the use of photography or photographic apparatus, Production of. E. P. Mullan. 2,060,105; Nov. 10.
Power apparatus, Hydraulic. L. F. Moody. 2,060,101; Nov. 10.
Power converting apparatus, Electric. C. H. Willis and B. D. Bedford. 2,060,650; Nov. 10.
Power distribution system. E. R. Evans. 2,060,667; Nov. 10.
Power generating and transmitting system. C. W. Dake. 2,060,612; Nov. 10.
Power transmission clutch. H. M. Rockwell. 2,060,692; Nov. 10.
Power transmission mechanism. G. W. Johnson. 2,060,322; Nov. 10.
Pressure relief valve, Automatic. P. F. Gaffey. 2,060,006; Nov. 10.
Pressure therapeutic apparatus, Variable. C. A. Vinal. 2,060,706; Nov. 10.
Printing machine for impenetrable surfaces. F. and Q. H. Shurley. 2,060,385; Nov. 10.
Printing plates, Apparatus for cooling. H. A. W. Wood. 2,060,358; Nov. 10.
Printing plates to presses, Attaching. F. R. Johnson and C. F. Pfanze. 2,060,082; Nov. 10.
Program selector for radio receivers, Automatic. E. W. Allen, Jr. 2,060,546; Nov. 10.
Program-starting system. D. W. Exner. 2,060,755; Nov. 10.
Projectile. R. W. Hippen and L. T. Barnes. 2,060,213; Nov. 10.
Projector with intermittent burning lamp and natural draft lamp cooling, Illuminated-image. C. Ellis, Jr. 2,060,560; Nov. 10.
Protector: *See*—
Ear protector. Eye protector.
Pulley block. T. R. Campbell. 2,060,174; Nov. 10.
Pulp separating system. L. T. Murphy. 2,060,685; Nov. 10.
Pump: *See*—
Deep well pump. Fuel pump.
Pump. L. M. Decker. 2,060,003; Nov. 10.
Pump for aircraft engines, Fuel. F. W. Heckert. 2,060,209; Nov. 10.
Pyro-resins, Making. N. K. Chaney and W. B. Dexter. 2,060,035; Nov. 10.
Rack: *See*—
Towel rack. Wine dispensing rack.
Rail-flaw detector. A. E. F. Billstein. 2,060,458; Nov. 10.
Rail joint bars, Reforming worn. G. Langford. 2,060,328; Nov. 10.
Rayon, Spinning. E. R. McKee and A. S. Hunter. 2,060,097; Nov. 10.
Razor. W. T. Parkin. 2,060,687; Nov. 10.
Razor, Magazine. O. V. Rodrigues and L. Kuhnl. 2,060,243; Nov. 10.

Razor, Safety. E. E. Johnson, Jr. 2,060,321; Nov. 10.
Razor, Safety. J. Muros. 2,060,520; Nov. 10.
Razor, Safety. A. G. Ryley. 2,060,445; Nov. 10.
Razor with sliding actuator plate. W. T. Parkin. 2,060,635; Nov. 10.
Receiving system. M. G. Crosby. 2,060,611; Nov. 10.
Receptacle. G. M. Poppe. 2,060,470; Nov. 10.
Recording device. R. D. Sparks. 2,060,132; Nov. 10.
Reflector. J. R. Ogden, Jr. 2,060,588; Nov. 10.
Reflector for heat radiators. A. M. Lane. 2,060,088; Nov. 10.
Refrigerant compressor. W. W. Warner. 2,060,649; Nov. 10.
Refrigerant control. H. Goldberg. 2,060,300; Nov. 10.
Refrigerating system. A. F. Hoesel. 2,060,316; Nov. 10.
Refrigeration. J. Fleischer. 2,060,728; Nov. 10.
Refrigeration. C. A. Otto. 2,060,589; Nov. 10.
Refrigeration for meat grinders or like devices. E. Biancalana. 2,060,605; Nov. 10.
Refrigerator. H. Rufener and T. Eichmann. 2,060,694; Nov. 10.
Registering system. R. M. Hicks. 2,060,674; Nov. 10.
Regulating system for pressure-fired steam boilers and the like, Automatic. C. Seippel. 2,060,535; Nov. 10.
Relay. D. D. Miller. 2,060,235; Nov. 10.
Resins and artificial masses by condensation of dicyandiamide with formaldehyde, Manufacture of artificial. K. Ripper. 2,060,122; Nov. 10.
Resins, Decolorization of. C. A. Thomas and W. H. Carmody. 2,060,404; Nov 10.
Resins, Synthetic. J. A. Arvin. 2,060,715–6; Nov. 10.
Resins, Synthetic. G. Balle. 2,060,410; Nov. 10.
Resinous compositions. W. Durant and P. H. Scrutchfield. 2,060,665; Nov. 10.
Rod: *See*—
  Ground rod.
Rod coupling. D. T. Bolling. 2,060,548; Nov. 10.
Rod for arc welding, Welding. A. M. Ross. 2,060,441; Nov. 10.
Rod line support. J. L. Foster. 2,060,188; Nov. 10.
Roof. L. L. Markel. 2,060,093; Nov. 10.
Rosette, Decorative. J. Engelmeier. 2,060,058; Nov. 10.
Rubber goods and producing the same, Marked. W. L. Kauffman. 2,060,576; Nov. 10.
Ruling and lining guide for typewriters. E. E. Landis. 2,060,327; Nov. 10.
Sanctuary candle lamp. E. J. Knapp. 2,060,324; Nov. 10.
Sanitation system for a metallic building structure. T. V. Balch. 2,060,655; Nov. 10.
Sausage manufacture. H. E. Allen. 2,060,160; Nov. 10.
Saw, Chain. G. Arseneau. 2,060,547; Nov. 10.
Scaffolding coupling. J. Burton. 2,060,171; Nov. 10.
Scoliosis corrective brace. K. W. Buschenfeldt. 2,060,173; Nov. 10.
Scraper. E. T. Gove. 2,060,369; Nov. 10.
Screw down for rolling mills. H. Uebing. 2,060,476; Nov 10.
Screw feed, Nonjam. B. D. Greenlaw. 2,060,569; Nov. 10.
Seat: *See*—
  Spring cushion seat.
Selective and calling device for automatic telephone apparatus. C. J. Hilgers. 2,060,371; Nov. 10.
Selector for control clocks. B. E. Shaw. 2,060,639; Nov. 10.
Self-hardening compositions and products obtainable thereby, Preparing. C. Kränzlein and R. K. Müller. 2,060,625; Nov. 10.
Separator: *See*—
  Cream separator. Egg separator.
Sericin from silk, Removing. W. T. Reddish. 2,060,529; Nov. 10.
Sewing machines. Strip-guide for. W. Myers. 2,060,631; Nov. 10.
Sheet material and making the same, Utility and decorative. E. A. Corbin, Jr., and E. W. Wolf. 2,060,041; Nov. 10.
Sheet metal container. J. H. Kjellstrom. 2,060,504; Nov. 10.
Shingle. H. H. Honigbaum. 2,060,618; Nov. 10.
Ship's model hull, Putting together a. F. W. Megow. 2,060,424; Nov 10.
Shock absorber. W. A. Chryst. 2,060,554; Nov. 10.
Shock absorber. E. F. Rossman. 2,060,532; Nov. 10.
Shock absorber, Hydraulic. M. Fieldman. 2,060,294; Nov. 10.
Shock absorbing means. J. E. Padgett. 2,060,590; Nov. 10.
Shoe polishing machine, Automatic. H. T. Shearer. 2,060,384; Nov. 10.
Shoes, Method of and means for use in the manufacture of. K. Engel. 2,060,057; Nov. 10.
Shoetree. L. M. Rosenthal. 2,060,123; Nov. 10.
Shovel or the like. L. E. Webster. 2,060,707; Nov. 10.
Shower bath attachment. B. S. Michelson. 2,060,100; Nov. 10.
Shut-off for filling spouts, Automatic. W. A. Hansen. 2,060,570; Nov. 10.
Sign for automobile bumpers, Reflector. T. P. Eichelsdoerfer. 2,060,055; Nov. 10.
Signal: *See*—
  Direction signal.
Signal device for motor vehicles. J. Bamberger. 2,060,483; Nov 10
Signal for automobiles, Marginal warning. H. H. Kempf. 2,060,771; Nov. 10.
Signal lamp. K. M. Reid and H. J. Chanon. 2,060,637; Nov. 10.
Signal relay system. A. P. J. Boudreau. 2,060.549; Nov. 10.
Signaling system. F. K. Low. 2,060,229; Nov. 10.
Signaling system, Two-way. L. G. Abraham. 2,060,008; Nov. 10.
Silk, Artificial. H. L. Barthélemy. 2,060,016; Nov. 10.
Silk, Dyeing of acetate artificial. F. Felix, M. Bommer, and W. Huber. 2,060,186; Nov. 10.
Silver and iodine from silver iodide, Obtaining free. J. R. Spies. 2,060,539; Nov. 10.
Silver halide emulsions, Sensitized. W. Schneider. 2,060,383; Nov. 10.
Siphon device. H. Squires. 2,060,432; Nov. 10.
Skate, Roller. D. Kees. 2,060,578; Nov. 10.
Slicing machine. T. W. Creech. 2,060,460; Nov. 10.
Slicing machine attachment. C. L. Straeten. 2,060,540; Nov. 10.
Sludge, Treatment of blackstrap. J. L. Oberseider and P. L. Robison. 2,060,108; Nov. 10.
Soap. A. J. Lorenz. 2,060,228; Nov. 10.
Soaping, scrubbing, and spraying device, Combined. W. H. Zimbalist. 2,060.271; Nov. 10.
Socket, Releasing rope. C. H. Sweet. 2,060,403; Nov. 10.
Sole laying machine. S. J. Finn. 2,060,061; Nov. 10.
Sound absorbing structure. T. M. Prudden. 2,060,241; Nov. 10.
Sound, Device for emitting or receiving. N. W. McLachlan. 2,060,098; Nov. 10.
Sound record and producing the same. F. J. Dofsen. 2,060,287; Nov. 10.
Souring material. F. R. Swift. 2,060,264; Nov. 10.
Spark plug. M. O'Marra. 2,060,340; Nov. 10.
Spark plug and making the same. A. A. Kasarjian. 2,060,219; Nov. 10.
Spectacle hinge. A. Diodati. 2,060,727; Nov. 10.
Spectacles. G. A. Thomson. 2,060,700; Nov. 10.
Speed composite system, High. P. J. Howe, R. T. Hamlett, and M. A. Rudd. 2,060,574; Nov. 10.
Speed-indicator and revolution-counter, Electrical. W. G. Bird. 2,060,721; Nov. 10.
Splint. N. H. Attwood, R. F. Munch, W. O. Lickert, and T. A. Baughman. 2,060,001; Nov. 10.
Spray coating machine. A. M. Sosa. 2,060,131; Nov. 10.
Spreader, Sand. C. A. Arnold. 2,060,652; Nov. 10.
Spring adjusting means, Roller. P. H. Kuyper. 2,060,676; Nov. 10.
Spring cushion seat. D. A. Greene. 2,060,465; Nov. 10.
Spring draft and buffer means. G. E. Edmunds. 2,060,051; Nov. 10.
Spring drawbar and spring bumper, Combination. G. E. Edmunds. 2,060,049; Nov. 10.
Stairway, Moving. J. Dunlop. 2,060,491; Nov. 10.
Starter mechanism. O. Brisbois. 2,060,769; Nov. 10.
Steam cut-off control means, Locomotive. E. E. Chapman and H. H. Lenning. 2,060,278; Nov. 10.
Steam heating system. H. G. Thomas. 2,060,265; Nov. 10.
Steam locomotive engine. O. W. Young. 2,060,479; Nov. 10.
Steamer, Service station. H. L. Schlosser. 2,060,638; Nov. 10.
Stem straightener, Grief. R. C. Baker. 2,060,013; Nov. 10.
Still, Tube. W. T. Hancock. 2,060,306; Nov. 10.
Stock quotation system. H. H. Abbott. 2,060,545; Nov. 10.
Stoker construction. W. T. Hanna. 2,060,307; Nov. 10.
Stool, Milking. C. A. McNeff. 2,060,099; Nov. 10.
Stove, Cooking. O. Normand. 2,060,339; Nov. 10.
Strainer, Milk. A. W. Franzmeier. 2,060,392; Nov. 10.
Strip, Dividing. H. L. Fink. 2,060,060; Nov. 10.
Suit, Bathing. D. Read. 2,060,689; Nov. 10.
Sulphur from petroleum, Converting and removing. A. L. Lyman. 2,060,091; Nov. 10.
Sulphur, Making colloidal. T. Hashimoto. 2,060,311; Nov. 10.
Support: *See*—
  Adjustable seat support. Rod line support.
  Built-in arch support. Web roll support.
  Hose support.
Support for engines, Resilient. L. M. Bartlett. 2,060,604; Nov. 10.
Support for toilet bowl, Sanitary. P. J. Sperzel. 2,060,698; Nov. 10.
Surgical implement. W. B. Carroll. 2,060,724; Nov. 10.
Switch: *See*—
  Electric switch. Thermostatic switch.
  Fan switch. Toy railway track switch.
  Fuse switch. Vehicle rear and spotlight switch.
  Temperature controlled switch.
Switch. W. W. Carpenter. 2,060,176; Nov. 10.
Switch controlling apparatus, Railway track. E. M. Allen. 2,060,486; Nov. 10.
Switch controlling apparatus, Railway track. C. W. Bell. 2,060,485; Nov. 10.
Switch controlling apparatus, Railway track. J. J. Vanhorn. 2,060,487–8; Nov. 10.

Switch locking device, Railway. B. J. Schwendt and F. C. Lavarack. 2,060,448; Nov. 10.
Table: *See*—
  Card table. Folding table.
Tablet depositing machine. G. S. Suppiger, C. Alexander, and J. H. Schreiber. 2,060,645; Nov. 10.
Tablet holder. W. W. Tiede. 2,060,406; Nov. 10.
Tank truck and fluid circulating system. E. R. Barrett. 2,060,484; Nov. 10.
Telephone. J. A. Briggs. 2,060,607; Nov. 10.
Telephone system. T. L. Dimond. 2,060,184; Nov. 10.
Telephone system. R. L. Stokely. 2,060,261; Nov. 10.
Teleprinter and telephone system, Combined. A. M. Searle, G. L. Hunt, and R. J. M. Andrews. 2,060,250; Nov. 10.
Television, Submarine. H. Hartman. 2,060,670; Nov. 10.
Temperature controlled switch. J. W. Wright. 2,060,712; Nov. 10.
Temperature responsive device, Remote indicating. E. L. Fonseca. 2,060,296; Nov. 10.
Terpineol from pinene, Production of. D. H. Sheffield. 2,060,597; Nov. 10.
Thallium, Recovering. R. Teats. 2,060,453; Nov. 10.
Thermionic trigger device. R. E. Mathes. 2,060,095; Nov. 10.
Thermometer. A. S. Robinson. 2,060,437; Nov. 10.
Thermostatic switch. J. W. Wright and E. H. Glinz. 2,060,713; Nov. 10.
Thermostatically controlled valve. E. L. Mayo. 2,060,332; Nov. 10.
Thread cutting device. M. J. Clabby and H. S. Ashmun. 2,060,609; Nov. 10.
Throttle locking device. W. A. Smith, Jr. 2,060,256; Nov. 10.
Ticker-tape feed-out device, Automatic. P. L. Myer. 2,060,586; Nov. 10.
Time control for tuned circuits, Automatic. T. A. Cheney and H. J. Krinke. 2,060,037; Nov. 10.
Tire cover. G. A. Lyon. 2,060,329; Nov. 10.
Tire cover, Spare. G. A. Lyon. 2,060,330; Nov. 10.
Tobacco stemmer. D. E. Rundell. 2,060,443; Nov. 10.
Tool: *See*—
  Combination tool. Crankshaft rotating tool.
Tool for concrete formwork. T. S. Thomsen. 2,060,646; Nov. 10.
Tooth, Artificial. L. M. Valbuena. 2,060,478; Nov. 10.
Torpedo. J. H. Hammond, Jr. 2,060,202; Nov. 10.
Torpedo. J. H. Hammond, Jr. 2,060,205–6; Nov. 10.
Towel rack. H. P. Martel. 2,060,630; Nov. 10.
Tower, Cooling. J. P. Barry. 2,060,275; Nov. 10.
Toy, Mechanical paddle canoe. O. J. F. Jacobson. 2,060,619; Nov. 10.
Toy railway track switch. W. F. Hafner. 2,060,069; Nov. 10.
Top with a hollow stem and a rotatably connected object. B. A. Canter. 2,060,029; Nov. 10.
Track bracket. W. A. Beauchamp. 2,060,720; Nov. 10.
Tractor guide. O. Massey. 2,060,740; Nov. 10.
Transformer, Regulating. A. M. Unger. 2,060,477; Nov. 10.
Transmission lines, Regulation of. F. A. Cowan. 2,060,042; Nov. 10.
Transmitter, Modulating carrier wave. W. T. Ditcham. 2,060,614; Nov. 10.
Trap: *See*—
  Waste trap.
Trim strip for automobile fenders, Antisqueak. H. D. Geyer. 2,060,566; Nov. 10.
Trousers. L. Barry. 2,060,775; Nov. 10.
Truck. H. Janssen. 2,060,620; Nov. 10.
Truck and supporting mechanism for aerial cars, Combined. J. B. Strauss. 2,060,402; Nov. 10.
Truck, Railway car. J. G. Bower. 2,060,550; Nov. 10.
Truck, Roller bearing pedestal. W. C. Sanders. 2,060,446; Nov. 10.
Tube: *See*—
  Photosensitive tube. Vacuum tube.
  Pneumatic inner tube.
Tube and bracket for ice making systems, Air-inlet drop. W. B. Nelson. 2,060,632; Nov. 10.
Tube mill. W. J. Assel. 2,060,768; Nov. 10.
Tube products dispenser. E. S. Crumm. 2,060,178; Nov. 10.
Tubes and rods, Rolling. W. J. Assel. 2,060,767; Nov. 10.
Tuning arrangement for radio receiving sets. W. Huber and H. O. Roosenstein. 2,060,216; Nov. 10.
Turbine. A. Fladeland. 2,060,414; Nov. 10.
Tuyères. O. R. Rice. 2,060,346; Nov. 10.
Typewriter, Noiseless. H. Bates. 2,060,718–19; Nov. 10.
Typewriter ribbon attachment. J. C. Hochman. 2,060,315; Nov. 10.
Typewriter ribbon device. J. C. Hochman. 2,060,314; Nov. 10.
Utensils, Manufacture of metal. W. T. Christman. 2,060,038; Nov. 10.
Vacuum can. W. M. Ryan and J. W. Bold. 2,060,444; Nov. 10.
Vacuum cleaner. C. A. Brock. 2,060,168; Nov. 10.
Vacuum tube, Water cooled. I. E. Mouromtseff and G. V. Rylsky. 2,060,519; Nov. 10.
Valve: *See*—
  Automatic beverage valve. Thermostatically controlled valve.
  Pressure relief valve.
Valve. R. P. Hanson. 2,060,571; Nov. 10.
Valve. B. B. Whittle. 2,060,388; Nov. 10.
Valve controlling means. H. Brisacher. 2,060,723; Nov. 10.
Valve device, Thermostatically operated. J. E. Golob. 2,060,301; Nov. 10.
Valve mechanism. H. Roberts and C. H. Robertson. 2,060,748; Nov. 10.
Vanity case and the like. P. Gutenstein. 2,060,466; Nov. 10.
Variable resistance units, Making. L. Podolsky. 2,060,114; Nov. 10.
Varnish, Oil. W. Breuers and H. Schatz. 2,060,412; Nov. 10.
Vehicle, Bottom dump. W. P. Scott. 2,060,130; Nov. 10.
Vehicle, Electric. S. E. Newhouse. 2,060,521; Nov. 10.
Vehicle, Motor. A. Moorhouse. 2,060,684; Nov. 10.
Vehicle rear end and spotlight switch, Motor. G. D. Knodle. 2,060,377; Nov. 10.
Vehicles, Suspension for. G. M. Barnes and W. E. Preston. 2,060,015; Nov. 10.
Vending machine. G. J. McLaren. 2,060,741; Nov. 10.
Ventilating apparatus. A. Sargent. 2,060,764; Nov. 10.
Vibrator power supply system. A. D. Burt, A. J. Rohner, and F. Shoup. 2,060,025; Nov. 10.
Vitreous article, Hardened. H. R. Moulton. 2,060,104; Nov. 10.
Waistband, Garment supporting. A. J. Krein. 2,060,467; Nov. 10.
Washing and developing device. F. Doetzel, Jr. 2,060,286; Nov. 10.
Waste trap. J. D. Houck. 2,060,420; Nov. 10.
Watch. J. R. Putnam. 2,060,118; Nov. 10.
Watch cleaning machine. Le R. Butts. 2,060,277; Nov. 10.
Water heater. H. D. Sterick. 2,060,452; Nov. 10.
Weather strip. C. A. Tea. 2,060,353; Nov. 10.
Web roll support. H. A. W. Wood. 2,060,360; Nov. 10.
Web splicing device. H. A. W. Wood. 2,060,359; Nov. 10.
Webs of material, Treatment of. W. W. Spooner. 2,060,430; Nov. 10.
Welding apparatus. J. H. Blankenbuehler and A. C. Huukeler. 2,060,489; Nov. 10.
Winding machine. A. F. Pym. 2,060,380; Nov. 10.
Window channel. A. Rydquist. 2,060,124; Nov. 10.
Window closer, Automatic. C. B. and C. H. Kaufman. 2,060,575; Nov. 10.
Window construction. E. Peremi and L. Toth. 2,060,525; Nov. 10.
Window device. B. N. Parmenter. 2,060,109; Nov. 10.
Window for automobiles, Ventilating. O. Ernst. 2,060,615; Nov. 10.
Windshield, Vehicle. K. Krantz. 2,060,579; Nov. 10.
Wine dispensing rack. H. G. Buck and A. W. Aspen. 2,060,170; Nov. 10.
Wiper arm and drive shaft assembly, Windshield. F. Kritz. 2,060,325; Nov. 10.
Wringer. W. K. Voss. 2,060,147; Nov. 10.
Wringer. W. K. Voss. 2,060,148; Nov. 10.
Wringer. C. B. Williams. 2,060,710; Nov. 10.

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ISSUED NOVEMBER 10, 1936

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	137:	2,060,712		9:	2,060,756		99:	2,060,185			2,060,138			2,060,303		113:	2,060,548
	138:	2,060,296		16:	2,060,155	237—	79:	2,060,088		6:	2,060,210		170:	2,060,356	288—	1:	2,060,498
		2,060,671		42:	2,060,504	240—	4.2:	2,060,062			2,060,311	261—	15:	2,060,557	292—	42:	2,060,284
		2,060,713		54:	2,060,444		13:	2,060,324		71:	2,060,354		30:	2,060,258		229:	2,060,026
	148:	2,060,282		66:	2,060,541		41.35:	2,060,588	253—	117:	2,060,101		34:	2,060,747	294—	57:	2,060,707
	150:	2,060,758	221—	47.4:	2,060,297	242—	3:	2,060,380		173:	2,060,414		41:	2,060,217		86:	2,060,722
	168:	2,060,603		60:	2,060,178		58:	2,060,359	254—	29:	2,060,214			2,060,538	296—	1:	2,060,362
201—	67:	2,060,644		67:	2,060,484		64:	2,060,360		35:	2,060,526		90:	2,060,257			2,060,666
	76:	2,060,114		105:	2,060,386		65:	2,060,269		79:	2,060,646		92:	2,060,732		44:	2,060,109
		2,060,393		147:	2,060,125	244—	5:	2,060,469		100:	2,060,780		110:	2,060,275		44.5:	2,060,124
		2,060,417			2,060,455		29:	2,060,077		194:	2,060,174		114:	2,060,601			2,060,656
204—	15:	2,060,453	223—	69:	2,060,395		30:	2,060,387	255—	26:	2,060,403		118:	2,060,166	298—	30:	2,060,130
206—	65:	2,060,763		71:	2,060,459	246—	3:	2,060,413		75:	2,060,352	262—	28:	2,060,226	299—	88:	2,060,285
208—	173:	2,060,578			2,060,497			2,060,485	256—	13.1:	2,060,128	265—	61:	2,060,064	303—	86:	2,060,028
209—	125:	2,060,153		104:	2,060,349			2,060,486			2,060,673	266—	3:	2,060,634	306—	26:	2,060,415
210—	51.5:	2,060,738	224—	5:	2,060,751			2,060,487	257—	3:	2,060,636		19:	2,060,070	308—	6:	2,060,188
	71:	2,060,454	225—	22:	2,060,432			2,060,488		239:	2,060,078		41:	2,060,346		36.4:	2,060,651
	99:	R. 20,164			2,060,512		415:	2,060,069		245:	2,060,440	267—	8:	2,060,294		47:	2,060,602
	158:	2,060,392		24:	2,060,551		448:	2,060,448		248:	2,060,014		9:	2,060,370	309—	11:	2,060,292
	165:	2,060,320	226—	2:	2,060,645	248—	5:	2,060,604			2,060,211		57:	2,060,015		29:	2,060,335
211—	6:	2,060,630		43:	2,060,629		88:	2,060,390	260—	2:	2,060,035	268—	123:	2,060,575	311—	83:	2,060,367
	87:	2,060,760		114:	2,060,276		102:	2,060,194			2,060,404	271—	60:	2,060,331	312—	32:	2,060,711
	182:	2,060,620		127:	2,060,570		141:	2,060,170			2,060,715		63:	2,060,511		112.5:	2,060,598
213—	9:	2,060,049	229—	5.7:	2,060,542		346:	2,060,543			2,060,716		89:	2,060,270		146:	2,060,435
		2,060,050		23:	2,060,030	249—	60:	2,060,011		3:	2,060,122	273—	22:	2,060,495			

U. S. GOVERNMENT PRINTING OFFICE: 1936

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Acme Card System Company, Chicago, Ill. Cards for visible index or record equipment, desk diaries, etc. Serial No. 366,350; Nov. 17. Class 37.

American Auto-Felt Corporation, Grand Rapids, Mich. Mattresses. Serial No. 383,562; Nov. 17. Class 32.

Amplifex Co., The. (See Sharpnack, George.)

Antinoph, Jacob, doing business as Philadelphia Leather-Goods Co., Philadelphia, Pa. Dress suit cases and handbags. Serial No. 383,155; Nov. 17. Class 3.

Appalachian Apples, Inc., Martinsburg, W. Va. Fresh apples. Serial No. 383,291; Nov. 17. Class 46.

Arden, Elizabeth, Inc., New York, N. Y. Suntan oil, sunproof cream, bronze liquid lotion for face and body. Serial No. 367,984; Nov. 17. Class 6.

Arteraft Silk Hosiery Mills, Inc., Philadelphia, Pa. Women's hosiery. Serial No. 376,565; Nov. 17. Class 39.

Associated Physicians Laboratories, Ltd., San Francisco, Calif. Compound containing procaine base, butyl-p-aminobenzoate and benzyl alcohol in almond oil, to produce local anesthesia by injection. Serial No. 382,992; Nov. 17. Class 6.

Athelstan, Gunnlaugur T., doing business as Athelstan Products Co., Minneapolis, Minn. Rodent and vermin poisons. Serial No. 381,833; Nov. 17. Class 6.

Atlantic Zinc Works, Inc., Brooklyn, N. Y. Brass, etc., plates and copper and zinc engravers' plates and photo-engravers' copper and zinc. Serial No. 383,292; Nov. 17. Class 14.

Barbet & Fournier, Bordeaux, France. Rum. Serial No. 384,023; Nov. 17. Class 49.

Bayuk Cigars Incorporated, Philadelphia, Pa. Cigars. Serial No. 378,472; Nov. 17. Class 17.

Bear Mill Manufacturing Co., Inc., New York, N. Y. Piece goods. Serial No. 383,116; Nov. 17. Class 42.

Bear Creek Vacuum Wine Company, Lodi, Calif. Wines. Serial No. 383,614; Nov. 17. Class 47.

Benco Products. (See Bender, Joseph B.)

Bender, Joseph B., doing business as Benco Products, New York, N. Y. Deodorant cream. Serial No. 379,922; Nov. 17. Class 6.

Bernardini, Alfred, doing business as Hughes Pharmaceutical Laboratory, New York, N. Y. General tonic. Serial No. 383,500; Nov. 17. Class 6.

Bloomsburg Packing Company. (See Gray, C. B.)

Brooke, Bond & Company, Limited, London, England. Tea. Serial Nos. 381,862–3; Nov. 17. Class 46.

Brown, Thomas H., Hosiery Co., Inc., Philadelphia, Pa. Hosiery. Serial No. 383,084; Nov. 17. Class 39.

Brown, Victor, Undies, Inc., New York, N. Y. Chemises, petticoats, slips, etc. Serial No. 383,716; Nov. 17. Class 39.

Bruno, William A., New York, N. Y. Microphones. Serial No. 383,466; Nov. 17. Class 21.

Bush, Thomas W., doing business as Bush's Drug Store, New Smyrna, Fla. Preparation for common colds. Serial No. 374,549; Nov. 17. Class 6.

Buston, Jameson G., North Tazewell, Va. Cola beverage and sirup and extract for making the same. Serial No. 383,118; Nov. 17. Class 45.

Bye Company, Inc., The, Cincinnati, Ohio. Baked medicated cake or wafer for use as an internal lubricant. Serial No. 374,963; Nov. 17. Class 6.

Byrnes, Loy, New York, N. Y. Newspaper comic strips. Serial No. 382,421; Nov. 17. Class 38.

Carman & Co., Inc., New York, N. Y. Starch lubricant. Serial No. 381,401; Nov. 17. Class 6.

Casein Company of America, Inc., New York, N. Y. Dry skimmed milk. Serial No. 383,257; Nov. 17. Class 46.

Cherniak, M. B., Mfg. Co., Inc., New York, N. Y. Lighting fixtures. Serial No. 377,497; Nov. 17. Class 34.

Classic Knitters, Inc., New York, N. Y. Dresses, sweaters, and skirts. Serial No. 382,904; Nov. 17. Class 39.

Cleveland, Walter J., doing business as Cleveland Laboratories, Bellflower, Calif. Astringent antiseptic vermifuge for treatment of disorders of poultry. Serial No. 381,933; Nov. 17. Class 6.

Collins, Ashton B., Birmingham, Ala. Books, circulars, advertising matter, etc. Serial No. 380,552; Nov. 17. Class 38.

Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Containers and parts thereof and closures therefor. Serial No. 383,570; Nov. 17. Class 2.

Commercial Solvents Corporation, New York, N. Y. Solvents having general use in the industrial arts. Serial No. 378,936; Nov. 17. Class 6.

Continental Mills, Inc., Seattle, Wash. Prepared pie-crust. Serial No. 372,188; Nov. 17. Class 46.

Coopers, Incorporated, Kenosha, Wis. Men's shorts. Serial No. 380,759; Nov. 17. Class 39.

Coopers, Incorporated, Kenosha, Wis. Men's hose. Serial No. 383,571; Nov. 17. Class 39.

Cronwell Co. (See Hallauer, Frank J.)

Dartmore Corporation, Brooklyn, N. Y. Powder puffs. Serial No. 383,053; Nov. 17. Class 29.

Davenport, Cornelia W., Philadelphia, Pa. Perfumes. Serial No. 383,572; Nov. 17. Class 6.

Debway Hats, Inc., New York, N. Y. Ladies' and misses' hats. Serial No. 383,208; Nov. 17. Class 39.

Deutinger, Henry, New York, N. Y. Pickling salt. Serial No. 381,971; Nov. 17. Class 6.

De Zalewski, Michel, Paris, France. Pharmaceutical products. Serial No. 382,347; Nov. 17. Class 6.

Dickerson, Walker T., Company, The, Columbus, Ohio. Shoes. Serial No. 381,025; Nov. 17. Class 39.

Douglas, W. L., Shoe Co., Montello, Brockton, Mass. Boots, shoes, and slippers. Serial No. 382,261; Nov. 17. Class 39.

Draper Hat Corporation, New York, N. Y. Ladies' hats. Serial No. 381,407; Nov. 17. Class 39.

Easling, Newton P., Pekin, Ill. Felt paper for use in building construction. Serial No. 383,088; Nov. 17. Class 12.

Elliott, Lavinia F. C., doing business as Kahala Importing Co., Los Angeles, Calif. Clothing. Serial No. 381,977; Nov. 17. Class 39.

Eskimo Pie Corporation, Brooklyn, N. Y. Frozen confectionery. Serial No. 364,764; Nov. 17. Class 46.

Excelsior Shoes, Inc., Portsmouth, Ohio. Women's shoes. Serial No. 383,298; Nov. 17. Class 39.

Exeller Chemical Company. (See Heller, Max.)

Exhibit Supply Company, Chicago, Ill. Coin controlled amusement apparatus. Serial No. 383,879; Nov. 17. Class 22.

Fall & Fall, Denver, Colo. Hair, skin, dental and nail preparations. Serial No. 382,791; Nov. 17. Class 6.

Federated Mills, Inc., New York, N. Y. Paper dispensing cartons. Serial No. 383,299; Nov. 17. Class 2.

Finch, Joseph S., and Company, New York, N. Y. Whiskey, gin, rum, etc. Serial No. 384,076; Nov. 17. Class 49.

Five Star Shoe Co., Inc., Long Island City, N. Y. Children's shoes. Serial No. 382,051; Nov. 17. Class 39.

Follmer, Clogg & Co., Inc., New York, N. Y., and Lancaster, Pa. Oiled silk umbrellas. Serial No. 383,012; Nov. 17. Class 41.

Fort Dodge Bottling Works, Inc., Fort Dodge, Iowa. Beverages and sirups and extracts for making the same. Serial No. 383,306; Nov. 17. Class 45.

Fuelite Oil Treating Corporation, Chicago, Ill. Combination of chemicals made into a compound for use in fuel oils. Serial No. 381,105; Nov. 17. Class 6.

General Mills, Inc., Minneapolis, Minn. Flour. Serial No. 379,929–30; Nov. 17. Class 46.

Glendale Fabrics, Inc., New York, N. Y. Textile fabrics in the piece. Serial No. 383,093; Nov. 17. Class 42.

Glendale Shirt Co., Inc., New York, N. Y. Undershirts. Serial No. 380,765; Nov. 17. Class 39.

Globe Knitting Works, Grand Rapids, Mich. Knit underwear. Serial No. 383,733; Nov. 17. Class 39.

Golco Sanitary System, Inc., Philadelphia, Pa. Toilet paper. Serial No. 380,275; Nov. 17. Class 37.

Goon, Robert C., doing business as Veto-Tox Laboratories, Toledo, Ohio. Medicinal preparation for the treatment of arthritis, etc. Serial No. 382,307; Nov. 17. Class 6.

Graham Co. Inc., The, New York, N. Y. Shelled and unshelled nuts, rice, and dried vegetables. Serial No. 374,714; Nov. 17. Class 46.

Graham, M. L., Seattle, Wash. Mayonnaise, salad dressing, cooked chicken, etc. Serial No. 380,453; Nov. 17. Class 46.

Grant, Dana H., New York, N. Y. Silk, woolen, linen, and cotton piece goods. Serial No. 383,308; Nov. 17. Class 42.

Gray, C. B., doing business as Bloomsburg Packing Company, Bloomsburg, Pa. Canned vegetables. Serial No. 368,694; Nov. 17. Class 46.

Gulf Oil Corporation, Pittsburgh, Pa. Publication. Serial No. 382,792; Nov. 17. Class 38.

H & W Company, Inc., The, New York, N. Y. Brassières and corsets and combinations thereof. Serial No. 383,129; Nov. 17. Class 39.

Hallauer, Frank J., doing business as Cronwell Co., Washington, D. C. Scalp preparation. Serial No. 382,472; Nov. 17. Class 6.

Hamilton, Robert W., New York, N. Y. Cotton, rayon, and silk fabrics. Serial No. 383,094; Nov. 17. Class 42.

Hause, Chas. F., Mfg. Co., Ltd., Los Angeles, Calif. Tank floats. Serial No. 366,562; Nov. 17. Class 13.

Hazel-Atlas Glass Company, Wheeling, W. Va. Closures for receptacles. Serial No. 381,908; Nov. 17. Class 50.

Heller, Max, doing business as Exeller Chemical Company, New York, N. Y. Alum powder, anise seed, baby powder, etc. Serial No. 376,243; Nov. 17. Class 6.

Herb-Verdi, doing business as Motif Cosmetics, San Francisco, Calif. Preparations for the hair. Serial No. 383,472; Nov. 17. Class 6.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Hogarth, Alfred M., London, England. Dentifrices. Serial No. 380,058; Nov. 17. Class 6.
Hollywood Powder Puff Co. Inc., Brooklyn, N. Y. Powder puffs. Serial No. 383,059; Nov. 17. Class 29.
Hughes Pharmaceutical Laboratory. (See Bernardini, Alfred.)
Humane Society of Baltimore County, Pikesville, Md. Shampoo, deodorant, and antiseptic, catnip balls, and sulpho-salve. Serial No. 383,096; Nov. 17. Class 6.
Iowana Farms Milk Co., Bettendorf, Iowa. Milk, ice cream, and dairy products. Serial No. 381,623; Nov. 17. Class 46.
Iowana Farms Milk Co., Bettendorf, Iowa. Milk, ice cream, and dairy products. Serial No. 381,673; Nov. 17. Class 46.
Iron and Steel Publishing Co., The, Pittsburgh, Pa. Periodical. Serial No. 383,023; Nov. 17. Class 38.
Jero Products Co., Chicago, Ill. Non-alcoholic mixer. Serial No. 365,735; Nov. 17. Class 45.
Kahala Importing Co. (See Elliott, Lavinia F. C.)
Kaplan, B., & Company, New York, N. Y. Woolen piece goods. Serial No. 381,566; Nov. 17. Class 42.
Keene, R. D., Inc., Winter Garden, Fla. Fresh citrus fruits. Serial Nos. 383,312–3; Nov. 17. Class 46.
Kendall Company, The, Walpole, Mass. Fibrous lining materials. Serial No. 375,512; Nov. 17. Class 42.
Knight Slipper Mfg. Corp., New York, N. Y. Ladies' slippers. Serial No. 382,481; Nov. 17. Class 39.
Kor-Kor Paint Company, The, Grand Rapids, Mich. Paints, varnishes, enamel paint, etc. Serial No. 383,194; Nov. 17. Class 16.
Kress, S. H., and Company, New York, N. Y. Hosiery. Serial No. 383,436; Nov. 17. Class 39.
Krischer Trading Corp., New York, N. Y. Belts. Serial No. 382,482; Nov. 17. Class 39.
Kuebler Brewing Company, Inc., Easton, Pa. Beer, ale, and porter. Serial No. 380,401; Nov. 17. Class 48.
Lambert, Marion L. J., doing business as Lambert Bottling Equipment Co., St. Louis, Mo. Beverages. Serial No. 378,211; Nov. 17. Class 45.
Lewis, Addison, Minneapolis, Minn. Envelopes. Serial No. 383,473; Nov. 17. Class 37.
Lewis, G. M., Chemical Company, Canton, Ohio. Cleanser for general household use. Serial No. 380,954; Nov. 17. Class 4.
Lifex Food Products Company, New York, N. Y. Canned vegetables. Serial No. 376,436; Nov. 17. Class 46.
Lissner, H., Company, Inc., New York, N. Y. Golf knickers, sport, riding, and golf trousers, and trousers. Serial No. 383,583; Nov. 17. Class 39.
Little Falls Manufacturing Company, Inc., Little Falls, N. Y. Underwear. Serial No. 361,098; Nov. 17. Class 39.
Longwood Pharmacy, Inc., doing business as Longwood Dietetic House, Boston, Mass. Pharmaceutical preparation. Serial No. 381,899; Nov. 17. Class 6.
Lorraine Manufacturing Company, Pawtucket, R. I., and New York, N. Y. Skirts, waists, suits, rompers, etc. Serial No. 373,697; Nov. 17. Class 39.
Lorraine Manufacturing Company, Pawtucket, R. I., and New York, N. Y. Skirts, waists, suits, etc. Serial No. 373,738; Nov. 17. Class 39.
Lovejoy, S. W., Company, Incorporated, Arlington, Mass. Chemically treated silk raincoats. Serial No. 383,631; Nov. 17. Class 39.
Lowe, Joe, Corporation, New York, N. Y. Empty wrappers and bags. Serial No. 383,584; Nov. 17. Class 2.
Macy, R. H., & Co., Inc., New York, N. Y. Women's hats. Serial No. 381,039; Nov. 17. Class 39.
Maiden Fair Co. (See Weinberg, Abe.)
Majestic Heater Corp., Chicago, Ill. Water boilers and heating plants. Serial No. 356,412; Nov. 17. Class 34.
Marshall Field & Company, Chicago, Ill. Dresses, coats, sweaters, etc. Serial No. 381,979; Nov. 17. Class 39.
Martha Maid Manufacturing Company, Chicago, Ill. Women's undergarments. Serial No. 380,840; Nov. 17. Class 39.
Mayer, Max, doing business as R. J. Mayer Shoe Company, Marblehead, Mass. Ski-boots, and cleated football, baseball, and track shoes. Serial No. 379,006; Nov. 17. Class 39.
McKesson & Robbins, Incorporated, Bridgeport and Fairfield, Conn. Soap. Serial No. 383,777; Nov. 17. Class 4.
McLaughlin-Owen Company, Chicago, Ill. Shampoo, wave set, hair tonic, etc. Serial No. 382,758; Nov. 17. Class 6.
Merit Dental Products, Inc., New York, N. Y. Dental mirrors. Serial No. 382,601; Nov. 17. Class 44.
Milberg & Milberg, New York, N. Y. Ladies' underwear. Serial No. 382,924; Nov. 17. Class 39.
Morris Shoe Co. Inc., New York, N. Y. Children's shoes. Serial No. 380,014; Nov. 17. Class 39.
Motif Cosmetics. (See Herb-Verdi.)
National Distillers Products Corporation, New York, N. Y. Whiskey. Serial No. 384,045; Nov. 17. Class 49.
National Drug Company, The, Philadelphia, Pa. Sterile non-pyrogenic solutions for intravenous use. Serial No. 371,735; Nov. 17. Class 6.
Nau, Frank L., Portland, Oreg. Antiseptic mouth wash. Serial No. 382,229; Nov. 17. Class 6.
Newman, Rose, doing business as Newman Products Co., Brooklyn, N. Y. Preparation for corn and callous removing and bunion treating. Serial No. 381,723; Nov. 17. Class 6.
Northwestern Barb Wire Company, Sterling, Ill. Wire. Serial No. 383,541; Nov. 17. Class 14.
Northwestern Barb Wire Company, Sterling, Ill. Wire. Serial No. 383,543; Nov. 17. Class 14.
Nutri-Brom Pharmacal Co., Inc., Brooklyn, N. Y. Sedative and hypnotic preparations. Serial No. 381,685; Nov. 17. Class 6.
Oneva Co., West Pittston, Pa. Granular effervescent alkaline bromides. Serial No. 382,673; Nov. 17. Class 6.
Pacific Northwest Fruits, Inc., Yakima, Wash. Fresh apples. Serial No. 381,546; Nov. 17. Class 46.
Peat Import Corporation, New York, N. Y. Peat moss. Serial No. 382,928; Nov. 17. Class 1.
Peerless Tailored Dresses, New York, N. Y. Woolen cloth. Serial No. 381,591; Nov. 17. Class 42.
Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Cotton piece goods. Serial No. 383,137; Nov. 17. Class 42.
Perry, Lloyd O., doing business as Perry Laboratories, Detroit, Mich. Medicines for head colds, nasal congestion of asthma, etc. Serial No. 382,020; Nov. 17. Class 6.
Petersell & Delmont, Revere Beach, Mass. Beverages. Serial No. 381,689; Nov. 17. Class 45.
Philadelphia Leather-Goods Co. (See Antinoph, Jacob.)
Pillsbury Flour Mills Company, Minneapolis, Minn. Wheat flour. Serial Nos. 383,634–6; Nov. 17. Class 46.
Pomeranz, Edward, San Clemente, Calif. Containers for frozen liquid. Serial No. 383,406; Nov. 17. Class 44.
Prentiss, R. J., & Co., Inc., New York, N. Y. Concentrates and chemicals. Serial No. 382,072; Nov. 17. Class 6.
R.-J. Mfg. Co., Inc. (See Ready-Jell Manufacturing Co., Inc.)
Rare Chemicals, Inc., Nepera Park, N. Y. Preparations used as an effective blood builder in hypochromic forms of anemia and as a hematinic and general reconstructive tonic. Serial No. 381,877; Nov. 17. Class 6.
Ready-Jell Manufacturing Co., Inc., doing business as R.-J. Mfg. Co., Inc., Troy, N. Y. Cleansing powder. Serial No. 382,887; Nov. 17. Class 4.
Rejuvia Beauty Laboratories, Inc., New York, N. Y. Lipstick. Serial No. 363,666; Nov. 17. Class 6.
Reliance Manufacturing Company, doing business as The Sterling Company, Chicago, Ill. Ladies' pajamas and night gowns. Serial No. 380,364; Nov. 17. Class 39.
Reliance Manufacturing Company, Chicago, Ill. Ladies' dresses. Serial No. 383,599; Nov. 17. Class 39.
Rinelli, Catherine A., doing business as Kay Rinelli, Brooklyn, N. Y. Tissue cream, cold cream, astringent, etc. Serial No. 380,716; Nov. 17. Class 6.
Rochelle Products, Brooklyn, N. Y. Oil Shampoo. Serial No. 383,180; Nov. 17. Class 6.
Rose, Henry, Stores, Inc., New York, N. Y. Hats for women. Serial No. 383,483; Nov. 17. Class 39.
Rose, Henry, Stores, Inc., New York, N. Y. Hats for children. Serial No. 383,484; Nov. 17. Class 39.
Rosenberg, Morris, Los Angeles, Calif. Nuts. Serial No. 380,717; Nov. 17. Class 46.
Ruma-Ban Laboratories, Inc., Greenville, N. C. Preparation for rheumatism, lumbago, etc. Serial No. 382,005; Nov. 17. Class 6.
Saginaw Manufacturing Co., Saginaw, Mich. Folding ironing tables. Serial Nos. 383,646–7; Nov. 17. Class 24.
Saratoga Laboratory, Springfield, Mass. Medicine for the relief of colds, rheumatic and muscular pains, etc. Serial No. 381,919; Nov. 17. Class 6.
Schnefel Bros. Corporation, Newark, N. J. Nail polish remover and thinner. Serial No. 382,323; Nov. 17. Class 6.
Schoeneman, J., Incorporated, Baltimore, Md. Coats, vests, trousers, etc. Serial No. 383,547; Nov. 17. Class 39.
Schorr-Kolkschneider Brewing Company, The, St. Louis, Mo. Beer and other malt beverages. Serial No. 383,230; Nov. 17. Class 48.
Scientific Food Products Company, Seattle, Wash. Intestinal laxative of herbs. Serial No. 382,810; Nov. 17. Class 6.
Seaborne, Charles R., Appleton, Wis. Beaters for paper stock. Serial No. 383,690; Nov. 17. Class 23.
Seaman, Jean, Glendale, Calif. Avocado cookies. Serial No. 381,146; Nov. 17. Class 46.
Sedlmayr, Gabriel u. Jos., Spaten-Franziskaner-Leistbräu A.-G. München, Munich, Germany. Beer, porter, ale, etc. Serial No. 380,463; Nov. 17. Class 48.
Seebasco Laboratories, Inc., Philadelphia, Pa. Preparation for the treatment of the feet. Serial No. 381,693; Nov. 17. Class 6.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Sharpnack, George, doing business as The Amplifex Co., Lincoln, Nebr. Sound equipment. Serial No. 383,706; Nov. 17. Class 21.
Sheffield Company, The, New London, Conn. Tooth paste. Serial No. 382,450; Nov. 17. Class 6.
Shirley Kidde Togs, Inc., New York, N. Y. Dresses. Serial No. 371,560; Nov. 17. Class 39.
Siegel Bros. Kiki Maid Koats Inc., New York, N. Y. Piece goods. Serial No. 380,797; Nov. 17. Class 42.
Sinclair Refining Company, New York, N. Y. Paint enamels, varnishes, paint primers, etc. Serial No. 379,403; Nov. 17. Class 16.
Sportowne Coat Co., Inc., New York, N. Y. Coats and suits. Serial No. 383,373; Nov. 17. Class 39.
Standard Novelty Works, Duncannon, Pa. Coaster sleds. Serial No. 382,843; Nov. 17. Class 22.
Stein, Barnet L., Chicago, Ill. Ice cream. Serial No. 383,144; Nov. 17. Class 46.
Sterling Company, The. (See Reliance Manufacturing Company.)
Stone, Porter E., Detroit, Mich. Automobile rear view mirrors. Serial No. 381,431; Nov. 17. Class 19.
Sun Harbor Packing Corp., San Diego, Calif. Canned fish. Serial No. 383,186; Nov. 17. Class 46.
Sun Harbor Packing Corp., San Diego, Calif. Canned tuna flakes, bonita and yellowtail. Serial No. 383,187; Nov. 17. Class 46.
Superior Brands Inc., Jersey City, N. J. Soya flour for baking purposes. Serial No. 379,281; Nov. 17. Class 46.
Sweet Feet, Incorporated, Gulfport, Miss. Preparation for deodorizing and treating athlete's foot. Serial No. 380,466; Nov. 17. Class 6.
Tannenbaum, S., Chicago, Ill. Pearl barleys, brown buckwheat, buckwheat flour, etc. Serial No. 377,558; Nov. 17. Class 46.
Terry, Sam, doing business as Valley of the Moon Fruit Juice Co., Oakland, Calif. Beverage and sirup and extracts in making same. Serial No. 368,636; Nov. 17. Class 45.
Thilmany Pulp & Paper Company, Kaukauna, Wis. Sulphite paper. Serial No. 370,068; Nov. 17.
Three G Distillery Corp., Burbank, Calif. Whiskey. Serial No. 384,064; Nov. 17. Class 49.
Tingue, Brown & Co., New York, N. Y. Net containers for use in laundry establishments. Serial No. 383,904; Nov. 17. Class 24.
Todd Combustion Equipment, Inc., Brooklyn, N. Y. Oil burners and air registers. Serial No. 377,132; Nov. 17. Class 34.
Torch Frocks, Inc., New York, N. Y. Dresses, cloaks, and suits. Serial No. 382,967; Nov. 17. Class 39.
Trabulsi Textile Co. Inc., New York, N. Y. Mufflers and scarfs. Serial No. 383,375; Nov. 17. Class 39.
Trees, C. E., & Co. Inc., Indianapolis, Ind. Beverage, sirup and extract for making the same. Serial No. 383,041; Nov. 17. Class 45.
Trussell Manufacturing Company, Poughkeepsie, N. Y. Book binding wires. Serial No. 379,720; Nov. 17. Class 13.
U. V. R. Laboratories, Inc., New York, N. Y. Therapeutic electric lamps. Serial No. 376,783; Nov. 17. Class 44.
United Woolen Company, The, Columbus, Ohio. Suits, top coats, and overcoats. Serial No. 383,043; Nov. 17. Class 39.
U. S. Industrial Alcohol Co., New York, N. Y. Dried fermented molasses yeast product used as a poultry and livestock feed supplement. Serial No. 383,276; Nov. 17. Class 46.
United States Register Company, Battle Creek, Mich. Warm air registers. Serial No. 381,293; Nov. 17. Class 34.
United States Truck Company, Inc., Fall River, Mass. Trunks, suit cases, and pullman cases. Serial No. 383,190; Nov. 17. Class 3.
Universal Fotostatue Company, Fairfield, Iowa. Photographs. Serial No. 373,272; Nov. 17. Class 38.
Utz, William D., Hanover, Pa. Potato chips. Serial No. 363,953; Nov. 17. Class 46.
Valley of the Moon Fruit Juice Co. (See Terry, Sam.)
Vanity Corset Company, Inc., New York, N. Y. Corsets, brassières, bandeaux, etc. Serial No. 382,454; Nov. 17. Class 39.
Van Raalte Company, New York, N. Y. Underwear. Serial No. 383,694; Nov. 17. Class 39.
Veto-Tox Laboratories. (See Goon, Robert C.)
Virginia Smelting Company, West Norfolk, Va. Sodium dichromate, sulphur dioxide reduced tanning compound. Serial No. 382,538; Nov. 17. Class 6.
Viviano, V., & Bros., Macaroni Mfg. Co., Inc., St. Louis, Mo. Alimentary pastes. Serial No. 382,539; Nov. 17. Class 46.
Voorhis-Tiebout Company, Inc., Rhinebeck, N. Y. Wall soap pulverizer and dispenser. Serial No. 381,594; Nov. 17. Class 13.
Waltham Bag & Paper Company, Waltham, Mass. Paper bags, boxes, and containers. Serial No. 383,791; Nov. 17. Class 2.
Washington Wholesale Liquor Corporation, Washington, D. C. Whiskey. Serial Nos. 383,967–8; Nov. 17. Class 49.
Wayne Oil Burner Corporation, Fort Wayne, Ind. Oil burners. Serial No. 375,280; Nov. 17. Class 34.
Weinberg, Abe, doing business as Maiden Fair Co., Allentown, Pa. Underwear. Serial No. 383,112; Nov. 17. Class 39.
White Swan Uniforms, Inc., New York, N. Y. Nurses' uniforms, house dresses, etc. Serial No. 383,421; Nov. 17. Class 39.
Whittemore Bros. Corp., Cambridge, Mass. Compositions for cleaning, dressing, and polishing sheet materials. Serial No. 383,339; Nov. 17. Class 4.
Wile, Julius, Sons & Co., Inc., New York, N. Y. Sherry. Serial No. 378,105; Nov. 17. Class 47.
Willheim, William, Company, Inc., New York, N. Y. Silk, cotton, and rayon piece goods, and combinations thereof. Serial Nos. 382,496–7; Nov. 17. Class 42.
Willheim, William, Company, Inc., New York, N. Y. Silk, cotton, and rayon piece goods. Serial Nos. 382,500–01; Nov. 17. Class 42.
Willheim, William, Company, Inc., New York, N. Y. Silk, cotton, and rayon piece goods, and combinations thereof. Serial No. 382,691; Nov. 17. Class 42.
Willheim, William, Company, Inc., New York, N. Y. Silk, cotton, and rayon piece goods, and combinations thereof. Serial No. 382,693; Nov. 17. Class 42.
Willheim, William, Company, Inc., New York, N. Y. Silk, cotton, and rayon piece goods, and combinations thereof. Serial No. 382,695; Nov. 17. Class 42.
Wyeth, John, & Brother, Incorporated, Philadelphia, Pa. Palatable emulsoid of aluminum hydroxide in distilled water. Serial No. 383,695; Nov. 17. Class 6.

LIST OF REGISTRANTS OF TRADE-MARKS

A. P. W. Paper Company, Inc., Albany, N. Y. Toilet Tissue. 340,570; Nov. 17; Serial No. 377,090; published Sept. 8, 1936. Class 37.
Adler, Harry, New York, N. Y. Women's coats. 340,571; Nov. 17; Serial No. 371,396; published Sept. 8, 1936. Class 39.
Agfa Ansco Corporation, Binghamton, N. Y. Photographic chemicals. 340,572; Nov. 17; Serial No. 380,854; published Sept. 8, 1936. Class 6.
Alkadent Company. (See Rabinow, Harry L.)
American Research Products, Inc., Minneapolis, Minn. Medicinal preparation. 340,573–4; Nov. 17; Serial Nos. 380,939–40; published Sept. 8, 1936. Class 6.
American Thermos Bottle Company, The, Norwich, Conn. Vacuum bottles. 340,575; Nov. 17; Serial No. 381,472; published Sept. 8, 1936. Class 2.
American Thermos Bottle Company, Portland, Maine, and New York, N. Y., assignor by mesne assignments to The American Thermos Bottle Company, Norwich, Conn. Vacuum-walled vessels for temperature retention. 112,982; renewed Oct. 10, 1936.
Ansbacher Siegle Corporation, Brooklyn, N. Y. Agricultural, insecticidal, and fungicidal material. 340,576; Nov. 17; Serial No. 376,326; published Sept. 8, 1936. Class 6.
Aquilla, Inc., New York, N. Y. Misses' and ladies' underwear, etc. 340,577; Nov. 17; Serial No. 377,092; published Sept. 8, 1936. Class 39.
Arakelian, K., Inc., Madera, Calif., and New York, N. Y. Port. 340,758; Nov. 17. Class 47.
Arakelian, K., Inc., Madera, Calif., and New York, N. Y. Sauterne. 340,759; Nov. 17. Class 47.
Artcraft Silk Hosiery Mills, Inc., Philadelphia, Pa. Women's hosiery. 340,578; Nov. 17; Serial No. 367,486; published Dec. 10, 1935. Class 39.
Associated Laboratories, Inc. (See Bair, John M., assignor.)
Awn-X Co. (See Mitcheson, Ernest J.)
Bair, John M., doing business as The Kelpamalt Co., assignor to Associated Laboratories, Inc., New York, N. Y. Preparation for supplying organic sea minerals in readily assimilable form. 340,579–80; Nov. 17; Serial Nos. 380,744–5; published Sept. 8, 1936. Class 6.
Barbour, Dorothy B., Boston, Mass. Knitting and textile yarns and threads. 340,581; Nov. 17; Serial No. 378,355; published Sept. 8, 1936. Class 43.
Baroni, Paul J., Hancock, Mich. Spaghetti sauce. 340,765; Nov. 17. Class 46.

Barton, William I., Camden, N. J. Game. 340,582; Nov. 17; Serial No. 380,902; published Sept. 8, 1936. Class 22.

Beamon, A. R., doing business as Nutritional Aids Co., Los Angeles, Calif. Medicines for humans, dogs, etc. 340,583; Nov. 17; Serial No. 379,166; published Sept. 1, 1936. Class 6.

Belenky, Harry, New York, N. Y. Watches. 340,769; Nov. 17. Class 27.

Benziger Brothers, New York, N. Y. Books and circulars. 115,432; renewed Feb. 13, 1937.

Bethlehem Steel Company, Bethlehem, Pa. Cold-reduced tin plate. 340,584; Nov. 17; Serial No. 381,551; published Sept. 8, 1936. Class 14.

Blue Book Publishing Company, Miami, Fla. Social register. 340,585; Nov. 17; Serial No. 378,421; published Sept. 8, 1936. Class 38.

Böhme Fettchemie-Gesellschaft mit beschrankter Haftung, Chemnitz, Germany. Soaps, soap preparations, abrasive preparations, etc. 340,586; Nov. 17; Serial No. 376,522; published Sept. 1, 1936. Class 4.

Bordman Co., The, Philadelphia, Pa. Insecticides. 340,587; Nov. 17; Serial No. 379,184; published Sept. 1, 1936. Class 6.

Boricua Medicine Company. (See Cajigas, Antonio.)

Bourjois, Inc., New York, N. Y. Perfume, toilet water, eau de cologne, etc. 340,588–90; Nov. 17; Serial Nos. 380,612–14; published Sept. 8, 1936. Class 6.

Bourjois, Inc., New York, N. Y. Face powder and dusting powder. 340,592; Nov. 17; Serial No. 380,616; published Sept. 8, 1936. Class 6.

Bourjois, Inc., New York, N. Y. Face powder. 340,591; Nov. 17; Serial No. 380,615; published Sept. 8, 1936 Class 6.

Bourjois, Inc., New York, N. Y. Perfume, toilet water, eau de cologne, etc. 340,593; Nov. 17; Serial No. 380,617; published Sept. 8, 1936. Class 6.

Bourjois, Inc., New York, N. Y. Perfume, toilet water, talcum powder, etc. 340,594; Nov. 17; Serial No. 380,618; published Sept. 8, 1936. Class 6.

Bourjois, Inc., New York, N. Y. Perfume, toilet water, eau de cologne, etc. 340,595; Nov. 17; Serial No. 380,752; published Sept. 8, 1936. Class 6.

Breon, George A., & Company, Incorporated, Kansas City, Mo. Medicinal preparations for the treatment of burns. 340,596; Nov. 17; Serial No. 380,032; published Aug. 25, 1936. Class 6.

Breon, George A., & Company, Incorporated, Kansas City, Mo. Medicinal preparation for the treatment of wounds. 340,597; Nov. 17; Serial No. 380,033; published Aug. 25, 1936. Class 6.

Breskin & Charlton Publishing Corporation, New York, N. Y. Publication. 340,598; Nov. 17; Serial No. 380,186; published Sept. 8, 1936. Class 38.

Brock, Riley T., St. Louis, Mo. Liniment. 340,601; Nov. 17; Serial No. 379,667; published Sept. 1, 1936. Class 6.

Bruce, John M., New York, N. Y. Refrigerating cabinets. 340,599; Nov. 17; Serial No. 381,526; published Sept. 8, 1936. Class 31.

Burman, Carl M., New York, N. Y. Reducing bands. 340,600; Nov. 17; Serial No. 378,479; published Sept. 8, 1936. Class 44.

Butterfield, Fred, & Co., Inc., New York, N. Y. Fabrics in the piece. 340,768; Nov. 17. Class 42.

Cajigas, Antonia, doing business as Boricua Medicine Company, New York, N. Y. Bay rum. 340,602; Nov. 17; Serial No. 378,736; published Sept. 1, 1936. Class 6.

California Dental Supply Co., Los Angeles, Calif. Antiseptic and deodorant. 340,603; Nov. 17; Serial No. 380,754; published Sept. 8, 1936. Class 6.

Campbell, John, & Co., New York, N. Y. Chemicals, dyestuffs, and oils used in dyeing, bleaching, etc. 115,839; renewed Mar. 13, 1937.

Campbell, John, & Co., New York, N. Y. Chemicals, dyestuffs, and oils used in dyeing, bleaching, etc. 115,843; renewed Mar. 13, 1937.

Cannon, Dana A., doing business as D. A. Cannon & Co., North Sacramento, Calif. Cellular earthenware bodies adapted to be saturated with water and placed in air currents for the purpose of cooling and humidifying the air. 340,604; Nov. 17; Serial No. 368,837; published Sept. 8, 1936. Class 30.

Carbide and Carbon Chemicals Corporation, New York, N. Y. Anti-freeze compounds. 340,605; Nov. 17; Serial No. 377,495; published June 23, 1936. Class 6.

Carol Pharmaceutical Company, New Brunswick, N. J. Preparation for the treatment of indigestion, flatulence, etc. 340,606; Nov. 17; Serial No. 380,470; published Sept. 1, 1936. Class 6.

Castleberry Food Co., Inc., August, Ga. Liver and other canned hash, and peanut butter. 340,607; Nov. 17; Serial No. 363,155; published Sept. 8, 1936. Class 46.

Celanese Corporation of America, New York, N. Y. Piece goods. 340,770; Nov. 17. Class 42.

Celluloid Corporation, Newark, N. J. Box covers, display boxes, containers, and fronts for containers. 340,608; Nov. 17; Serial No. 380,341; published Sept. 8, 1936. Class 2.

Celluloid Corporation, Newark, N. J. Yarns. 340,609; Nov. 17; Serial No. 380,695; published Sept. 8, 1936. Class 43.

Central States Department Stores, Inc., Chicago, Ill. Shirts. 340,610; Nov. 17; Serial No. 379,504; published Sept. 8, 1936. Class 39.

Chapman, Frank, assignor to The M. W. Dunton Company, Providence, R. I. Preparation to stop leaks in automobile-radiators. 113,489; renewed Oct. 17, 1936.

Charnay & Karp, Inc., New York, N. Y. Misses' and juniors' coats and suits. 340,611; Nov. 17; Serial No. 380,187; published Sept. 1, 1936. Class 39.

Chase & Company, Jacksonville, to Chase & Company, Sanford, Fla. Fresh fruits and vegetables. 114,433; renewed Dec. 19, 1936.

Chemical Foundation, Incorporated, The. (See Eberle, Dr. G., & Cie., assignor.)

Chicago Hydraulic Oil Co., Chicago, Ill. Brake fluid. 340,612; Nov. 17; Serial No. 380,034; published Sept. 8, 1936. Class 6.

Chicago Pharmacal Co., Chicago, Ill. Medicine for piles. 340,613; Nov. 17; Serial No. 379,032; published Sept. 1, 1936. Class 6.

Child Craft Guild, Inc. (See Wadsworth, Chester J., assignor.)

Coffey Distilling Company, Incorporated, Fisherville and Louisville, Ky. Whiskey. 340,614; Nov. 17; Serial No. 379,672; published Sept. 8, 1936. Class 49.

Coffey Distilling Company, Incorporated, Fisherville and Louisville, Ky. Whiskey. 340,615; Nov. 17; Serial No. 379,677; published Sept. 8, 1936. Class 49.

Colonial Manufacturing Company, Zeeland, Mich. Clocks. 340,616; Nov. 17; Serial No. 378,739; published Sept. 8, 1936. Class 27.

Colson Corporation, The, Elyria, Ohio. Children's vehicles. 340,617; Nov. 17; Serial No. 379,550; published Sept. 8, 1936. Class 22.

Conde Nast Publications, Inc., The, New York, N. Y. Publication. 340,618; Nov. 17; Serial No. 379,580; published Sept. 8, 1936. Class 38.

Copper Protected Roofing Company, Inc., Orlando, Fla. Metal surface sheathing. 340,619; Nov. 17; Serial No. 380,471; published Sept. 1, 1936. Class 12.

Crawford, McGregor and Canby Company, The, Dayton, Ohio. Golf balls. 340,559; Nov. 17; Serial No. 374,286; published Sept. 8, 1936. Class 22.

Crown Hosiery Mills, High Point, N. C. Hosiery. 340,620; Nov. 17; Serial No. 358,629; published Apr. 2, 1935. Class 39.

Dell Publishing Company, Inc., New York, N. Y. Periodicals. 340,621; Nov. 17; Serial No. 380,702; published Sept. 8, 1936. Class 38.

Derby Oil Company, Wichita, Kans. Measuring pumps. 340,622; Nov. 17; Serial No. 375,378; published May 26, 1936. Class 26.

Deshell, Chanon A., Los Angeles, Calif. Preparation for the treatment of constipation. 340,623; Nov. 17; Serial No. 377,673; published Sept. 1, 1936. Class 6.

Detroit Paper Products Corporation, Detroit, Mich. Machinable, waterproofed, homogeneous composite pressed paper product. 340,624; Nov. 17; Serial No. 377,265; published Sept. 8, 1936. Class 12.

Diamond Power Specialty Company, assignor, by mesne assignments, to Diamond Power Specialty Corporation, Detroit, Mich. Appliances for cleaning boilers. 113,950; renewed Nov. 14, 1936.

D'Or Studios, Inc., The, Akron and Barberton, Ohio. Statuettes plaques, and bric-a-brac. 340,761; Nov. 17. Class 50.

Dumas, Dimitri, New York, N. Y. Astringents, astringent cerates, beauty creams, etc. 340,627; Nov. 17; Serial No. 379,832; published Aug. 25, 1936. Class 6.

Dunton, M. W., Company, The. (See Chapman, Frank, assignor.)

Duofold Health Underwear Company, by change of name to Duofold Inc., Mohawk, N. Y. Knitted underwear. 115,317; renewed Feb. 6, 1937.

Dwinell-Wright Company, Boston, Mass. Coffee and tea. 340,625–6; Nov. 17; Serial Nos. 380,502–3; published Sept. 8, 1936. Class 46.

Eagle Clothes, New York, N. Y. Summer suits. 340,628; Nov. 17; Serial No. 381,265; published Sept. 8, 1936. Class 39.

Eberle, Dr. G., & Cie., Stuttgart, Germany, assignor, by mesne assignments, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Tanning substances. 114,340; renewed Dec. 12, 1936.

Eklund, C. F., Pasadena, Calif. Medicinal preparation. 340,629; Nov. 17; Serial No. 380,704; published Sept. 8, 1936. Class 6.

Elcaya Co., Inc., The, New York, N. Y. Toilet cream. 115,744; renewed Mar. 6, 1937.

Ellis Laboratories, Inc., doing business as Ellis Laboratories, Chicago, Ill. Preparation for the treatment of corns, callouses, etc. 340,630; Nov. 17; Serial No. 379,886; published Aug. 25, 1936. Class 6.

Erolen Limited, London, England. Ointment and liniments. 340,631; Nov. 17; Serial No. 380,706; published Sept. 8, 1936. Class 6.

Etablissements Pastival, Société à Responsabilité Limitée, Paris, France. Preparation used in the treatment of gout, rheumatism, etc. 340,632; Nov. 17; Serial No. 380,138; published Aug. 25, 1936. Class 6.

Etablissements Pastival, Société à Responsabilité Limitée, Paris, France. Preparation for the treatment of arthritis, diseases of the circulation, nervous diseases. 340,633; Nov. 17; Serial No. 380,139; published Sept. 8, 1936. Class 6.

Etablissements Pastival, Société à Responsabilité Limitée, Paris, France. Tonic and stimulant. 340,634; Nov. 17; Serial No. 380,140; published Aug. 25, 1936. Class 6.

Etablissements Pastival, Société à Responsabilité Limitée, Paris, France. Preparation for the treatment of the specific maladies of women. 340,635; Nov. 17; Serial No. 380,141; published Sept. 8, 1936. Class 6.

Everett and Barron Company, Providence, R. I. Shoe dressings. 340,766; Nov. 17. Class 4.

Everlastik, Incorporated, Chelsea, Mass. Ankle protectors. 340,636; Nov. 17; Serial No. 379,695; published Sept. 8, 1936. Class 39.

F-C-G Importers, Inc., New York, N. Y. Gin. 340,547; Nov. 17; Serial No. 366,411; published Sept. 8, 1936. Class 49.

Fireline Stove & Furnace Lining Co. (See Plibrico Jointless Firebrick Company.)

Fisher, Percy E., (1928) Limited, Basingstoke, England. Leather. 340,637; Nov. 17; Serial No. 379,555; published Sept. 8, 1936. Class 1.

For Me, Incorporated, Chicago, Ill. Magazine. 340,638; Nov. 17; Serial No. 377,654; published Sept. 8, 1936. Class 38.

Frankfort Distilleries, Incorporated. (See Weideman Co., The, assignor.)

Frankfort Distilleries, Incorporated, Louisville, Ky. Gin. 340,546; Nov. 17; Serial No. 365,878; published July 23, 1935. Class 49.

Frankfort Distilleries, Incorporated, Louisville, Ky. Whiskey. 340,639; Nov. 17; Serial No. 360,530; published Apr. 16, 1936. Class 49.

Franklin, Hollis. (See Freeman, Frank H.)

Freed Manufacturing Company, Inc., New York, N. Y. Radio broadcast receiving sets. 340,640; Nov. 17; Serial No. 381,071; published Sept. 8, 1936. Class 21.

Freedman, Samuel, Corporation, Cincinnati, Ohio, assignor to Kolmar, Inc., The. Whiskey, gin, rum, etc. 340,641; Nov. 17; Serial No. 355,256; published Sept. 25, 1934. Class 49.

Freeman, Frank H., doing business as Hollis Franklin, Pittsburgh, Pa. Nail polish, nail white, cuticle remover, etc. 340,642; Nov. 17; Serial No. 376,991; published Sept. 1, 1936. Class 6.

Freshenol Co., The. (See Rowe, Frederic I.)

Fruit Cosmetics, Inc., Coral Gables, Fla. Face lotion. 340,643; Nov. 17; Serial No. 380,559; published Sept. 8, 1936. Class 6.

G. T. & G. Co. (See Starkstein, Morris.)

Gamble Stores Incorporated, Minneapolis, Minn. All purpose cream, after shaving lotion, hair tonic, etc. 340,644; Nov. 17; Serial No. 379,958; published Aug. 25, 1936. Class 6.

Gegelein, Harvey H., doing business as Ioderm Laboratory, Painesville, Ohio. Liniment. 340,645; Nov. 17; Serial No. 378,989; published Sept. 1, 1936. Class 6.

General Tobacco and Grocery Company. (See Starkstein, Morris.)

Gibson-Homans Company, The, Cleveland, Ohio. Caulking compound. 340,763; Nov. 17. Class 12.

Gibson, Thomas R., Springfield, Mo. Medical tablets. 113,723; renewed Oct. 31, 1936.

Glidden Company, The, Cleveland, Ohio. Ready mixed paints, lacquers, and paint enamels. 340,646; Nov. 17; Serial No. 380,102; published Sept. 8, 1936. Class 16.

Gonzalez, Eduardo R., Inc., San Juan, P. R. Rum. 340,647; Nov. 17; Serial No. 381,073; published Sept. 8, 1936. Class 49.

Grau, Primitivo, Mayaguez, P. R. Rum. 340,648; Nov. 17; Serial No. 379,591; published Sept. 8, 1936. Class 49.

Greenfield's E., Sons, Inc. (See Repetti.)

Gretsch, Fred., Manufacturing Co., The, Brooklyn, N. Y. Harmonicas, saxaphones, clarinets, etc. 340,649; Nov. 17; Serial No. 381,100; published Sept. 8, 1936. Class 36.

Gretsch, Fred., Manufacturing Co., The, Brooklyn, N. Y. Harmonicas, drums, cornets, etc. 340,650; Nov. 17; Serial No. 381,102; published Sept. 8, 1936. Class 36.

Gulf States Steel Co., Birmingham, Ala. Sheet metal roofing. 340,567; Nov. 17; Serial No. 379,426; published Sept. 8, 1936. Class 12.

Gymnex Company, The, Washington, D. C. Pharmaceutical preparation for the treatment of athlete's foot. 340,651; Nov. 17; Serial No. 381,529; published Sept. 8, 1936. Class 6.

Haas, Adolph R., Inc., Chicago, Ill. Dresses. 340,652; Nov. 17; Serial No. 380,833; published Sept. 8, 1936. Class 39.

Hallock-Denton Co., Newark, N. J. Flavoring extracts for foods. 113,728–9; renewed Oct. 31, 1936.

Halperin, A. E., Co., Inc., doing business as Uniplast Surgical Dressing Co., Boston, Mass. Bandages, adhesive plaster, and surgical dressings. 340,653; Nov. 17; Serial No. 380,990; published Sept. 8, 1936. Class 44.

Hamersley Manufacturing Company, The, Garfield, N. J. Greaseproof paper. 340,654; Nov. 17; Serial No. 377,114; published Sept. 8, 1936. Class 37.

Hess, Charles H., Company, The, assignor, by mesne assignments, to The Tri-State Butter Company, Cincinnati, Ohio. Butter. 114,352; renewed Dec. 12, 1936.

Hibbard, Inc., New York, N. Y. Plain hammocks. 340,655; Nov. 17; Serial No. 380,201; published Sept. 8, 1936. Class 22.

Hoffmann-La Roche, Inc., Nutley, N. J. Medicinal preparation. 340,656; Nov. 17; Serial No. 380,769; published Sept. 8, 1936. Class 6.

Hooper, Wm. E., & Sons Company, Baltimore, Md. Cotton duck. 114,476; renewed Dec. 19, 1936.

Hot Food Chemical Company, Birmingham, Ala. Insecticides. 340,657; Nov. 17; Serial No. 380,513; published Sept. 8, 1936. Class 6.

Hovden Food Products Corporation, Monterey, Calif. Canned fish and canned fruits. 340,762; Nov. 17. Class 46.

Humko Co., The, doing business as Tri-State Refining Co., Memphis, Tenn. Shortening. 340,658; Nov. 17; Serial No. 380,638; published Sept. 8, 1936. Class 46.

Hunt, Wayne, doing business as Wayne Hunt Co., Minneapolis, Minn. Ammunition. 340,558; Nov. 17; Serial No. 374,188; published Sept. 8, 1936. Class 9.

Huesmann-Ligonier Company, St. Louis, Mo. Refrigerated display cases for the preservation of foodstuffs. 340,549; Nov. 17; Serial No. 367,467; published Sept. 8, 1936. Class 31.

Ideal Coated Paper Co., assignor to McLaurin-Jones Co., Brookfield, Mass. Gummed paper tape. 113,255; renewed Oct. 10, 1936.

Indiana Truck Company, Marion, Ind., assignor, by mesne assignments to Indiana Motors Corporation, Cleveland, Ohio. Motor-trucks. 113,386; renewed Oct. 17, 1936.

Insulite Company, The, Minneapolis, Minn. Rock wool heat insulation. 340,767; Nov. 17. Class 12.

International Milling Company. (See New Prague Flouring Mill Company, assignor.)

Ioderm Laboratory. (See Gegelein, Harvey H.)

Ivey, J. B., & Company, Charlotte, N. C. Hosiery. 340,659; Nov. 17; Serial No. 381,207; published Sept. 8, 1936. Class 39.

Jackson, Ernest S., Detroit, Mich. Spinning tops. 340,660; Nov. 17; Serial No. 381,208; published Sept. 8, 1936. Class 22.

Jacobson, F., & Sons, New York, N. Y. Collars, cuffs, shirts, etc. 340,661; Nov. 17; Serial No. 380,515; published Sept. 1, 1936. Class 39.

Jadwiga Remedies, Inc., Brooklyn, N. Y. Vegetable compound used as an antispamodic sedative. 340,662; Nov. 17; Serial No. 380,834; published Sept. 8, 1936. Class 6.

Jayne, Dr. D., & Son, Inc., Philadelphia, Pa. Preparations for the treatment of acidosis, anemia, etc. 340,663; Nov. 17; Serial No. 378,523; published Aug. 25, 1936. Class 6.

Johns-Manville Corporation, New York, N. Y. Plastic bituminous coating. 340,664; Nov. 17; Serial No. 380,004; published Sept. 8, 1936. Class 12.

Johns-Manville Corporation, New York, N. Y. Thermal insulating material. 340,665; Nov. 17; Serial No. 380,005; published Sept. 8, 1936. Class 12.

Johns-Manville Corporation, New York, N. Y. Friction binder for thermal insulation. 340,666; Nov. 17; Serial No. 380,006; published Sept. 8, 1936. Class 12.

Jordon, S. E., Cincinnati, Ohio. Hair oil and a preparation for treating the scalp. 340,667; Nov. 17; Serial No. 380,951; published Sept. 8, 1936. Class 6.

Kalt-Leim-Fabrik O. Messmer, to Adolf Padrutt, Kaltleimfabrik Certus Basle, Basel, Switzerland, successor. Glue. 114,803; renewed Jan. 2, 1937.

Kay-Brunner Steel Products Inc., Alhambra, Calif. Machines for forming, grading, ripping, and otherwise working rods; hydraulic pumps, and hoists. 340,668; Nov. 17; Serial No. 377,741; published June 16, 1936. Class 23.

Kellogg Toasted Corn Flake Co., assignor to Kellogg Company, Battle Creek, Mich. Beverages made partly or wholly of cereals. 114,248; renewed Dec. 5, 1936.

Kellogg Toasted Corn Flake Co., assignor to Kellogg Company, Battle Creek, Mich. Candies and confections. 115,348; renewed Feb. 6, 1937.

Kellogg Toasted Corn Flake Company, assignor to Kellogg Company, Battle Creek, Mich. Soda mints. 115,622; renewed Feb. 27, 1937.

Kelpamalt Co., The. (See Bair, John M.)

Kendall, Dr. B. J., Company, Enosburg Falls, Vt. Liniment. 113,986; renewed Nov. 14, 1936.

Kennedy, David E., Inc., New York, to David E. Kennedy Inc., Brooklyn, N. Y. Nailing-base for floor and roof construction. 114,492; renewed Dec. 19, 1936.

King Features Syndicate, Inc., New York, N. Y. Cartoons. 340,669; Nov. 17; Serial No. 380,771; published Sept. 8, 1936. Class 38.

Klepinger, Raymon O., doing business as Syntha-Milk Laboratories, Ingomar, Ohio. Preparation used as a foundation for stock feeds, dairy rations, pig feed, etc. 340,553; Nov. 17; Serial No. 372,916; published Sept. 8, 1936. Class 46.

Kolmar, Inc. (See Freedman, Samuel, Corporation, The, assignor.)

Kreis, Elmer, & Co., Chicago, Ill. Raincoats. 340,670; Nov. 17; Serial No. 280,518; published Sept. 1, 1936. Class 39.

Kress, S. H., and Company, New York, N. Y. Tooth brushes. 340 671–3; Nov. 17; Serial Nos. 380,772–4; published Sept. 8, 1936. Class 29.

Kuklin, Harry S., doing business as The Visionaire Company, New York, N. Y. Dental mirrors. 340,565; Nov. 17; Serial No. 379,381; published Sept. 8, 1936. Class 44.

Laclede-Christy Clay Products Company, St. Louis, Mo. Cement used in masonry. 340,674; Nov. 17; Serial No. 379,891; published Sept. 8, 1936. Class 12.

Lamm, Berthold, Baltimore, Md. Jackets, vests, coats, and pants. 340,568; Nov. 17; Serial No. 379,434; published Sept. 1, 1936. Class 39.

Landenberger, J. W., & Co., Philadelphia, Pa. Hosiery. 340,675; Nov. 17; Serial No. 381,035; published Sept. 8, 1936. Class 39.

Lansinger, J. M., and Bensel Smythe, Hollywood, Calif. Periodical. 340,676; Nov. 17; Serial No. 380,775; published Sept. 8, 1936. Class 38.

Leader Blue Co. (See Martin, Frieda.)

Lefcort Hosiery Company, Inc., New York, N. Y. Hosiery. 340,677; Nov. 17; Serial No. 380,837; published Sept. 8, 1936. Class 39.

Lilly, Eli, and Company, Indianapolis, Ind. Concentrate containing vitamin B. 340,678; Nov. 17; Serial No. 380,874; published Sept. 8, 1936. Class 6.

Ludwig, Samuel, Philadelphia, Pa. Underwear and children's and infants' wear. 340,679; Nov. 17; Serial No. 380,354; published Sept. 8, 1936. Class 39.

Lumbermens Merchandising Corporation, Philadelphia, Pa., Lumber and millwork. 340,680; Nov. 17; Serial No. 381,038; published Sept. 8, 1936. Class 12.

Magazine Publishers, Inc., New York, N. Y. Magazine. 340,563; Nov. 17; Serial No. 379,347; published Sept. 8, 1936. Class 38.

Mallinson, Geo. E., Importing Co., Inc., New York, N. Y. Rubber mats to prevent the slipping of rugs, etc. 340,681; Nov. 17; Serial No. 370,809; published Sept. 8, 1936. Class 50.

Many, Blanc & Co., Inc., Chicago, Ill. Gin, whiskey, rum, etc. 340,550; Nov. 17; Serial No. 369,365; published Oct. 22, 1935. Class 49.

Manzler, Clarence H., doing business as Clarence Manzler Company, Rochester, N. Y. Card game. 340,682; Nov. 17; Serial No. 381,463; published Sept. 8, 1936. Class 22.

Margo Dairy Products Company. (See Martin, William M.)

Martin, Frieda, doing business as Leader Blue Co., College Point, Long Island, N. Y. Laundry bluing. 340,683; Nov. 17; Serial No. 378,728; published Sept. 1, 1936. Class 6.

Martin, William M., doing business as Margo Dairy Products Company, East Orange, N. J. Eggs. 340,684; Nov. 17; Serial No. 375,534; published Sept. 8, 1936. Class 46.

McAteer, James A., & Sons, Inc., assignor by mesne assignments to R. C. McAteer Company, Pittsburgh, Pa. Confectioners' powdered sugar. 115,979; renewed Mar. 27, 1937.

McCoy, James, Company, The, Peoria, Ill. Foods. 113,756; renewed Oct. 31, 1936.

McLaurin-Jones Co. (See Ideal Coated Paper Co., assignor.)

Merriman, William V., doing business as Time Hosiery Company, Glencoe, Ill. Hosiery. 340,685; Nov. 17; Serial No. 376,294; published May 26, 1936. Class 39.

Miars, Marion H., Detroit, Mich. Toothpicks. 340,686; Nov. 17; Serial No. 377,517; published Sept. 8, 1936. Class 44.

Miller, Frances T., Inc., New York, N. Y. Rugs. 340,757; Nov. 17. Class 42.

Minneapolis Knitting Works, Minneapolis, Minn. Children's underwear. 340,687; Nov. 17; Serial No. 379,848; published Sept. 8, 1936. Class 39.

Mitcheson, Ernest J., doing business as Awn-X Co., Detroit, Mich. Awning cloth fasteners. 340,688; Nov. 17; Serial No. 380,067; published Sept. 8, 1936. Class 13.

Modern Tissues Corp., New York, N. Y. Facial tissue. 340,561; Nov. 17; Serial No. 379,254; published Sept. 8, 1936. Class 37.

Mystic Laboratories, Inc., Wilmington, Del. Cosmetic and toilet preparations. 340,689; Nov. 17; Serial No. 379,756; published Aug. 25, 1936. Class 6.

Nascon Service, Inc., New York, N. Y. Memorandum books, calendar books, and photograph albums. 340,554; Nov. 17; Serial No. 373,400; published Sept. 8, 1936. Class 37.

National Cloak & Suit Co., Central Valley and New York, N. Y., assignor to National Bellas Hess, Inc., Kansas City, Mo. Pamphlets, catalogues, and magazines. 113,117; renewed Oct. 10, 1936.

National Symphony Orchestra Association of Washington, D. C., Washington, D. C. Musical programs. 340,566; Nov. 17; Serial No. 379,387; published Sept. 8, 1936. Class 38.

New England Alcohol Company, Everett, Mass. Anti-freeze compositions. 340,690; Nov. 17; Serial No. 377,642; published Aug. 25, 1936. Class 6.

New Prague Flouring Mill Company, New Prague, assignor to International Milling Company, Minneapolis, Minn. Wheat-flour. 115,214; renewed Jan. 30, 1937.

Northam Warren Corporation, New York, N. Y. Soap. 340,691; Nov. 17; Serial No. 379,563; published Sept. 1, 1936. Class 4.

Norton Lasier Company, Chicago, Ill. Door check and door closer coil springs. 340,692; Nov. 17; Serial No. 374,935; published Sept. 8, 1936. Class 13.

Nutex Company, The, Philadelphia, Pa. Prophylactic rubber articles. 340,760; Nov. 17. Class 44.

Nutritional Aids Co. (See Beamon, A. R.)

Odora Company, Inc., New York, N. Y. Deodorizer, insect repellent, and insect sprays. 340,693; Nov. 17; Serial No. 381,002; published Sept. 8, 1936. Class 6.

Ogilvie Sisters Laboratories, Inc., New York, N. Y. Hair tonic. 340,562; Nov. 17; Serial No. 379,310; published Sept. 1, 1936. Class 6.

Otis Elevator Company, Jersey City, N. J., and New York, N. Y., to Otis Elevator Company, New York, N. Y. Elevators. 116,080; renewed Apr. 3, 1937.

Pacific Coast Brands Ltd., San Francisco, Calif. Wines. 340,552; Nov. 17; Serial No. 372,528; published Sept. 8, 1936. Class 47.

Padrutt, Adolf, Kaltleimfabrik Certus Basel. (See Kaltleim-Fabrik O. Messmer.)

Park, Benziger & Co., Inc., New York, N. Y. Rum. 340,548; Nov. 17; Serial No. 367,406; published Sept. 8, 1936. Class 49.

Paterson Parchment Paper Company, Bristol, Pa. Kraft paper. 340,694–5; Nov. 17; Serial No. 380,879–80; published Sept. 8, 1936. Class 37.

Pearson Brothers, London and Bournemouth, assignor to Pearson Brothers (G. & H.) Limited, London, England. Waterproof clothing. 114,654; renewed Dec. 26, 1936.

Pennsylvania Rubber Company of America, Inc., Jeanette, Pa. Shuttlecocks. 340,697; Nov. 17; Serial No. 381,043; published Sept. 8, 1936.

Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Dry alkaline detergent. 340,696; Nov. 17; Serial No. 380,527; published Sept. 1, 1936. Class 4.

Petersen & Snedden Packing Company, Sanger, Calif. Fresh fruit. 340,698; Nov. 17; Serial No. 380,123; published Sept. 8, 1936. Class 46.

Petrie's Inc., New York, N. Y. Coats for women and misses. 340,557; Nov. 17; Serial No. 373,838; published Sept. 8, 1936. Class 39.

Philadelphia Quartz Company, Philadelphia, Pa. Silicate of soda. 340,699; Nov. 17; Serial No. 379,890; published Aug. 25, 1936. Class 6.

Phillips & Benjamin Company, The, Boston, Mass. Adhesive for false teeth. 340,700; Nov. 17; Serial No. 379,711; published Aug. 25, 1936. Class 6.

Plibrico Jointless Firebrick Company, doing business as Fireline Stove & Furnace Lining Co., Chicago, Ill. Asbestos furnace and retort cement. 340,701; Nov. 17; Serial No. 379,762; published Aug. 25, 1936.

Poole, R. E., Chemical Co., Harlan, Iowa. Antifreeze solution for automobiles. 340,544; Nov. 17; Serial No. 364,971; published Aug 6, 1935. Class 6.

Postex Cotton Mills, Post, Tex. Cotton piece goods, pillow cases, and sheets. 115,865; renewed Mar. 13, 1937.

Prince de Chany, Inc. (See Vimay-Chany, Inc.)

Procter & Gamble Company, The, Cincinnati, Ohio. Stearic acid. 340,702; Nov. 17; Serial No. 380,224; published Aug. 25, 1936. Class 6.

Procter & Gamble Company, The, Cincinnati, Ohio. Soap. 340,703; Nov. 17; Serial No. 380,793; published Sept. 1, 1936. Class 4.

Proctoid Laboratories, Incorporated, New York, N. Y. Suppositories for hemorrhoids. 340,704; Nov. 17; Serial No. 378,451; published Sept. 1, 1936. Class 6.

Pure Oil Company, Philadelphia, Pa., assignor to The Pure Oil Company, Chicago, Ill. Lubricating-oils. 114,113; renewed Nov. 28, 1936.

Quaker Chemical Products Corp., Conshohocken, Pa. Chemical preparation of salts, pigments, etc. 340,705; Nov. 17; Serial No. 380,067; published Sept. 8, 1936. Class 6.

Quarles, Ida P., doing business as Mrs. Pearl Quarles, Akron, Ohio. Preparation for the treatment of arthritis and rheumatism. 340,564; Nov. 17; Serial No. 379,352; published Aug. 25, 1936. Class 6.

RCA Manufacturing Company, Inc., Camden, N. J. Cathode ray tubes and thermionic tubes. 340,707; Nov. 17; Serial No. 380,124; published Sept. 8, 1936. Class 21.

Rabinow, Harry L., doing business as Alkadent Company, Long Island City, N. Y. Denture cleansing powder. 340,706; Nov. 17; Serial No. 358,386; published May 7, 1935. Class 4.

Reeves, Ralph J., doing business as Reeves Medicine Company, Birmingham, Ala. Medical preparation. 340,708; Nov. 17; Serial No. 381,084; published Sept. 8, 1936. Class 6.

Reis, Robert, & Company, New York, N. Y. Knitted or woven underwear shirts, underwear shorts, hosiery, etc. 340,709; Nov. 17; Serial No. 363,639; published July 9, 1935. Class 39.

Repetti to E. Greenfield's Sons, Inc., New York, N. Y., successor. Chocolates, caramels, hard candy of all kinds, and liquid caramel. 113,796; renewed Oct. 31, 1936.

Rochester Specialty Mfg. Company. (See Schoolcraft, Zeno.)

Rock-Ola Manufacturing Corporation, Chicago, Ill. Coin controlled amusement apparatus. 340,710; Nov. 17; Serial No. 380,846; published Sept. 8, 1936. Class 22.

Roma Wine Company, Inc., New York, N. Y., and Lodi, Calif. Brandy. 340,711; Nov. 17; Serial No. 381,640; published Sept. 8, 1936. Class 49.

Rome Importing Company, New York, N. Y. Salad-oil pressed from cotton-seed. 113,294; renewed Oct. 10, 1936.

Rome Importing Company, New York, N. Y. Olive-oil. 113,295; renewed Oct. 10, 1936.

Rowe, Frederic I., doing business as The Freshenol Co., Summit, N. J. Deodorant. 340,712; Nov. 17; Serial No. 380,021; published Sept. 8, 1936. Class 6.

Sagner, A., & Sons, Inc., Baltimore, Md. Men's clothing. 340,713; Nov. 17; Serial No. 380,529; published Sept. 1, 1936. Class 39.

Schoolcraft, Zeno, doing business as Rochester Specialty Mfg. Company, Rochester, Mich. Preparation for the treatment of colds, neuralgia, influenza, etc. 340,755; Nov. 17; Serial No. 378,239; published Sept. 8, 1936. Class 6.

Schrafft, W. F., & Sons Corporation, Boston, Mass. Nougat-bars and chocolate-covered candies. 114,185; renewed Dec. 5, 1936.

Schuylkill Silk Mills, by change of name to Vanity Fair Silk Mills, Reading, Pa. Clothing for adults and babies. 116,092; renewed Apr. 3, 1937.

Schuylkill Silk Mills, by change of name to Vanity Fair Silk Mills, Reading, Pa. Clothing for adults and babies. 116,161; renewed Apr. 10, 1937.

Searle, G. D., & Co., Chicago, Ill. Preparation for use in the treatment of hernia. 340,714; Nov. 17; Serial No. 376,106; published Aug. 25, 1936. Class 6.

Searle, G. D., & Co., Chicago, Ill. Antiseptic preparation for feminine hygiene. 340,715; Nov. 17; Serial No. 380,024; published Aug. 25, 1936. Class 6.

Sears, Roebuck and Co., Chicago, Ill. Bench lathes and accessories, face plates, lathe chucks, etc. 340,716; Nov. 17; Serial No. 374,603; published Sept. 8, 1936. Class 23.

Sears, Roebuck and Co., Chicago, Ill. Hosiery. 340,717; Nov. 17; Serial No. 379,713; published Sept. 1, 1936. Class 39.

Seeman Brothers, New York, N. Y. Canned goods. 340,718; Nov. 17; Serial No. 347,191; published Sept. 8, 1936. Class 46.

Sendecke, Joseph, doing business as Senn Laboratories, Chicago, Ill. Oil extracted from the wheat germ. 340,719; Nov. 17; Serial No. 362,274; published May 7, 1935. Class 6.

Senn Laboratories. (See Sendecke, Joseph.)

Sharp & Dohme, Incorporated, Philadelphia, Pa. Antiseptic and anthelmintic products. 340,720; Nov. 17; Serial No. 380,530; published Sept. 1, 1936. Class 6.

Shoe Press Corporation, Philadelphia, Pa. Stitching wax. 340,721; Nov. 17; Serial No. 379,774; published Aug. 25, 1936. Class 6.

Siegel Bros. Kiki Maid Koats Inc., New York, N. Y. Suits and coats. 340,722; Nov. 17; Serial No. 380,803; published Sept. 1, 1936. Class 39.

Smiley, Ben, Inc., New York, N. Y. Suits and dresses. 340,723; Nov. 17; Serial No. 380,229; published Sept. 1, 1936. Class 39.

Smith, Carl P., Los Angeles, Calif. Medicine. 340,724; Nov. 17; Serial No. 378,956; published Sept. 1, 1936. Class 6.

Smokeless Fuel Company, Charleston, W. Va. Coal. 340,725; Nov. 17; Serial No. 380,849; published Sept. 8, 1936. Class 1.

Smythe, Bensel. (See Lansinger, J. M., and Bensel Smythe.)

Society of Chemical Industry in Basle, Basel, Switzerland. Coal tar colors. 340,726–7; Nov. 17; Serial Nos. 380,315–16; published Aug. 25, 1936. Class 6.

Society of Chemical Industry in Basle, Basel, Switzerland. Male sexual hormone. 340,728; Nov. 17; Serial No. 380,367; published Aug. 25, 1936. Class 6.

Southwestern Milling Co. Inc., The, New York, N. Y., and Kansas City, Mo., assignor to Standard Milling Company, New York, N. Y. Flour. 114,390–3; renewed Dec. 12, 1936.

Spreckels, J. D. and A. B., Company, doing business as Western Sugar Refinery, San Francisco, Calif. Dry fondant made from cane sugar. 340,729; Nov. 17; Serial No. 375,784; published Sept. 8, 1936. Class 46.

Squibb, E. R., & Sons, New York, N. Y. Anti syphilitic preparations. 340,730; Nov. 17; Serial No. 380,928; published Sept. 8, 1936. Class 6.

Standard Alcohol Company, Wilmington, Del. Anti-freeze compound. 340,731; Nov. 17; Serial No. 380,088; published Aug. 25, 1936. Class 6.

Standard Milling Company. (See Southwestern Milling Co. Inc., The, assignor.)

Stark Bro's Nurseries & Orchards Company, Louisiana, Mo. Fruit-trees. 115,246; renewed Jan. 30, 1937.

Stark Bro's Nurseries & Orchards Company, Louisiana, Mo. Fruit-trees, fruit-plants, and hardy ornamentals. 115,549; renewed Feb. 20, 1937.

Starkstein, Morris, doing business as General Tobacco and Grocery Company, and G. T. & G. Co., Detroit, Mich. Canned pork and beans. 340,764; Nov. 17. Class 46.

Stevens & Thompson Paper Company, New York, N. Y. Toilet paper. 340,732; Nov. 17; Serial No. 380,485; published Sept. 8, 1936. Class 37.

Studebaker Corporation, The, South Bend, Ind. Automobiles. 340,733; Nov. 17; Serial No. 378,763; published Aug. 25, 1936. Class 19.

Sturdy Dog Food Co., Inc., Syracuse, N. Y. Dog food. 340,734; Nov. 17; Serial No. 380,676; published Sept. 8, 1936. Class 46.

Sugar Creek Creamery Company, Watseka, Danville, and Pana, assignor, by mesne assignments, to Sugar Creek Creamery Company, Danville, Ill. Butter. 114,197; renewed Dec. 5, 1936.

Syntha-Milk Laboratories. (See Klepinger, Raymon O.)

Tailored Silk Undergarment Co. Inc., New York, N. Y. Ladies' undergarments. 340,735; Nov. 17; Serial No. 380,162; published Sept. 8, 1936. Class 39.

Tasty Baking Company, Philadelphia, Pa. Bread, cake, and crackers. 115,821; renewed Mar. 6, 1937.

Tauco Manufacturing Company, Milwaukee, Wis. Motor-driven woodworking and metalworking machines, and parts thereof. 340,756; Nov. 17; Serial No. 379,453; published Sept. 8, 1936. Class 23.

Tebault, Hugh, & Company, Inc., New York, N. Y. Emulsion of calcium with vitamins for nutrition. 340,736; Nov. 17; Serial No. 380,598; published Sept. 1, 1936. Class 6.

Telfair, Anna C., doing business as Ul-Smile, Berlin, Wis. Suppositories and a medicinal ointment. 340,737; Nov. 17; Serial No. 378,379; published Sept. 1, 1936. Class 6.

Tennessee Valley Associated Cooperatives, Incorporated, Knoxville, Tenn. Canned vegetables. 340,738; Nov. 17; Serial No. 359,095; published Sept. 8, 1936. Class 46.

Time Hosiery Company. (See Merriman, William V.)

Tongue, R. E., & Bros. Company, The, Philadelphia, Pa. Red mason-jar rings. 114,199; renewed Dec. 5, 1936.

Trebor Chemical Company, Inc., New York, N. Y. Cough mixture. 340,555; Nov. 17; Serial No. 373,513; published Sept. 1, 1936. Class 6.

Trebor Chemical Company, Inc., New York, N. Y. General tonic. 340,556; Nov. 17; Serial No. 373,514; published Sept. 1, 1936. Class 6.

Trelles, M., & Company, New Orleans, La. Cigars. 340,739; Nov. 17; Serial No. 377,756; published Sept. 8, 1936. Class 17.

Tri-State Butter Company, The. (See Hess, Charles H., Company, The, assignor.)

Tri-State Refining Co. (See Humko Co., The.)

True's Oil Company, assignor to True's Oil Company, Spokane, Wash. Kerosene and illuminating-oils. 113,179–80; renewed Oct. 10, 1936.

True's Oil Company, assignor to True's Oil Company, Spokane, Wash. Lubricating-oils. 113,181; renewed Oct. 10, 1936.

True's Oil Company, assignor to True's Oil Company, Spokane, Wash. Gasolene, fuel-oils for internal-combustion engines and motors. 113,182; renewed Oct. 10, 1936.

Turret Antenna Company, Des Moines, Iowa. Vehicle radio antennæ. 340,740; Nov. 17; Serial No. 380,027; published Sept. 8, 1936. Class 21.

Ul-Smile. (See Telfair, Anna C.)

Union Oil Company of California, Los Angeles, Calif. Metal polish. 340,545; Nov. 17; Serial No. 365,400; published Sept. 1, 1936. Class 4.

Uniplast Surgical Dressing Co. (See Halperin, A. E., Co.)

United Sanitary Chemicals Co., Inc., Baltimore, Md. Preparation for exterminating roaches, bugs, and vermin. 340,741; Nov. 17; Serial No. 380,603; published Sept. 8, 1936. Class 6.

Upjohn Company, The, Kalamazoo, Mich. Medicinal preparation. 340,742; Nov. 17; Serial No. 379,981; published Aug. 25, 1936. Class 6.

Valentine & Company, New York, N. Y. Paints, paint enamels, fillers, etc. 340,743; Nov. 17; Serial No. 381,437; published Sept. 8, 1936. Class 16.

Vanity Corset Company. (See Warner Brothers Company, The, assignor.)

Vanity Fair Silk Mills. (See Schuylkill Silk Mills.)

Vimay-Chany, Inc., doing business as Prince de Chany, Inc., Culver City, Calif., assignor to Vimay Parfums, Incorporated. Perfumes. 340,744; Nov. 17; Serial No. 371,189; published Jan. 7, 1936. Class 6.

Visionaire Company, The. (See Kuklin, Harry S.)

Wabash Chemical & Baking Powder Company, The, Wabash, Ind. Dessert-powder. 113,463; renewed Oct. 17, 1936.

Wadsworth, Chester J., Painesville, Ohio, assignor to Child Craft Guild, Inc., Detroit, Mich. Furniture. 113,928; renewed Nov. 7, 1936.

Wallerstein Company, Inc., New York, N. Y. Preparations for treating silk. 340,745; Nov. 17; Serial No. 376,971; published July 21, 1936. Class 6.

Walters, Norman J., Philadelphia, Pa. Game board. 340,746; Nov. 17; Serial No. 380,729; published Sept. 8, 1936. Class 22.

Walton, Charles S., & Co. Incorporated, Philadelphia, Pa. Leather in the piece. 340,560; Nov. 17; Serial No. 379,222; published Sept. 8, 1936. Class 1.

Warner Brothers Company, The, assignor to Vanity Corset Company, Inc., New York, N. Y. Corsetes. 116,104; renewed Apr. 3, 1937.

Warren Belting Company, Worcester, Mass. Straps made of leather. 340,747; Nov. 17; Serial No. 380,730; published Sept. 8, 1936. Class 22.

Warren-Teed Products Company, The. Columbus, Ohio. Medical compound for hepatic torpor and liver disorders. 340,569; Nov. 17; Serial No. 379,494; published Sept. 1, 1936. Class 6.

Weideman Co., The, Cleveland, Ohio, assignor to Frankfort Distilleries, Incorporated, Louisville, Ky. Whiskey. 340,748; Nov. 17; Serial No. 359,825; published Apr. 30, 1935. Class 49.

Weitz, S., & Company, Inc., Cleveland, Ohio. Clothing. 340,749; Nov. 17; Serial No. 376,617; published Sept. 1, 1936. Class 39.

Weller, J., Company, The, Oak Harbor, Ohio. Canned sauer-kraut. 116,184; renewed Apr. 10, 1937.

Weller, W. L., & Sons, Inc., Louisville, Ky. Whiskey. 340,750; Nov. 17; Serial No. 381,737; published Sept. 8, 1936. Class 49.

Western Laboratories, Seattle, Wash. Asthma medicine. 340,751; Nov. 17; Serial No. 379,542; published Sept. 1, 1936. Class 6.

Western Sugar Refinery. (See Spreckels, J. D. and A. B., Company.)

Wheeler Paper Corporation, Albany, N. Y. Toilet tissue. 340,551; Nov. 17; Serial No. 371,945; published Sept. 8,1936. Class 37.

White, H. C., Co., assignor to Harrie C. White, North Bennington, Vt. Three-wheeled velocipede for children. 113,534; renewed Oct. 17, 1936.

Wile, M., & Co., assignor to M. Wile & Company, Inc., Buffalo, N. Y. Cloth outer suits, parts thereof, and overcoats. 113,466; renewed Oct. 17, 1936.

Windsor-Lloyd Products, Inc., Wilmington, Del. Spark plugs. 340,752; Nov. 17; Serial No. 381,185; published Sept. 8, 1936. Class 21.

Women's Wear Company, New York, N. Y. Newspaper page. 340,753; Nov. 17; Serial No. 378,106; published Sept. 8, 1936. Class 38.

Worumbo Manufacturing Company, Lisbon Falls, Maine. Woolen goods in the piece. 115,908; renewed Mar. 20, 1937.

Wulchet Fertilizer Company, The, to Wulchet Products, Inc., Dayton, Ohio, successor. Fertilizers. 116,023; renewed Mar. 27, 1937.

Yardley of London, Inc., Union City, N. J. Bath salts and water softener. 340,543; Nov. 17; Serial No. 364,315; published Aug. 25, 1936. Class 6.

Zeiss, Carl, Jena, Germany. Lenses, eyeglasses, reading glasses, etc. 340,754; Nov. 17; Serial No. 381,093; published Sept. 8, 1936. Class 26.

LIST OF REGISTRANTS OF LABELS

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Clovemints. For Clove and Mint Flavored Candies. 48,390; Nov. 17.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Spearmints. For Spearmint Flavored Candies. 48,391; Nov. 17.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Wintergreens. For Wintergreen Flavored Candies. 48,392; Nov. 17.

Cook, Franklin P., Atlantic City, N. J. Confectioners' Telegraph Delivery Association. For Confections. 48,393; Nov. 17.

Cucamonga Valley Wine Co. (See Val, Giovanni.)

Gunter, E. H., doing business as Mt. Pleasant Food Products Co., Mount Pleasant, Iowa. Garden Time. For Canned Sweet Corn. 48,394; Nov. 17.

Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Rural Gold Yellow Cling Peaches. For Yellow Cling Peaches. 48,395; Nov. 17.

Loewenthal, Siegfried, Company, Cleveland, Ohio. Ten Penny. For Whiskey. 48,396; Nov. 17.

Mt. Pleasant Food Products Co. (See Gunter, E. H.)

Ogilvie Sisters Laboratories, Inc., doing business as Ogilvie Method, New York, N. Y. O-G-V Men's Olive-Castile Shampoo. For a Preparation for Shampooing the Hair. 48,397; Nov. 17.

Ogilvie Sisters Laboratories, Inc., doing business as Ogilvie Method, New York, N. Y. O-G-V Men's Pine Soapless Shampoo. For a Preparation for Shampooing the Hair. 48,398; Nov. 17.

Ogilvie Sisters Laboratories, Inc., doing business as Ogilvie Method, New York, N. Y. Protecsun for the Hair. For a Preparation for Protecting the Hair from the Burning Rays of the Sun. 48,399–400; Nov. 17.

Ogilvie Sisters Laboratories, Inc., doing business as Ogilvie Method, New York, N. Y. O-G-V Men's Reconditioning Oil. For a Preparation for the Reconditioning of the Hair with a Hot Oil Shampoo. 48,401; Nov. 17.

Sanidentur Co., The., Los Angeles, Calif. Sanidentur. For a Powder for Cleaning Chemically and Deodorizing Removable Dental Plates and Bridges. 48,402; Nov. 17.

Val, Giovanni, doing business as Cucamonga Valley Wine Co., Los Angeles and Ontario, Calif. El Camino Real. For Sherry. 48,403; Nov. 17.

LIST OF REGISTRANTS OF PRINTS

Bigelow-Sanford Carpet Co., Inc., New York, N. Y. Room Recipes by the Bigelow Weavers. For Carpets and Rugs. 15,920; Nov. 17.

Canepa, John B., Company, The, Chicago, Ill. Be Sure to Include in Your Grocery List. For Spaghetti. 15,921; Nov. 17.

Drums, Inc., Detroit, Mich. Drums Cleans. For Cleaning Powder. 15,922; Nov. 17.

Parke, Davis & Company, Detroit, Mich. Parke-Davis Standardized Vitamin Products. For Cod-Liver Oil. 15,923; Nov. 17.

Sunrise Brewing Company, Cleveland, Ohio. Sunny Rise. For Beer. 15,924; Nov. 17.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Coal. Smokeless Fuel Company. 340,725; Nov. 17; Serial No. 380,849; published Sept. 8, 1936.

Leather. Percy E. Fisher (1928) Limited. 340,637; Nov. 17; Serial No. 379,555; published Sept. 8, 1936.

Leather in the piece. Charles S. Walton & Co. Incorporated. 340,560; Nov. 17; Serial No. 379,222; published Sept. 8, 1936.

Trees, Fruit. Stark Bro's Nurseries & Orchards Company. 115,246; renewed Jan. 30, 1937.

Trees, fruit-plants, and hardy ornamentals, Fruit. Stark Bro's Nurseries & Orchards Company. 115,549; renewed Feb. 20, 1937.

CLASS 2

Bottles, Vacuum. American Thermos Bottle Company. 340,575; Nov. 17; Serial No. 381,472; published Sept. 8, 1936.

Box covers, display boxes, containers, and fronts for containers. Celluloid Corporation. 340,608; Nov. 17; Serial No. 380,341; published Sept. 8, 1936.

Vessels for temperature retention, Vacuum-walled. American Thermos Bottle Company. 112,982; renewed Oct. 10, 1936.

CLASS 4

Alkaline detergent, Dry. Pennsylvania Salt Manufacturing Company. 340,696; Nov. 17; Serial No. 380,527; published Sept. 1, 1936.

Cleansing powder, Denture. H. L. Rabinow. 340,706; Nov. 17; Serial No. 358,386; published May 7, 1935.

Dressings, Shoe. Everett and Barron Company. 340,766; Nov. 17.

Polish, Metal. Union Oil Company of California. 340,545; Nov. 17; Serial No. 365,400; published Sept. 1, 1936.

Soap. Northam Warren Corporation. 340,691; Nov. 17; Serial No. 379,563; published Sept. 1, 1936.

Soap. Procter & Gamble Company. 340,703; Nov. 17; Serial No. 380,793; published Sept. 1, 1936.

Soaps, soap preparations, abrasive preparations, etc. Böhme Fettchemie-Gesellschaft mit beschrankter Haftung. 340,586; Nov. 17; Serial No. 376,522; published Sept. 1, 1936.

CLASS 5

Glue. Kalt-Leim-Fabrik O. Messmer. 114,803; renewed Jan. 2, 1937.

CLASS 6

Adhesive for false teeth. Phillips & Benjamin Company. 340,700; Nov. 17; Serial No. 379,711; published Aug. 25, 1936.

Agricultural, insecticidal, and fungicidal material. Ansbacher Siegle Corporation. 340,576; Nov. 17; Serial No. 376,326; published Sept. 8, 1936.

Anti-freeze compositions. New England Alcohol Company. 340,690; Nov. 17; Serial No. 377,642; published Aug. 25, 1936.

Anti-freeze compound. Standard Alcohol Company. 340,731; Nov. 17; Serial No. 380,088; published Aug. 25, 1936.

Anti-freeze compounds. Carbide and Carbon Chemicals Corporation. 340,605; Nov. 17; Serial No. 377,495; published June 23, 1936.

Anti-freeze solution for automobiles. R. E. Poole Chemical Co. 340,544; Nov. 17; Serial No. 364,971; published Aug. 6, 1936.

Antiseptic and anthelmintic products. Sharp & Dohme, Incorporated. 340,720; Nov. 17; Serial No. 380,530; published Sept. 1, 1936.

Antiseptic and deodorant. California Dental Supply Co. 340,603; Nov. 17; Serial No. 380,754; published Sept. 8, 1936.

Antiseptic preparation for feminine hygiene. G. D. Searle & Co. 340,715; Nov. 17; Serial No. 380,024; published Aug. 25, 1936.

Antisyphilitic preparations. E. R. Squibb & Sons. 340,730; Nov. 17; Serial No. 380,928; published Sept. 8, 1936.

Astringents, astringent cerates, beauty creams, etc. D. Dumas. 340,627; Nov. 17; Serial No. 379,832; published Aug. 25, 1936.

Bay rum. A. Cajigas. 340,602; Nov. 17; Serial No. 378,736; published Sept. 1, 1936.

Bluing, Laundry. F. Martin. 340,683; Nov. 17; Serial No. 378,728; published Sept. 1, 1936.

Brake fluid. Chicago Hydraulic Oil Co. 340,612; Nov. 17; Serial No. 380,034; published Sept. 8, 1936.

Chemical preparation of salts, pigments, etc. Quaker Chemical Products Corp. 340,705; Nov. 17; Serial No. 380,967; published Sept. 8, 1936.

Chemicals, dyestuffs, and oils used in dyeing, bleaching, etc. John Campbell & Co. 115,839; renewed Mar. 13, 1937.

Chemicals, dyestuffs, and oils used in dyeing, bleaching, etc. John Campbell & Co. 115,843; renewed Mar. 13, 1937.

Chemicals, Photographic. Agfa Ansco Corporation. 340,572; Nov. 17; Serial No. 380,854; published Sept. 8, 1936.

Colors, Coal tar. Society of Chemical Industry in Basle. 340,726–7; Nov. 17; Serial Nos. 380,315–6; published Aug. 25, 1936.

Compound used as an antispasmodic sedative, Vegetable. Jadwiga Remedies, Inc., 340,662; Nov. 17; Serial No. 380,834; published Sept. 8, 1936.

Concentrate containing vitamin B. Eli Lilly and Company 340,678; Nov. 17; Serial No. 380,874; published Sept. 8, 1936.

Cosmetic and toilet preparations. Mystic Laboratories, Inc. 340,689; Nov. 17; Serial No. 379,756; published Aug. 25, 1936.

Cough mixture. Trebor Chemical Company. 340,556; Nov. 17; Serial No. 373,513; published Sept. 1, 1936.

Cream, after shaving lotion, hair tonic, All purpose. Gamble Stores Incorporated. 340,644; Nov. 17; Serial No. 379,958; published Aug. 25, 1936.

Cream, Toilet. Elcaya Co. 115,744; renewed Mar. 6, 1937.

Deodorant. F. I. Rowe. 340,712; Nov. 17; Serial No. 380,021; published Sept. 8, 1936.

Deodorizer, Insect repellent, and insect sprays. Odorx Company. 340,693; Nov. 17; Serial No. 381,002; published Sept. 8, 1936.

Emulsion of calcium with vitamins for nutrition. Hugh Tebault & Company. 340,736; Nov. 17; Serial No. 380,598; published Sept. 1, 1936.

Hair oil and a preparation for treating the scalp. S. E. Jordon. 340,667; Nov. 17; Serial No. 380,951; published Sept. 8, 1936.

Hair tonic. Ogilvie Sisters Laboratories, Inc. 340,562; Nov. 17; Serial No. 379,310; published Sept. 1, 1936.

Hormone, Male sexual. Society of Chemical Industry in Basle. 340,728; Nov. 17; Serial No. 380,367; published Aug. 25, 1936.

Insecticides. Bordman Co. 340,587; Nov. 17; Serial No. 379,184; published Sept. 1, 1936.

Insecticides. Hot Foot Chemical Company. 340,657; Nov. 17; Serial No. 380,513; published Sept. 8, 1936.

Liniment. R. T. Brock. 340,601; Nov. 17; Serial No. 379,667; published Sept. 1, 1936.

Liniment. H. H. Gegelein. 340,645; Nov. 17; Serial No. 378,989; published Sept. 1, 1936.

Liniment. Dr. B. J. Kendall Company. 113,986; renewed Nov. 14, 1936.

Lotion, Face. Fruit Cosmetics, Inc. 340,643; Nov. 17; Serial No. 380,559; published Sept. 8, 1936.

Medical compound for hepatic torpor and liver disorders. Warren-Teed Products Company. 340,569; Nov. 17; Serial No. 379,494; published Sept. 1, 1936.

Medical preparation. R. J. Reeves. 340,708; Nov. 17; Serial No. 381,084; published Sept. 8, 1936.

Medical tablets. T. R. Gibson. 113,723; renewed Oct. 31, 1936.

Medicinal preparation. American Research Products, Inc. 340,573–4; Nov. 17; Serial Nos. 380,939–40; published Sept. 8, 1936.

Medicinal preparation. C. F. Eklund. 340,629; Nov. 17; Serial No. 380,704; published Sept. 8, 1936.

Medicinal preparation. Hoffmann-La Roche, Inc. 340,656; Nov. 17; Serial No. 380,769; published Sept. 8, 1936.

Medicinal preparation. Upjohn Company. 340,742; Nov. 17; Serial No. 379,981; published Aug. 25, 1936.

Medicinal preparation for the treatment of burns. George A. Breon & Company. 340,596; Nov. 17; Serial No. 380,032; published Aug. 25, 1936.

Medicinal preparation for the treatment of wounds. George A. Breon & Company. 340,597; Nov. 17; Serial No. 380,033; published Aug. 25, 1936.

Medicine. C. P. Smith. 340,724; Nov. 17; Serial No. 378,956; published Sept. 1, 1936.

Medicine, Asthma. Western Laboratories. 340,751; Nov. 17; Serial No. 379,542; published Sept. 1, 1936.

Medicine for piles. Chicago Pharmacal Co. 340,613; Nov. 17; Serial No. 379,032; published Sept. 1, 1936.

Medicines for humans, dogs, etc. A. R. Beamon. 340,583; Nov. 17; Serial No. 379,166; published Sept. 1, 1936.

Oil extracted from the wheat germ. J. Sendecke. 340,719; Nov. 17; Serial No. 362,274; published May 7, 1935.

Ointment and liniments. Erolen Limited. 340,631; Nov. 17; Serial No. 380,706; published Sept. 8, 1936.

Perfume, toilet water, eau de cologne, etc. Bourjois, Inc. 340,588–90; Nov. 17; Serial Nos. 380,612–4; published Sept. 8, 1936.

Perfume, toilet water, eau de cologne, etc. Bourjois, Inc. 340,593; Nov. 17; Serial No. 380,617; published Sept. 8, 1936.

Perfume, toilet water, eau de cologne, etc. Bourjois, Inc. 340,595; Nov. 17; Serial No. 380,752; published Sept. 8, 1936.

Perfume, toilet water, talcum powder, etc. Bourjois, Inc. 340,594; Nov. 17; Serial No. 380,618; published Sept. 8, 1936.

Perfumes. Vimay-Chany, Inc. 340,744; Nov. 17; Serial No. 371,189; published Jan. 7, 1936.

Pharmaceutical preparation for the treatment of athlete's foot. Gymnex Company. 340,651; Nov. 17; Serial No. 381,529; published Sept. 8, 1936.

Polish, nail white, cuticle remover, etc., Nail. F. H. Freeman. 340,642; Nov. 17; Serial No. 376,991; published Sept. 1, 1936.

Powder, Face. Bourjois, Inc. 340,591; Nov. 17; Serial No. 380,615; published Sept. 8, 1936.

Powder and dusting powder, Face. Bourjois, Inc., 340,592; Nov. 17; Serial No. 380,616; published Sept. 8, 1936.

Preparation for exterminating roaches, bugs, and vermin. United Sanitary Chemical Co. 340,741; Nov. 17; Serial No. 380,603; published Sept. 8, 1936.

Preparation for supplying organic sea minerals in readily assimilable form. J. M. Bair. 340,579–80; Nov. 17; Serial Nos. 380,744–5; published Sept. 8, 1936.

Preparation for the treatment for the specific maladies of women. Etablissements Pastival, Société à Responsabilité Limitée. 340,635; Nov. 17; Serial No. 380,141; published Sept. 8, 1936.

Preparation for the treatment of acidosis, anemia, etc. Dr. D. Jayne & Son, Inc. 340,663; Nov. 17; Serial No. 378,523; published Aug. 25, 1936.

Preparation for the treatment of arthritis and rheumatism. I. P. Quarles. 340,564; Nov. 17; Serial No. 379,352; published Aug. 25, 1936.

Prejaration for the treatment of arthritis, diseases of the circulation, nedvous diseases. Etablissements Pastival, Société à Responsabilité Limitée. 340,633; Nov. 17; Serial No. 380,139; published Sept. 8, 1936.

Preparation for the treatment of colds, neuralgia, influenza, etc. Z. Schoolcraft. 340,755; Nov. 17; Serial No. 378,239; published Sept. 8, 1936.

Preparation for the treatment of constipation. C. A. Desbell. 340,623; Nov. 17; Serial No. 377,673; published Sept. 1, 1936.

Preparation for the treatment of corns, callouses, etc. Ellis Laboratories, Inc. 340,630; Nov. 17; Serial No. 379,886; published Aug. 25, 1936.

Preparation for the treatment of indigestion flatulence, etc. Carol Pharmaceutical Company. 340,606; Nov. 17; Serial No. 380,470; published Sept. 1, 1936.

Preparation for use in the treatment of hernia. G. D. Searle & Co. 340,714; Nov. 17; Serial No. 376,106; published Aug. 25, 1936.

Preparation to stop leaks in automobile radiators. F. Chapman. 113,489; renewed Oct. 17, 1936.

Preparation used in the treatment of gout, rheumatism, etc. Etablissements Pastival, Société à Responsabilité Limitée. 340,632; Nov. 17; Serial No. 380,138; published Aug. 25, 1936.

Preparations for treating silk. Wallerstein Company. 340,745; Nov. 17; Serial No. 376,971; published July 21, 1936.

Salts and water softener, Bath. Yardley of London, Inc. 340,543; Nov. 17; Serial No. 364,315; published Aug. 25, 1936.

Soda mints. Kellogg Toasted Corn Flake Company. 115,622; renewed Feb. 27, 1937.

Soda, Silicate of. Philadelphia Quartz Company. 340,699; Nov. 17; Serial No. 379,899; published Aug. 25, 1936.

Stearic acid. Procter & Gamble Company. 340,702; Nov. 17; Serial No. 380,224; published Aug. 25, 1936.
Suppositories and a medicinal ointment. A. C. Telfair. 340,737; Nov. 17; Serial No. 378,379; published Sept. 1, 1936.
Suppositories for hemorrhoids. Proctoid Laboratories, Incorporated. 340,704; Nov. 17; Serial No. 378,451; published Sept. 1, 1936.
Tanning substances. Dr. G. Eberle & Cie. 114,340; renewed Dec. 12, 1936.
Tonic and stimulant. Etablissements Pastival, Société à Responsabilité Limitée. 340,634; Nov. 17; Serial No. 380,140; published Aug. 25, 1936.
Tonic, General. Trebor Chemical Company. 340,556; Nov. 17; Serial No. 373,514; published Sept. 1, 1936.
Wax, Stitching. Shoe Press Corporation. 340,721; Nov. 17; Serial No. 379,774; published Aug. 25, 1936.

CLASS 9

Ammunition. W. Hunt. 340,558; Nov. 17; Serial No. 374,188; published Sept. 8, 1936.

CLASS 10

Fertilizers. Wuichet Fertilizer Company. 116,023; renewed Mar. 27, 1937.

CLASS 12

Caulking compound. Gibson-Homans Company. 340,763; Nov. 17.
Cement used in masonry. Laclede-Christy Clay Products Company. 340,674; Nov. 17; Serial No. 379,891; published Sept. 8, 1936.
Coating, Plastic bituminous. Johns-Manville Corporation. 340,664; Nov. 17; Serial No. 380,004; published Sept. 8, 1936.
Friction binder for thermal insulation. Johns-Manville Corporation. 340,666; Nov. 17; Serial No. 380,006; published Sept. 8, 1936.
Furnace and retort cement. Asbestos. Pilbrico Jointless Firebrick Company. 340,701; Nov. 17; Serial No. 379,762; published Aug. 25, 1936.
Insulating material, Thermal. Johns-Manville Corporation. 340,665; Nov. 17; Serial No. 380,005; published Sept. 8, 1936.
Insulation, Rock wool heat. Insulite Company. 340,767; Nov. 17.
Lumber and millwork. Lumbermens Merchandising Corporation. 340,680; Nov. 17; Serial No. 381,038; published Sept. 8, 1936.
Nailing-base for floor and roof construction. David E. Kennedy, Inc. 114,492; renewed Dec. 19, 1936.
Paper product, Machinable, waterproofed, homogeneous composite pressed. Detroit Paper Products Corporation. 340,624; Nov. 17; Serial No. 377,265; published Sept. 8, 1936.
Roofing, Sheet metal. Gulf States Steel Co. 340,567; Nov. 17; Serial No. 379,426; published Sept. 8, 1936.
Sheathing, Metal surface. Copper Protected Roofing Company. 340,619; Nov. 17; Serial No. 380,471; published Sept. 1, 1936.

CLASS 13

Door check and door closer coil springs. Norton Lasier Company. 340,692; Nov. 17; Serial No. 374,935; published Sept. 8, 1936.
Fasteners, Awning cloth. E. J. Mitcheson. 340,688; Nov. 17; Serial No. 380,067; published Sept. 8, 1936.

CLASS 14

Tin plate, Cold-reduced. Bethlehem Steel Company. 340,584; Nov. 17; Serial No. 381,551; published Sept. 8, 1936.

CLASS 15

Gasoline, fuel-oils for internal-combustion engines and motors. True's Oil Company. 113,182; renewed Oct. 10, 1936.
Kerosene and illuminating-oils. True's Oil Company. 113,179; renewed Oct. 10, 1936.
Oils, Lubricating. Pure Oil Company. 114,113; renewed Nov. 28, 1936.
Oils, Lubricating. True's Oil Company. 113,181; renewed Oct. 10, 1936.

CLASS 16

Paints, lacquers, and paint enamels, Ready mixed. Glidden Company. 340,646; Nov. 17; Serial No. 380,102; published Sept. 8, 1936.
Paints, paint enamels, fillers, etc. Valentine & Company. 340,743; Nov. 17; Serial No. 381,437; published Sept. 8, 1936.

CLASS 17

Cigars. M. Trelles & Company. 340,739; Nov. 17; Serial No. 377,756; published Sept. 8, 1936.

CLASS 19

Automobiles. Studebaker Corporation. 340,733; Nov. 17; Serial No. 378,763; published Aug. 25, 1936.
Trucks, Motor. Indiana Truck Company. 113,386; renewed Oct. 17, 1936.

CLASS 21

Radio antennae, Vehicle. Turret Antenna Company. 340,740; Nov. 7; Serial No. 380,027; published Sept. 8, 1936.
Radio broadcast receiving sets. Freed Manufacturing Company. 340,640; Nov. 17; Serial No. 381,071; published Sept. 8, 1936.
Spark plugs. Windsor-Lloyd Products, Inc. 340,752; Nov. 17; Serial No. 381,185; published Sept. 8, 1936.
Tubes and thermionic tubes, Cathode ray. RCA Manufacturing Company. 340,707; Nov. 17; Serial No. 380,124; published Sept. 8, 1936.

CLASS 22

Amusement apparatus, Coin controlled. Rock-Ola Manufacturing Corporation. 340,710; Nov. 17; Serial No. 380,846; published Sept. 8, 1936.
Game. W. I. Barton. 340,582; Nov. 17; Serial No. 380,902; published Sept. 8, 1936.
Game board. N. J. Walters. 340,746; Nov. 17; Serial No. 380,729; published Sept. 8, 1936.
Game, Card. C. H. Manzler. 340,682; Nov. 17; Serial No. 381,463; published Sept. 8, 1936.
Golf balls. Crawford, McGregor and Canby Company. 340,559; Nov. 17; Serial No. 374,286; published Sept. 8, 1936.
Hammocks, Plain. Hibbard, Inc. 340,655; Nov. 17; Serial No. 380,201; published Sept. 8, 1936.
Shuttlecocks. Pennsylvania Rubber Company of America, Inc. 340,697; Nov. 17; Serial No. 381,043; published Sept. 8, 1936.
Straps made of leather. Warren Belting Company. 340,747; Nov. 17; Serial No. 380,730; published Sept. 8, 1936.
Tops, Spinning. E. S. Jackson. 340,660; Nov. 17; Serial No. 381,208; published Sept. 8, 1936.
Vehicles, Children's. Colson Corporation. 340,617; Nov. 17; Serial No. 379,550; published Sept. 8, 1936.
Velocipede for children. Three-wheeled. H. C. White Co. 113,534; renewed Oct. 17, 1936.

CLASS 23

Appliances for cleaning boilers. Diamond Power Specialty Company. 113,950; renewed Nov. 14, 1936.
Elevators. Otis Elevator Company. 116,080; renewed Apr. 3, 1937.
Lathes, and accessories, face plates, lathe chucks, etc., Bench. Sears, Roebuck and Co. 340,716; Nov. 17; Serial No. 374,603; published Sept. 8, 1936.
Machines for forming, grading, ripping, and otherwise working roads; hydraulic pumps and hoists. Kay-Brunner Steel Products Inc. 340,668; Nov. 17; Serial No. 377,741; published June 16, 1936.
Woodworking and metalworking machines, and parts thereof, Motor-driven. Tauco Manufacturing Company. 340,756; Nov. 17; Serial No. 379,453; published Sept. 8, 1936.

CLASS 26

Lenses, eyeglasses, reading glasses, etc. Carl Zeiss. 340,754; Nov. 17; Serial No. 381,093; published Sept. 8, 1936.
Pumps, Measuring. Derby Oil Company. 340,622; Nov. 17; Serial No. 375,378; published May 26, 1936.

CLASS 27

Clocks. Colonial Manufacturing Company. 340,616; Nov. 17; Serial No. 378,739; published Sept. 8, 1936.
Watches. H. Belenky. 340,760; Nov. 17.

CLASS 29

Tooth brushes. S. H. Kress and Company. 340,671–3; Nov. 17; Serial No. 380,772–4; published Sept. 8, 1936.

CLASS 30

Earthenware bodies adapted to be saturated with water and placed in air currents for the purpose of cooling and humidifying the air, Cellular. D. A. Cannon. 340,604; Nov. 17; Serial No. 368,837; published Sept. 8, 1936.

CLASS 31

Refrigerated display cases for the preservation of foodstuffs. Hussmann-Ligonier Company. 340,549; Nov. 17; Serial No. 367,467; published Sept. 8, 1936.
Refrigerating cabinets. J. M. Bruce. 340,599; Nov. 17; Serial No. 381,526; published Sept. 8, 1936.

CLASS 32

Furniture. C. J. Wadsworth. 113,928; renewed Nov. 7, 1936.

CLASS 35

Jar rings, Red mason. R. E. Tongue & Bros. Company. 114,199; renewed Dec. 5, 1936.

CLASS 36

Harmonicas, drums, cornets, etc. Fred. Gretsch Manufacturing Co. 340,650; Nov. 17; Serial No. 381,102; published Sept. 8, 1936.
Harmonicas, saxophones, clarinets, etc. Fred. Gretsch Manufacturing Co. 340,649; Nov. 17; Serial No. 381,100; published Sept. 8, 1936.

CLASS 37

Books, calendar books, and photograph albums, Memorandum. Nascon Service, Inc. 340,554; Nov. 17; Serial No. 373,460; published Sept. 8, 1936.

Paper, Greaseproof. Hamersley Manufacturing Company. 340,654; Nov. 17; Serial No. 377,114; published Sept. 8, 1936.
Paper, Kraft. Paterson Parchment Paper Company. 340,694–5; Nov. 17; Serial No. 380,879–80; published Sept. 8, 1936.
Paper tape, Gummed. Ideal Coated Paper Co. 113,255; renewed Oct. 10, 1936.
Paper, Toilet. Stevens & Thompson Paper Company. 340,732; Nov. 17; Serial No. 380,485; published Sept. 8, 1936.
Tissue, Facial. Modern Tissues Corp. 340,561; Nov. 17; Serial No. 379,254; published Sept. 8, 1936.
Tissue, Toilet. A. P. W. Paper Company. 340,570; Nov. 17; Serial No. 377,090; published Sept. 8, 1936.
Tissue, Toilet. Wheeler Paper Corporation. 340,551; Nov. 17; Serial No. 371,945; published Sept. 8, 1936.

CLASS 38

'Books and circulars. Benziger Brothers. 115,432; renewed Feb. 13, 1937.
Cartoons. King Features Syndicate, Inc. 340,669; Nov. 17; Serial No. 380,771; published Sept. 8, 1936.
Magazine. For Me, Incorporated. 340,638; Nov. 17; Serial No. 377,654; published Sept. 8, 1936.
Magazine. Magazine Publishers, Inc. 340,563; Nov. 17; Serial No. 379,347; published Sept. 8, 1936.
Newspaper page. Women's Wear Company. 340,753; Nov. 17; Serial No. 378,106; published Sept. 8, 1936.
Pamphlets, catalogues, and magazines. National Cloak & Suit Co. 113,117; renewed Oct. 10, 1936.
Periodical. J. M. Landinger and Bensel Smythe. 340,676; Nov. 17; Serial No. 380,775; published Sept. 8, 1936.
Periodicals. Dell Publishing Company. 340,621; Nov. 17; Serial No. 380,702; published Sept. 8, 1936.
Programs, Musical. National Symphony Orchestra Association of Washington, D. C. 340,560; Nov. 17; Serial No. 379,387; published Sept. 8, 1936.
Publication. Breskin & Charlton Publishing Corporation. 340,598; Nov. 17; Serial No. 380,186; published Sept. 8, 1936.
Publication. Conde Nast Publications, Inc. 340,618; Nov. 17; Serial No. 379,580; published Sept. 8, 1936.
Register, Social. Blue Book Publishing Company. 340,585; Nov. 17; Serial No. 378,421; published Sept. 8, 1936.

CLASS 39

Clothing. S. Weitz & Company. 340,749; Nov. 17; Serial No. 376,617; published Sept. 1, 1936.
Clothing for adults and babies. Schuylkill Silk Mills. 116,092; renewed Apr. 3, 1937.
Clothing for adults and babies. Schuylkill Silk Mills. 116,161; renewed Apr. 10, 1937.
Clothing, Men's. A. Sagner & Sons, Inc. 340,713; Nov. 17; Serial No. 380,529; published Sept. 1, 1936.
Clothing, Waterproof. Pearson Brothers. 114,654; renewed Dec. 26, 1936.
Coats and suits, Misses' and juniors'. Charnay & Karp, Inc. 340,611; Nov. 17; Serial No. 380,187; published Sept. 1, 1936.
Coats for women and misses. Petrie's Inc. 340,557; Nov. 17; Serial No. 373,838; published Sept. 8, 1936.
Coats, Women's. H. Adler. 340,571; Nov. 17; Serial No. 381,396; published Sept. 8, 1936.
Collars, cuffs, shirts, etc. F. Jacobson & Sons. 340,661; Nov. 17; Serial No. 380,515; published Sept. 1, 1936.
Corsets. Warner Brothers Company. 116,104; renewed Apr. 3, 1937.
Dresses. Adolph R. Haas, Inc. 340,652; Nov. 17; Serial No. 380,833; published Sept. 8, 1936.
Hosiery. Crown Hosiery Mills. 340,620; Nov. 17; Serial No. 358,629; published Apr. 2, 1935.
Hosiery. J. B. Ivey & Company. 340,659; Nov. 17; Serial No. 381,207; published Sept. 8, 1936.
Hosiery. J. W. Landenberger & Co. 340,675; Nov. 17; Serial No. 381,035; published Sept. 8, 1936.
Hosiery. Lefcort Hosiery Company. 340,677; Nov. 17; Serial No. 380,837; published Sept. 8, 1936.
Hosiery. W. V. Merriman. 340,685; Nov. 17; Serial No. 376,294; published May 26, 1936.
Hosiery. Sears, Roebuck and Co. 340,717; Nov. 17; Serial No. 379,713; published Sept. 1, 1936.
Hosiery, Women's. Artcraft Silk Hosiery Mills, Inc. 340,578; Nov. 17; Serial No. 367,486; published Dec. 10, 1935.
Jackets, vests, coats, and pants. B. Lamm. 340,568; Nov. 17; Serial No. 379,434; published Sept. 1, 1936.
Protectors, Ankle. Everlastik, Incorporated. 340,636; Nov. 17. Serial No. 379,695; published Sept. 8, 1936.
Raincoats. Elmer Kreis & Co. 340,670; Nov. 17; Serial No. 380,518; published Sept. 1, 1936.
Shirts. Central States Department Stores, Inc. 340,610; Nov. 17; Serial No. 379,504; published Sept. 8, 1936.
Shirts, underwear shorts, hosiery, etc., Knitted or woven underwear. Robert Reis & Company. 340,709; Nov. 17; Serial No. 363,639; published July 9, 1935.
Suits and coats. Siegel Bros. Kiki Maid Koats Inc. 340,722; Nov. 17; Serial No. 380,803; published Sept. 1, 1936.
Suits and dresses. Ben Smiley, Inc. 340,723; Nov. 17; Serial No. 380,229; published Sept. 1, 1936.
Suits, parts thereof, and overcoats, Cloth outer. M. Wile & Co. 113,466; renewed Oct. 17, 1936.
Suits, Summer. Eagle Clothes. 340,628; Nov. 17; Serial No. 381,265; published Sept. 8, 1936.
Undergarments, Ladies'. Tailored Silk Undergarment Co. Inc. 340,735; Nov. 17; Serial No. 380,162; published Sept. 8, 1936.
Underwear and children's and infants' wear. S. Ludwig. 340,679; Nov. 17; Serial No. 380,354; published Sept. 8, 1936.
Underwear, Children's. Minneapolis Knitting Works. 340,687; Nov. 17; Serial No. 379,848; published Sept. 8, 1936.
Underwear, etc., Misses' and ladies'. Aquilla, Inc. 340,577; Nov. 17; Serial No. 377,092; published Sept. 8, 1936.
Underwear, Knitted. Duofold Health Underwear Company. 115,317; renewed Feb. 6, 1937.

CLASS 42

Cotton duck. Wm. E. Hooper & Sons Company. 114,476; renewed Dec. 19, 1936.
Cotton piece goods, pillow-cases, and sheets. Postex Cotton Mills. 115,865; renewed Mar. 13, 1937.
Fabrics in the piece. Fred Butterfield & Co. 340,768; Nov. 17.
Piece goods. Celanese Corporation of America. 340,770; Nov. 17.
Rugs. Frances T. Miller, Inc. 340,757; Nov. 17.
Woolen piece goods. Worumbo Manufacturing Company. 115,908; renewed Mar. 20, 1937.

CLASS 43

Yarns. Celluloid Corporation. 340,608; Nov. 17; Serial No. 380,695; published Sept. 8, 1936.
Yarns and threads, Knitting and textile. D. B. Barbour. 340,581; Nov. 17; Serial No. 378,355; published Sept. 8, 1936.

CLASS 44

Bandages, adhesive plaster, and surgical dressings. A. E. Halperin Co. 340,653; Nov. 17; Serial No. 380,990; published Sept. 8, 1936.
Dental mirrors. H. S. Kuklin. 340,565; Nov. 17; Serial No. 379,381; published Sept. 8, 1936.
Prophylactic rubber articles. Nutex Company. 340,700; Nov. 17.
Reducing bands. C. M. Burman. 340,600; Nov. 17; Serial No. 378,479; published Sept. 8, 1936.
Toothpicks. M. H. Miars. 340,686; Nov. 17; Serial No. 377,517; published Sept. 8, 1936.

CLASS 46

Beverages made partly or wholly of cereals. Kellogg Toasted Corn Flake Co. 114,248; renewed Dec. 5, 1936.
Bread, cake, and crackers. Tasty Baking Company. 115,821; renewed Mar. 6, 1937.
Butter. Charles H. Hess Company. 114,352; renewed Dec. 12, 1936.
Butter. Sugar Creek Creamery Company. 114,197; renewed Dec. 5, 1936.
Candies and confections. Kellogg Toasted Corn Flake Co. 115,348; renewed Feb. 6, 1937.
Canned fish and canned fruits. Hovden Food Products Corporation. 340,762; Nov. 17.
Canned goods. Seeman Brothers. 340,718; Nov. 17; Serial No. 347,191; published Sept. 8, 1936.
Canned hash, and peanut butter, Liver and other. Castleberry Food Co. 340,607; Nov. 17; Serial No. 363,155; published Sept. 8, 1936.
Canned pork and beans. M. Starkstein. 340,764; Nov. 17.
Canned sauer-kraut. J. Weller Company. 116,184; renewed Apr. 10, 1937.
Canned vegetables. Tennessee Valley Associated Cooperatives, Incorporated. 340,738; Nov. 17; Serial No. 259,095; published Sept. 8, 1936.
Chocolates, caramels, hard candy of all kinds, and liquid caramel. Repetti. 113,796; renewed Oct. 31, 1936.
Coffee and tea. Dwinell-Wright Company. 340,625–6; Nov. 17; Serial Nos. 380,502–3; published Sept. 8, 1936.
Dessert-powder. Wabash Chemical & Baking Powder Company. 113,463; renewed Oct. 17, 1936.
Eggs. W. M. Martin. 340,684; Nov. 17; Serial No. 375,534; published Sept. 8, 1936.
Extract for foods, Flavoring. Hallock-Denton Co. 113,728–9; renewed Oct. 31, 1936.
Flour. Southwestern Milling Co. Inc. 114,390–3; renewed Dec. 12, 1936.
Flour, Wheat. New Prague Flouring Mill Company. 115,214; renewed Jan. 30, 1937.
Fondant made from cane sugar, Dry. J. D. and A. B. Spreckels Company. 340,729; Nov. 17; Serial No. 375,784; published Sept. 8, 1936.
Food, Dog. Sturdy Dog Food Co. 340,734; Nov. 17; Serial No. 380,676; published Sept. 8, 1936.
Foods. James McCoy Company. 113,756; renewed Oct. 31, 1936.
Fruit, Fresh. Petersen & Snedden Packing Company. 340,608; Nov. 17; Serial No. 380,123; published Sept. 8, 1936.
Fruits and vegetables, Fresh. Chase & Company. 114,433; renewed Dec. 19, 1936.
Nougat-bars and chocolate-covered candies. W. F. Schrafft & Sons Corporation. 114,185; renewed Dec. 5, 1936.

Olive-oil. Rome Importing Company. 113,295; renewed Oct. 10, 1936.
Preparation used as a foundation for stock feeds, dairy rations, pig feed, etc. R. O. Klepinger. 340,553; Nov. 17; Serial No. 372,916; published Sept. 8, 1936.
Salad-oil pressed from cotton-seed. Rome Importing Company. 113,294; renewed Oct. 10, 1936.
Sauce, Spaghetti. P. J. Baroni. 340,765; Nov. 17.
Shortening. Humko Co. 340,658; Nov. 17; Serial No. 380,638; published Sept. 8, 1936.
Sugar, Confectioners' powdered. James A. McAteer & Sons, Inc. 115,979; renewed Mar. 27, 1937.

CLASS 47

Port. K. Arakelian, Inc. 340,758; Nov. 17.
Sauterne. K. Arakelian, Inc. 340,759; Nov. 17.
Wines. Pacific Coast Brands Ltd. 340,552; Nov. 17; Serial No. 372,528; published Sept. 8, 1936.

CLASS 49

Brandy. Roma Wine Company. 340,711; Nov. 17; Serial No. 381,640; published Sept. 8, 1936.
Gin. F-C-G Importers, Inc. 340,547; Nov. 17; Serial No. 366,411; published Sept. 8, 1936.
Gin. Frankfort Distilleries, Incorporated. 340,546; Nov. 17; Serial No. 365,878; published July 23, 1935.
Gin, whiskey, rum, etc. Many, Blanc & Co. 340,550; Nov. 17; Serial No. 369,365; published Oct. 22, 1935.
Rum. Eduardo R. Gonzalez, Inc. 340,647; Nov. 17; Serial No. 381,073; published Sept. 8, 1936.
Rum. P. Grau. 340,648; Nov. 17; Serial No. 379,501; published Sept. 8, 1936.
Rum. Park, Benziger & Co. 340,548; Nov. 17; Serial No. 367,406; published Sept. 8, 1936.
Whiskey. Coffey Distilling Company. 340,614; Nov. 17; Serial No. 379,672; published Sept. 8, 1936.
Whiskey. Coffey Distilling Company. 340,615; Nov. 17; Serial No. 379,677; published Sept. 8, 1936.
Whiskey. Frankfort Distilleries, Incorporated. 340,639; Nov. 17; Serial No. 360,530; published Apr. 16, 1935.
Whiskey. Weideman Co. 340,748; Nov. 17; Serial No. 359,825; published Apr. 30, 1935.
Whiskey. W. L. Weller & Sons, Inc. 340,750; Nov. 17; Serial No. 381,737; published Sept. 8, 1936.
Whiskey, gin, rum, etc. Samuel Freedman Corporation. 340,641; Nov. 17; Serial No. 355,256; published Sept. 25, 1934.

CLASS 50

Mats to prevent the slipping of rugs, etc. Rubber. Geo. E. Mallinson Importing Co. 340,681; Nov. 17; Serial No. 370,809; published Sept. 8, 1936.
Statuettes, plaques, and bric-a-brac. D'Or Studios, Inc. 340,761; Nov. 17.

LIST OF LABELS

Beech-Nut Clovemints. For Clove and Mint Flavored Candies. Beech-Nut Packing Company. 48,390; Nov. 17.
Beech-Nut Spearmints. For Spearmint Flavored Candies. Beech-Nut Packing Company. No. 48,391; Nov. 17.
Beech Nut Wintergreens. For Wintergreen Flavored Candies. Beech-Nut Packing Company. 48,392; Nov. 17.
Confectioners' Telegraph Delivery Association. For Confections. F. P. Cook. 48,393; Nov. 17.
El Camino Real. For Sherry. Giovanni Val. 48,403; Nov. 17.
Garden Time. For Canned Sweet Corn. E. H. Gunter. 48,394; Nov. 17.
O-G-V Men's Olive-Castile Shampoo. For a Preparation for Shampooing the Hair. Ogilvie Sisters Laboratories, Inc. 48,397; Nov. 17.
O-G-V Men's Pine Soapless Shampoo. For a Preparation for Shampooing the Hair. Ogilvie Sisters Laboratories, Inc. 48,398; Nov. 17.
O-G-V Men's Reconditioning Oil. For a Preparation for the Reconditioning of the Hair with a Hot Oil Shampoo. Ogilvie Sisters Laboratories, Inc. 48,401; Nov. 17.
Protecsun for the Hair. For a Preparation for Protecting the Hair from the Burning Rays of the Sun. Ogilvie Sisters Laboratories, Inc. 48,399–400; Nov. 17.
Rural Gold Yellow Cling Peaches. For Yellow Cling Peaches. Hearst Sunical Land and Packing Corporation. 48,395; Nov. 17.
Sanidentur. For a Powder for Cleaning Chemically and Deodorizing Removable Dental Plates and Bridges. Sanidentur Co. 48,402; Nov. 17.
Ten Penny. For Whiskey. Siegfried Loewenthal Company. 48,396; Nov. 17.

LIST OF PRINTS

Be Sure to Include in Your Grocery List. For Spaghetti. John B. Canepa Company. 15,921; Nov. 17.
Drums Cleans. For Cleaning Powder. Drums, Inc. 15,922; Nov. 17.
Parke-Davis Standardized Vitamin Products. For Cod-Liver Oil. Parke, Davis & Company. 15,923; Nov. 17.
Room Recipes by the Bigelow Weavers. For Carpets and Rugs. Bigelow-Sanford Carpet Co. Inc. 15,920; Nov. 17.
Sunny Rise. For Beer. Sunrise Brewing Company. 15,924; Nov. 17.

CARNEGIE LIBRARY OF ATLANTA

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 17TH DAY OF NOVEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Berger, Kornel, New York, N. Y. Swivel harp fixture for electric lamps. 20,170; Nov. 17.
Budd, Edward G., Manufacturing Company. (See Tarbox, John P., assignor.)
Curtiss, Glenn H., deceased, Country Club Estates, by L. P. Wheeler, Miami Springs, Fla., assignee. Motor vehicle. 20,171; Nov. 17.
Freeman, Benjamin W., Cincinnati, Ohio. Ornamenting machine. 20,177; Nov. 17.
Lincoln, Paul M., Ithaca, N. Y. Electric meter of the thermal type. 20,172; Nov. 17.
McPherson, Bruce, Greenville, S. C. Cigarette package. 20,173; Nov. 17.
O'Brien, Joseph F. (See Vanorio, Joseph, assignor.)
Paardecamp, John B., Brooklyn, N. Y. Container sealing and dispensing device. 20,174; Nov. 17.
Tarbox, John P., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Automobile body and mounting therefor. 20,176; Nov. 17.
Vanorio, Joseph, Mount Vernon, N. Y., assignor of one-fifth to J. F. O'Brien, Englewood, N. J. Water heating apparatus for house heating systems. 20,175; Nov. 17.
Wheeler, Lena P. (See Curtiss, Glenn H.)

LIST OF PLANT PATENTEES

Mayhew, Clarence C., assignor to Texas Nursery Company, Sherman, Tex. White chrysanthemum. 204; Nov. 17.
Mayhew, Clarence C., assignor to Texas Nursery Company, Sherman, Tex. Bronze chrysanthemum. 205; Nov. 17.
McKee, Ralph H., New York, N. Y. Hybrid poplar. 207; Nov. 17.
Schmidt, Paul, Youngstown, Ohio. Buddleia. 206; Nov. 17.
Texas Nursery Company. (See Mayhew, Clarence C., assignor.)

LIST OF DESIGN PATENTEES

Armstrong Cork Company. (See Wilmet, Georges, assignor.)
Baldwin Company, The. (See Day, Wilbur M., assignor.)
Barrett, Colin D., Watertown, assignor to Scovill Manufacturing Company, Waterbury, Conn. Flashlight casing. 101,929; Nov. 17.
Barrett, Colin D., Watertown, assignor to Scovill Manufacturing Company, Waterbury, Conn. Flashlight head shell. 101,930; Nov. 17.
Barrett, Colin D., Watertown, assignor to Scovill Manufacturing Company, Waterbury, Conn. Flashlight casing. 101,979; Nov. 17.
Barrett, Colin D., Watertown, assignor to Scovill Manufacturing Company, Waterbury, Conn. Flashlight head shell. 102,017; Nov. 17.
Bartson, Albert J., Ridgewood, N. J. Textile fabric. 101,931; Nov. 17.
Bartson, Albert J., Ridgewood, N. J. Textile fabric. 101,932; Nov. 17.
Bassick Company, The. (See Martin, Raymond H., assignor.)
Battery Patents Corporation. (See Henry, Harry H., assignor.)
Beardsley & Wolcott Manufacturing Company, The. (See Le Breux, Louis, assignor.)
Beardsley & Wolcott Manufacturing Company, The. (See Schuster, Otto, assignor.
Breen, Frederick M., assignor to Dictograph Products Company, Inc., New York, N. Y. Radio receiving cabinet. 101,980; Nov. 17.
Brenowitz, Joseph, and I. Gottlieb, New York, N. Y. Candle holder. 101,933; Nov. 17.
Budlong, Robert D., assignor to Chicago Musical Instrument Company, Chicago, Ill. Piano accordion. 101,934; Nov. 17.
Burke, Richard J. (See Humbard, R. L., and Burke.)
Casco Products Corporation. (See Cohen, Joseph H., assignor.)
Castro, Emanuel, assignor to William Willheim Co. Inc., New York, N. Y. Textile fabric or similar article. 101,935; Nov. 17.
Chicago Die Casting Mfg. Co. (See Koch, William P., assignor.)
Chicago Musical Instrument Company. (See Budlong, Robert D., assignor.)
Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Electric windshield heater. 102,018; Nov. 17.
Craver, Bates B., Waterbury, Conn., assignor to United States Rubber Products, Inc., New York, N. Y. Overshoe. 101,936; Nov. 17.
Craver, Bates B., Waterbury, Conn., assignor to United States Rubber Products, Inc., New York, N. Y. Overshoe. 101,937; Nov. 17.
Crowley, Daniel J., Grosse Pointe, Mich. Radio receiving set. 101,981; Nov. 17.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 101,938; Nov. 17.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 101,939; Nov. 17.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 101,940; Nov. 17.
Day, Wilbur M., assignor to The Baldwin Company, Cincinnati, Ohio. Organ console. 101,941; Nov. 17.
Dean, John D., Tolworth, England. Combined hair brush and comb. 101,982; Nov. 17.
Dictograph Products Company. (See Breen, Frederick M., assignor.)
Dognin, Jean, New York, N. Y. Lace. 102,019; Nov. 17.
Duncan, Donald T., Mount Vernon, N. Y. Textile fabric. 101,942; Nov. 17.
Duncan, James E., 3d, and R. A. May, assignors to The Duncan & Miller Glass Company, Washington, Pa. Glass plate or similar article. 101,983; Nov. 17.
Duncan & Miller Glass Company, The. (See Duncan, J. E., 3d, and May, assignors.)
Ebeling & Reuss, Inc. (See Kogan, Belle, assignor.)
Eddy, Albert I., Hillside, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Battery electrode element. 102,020; Nov. 17.
Edison, Thomas A., Incorporated. (See Eddy, Albert I., assignor.)
Fisher, Fred H., Syracuse, assignor to Morris W. Haft & Brothers, Inc., New York, N. Y. Button. 101,943; Nov. 17.
Fisher, Fred H., Syracuse, assignor to Morris W. Haft & Brothers, Inc., New York, N. Y. Button. 101,944; Nov. 17.
Fisher, Fred H., Syracuse, assignor to Morris W. Haft & Brothers, Inc., New York, N. Y. Button. 101,945; Nov. 17.
Freysinger, John B., New Britain, Conn. Buckle. 101,946; Nov. 17.
Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 101,984; Nov. 17.
General Motors Corporation. (See Hershey, Franklin Q., assignor.)
General Motors Corporation. (See Milner, Wilfred R.)
Gillette Sweeper Corp. Ltd. (See Smith, Earle R., assignor.)
Gottlieb, Ida. (See Brenowitz, J., and Gottlieb.)
Haft, Morris W., & Brothers, Inc. (See Fisher, Freed H., assignor.)
Hagerstrom, Maurice, East Orange, N. J. Finger ring or similar article. 101,947; Nov. 17.
Haley, James R., New York, assignor to Welbilt Stove Company, Inc., Maspeth, N. Y. Range or similar article. 101,985; Nov. 17.
Hart, Laurence E., and H. E. Lewy, New York, N. Y. Lace. 101,986; Nov. 17.
Hart, Laurence E., and H. E. Lewy, New York, N. Y. Lace. 101,987; Nov. 17.

Hazel-Atlas Glass Company. (See Smith, Frasier, assignor.)
Heim, Jacques, Paris, France. Textile fabric or similar article. 101,948; Nov. 17.
Heim, Jacques, Paris, France. Textile fabric or similar article. 101,949; Nov. 17.
Heim, Jacques, Paris, France. Textile fabric or similar article. 101,950; Nov. 17.
Heim, Jacques, Paris, France. Textile fabric or similar article. 101,951; Nov. 17.
Heim, Jacques, Paris, France. Textile fabric or similar article. 101,952; Nov. 17.
Heim, Jacques, Paris, France. Textile fabric or similar article. 101,988; Nov. 17.
Heim, Jacques, Paris, France. Textile fabric or similar article. 101,989; Nov. 17.
Heise, Arthur C. and M. W. Jacobi, Baltimore, Md. Table radio cabinet. 102,021; Nov. 17.
Henry, Harry H., assignor to Battery Patents Corporation, Chicago, Ill. Handle bar. 101,953; Nov. 17.
Hershey, Franklin Q., assignor to General Motors Corporation, Detroit, Mich. Radiator ornament. 101,990; Nov. 17.
Hettrick Manufacturing Company, The. (See Smith, Milton B., assignor.)
Holmes, Mary C., New York, N. Y. Medallion. 101,954; Nov. 17.
Humbard, Robert L., Palm Springs, and R. J. Burke, Altadena, Calif. Combined beverage measure and dispenser. 101,955; Nov. 17.
Humphrey, Clen S., Brooklyn, N. Y. Dispensing top for containers. 101,991; Nov. 17.
Jacobi, Millard W. (See Heise, A. C., and Jacobi.)
Kenda, George, New York, and E. M. Porter, Brooklyn, assignors to Universal Camera Corporation, New York, N. Y. Projector or similar article. 101,956; Nov. 17.
Koch, William P., Oak Park, assignor to Chicago Die Casting Mfg. Co., Chicago, Ill. Fruit juice extractor. 101,957; Nov. 17.
Kogan, Belle, New York, N. Y., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa. Cup or similar article. 101,958; Nov. 17.
Kogan, Belle, New York, N. Y., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa. Sugar bowl or similar article. 101,959; Nov. 17.
Kogan, Belle, New York, N. Y., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa. Teapot or similar article. 101,960; Nov. 17.
Kogan, Belle, New York, N. Y., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa. Pitcher or similar article. 101,961; Nov. 17.
Larson, Swan E., assignor to Geo. D. Roper Corporation, Rockford, Ill. Water system pump unit. 101,992; Nov. 17.
Lattner, Emert J., Cedar Rapids, Iowa. Pump unit for oil burners. 101,993; Nov. 17.
Lattner, Emert J., Cedar Rapids, Iowa. Pump unit for oil burners. 101,994; Nov. 17.
Le Breux, Louis, assignor to The Beardsley & Wolcott Manufacturing Company, Waterbury, Conn. Upholstery nail. 101,962; Nov. 17.
Le Clercq, Raymond, Los Angeles, Calif. Battery box. 101,995; Nov. 17.
Lewy, Herbert E. (See Hart, L. E., and Lewy.)
Mackey, Wallace B., Upper Montclair, N. J. Shoe or similar article. 101,963; Nov. 17.
Martin, Raymond H., assignor to The Bassick Company, Bridgeport, Conn. Drawer pull. 101,964; Nov. 17.
Martin, Raymond H., assignor to The Bassick Company, Bridgeport, Conn. Drawer pull. 101,965; Nov. 17.
May, Robert A. (See Duncan, J. E., 3d, and May.)
Meeker, Corry T., Joplin, Mo. Billfold. 101,996; Nov. 17.
Meyers, Wallace E., New York, N. Y. Glove. 101,997; Nov. 17.
Milner, Wilfred R., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Radiator ornament. 101,998; Nov. 17.
Musselman, Alvin J., Cleveland Heights, Ohio. Coaster brake. 101,999; Nov. 17.
Norwood, Harry Y., West Rush, and H. S. Robbins, assignors to Taylor Instrument Companies, Rochester, N. Y. Instrument case. 102,000; Nov. 17.
Nycz, Henry J., Milwaukee, Wis. Toy cannon. 101,966; Nov. 17.
Owens-Illinois Glass Company. (See Fuerst, Edwin W., assignor.)
Pawsat, Ewald F., Maysville, Ky., assignor to Wald Manufacturing Company, Incorporated. Luggage carrier for bicycles or the like. 101,967; Nov. 17.
Pawsat, Ewald F., Maysville, Ky., assignor to Wald Manufacturing Company, Incorporated. Bicycle luggage carrier. 101,968; Nov. 17.
Peebles, Robert D., assignor to The Waterbury Button Company, Waterbury, Conn. Humming musical instrument. 101,969; Nov. 17.
Piffath, Peter, Elmhurst, N. Y. Induction coil casing. 102,001; Nov. 17.
Porter, Everett M. (See Kende, G., and Porter.)
Portong, Ludolf, New York, N. Y. Textile fabric or similar article. 102,002; Nov. 17.
Raetsch, Carl, Grunberg, Germany. Combined liquor container cluster and support therefor. 102,003; Nov. 17.
Reiman, Paul, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 101,970; Nov. 17.
Richardson Company, The. (See Rieser, Oliver O., assignor.)
Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 102,004; Nov. 17.
Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 102,005; Nov. 17.
Ritzenthaler, John C. O., Montclair, N. J. Display container or similar article. 102,006; Nov. 17.
Robbins, Harold S. (See Norwood, H. Y., and Robbins, assignors.)
Roper, Geo. D., Corporation. (See Larson, Swan E., assignor.)
Schuster, Otto, Prospect, assignor to The Beardsley & Wolcott Manufacturing Company, Waterbury, Conn. Upholstery nail. 101,971; Nov. 17.
Schuster, Otto, Prospect, assignor to The Beardsley & Wolcott Manufacturing Company, Waterbury, Conn. Upholstery nail. 101,972; Nov. 17.
Schuster, Otto, Prospect, assignor to The Beardsley & Wolcott Manufacturing Company, Waterbury, Conn. Upholstery nail. 101,973; Nov. 17.
Scovill Manufacturing Company. (See Barrett, Colin D., assignor.)
Sebek, Albert, Cicero, Ill. Automobile radiator cap ornament. 102,007; Nov. 17.
Sengbusch, Gustav J., Milwaukee, Wis. Base for a desk set or the like. 101,974; Nov. 17.
Smith, Earle R., Alhambra, assignor to Gillette Sweeper Corp. Ltd, Los Angeles, Calif. Carpet sweeper. 101,975; Nov. 17.
Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. 102,008; Nov. 17.
Smith, Milton B., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Lounge chair. 101,976; Nov. 17.
Stein, Jacob, New York, N. Y. Reversible raincape. 102,009; Nov. 17.
Steinman, William G., New York, N. Y. Dress. 102,010; Nov. 17.
Taylor Instrument Companies. (See Norwood, H. Y., and Robbins, assignors.)
United States Rubber Products, Inc. (See Craver, Bates B., assignor.)
Universal Camera Corporation. (See Kende, G., and Porter, assignors.)
Vuillemenot, Frederic A., Toledo, Ohio. Atomizer. 102,011; Nov. 17.
Vuillemenot, Frederic A., Toledo, Ohio. Atomizer. 102,012; Nov. 17.
Vuillemenot, Frederic A., Toledo, Ohio. Atomizer. 102,013; Nov. 17.
Vuillemenot, Frederic A., Toledo, Ohio. Atomizer. 102,014; Nov. 17.
Wald Manufacturing Company. (See Pawsat, Ewald F., assignor.)
Waterbury Button Company, The. (See Peebles, Robert D., assignor.)
Weiner, George H., Chicago, Ill. Twin socket lighting unit. 102,015; Nov. 17.
Welbilt Stove Company. (See Haley, James R., assignor.)
Willheim, William, Co. Inc. (See Castro, Emanuel, assignor.)
Williams, David S., Portland, Oreg. Drain. 101,978; Nov. 17.
Wilmet, Georges, New York, N. Y., assignor to Armstrong Cork Company, Lancaster, Pa. Container. 102,016; Nov. 17.
Wilson, Peter, Berkeley, Calif. Showcase. 102,022; Nov. 17.
Yale Fabrics Corp. (See Reiman, Paul, assignor.)
Zuckerman, Henry, New York, N. Y. Shoe. 101,977; Nov. 17.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 17TH DAY OF NOVEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abraham, Leonard G., Madison, and A. F. Grenell, Montclair, N. J.; said Abraham assignor to American Telephone and Telegraph Company, and said Grenell assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,060,843; Nov. 17.
Acheson, Marcus A., Schenectady, N. Y., assignor to General Electric Company. Water jacket for electric discharge devices. 2,061,415; Nov. 17.
Acly, Harry M. (See Treanor, E. D., and Acly, assignors.)
Acme Electric & Manufacturing Company, The. (See Comstock, J. A., and Dyer, assignors.)
Acme Sheet Metal Works. (See Suhr, Herman, assignor.)
Acoustograph Limited. (See Democratis, Achille, assignor.)
Adair, John H., Amarillo, Tex. Highway-rail vehicle. 2,061,298; Nov. 17.
Adams, Robert, Bad Kreuznach, assignor to Seitz-Werke G. m. b. H., Rheinland, Germany. Sifting, straining, or filtering apparatus. 2,061,340; Nov. 17.
Adlake Company, The. (See Gehrand, C. E., and Larson, assignors.)
Adlake Company, The. (See Larson, Carl H., assignor.)
Adlam, Thomas N., West Orange, N. J. Heating system. 2,060,844; Nov. 17.
Agfa Ansco Corporation. (See Goldhammer, Leo, assignor.)
Agfa Ansco Corporation. (See Tanzen, August, assignor.)
Aigner, Hans, assignor to Eric von Latscher-Latka, Vienna, Austria. Slug-shooting attachment for machine guns. 2,061,341; Nov. 17.
Air-Way Electric Appliance Corporation. (See Riebel, Frederick, Jr., assignor.)
Alabama Pipe Company. (See Pace, John W., assignor.)
Alkins, William E. (See Anstey, H. C., and Alkins.)
Allard, François, Mont-sur-Marchienne, Belgium. Apparatus for the pneumatic separation of materials. 2,060,966; Nov. 17.
Allis-Chalmers Manufacturing Company. (See Smith, Beecher D., assignor.)
Aluminum Specialty Company. (See Spindler, Walter E., assignor.)
Alvarado, Alfonso M., R. B. Flint, and L. P. Hubbuch, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated fabric. 2,061,127; Nov. 17.
Amal Limited. (See Rae, W., and Tisdell, assignors.)
Amco, Incorporated. (See Geer, Paul L., assignor.)
Amco, Incorporated. (See Morton, William A., assignor.)
American Foundry Equipment Company, The. (See Soverhill, Harvey A., assignor.)
American Hardware Corporation, The. (See Tracy, John M., assignor.)
American Hoist and Derrick Company. (See Hollerbach, Walter M., assignor.)
American Locomotive Company. (See Kindervater, Julius, assignor.)
American Oak Leather Co., The. (See Wilson, Earle, assignor.)
American Pearl Button Co. (See Knott, Harry H., assignor.)
American Sales Book Company. (See Nixon, Ernest G., assignor.)
American Sheet and Tin Plate Company. (See Hunter, J. A., and Ihrig, assignors.)
American Smelting and Refining Company. (See Perkins, Melville F., assignor.)
American Steel and Wire Company of New Jersey, The. (See Dillon, Edmund B., assignor.)
American Steel and Wire Company of New Jersey, The. (See Skinner, Chester, assignor.)
American Telephone and Telegraph Company. (See Abraham, L. G., assignor, and Grenell.)
American Telephone and Telegraph Company. (See Edwards, William H., assignor.)
American Telephone and Telegraph Company. (See Espenschied, L., and Monk, assignors.)
Anderegg, Reuben H., assignor to The Trane Company, La Crosse, Wis. Air conditioning apparatus. 2,061,447; Nov. 17.
Anderson, Albert T., Chicago, Ill. Smoking pipe attachment. 2,061,055; Nov. 17.
Anderson Company, The. (See Smulski, Theodore J., assignor.)
Anderson, Swan F., Rockford, Ill. Capping mechanism. 2,060,967; Nov. 17.
Andrès, Louis, Grand, Couronne, assignor to Société d'Etudes pour la Fabrication et l'Emploi des Engrais Chimiques, Paris, France. Separation of ammonium salts from their mixtures with other salts. 2,061,128; Nov. 17.
Anetsberger, Frank A., Chicago, Ill. Cooking utensil. 2,061,533; Nov. 17.
Angell, Arnold A., Oak Park, Ill. Brush and making same. 2,061,129; Nov. 17.
Annen, James E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Cup or dish. 2,060,781; Nov. 17.
Anstey, Henry C., Cheadle, Stoke-on-Trent, and W. E. Alkins, Leek, assignors to Thomas Bolton & Sons Limited, Widnes, England. Nonferrous metal. 2,060,919; Nov. 17.
Anstey, Henry C., Cheadle, Stoke-on-Trent, and W. E. Alkins, Leek, assignors to Thomas Bolton & Sons Limited, Widnes, England. Nonferrous metal. 2,060,920; Nov. 17.
Apple, Bessie D. (See Cotterman, Frederick W., assignor.)
Arden, Thomas R., Baldwin, N. Y. Adjustable peep sight for firearms. 2,061,017; Nov. 17.
Armour and Company. (See Ralston, A. W., Pool, and Harwood, assignor.)
Armstrong, Victor C., Short Hills, N. J., assignor to The Rail Joint Company, New York, N. Y. Fabricating splice bars. 2,060,782; Nov. 17.
Ashton, Philip E., assignor to The Cuno Engineering Corporation, Meriden, Conn. Cigar lighter. 2,060,783; Nov. 17.
Ashton, Ward, Ottawa, Ontario, Canada. Identification tag. 2,060,921; Nov. 17.
Associated Patentees, Inc. (See Borton, Alwyn E., assignor.)
Au-Miller, Cleve M., Mifflinburg, Pa. Unitensioned drum. 2,061,244; Nov. 17.
Austin, Edward. (See Crosley, P., and Austin.)
Babcock & Wilcox Company, The. (See Kerr, Howard J., assignor.)
Bailey Meter Company. (See Lucke, Charles E., assignor.)
Bake, Louis S. (See Downing, F. B., Bake, and Parmelee.)
Baker, Edwin M., Ann Arbor, Mich., and L. C. Borchert, Chicago, Ill., assignors to General Spring Bumper Corporation, Detroit, Mich. Plating and article produced thereby. 2,061,056; Nov. 17.
Baldwin, Alfred W., Blackley, Reginald W. Everatt, Heysham, and A. H. Knight, Blackley, England, assignors to Imperial Chemical Industries Limited. N-ethyl, n-ethylol cresidine and producing same. 2,060,845; Nov. 17.
Baldwin-Southwark Corporation. (See Larner, C. W., and Kruse, assignors.)
Balz, Otto, A. Leber, Mannheim, and H. Diekmann, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Fertilizer in granular form. 2,061,534; Nov. 17.
Balzer, Frederick L., Beaver Falls, Pa. Stoking device. 2,061,130; Nov. 17.
Bancroft, Charles, New Canaan, Conn. Rotary engine construction. 2,061,131; Nov. 17.
Barlow, Harry, and T. Birkland, Port Blakely, Wash. Ship's lifesaving device. 2,060,792; Nov. 17.
Barrett Company, The. (See Eckert, Clarence R., assignor.)
Bary, Victor A., London, England. Lubricated axle bearing. 2,060,793; Nov. 17.
Bates, Harry, assignor to Bates Laboratories, Inc., New York, N. Y. Toy typewriter. 2,061,342; Nov. 17.
Bates Laboratories, Inc. (See Bates, Harry, assignor.)
Bath, John, & Company. (See Bath, John, and S. W., assignors.)
Bath, John and S. W., Shrewsbury, assignor to John Bath & Company, Worcester, Mass. Work table and feeding mechanism therefor. 2,061,448; Nov. 17.
Bath, Stanley W. (See Bath, John, and S. W.)
Bauer, Paul E., Westbury, N. Y. Telephone stand holder. 2,061,449; Nov. 17.
Bauer, William G., New York, N. Y. Eyelid cap. 2,061,183; Nov. 17.
Beacom, Robert. (See Drissner, A. E., and Beacom.)
Beauchamp, Fred, North Haven, Conn., assignor to Lancaster Iron Works, Inc., Lancaster, Pa. Auxiliary strike for brick machines. 2,061,497; Nov. 17.
Beck, Bjorn O. and H. L., Chicago, and C. H. Gunthorp, Des Plaines, Ill. Electric heating device and making same. 2,060,968; Nov. 17.
Beck, Hubert L. (See Beck, Bjorn O. and H. L., and Gunthorp.)
Beck, Koller & Company. (See Krumbhaar, Wilhelm, assignor.)
Becker, Nicolas, Nice, France. Device for molding the breasts in the contours and form desired. 2,061,268; Nov. 17.

Beers, George L., Collingswood, N. J., assignor to Radio Corporation of America. Automatic volume control with noise suppressor. 2,060,969; Nov. 17.

Belden, Clements G., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Spacer. 2,060,970; Nov. 17.

Bell, Allan H., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Making spindles for lamp standards and the like and products thereof. 2,061,132; Nov. 17.

Bell, Allan H., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Making spindles for lamp standards and the like and products thereof. 2,061,133; Nov. 17.

Bell Punch Company Limited. (See Black, H. D., and Webb, assignors.)

Bell Telephone Laboratories, Incorporated. (See Abraham, L. G., and Grenell, assignor.)

Bell Telephone Laboratories, Incorporated. (See Green, Irving W., assignor.)

Bell Telephone Laboratories, Incorporated. (See Ingmanson, John H., assignor.)

Bell Telephone Laboratories, Incorporated. (See Rockwood, George H., Jr., assignor.)

Bell Telephone Laboratories, Incorporated. (See Rosene, Victor E., assignor.)

Bell Telephone Laboratories, Incorporated. (See Smith, George O., assignor.)

Bell Telephone Laboratories, Incorporated. (See Weaver, L. L., and Webber, assignors.)

Bendix Aviation Corporation. (See Carroll, Eugene G., assignor.)

Bendix Aviation Corporation. (See Hedler, Edwin C., assignor.)

Bendix Aviation Corporation. (See Hunt, Scott F., assignor.)

Bendix Aviation Corporation. (See La Brie, Ludger E., assignor.)

Bendix Aviation Corporation. (See Starr, Albert C., assignor.)

Bendix Aviation Corporation. (See Wadsworth, Frank L. O., assignor.)

Bendix Brake Company. (See Carroll, Eugene G., assignor.)

Bendix Brake Company. (See La Brie, Ludger E., assignor.)

Bendix Brake Company. (See McConkey, Montgomery W., assignor.)

Bendix Brake Company. (See Parker, H. F., and House, assignors.)

Bendix Brake Company. (See Taylor, Cecil H., assignor.)

Bendix Brake Company. (See White, Clyde L., assignor.)

Bendix Products Corporation. (See La Brie, Ludger E., assignor.)

Bendix Products Corporation. (See Linthwaite, Owen C., assignor.)

Bendix-Westinghouse Automotive Air Brake Company. (See Vorech, Stephen, assignor.)

Bent, James A., Detroit, Mich. Engine mounting. 2,060,784; Nov. 17.

Beringer, Roscoe, assignor to General Motors Corporation, Detroit, Mich. Synchronizing clutch mechanism. 2,060,971; Nov. 17.

Berryman, J. S., Jr., et al. (See Brewer, John G., assignor.)

Bichler, Charles H., Paris, and G. Eyssartier, Arcachon, France. Liquid purifier. 2,061,343; Nov. 17.

Bigler, Eugene, Oklahoma City, Okla., assignor to T. M. Pyle, trustee. Rotary reamer for oil, gas, and other wells. 2,061,057; Nov. 17.

Binns, George W., and C. Booth, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,060,785; Nov. 17.

Bingman, Frederick P., Birmingham, assignor to The R. C. Mahon Company, Detroit, Mich. Air conditioning apparatus. 2,061,344; Nov. 17.

Bird, Whitworth F., Springfield, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Producing ply yarn. 2,061,498; Nov. 17.

Birkland, Torger. (See Barlow, H., and Birkland.)

Bissiri, Augusto, Los Angeles, and F. G. Carling, Hollywood, assignors to Carling-Larrabee Company, Hollywood, Calif. Game apparatus. 2,061,135; Nov. 17.

Black, Horace D., London, and C. F. Webb, Eastcote, assignors to Bell Punch Company Limited, London, England: Device, more particularly manifold writing device for issuing tickets or the like. 2,060,922; Nov. 17.

Bley, Rudolph S., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Producing alloprene-rayon and products thereof. 2,060,786; Nov. 17.

Bley, Rudolph S., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Viscose and cuprammonium cellulose spinning solutions and products thereof. 2,060,787; Nov. 17.

"Blitz-Filter" G. m. b. H. (See Voigt, Ottomar, assignor.)

Blume, Albert F., New York, N. Y. Radio system. 2,061,416; Nov. 17.

Bockmühl, Max, G. Ehrhart, and L. Stein, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing racemic compounds of the 1-hydroxyphenyl-2-aminopropan-1-ol series. 2,061,136; Nov. 17.

Boddinghouse, Emmons R., assignor to Gas Tool Patents Corporation, Chicago, Ill. Power hammer. 2,061,345; Nov. 17.

Bode, Frank, New York, N. Y. Clothes drier. 2,061,499; Nov. 17.

Bögemann, Max. (See Orthner, L., and Bögemann.)

Bohme, H. Th. Aktiengesellschaft. (See Kling, Walter, assignor.)

Bolton, Thomas, & Sons Limited. (See Anstey, H. C., and Aikins, assignors.)

Bonam, Roy W. (See Bonem, F. X., and Bonam.)

Bonem, Frank X., and R. W. Bonam, Detroit, Mich. Gas mixer. 2,060,972; Nov. 17.

Booth, Clement. (See Binns, G. W., and Booth.)

Borchert, Leslie C. (See Baker, E. M., and Borchert.)

Borg-Warner Corporation. (See Swennes, Benjamin A., assignor.)

Bornhauser, Otto E., assignor to The Her-Born Engineering and Manufacturing Company, Sandusky, Ohio. Stoker. 2,061,450; Nov. 17.

Borton, Alwyn E., South Orange, assignor, by mesne assignments, to Associated Patentees, Inc., Ampere, N. J. Stock former. 2,060,794; Nov. 17.

Boston Blacking & Chemical Co. (See Wedger, Walter H., assignor.)

Bowen, Edgar E. W., Bethesda, Md. Expansible mold. 2,061,137; Nov. 17.

Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Compensating master cylinder. 2,060,846; Nov. 17.

Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Sealing means. 2,060,847; Nov. 17.

Boyle, John R., assignor to Illinois Testing Laboratories, Inc., Chicago, Ill. Air velocity meter. 2,060,848; Nov. 17.

Brack, John D., assignor to Louisiana Supply Company, Sulphur, La. Direction changing drilling device. 2,061,317; Nov. 17.

Brack, John D., Sulphur, La., and H. F. Whiton, New York, N. Y. Drill hole deflector. 2,061,316; Nov. 17.

Bradbury, William T., Kankakee, Ill., assignor to Florence Stove Company, Boston, Mass. Fuel supply apparatus for oil burners. 2,061,138; Nov. 17.

Brainard, Frank W., et al. (See Crum, Roland R., assignor.)

Bratton, Edward W. (See Heyroth, A. H., and Bratton.)

Braun, Carl, Inc. (See Williams, Lester J., assignor.)

Brautigam, Otto G., Jersey City, N. J., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Labeling machine. 2,060,788; Nov. 17.

Breese, James L., Jr., Santa Fe, N. Mex. Air conditioning system for motor vehicle bodies. 2,060,923; Nov. 17.

Breeze Corporations, Inc. (See Flynt, Louis W. G., assignor.)

Breeze Corporations, Inc. (See Santore, Cono, assignor.)

Brent, George F., and J. M. Guthrie, Pittsburgh, Pa., said Guthrie assignor to said Brent. Venetian blind. 2,061,373; Nov. 17.

Brewer, John G., assignor of 9/100 to J. S. Berryman, Jr., 9/100 to H. Young, and 7/100 to L. C. Lucy, Piedmont, Mo. Wall canvassing binder. 2,060,924; Nov. 17.

Brewer, Vivian W., Minneapolis, Minn., assignor to Gro-Lux, Incorporated, St. Paul, Minn. Fertilizer and effecting distribution thereof. 2,061,500; Nov. 17.

Brier Manufacturing Company. (See Kraemer, Julius H., assignor.)

Briggs, James F. S., Whangarei, New Zealand. Thermostatically controlled electric switch. 2,061,346; Nov. 17.

Bromwell Wire Goods Company, The. (See Melish, Thomas G., assignor.)

Brosh, George J. (See Brosh, Orce F. and G. J.)

Brosh, Orce F. and G. J., Norway, Iowa. Embalming apparatus. 2,060,925; Nov. 17.

Brown, Robert E., assignor to The Fulton Syphon Company, Knoxville, Tenn. Method and apparatus for rolling bellows. 2,061,501; Nov. 17.

Brown, Thomas E., Jr., Tuxedo, and S. Hardesty, Larchmont, N. Y. Game apparatus. 2,060,973; Nov. 17.

Brubaker, William A. (See Kline, W., and Brubaker.)

Brückmann, William F., Evanston, Ill. Printing plate mounting. 2,061,058; Nov. 17.

Brumbach, Price. (See Micheal, G. L., and Brumbach.)

Buckles, Herbert E. (See Dienner, John A., assignor.)

Buckley, John P., Washington, D. C. Educational device. 2,060,974; Nov. 17.

Builders Iron Foundry. (See Smith, Ed S., Jr., assignor.)

Bulger, J. Arch. (See Strom, Algot, assignor.)

Bullard, William J., West Orange, assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical measuring device. 2,060,849; Nov. 17.

Buquor, Adolph P., York, assignor by mesne assignments, to Reconstruction Finance Corporation, Philadelphia, Pa. Suspension and load equalizing system for vehicles. 2,060,789; Nov. 17.

Burke, James P., assignor of one-third to J. L. Callaway, Sr., Knoxville, Tenn. Heater. 2,060,795; Nov. 17.

Burkholder, John C. (See Tebo, G. B., and Burkholder.)

Bush, Arthur G., Davenport, Iowa. Bottle. 2,061,095; Nov. 17.

Butler, John M. (See Fraher, R. E., Butler, Hendricks, and Kipman.)

Cadoret, J. R., et al. (See Mueller, Frank, assignor.)

Cahoon, Nelson C., Fremont, Ohio, assignor to Union Carbide and Carbon Corporation. Dry cell. 2,060,796; Nov. 17.

Calcott, William S., Penns Grove, N. J., and R. G. Clarkson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Quaternary ammonium compounds and the production thereof. 2,060,850; Nov. 17.

Calcott, William S., Woodstown, N. J., and R. G. Clarkson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical compounds. 2,060,851; Nov. 17.

California Consumers Corporation. (See Meinzer, Gotthold H., assignor.)

California Fruit Growers Exchange. (See Joseph, Glenn H., assignor.)

Callaway, John L., Sr. (See Burke, James P., assignor.)

Calvert, John F., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Diminishing corona and insulation heating at the ends of slots. 2,061,502; Nov. 17.

Calvert, John F., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Diminishing corona and insulation heating at the ends of slots. 2,061,503; Nov. 17.

Cambridge Instrument Company, The. (See Hutton, Ulric O., assignor.)

Comerford, M. B., et al. (See Mueller, Frank, assignor.)

Camp, Curtis B., Glencoe, Ill. Food product. 2,061,184; Nov. 17.

Campbell, Vernon W., Nashua, N. H., assignor to C. F. Church Mfg. Co., Willimansett, Mass. Hinge for toilet seats and covers. 2,060,852; Nov. 17.

Carling, Clifford. (See Bissiri, A., and Carling.)

Carling-Larrabee Company. (See Bissiri, A., and Carling, assignors.)

Carlson, Adolph E., Burbank, Calif. Fountain pen. 2,061,059; Nov. 17.

Carlson, Anthony E., Los Angeles, Calif. Nonsanding pump. 2,061,060; Nov. 17.

Carlson, Oscar F., assignor to Oscar F. Carlson Company, Chicago, Ill. Control means. 2,061,270; Nov. 17.

Carlson, Oscar F., Company. (See Carlson, Oscar F., assignor.)

Carnation Company. (See Henszey, Roy O., assignor.)

Carothers, Wallace H., Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogen polysulphide addition products of unsaturated aliphatic hydrocarbons and producing them. 2,061,018; Nov. 17.

Carroll, Eugene G., Los Angeles, Calif, assignor, by mesne assignments, to Bendix Brake Company, South Bend, Ind. Automobile brake. 2,060,853; Nov. 17.

Carroll, Eugene G., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,060,854; Nov. 17.

Carter, Albert S., Wilmington, Del., and F. B. Downing, Carney's Point, N. J., assignors to E. I. du Pont de Nemours & Co., Wilmington, Del. Sulphurized unsaturated aliphatic hydrocarbons and preparing them. 2,061,019; Nov. 17.

Casey, Edward F. (See Willey, E. A., and Casey.)

Ceccon, John B., San Francisco, Calif., assignor to San Francisco Sulphur Company. Free flowing sulphur. 2,061,185; Nov. 17.

Cellulose Research Corporation, The. (See Olsen, Fredrich, assignor.)

Cellu-Type Plate Co. (See Schultz, Oswald R., assignor.)

Central Texas Iron Works. (See Roberts, John D., assignor.)

Chambers, Benjamin V., Tampa, Fla. Game apparatus. 2,060,797; Nov. 17.

Chandler, Robert W., assignor to Fitz-On Sales Corporation, Worcester, Mass. Attaching a post to a top-lift. 2,060,790; Nov. 17.

Chapin, Harrison L. (See Folmer, W. F., and Chapin.)

Charch, William Hale, Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproof material and making same. 2,061,374; Nov. 17.

Chase Bag Company, The. (See Cramer, Joseph D., assignor.)

Chicago Telephone Supply Co. (See Schellenger, Newton C., assignor.)

Chittenden, Fayette D., Providence, and K. J. Rupprecht, Barrington, R. I., assignors to United States Rubber Products, Inc., New York, N. Y. Method of and machine for balancing the twist of elastic yarn. 2,061,020; Nov. 17.

Chittenden, Fayette D., Providence, and K. J. Rupprecht, Barrington, R. I., assignors to United States Rubber Products, Inc., New York, N. Y. Elastic yarn and making the same. 2,061,021; Nov. 17.

Christensen, Christen, Maywood, Ill. Display device. 2,061,393; Nov. 17.

Christie, Lindsay R., Pittsburgh, Pa. Treatment of industrial waste and the like. 2,061,022; Nov. 17.

Christie, Stephen, Brooklyn, N. Y. Time controlled radio receiver. 2,061,504; Nov. 17.

Chuck, Faw Y., San Francisco, Calif. Egg treatment process and product. 2,060,926; Nov. 17.

Church, C. F., Mfg. Co. (See Campbell, Vernon W., assignor.)

Cincinnati Grinders Incorporated. (See Binns, G. W., and Booth, assignors.)

Cincinnati Tool Company, The. (See Watcher, Albert K., assignor.)

Clark, Stanley H. (See Hinckley, J. N., and Clark.)

Clarkson, Richard G. (See Calcott, W. S., and Clarkson.)

Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Age resister. 2,061,451; Nov. 17.

Coakley, William E., assignor to Pressed Steel Tank Company, Milwaukee, Wis. Securing bushings to containers. 2,061,269; Nov. 17.

Cobert, Joseph K., Sherbrooke, Ontario, Canada. Sinker head for knitting machines. 2,061,299; Nov. 17.

Cockrell, Herbert C., Washington, D. C., and L. W. Cockrell, East Falls Church, Va. Building tile. 2,060,791; Nov. 17.

Cockrell, Llewellyn W. (See Cockrell, Herbert C., and Cockrell.)

Coe, Herbert L., Steubenville, Ohio. Electric relay. 2,061,347; Nov. 17.

Coeur D'Alene Hardware & Foundry Company. (See Porter, Fred P., assignor.)

Cogdill, William F., Friona, Tex. Lister. 2,061,348; Nov. 17.

Cohen, Alfred, Chicago, assignor to Lady Esther Company, Evanston, Ill. Sample shipping package. 2,061,139; Nov. 17.

Cohen, Ephraim, Baltimore, Md. Clip for garment hangers. 2,061,023; Nov. 17.

Colfin, Pierre, assignor to Societe des Ciments Francais et des Portland de Boulogne-sur-Mer et Compagnie des Portland de Desvres, Paris, France. Manufacture of cement. 2,061,140; Nov. 17.

Colth, Herbert S. (See Votaw, V. M., and Colth.)

Colth, Herbert S., and V. M. Votaw, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Cooking fat and making same. 2,061,122; Nov. 17.

Cole, John E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fluorine containing vat dyes. 2,061,186; Nov. 17.

Coleman, William L., Fort Worth, Tex. Railroad signal. 2,061,349; Nov. 17.

Collins & Aikman Corporation. (See Bird, Whitworth F., assignors.)

Collins, Benjamin W., Swarthmore, assignor to The Viscose Company, Marcus Hook, Pa. Apparatus for purification of caustic hydroxide. 2,061,505; Nov. 17.

Colonial Broach Company. (See Nilsson, Axel L., assignor.)

Colt's Patent Fire Arms Manufacturing Co. (See Moore, Frederick T., assignor.)

Columbus Spindle Co. Inc. (See Colvin, Charles H., assignor.)

Colvin, Charles H., Morristown, assignor to Columbus Spindle Co. Inc., Union City, N. J. Spindle for twisting, spinning, and winding machines or the like. 2,061,187; Nov. 17.

Comstock, James A., and V. H. Dyer, assignors to The Acme Electric & Manufacturing Company, Cleveland, Ohio. Variable voltage transformer. 2,061,452; Nov. 17.

Cone, Frank L., Windsor, Vt. Multiple spindle machine. 2,060,975; Nov. 17.

Conn, George C., Cincinnati, Ohio. Measuring dispenser. 2,061,061; Nov. 17.

Converse Rubber Company. (See Willey, E. A., and Casey, assignors.)

Conwell, Scott R. (See Michel, C. A., and Conwell.)

Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Overrunning clutch. 2,061,220; Nov. 17.

Cottrell, C. B., & Sons Company. (See Cottrell, Calvert B., assignor.)

Cottrell, 3d, Calvert B., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Motive fluid drive for reciprocating elements. 2,061,394; Nov. 17.

Coupier, Marcel M. J. E., Paris, J. R. Hellmann, Clichy, and C. E. Mildé, Paris, France. Covering wires. 2,061,350; Nov. 17.

Cowgill, William W., Fairfield, Conn., assignor to Sardik Incorporated, Jersey City, N. J. Treatment of food materials. 2,061,188; Nov. 17.

Cox, Joseph F., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Button. 2,061,506; Nov. 17.

Craig, Edwin H., Shippensburg, Pa. Game device. 2,061,221; Nov. 17.

Cramer, Joseph D., Goshen, Ind., assignor to The Chase Bag Company, New York, N. Y. Bag or sack. 2,061,375; Nov. 17.

Crawford Door Company, The. (See Graham, Matthew P., assignor.)

Creson, William K., assignor to Ross Gear & Tool Company, Lafayette, Ind. Horn button. 2,061,222; Nov. 17.

Cristiani, Amedeo, Lake Placid, N. Y. Gauge. 2,060,927; Nov. 17.

Critchlow, Ezra F., Munhall, Pa., assignor to Westinghouse Electric & Manufacturing Company. Traffic control apparatus. 2,060,798; Nov. 17.

Crosley, Powel, Jr., and E. Austin, assignors to The Crosley Radio Corporation, Cincinnati, Ohio. Shelf unit for refrigerator doors. 2,061,453; Nov. 17.

Crosley Radio Corporation, The. (See Crosley, P., and Austin, assignors.)

Crossman, Fred, Shaker Heights, assignor to The Lindsay Wire Weaving Company, Cleveland, Ohio. Joint for wire fabric. 2,061,454; Nov. 17.
Crowe, Orley J., Detroit, Mich., assignor to Herron-Zimmers Moulding Company. Molding for automobile roofs and means for securing same. 2,060,976; Nov. 17.
Crum, Roland R., assignor of one-fourth to E. A. Perkins and three-eighths to F. W. Brainard, Whittier, Calif. Roller bit bearing structure. 2,061,141; Nov. 17.
Cunningham, Francis E., and D. Fergusson, assignors to James Cunningham, Son & Company, Rochester, N. Y. Chain construction. 2,061,223; Nov. 17.
Cunningham, Harry G. (See Garbutt, F. E., Ingman, and Cunningham.)
Cunningham, James, Son & Company. (See Cunningham, F. E., and Fergusson, assignors.)
Cunningham, James, Son & Company. (See Fergusson, David, assignor.)
Cuno Engineering Corporation. (See Ashton, Philip E., assignor.)
Cutler-Hammer, Inc. (See Lockett, Ralph G., assignor.)
Dällenbach, Walter, Berlin-Charlottenburg, Germany. Electric discharge apparatus. 2,061,507; Nov. 17.
Dällenbach, Walter, Berlin-Charlottenburg Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Ultra short wave apparatus. 2,061,508; Nov. 17.
Damitz, Frederick M., assignor to Irvington Varnish & Insulator Co., Irvington, N. J. Material for making closure liners. 2,060,928; Nov. 17.
Dangelmajer, Charles, Niagara Falls, N. Y., and E. C. Perkins, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Tanning process. 2,061,063; Nov. 17.
Daniels, Carl B., and E. J. Graham, Denver, Colo. Beet topping device. 2,061,395; Nov. 17.
Daniels, Fred C. T., Pittsburgh, Pa. Processing roll and producing same. 2,061,300; Nov. 17.
Davidson, Joseph K. (See Folmer, W. F., and Chapin, assignors.)
Davies, Charles, New York, N. Y. Ventilator. 2,061,535; Nov. 17.
Davis, Ernest W., Oak Park, and L. A. Williams, Jr., Winnetka, assignors to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,061,062; Nov. 17.
Davock, Harlow N., Birmingham, Mich. Washbasin. 2,060,855; Nov. 17.
De Bell, John M., Newark, assignor to Hercules Powder Company, Wilmington, Del. Insulated electrical conductor. 2,060,856; Nov. 17.
De Boer, Jan H., W. C. van Geel, and M. C. Tevers, Eindhoven, Netheralands, assignors to Radio Corporation of America. Photoelectric device. 2,060,977; Nov. 17.
Dehn, William C., and M. H. Rix, Three Rivers, Mich., assignors to Fairbanks, Morse & Company, Chicago, Ill. Internal combustion engine. 2,061,396; Nov. 17.
De Laney, William W., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Impregnated article. 2,061,509; Nov. 17.
De los Santos, Emil, Brooklyn, N. Y. Electric hair waving apparatus. 2,060,929; Nov. 17.
Delphos Bending Company, The. (See Sweet, Clifford I., assignor.)
Democratis, Achille, assignor to Acoustograph Limited, London, England. Tracking device for gramophone sound recording attachments. 2,061,224; Nov. 17.
Denhard, Harry W., Oakland, assignor to Oliver United Filters Incorporated, San Francisco, Calif. Filter leaf. 2,061,351; Nov. 17.
De Nicola, John, Paterson, N. J. Thermostatic valve. 2,060,857; Nov. 17.
Democenzo, Antonio, Los Angeles, Calif. Foot treating bowl and footrest. 2,061,142; Nov. 27.
De Reamer, William J., Crown Point, assignor to Mapes Consolidated Manufacturing Company, Griffith, Ind. Egg carton. 2,061,064; Nov. 17.
De Reamer, William J., Crown Point, assignor to Mapes Consolidated Manufacturing Company, Griffith, Ind. Egg tray. 2,061,065; Nov. 17.
De Stoutz, Robert, Zurich, Switzerland. Piston spinning pump. 2,061,144; Nov. 17.
De St. Mart, Jean, Beverly Hills, Calif. Card table. 2,061,143; Nov. 17.
Detroit Electric Furnace Company. (See Rhoads, Albert E., assignor.)
Detroit Lubricator Company. (See Dillman, Earnest J., assignor.)
Detroit Lubricator Company. (See Eggleston, Lewis W., assignor.)
Detroit Lubricator Company. (See Weber, Walter H., assignor.)
Detroit Lubricator Company. (See Wile, Daniel D., assignor.)
Deutsch, Leo E., asignor to M. W. Deutsch, Hammond, Ind. Adjustable tumbler lock. 2,060,978; Nov. 17.
Deutsch, Marshall W. (See Deutsch, Leo E., assignor.)
De Vilbiss Company, The. (See Potter, Russell L., assignor.)
Diamond Power Specialty Corporation. (See Turner, Charles S., assignor.)
Dickey, Roy N., Seattle, Wash., assignor to Meets-A-Need Manufacturing Company. Detachable canspout. 2,061,024; Nov. 17.
Dictaphone Corporation. (See Norton, Leland D., assignor.)
Diekmann, Heinrich. (See Balz, O., Leber, and Diekmann.)
Dienner, John A., Evanston, Ill., assignor of one-half to H. E. Bucklen, Elkhart, Ind. Internal combustion engine. 2,060,979; Nov. 17.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Electrical control system. 2,061,536; Nov. 17.
Dillon, Edmund B., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Producing wire articles. 2,061,352; Nov. 17.
Dodge, William G. (See Tarvin, C. E., and Dodge, assignors.)
Doherty Research Company. (See Morgan, John D., and Lowe, assignors.)
Donaldson Company. (See Lowther, Wilfred W., assignor.)
Downing, Frederick B. (See Carter, A. S., and Downing.)
Downing, Frederick B., Carneys Point, L. S. Bake, Penns Grove, and A. E. Parmelee, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of lead-sodium-magnesium alloys. 2,061,267; Nov. 17.
Dreher Bros. & Wider. (See Wider, George J., assignor.)
Drissner, Alfred E. (See Stratford, C. W., and Drissner.)
Drissner, Alfred E., and R. Beacom, assignors to The National Acme Company, Cleveland, Ohio. Pick-up mechanism for multiple spindle screw machines. 2,061,417; Nov. 17.
Drummond, Price, Rocky River, Ohio, assignor to National Carbon Company, Inc. Closure for dry cells. 2,060,799; Nov. 17.
Drumpelmann, Carlton T., Wellesley Hills, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Construction toy. 2,061,510; Nov. 17.
Dutling, Paul, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,061,301; Nov. 17.
Duffy, James F., assignor to Duffy Manufacturing Company, Holland, Mich. Inspection cover. 2,061,145; Nov. 17.
Duffy Manufacturing Company. (See Duffy, James F., assignor.)
Dungan, Allan L., executor. (See Dungan, Elmer E.)
Dungan, Elmer E., deceased, A. L. Dungan, executor, Fort Washington, Pa. Weather vane. 2,061,189; Nov. 17.
Dunlop Rubber Company Limited. (See Twiss, D. F., and McCowan, assignors.)
Du Pont, E. I., de Nemours & Company. (See Alvarado, A. M., Flint, and Hubbuch, assignors.)
Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Clarkson, assignors.)
Du Pont, E. I., de Nemours & Company. (See Carothers, Wallace H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Carter, A. S., and Downing, assignors.)
Du Pont, E. I., de Nemours & Company. (See Charch, William H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Cole, John E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Dangelmajer, C., and Perkins, assignors.)
Du Pont, E. I., de Nemours & Company. (See Downing, F. B., Bake, and Parmelee.)
Du Pont, E. I., de Nemours & Company. (See Larson, Alfred T., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lazier, Wilbur A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lubs, H. A., and Fox, assignors.)
Du Pont, E. I., de Nemours & Company. (See Peck, F. W., and Sobatzki, assignors.)
Du Pont, E. I., de Nemours & Company. (See Richardson, E. C., and Vittengl, assignors.)
Du Pont, E. I., de Nemours & Company. (See Scott, Norman D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Snyder, James E., assignor.)
Duvall, Lee J., Louisville, Ky. Propulsion mechanism for bicycles. 2,061,225; Nov. 17.
Dwork, Max, Brooklyn, N. Y. Jacking attachment. 2,061,025; Nov. 17.
Dwork, Max, Brooklyn, N. Y. Jacking attachment. 2,061,026; Nov. 17.
Dyer, Vernon H. (See Comstock, J. A., and Dyer.)
Eagle Manufacturing Company. (See Paull, Samuel O., assignor.)
Eaton, Charles F., West Newbury, Mass., assignor, by mesne assignments, of one-half to North American Holding Corporation, and one-half to Parshad Holding Corporation, Syracuse, N. Y. Apparatus for conditioning shoe bottom fillers. 2,061,226; Nov. 17.
Eaton, Charles F., West Newbury, Mass., assignor, by mesne assignments, of one-half to North American Holding Corporation, and one-half to Parshad Holding Corporation, Syracuse, N. Y. Machine for conditioning shoe bottom fillers. 2,061,455; Nov. 17.
Eckert, Clarence R., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Roll roofing and making same. 2,061,066; Nov. 17.
Eclipse Aviation Corporation. (See Lansing, Raymond P., assignor.)
Eclipse Aviation Corporation. (See McNeil, Charles I., assignor.)

Eclipse Aviation Corporation. (See Nardone, Romeo M., assignor.)
Eclipse Aviation Corporation. (See Nowoslelski, Edward B., assignor.)
Edison General Electric Appliance Company. (See Ettinger, Wallace J., assignor.)
Edison General Electric Appliance Company. (See Ettinger, W. J., and Miller, assignors.)
Edmunds, Phillip S., Troy, Ohio. Timing device. 2,061,511; Nov. 17.
Edwards, William H., Great Neck, N. Y., assignor to American Telephone and Telegraph Company. Signaling system. 2,061,227; Nov. 17.
Eggleston, Lewis W., assignor to Detroit Lubricator Company, Detroit, Mich. Regulator for heating apparatus. 2,061,537; Nov. 17.
Egler, Louis A., Minneapolis, Minn. Bag. 2,061,302; Nov. 17.
Ehrhart, Gustav. (See Bockmühl, M., Ehrhart, and Stein.)
Ehrig, Hans, and U. Kellhauer, Leipzig, Germany. Sheet feeder. 2,060,800; Nov. 17.
Elchstädt, Karl, Berlin, Germany, assignor to Oxford Varnish Corporation, Detroit, Mich. Method and apparatus for decorating surfaces. 2,060,801; Nov. 17.
Eldco, Inc. (See Hokanson, Martin, assignor.)
Eltzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Ticker tape projecting machine. 2,061,512; Nov. 17.
Electric Household Utilities Corporation. (See Hume, John T., assignor.)
Electrolux Corporation. (See Ell, Lars, assignor.)
Ell, Lars, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,060,980; Nov. 17.
Ellacott, Victor H., Spring Valley, Minn. Machine for making and applying staples. 2,060,930; Nov. 17.
Elmer, Nixon W., Oak Park, Ill., assignor to Redler Conveyor Company, Quincy Mass. Conveyer. 2,061,228; Nov. 17.
Elser, Charles, assignor of one-half to A. Gauden, Pine Hill, N. J. Feeding attachment for clothes wringers. 2,061,096; Nov. 17.
Emery, Arthur, Lawrence, Kans. Cornstalk harvester. 2,061,353; Nov. 17.
Emery Industries, Inc. (See Reddish, Warren T., assignor.)
Erban Operating Corporation. (See Madlé, Alain, assignor.)
Ericson, Edward O., Cleveland Heights, Ohio. Electric plug connecter. 2,061,190; Nov. 17.
Eschenbacher, Herman, Ridgewood, and P. Kircher, Brooklyn, assignors to The Jacobs Bros. Co. Inc., Brooklyn, N. Y. Scale. 2,061,271; Nov. 17.
Espenschied, Lloyd, Kew Gardens, and N. Monk, New York, N. Y., assignors to American Telephone and Telegraph Company. Communication with moving trains. 2,061,027; Nov. 17.
Ettinger, Wallace J., assignor to Edison General Electric Appliance Company, Chicago, Ill. Temperature control device. 2,061,418; Nov. 17.
Ettinger, Wallace J., Chicago, and N. Miller, La Grange, assignors to Edison General Electric Appliance Company, Chicago, Ill. Temperature control device. 2,061,419; Nov. 17.
Evans, Ernest W., Vincennes, Ind. Thermostatic switch. 2,061,513; Nov. 17.
Evans, Joshua D., assignor of one-third to J. Wright, Berkeley, Calif. Washing machine mixing tank. 2,061,514; Nov. 17.
Everatt, Reginald W. (See Baldwin, A. W., Everatt, and Knight.)
Everett, Arthur C. (See Lindholm, A. W., and Everett.)
Ewald, Mark, Olympia, Wash., assignor to Special Equipment Company, Portland, Oreg. Knife manufacture. 2,060,802; Nov. 17.
Eyssartier, Georges. (See Bichler, C. H., and Eyssartier.)
Fabrice, Edward H., assignor to Guardian Safety Seal Company, Chicago, Ill. Bottle and seal therefor. 2,061,067; Nov. 17.
Fairbanks, Morse & Company. (See Dehn, W. C., and Rix, assignors.)
Fairbanks, Morse & Co. (See Schou, Theodor, assignor.)
Fairchild Aerial Camera Corporation. (See Gaty, John P., assignor.)
Falk Corporation. (See Falk, Herman W., assignor.)
Falk, Herman W., assignor to Falk Corporation, Milwaukee, Wis. Treating gears. 2,060,803; Nov. 17.
Falk, Morris, Fitchburg, Mass. Removable plug lock. 2,061,456; Nov. 17.
Farley, Mary K., Montreal, Quebec, Canada. Clothes hanger. 2,061,303; Nov. 17.
Federal Foundation Inc. (See Whitlock, R. G., and Sharp, assignors.)
Federholzner, Henry J., Buffalo, N. Y. Lock. 2,061,354; Nov. 17.
Fergusson, David. (See Cunningham, F. E., and Fergusson.)
Fergusson, David, assignor to James Cunningham, Son & Company, Rochester, N. Y. Vehicle tread chain. 2,061,229; Nov. 17.
Ferrand, Louis, Paris, France. Furnace for electrolytic purposes. 2,061,146; Nov. 17.
Fiberloid Corporation, The. (See Parkhurst, Frederic A., assignor.)
Fiesel, Hermann. (See Ruder, H. B., and Fiesel.)
Filipak, Casmier J., assignor to The Holyoke Company, Inc., Holyoke, Mass. Assembling device. 2,061,272; Nov. 17.
Fillinger, William, Sao Paulo, Brazil. Fluid brake. 2,061,147; Nov. 17.
Finch, William G. H., New York, N. Y. Image broadcasting system. 2,061,457; Nov. 17.
Fischer, H. G., & Company. (See Fischer, H. G., Musket, and Osborn, assignors.)
Fischer, Herman G., P. P. Musket, and H. H. Osborn, assignors to H. G. Fischer & Company, Inc., Chicago, Ill. Combined X-ray and fluoroscopic apparatus. 2,060,981; Nov. 17.
Fischer, Peter, Palo Alto, Calif. Support for shelves, table tops, and the like. 2,060,931; Nov. 17.
Fischer, William H., assignor to Knapp-Monarch Company, St. Louis, Mo. Vaporizer. 2,061,148; Nov. 17.
Fish, Edward, New York, N. Y. Advertising card display sign. 2,060,982; Nov. 17.
Fitz-On Sales Corporation. (See Chandler, Robert W., assignor.)
Flint, Robert B. (See Alvarado, A. M., Flint, and Hubbuch.)
Florence Stove Company. (See Bradbury, William T., assignor.)
Flynt, Louis W. G., East Orange, assignor to Breeze Corporations, Inc., Newark, N. J. Making tie rods and blank therefor. 2,060,858; Nov. 17.
Flynt, Louis W. G., East Orange, assignor to Breeze Corporations, Inc., Newark, N. J. Aerofoil wire. 2,060,859; Nov. 17.
Flynt, Louis W. G., East Orange, assignor to Breeze Corporations, Inc., Newark, N. J. Ferrule applying tool. 2,060,860; Nov. 17.
Folmer, William F., and H. L. Chapin, assignors, by mesne assignments, to J. K. Davidson, Rochester, N. Y. Insect exterminating device. 2,061,458; Nov. 17.
Food Machinery Corporation. (See Morse, J. W., and Phillips, assignors.)
Food Machinery Corporation. (See Thompson, A. R., and Halt, assignors.)
Forbes, John S., Pittsburgh, and H. H. Lamar, Wilkinsburg, assignors to Kerotest Manufacturing Company, Pittsburgh, Pa. Valve. 2,061,028; Nov. 17.
Ford Amusement Devices, Inc. (See Squire, Nathen E., assignor.)
Fordyce, Rufus G., Chicago, Ill., assignor to Radium Dial Company, New York, N. Y. Luminous dial. 2,061,097; Nov. 17.
Foreman, William B., Elizabeth City, N. C. Barrel making machine. 2,061,355; Nov. 17.
Forman, Samuel G., Jr. (See Forman, Samuel G., Sr., and S. G., Jr.)
Forman, Samuel G., Sr., and S. G., Jr., Highstown, N. J. Bottle opening tool. 2,061,459; Nov. 17.
Foss, Antonius, O. Jensen, and O. H. Lunde, assignors, to Norsk Hydro-Elektrisk Kvaelstofaktieselskab, Oslo, Norway. Treatment of raw phosphates. 2,061,191; Nov. 17.
Foster, William J., Flint, assignor to General Motors Corporation, Detroit, Mich. Windshield wiper arm. 2,060,983; Nov. 17.
Fox, Arthur L. (See Lubs, H. A., and Fox.)
Fraher, Robert E., Chicago, J. M. Butler, Evanston, A. E. Hendricks, and C. E. L. Lipman, Chicago, assignors to Practical Instrument Company, Chicago, Ill. Recording instrument. 2,060,984; Nov. 17.
Francisco, Ferris Le Roy, New York, N. Y. Vehicle storage structure. 2,061,420; Nov. 17.
Frank, Harrison J. L., W. A. Harper, and J. A. Messing, Detroit, Mich. Electrical distribution system. 2,061,515; Nov. 17.
Frankenburger, Walter, and G. Rössler, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of gelatin reliefs for printing. 2,061,230; Nov. 17.
Fraser, Thomas M., Sheridan, Wyo. Front axle for vehicles. 2,061,231; Nov. 17.
Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Making edgewise wound resistance coils. 2,061,516; Nov. 17.
Freysinger, Paul, and F. L. Nesmith, Lemoyne, Pa. Safety switch. 2,061,460; Nov. 17.
Frickey, Royal E., assignor to Welding Service, Inc., San Francisco, Calif. Rail heating method. 2,060,985; Nov. 17.
Friedrich, Paul, Berlin, Germany. Button fastening device. 2,061,421; Nov. 17.
Friermood, Charles L., assignor to C. K. Hillinger, receiver, The Ridgley Trimmer Company, Springfield, Ohio. Agitating apparatus. 2,060,932; Nov. 17.
Friestedt, Arthur A., McHenry, Ill. Steering controller. 2,060,804; Nov. 17.
Fuchs, Henry O., Dayton, Ohio. Shock absorber. 2,061,068; Nov. 17.
Fulton Sylphon Company, The. (See Brown, Robert E., assignor.)
Garbutt, Frank E., T. M. Ingman, and H. G. Cuninngham, Los Angeles, Calif. Automatic light changer. 2,061,069; Nov. 17.

Garrett, Durland A., Boulder, Colo. Baking process. 2,061,149; Nov. 17.
Gas Tool Patents Corporation. (See Boddinghouse, Emmons R., assignor.)
Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Machine for reclaiming yarn from knitted fabric. 2,061,232; Nov. 17.
Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Reclaiming yarn from multiyarn knitted fabric. 2,061,233; Nov. 17.
Gaty, John P., assignor to Fairchild Aerial Camera Corporation, Woodside, N. Y. Photographic enlarger. 2,061,192; Nov. 17.
Gaubert, Rene J., Oakland, Calif. Wrapping machine. 2,060,986; Nov. 17.
Gauden, Albert. (See Elser, Charles, assignor.)
Gee Pump Company, The. (See Gee, William J., assignor.)
Gee, William J., assignor to The Gee Pump Company, Limited, London, England. Lubricating pump. 2,061,422; Nov. 17.
Geer, Paul L., Bellevue, assignor to Amco, Incorporated, Pittsburgh, Pa. Recuperator structure. 2,061,376; Nov. 17.
Gehrand, Clarence E., and C. H. Larson, Elkhart, Ind., assignors to The Adlake Company. Mercury switch. 2,060,812; Nov. 17.
Geistlinger, Edward, Peekskill, N. Y. Valve for nursing bottles. 2,061,397; Nov. 17.
General Aniline Works, Inc. (See Kemmerich, William E., assignor.)
General Aniline Works, Inc. (See Roos, Hans, assignor.)
General Aniline Works, Inc. (See Zahn, K., Schimmelschmidt, and Koch, assignors.)
General Coating Company, The. (See Ward, Julian P., assignor.)
General Communications Laboratories, Inc. (See Lent, Worthington C., assignor.)
General Electric Company. (See Acheson, Marcus A., assignor.)
General Foundry Machinery Corporation. (See Lawlor, John J., assignor.)
General Electric Company. (See Treanor, E. D., and Acly, assignors.)
General Electric Company. (See Stablein, Wilhelm, assignor.)
General Motors Corporation. (See Belden, Clements G., assignor.)
General Motors Corporation. (See Beringer, Roscoe, assignor.)
General Motors Corporation. (See Foster, William J., assignor.)
General Motors Corporation. (See King, Jesse G., assignor.)
General Motors Corporation. (See Michel, Clarence A., assignor.)
General Motors Corporation. (See Michel, C. A., and Conwell, assignors.)
General Motors Corporation. (See Parker, Guy E., assignor.)
General Motors Corporation. (See Rothrock, George L., assignor.)
General Motors Corporation. (See Terry, Robert, assignor.)
General Motors Corporation. (See Van Degrift, Thomas C., assignor.)
General Register Corporation. (See Soltz, Herman, assignor.)
General Spring Bumper Corporation. (See Baker, E. M., and Borchert, assignors.)
Gerhard, Ernst, Furth, Germany, assignor to N. V. Machinerieen-en Apparaten Fabriken "Mearf", Utrecht, Netherlands. Radio communication with very short waves. 2,060,934; Nov. 17.
Geyer, Harold H. (See Louden, R. L., and Geyer.)
Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Car construction. 2,061,318; Nov. 17.
Gilpin, Garth G., Riverside, assignor to Union Metal Products Company, Chicago, Ill. Car coupler support. 2,061,319; Nov. 17.
Glans, Joseph, Bloomfield, N. J., assignor to Radio Corporation of America. Getter assembly. 2,060,861; Nov. 17.
Glidden Company, The. (See O'Brien, James J., assignor.)
Globar Corporation, The. (See Heyroth, A. H., and Bratton, assignors.)
Gogan, Joseph, Lakewood, Ohio. Quenching machine. 2,061,070; Nov. 17.
Goldhammer, Leo, Munich, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Camera. 2,060,933; Nov. 17.
Goodrie, Joseph J., Chicago, Ill. Flushing valve. 2,061,423; Nov. 17.
Gosewisch, Dorothy, St. George, N. Y. Hair waver. 2,061,356; Nov. 17.
Goss Printing Press Company, The. (See Smith, Ernest J., assignor.)
Goss, William, Chicago, Ill. Plaster supporting device. 2,061,150; Nov. 17.
Gossard, H. W., Company, The. (See Martin, Marie, assignor.)
Gouhin, William J., Ashtabula, Ohio. Burial casket. 2,061,461; Nov. 17.
Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Dewaxing of lubricating oil. 2,060,805; Nov. 17.
Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Dewaxing hydrocarbon oil. 2,061,541; Nov. 17.
Grady, John H., assignor to J. H. Grady Manufacturing Company, St. Louis, Mo. Play ball. 2,060,987; Nov. 17.
Grady, J. H., Manufacturing Company. (See Grady, John H., assignor.)
Graebner, Otto F., Detroit, Mich., assignor to The Murray Corporation of America. Cutaway door-window construction. 2,060,862; Nov. 17.
Graham, Ernest J. (See Daniels, C. B., and Graham.)
Graham, Matthew P., assignor to The Crawford Door Company, Detroit, Mich. Sectional garage door. 2,061,304; Nov. 17.
Graves, Mark S., Los Angeles, Calif. Vehicle safety brake. 2,061,029; Nov. 17.
Green, Irving W., Cranford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Repertory dial. 2,061,273; Nov. 17.
Green, William S., Waukesha, Wis. Commutator truing mechanisms. 2,061,398; Nov. 17.
Grenell, Arthur F. (See Abrahams, L. G., and Grenell.)
Grob, Hugo, Berlin, Germany, assignor to N. V. Machinerieen-en Apparaten Fabriken "Mearf", Utrecht, Netherlands. Arrangement for improving the communication in direct current machines. 2,060,935; Nov. 17.
Grodetzky & Polák. (See Polák, Bohumil, assignor.)
Groll, Herbert P. A., Oakland, and G. Hearne, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Conversion of polyhalogenated alcohols. 2,061,377; Nov. 17.
Gro-Lux, Incorporated. (See Brewer, Vivian W., assignor.)
Groman, Frederick C., Dodge City, Kans. Handy top for containers. 2,061,462; Nov. 17.
Gross, Louis, New York, N. Y. Blood transfusion machine. 2,061,399; Nov. 17.
Grunig, Bernhard C. (See Tratsch, W. A., and Grunig.)
Gruse, William A. (See Stevens, D. R., and Gruse.)
Guardian Safety Seal Company. (See Fabrice, Edward H., assignor.)
Gualtiere, Julius, assignor to Edwin B. Stimpson Company, Brooklyn, N. Y. Setter for snap fasteners. 2,061,193; Nov. 17.
Gulbrandsen, Sverre, Woodberry, N. J., assignor, by mesne assignments, to New Process Rayon, Inc. Recovering copper from wash solutions. 2,061,194; Nov. 17.
Gulf Oil Corporation. (See Stevens, D. R., and Gruse, assignors.)
Gulf Research & Development Company. (See Pigott, Reginald J. S., assignor.)
Gunderman, Lester S., Pittsburgh, Pa. Device for protecting threads on pipe ends. 2,061,151; Nov. 17.
Gunthorp, Cecil H. (See Beck, Bjorn O. and H. L., and Gunthorp.)
Guthrie, James M. (See Brent, G. F., and Guthrie.)
Guthrie, James M., Pittsburgh, Pa. Basketball basket. 2,061,152; Nov. 17.
Haag, Joseph, Jr., assignor to Todd Combustion Equipment, Inc., New York, N. Y. Heat exchange means. 2,060,936; Nov. 17.
Haase, Heinrich E., assignor to Industrial Patents Corporation, Chicago, Ill. Forming knockout plugs. 2,060,863; Nov. 17.
Halt, James M. (See Thompson, A. R., and Halt.)
Hall, Charles L., Detroit, Mich., assignor to United-Car Fastener Corporation, Cambridge, Mass. Clip member. 2,061,463; Nov. 17.
Hampe, Friedrich, and W. Persch, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Solutions of bismuth salts of carboxylic acids in oils. 2,061,320; Nov. 17.
Hanger, Paul E. (See Stafford, Dale A., assignor.)
Hansell, Clarence W., Pert Jefferson, N. Y., assignor to Radio Corporation of America. Keying. 2,060,988; Nov. 17.
Hardesty, Shortridge. (See Brown, T. E., Jr., and Hardesty.)
Harper, William A. (See Frank, H. J. L., Harper, and Messing.)
Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Cutter mounting. 2,060,989; Nov. 17.
Hartwell, Ralf L. (See Kingman, Russell B., assignor.)
Harwood, James. (See Ralston, A. W., Pool, and Harwood.)
Hauser, Rudolph J., Hillside, assignor to Lowres Optical Manufacturing Co., Newark, N. J. Ophthalmic mounting. 2,061,400; Nov. 17.
Hazard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Signal device for dispensing pumps. 2,061,538; Nov. 17.
Hearne, George. (See Groll, H. P. A., and Hearne.)
Heath, Harry C., Oakland, Calif. Sign changing apparatus. 2,061,030; Nov. 17.
Hedler, Edwin C., assignor to Bendix Aviation Corporation, South Bend, Ind. Cable fitting for field use and making same. 2,060,864; Nov. 17.
Heil Co., The. (See Thwaits, Frederick G., assignor.)

Heilmann, Josué R. (See Coupier, M. (M. J. E., Heilmann, and Mildé.)
Helmers, Rudolf, Tacubaya, D. F., Mexico. Violin holder. 2,061,464; Nov. 17.
Heinze, William A., assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Housed armored grease retainer. 2,061,153; Nov. 17.
Heltzmann, Louis, Long Island City, assignor to Harry J. Sohmer, New York, N. Y. Piano. 2,061,154; Nov. 17.
Helle, Warren W., Chicago, Ill. Spout for liquid containers. 2,061,071; Nov. 17.
Hellmer, Louis, Merrick, N. Y. Direction indicator. 2,061,401; Nov. 17.
Henderson, Charles R. (See Lochhead, Elmer C., assignor.)
Henderson, Clark T., Burlingame, Calif., assignor to Wallace & Tiernan Company, Inc., Belleville, N. J. Sterilization of pulp and white water. 2,061,031; Nov. 17.
Hendley, James A., assignor to The Russell Manufacturing Company, Middletown, Conn. Cartridge belt for machine guns and the like. 2,061,072; Nov. 17.
Hendley, James A., assignor to The Russell Manufacturing Company, Middletown, Conn. Elastic tape for slide fasteners and the like. 2,061,073; Nov. 17.
Hendricks, Albert E. (See Fraber, R. E., Butler, Hendricks, and Lipman.)
Henszey, Roy O., Oconomowoc, assignor to Carnation Company, Milwaukee, Wis. Irradiating apparatus. 2,060,865; Nov. 17.
Henze, Otto C. W., Brooklyn, and R. V. Tremain, New York, N. Y., said Tremain assignor to said Henze. Illusion apparatus and method. 2,061,378; Nov. 17.
Her-Born Engineering and Manufacturing Company. (See Barnhauser, Otto E., assignor.)
Hercules Powder Company. (See De Bell, John M., assignor.)
Hercules Powder Company. (See De Laney, William W., assignor.)
Herron-Zimmers Moulding Company. (See Crowe, Orjey J., assignor.)
Hetenyi, Paul, New York, N. Y., assignor to Solar Manufacturing Corporation. Container vent. 2,060,866; Nov. 17.
Heymans, Paul, assignor to Sobemi (abreviation de: Société Belge d'Emballages Metalliques Industriels) Société Anonyme, Brussels, Belgium. Closing cap for bottles, etc. 2,061,305; Nov. 17.
Heyroth, Albert H., Niagara Falls, and E. W. Bratton, Buffalo, assignors to The Globar Corporation, Niagara Falls, N. Y. Thermocouple and mounting the same. 2,061,357; Nov. 17.
Hillinger, Charles K., receiver. (See Friermood, Charles L., assignor.)
Hillix, Foster F. (See Knebusch, W. F., and Hillix.)
Hinckley, John N., Cambridge, Mass., and S. H. Clark, Provo, Utah. Rotary engine. 2,060,937; Nov. 17.
Hines Electical Specialties, Inc. (See Hines, Francis J., assignor.)
Hines, Francis J., Brooklyn, N. Y., assignor to Hines Electrical Specialties, Inc. Electric fixture. 2,060,990; Nov. 17.
Hobart Manufacturing Company, The. (See Johnston, Herbert L., assignor.)
Hocher, Andrew A., Etna, and R. H. Manson, Pittsburgh, Pa., assignors to Hubbard & Company. Guy wire protector. 2,061,306; Nov. 17.
Hocher, Andrew A., Etna, and R. H. Manson, Pittsburgh, Pa., assignors to Hubbard & Company. Mounting for guy wire protectors. 2,061,307; Nov. 17.
Hoflich, William, Albany, Oreg. Trailer coupling. 2,061,234; Nov. 17.
Hokanson, Martin, assignor to Eldco, Inc., Duluth, Minn. Refrigerator. 2,061,155; Nov. 17.
Hollar, John V., East Orange, assignor to Vogue Mfg. Co., Newark, N. J. Brassière. 2,061,402; Nov. 17.
Hollerbach, Walter M., assignor to American Hoist and Derrick Company, St. Paul, Minn. Combination excavator, loader, and conveyer. 2,060,867; Nov. 17.
Hollstein, Paul, Carlstadt, N. J., assignor to J. M. Lehmann Company, Inc., New York, N. Y. Side shield raising device for roller mill hoppers. 2,060,868; Nov. 17.
Holtz, Charles, deceased, by L. Holtz, executrix, Minneapolis, Minn. Jar holding device. 2,061,074; Nov. 17.
Holtz, Frederick C., assignor to Sangamo Electric Company, Springfield, Ill. Astronomic dial for time switches. 2,060,991; Nov. 17.
Holtz, Lillian, executrix. (See Holtz, Charles.)
Holyoke Company, The. (See Flilpak, Casmier J., assignor.)
Hooker Electrochemical Company. (See Rue, John D., assignor.)
Hopkins, Joseph A., Rockford, Ill. Demonstration device. 2,060,869; Nov. 17.
Horn, Emil, East Falls, Pa. Tire wrench. 2,061,274; Nov. 17.
Horn, Paul E., Fort Dodge, Iowa. Foldable bleacher seat. 2,061,235; Nov. 17.
Horner, Clarence, Windber, Pa. Safety stop for cutter chains. 2,061,195; Nov. 17.
Horvath, Dan J., Sharon, Pa. Golf tee. 2,061,308; Nov. 17.
House, Bryan E. (See Parker, H. F., and House.)
Hubbard & Company. (See Hocher, A. A., and Manson, assignors.)
Hubbuch, Leo P. (See Alvarado, A. M., Flint, and Hubbuch.)
Hudson, Vesta B. (See Hudson, Wayne W., assignor.)
Hudson, Wayne W., Sheridan, Mich., assignor to Vesta B. Hudson. Dispensing apparatus.. 2,061,379; Nov. 17.
Huff, Thomas H., Philadelphia, Pa. Jet pump. 2,061,032; Nov. 17.
Hume, John T., assignor to Electric Household Utilities Corporation, Chicago, Ill. Ironing machine. 2,061,275; Nov. 17.
Humphrey, Harry G., Miami, Ariz. Dress display rack. 2,061,156; Nov. 17.
Hunt, Gurney L., Washington, D. C., deceased, Mabel G. Hunt, executrix. Aircraft intercommunication system. 2,060,806; Nov. 17.
Hunt, Mabel G., executrix. (See Hunt, Gurney L.)
Hunt, Scott F., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control. 2,060,870; Nov. 17.
Hunter, John A., Ben Avon, and H. K. Ihrig, Pittsburgh, Pa., assignors to American Sheet and Tin Plate Company. Automatic discharging machine. 2,061,358; Nov. 17.
Hurum, Fredrik, Barcelona, Spain. Two-cycle motor. 2,061,157; Nov. 17.
Hussey, Philip W., North Berwick, Maine. Portable bleacher. 2,061,465; Nov. 17.
Hutton, Ulric O., Newcastle, assignor to The Cambridge Instrument Company, Inc., Ossining, N. Y. Humidity apparatus. 2,061,424; Nov. 17.
Hydraulic Brake Company. (See Bowen, Herbert C., assignor.)
Hymers Compound Maceration Process Co. (See Hymers, William D., assignor.)
Hymers, William D., Central Cortada, assignor to Hymers Compound maceration Process Co., P. R. Macerating bagasse. 2,061,196; Nov. 17.
I. G. Farbenindustrie Aktiengesellschaft. (See Balz, O., Leber, and Diekmann, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Frankenburger, W., and Rössler, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Orthner, L., and Bögemann, assignors.)
Ihrig, Howard K. (See Hunter, J. H., and Ihrig.)
Illinois Testing Laboratories, Inc. (See Boyle, John R., assignor.)
Imperial Chemical Industries Limited. (See Baldwin, A. W., Everatt, and Knight, assignors.)
Indian Refining Company. (See Govers, Francis X., assignor.)
Industrial Patents Corporation. (See Haase, Heinrich E., assignor.)
Industrial Patents Corporation. (See Jackson, Robert M., assignor.)
Industrial Rayon Corporation. (See Knebusch, W. F., and Hillix, assignors.)
Ingersoll, George B. (See Tatter, John W., assignor.)
Ingman, Thomas M. (See Garbutt, F. E., Ingman, and Cunningham.)
Ingmanson, John H., Rahway, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Treatment of rubber. 2,061,276; Nov. 17.
Innovation Brakes, Inc. (See Shelor, Frederick L., assignor.)
International Precipitation Company. (See Ruder, H. B., and Flesel, assignors.)
Intertype Corporation. (See Turner, Ransom H., assignor.)
Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of hydrocarbons. 2,060,871; Nov. 17.
Irvington Varnish & Insulator Co. (See Damitz, Frederick M., assignor.)
Jackson, Robert M., Portland, Oreg., assignor to Industrial Patents Corporation, Chicago, Ill. Cooker. 2,060,992; Nov. 17.
Jacobs Bros. Co. Inc., The. (See Eschenbacher, H., and Kircher, assignors.)
Jacobs Bros. Co. Inc., The. (See Kircher, Paul J., assignor.)
Jaeger Machine Company, The. (See Mosel, Joseph H., assignor.)
Jaeger Machine Company, The. (See Saxe, Arthur C., assignor.)
Janiszewski, Kasimir, Milwaukee, Wis. Die. 2,061,403; Nov. 17.
Jeffrey Manufacturing Company, The. (See Lewis, Edward G., assignor.)
Jelalian, Martin, New York, N. Y. Airship. 2,061,075; Nov. 17.
Jennings, Frank L., Philadelphia, Pa. Vibrating needle chain stitch mechanism. 2,061,236; Nov. 17.
Jensen, Olaf. (See Foss, A., Jensen, and Lunde.)
Johnson, Arthur A., Great Neck, N. Y., assignor to Johnson-March Corporation. Waterproofing masonry structure. 2,061,098; Nov. 17.
Johnson, Conrad A., Jamestown, N. Y. Exercising device. 2,060,938; Nov. 17.
Johnson, Edward T. (See Tufts, N., and Johnson.)

Johnson, Gustav, West Roxbury, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Slide fastener socket. 2,061,466; Nov. 17.
Johnson-March Corporation. (See Johnson, Arthur A., assignor.)
Johnson, Oscar N. (See Macdonald, L. S., and Johnson.)
Johnston, Herbert L., assignor to The Hobart Manufacturing Company, Troy, Ohio. Food handling apparatus. 2,060,807; Nov. 17.
Johnstone, Harold G., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Key controlled apparatus. 2,061,277; Nov. 17.
Jones & Lamson Machine Company. (See Lovely, John E., assignor.)
Joseph, Glenn H., Corona, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Treating pectin. 2,061,158; Nov. 17.
Judson, Alfred O., assignor to The Pilliod Company, Swanton, Ohio. Auxiliary valve gear mechanism. 2,060,939; Nov. 17.
Kahle, Heinrich, Hoeltriegelskreuth, near Munich, Germany, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Obtaining krypton and xenon. 2,060,940; Nov. 17.
Kanter, Edward, Cleveland Heights, Ohio. Wall bracket lamp. 2,061,359; Nov. 17.
Karle, George J., Sr., Buffalo, N. Y. Grooving saw. 2,061,237; Nov. 17.
Karstens, Edward S., Davenport, Iowa, assignor of one-fourth to Koehring Company, Milwaukee, Wis. Concrete pumping machine. 2,061,425; Nov. 17.
Kellhauer, Ulrich. (See Ehrig, H., and Kellhauer.)
Keith, George, assignor to James Keith & Blackman Company Limited, London, England. Gas-fired baking oven. 2,060,993; Nov. 17.
Keith, James, & Blackman Company Limited. (See Keith, George, assignor.)
Kellett, William R., Menasha, and H. M. Ostertag, Neenah, assignors to Paper Patents Company, Neenah, Wis. Hydraulic inlet for paper making machines. 2,060,808; Nov. 17.
Kemmerich, William E., Nyack, assignor to General Aniline Works, Inc., New York, N. Y. Azodyestuffs and their production. 2,061,159; Nov. 17.
Kendall, Edna T., Oxnard, Calif. Shoe protector. 2,061,160; Nov. 17.
Kenny, Thomas J., Elkins Park, assignor to Sheffler-Gross Company Inc., Philadelphia, Pa. Apparatus for separating air and solids from liquids. 2,061,517; Nov. 17.
Kerotest Manufacturing Company. (See Forbes, J. S., and Lamar, assignors.)
Kerr, Howard J., Westfield, assignor, by mesne assignments, to The Babcock & Wilcox Company, Newark, N. J. Water cooled furnace. 2,061,404; Nov. 17.
Kiech, Clarence F., assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Method and apparatus for treating emulsions. 2,061,197; Nov. 17.
Kiefer, Karl, Machine Company, The. (See Rheinstrom, James A., assignor.)
Klentz, Joseph C., Jr., Carnegie, assignor to Superior Steel Corporation, Pittsburgh, Pa. Treatment of strip. 2,061,380; Nov. 17.
Kimball, A., Company. (See Wallin, Gustaf A., assignor.)
Kimbell, Arthur W., Newton Center, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener secured installations and fasteners for the same. 2,061,467; Nov. 17.
Kindervater, Julius, Richmond, Va., assignor to American Locomotive Company, New York, N. Y. Thermostatic valve. 2,060,994; Nov. 17.
King, Elmore L., New York, N. Y. Advertising device. 2,061,309; Nov. 17.
King, Jesse G., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,061,426; Nov. 17.
King, Jesse G., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,061,427; Nov. 17.
Kingman, Russell B., and R. L. Hartwell, Orange, N. J., said Hartwell assignor to said Kingman. Soluble ink fountain pen. 2,061,405; Nov. 17.
Kircher, Paul. (See Echenbacher, H., and Kircher.)
Kircher, Paul J., assignor to The Jacobs Bros. Co. Inc., Brooklyn, N. Y. Scale. 2,061,278; Nov. 17.
Kirschbraun, Lester, assignor to The Patent and Licensing Corporation, New York, N. Y. Bituminous emulsions. 2,061,076; Nov. 17.
Klein, Helen, Tampa, Fla. Garment support. 2,061,238; Nov. 17.
Kleiser, Emil H., Jr., Nashville, Tenn. Toilet tank lever. 2,061,310; Nov. 17.
Kleucker, George M., St. Louis, Mo. Multifeed coil. 2,060,995; Nov. 17.
Kleucker, George M., St. Louis, Mo. Holding down device for ice cans. 2,061,381; Nov. 17.
Kline, Walter, Wellington, and W. A. Brubaker, Akron, said Kline assignor to E. H. Morrison, Wellington, Ohio. Shipping and storing receptacle. 2,060,941; Nov. 17.
Kline, Walter, Wellington, and W. A. Brubaker, Akron, said Kline assignor to E. H. Morrison, Wellington, Ohio. Shipping and/or storing receptacle. 2,060,942; Nov. 17.
Kling, Walter, assignor to H. Th. Bohme Aktiengesellschaft, Chemnitz, Germany. Soap preparation. 2,061,468; Nov. 17.
Knapp-Monarch Company. (See Fischer, William H., assignor.)
Knebusch, Walter F., Cleveland, and F. F. Hillix, Lakewood, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Transfer device. 2,060,809; Nov. 17.
Knight, Arthur H. (See Baldwin, A. W., Everatt, and Knight.)
Knott, Harry H., assignor to American Pearl Button Co., Washington, Iowa. Chuck construction. 2,061,321; Nov. 17.
Knowlton, L. R. (See Phipps, John T., assignor.)
Koch, Heinrich. (See Zahn, K., Schimmelschmidt, and Koch.)
Koehring Company. (See Karstens, Edward S., assignor.)
Kohut, Frank J., Baltimore, Md. Joint assembly. 2,061,198; Nov. 17.
Konetsky, John R., San Francisco, Calif. Spring hanger. 2,061,199; Nov. 17.
Koppe, Alexander T., New York, N. Y. Sheet transfer mechanism for printing presses. 2,061,033; Nov. 17.
Kraemer, Julius H., Arlington, assignor to Brier Manufacturing Company, Providence, R. I. Monogram unit. 2,061,428; Nov. 17.
Kraeuter, Arthur A., South Orange, N. J., assignor to The Kroydon Company. Golf club. 2,060,872; Nov. 17.
Kropp, Walter. (See Traub, L., and Kropp.)
Kroydon Company, The. (See Kraeuter, Arthur A., assignor.)
Krumbhaar, Wilhelm, assignor to Beck, Koller & Company, Inc., Detroit, Mich. Melting and treating organic substances employed in the manufacture of varnishes and the like. 2,061,469; Nov. 17.
Kruse, Otto V. (See Larner, C. W., and Kruse, assignors.)
Kucera, Frank A., assignor to Union Special Machine Company, Chicago, Ill. Double lap seam felling machine. 2,061,360; Nov. 17.
Kurtzon, George B., Chicago, Ill. Antifriction bearing. 2,061,279; Nov. 17.
L. C. L. Corporation, The. (See Woodruff, Graham C., assignor.)
La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake-applying means. 2,060,873; Nov. 17.
La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,060,874; Nov. 17.
La Brie, Ludger E., assignor to Bendix Aviation Company, South Bend, Ind. Brake. 2,060,875; Nov. 17.
La Brie, Ludger E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,060,876; Nov. 17.
La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,060,877; Nov. 17.
La Brie, Ludger E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,060,878; Nov. 17.
La Brie, Ludger E., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,060,879; Nov. 17.
Lacoe, Ralph D., San Diego, Calif. Ice cream making attachment for mechanical refrigerators. 2,061,077; Nov. 17.
Lacoe, Ralph D., San Diego, Calif. Automatic ignition cut-out for gas engines. 2,061,078; Nov. 17.
Lacoe, Ralph D., San Diego, Calif. Automatic ignition cutout apparatus for gas engines. 2,061,079; Nov. 17.
Lady Esther Company. (See Cohen, Alfred, assignor.)
Lamar, Harry H. (See Forbes, J. S., and Lamar.)
Laminating Patents Corporation. (See Merritt, Ericsson H., assignor.)
Lancaster Iron Works, Inc. (See Beauchamp, Fred, assignor.)
Lane, James W., Pawhuska, Okla. Flag holder. 2,061,361; Nov. 17.
Langford, George, assignor to McKenna Process Company of Illinois, Joliet, Ill. Rail joint. 2,060,996; Nov. 17.
Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starter. 2,061,161; Nov. 17.
Larner, Chester W., Philadelphia, and O. V. Kruse, St. Davids, Pa., assignors to Baldwin-Southwark Corporation. Valve. 2,061,239; Nov. 17.
Larson, Alfred T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of methanol and other carbon compounds and catalytic agents for use therein. 2,061,470; Nov. 17.
Larson, Carl H. (See Gebrand, C. E., and Larson.)
Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Mercury switch. 2,060,810; Nov. 17.
Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Antifriction displacer guide. 2,060,811; Nov. 17.
Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Mercury tube switch. 2,060,813; Nov. 17.
Larson, Edwin, Eagle Bend, Minn. Automatic toy pistol. 2,061,471; Nov. 17.
Lawlor, John J., Plainfield, N. J., assignor, by mesne assignments, to General Foundry Machinery Corporation. Molding machine. 2,061,280; Nov. 17.
Lawlor, John J., Plainfield, N. J., assignor to General Foundry Machinery Corporation. Building construction. 2,061,281; Nov. 17.
Lazier, Wilbur A., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing ethylene glycol. 2,060,880; Nov. 17.
Leach, Charles H., Roselle, N. J. Heat exchange apparatus. 2,061,429; Nov. 17.

Leboff, Ezra J., Roxbury, and H. N. Levowich, Dorchester, Mass. Knitting needle. 2,061,282; Nov. 17.
Leggett, Cohen P., Rowland, N. C. Plow and extension sweep. 2,061,472; Nov. 17.
Lehmann, J. M., Company. (See Hollstein, Paul, assignor.)
Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Beer pump. 2,061,240; Nov. 17.
Leland, George H., assignor of one-half to The Leland Electric Company, Dayton, Ohio. Mounting for motors and the like. 2,061,080; Nov. 17.
Leland Electric Company, The. (See Leland George H., assignor.)
Lennon, Clarence D., Detroit, Mich. Apparatus for reshaping used sheet metal containers. 2,061,034; Nov. 17.
Lent, Worthington C., Ridgefield Park, N. J., assignor to General Communications Laboratories, Inc. Method and apparatus for voltage measurement. 2,061,382; Nov. 17.
Lentz, Lawrence E., assignor to Underwood Elliott Fisher Company, New York, N. Y. Computing machine. 2,061,36; Nov. 17.
Levowich, Hyman N. (See Leboff, E. J., and Levowich.)
Lewis, Edward G., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Drilling machine. 2,060,814; Nov. 17.
Lewis, Robert B., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Stress-strain recording instrument. 2,061,383; Nov. 17.
Ley, Robert E., Dover, Ohio. Tooth brush and powder container. 2,061,430; Nov. 17.
Liber, Adolf. (See Balz, O., Leber, and Diekmann, assignors.)
Lieb, Merril R., Allentown, Pa. Nozzle. 2,060,943; Nov. 17.
Lilly, Lyman A., Plainwell, Mich. Tire lug for tractors. 2,061,283; Nov. 17.
Lindholm, Arthur W., East Milton, and A. C. Everett, Boston, assignors to Pneumatic Scale Corporation, Limited, Quincy, Mass. Closure applying mechanism. 2,,061,241; Nov. 17.
Lindsay Wire Weaving Company, The. (See Crossman, Fred, assignor.)
Linthwaite, Owen C., assignor to Bendix Products Corporation, South Bend, Ind. Magneto. 2,060,881; Nov. 17.
Lipman, Carl E. L. (See Fraher, Robert E., Butler, Hendricks, and Lipman.)
Lloyd, Aubery H., Norwalk, Conn. Motor vehicle brake mechanism. 2,061,081; Nov. 17.
Lobasso, Vincent, New York, N. Y. Fluid operated motor for sandpapering machines or the like. 2,061,082; Nov. 17.
Lochhead, Elmer C., assignor of one-half to C. R. Henderson, Moberly, Mo. Knitted fabric. 2,060,882; Nov. 17.
Lockhart, Carl B., Youngstown, Ohio. Warm air furnace. 2,061,284; Nov. 17.
Lockett, Ralph G., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric motor control 2,060,997; Nov. 17.
Loening, Grover, Mill Neck, assignor to Grover Loening Aircraft Company, Inc., Garden City, N. Y. Airplane bracing. 2,061,242; Nov. 17.
Loening Grover Aircraft Company. (See Loening, Grover, assignor.)
Louden, Russell L., and H. H. Geyer, Springfield, Ohio. Electric time switch. 2,061,312; Nov. 17.
Louisiana Supply Company. (See Brack, John D., assignor.)
Lovely, John E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Machine tool. 2,061,311; Nov. 17.
Lowe, Russel E. (See Morgan, J. D., and Lowe.)
Lowres Optical Manufacturing Co. (See Hauser, Rudloph, J., assignor.)
Lowther, Wilfred W., Minneapolis, assignor to Donaldson Company, Inc., St. Paul, Minn. Crank case ventilating system. 2,060,883; Nov. 17.
Lubs, Herbert A., and A. L. Fox, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Indigoid compounds containing fluorine. 2,061,200; Nov. 17.
Lubs, Herbert A., and A. L. Fox, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Unsymmetrical fluoro-phenyl-thioureas and preparing same. 2,061,243; Nov. 17.
Lucke, Charles E., New York, N. Y., assignor to Bailey Meter Company. Vapor generator operation. 2,061,363; Nov. 17.
Lucy, L. C., et al. (See Brewer, John G., assignor.)
Luedtke, Hans, Berlin, Germany. Design of keyboards or fields of sounding bodies. 2,061,364; Nov. 17.
Lunde, Odd H. (See Foss, A., Jensen, and Lunde.)
MacAfee, Merrill W., Berkeley. Calif. Flotation. 2,060,815; Nov. 17.
MacAfee, Merrill W., Berkeley, Calif. Flotation. 2,061,201; Nov. 17.
Macdonald, Laurie S., and O. N. Johnson, assignors to Thompson Bros. Shoe Co., Brockton, Mass. Sole for boots and shoes. 2,061,539; Nov. 17.
Macdonald, Laurie S., and J. E. Small, assignors to Thompson Bros. Shoe Co., Brockton, Mass. Shoe. 2,061,540; Nov. 17.
Mackay, Robert, Chicago, Ill. Production of multi-color-printing plates. 2,060,816; Nov. 17.
Mader, Emil A., assignor of one-half to J. Spargo, Detroit, Mich. Louver construction. 2,061,162; Nov. 17.
Madlé, Alain, Bristol, Conn., assignor to Erban Operating Corporation, New York, N. Y. Power transmission mechanism. 2,060,884; Nov. 17.
Mahon, R. C., Company, The. (See Bingman, Frederick P., assignor.)
Mahoney, Henry C., Thornton Heath, England. Screen for optical projections. 2,060,817; Nov. 17.
Manegold, John R., Milwaukee, Wis. Catamenial receptacle. 2,061,384; Nov. 17.
Manson, Ralph H. (See Hocher, A. A., and Manson.)
Mantle Lamp Company of America, The. (See Bell, Allan H., assignor.)
Mantle Lamp Company of America, The. (See Schwarz, Eugene, assignor.)
Mapes Consolidated Manufacturing Company. (See De Reamer, William J., assignor.)
Markle, George B., Jr., Hazleton, Pa. Identification means for spools and bobbins. 2,061,365; Nov. 17.
Marsal, Paul A., Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Galvanic cell. 2,060,818; Nov. 17.
Martin, Marie, Riverside, assignor to the H. W. Gossard Company, Chicago, Ill. Brassière. 2,060,998; Nov. 17.
Massa, Ernest A., Jr., Haddon Heights, assignor of fifty-five per cent to F. Massa, West Collingswood, N. J. Mechanism. 2,061,322; Nov. 17.
Massa, Frank. (See Massa, Ernest A., Jr., assignor.)
Maw, R. B. (See Michael, G. L., assignor, and Brumbach.)
Mazurie, Harry R., Pittsburgh, Pa., assignor to National Tube Company. Protector for pipe ends. 2,061,366; Nov. 17.
McAdams, Harry, assignor to Nolde and Horst Company, Reading, Pa. Knitting machine. 2,061,473; Nov. 17.
McBee Company, The. (See Rutkoskie, G. A., and Welk, assignors.)
McBee Company. (See Zenner, D. R., and Nevin, assignors.)
McCall, James E., Cavite, P. I. Combination school desk and chair. 2,061,163; Nov. 17.
McCarty, Francis V. (See Wallace, John E., assignor.)
McChesney, John S., deceased, Chicago, Ill., L. A. McChesney, executrix and assignee. Making toothed fasteners. 2,061,035; Nov. 17.
McChesney, John S., deceased, Chicago, Ill., L. A. McChesney, executrix and assignee. Producing fasteners from metallic ribbon. 2,061,036; Nov. 17.
McChesney, John S., deceased, Chicago, Ill., L. A. McChesney, executrix and assignee. Producing flanged joint fasteners. 2,061,037; Nov. 17.
McChesney, Lula A., executrix. (See McChesney, John S., assignor.)
McClay, Roy C., Hollywood, Calif., assignor to United Research Corporation, Long Island City, N. Y. Combined motion picture projector and sound reproducer. 2,061,202; Nov. 17.
McClure, Foster M., San Diego, Calif. Swimming pad. 2,060,944; Nov. 17.
McConkey, Montgomery W., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,060,885; Nov. 17.
McConkey, Montgomery W., assignor, by mesne assignments, to Bendix Brake Company, South Bend, Ind. Brake. 2,060,886; Nov. 17.
McCormick, Byrd, H., Bismarck, Mo. Egg poacher. 2,061,285; Nov. 17.
McCowan, William. (See Twiss, D. F., and McCowan.)
McCulloh, Marvin W., assignor to Sayles Biltmore Bleacheries, Inc., Biltmore, N. C. Sewing machine control mechanism. 2,061,431; Nov. 17.
McCulloh, Marvin W., assignor to Sayles Biltmore Bleacheries, Inc., Biltmore, N. C. Sewing machine with automatic thread cutter. 2,061,432; Nov. 17.
McHugh, Frank J., assignor to The Shake-Back Corporation, Chicago, Ill. Fuse plug. 2,060,819; Nov. 17.
McKenna Process Company. (See Langford, George, assignor.)
McNeil, Charles I., Bloomfield, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Engine control apparatus. 2,061,164; Nov. 17.
Meaker Company, The. (See Miller, Constantine G., assignor.)
Meets-A-Need Manufacturing Company. (See Dickey, Roy N., assignor.)
Meinzer, Gotthold H., Glendale, assignor to California Consumers Corporation, Los Angeles, Calif. Apparatus for sterilizing aqueous liquids. 2,061,323; Nov. 17.
Melish, Thomas G., assignor to The Bromwell Wire Goods Company, Cincinnati, Ohio. Sifter. 2,061,518; Nov. 17.
Mellentine, Edward J., Kapuskasing, Ontario, Canada. Paper making machine. 2,060,945; Nov. 17.
Merritt, Ericsson H., Lockport, N. Y., assignor to Laminating Patents Corporation, Seattle, Wash. Laminating, coating and the like. 2,061,203; Nov. 17.
Messing, Joseph A. (See Frank, H. J. L., Harper, and Messing.)
Metallic Tag Company. (See Taylor, George H., assignor.)
Metzs, Jacques M., Springfield, Mass. Paper clip. 2,061,474; Nov. 17.

Meyer, Martin, Franklin County, Iowa. Hat and coat hanger for automobiles. 2,060,820; Nov. 17.
Micheal, George L., and P. Brumbach, Harlan: said Micheal assignor to R. B. Maw, Pineville, Ky. Tire for mine locomotive wheels. 2,061,324; Nov. 17.
Michel, Clarence A., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Doorless head lamp. 2,060,999; Nov. 17.
Michel, Clarence A., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Four-section reflector. 2,061,001; Nov. 17.
Michel, Clarence A., and S. R. Conwell, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Reflector or bulb shifting mechanism for head lamps. 2,061,000; Nov. 17.
Microcel Corporation. (See Schuh, Charles H., assignor.)
Micro-Westco, Incorporated. (See Rohwedder, Otto F., assignor.)
Miehle, Mabel K., administratrix. (See Miehle, Robert.)
Miehle, Robert, Chicago, Ill., M. K. Miehle, administratrix of said Robert Miehle, deceased. Inking mechanism for printing presses. 2,061,325; Nov. 17.
Mildé, Charles E. (See Coupler, M. M. J. E., Hellmann, and Mildé.)
Miller, Constantine G., assignor to The Meaker Company, Chicago, Ill. Transfer arm. 2,061,165; Nov. 17.
Miller, Nicholas. (See Ettinger, W. J., and Miller.)
Millett Corporation. (See Millett, John E., assignor.)
Millett, John E., assignor to Millett Corporation, Gilman, Vt. Artificial reed making machine. 2,061,286; Nov. 17.
Milwaukee Gas Specialty Company. (See Leins, Oscar J., assignor.)
Mitchell, Clarence E., Long Beach, Calif. Bilge block jack. 2,061,038; Nov. 17.
Molicki, Severyn I., Denver, Colo. Aircraft. 2,060,946; Nov. 17.
Monitor Controller Company. (See Frese, Joseph F., assignor.)
Monk, Newton. (See Espenschied, L., and Monk, assignors.)
Montgomery, Guy, Humboldt, Nebr. Tire chain. 2,061,039; Nov. 17.
Moody, Virginius W., assignor to Reynolds Research Corporation, New York, N. Y. Liquid control. 2,061,204; Nov. 17.
Moore, Frederick T., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Machine gun and attachment therefor. 2,061,313; Nov. 17.
Morgan, John D., South Orange, N. J., and R. E. Lowe, New York, N. Y., assignors to Doherty Research Company, New York, N. Y. High temperature refractory. 2,061,099; Nov. 17.
Morley, Charles E., Detroit, Mich. Generator for use with internal combustion engines. 2,061,002; Nov. 17.
Morrison, Ethel H. (See Kline, W., assignor, and Brubaker.)
Morrow, James D., Benton Harbor, Mich. Mole trap. 2,060,947; Nov. 17.
Morse, James W., and C. S. Phillips, Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Automobile wheel aligning apparatus. 2,061,326; Nov. 17.
Morton, William A., assignor to Ameo, Incorporated, Pittsburgh, Pa. Forehearth structure. 2,061,367; Nov. 17.
Mosel, Joseph H., assignor to The Jaeger Machine Company, Columbus, Ohio. Cart. 2,061,327; Nov. 17.
Mossberg, Harold F., assignor to O. F. Mossberg & Sons, Incorporated, New Haven, Conn. Gun sight. 2,061,040; Nov. 17.
Mossberg, O. F., & Sons, Incorporated. (See Mossberg, Harold F., assignor.)
Muehl, William F., Kansas City, Mo. Automatic pipe welding machine. 2,061,287; Nov. 17.
Mueller, Frank, assignor of one-third to J. R. Cadoret and one-third to M. B. Comerford, Scranton, Pa. Air supply device for internal combustion engines. 2,061,166; Nov. 17.
Municipal Sanitary Service Corporation. (See Raisch, William, assignor.)
Murasco, Joseph, Sandusky, assignor, by mesne assignments, to Weinig Made-Rite Company, Cleveland, Ohio. Electric toaster. 2,061,433; Nov. 17.
Murray Corporation of America, The. (See Graebner, Otto F., assignor.)
Murray Corporation of America, The. (See Westrope, Fred J., assignor.)
Murray, Forrest F., Cambridge, Mass. Holder for newspapers or the like. 2,061,434; Nov. 17.
Murray, Howard J., New York, N. Y. Selectively controlled torque actuated clutch transmission mechanism. 2,061,288; Nov. 17.
Musket, Peter P. (See Fischer, H. G., Musket, and Osborn.)
N. V. Machinerieen-en Apparaten Fabrieken "Meaf". (See Dällenbach, Walter, assignor.)
N. V. Machinerieen-en Apparaten Fabrieken "Meaf". (See Gerhard, Ernst, assignor.)
N. V. Machinerieen-en Apparaten Fabrieken "Meaf". (See Grob, Hugo, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Vingerhoets, Antonius W., assignor.)
Nadler, Maurice D., New York, N. Y. Adjustable button-attaching device. 2,061,385; Nov. 17.
Nardone, Romeo M., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Clutch mechanism. 2,061,167; Nov. 17.
National Acme Company, The. (See Drissner, A. E., and Beacom, assignors.)
National Acme Company. (See Stratford, C. W., and Drissner, assignors.)
National Carbon Company. (See Drummond, Price, assignor.)
National Traffic Signal Company. (See Olafson, Alvin O., assignor.)
National Tube Company. (See Mazurie, Harry R., assignor.)
Navert, John F., A. M. Steinmetz, and A. E. Steinmetz, Jr., Philadelphia, Pa. Electrical plug and receptacle. 2,060,887; Nov. 17.
Neidecker, Sybil K., New York, N. Y. Shoulder adjustment. 2,061,435; Nov. 17.
Nelson, Carl E., Moscow, Idaho. Lawn mower. 2,061,003; Nov. 17.
Nelson, Nels T., Attleboro, Mass., assignor to J. F. Sturdy's Sons Co. Baguette hook. 2,061,041; Nov. 17.
Nelson, Ralph E., and A. O. Rogers, assignors to Purdue Research Foundation, West Lafayette, Ind. Products derived from trichloroisobutane and producing them. 2,061,519; Nov. 17.
Neptune Meter Company. (See Hazard, Charles S., assignor.)
Nesmith, Forrest L. (See Freysinger, P., and Nesmith.)
Nevin, Donald A. (See Zenner, D. R., and Nevin.)
New England Box Company, The. (See Tufts, N., and Johnson, assignors.)
Newman, Isidor, New York, N. Y. Device for removing sealing closures. 2,060,888; Nov. 17.
New Process Rayon, Inc. (See Gulbrandsen, Sverre, assignor.)
News Projection Corporation. (See Eitzen, August D., assignor.)
News Syndicate Co. Inc. (See Tarvin, C. E., and Dodge, assignors.)
Nichols, Ernest H., Hagerstown, Md. Granular material. 2,061,246; Nov. 17.
Niemi, Matti, Seattle, Wash. Hoisting block. 2,061,083; Nov. 17.
Nilsson, Axel L., Detroit, Mich., assignor to Colonial Broach Company. Broach. 2,060,889; Nov. 17.
Nixon, Ernest G., London, England, assignor, by mesne assignments, to American Sales Book Company, Inc. Manifolding book. 2,061,168; Nov. 17.
Noble, Bertrand H. H. (See Osborne, A. G., and Noble.)
Nolde and Horst Company. (See McAdams, Harry, assignor.)
Nord, Walter G., Amherst, Ohio, assignor to Stewart Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,061,086; Nov. 17.
Nordström, Otto, Sundsvall, Sweden. Spark catcher. 2,061,247; Nov. 17.
Norsk Hydro-Elektrisk Kvaelstofaktieselskab. (See Foss, A., Jensen, and Lunde, assignors.)
North American Holding Corporation et al. (See Eaton, Charles F., assignor.)
North American Rayon Corporation. (See Bley, Rudolph S., assignor.)
Norton, Leland D., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Reproducer for phonographs. 2,061,475; Nov. 17.
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co. Inc., New York, N. Y. Manufacture of envelopes, bags, or other containers. 2,060,821; Nov. 17.
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co. Inc., New York, N. Y. Web-feeding and web operating control means. 2,060,822; Nov. 17.
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Manufacture of envelopes, bags or other containers. 2,061,004; Nov. 17.
Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Magneto. 2,061,245; Nov. 17.
O'Brien, James J., Baltimore, Md., assignor to The Glidden Company, Cleveland, Ohio. Making yellow pigments. 2,061,368; Nov. 17.
Ohio Art Co., The. (See Tolman, Hugh H., assignor.)
Ohio Brass Company, The. (See Taylor, John J., assignor.)
Olafson, Alvin O., assignor to National Traffic Signal Company, St. Paul, Minn. Traffic actuated device. 2,060,890; Nov. 17.
Oldham, Samuel R., Chicago, Ill., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Metal bearing flux. 2,060,948; Nov. 17.
Olds, Phelps, New York, N. Y. Flashlight apparatus. 2,061,248; Nov. 17.
O'Leary, Thomas A., Pittsburgh, Pa. Eyepiece for gas masks. 2,060,823; Nov. 17.
O'Leary, Thomas A., Pittsburgh, Pa. Gas mask construction. 2,061,436; Nov. 17.
Oliver United Filters Incorporated. (See Denhard, Harry W., assignor.)
Olsen, Fredrich, Alton, Ill., assignor, by mesne assignments, to The Cellulose Research Corporation. Pulping process. 2,061,205; Nov. 17.

Olsen Tinius Testing Machine Company. (See Lewis, Robert B., assignor.)
Opticolor Aktiengesellschaft. (See Rüntsch, Kurt, assignor.)
Orthner, Ludwig, Leverkusen-I. G. Werk, and M. Bögemann, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Cyanuryl derivatives of dithiocarbamic acids. 2,061,520; Nov. 17.
Osborn, Howard H. (See Fischer, H. G., Musket, and Osborn.)
Osborne, Albert G., Paterson, and B. H. H. Noble, Glen Rock, N. J. Thread cleaning device. 2,061,386; Nov. 17.
Osborne, John H., Anderson, Ind. Meat grinder. 2,061,005; Nov. 17.
Ostertag, Harry M. (See Kellett, W. R., and Ostertag.)
Oxford Varnish Corporation. (See Eichstädt, Karl, assignor.)
Pace, John W., assignor to Alabama Pipe Company, Anniston, Ala. Combined reaming and tapping tool. 2,060,949; Nov. 17.
Pacific Machinery Company. (See Thompson, Albert R., assignor.)
Palmer, Oscar C., Phoenix, Ariz. Radiator core. 2,061,100; Nov. 17.
Paper Patents Company. (See Kellett, W. R., and Ostertag, assignors.)
Paramount Textile Machinery Co. (See Prosser, T. W., and Wahlbeck, assignors.)
Parker, Guy E., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Clutch control. 2,061,006; Nov. 17.
Parker, Humphrey F., New York, N. Y., and B. E. House, assignors to Bendix Brake Company, South Bend, Ind. Brake. 2,060,891; Nov. 17.
Parkhill-Wade Incorporated. (See Wade, Henry N., assignor.)
Parkhurst, Frederic A., Bethesda, Md., assignor to The Fiberloid Corporation, Indian Orchard, Mass. Machine for extruding plastic materials. 2,061,042; Nov. 17.
Parmelee, Alfred E. (See Downing, F. B., Bake, and Parmelee.)
Parshad Holding Corporation et al. (See Eaton, Charles F., assignor.)
Patent and Licensing Corporation, The. (See Kirschbraun, Lester, assignor.)
Paull, Samuel O., assignor to Eagle Manufacturing Company, Wellsburg, W. Va. Hand oiler. 2,061,476; Nov. 17.
Payne, Lee E., Clinton, Okla. Adjustable outside support for shoe repairing. 2,061,206; Nov. 17.
Payne, Thomas F., Cincinnati, Ohio. Flushing valve. 2,061,084; Nov. 17.
Peck, Ferdinand W., Penns Grove, N. J., and R. J. Sobatzki, Carrollville, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Halogenating N-dihydro-1:2:2':1'-anthraquinone azines. 2,061,249; Nov. 17.
Penniman, William B. D., Baltimore, Md. Lubrication. 2,061,328; Nov. 17.
Pepin, Augustus J., Sebeka, Minn. Self-locking pin. 2,061,478; Nov. 17.
Perkins, Edwin A., et al. (See Crum, Roland R., assignor.)
Perkins, Ezra C. (See Dangelmajer, C., and Perkins.)
Perkins, Melville F., Woodbridge, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Combination distillation and liquation furnace. 2,061,250; Nov. 17.
Perkins, Melville F., Woodbridge, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Separating metals. 2,061,251; Nov. 17.
Perry, Ernest N., Lowell, Mass. Nursing bottle. 2,061,477; Nov. 17.
Persch, Walther. (See Hampe, F., and Persch.)
Peters, Clifford M., Smackover, Ark. Plunger pump. 2,061,252; Nov. 17.
Peterson, Berger A., North Quincy, Mass. Arm for awning frames. 2,061,207; Nov. 17.
Petit, Charles L., New York, N. Y. Sectional building. 2,060,892; Nov. 17.
Petroleum Rectifying Company of California. (See Kiech, Clarence F., assignor.)
Petroleum Rectifying Company of California. (See Waterman, Logan C., assignor.)
Philip, Charles W., Santa Rosa, Calif. Engine fuel vaporizer. 2,061,043; Nov. 17.
Philippe, Alfred, New York, N. Y. Bracelet. 2,061,479; Nov. 17.
Philips & Davies, Inc. (See Philips, Erwin B., assignor.)
Philips, Erwin B., assignor to Philips & Davies, Inc., Kenton, Ohio. Sluice gate. 2,061,169; Nov. 17.
Phillips, Charles S. (See Morse, J. W., and Phillips.)
Phipps, John T., Los Angeles, Calif., assignor to L. R. Knowlton. Packer and valve. 2,061,289; Nov. 17.
Pigott, Reginald J. S., assignor, by mesne assignments, to Gulf Research & Development Company, Pittsburgh, Pa. Valve and valve assembly. 2,061,480; Nov. 17.
Pilliod Company, The. (See Judson, Alfred O., assignor.)
Platt, Samuel, San Mateo, Calif. Reel. 2,061,101; Nov. 17.
Plymouth Cordage Company. (See Reed, Stephen A., assignor.)
Pneumatic Scale Corporation. (See Brautigam, Otto G., assignor.)
Pneumatic Scale Corporation. (See Lindholm, A. W., and Everett, assignors.)
Polák, Bohumil, assignor to Grodetzky & Polák, Prague, Czechoslovakia. Can opener. 2,061,208; Nov. 17.
Polis, Benjamin, Philadelphia, Pa. Wearing apparel. 2,061,481; Nov. 17.
Polivka, Rudolph, Berwyn, and R. C. Wendell, Oak Park, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Making sheet metal housings. 2,060,893; Nov. 17.
Pomeranz, Jacob J. (See Tanasso, V., and Pomeranz.)
Pool, William O. (See Ralston, A. W., Pool, and Harwood.)
Porter, Fred P., Kellogg, assignor to Coeur D'Alene Hardware & Foundry Company, Wallace, Idaho. Brake construction for hoists. 2,061,209; Nov. 17.
Post, Charles R., Scarsdale, N. Y. Dash pot control device. 2,061,170; Nov. 17.
Posture Research Corporation. (See Wood, Glenn D., assignor.)
Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Making bags. 2,061,437; Nov. 17.
Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Making bags. 2,061,438; Nov. 17.
Potdevin Machine Company. (See Potedivn, Adolph, assignor.)
Potter, John A., and J. P. Rathbun, Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heat exchange apparatus. 2,061,007; Nov. 17.
Potter, Russell L., assignor to The De Vilbiss Company, Toledo, Ohio. Spray gun. 2,060,894; Nov. 17.
Powell, John, Kokomo, Ind. Checkrow transplanting machine. 2,061,210; Nov. 17.
Power, John J., Detroit, Mich. Steam boiler. 2,061,087; Nov. 17.
Practical Instrument Company. (See Fraher, R. E., Butler, Hendricks, and Lipman, assignors.)
Pratt, Rufus W., Philadelphia, Pa. Water heater. 2,060,950; Nov. 17.
Prendergast, James and J., Claremont, N. H., assignors to Sullivan Machinery Company. Clamping device. 2,061,369; Nov. 17.
Prendergast, Joseph. (See Prendergast, J. and J.)
Pressed Steel Tank Company. (See Coakley, William E., assignor.)
Price, Harry M., Waukegan, Ill. Milk can dumping machine. 2,061,085; Nov. 17.
Prinz, Dietrich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge tube. 2,061,387; Nov. 17.
Procter & Gamble Company, The. (See Colth, H. S., and Votaw, assignors.)
Procter & Gamble Company, The. (See Votaw, V. M., and Colth, assignors.)
Produce Conditioners, Inc. (See Reilly, Frank J., assignor.)
Prosser, Thomas W., and J. H. Wahlbeck, Kankakee, assignors to Paramount Textile Machinery Co., Chicago, Ill. Hosiery drying apparatus. 2,060,895; Nov. 17.
Prost, William, Northampton, Mass. Making Cutlery. 2,061,482; Nov. 17.
Public, Free use of the. (See Stamm, Alfred J., assignor.)
Purdue Research Foundation. (See Nelson, R. E., and Rogers, assignors.)
Pyle, T. Myron, Trustee. (See Bigler, Eugene, assignor.)
Pyroxylin Products, Inc. (See Trolander, E. W., and Wilson, assignors.)
Quantz, Calvin D., Detroit, Mich. Two-cycle engine. 2,061,439; Nov. 17.
Radio Corporation of America. (See Beers, George L., assignor.)
Radio Corporation of America. (See Glans, Joseph, assignor.)
Radio Corporation of America. (See Hansell, Clarence W., assignor.)
Radio Corporation of America. (See Hendrik, J. H., van Geel, and Teves, assignors.)
Radio Inventions, Inc. (See Ressler, H. C., and Wilder, assignors.)
Radium Dial Company. (See Fordyce, Rufus G., assignor.)
Rae, Allen, & Company Limited et al. (See Rae, W., and Tisdell, assignors.)
Rae, William, Dumfries, Scotland, and T. A. Tisdell, Birmingham, England, assignors to Allen Rae & Company Limited, London, and Amal Limited, Birmingham, England. Key-operated electric switch, particularly for use on motor vehicles. 2,060,951; Nov. 17.
Raffa, Charles, Brooklyn, N. Y. Butter tub display support. 2,061,406; Nov. 17.
Raffold Process Corporation. (See Rafton, Harold R., assignor.)
Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Paper manufacture. 2,060,824; Nov. 17.
Rail Joint Company, The. (See Armstrong, Victor C., assignor.)
Raisch, William, assignor to Municipal Sanitary Service Corporation, New York, N. Y. Filter. 2,060,896; Nov. 17.
Ralston, Anderson W., W. O. Pool, and J. Harwood, assignors to Armour and Company, Chicago, Ill. Preparing nitriles. 2,061,314; Nov. 17.

Räntsch, Kurt, Berlin-Teltow, Germany, assignor to Opticolor Aktiengesellschaft, Glarus, Switzerland. Arrangement for the copying by projection of lenticulated films. 2,061,088; Nov. 17.

Rathbun, John P. (See Potter, J. A., and Rathbun.)

Rafigan, James P., Los Angeles, Calif. Rod gripping device. 2,061,102; Nov. 17.

Reconstruction Finance Corporation. (See Buquor, Adolph P., assignor.)

Reddish, Warren T., assignor to Emery Industries, Inc., Cincinnati, Ohio. Improving the appearance of silk fabrics. 2,061,211; Nov. 17

Redler Conveyor Company. (See Elmer, Nixon W., assignor.)

Reed Roller Bit Company. (See Harrington, George G., assignor.)

Reed, Stephen A., Duxbury, assignor to Plymouth Cordage Company, North Plymouth, Mass. Rope. 2,061,483; Nov. 17.

Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Compositions of matter and petroleum products and making same. 2,061,008; Nov. 17.

Reilly, Frank J., assignor to Produce Conditioners, Inc., Miami, Fla. Process and apparatus for conditioning commodities. 2,061,329; Nov. 17.

Reiman, Oscar G. (See Sentman, William C., assignor.)

Ressler, Hugh C., and M. P. Wilder, assignors, by mesne assignments, to Radio Inventions, Inc., New York, N. Y. Control of electron streams. 2,060,825; Nov. 17.

Reynolds Research Corporation. (See Moody, Virginius W., assignor.)

Rheinstrom, James A., assignor to The Karl Kiefer Machine Company, Cincinnati, Ohio. Filtermasse washer. 2,061,089; Nov. 17.

Rhoads, Albert E., assignor to Detroit Electric Furnace Company, Detroit, Mich. Electric furnace. 2,061,090; Nov. 17.

Richardson, Edgar C., Newport, Del., and M. J. Vittengl, Fairfield, Conn., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for impregnating nonwoven fabrics. 2,060,897; Nov. 17.

Richards-Wilcox Manufacturing Company. (See Tamsitt, Joseph C., assignor.)

Ridgely Trimmer Company, The. (See Friermood, Charles L.)

Riebel, Frederick, Jr., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,061,330; Nov. 17.

Riemerschmid, Fritz, Heidenheim-on-the-Brenz, Germany. Motor vehicle. 2,061,290; Nov. 17.

Ringe, William H., Berkeley, Calif. Traveling hoist. 2,061,044; Nov. 17.

Rix, Milton H. (See Dehn, W. C., and Rix.)

Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Water cooled friction pulley. 2,060,826; Nov. 17.

Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Water cooled pulley for centrifugals and the like. 2,060,827; Nov. 17.

Roberts, John D., assignor to Central Texas Iron Works, Waco, Tex. Truss. 2,061,103; Nov. 17.

Roberts, Samuel S., Pittsburgh, Pa. Rolling mill screw-down protection. 2,061,331; Nov. 17.

Robinson, Eddie, Kansas City, Mo. Electric terminal connecter. 2,061,291; Nov. 17.

Röchling, Robert. (See Zeller, Martin, assignor.)

Rockola, David C., Chicago, Ill. Amusement apparatus. 2,061,253; Nov. 17.

Rockwood, George H., Jr., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device. 2,061,254; Nov. 17.

Rockwood, George H., Jr., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device. 2,061,255; Nov. 17.

Roebuck, Leslie N., Melbourne, Victoria, Australia. Apparatus for use in the formation of artificial dentures. 2,061,484; Nov. 17.

Rogers, Arthur O. (See Nelson, R. E., and Rogers.)

Rohn, Wilhelm, Hanau-on-the-Main, Germany. Heat resisting article. 2,061,370; Nov. 17.

Rohwedder, Otto F., Davenport, assignor to Micro-Westco, Incorporated, Bettendorf, Iowa. Art of and machine for slicing bakery products. 2,061,315; Nov. 17.

Romano, Eugene J., Seattle, Wash. Submarine salvage apparatus. 2,061,256; Nov. 17.

Roos, Hans, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,061,104; Nov. 17.

Rosene, Victor E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control circuits. 2,060,898; Nov. 17.

Ross Gear & Tool Company. (See Creson, William K., assignor.)

Rössler, Georg. (See Frankenburger, W., and Rössler.)

Roth, Jacob, Brooklyn, N. Y. Brief case and similar article. 2,061,091; Nov. 17.

Rothrock, George L., Highland Park, assignor to General Motors Corporation, Detroit, Mich. Rear axle construction. 2,061,009; Nov. 17.

Royle, Vernon E., Paterson, N. J. Extruding machine. 2,061,407; Nov. 17.

Rüder, Heinrich Bernhard, Schonberg in Taunus, and H. Fiesel, Frankfort-on-the-Main, Germany, assignors to International Precipitation Company, Los Angeles, Calif. Apparatus for electrical precipitation. 2,061,045; Nov. 17.

Rue, John D., Niagara Falls, assignor to Hooker Electrochemical Company, New York, N. Y. Production of calcium hypochlorite bleach liquor suitable for bleaching of paper pulp. 2,061,332; Nov. 17.

Ruml, Bohuslav, Prague, Czechoslovakia. Method and device for reenforcing articles and structures made from concrete and the like. 2,061,105; Nov. 17.

Rupprecht, Kenneth J. (See Chittenden, F. D., and Rupprecht.)

Russell, Arthur O., White Plains, N. Y. Rotary pump for corrosive liquids. 2,060,899; Nov. 17.

Russell Manufacturing Company, The. (See Hendley, James A., assignor.)

Rutkoskie, George A., and N. S. Welk, assignors to The McBee Company, Athens, Ohio. Attachment for oversize forms. 2,061,408; Nov. 17.

Ryder, Earle A., West Hartford, Conn., assignor, by mesne assignments, to United Aircraft Corporation. Cooling means for air cooled internal combustion engines. 2,061,171; Nov. 17.

Sabilk, Ignaz, Stramberg, Czechoslovakia. Rotary drum filter. 2,061,257; Nov. 17.

San Francisco Sulphur Company. (See Ceccon, John B., assignor.)

Sangamo Electric Company. (See Holtz, Frederick C., assignor.)

Santore, Cono, Long Island City, N. Y., assignor to Breeze Corporations, Inc., Newark, N. J. Latch for bulkhead doors. 2,060,903; Nov. 17.

Santurello, Peter, Columbus, Ohio. Hair waving apparatus. 2,061,212; Nov. 17.

Sardik Incorporated. (See Cowgill, William W., assignor.)

Saxe, Arthur C., assignor to The Jaeger Machine Company, Columbus, Ohio. Centrifugal pump structure. 2,061,521; Nov. 17.

Sayles Biltmore Bleacheries, Inc. (See McCulloh, Marvin W., assignor.)

Schaefer, Fred, Hammond, Ind. Hydraulic dredge swinger. 2,061,440; Nov. 17.

Scheinman, Sol, White Plains, N. Y. Reenforced collapsible file casing. 2,061,485; Nov. 17.

Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Resistance element. 2,061,106; Nov. 17.

Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Making resistance elements. 2,061,107; Nov. 17.

Schimmelschmidt, Kurt. (See Zahn, K., Schimmelschmidt, and Koch.)

Schmidt, George R., St. Louis, Mo. Making metallic pads. 2,061,046; Nov. 17.

Schou, Theodor, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Insulating electrical coil winding. 2,061,388; Nov. 17.

Schuh, Charles H., Ridgewood, N. Y., assignor to Microcel Corporation, South River, N. J. Building construction. 2,061,486; Nov. 17.

Schultz, Oswald R., New York, N. Y., assignor to Cellu-Type Plate Co., Inc., Union City, N. J. Forming printing surfaces on cylinders. 2,060,828; Nov. 17.

Schwabe, Hermann J., Chemnitz, Germany. Dimming device. 2,061,172; Nov. 17.

Schwalbe, Franz G., assignor to Toledo Engineering Company, Incorporated, Toledo, Ohio. Glass tank feeding shelf. 2,061,213; Nov. 17.

Schwarze Electric Company. (See Von Voigtlander, Frederick, assignor.)

Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Making spindles for lamp standards and the like, and products thereof. 2,061,134; Nov. 17.

Schweitzer, Jr., Edmund O., Northbrook, Ill. Timepiece. 2,061,047; Nov. 17.

Scott, Norman D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of dihydronaphthalene-dicarboxylic acids and making the same. 2,060,829; Nov. 17.

Scott, Richard G., Cosicana, Tex. Testing apparatus for electric appliance. 2,061,487; Nov. 17.

Seid, Herman. (See Yaglon, Constantin P., assignor.)

Seitz-Werke G. m. b. H. (See Adams, Robert, assignor.)

Sentman, William C., assignor of one-half to O. G. Reiman, Kellogg, Idaho. Bottle cap. 2,061,214; Nov. 17.

Shake-Back Corporation, The. (See McHugh, Frank J., assignor.)

Sharp, Lewis. (See Whitlock, R. G., and Sharp.)

Shattow, Emil E., Chicago, Ill. Drawing ink bottle holder. 2,061,108; Nov. 17.

Sheller-Gross Company, The. (See Kenny, Thomas J., assignor.)

Shell Development Company. (See Groll, H. P. A., and Hearne, assignors.)

Shelor, Frederick L., assignor to Innovation Brakes, Inc., Richmond, Va. Producing and maintaining a vacuum on a chamber. 2,061,488; Nov. 17.

Shively, Walter E., Fairlawn, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Inner tube. 2,061,522; Nov. 17.

Sieger, Maurice P., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Reel. 2,061,109; Nov. 17.

Silberman, David, New York, assignor to Waldes Koh-I-Norr, Inc., Long Island City, N. Y. Slide operative fastener structure. 2,060,830; Nov. 17.

Simmen, Oscar, Erlach, assignor to firm Sulzer Freres Societe Anonyme, Winterthur, Switzerland. Control apparatus for vehicles of the Diesel-electric type 2,060,900; Nov. 17.

Skinner, Chester, assignor to The American Steel and Wire Company of New Jersey, Donora, Pa. Sintering machine. 2,061,333; Nov. 17.

Small, Albert, assignor to Snapfit Round Crystal Corporation, New York, N. Y. Machine and method for forming watch crystals. 2,061,173; Nov. 17.

Small, Joseph E. (See Macdonald, L. S., and Small.)

Smith, Beecher D., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Assembling a balanced rotor. 2,060,901; Nov. 17.

Smith, Beecher D., West Allis, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Apparatus for measuring the moments of blade segments. 2,060,904; Nov. 17.

Smith, Claude H., Tallmadge, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Sulphur. 2,061,523; Nov. 17.

Smith, Ed S., Jr., assignor to Builders Iron Foundry, Providence, R. I. Method of and apparatus for telemetering. 2,061,441; Nov. 17.

Smith, Ernest J., Fleet Street, England, assignor to The Goss Printing Press Company, Chicago, Ill. Stereotype plate trimming machine. 2,061,292; Nov. 17.

Smith, George O., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Asymmetrical conductor. 2,060,905; Nov. 17.

Smith, Harold O., Indianapolis, Ind., assignor to Turnsignal Corporation, Philadelphia, Pa. Signaling device for motor vehicles. 2,060,831; Nov. 17.

Smith, Ralph R., Fremont, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Dry cell. 2,060,832; Nov. 17.

Smith, Raymond D., Pleasantville, N. Y. Speed governed motor. 2,060,833; Nov. 17.

Smithe, F. L., Machine Co. Inc. (See Novick, Abraham, assignor.)

Smulski, Theodore J., assignor to The Anderson Company, Gary, Ind. Electrical apparatus. 2,061,048; Nov. 17.

Snapfit Round Crystal Corporation. (See Small, Albert, assignor.)

Snyder, James E., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Uniting materials. 2,060,906; Nov. 17.

Sobatzki, Raymond J. (See Peck, F. W., and Sobatzki.)

Sobemi (abreviation de: Société Belge d'Emballages Metalliques Industriels) Société Anonyme. (See Heymans, Paul, assignor.)

Societe des Ciments Francais et des Portland de Boulogne-sur-Mer et Compagnie des Portland de Desvres, (See Coiffu, Pierre, assignor.)

Société d'Etudes pour la Fabrication et l'Emploi des Engrais Chimiques. (See Andrès, Louis, assignor.)

Socony-Vacuum Oil Company. (See Reiff, Orland M., assignor.)

Socony-Vacuum Oil Company. (See Staber, Ernest H., assignor.)

Sohmer, Harry J. (See Heitzmann, Louis, assignor.)

Solar Manufacturing Corporation. (See Hetenyi, Paul, assignor.)

Soltz, Herman, Woodside, assignor to General Register Corporation, New York, N. Y. Ticket issuing machine. 2,061,389; Nov. 17.

Soverhill, Harvey A., Chicago, Ill., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Safety device for electric heaters. 2,061,258; Nov. 17.

Spangenberger, George R., Newark, N. J. Water heating. 2,061,174; Nov. 17.

Spargo, John. (See Mader, Emil A., assignor.)

Special Equipment Company. (See Ewald, Mark, assignor.)

Spellman, William R., Wilmington, Calif., Rotary combustion engine. 2,061,049; Nov. 17.

Sperry Gyroscope Company. (See Walter, Hollis, assignor.)

Spindler, Walter E., assignor to Aluminum Specialty Company, Manitowoc, Wis. Handle mounting for kitchenware. 2,061,409; Nov. 17.

Springer, Ray W., Detroit, Mich. Polishing wheel. 2,060,952; Nov. 17.

Squire, Nathen E., assignor to Ford Amusement Devices, Inc., Chicago, Ill. Target device. 2,061,092; Nov. 17.

Staber, Ernest H., Manhasset, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Construction of gasometer roof tanks. 2,061,175; Nov. 17.

Stablein, Wilhelm, Berlin-Hermsdorf, Germany, assignor to General Electric Company. Telemetering and position-signaling device and system. 2,061,410; Nov. 17.

Stafford, Dale A., Glendale, Calif., assignor of twenty-five per cent to P. E. Hanger. Reenforcing furring strip. 2,061,050; Nov. 17.

Stamm, Alfred J., Madison, Wis. Dedicated to the free use of the Public. Simultaneously sensoning and treating water-swollen fibrous materials. 2,060,902; Nov. 17.

Standard Mailing Machines Company. (See Storck, Frederick W., assignor.)

Stankey, Oscar, East St. Louis, Ill. Vehicle speed telltale. 2,060,907; Nov. 17.

Starr, Albert C., Nephi, Utah, assignor to Bendix Aviation Corporation, South Bend, Ind. Floating actuator. 2,060,908; Nov. 17.

Stauffer, Roy, Los Angeles, Calif. Track laying and picking-up machine and method. 2,061,110; Nov. 17.

Stein, Leonhard. (See Bockmühl, M., Ehrhart, and Stein.)

Steinmetz, Alfred E., Jr. (See Navert, J. F., Steinmetz, Alfred M. and A. E.)

Steinmetz, Alfred M. (See Navert, J. F., Steinmetz, Alfred M. and A. E.)

Stember, Bernard, East Orange, N. J. Lady's handbag. 2,061,293; Nov. 17.

Stephenson, William G., Newton Highlands, Mass. Display device and making the same. 2,061,294; Nov. 17.

Stevens, Daniel S., Chicago, Ill. Gaseous conduction device. 2,061,390; Nov. 17.

Stevens, Donald R., Swissvale, and W. A. Gruse, Wilkinsburg, assignors, by mesne assignments, to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of anti-oxidants. 2,061,111; Nov. 17.

Stewart, Ralph B., Chevy Chase, Md. Game device. 2,061,112; Nov. 17.

Stewart-Warner Corporation. (See Davis, E. W., and Williams, assignors.)

Stewart-Warner Corporation. (See Nord, Walter G., assignor.)

Sticht, Martin F., Woodhaven, N. Y. Cabinet. 2,061,010; Nov. 17.

Stimpson, Edwin B., Company. (See Gualtiere, Julius, assignor.)

Stitz, Wilbur E., Dayton, Ohio. Frequency meter. 2,060,834; Nov. 17.

Stone, Charles, Wayland, Mich. Self-propelled roller skate. 2,061,334; Nov. 17.

Stone, Irwin, New York, N. Y. Sterilizing vacuum cleaner dirt receptacles. 2,061,176; Nov. 17.

Storck, Frederick W., Arlington, assignor to Standard mailing Machines Company, Everett, Mass. Feeding severing, and moistening device. 2,061,524; Nov. 17.

Storck, Frederick W., Arlington, assignor to Standard Mailing Machines Company, Everett, Mass. Master clamping device for duplicators. 2,061,525; Nov. 17.

Storck, Frederick W., Arlington, assignor to Standard Mailing Machines Company, Everett, Mass. Moistening and feeding device for duplicators. 2,061,526; Nov. 17.

Stratford, Charles W., Kansas City, Mo., and A. E. Drissner, assignors to National Acme Company, Cleveland, Ohio. Centrifuge. 2,060,835; Nov. 17.

Strogen, Charles P., Rochester, N. Y. Cigarette parking tray. 2,061,335; Nov. 17.

Strom, Algot, assignor of one-half to J. A. Bulger, Juneau, Alaska. Pole scaffold. 2,060,953; Nov. 17.

Stuart, Kimberly, Neenah, Wis. Portable folding stove. 2,061,336; Nov. 17.

Sturdy's, J. F., Sons Co. (See Nelson, Nels T., assignor.)

Suhr, Herman, assignor to Acme Sheet Metal Works, Milwaukee, Wis. Method of and apparatus for drying. 2,061,259; Nov. 17.

Sukumlyn, Thomas W., Los Angeles, Calif. Control system for electron emission. 2,061,113; Nov. 17.

Sullivan Machinery Company. (See Prendergast, James and J., assignors.)

Sulzer Freres Societe Anonyme. (See Simmen, Oscar, assignor.)

Summers, Earl G., Clendenin, W. Va. Pie cutter. 2,061,442; Nov. 17.

Sundstrand, Oscar J., Rockford, Ill., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Bookkeeping machine. 2,060,954; Nov. 17.

Superior Steel Corporation. (See Kientz, Joseph C., Jr., assignor.)

Sutherland Paper Company. (See Annen, James E., assignor.)

Sweet, Clifford I., assignor to The Delphos Bending Company, Delphos, Ohio. Baby rocker. 2,061,527; Nov. 17.

Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Automatic starting means for hydrocarbon engines. 2,060,955; Nov. 17.

Tamsitt, Joseph C., assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Electrical contactor. 2,061,391; Nov. 17.

Tanasso, Vincent, Harrison, and J. J. Pomeranz, Brooklyn, N. Y. Folding Oxford eyeglasses. 2,061,411; Nov. 17.

Tanzen, August, Dessau-Halldeburg in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Film roll. 2,060,956; Nov. 17.

Tarvin, Cleo E., New York, and W. G. Dodge, Flushing, assignors to News Syndicate Co., Inc., New York, N. Y. Mechanism for measuring color change. 2,060,957; Nov. 17.

Tasker, Homer G., Douglaston, assignor to United Research Corporation, Long Island City, N. Y. Film magazine. 2,061,177; Nov. 17.
Tatter, John W., Detroit, assignor of one-half to G. B. Ingersoll, Dearborn, Mich. Clutch. 2,061,093; Nov. 17.
Taub, Ludwig, and W. Kropp, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company Inc., New York, N. Y. N-Monoalkylated 5.5-disubstituted barbituric acids. 2,061,114; Nov. 17.
Taxner, Frank, Turtle Creek, Pa. Thermal cut-out switch. 2,060,836; Nov. 17.
Taxner, Frank, Turtle Creek, Pa. Switch for electric circuits. 2,060,837; Nov. 17.
Taylor, Cecil H., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,060,909; Nov. 17.
Taylor, George H., Norfolk, assignor to Metallic Tag Company, Richmond, Va. Marking tag. 2,061,215; Nov. 17.
Taylor Instrument Companies. (See Vogt, William H., assignor.)
Taylor, James S., Tulsa, Okla. Well clean-out tool. 2,061,480; Nov. 17.
Taylor, John J., Wadsworth, assignor to The Ohio Brass Company, Mansfield, Ohio. Clamp. 2,061,371; Nov. 17.
Taylor, John L., West View, Pa. Hatch construction. 2,061,337; Nov. 17.
Taylor, John L., Milwaukee, Wis. Static balancing machine. 2,060,958; Nov. 17.
Tebo, Gordon B., and J. C. Burkholder, Toronto, Ontario, Canada. Hight potential indicator. 2,061,115; Nov. 17.
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Prinz, Dietrich, assignor.)
Teletype Corporation. (See Thienemann, Rolf A., assignor.)
Terry, Robert, assignor to General Motors Corporation, Detroit, Mich. Copper brazing. 2,060,959; Nov. 17.
Teves, Martin C. (See Hendrik, J. H., van Geel, and Teves.)
Texas Company, The. (See Thomas, James M., assignor.)
Textile Machine Works. (See Gastrich, Gustav, assignor.)
Thienemann, Rolf A., assignor to Teletype Corporation, Chicago, Ill. Control unit for linecasting and composing machines. 2,060,838; Nov. 17.
Thomas, James M., Lefors, Tex., assignor to The Texas Company, New York, N. Y. Oil field tank equipment. 2,061,094; Nov. 17.
Thompson, Albert R., San Jose, assignor to Pacific Machinery Company, San Francisco, Calif. Fruit pitter. 2,061,051; Nov. 17.
Thompson, Albert R., San Jose, and J. M. Hait, San Marino, assignors to Food Machinery Corporation, San Jose, Calif. Machine for and method of filling boxes. 2,061,490; Nov. 17.
Thompson Bros. Shoe Co. (See Macdonald, L. S., and Johnson, assignors.)
Thompson Bros. Choe Co. (See Macdonald, L. S., and Small, assignors.)
Thompson, Henry C., Longmeadow, Mass. Floor waxing device. 2,061,216; Nov. 17.
Thompson, William M., Meadville, Pa. Cutting tool. 2,061,491; Nov. 17.
Thornton, James K., Alma, Mich. Method and apparatus for maintaining a constant temperature within an inclosure. 2,061,116; Nov. 17.
Thwaits, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Trailer tank assemblage. 2,061,117; Nov. 17.
Tillotson, Nell E., Watertown, Mass. Article of wearing apparel and method of producing. 2,060,961; Nov. 17.
Tisdell, Thomas A. (See Rae, W. and Tisdell, assignors.)
Todd Combustion Equipment, Inc. (See Hang, Joseph, Jr., assignor.)
Toledo Engineering Company, Inc. (See Schwalbe, Franz G., assignor.)
Tolman, Hugh H., assignor, by mesne assignments, to The Ohio Art Co., Bryan, Ohio. Memorandum calendar or the like. 2,061,492; Nov. 17.
Tondreau, Albert W., Glendale, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Motion picture camera. 2,061,178; Nov. 17.
Tracy, John M., assignor to The American Hardware Corporation, New Britain, Conn. Sash lock. 2,061,493; Nov. 17.
Trane Company, The. (See Anderegg, Reuben H., assignor.)
Tratsch, Walter A., and B. C. Grunig, Chicago, Ill. Game apparatus. 2,060,960; Nov. 17.
Treanor, Edward D., and H. M. Acly, Pittsfield, Mass., assignors to General Electric Company. Insulator. 2,061,412; Nov. 17.
Tremain, Ruth V. (See Henze, O. C. W., and Tremain.)
Trolander, Elmer W., and W. C. Wilson, assignors to Pyroxylin Products, Inc., Chicago, Ill. Electrical insulation. 2,061,528; Nov. 17.
Tropea, Frank P., St. Louis, Mo. Box lid holding device. 2,061,413; Nov. 17.
Tufts, Nathan, and E. T. Johnson, assignors to The New England Box Company, Greenfield, Mass. Nesting box. 2,061,414; Nov. 17.
Turak, Anthony, Cleveland, Ohio. Dispenser. 2,061,052; Nov. 17.
Turnbull Cone & Machine Company. (See Turnbull, Francis W., assignor.)
Turnbull, Francis W., assignor to Turnbull Cone & Machine Company, Chattanooga, Tenn. Ice cream cone. 2,061,260; Nov. 17.
Turner, Charles S., assignor, by mense assignments, to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 2,060,910; Nov. 17.
Turner, Ransom H., Little Neck, assignor to Intertype Corporation, Brooklyn, N. Y. Quadding and centering device. 2,061,529; Nov. 17.
Turnsignal Corporation. (See Smith, Harold O., assignor.)
Twiss, Douglas F., Wylde Green, and W. McCowan, Kings Heath, Birmingham, England, assignors to Dunlop Rubber Company Limited. Production of play balls. 2,060,962; Nov. 17.
Tyler, W. S., Company, The. (See Wettlaufer, William L., assignor.)
Underwood Elliott Fisher Company. (See Lentz Lawrence E., assignor.)
Underwood Elliott Fisher Company. (See Sundstrand, Oscar J., assignor.)
Union Carbide and Carbon Corporation. (See Cahoon, Nelson C., assignor.)
Union Carbide and Carbon Corporation. (See Kahle, Heinrich, assignor.)
Union Carbide and Carbon Corporation. (See Marsal, Paul A., assignor.)
Union Carbide and Carbon Corporation. (See Oldham, Samuel R., assignor.)
Union Carbide and Carbon Corporation. (See Smith, Ralph R., assignor.)
Union Metal Products Company. (See Gilpin, Garth G., assignor.)
Union Special Machine Company. (See Kucera, Frank A., assignor.)
United Aircraft Corporation. (See Ryder, Earle A., assignor.)
United-Carr Fastener Corporation. (See Cox, Joseph F., assignor.)
United-Carr Fastener Corporation. (See Drumpelmann, Carlton T., assignor.)
United-Carr Fastener Corporation. (See Hall, Charles L., assignor.)
United-Carr Fastener Corporation. (See Johnson, Gustav, assignor.)
United-Carr Fastener Corporation. (See Kimbell, Arthur W., assignor.)
United Engineering & Foundry Company. (See Sieger, Maurice P., assignor.)
United Research Corporation. (See McCloy, Roy C., assignor.)
United Research Corporation. (See Tasker, Homer G., assignor.)
United States Rubber Products, Inc. (See Chittenden, F. D., and Rupprecht, assignors.)
Universal Oil Products Company. (See Ipatieff, Vladimir, assignor.)
Van Degrift, Thomas C., assignor to General Motors Corporation, Detroit, Mich. Vibration indicating device. 2,060,963; Nov. 17.
Van Geel, Willem C. (See de Boer, J. H., van Geel, and Teves.)
Victor Manufacturing & Gasket Company. (See Heinze, William A., assignor.)
Vingerhoets, Antonius, W., assignor, by mesne assignments, to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands. Circuit arrangement for electrical time control. 2,061,011; Nov. 17.
Viscose Company, The. (See Collins, Benjamin W., assignor.)
Vittengl, Morgan J. (See Richardson, E. C., and Vittengl.)
Vogt, William H., assignor to Taylor Instrument Companies, Rochester, N. Y. Regulator. 2,061,118; Nov. 17.
Vogue Mfg. Co. (See Hollar, John V., assignor.)
Voight, Ottomar, Dusseldorf, assignor of one-half to "Blitz-Filter" G. m. b. H., Berlin, Germany. Coffee filter. 2,061,119; Nov. 17.
Von Latscher-Latka, Eric. (See Aigner, Hans, assignor.)
Von Voigtlander, Frederick, assignor to Schwarz Electric Company, Adrian, Mich. Sound signaling. 2,060,911; Nov. 17.
Vorech, Stephen, assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Steering mechanism. 2,061,120; Nov. 17.
Votaw, Verling M. (See Colth, H. S., and Votaw.)
Votaw, Verling M., and H. S. Colth, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Baked goods and making same. 2,061,121; Nov. 17.
Wade, Henry N., assignor to Parkhill-Wade, Incorporated, Los Angeles, Calif. Hose valve and coupling for volatile liquids. 2,061,012; Nov. 17.
Wade, Henry N., assignor to Parkhill-Wade, Incorporated, Los Angeles, Calif. Apparatus for dispensing highly volatile liquids. 2,061,013; Nov. 17.
Wade, Henry N., Los Angeles, Calif., assignor to Parkhill-Wade, Incorporated. Apparatus for dispensing highly volatile liquids. 2,061,014; Nov. 17.
Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,060,912; Nov. 17.
Wahlbeck, John H. (See Prosser, T. W., and Wahlbeck.)
Waldes Koh-I-Noor, Inc. (See Silberman, David, assignor.)

Walker, Joseph E., Grand Rapids, Mich. Former for making cellular structures as honeycomb and the like. 2,061,295; Nov. 17.
Wallace, John E., Foxboro, assignor, by mesne assignments, to F. V. McCarthy, Lynn, Mass. Sprinkler system. 2,061,015; Nov. 17.
Wallace & Tierman Company. (See Henderson, Clark T., assignor.)
Wallin, Gustaf A., Flushing, assignor to A. Kimball Company, New York, N. Y. Tack. 2,061,372; Nov. 17.
Walter, Hollis, Baldwin, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Built-up rotor for gyroscopes. 2,061,261; Nov. 17.
Walther, George J., Winona, Minn. Collapsible tube closure. 2,061,124; Nov. 17.
Walton, George W., London, England. Natural color picture reproduction. 2,061,016; Nov. 17.
Ward, Charles M., Franklin, assignor of one-fifth to J. B. Ward, St. Louis, Mo. Game trap. 2,061,123; Nov. 17.
Ward, James B. (See Ward, Charles M., assignor.)
Ward, Julian P., assignor to The General Coating Company, Cleveland, Ohio. Coating process. 2,061,338; Nov. 17.
Warner Bros. Pictures, Inc. (See Tondreau, Albert W., assignor.)
Watcher, Albert K., Cincinnati, assignor to The Cincinnati Tool Company, Norwood, Ohio. Clamp. 2,061,217; Nov. 17.
Waterman, Logan C., Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Electric treating system for emulsions. 2,060,839; Nov. 17.
Watson, R. T., Burkett, Tex. Convertible post hole digger. 2,061,218; Nov. 17.
Weaver, Leo L., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical conductor. 2,060,913; Nov. 17.
Weaver, Leo L., Cranford, and C. A. Webber, Westfield, N. J., said Weaver assignor to Western Electric Company, Inc., and said Webber assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical conductor. 2,060,914; Nov. 17.
Webb, Christopher F. (See Black, H. D., and Webb.)
Webber, Carroll A. (See Weaver, L. L., and Webber.)
Weber, Walter H., assignor to Detroit Lubrication Company, Detroit, Mich. Carburetor. 2,061,494; Nov. 17.
Wedger, Walter H., Belmont, assignor to Boston Blacking & Chemical Co., Boston, Mass. Manufacture of shoes. 2,061,296; Nov. 17.
Wedger, Walter H., Belmont, assignor to Boston Blacking & Chemical Co., Boston, Mass. Shoe and making same. 2,061,297; Nov. 17.
Weinig Made-Rite Company. (See Murasco, Joseph, assignor.)
Weisz, George R., Chicago, Ill. Inkwell bottle. 2,061,262; Nov. 17.
Welding Service, Inc. (See Frickey, Royal E., assignor.)
Welk, Nelson S. (See Rutkoskie, G. A., and Welk.)
Wells, Clayton F., Oak Park, Ill. Cast iron porcelain-enameled tiling. 2,061,263; Nov. 17.
Wendell, Rubert C. (See Polivka, R., and Wendell.)
Wener, Harold, Herkimer, N. Y. Separable fastener. 2,061,125; Nov. 17.
West, George, assignor to Whitin Machine Works, Whitinsville, Mass. Spinning ring and securing device therefor. 2,061,443; Nov. 17.
Western Electric Company. (See Bullard, William J., assignor.)
Western Electric Company. (See Johnstone, Harold G., assignor.)
Western Electric Company. (See Polivka, R., and Wendell, assignors.)
Western Electric Company. (See Weaver, Leo L., assignor.)
Western Electric Company. (See Weaver, L. L., and Webber, assignors.)
Western States Machine Company, The. (See Roberts, Eugene, assignor.)
Westinghouse Electric & Manufacturing Company. (See Calvert, John F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Critchlow, Ezra F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Duffing, Paul, assignor.)
Westinghouse Electric & Manufacturing Company. (See Potter, J. A., and Rathbun, assignor.)
Westrope, Fred J., Detroit, Mich., assignor to The Murray Corporation of America. Unit sealing and guide strip for glass run channels. 2,060,915; Nov. 17.
Westrope, Fred J., Detroit, Mich., assignor to The Murray Corporation of America. Window support and regulating device. 2,060,916; Nov. 17.
Wettlaufer, William L., Buffalo, N. Y., assignor to The W. S. Tyler Company, Cleveland, Ohio. Apparatus for treating materials. 2,061,179; Nov. 17.
Wheeler, Harley T., Dallas, Tex. Packing gasket. 2,061,392; Nov. 17.
White, Clyde L., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,060,917; Nov. 17.
Whitin Machine Works. (See West, George, assignor.)
Whitlock, Ralph G., Los Angeles, and L. Sharp, Huntington Park, Calif., assignors to Federal Foundation Inc., Las Vegas, Nev. Conduit cap. 2,060,840; Nov. 17.
Whiton, Herman F. (See Brack, J. D., and Whiton.)
Wider, George J., Floral Park, assignor to Dreher Bros. & Wider, New York, N. Y. Funnel for use in spinning rayon and other synthetic threads. 2,060,964; Nov. 17.
Wilbur, Lawrence S., Evanston, Ill. Reconditioning metal articles. 2,061,264; Nov. 17.
Wilder, Marshall P. (See Ressler, H. C., and Wilder.)
Wile, Daniel D., assignor to Detroit Lubricator Company, Detroit, Mich. Control means. 2,061,530; Nov. 17.
Wiley, Samuel, Metuchen, N. J. Flare. 2,060,841; Nov. 17.
Willcox, Charles L., Atlanta, Ga. Razor blade reconditioning device. 2,061,444; Nov. 17.
Willcox, Charles L., Atlanta, Ga. Safety razor. 2,061,445; Nov. 17.
Willey, Edward A., and E. F. Casey, assignors to Converse Rubber Company, Malden, Mass. Cementing machine. 2,061,053; Nov. 17.
Williams, Lester J., assignor to Carl Braun, Inc., Canastota, N. Y. Assembly mechanism for can and cover washing machines. 2,061,180; Nov. 17.
Williams, Lynn A., Jr. (See Davis, E. W., and Williams.)
Wilson, Charles P., Jr., Houston, Tex. Manufacture of oil soluble phenols. 2,060,965; Nov. 17.
Wilson, Earle, Chicago, Ill., assignor to The American Oak Leather Co., Cincinnati, Ohio. Apparatus for firming and finishing leather. 2,061,446; Nov. 17.
Wilson, William C. (See Trolander, E. W., and Wilson.)
Wingfoot Corporation. (See Clifford, Albert M., assignor.)
Wingfoot Corporation. (See Shively, Walter E., assignor.)
Wingfoot Corporation. (See Smith, Claude H., assignor.)
Wingfoot Corporation. (See Wolfe, William D., assignor.)
Winthrop Chemical Company. (See Bockmühl, M., Ehrhart, and Stein, assignors.)
Winthrop Chemical Company. (See Hampe, F., and Persch, assignors.)
Winthrop Chemical Company Inc. (See Taub, L. and Kropp, assignors.)
Wolfe, William D., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Antioxidant for rubber. 2,061,531; Nov. 17.
Wood, Glenn D., assignor to Posture Research Corporation, Elkhart, Ind. Chair seat. 2,061,054; Nov. 17.
Woodruff, Graham C., Bronxville, N. Y., assignor to The L. C. L. Corporation. Loading, transporting, and unloading brick, or like commodities. 2,061,495; Nov. 17.
Wright, Charles L., Monroe, N. Y. Washing device for automobiles and the like. 2,061,219; Nov. 17.
Wright, David E., Harrisonburg, Va., assignor of one-third to F. E. Wright, Washington, D. C. Collapsible carton. 2,061,496; Nov. 17.
Wright, F. Everett. (See Wright, David E., assignor.)
Wright, Jennie. (See Evans, Joshua D., assignor.)
Yacovino, Ralph, New York, N. Y. Shirt. 2,061,181; Nov. 17.
Yaglou, Constantin P., Boston, Mass., assignor, by mesne assignments, to H. Seid, New York, N. Y. Controlling ionic content of air. 2,060,842; Nov. 17.
Yeomans, Lucien I., assignor to Lucien I. Yeomans, Incorporated, Chicago, Ill. Ice cube chipper. 2,061,265; Nov. 17.
Yeomans, Lucien I., Incorporated. (See Yeomans, Lucien I., assignor.)
Young, Herbert, et al. (See Brewer, John G., assignor.)
Young, Leonard A., Detroit, Mich. Garment hanger. 2,061,266; Nov. 17.
Young, Leonard P., New York, N. Y. Electric appliance. 2,060,918; Nov. 17.
Zahn, Karl, K. Schimmelschmidt, and H. Koch, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water insoluble azo dyestuffs and fiber dyed therewith. 2,061,126; Nov. 17.
Zeller, Martin, Assignor to Robert-Röchling, Munich, Germany. Production of a photographic exposure material for color screen pictures. 2,061,182; Nov. 17.
Zenner, David R., and D. A. Nevin, assignors to The McBee Company, Athens, Ohio. Peg board. 2,061,532; Nov. 17.
Zirm, Frederick P. (See Zirm, Robert W. and F. P.)
Zirm, Robert W., Reynoldsville, and F. P. Zirm, Bloomsburg, Pa. Loom. 2,061,339; Nov. 17.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 17TH DAY OF NOVEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Automobile body and mounting therefor. J. P. Tarbox. 20,176; Nov. 17.
Cigarette package. B. McPherson. 20,173; Nov. 17.
Container sealing and dispensing device. J. B. Paardecamp. 20,174; Nov. 17.
Harp fixture for electric lamps, Swivel. K. Berger. 20,170; Nov. 17.
Meter of the thermal type, Electric. P. M. Lincoln. 20,172; Nov. 17.
Ornamenting machine. B. W. Freeman. 20,177; Nov. 17.
Vehicle, Motor. G. H. Curtiss. 20,171; Nov. 17.
Water heating apparatus for house heating systems. J. Vanorio. 20,175; Nov. 17.

LIST OF PLANT INVENTIONS

Buddleia. P. Schmidt. 206; Nov. 17.
Chrysanthemum, Bronze. C. C. Mayhew. 205; Nov. 17.
Chrysanthemum, White. C. C. Mayhew. 204; Nov. 17.
Poplar, Hybrid. R. H. McKee. 207; Nov. 17.

LIST OF DESIGN INVENTIONS

Accordion, Piano. R. D. Budlong. 101,934; Nov. 17.
Atomizer. F. A. Vuillemenot. 102,011–14; Nov. 17.
Base for a desk set or the like. G. J. Sengbusch. 101,974; Nov. 17.
Battery electrode element. A. I. Eddy. 102,020; Nov. 17.
Billfold. C. T. Mecker. 101,996; Nov. 17.
Bottle. E. W. Fuerst. 101,984; Nov. 17.
Bowl or similar article, Sugar. B. Kogan. 101,959; Nov. 17.
Box, Battery. R. Le Clercq. 101,995; Nov. 17.
Brake, Coaster. A. J. Musselman. 101,999; Nov. 17.
Brush and comb, Combined hair. J. D. Dean. 101,982; Nov. 17.
Buckle. J. B. Freysinger. 101,916; Nov. 17.
Button. F. H. Fisher. 101,943–5; Nov. 17.
Cabinet, Radio receiving. F. M. Breen. 101,980; Nov. 17.
Cabinet, Table radio. A. C. Heise and M. W. Jacobi. 102,021; Nov. 17.
Carrier, Bicycle luggage. E. F. Pawsat. 101,968; Nov. 17.
Carrier for bicycles or the like, Luggage. E. F. Pawsat. 101,967; Nov. 17.
Case, Instrument. H. Y. Norwood and H. S. Robbins. 102,009; Nov. 17.
Case, Storage battery. O. O. Rieser. 102,004–5; Nov. 17.
Casing, Flashlight. C. D. Barrett. 101,929; Nov. 17.
Casing, Flashlight. C. D. Barrett. 101,979; Nov. 17.
Casing, Induction coil. P. Piffath. 102,001; Nov. 17.
Chair, Lounge. M. B. Smith. 101,976; Nov. 17.
Console, Organ. W. M. Day. 101,941; Nov. 17.
Container. G. Wilmet. 102,016; Nov. 17.
Container cluster and support therefor, Combined liquor. C. Raetsch. 102,003; Nov. 17.
Container or similar article, Display. J. C. O. Ritzenthaler. 102,006; Nov. 17.
Cup or similar article. B. Kogan. 101,958; Nov. 17.
Drain. D. S. Williams. 101,978; Nov. 17.
Drawer pull. R. H. Martin. 101,964–5; Nov. 17.
Dress. W. G. Steinman. 102,010; Nov. 17.
Extractor, Fruit juice. W. P. Koch. 101,957; Nov. 17.
Fabric or similar article, Textile. E. Castro. 101,935; Nov. 17.
Fabric or similar article, Textile. J. Heim. 101,948–52; Nov. 17.
Fabric or similar article, Textile. J. Heim. 101,988–9; Nov. 17.
Fabric or similar article, Textile. L. Portong. 102,002; Nov. 17.
Fabric or similar article, Textile. P. Reiman. 101,970; Nov. 17.
Fabric, Textile. A. J. Bartson. 101,931–2; Nov. 17.
Fabric, Textile. D. T. Duncan. 101,942; Nov. 17.
Flashlight head shell. C. D. Barrett. 101,930; Nov. 17.
Flashlight head shell. C. D. Barrett. 102,017; Nov. 17.
Glove. W. E. Meyers. 101,997; Nov. 17.
Goblet or similar article. A. J. Cunningham. 101,938–40; Nov. 17.
Handle bar. H. H. Henry. 101,953; Nov. 17.
Heater, Electric windshield. J. H. Cohen. 102,018; Nov. 17.
Holder, Candle. J. Brenowitz and I. Gottlieb. 101,933; Nov. 17.
Jar. F. Smith. 102,008; Nov. 17.
Lace. J. Dognin. 102,019; Nov. 17.
Lace. L. E. Hart and H. E. Lewy. 101,986–7; Nov. 17.
Lighting unit, Twin socket. G. H. Weiner. 102,015; Nov. 17.
Measure and dispenser, Combined beverage. R. L. Hubbard and R. J. Burke. 101,955; Nov. 17.
Medallion. M. C. Holmes. 101,954; Nov. 17.
Musical instrument, Humming. R. D. Peebles. 101,969. Nov. 17.
Nail, Upholstery. L. Le Breux. 101,962; Nov. 17.
Nail, Upholstery. O. Schuster. 101,971–3; Nov. 17.
Ornament, Automobile radiator cap. A. Sebek. 102,007; Nov. 17.
Ornament, Radiator. F. Q. Hershey. 101,990; Nov. 17.
Ornament, Radiator. W. R. Milner. 101,998; Nov. 17.
Overshoe. B. B. Craver. 101,936–7; Nov. 17.
Pitcher or similar article. B. Kogan. 101,961; Nov. 17.
Plate or similar article, Glass. J. E. Duncan, 3d, and R. A. May. 101,983; Nov. 17.
Projector or similar article. G. Kende and E. M. Porter. 101,956; Nov. 17.
Pump unit for oil burners. E. J. Lattner. 101,993–4; Nov. 17.
Pump unit, Water system. S. E. Larson. 101,992; Nov. 17.
Radio receiving set. D. J. Crowley. 101,981; Nov. 17.
Raincape, Reversible. J. Stein. 102,009; Nov. 17.
Range or similar article. J. R. Haley. 101,985; Nov. 17.
Ring or similar article, Finger. M. Hagerstrom. 101,947; Nov. 17.
Shoe. H. Zuckerman. 101,977; Nov. 17.
Shoe or similar article. W. B. Mackey. 101,963; Nov. 17.
Showcase. P. Wilson. 102,022; Nov. 17.
Sweeper, Carpet. E. R. Smith. 101,975; Nov. 17.
Teapot or similar article. B. Kogan. 101,960; Nov. 17.
Top for containers, Dispensing. C. S. Humphrey. 101,991; Nov. 17.
Toy cannon. H. J. Nycz. 101,966; Nov. 17.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 17TH DAY OF NOVEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Actuator, Floating. A. C. Starr. 2,060,908; Nov. 17.
Adjustable tumbler lock. L. E. Deutsch. 2,060,978; Nov. 17.
Advertising device. E. L. King. 2,061,309; Nov. 17.
Agitating apparatus. C. L. Friermood. 2,060,932; Nov. 17.
Air and solids from liquids, Apparatus for separating. T. J. Kenny. 2,061,517; Nov. 17.
Air conditioning apparatus. R. H. Anderegg. 2,061,447; Nov. 17.
Air conditioning apparatus. F. P. Bingman. 2,061,344; Nov. 17.
Air conditioning system for motor vehicle bodies. J. L. Breese, Jr. 2,060,923; Nov. 17.
Aircraft. S. I. Molicki. 2,060,946; Nov. 17.
Aircraft intercommunication system. G. L. Hunt. 2,060,806; Nov. 17.
Airplane bracing. G. Loening. 2,061,242; Nov. 17.
Airship. M. Jelalian. 2,061,075; Nov. 17.
Air supply device for internal combustion engines. F. Mueller. 2,061,166; Nov. 17.
Air velocity meter. J. R. Boyle. 2,060,848; Nov. 17.
Alcohols, Conversion of polyhalogenated. H. P. A. Groll and G. Hearne. 2,061,377; Nov. 17.
Alloprene-rayon and products thereof, Producing. R. S. Bley. 2,060,786; Nov. 17.
Alloys, Preparation of lead-sodium-magnesium. F. B. Downing, L. S. Bake, and A. E. Parmelee. 2,061,267; Nov. 17.
Ammonium compounds and the production thereof, Quaternary. W. S. Calcott and R. G. Clarkson. 2,060,850; Nov. 17.
Amusement apparatus. D. C. Rockola. 2,061,253; Nov. 17.
Antifriction bearing. G. B. Kurtzon. 2,061,279; Nov. 17.
Antioxidant for rubber. W. D. Wolfe. 2,061,531; Nov. 17.
Anti-oxidants, Manufacture of. D. R. Stevens and W. A. Gruse. 2,061,111; Nov. 17.
Apparel and producing, Article of wearing. N. E. Tillotson. 2,060,961; Nov. 17.
Apparel, Wearing. B. Polis. 2,061,481; Nov. 17.
Arm for awning frames. B. A. Peterson. 2,061,207; Nov. 17.
Articles and structures made from concrete and the like, Method and device. B. Ruml. 2,061,105; Nov. 17.
Assembling device. C. J. Filipak. 2,061,272; Nov. 17.
Attachment for oversize forms. G. A. Rutkoskie and N. S. Welk. 2,061,408; Nov. 17.
Automobile brake. E. G. Carroll. 2,060,853; Nov. 17.
Axle bearing, Lubricated. V. Bary. 2,060,793; Nov. 17.
Axle construction, Rear. G. L. Rothrock. 2,061,009; Nov. 17.
Axle for vehicles, Front. T. M. Fraser. 2,061,231; Nov. 17.
Azodyestuffs and their production. W. E. Kemmerich. 2,061,159; Nov. 17.
Bag. L. A. Egler. 2,061,302; Nov. 17.
Bag or sack. J. D. Cramer. 2,061,375; Nov. 17.
Bags, Making. A. Potdevin. 2,061,437–8; Nov. 17.
Bagasse, Macerating. W. D. Hymers. 2,061,196; Nov. 17.
Baguette hook. N. T. Nelson. 2,061,041; Nov. 17.
Baked goods and making the same. V. M. Votaw and H. S. Coith. 2,061,121; Nov. 17.
Bakery products, Art of and machine for slicing. O. F. Rohwedder. 2,061,315; Nov. 17.
Baking process. D. A. Garrett. 2,061,149; Nov. 17.
Ball, Play. J. H. Grady. 2,060,987; Nov. 17.
Balls, Production of play. D. F. Twiss and W. McCowan. 2,060,962; Nov. 17.
Barrel making machine. W. B. Foreman. 2,061,355; Nov. 17.
Basket, Basketball. J. M. Guthrie. 2,061,152; Nov. 17.
Bearing; *See*—
  Antifriction bearing. Axle bearing.
Bearing flux, Metal. S. R. Oldham. 2,060,948; Nov. 17.
Beer pump. O. J. Lelns. 2,061,240; Nov. 17.
Beet topping device. C. B. Daniels and E. J. Graham. 2,061,395; Nov. 17.
Bellows, Method and apparatus for rolling. R. E. Brown. 2,061,501; Nov. 17.
Belt for machine guns and the like, Cartridge. J. A. Hendley. 2,061,072; Nov. 17.
Bicycles, Propulsion mechanism for. L. J. Duvall. 2,061,225; Nov. 17.
Bilge block jack. C. E. Mitchell. 2,061,038; Nov. 17.
Binder, Wall canvassing. J. G. Brewer. 2,060,924; Nov. 17.
Bit bearing structure, Roller. R. R. Crum. 2,061,141; Nov. 17.
Blade segments, Apparatus for measuring the moments of. B. D. Smith. 2,060,904; Nov. 17.
Bleacher, Portable. P. W. Hussey. 2,061,465; Nov. 17.
Blind, Venetian. G. F. Brent and J. M. Guthrie. 2,061,373; Nov. 17.
Block; *See*—
  Hoisting block.
Blood transfusion machine. L. Gross. 2,061,399; Nov. 17.
Board; *See*—
  Peg board.
Boiler; *See*—
  Steam boiler.
Boiler cleaner. C. S. Turner. 2,060,910; Nov. 17.
Book, Manifolding. E. G. Nixon. 2,061,168; Nov. 17.
Bookkeeping machine. O. J. Sundstrand. 2,060,954; Nov. 17.
Bottle. A. G. Bush. 2,061,095; Nov. 17.
Bottle and seal therefor. E. H. Fabrice. 2,061,067; Nov. 17.
Bottle holder, Drawing ink. E. E. Shattow. 2,061,108; Nov. 17.
Bottle, Inkwell. G. R. Weisz. 2,061,262; Nov. 17.
Bottle, Nursing. E. N. Perry. 2,061,477; Nov. 17.
Bottle opening tool. S. G. Forman, Sr. and S. G. Forman, Jr. 2,061,459; Nov. 17.
Bowl and footrest, Foot treating. A. Denocenzo. 2,061,142; Nov. 17.
Box; *See*—
  Nesting box.
Box lid holding device. F. P. Tropea. 2,061,413; Nov. 17.
Bracelet. A. Philippe. 2,061,479; Nov. 17.
Brake; *See*—
  Automobile brake. Vehicle safety brake.
  Fluid brake.
Brake. E. G. Carroll. 2,060,854; Nov. 17.
Brake. L. E. La Brie. 2,060,874–9; Nov. 17.
Brake. M. W. McConkey. 2,060,885–6; Nov. 17.
Brake. H. F. Parker and B. E. House. 2,060,891; Nov. 17.
Brake. C. H. Taylor. 2,060,909; Nov. 17.
Brake. F. L. O. Wadsworth. 2,060,912; Nov. 17.
Brake. C. L. White. 2,060,917; Nov. 17.
Brake-applying means. L. E. La Brie. 2,060,873; Nov. 17.
Brake construction for hoists. F. P. Porter. 2,061,209; Nov. 17.
Brake mechanism, Motor vehicle. A. H. Lloyd. 2,061,081; Nov. 17.
Brassière. J. V. Hollar. 2,061,402; Nov. 17.
Brassière, M. Martin. 2,060,998; Nov. 17.
Brick, or like commodities, Loading, transporting, and unloading. G. C. Woodruff. 2,061,495; Nov. 17.
Brief case and similar article. J. Roth. 2,061,091; Nov. 17.
Broach. A. L. Nilsson. 2,060,889; Nov. 17.
Brush and making same. A. A. Angell. 2,061,129; Nov. 17.
Building construction. J. J. Lawlor. 2,061,281; Nov. 17.
Building construction. C. H. Schuh. 2,061,486; Nov. 17.
Building, Sectional. C. L. Pettit. 2,060,892; Nov. 17.
Bushings to containers, Securing. W. E. Coakley. 2,061,269; Nov. 17.
Button. J. F. Cox. 2,061,506; Nov. 17.
Button-attaching device, Adjustable. M. D. Nadler 2,061,385; Nov. 17.
Button fastening device. P. Friedrich. 2,061,421; Nov. 17.
Button, Horn. W. K. Creson. 2,061,222; Nov. 17.
Cabinet. M. F. Sticht. 2,061,010; Nov. 17.
Cable fitting for field use and making same. E. C. Hedler. 2,060,864; Nov. 17.
Calcium hypochlorite bleach liquor suitable for bleaching of paper pulp, Production of. J. D. Rue. 2,061,332; Nov. 17.
Calendar or the like, Memorandum. H. H. Tolman. 2,061,492; Nov. 17.
Camera. L. Goldhammer. 2,060,933; Nov. 17.
Camera, Motion picture. A. W. Tondreau. 2,061,178; Nov. 17.
Can dumping machine, Milk. H. M. Price. 2,061,085; Nov. 17.
Cap, Bottle. W. C. Sentman. 2,061,214; Nov. 17.
Cap, Conduit. R. G. Whitlock and L. Sharp. 2,060,840; Nov. 17.
Cap, Eyelid. W. G. Bauer. 2,061,183; Nov. 17.
Cap for bottles, etc., Closing. P. Heymans. 2,061,305; Nov. 17.
Capping mechanism. S. F. Anderson. 2,060,967; Nov. 17.

Car construction. G. G. Gilpin. 2,061,318; Nov. 17.
Car coupler support. G. G. Gilpin. 2,061,319; Nov. 17.
Carburetor. W. H. Weber. 2,061,494; Nov. 17.
Card display sign, Advertising. E. Fish. 2,060,982; Nov. 17.
Card table. J. de St. Mart. 2,061,143; Nov. 17.
Cart. J. H. Mosel. 2,061,327; Nov. 17.
Carton, Collapsible. D. E. Wright. 2,061,496; Nov. 17.
Carton, Egg. W. J. De Reamer. 2,061,064; Nov. 17.
Casing: *See*—
File casing.
Casket, Burial. W. J. Goubin. 2,061,461; Nov. 17.
Catamenial receptacle. J. R. Manegold. 2,061,384; Nov. 17.
Cement, Manufacture of. P. Colfin. 2,061,140; Nov. 17.
Cementing machine. E. A. Willey and E. F. Casey. 2,061,053; Nov. 17.
Centrifuge. C. W. Stratford and A. E. Drissner.
Centrifuge. C. W. Stratford. 2,060,835; Nov. 17.
Chain: *See*—
Tire chain. Vehicle tread chain.
Chain construction. F. E. Cunningham and D. Fergusson. 2,061,223; Nov. 17.
Chain stitch mechanism, Vibrating needle. F. L. Jennings. 2,061,236; Nov. 17.
Chair seat. G. D. Wood. 2,061,054; Nov. 17.
Checkrow transplanting machine. J. Powell. 2,061,210; Nov. 17.
Chemical compounds. W. S. Calcott and R. G. Clarkson. 2,060,851; Nov. 17.
Chipper, Ice cube. L. I. Yeomans. 2,061,265; Nov. 17.
Chuck construction. H. H. Knott. 2,061,321; Nov. 17.
Circuit arrangement for electrical time control. A. W. Vingerhoets. 2,061,011; Nov. 17.
Circuit interrupter. P. Duffing. 2,061,301; Nov. 17.
Circuits, Control. V. E. Rosene. 2,060,898; Nov. 17.
Clamp. J. J. Taylor. 2,061,371; Nov. 17.
Clamp. A. K. Watcher. 2,061,217; Nov. 17.
Clamping device. J. and J. Prendergast. 2,061,369; Nov. 17.
Clamping device for duplicators, Master. F. W. Storck. 2,061,525; Nov. 17.
Cleaner: *See*—
Boiler cleaner. Vacuum cleaner.
Clip: *See*—
Paper clip.
Clip for garment hangers. E. Cohen. 2,061,023; Nov. 17.
Clip member. C. L. Hall. 2,061,403; Nov. 17.
Closure applying mechanism. A. W. Lindholm and A. C. Everett. 2,061,241; Nov. 17.
Closure, Collapsible tube. G. J. Walther. 2,061,124; Nov. 17.
Closure for dry cells. P. Drummond. 2,060,799; Nov. 17.
Clothes drier. F. Bode. 2,061,499; Nov. 17.
Clothes hanger. M. K. Farley. 2,061,303; Nov. 17.
Clutch: *See*—
Overrunning clutch.
Clutch. J. W. Tatter. 2,061,093; Nov. 17.
Clutch control. S. F. Hunt. 2,060,870; Nov. 17.
Clutch control. G. E. Parker. 2,061,006; Nov. 17.
Clutch mechanism. R. M. Nardone. 2,061,167; Nov. 17.
Clutch mechanism, Synchronizing. R. Beringer. 2,060,971; Nov. 16.
Clutch transmission mechanism, Selectively controlled torque actuated. H. J. Murray. 2,061,288; Nov. 17.
Coated fabric. A. M. Alvarado, R. B. Flint and L. P. Hubbuch. 2,061,127; Nov. 17.
Coating process. J. P. Ward. 2,061,338; Nov. 17.
Coffee filter. O. Voigt. 2,061,119; Nov. 17.
Coil, Multifeed. G. M. Kleucker. 2,060,995; Nov. 17.
Coils, Making edgewise wound resistance. J. F. Frese. 2,061,516; Nov. 17.
Color change, Mechanism for measuring. C. E. Tarvin and W. G. Dodge. 2,060,957; Nov. 17.
Commodities, Process and apparatus for conditioning. F. J. Reilly. 2,061,329; Nov. 17.
Communication in direct current machines, Arrangement for improving the. H. Grob. 2,060,935; Nov. 17.
Communication with moving trains. L. Espenschied and N. Monk. 2,061,027; Nov. 17.
Commutator truing mechanisms. W. S. Green. 2,061,398; Nov. 17.
Compositions of matter and petroleum products and making same. O. M. Reiff. 2,061,008; Nov. 17.
Computing machine. L. E. Lentz. 2,061,362; Nov. 17.
Concrete pumping machine. E. S. Karstens. 2,061,425; Conductor, Assymetrical. G. O. Smith. 2,060,905; Nov. 17.
Conductor, Asymmetrical. G. O. Smith. 2,060,905; Nov. 17.
Connecter: *See*—
Electric plug connecter.
Electric terminal connecter.
Container vent. P. Hetenyi. 2,060,866; Nov. 17.
Containers, Apparatus for reshaping used sheet metal. C. D. Lennon. 2,061,034; Nov. 17.
Control apparatus for vehicles of the Diesel-electric type. O. Simmen. 2,060,900; Nov. 17.
Control means. O. F. Carlson. 2,061,270; Nov. 17.
Control means. D. D. Wile. 2,061,530; Nov. 17.
Control system for electron emission. T. W. Sukumlyn. 2,061,113; Nov. 17.
Control unit for linecasting and composing machines. R. A. Thienemann. 2,060,838; Nov. 17.
Conveyer. N. W. Elmer. 2,061,228; Nov. 17.
Cooker. R. M. Jackson. 2,060,992; Nov. 17.
Cooling means for air cooled internal combustion engines. E. A. Ryder. 2,061,171; Nov. 17.
Copper brazing, Process of. R. Terry. 2,060,959; Nov. 17.
Copper from wash solutions, Recovering. S. Gulbrandsen 2,061,194; Nov. 17.
Corona and insulation heating at the ends of slots, Diminishing. J. F. Calvert. 2,061,502–3; Nov. 17
Coupling: *See*—
Trailer coupling.
Cover: *See*—
Inspection cover.
Crankcase ventilating system. W. W. Lowther. 2,060,883; Nov. 17.
Cup or dish. J. E. Annen. 2,060,781; Nov. 17.
Cutlery, Making. W. Prost. 2,061,482; Nov. 17.
Cutter: *See*—
Pipe cutter.
Cutting tool. W. M. Thompson. 2,061,491; Nov. 17.
Cyanuryl derivatives of dithiocarbamic acids. L. Orthner and M. Bögemann. 2,061,520; Nov. 17.
Cylinder, Compensating master. H. C. Bowen. 2,060,846; Nov. 17.
Dashpot control device. C. R. Post. 2,061,170; Nov. 17.
Demonstration device. J. A. Hopkins. 2,060,869; Nov. 17.
Dentures, Apparatus for use in the formation of artificial. L. N. Roebuck. 2,061,484; Nov. 17.
Design of keyboards or fields of sounding bodies. H. Luedtke. 2,061,364; Nov. 17.
Desk and chair, Combination school. J. E. McCall. 2,061,163; Nov. 17.
Device for molding the breasts in the contours and form desired. N. Becker. 2,061,268; Nov. 17.
Dial for time switches, Astronomical. F. C. Holtz. 2,060,991; Nov. 17.
Dial, Luminous. R. G. Fordyce. 2,061,097; Nov. 17.
Dial, Repertory. I. W. Green. 2,061,273; Nov. 17.
Die. K. Janiszewski. 2,061,403; Nov. 17.
Digger, Convertible post hole. R. T. Watson. 2,061,218; Nov. 17.
Dimming device. H. J. Schwabe. 2,061,172; Nov. 17.
Direction indicator. L. Hellmer. 2,061,401; Nov. 17.
Discharge apparatus, Electric. W. Dällenbach. 2,061,507; Nov. 17.
Discharge device, Electric. G. H. Rockwood, Jr. 2,061,254–5; Nov. 17.
Discharging machine, Automatic. J. A. Hunter and H. K. Ihrig. 2,061,358; Nov. 17.
Dispenser: *See*—
Measuring dispenser.
Dispenser. A. Turak. 2,061,052; Nov. 17.
Dispensing apparatus. W. W. Hudson. 2,061,379; Nov. 17.
Display device. C. Christensen. 2,061,393; Nov. 17.
Display device and making the same. W. G. Stephenson. 2,061,294; Nov. 17.
Distillation and liquation furnace, Combination. M. F. Perkins. 2,061,250; Nov. 17.
Doorless head lamp. C. A. Michel. 2,060,999; Nov. 17.
Door, Sectional garage. M. P. Graham. 2,061,304; Nov. 17.
Door-window construction, Cutaway. O. F. Graebner. 2,060,862; Nov. 17.
Dredge swinger, Hydraulic. F. Schaefer. 2,061,440; Nov. 17.
Dress display rack. H. G. Humphrey. 2,061,156; Nov. 17.
Drier: *See*—
Clothes drier.
Dry cell. N. C. Cahoon. 2,060,796; Nov. 17.
Dry cell. R. R. Smith. 2,060,832; Nov. 17.
Drying, Method of and apparatus for. H. Suhr. 2,061,259; Nov. 17.
Drill hole deflector. J. D. Brack and H. F. Whiton. 2,061,316; Nov. 17.
Drilling device, Direction changing. J. D. Brack. 2,061,317; Nov. 17.
Drilling machine. E. G. Lewis. 2,060,814; Nov. 17.
Drive for reciprocating elements, Motive fluid. C. B. Cottrell, 3d. 2,061,394; Nov. 17.
Drum, Unitensioned. C. M. Au-Miller. 2,061,244; Nov. 17.
Dyestuffs and fiber dyed therewith, Water-insoluble azo. K. Zahn, K. Schimmelschmidt, and H. Koch. 2,061,126; Nov. 17.
Dyestuffs, Azo. H. Roos. 2,061,104; Nov. 17.
Educational device. J. P. Buckley. 2,060,974; Nov. 17.
Egg treatment process and product. F. Y. Chuck. 2,060,926; Nov. 17.
Electric appliance. L. P. Young. 2,060,918; Nov. 17.
Electric fixture. F. J. Hines. 2,060,990; Nov. 17.
Electric furnace. A. E. Rhoads. 2,061,090; Nov. 17.
Electric heating device and making same. B. O. and H. L. Beck, and C. H. Gunthorp. 2,060,968; Nov. 17.
Electric plug connecter. E. O. Ericson. 2,061,190; Nov. 17.
Electric relay. H. L. Coe. 2,061,347; Nov. 17.
Electric switch, Thermostatically controlled. J. F. S. Briggs. 2,061,346; Nov. 17.
Electric terminal connecter. E. Robinson. 2,061,291; Nov 17.

Electric time switch. R. L. Loudon and H. H. Geyer. 2,061,312; Nov. 17.
Electric treating system for emulsions. L. C. Waterman. 2,060,839; Nov. 17.
Electrical apparatus. T. J. Smulski. 2,061,048; Nov. 17.
Electrical conductor. L. L. Weaver. 2,060,913; Nov. 17.
Electrical conductor. L. L. Weaver and C. A. Webber. 2,060,914; Nov. 17.
Electrical contactor. J. C. Tamsitt. 2,061,391; Nov. 17.
Electrical control system. E. J. Dillman. 2,061,536; Nov. 17.
Electrical distribution system. H. J. L. Frank, W. A. Harper, and J. A. Messing. 2,061,515; Nov. 17.
Electrical precipitation, Apparatus for. H. B. Rüder and H. Fiesel. 2,061,045; Nov. 17.
Electron discharge tube. D. Prinz. 2,061,387; Nov. 17.
Electron streams, Control of. H. C. Ressler and M. P. Wilder. 2,060,825; Nov. 17.
Embalming apparatus. O. F. and G. J. Brosh. 2,060,925; Nov. 17.
Emulsions, Bituminous. L. Kirschbraun. 2,061,076; Nov. 17.
Emulsions, Method and apparatus for treating. C. F. Kiech. 2,061,197; Nov. 17.
Engine: *See*—
Internal combustion engine. Rotary engine.
Two-cycle engine.
Rotary combustion engine.
Engine construction, Rotary. C. Bancroft. 2,061,131; Nov. 17.
Engine control apparatus. C. I. McNeil. 2,061,164; Nov. 17.
Envelopes, bags, or other containers, Manufacture of. A. Novick. 2,060,821; Nov. 17.
Envelopes, bags, or other containers, Manufacture of. A. Novick. 2,061,004; Nov. 17.
Esters of dihydronaphthalene-dicarboxylic acids and making the same. N. D. Scott. 2,060,829; Nov. 17.
Ethylene glycol, Producing. W. A. Lazier. 2,060,880; Nov. 17.
Excavator, loader, and conveyer, Combination. W. M. Hollerbach. 2,060,867; Nov. 17.
Exercising device. C. A. Johnson. 2,060,938; Nov. 17.
Expansible mold. E. E. W. Bowen. 2,061,137; Nov. 17.
Extruding machine. V. E. Royle. 2,061,407; Nov. 17.
Eyeglasses, Folding oxford. V. Tanasso and J. J. Pomeranz. 2,061,411; Nov. 17.
Eyepiece for gas masks. T. A. O'Leary. 2,060,823; Nov. 17.
Fabric: *See*—
Coated fabric. Knitted fabric.
Fabrics, Apparatus for impregnating nonwoven. E. C. Richardson and M. J. Vittengl. 2,060,897; Nov. 17.
Fastener: *See*—
Separable fastener.
Fastener secured installations and fasteners for the same. A. W. Kimbell. 2,061,467; Nov. 17.
Fastener structure, Slide operative. D. Silberman. 2,060,830; Nov. 17.
Fasteners from metallic ribbon, Producing. J. S. McChesney. 2,061,036; Nov. 17.
Fasteners, Making toothed. J. S. McChesney. 2,061,035; Nov. 17.
Fasteners, Producing flanged joint. J. S. McChesney. 2,061,037; Nov. 17.
Fat and making same, Cooking. H. S. Coith and V. M. Votaw. 2,061,122; Nov. 17.
Feeder: *See*—
Sheet feeder.
Feeding attachment for clothes wringers. C. Elser. 2,061,096; Nov. 17.
Feeding, severing, and moistening device. F. W. Storck. 2,061,524; Nov. 17.
Ferrule applying tool. L. W. G. Flynt. 2,060,860; Nov. 17.
Fertilizer and effecting distribution thereof. V. W. Brewer. 2,061,500; Nov. 17.
Fertilizer in granular form. O. Balz, A. Leber, and H. Dickmann. 2,061,534; Nov. 17.
Fibrous materials, Simultaneously seasoning and treating water-swollen. A. J. Stamm. 2,060,902; Nov. 17.
File casing, Reenforced collapsible. S. Scheinman. 2,061,485; Nov. 17.
Fillers, Apparatus for conditioning shoe bottom. C. F. Eaton. 2,061,226; Nov. 17.
Film magazine. H. G. Tasker. 2,061,177; Nov. 17.
Film roll. A. Tanzen. 2,060,956; Nov. 17.
Films, Arrangement for the copying by projection of lenticulated. K. Räntsch. 2,061,088; Nov. 17.
Filter: *See*—
Coffee filter. Rotary drum filter.
Filter. W. Raisch. 2,060,896; Nov. 17.
Filter leaf. H. W. Denhard. 2,061,351; Nov. 17.
Filtermasse washer. J. A. Rheinstrom. 2,061,089; Nov. 17.
Flag holder. J. W. Lane. 2,061,361; Nov. 17.
Flare. S. Wiley. 2,060,841; Nov. 17.
Flashlight apparatus. P. Olds. 2,061,248; Nov. 17.
Floor waxing device. H. C. Thompson. 2,061,216; Nov. 17.
Flotation. M. W. MacAfee. 2,060,815; Nov. 17.
Flotation. M. W. MacAfee. 2,061,201; Nov. 17.
Fluid brake. W. Fillinger. 2,061,147; Nov. 17.
Fluorine containing vat dyes. J. E. Cole. 2,061,186; Nov. 17.
Fluoro-phenyl-thioureas and preparing same, Unsymmetrical. H. A. Lubs and A. L. Fox. 2,061,243; Nov. 17.
Flushing valve. J. J. Goodrie. 2,061,423; Nov. 17.
Flushing valve. T. F. Payne. 2,061,084; Nov. 17.
Foldable bleacher seat. P. E. Horn. 2,061,235; Nov. 17.
Food handling apparatus. H. L. Johnston. 2,060,807; Nov. 17.
Food materials, Treatment of. W. W. Cowgill. 2,061,188; Nov. 17.
Food product. C. B. Camp. 2,061,184; Nov. 17.
Forehearth structure. W. A. Morton. 2,061,367; Nov. 17.
Former for making cellulose structures as honeycomb and the like. J. E. Walker. 2,061,295; Nov. 17.
Frequency meter. W. E. Stitz. 2,060,834; Nov. 17.
Fuel supply apparatus for oil burners. W. T. Bradbury. 2,061,138; Nov. 17.
Funnel for use in spinning rayon and other synthetic threads. G. J. Wider. 2,060,964; Nov. 17.
Furnace: *See*—
Distillation and liquation furnace. Warm air furnace.
Water cooled furnace.
Electric furnace.
Furnace for electrolytic purposes. L. Ferrand. 2,061,146; Nov. 17.
Fuse plug. F. J. McHugh. 2,060,819; Nov. 17.
Galvanic cell. P. A. Marsal. 2,060,818; Nov. 17.
Game apparatus. A. Bissiri and F. G. Carling. 2,061,135; Nov. 17.
Game apparatus. T. E. Brown, Jr., and S. Hardesty. 2,060,973; Nov. 17.
Game apparatus. B. V. Chambers. 2,060,797; Nov. 17.
Game apparatus. W. A. Tratsch and B. C. Grunig. 2,060,960; Nov. 17.
Game device. E. H. Craig. 2,061,221; Nov. 17.
Game device. R. B. Stewart. 2,061,112; Nov. 17.
Game trap. C. M. Ward. 2,061,123; Nov. 17.
Garment hanger. L. A. Young. 2,061,266; Nov. 17.
Garment support. H. Klein. 2,061,238; Nov. 17.
Gas mixer. F. X. Bonem and R. W. Bonam. 2,060,972; Nov. 17.
Gaseous conduction device. D. S. Stevens. 2,061,390; Nov. 17.
Gasket, Packing. H. T. Wheeler. 2,061,392; Nov. 17.
Gate: *See*—
Sluice gate.
Gauge. A. Cristiani. 2,060,927; Nov. 17.
Gears, Treating. H. W. Falk. 2,060,803; Nov. 17.
Gelatin reliefs for printing, Manufacture of. W. Frankenburger and G. Rössler. 2,061,230; Nov. 17.
Generator for use with internal combustion engines. C. E. Morley. 2,061,002; Nov. 17.
Getter assembly. J. Glaus. 2,060,861; Nov. 17.
Golf club. A. A. Kraeuter. 2,060,872; Nov. 17.
Golf tee. D. J. Horvath. 2,061,308; Nov. 17.
Granular material. E. H. Nichols. 2,061,246; Nov. 17.
Grease retainer, Housed armored. W. A. Heinzc. 2,061,153; Nov. 17.
Grinder, Meat. J. H. Osborne. 2,061,005; Nov. 17.
Grinding machine. G. W. Binns and C. Booth. 2,060,785; Nov. 17.
Guide, Antifriction displacer. C. H. Larson. 2,060,811; Nov. 17.
Gun and attachment therefor, Machine. F. T. Moore. 2,061,313; Nov. 17.
Gun sight. H. F. Mossberg. 2,061,040; Nov. 17.
Gun, Spray. R. L. Potter. 2,060,894; Nov. 17.
Guy wire protector. A. A. Hocher and R. H. Manson. 2,061,306; Nov. 17.
Hair waver. D. Gosewisch. 2,061,356; Nov. 17.
Hair waving apparatus. P. Santurello. 2,061,212; Nov. 17.
Hair waving apparatus, Electric. E. de los Santos. 2,060,920; Nov. 17.
Hammer, Power. E. R. Boddinghouse. 2,061,345; Nov. 17.
Handbag, Lady's. B. Stember. 2,061,293; Nov. 17.
Handle mounting for kitchenware. W. E. Spindler. 2,061,409; Nov. 17.
Hanger: *See*—
Clothes hanger. Spring hanger.
Garment hanger.
Hanger for automobiles, Hat and coat. M. Meyer. 2,060,820; Nov. 17.
Harvester, Cornstalk. A. Emery. 2,061,353; Nov. 17.
Hatch construction. J. L. Taylor. 2,061,337; Nov. 17.
Heat exchange apparatus. C. H. Leach. 2,061,429; Nov. 17.
Heat exchange apparatus. J. A. Potter and J. P. Rathbun. 2, 061,007; Nov. 17.
Heat exchange means. J. Haag, Jr. 2,060,936; Nov. 17.
Heat resisting article. W. Rohn. 2,061,370; Nov. 17.
Heater: *See*—
Water heater.
Heater. J. P. Burke. 2,060,795; Nov. 17.
Heating system. T. N. Adlam. 2,060,844; Nov. 17.
High potential indicator. G. B. Tebo and J. C. Burkholder. 2,061,115; Nov. 17.
Hinge for toilet seats and covers. V. W. Campbell. 2,060,852; Nov. 17.
Hoist, Traveling. W. H. Ringe. 2,061,044; Nov. 17.

Hoisting block. M. Niemi. 2,061,083; Nov. 17.
Holder: *See*—
Bottle holder. Telephone stand holder.
Flag holder. Violin holder.
Holder for newspapers or the like. F. F. Murray. 2,061,434; Nov. 17.
Holding down device for ice cans. G. M. Kleucker. 2,061,381; Nov. 17.
Hook: *See*—
Baguette hook.
Hosiery drying apparatus. T. W. Prosser and J. H. Wahlbeck. 2,060,895; Nov. 17.
Housings, Making sheet metal. R. Polivka and R. C. Wendell. 2,060,893; Nov. 17.
Humidity apparatus. U. O. Hutton. 2,061,424; Nov. 17.
Hydrocarbons and preparing them, Sulphurized unsaturated aliphatic. A. S. Carter and F. B. Downing. 2,061,019; Nov. 17.
Hydrocarbons, Manufacture of. V. Ipatieff. 2,060,871; Nov. 17.
Hydrogen polysulphide addition products of unsaturated aliphatic hydrocarbons and producing them. W. H. Carothers. 2,061,018; Nov. 17.
Hydroxide, Apparatus for purification of caustic. B. W. Collins. 2,061,505; Nov. 17.
Ice cream cone. F. W. Turnbull. 2,061,260; Nov. 17.
Ice cream making attachment for mechanical refrigerators. R. D. Lacoe. 2,061,077; Nov. 17.
Identification means for spools and bobbins. G. B. Markle, Jr. 2,,061,365; Nov. 17.
Ignition cutout apparatus for gas engines, Automatic. R. D. Lacoe. 2,061,079; Nov. 17.
Ignition cut-out for gas engines, Automatic. R. D. Lacoe. 2,061,078; Nov. 17.
Illusion apparatus and method. O. C. W. Henze and R. V. Tremain. 2,061,378; Nov. 17.
Image broadcasting system. W. G. H. Finch. 2,061,457; Nov. 17.
Impregnated article. W. W. De Laney. 2,061,509; Nov. 17.
Indicator: *See*—
Direction indicator. High potential indicator.
Indigoid compounds containing fluorine. H. A. Lubs and A. L. Fox. 2,061,200; Nov. 17.
Inking mechanism for printing presses. R. Miehle. 2,061,325; Nov. 17.
Inlet for paper making machines, Hydraulic. W. R. Kellett and H. M. Ostertag. 2,060,808; Nov. 17.
Inner tube. W. E. Shively. 2,061,522; Nov. 17.
Insect exterminating device. W. F. Folmer and H. L. Chapin. 2,061,458; Nov. 17.
Inspection cover. J. F. Duffy. 2,061,145; Nov. 17.
Insulating electrical coil winding. T. Schou. 2,061,388; Nov. 17.
Insulation, Electrical. E. W. Trolander and W. C. Wilson. 2,061,528; Nov. 17.
Insulator. E. D. Treanor and H. M. Acly. 2,061,412; Nov. 17.
Internal combustion engine. W. C. Dehn and M. H. Rix. 2,061,396; Nov. 17.
Internal combustion engine. J. A. Dienner. 2,060,979; Nov. 17.
Ionic content of air, Controlling. C. P. Yaglou. 2,060,842; Nov. 17.
Ironing machine. J. T. Hume. 2,061,275; Nov. 17.
Irradiating apparatus. R. O. Henszey. 2,060,865; Nov. 17.
Jack: *See*—
Bilge block jack.
Jacking attachment. M. Dwork. 2,061,025–6; Nov. 17.
Jar holding device. C. Holtz. 2,061,074; Nov. 17.
Jet pump. T. H. Huff. 2,061,032; Nov. 17.
Joint: *See*—
Rail joint.
Joint assembly. F. J. Kohut. 2,061,198; Nov. 17.
Joint for wire fabric. F. Crossman. 2,061,454; Nov. 17.
Key controlled apparatus. H. G. Johnstone. 2,061,277; Nov. 17.
Keying. C. W. Hansell. 2,060,988; Nov. 17.
Knife manufacture. M. Ewald. 2,060,802; Nov. 17.
Knitted fabric. E. C. Lochhead. 2,060,882; Nov. 17.
Knitting machine. H. McAdams. 2,061,473; Nov. 17.
Krypton and xenon, Obtaining. H. Kahle. 2,060,940; Nov. 17.
Labeling machine. O. G. Brautigam. 2,060,788; Nov. 17.
Laminating, coating and the like. E. H. Merritt. 2,061,203; Nov. 17.
Lamp: *See*—
Doorless head lamp. Wall bracket lamp.
Latch for bulkhead doors. C. Santore. 2,060,903; Nov. 17.
Leather apparatus for firming and finishing. E. Wilson. 2,061,446; Nov. 17.
Lever, Toilet tank. E. H. Kleiser, Jr. 2,061,310; Nov. 17.
Lifesaving device, Ship's. H. Barlow and T. Birkland. 2,060,792; Nov. 17.
Light changer, Automatic. F. E. Garbutt, T. Ingman, and H. G. Cunningham. 2,061,069; Nov. 17.
Lighter, Cigar. P. E. Ashton. 2,060,783; Nov. 17.
Liquid control. V. W. Moody. 2,061,204; Nov. 17.
Liquid purifier. C. H. Bichler and G. Eyssartier. 2,061,343; Nov. 17.
Liquids, Apparatus for dispensing highly volatile. H. N. Wade. 2,061,013–14; Nov. 17.
Liquids, Apparatus for sterilizing aqueous. G. H. Meinzer. 2,061,323; Nov. 17.
Lister. W. F. Cogdill. 2,061,348; Nov. 17.
Lock: *See*—
Adjustable tumbler lock. Sash lock.
Removable plug lock.
Lock. H. J. Federholzner. 2,061,354; Nov. 17.
Loom. R. W. and F. P. Zirm. 2,061,339; Nov. 17.
Louver construction. E. A. Mader. 2,061,162; Nov. 17.
Lubricating apparatus. E. W. Davis and L. A. Williams, Jr. 2,061,062; Nov. 17.
Lubricating apparatus. W. G. Nord. 2,061,086; Nov. 17.
Lubricating pump. W. J. Gee. 2,061,422; Nov. 17.
Lubrication. W. B. D. Penniman. 2,061,328; Nov. 17.
Machine and method for forming watch crystals. A. Small. 2,061,173; Nov. 17.
Machine for and method of filling boxes. A. R. Thompson and J. M. Hait. 2,061,490; Nov. 17.
Machine for conditioning shoe bottom fillers. C. F. Eaton. 2,061,455; Nov. 17.
Machine for extruding plastic materials. F. A. Parkhurst. 2,061,042; Nov. 17.
Machine for making and applying staples. V. H. Ellacott. 2,060,930; Nov. 17.
Machine for reclaiming yarn from knitted fabric. G. Gastrich. 2,061,232; Nov. 17.
Machine tool. J. E. Lovely. 2,061,311; Nov. 17.
Magneto, O. C. Linthwaite. 2,060,881; Nov. 17.
Magneto. E. B. Nowosielski. 2,061,245; Nov. 17.
Mask construction, Gas. T. A. O'Leary. 2,061,436; Nov. 17.
Masonry structures, Waterproofing. A. A. Johnson. 2,061,098; Nov. 17.
Material for making closure liners. F. M. Damiz. 2,060,928; Nov. 17.
Materials, Apparatus for the pneumatic separation of. F. Allard. 2,060,966; Nov. 17.
Materials, Apparatus for treating. W. L. Wettlaufer. 2,061,179; Nov. 17.
Materials, Uniting. J. E. Snyder. 2,060,906; Nov. 17.
Measuring device, Electrical. W. J. Bullard. 2,060,849; Nov. 17.
Measuring dispenser. G. C. Conn. 2,061,061; Nov. 17.
Mechanism, E. A. Massa, Jr. 2,061,322; Nov. 17.
Mercury switch. C. E. Gehrand and C. H. Larson. 2,060,812; Nov. 17.
Mercury switch. C. H. Larson. 2,060,810; Nov. 17.
Mercury tube switch. C. H. Larson. 2,060,813; Nov. 17.
Metal articles, Reconditioning. L. S. Wilbur. 2,061,264; Nov. 17.
Metal, Nonferrous. H. C. Anstey and W. E. Aikins. 2,060,919–20; Nov. 17.
Metals, Separating. M. F. Perkins. 2,061,251; Nov. 17.
Meter: *See*—
Air velocity meter. Frequency meter.
Methanol and other carbon compounds and catalytic agents for use therein, Production of. A. T. Larson. 2,061,470; Nov. 17.
Mill screwdown protection, Rolling. S. S. Roberts. 2,061,331; Nov. 17.
Mixer: *See*—
Gas mixer.
Moistening and feeding device for duplicators. F. W. Storck. 2,061,526; Nov. 17.
Moistureproof material and making same. W. H. Charch. 2,061,374; Nov. 17.
Mold: *See*—
Expansible mold.
Molding for automobile roofs and securing same. O. J. Crowe. 2,060,976; Nov. 17.
Molding machine. J. J. Lawlor. 2,061,280; Nov. 17.
Mole trap. J. D. Morrow. 2,060,947; Nov. 17.
Monogram unit. J. H. Kraemer. 2,061,428; Nov. 17.
Motor: *See*—
Speed governed motor. Two-cycle motor.
Motor control, Electric. R. G. Lockett. 2,060,997; Nov. 17.
Motor for sandpapering machines or the like, Fluid operated. V. Lobasso. 2,061,082; Nov. 17.
Mounting, Cutter. G. G. Harrington. 2,060,989; Nov. 17.
Mounting, Engine. J. A. Bent. 2,060,784; Nov. 17.
Mounting for guy wire protectors. A. A. Hocher and R. H. Manson. 2,061,307; Nov. 17.
Mounting for motors and the like. G. H. Leland. 2,061,080; Nov. 17.
Mounting, Ophthalmic. R. J. Hauser. 2,061,400; Nov. 17.
Mounting, Printing plate. W. F. Brügmann. 2,061,058; Nov. 17.
Mower, Lawn. C. E. Nelson. 2,061,003; Nov. 17.
Needle, Knitting. E. J. Leboff and H. N. Levowich. 2,061,282; Nov. 17.
Nesting box. N. Tufts and E. T. Johnson. 2,061,414; Nov. 17.
N-dihydro-1:2:2′:1′-anthraquinone amines, Halogenating. F. W. Peck and R. J. Sobatzki. 2,061,249; Nov. 17.

N-ethyl, n-ethylol cresidine and producing same. A. W. Baldwin, R. W. Everatt, and A. H. Knight. 2,060,845; Nov. 17.
Nitriles, Preparing. A. W. Ralston, W. O. Pool, and J. Harwood. 2,061,314; Nov. 17.
N-Monoalkylated 5,5-disubstituted barbituric acids. L. Taub and W. Kropp. 2,061,114; Nov. 17.
Nonsanding pump. A. E. Carlson. 2,061,060; Nov. 17.
Nozzle. M. R. Lieb. 2,060,943; Nov. 17.
Oil, Dewaxing hydrocarbon. F. X. Govers. 2,061,541; Nov. 17.
Oil, Dewaxing of lubricating. F. X. Govers. 2,060,805; Nov. 17.
Oiler, Hand. S. O. Paull. 2,061,476; Nov. 17.
Opener, Can. B. Polák. 2,061,208; Nov. 17.
Organic substances employed in the manufacture of varnishes and the like, Melting and treating. W. Krumbhaar. 2,061,469; Nov. 17.
Oven, Gas-fired baking. G. Keith. 2,060,993; Nov. 17.
Overrunning clutch. F. W. Cotterman. 2,061,220; Nov. 17.
Package, Sample shipping. A. Cohen. 2,061,139; Nov. 17.
Packer and valve. J. T. Phipps. 2,061,289; Nov. 17.
Pad: *See*—
Swimming pad.
Pads, Making metallic. G. R. Schmidt. 2,061,046; Nov. 17.
Paper clip. J. M. Metzs. 2,061,474; Nov. 17.
Paper making machine. E. J. Mellentine. 2,060,945; Nov. 17.
Paper manufacture. H. R. Rafton. 2,060,824; Nov. 17.
Pectin, Treating. G. H. Joseph. 2,061,158; Nov. 17.
Peg board. D. R. Zenner and D. A. Nevin. 2,061,532; Nov. 17.
Pen, Fountain. A. E. Carlson. 2,061,059; Nov. 17.
Pen, Soluble ink fountain. R. B. Kingman and R. L. Hartwell. 2,061,405; Nov. 17.
Phenols, Manufacture of oil soluble. C. P. Wilson, Jr. 2,060,965; Nov. 17.
Phosphates, Treatment of raw. A. Foss, O. Jensen, and O. H. Lunde. 2,061,191; Nov. 17.
Photoelectric device. J. H. de Boer, C. Van Geel, and M. C. Teves. 2,060,977; Nov. 17.
Photographic enlarger. J. P. Gaty. 2,061,192; Nov. 17.
Photographic exposure material for color screen pictures, Production of a. M. Zeller. 2,061,182; Nov. 17.
Piano. L. Heitzmann. 2,061,154; Nov. 17.
Pick-up mechanism for multiple spindle screw machines. A. E. Drissner and R. Beacon. 2,061,417; Nov. 17.
Picture reproduction, Natural color. G. W. Walton. 2,061,016; Nov. 17.
Pigments, Making yellow. J. J. O'Brien. 2,061,368; Nov. 17.
Pin: *See*—
Self-locking pin.
Pipe attachment, Smoking. A. T. Anderson. 2,061,055; Nov. 17.
Pipe cutter. E. G. Summers. 2,061,442; Nov. 17.
Pipe welding machine, Automatic. W. F. Muehl. 2,061,287; Nov. 17.
Piston spinning pump. R. de Stoutz. 2,061,144; Nov. 17.
Pitter, Fruit. A. R. Thompson. 2,061,051; Nov. 17.
Plaster supporting device. W. Goss. 2,061,150; Nov. 17.
Plating and article produced thereby. E. M. Baker and L. C. Borchert. 2,061,056; Nov. 17.
Plow and extension sweep. C. P. Leggett. 2,061,472; Nov. 17.
Plug: *See*—
Fuse plug.
Plug and receptacle, Electrical. J. F. Navert, A. M. and A. E. Steinmetz, Jr. 2,060,887; Nov. 17.
Plugs, Forming knock-out. H. E. Haase. 2,060,863; Nov. 17.
Plunger pump. C. M. Peters. 2,061,252; Nov. 17.
Poacher, Egg. B. H. McCormick. 2,061,285; Nov. 17.
Polishing wheel. R. W. Springer. 2,060,952; Nov. 17.
Post to a top-lift, Attaching a. R. W. Chandler. 2,060,790; Nov. 17.
Power transmission mechanism. A. Madlé. 2,060,884; Nov. 17.
Printing surfaces on cylinders, Forming. O. R. Schultz. 2,060,828; Nov. 17.
Printing plates, Production of multicolor. R. Mackay. 2,060,816; Nov. 17.
Products derived from trichloroisobutane and producing them. R. E. Nelson and A. O. Rogers. 2,061,519; Nov. 17.
Projector and sound reproducer, Combined motion picture. R. C. McClay. 2,061,202; Nov. 17.
Protector: *See*—
Guy wire protector. Shoe protector.
Protector for pipe ends. H. R. Mazurie. 2,061,366; Nov. 17.
Pulley for centrifugals and the like, Water cooled. E. Roberts. 2,060,827; Nov. 17.
Pulley, Water cooled friction. E. Roberts. 2,060,826; Nov. 17.
Pulp and white water, Sterilization of. C. T. Henderson. 2,061,031; Nov. 17.
Pulping process. F. Olsen. 2,061,205; Nov. 17.
Pump: *See*—
Beer pump. Nonsanding pump.
Jet pump. Piston spinning pump.
Lubricating pump. Plunger pump.
Pump for corrosive liquids, Rotary. A. O. Russell. 2,060,899; Nov. 17.
Pump structure, Centrifugal. A. C. Saxe. 2,061,521; Nov. 17.
Quadding and centering device. R. H. Turner. 2,061,529; Nov. 17.
Quenching machine. J. Gogan. 2,061,070; Nov. 17.
Racemic compounds of the 1-hydroxyphenyl-2-aminopropan-1-ol series, Preparing. M. Bockmühl, G. Ehrhart, and L. Stein. 2,061,136; Nov. 17.
Rack: *See*—
Dress display rack.
Radiator core. O. C. Palmer. 2,061,100; Nov. 17.
Radio communication with very short waves. E. Gerhard. 2,060,934; Nov. 17.
Radio receiver, Time controlled. S. Christie. 2,061,504; Nov. 17.
Radio system. A. F. Blume. 2,061,416; Nov. 17.
Rail heating method. R. E. Frickey. 2,060,985; Nov. 17.
Rail joint. G. Langford. 2,060,996; Nov. 17.
Railroad signal. W. L. Coleman. 2,061,349; Nov. 17.
Razor blade reconditioning device. C. L. Willcox. 2,061,444; Nov. 17.
Razor, Safety. C. L. Willcox. 2,061,445; Nov. 17.
Reamer for oil, gas, and other wells, Rotary. E. Bigler. 2,061,057; Nov. 17.
Reaming and tapping tool, Combined. J. W. Pace. 2,060,949; Nov. 17.
Receptacle: *See*—
Catamenial receptacle. Shipping and storing receptacle.
Shipping and/or storing receptacle.
Recording instrument. R. E. Fraher, J. M. Butler, A. E. Hendricks, and C. E. L. Lipman. 2,060,984; Nov. 17.
Recuperator structure. P. L. Geer. 2,061,376; Nov. 17.
Reed making machine, Artificial. J. E. Millett. 2,061,286; Nov. 17.
Reel. S. Platt. 2,061,101; Nov. 17.
Reel. M. P. Sieger. 2,061,109; Nov. 17.
Reflector, Four-section. C. A. Michel. 2,061,001; Nov. 17.
Reflector or bulb shifting mechanism for head lamps. C. A. Michel and S. R. Conwell. 2,061,000; Nov. 17.
Refractory, High temperature. J. D. Morgan and R. E. Lowe. 2,061,099; Nov. 17.
Refrigerating apparatus. J. G. King. 2,061,426–7; Nov. 17.
Refrigerator. M. Hokanson. 2,061,155; Nov. 17.
Regulator. W. H. Vogt. 2,061,118; Nov. 17.
Regulator for heating apparatus. L. W. Eggleston. 2,061,537; Nov. 17.
Removable plug lock. M. Falk. 2,061,456; Nov. 17.
Reproducer for phonographs. L. D. Norton. 2,061,475; Nov. 17.
Resistance element. N. C. Schellenger. 2,061,106; Nov. 17.
Resistance elements, Making. N. C. Schellenger. 2,061,107; Nov. 17.
Resister, Age. A. M. Clifford. 2,061,451; Nov. 17.
Rocker, Baby. C. I. Sweet. 2,061,527; Nov. 17.
Rod gripping device. J. P. Ratigan. 2,061,102; Nov. 17.
Rods and blank therefor, Making tie. L. W. G. Flynt. 2,060,858; Nov. 17.
Roll and producing same, Processing. F. C. T. Daniels. 2,061,300; Nov. 17.
Roofing and making same, Roll. C. R. Eckert. 2,061,066; Nov. 17.
Rope. S. A. Reed. 2,061,483; Nov. 17.
Rotary combustion engine. W. R. Spellman. 2,061,049; Nov. 17.
Rotary drum filter. I. Sablik. 2,061,257; Nov. 17.
Rotary engine. J. N. Hinckley and S. H. Clark. 2,060,937; Nov. 17.
Rotor, Assembling a balanced. B. D. Smith. 2,060,901; Nov. 17.
Rotor for gyroscopes, Built-up. H. Walter. 2,061,261; Nov. 17.
Rubber, Treatment of. J. H. Ingmanson. 2,061,276; Nov. 17.
Safety device for electric heaters. H. A. Soverhill. 2,061,258; Nov. 17.
Safety stop for cutter chains. C. Horner. 2,061,195; Nov. 17.
Safety switch. P. Freysinger and F. L. Nesmith. 2,061,460; Nov. 17.
Salts from their mixtures with other salts, Separation of ammonium. L. Andrès. 2,061,128; Nov. 17.
Salvage apparatus, Submarine. E. J. Romano. 2,061,256; Nov. 17.
Sash lock. J. M. Tracy. 2,061,493; Nov. 17.
Saw, Grooving. G. J. Karle, Sr. 2,061,237; Nov. 17.
Scaffold, Pole. A. Strom. 2,060,953; Nov. 17.
Scale. H. Eschenbacher and P. Kircher. 2,061,271; Nov. 17.
Scale. P. J. Kircher. 2,061,278; Nov. 17.
Screen for optical projections. H. C. Mahoney. 2,060,817; Nov. 17.

Sealing closures, Device for removing. I. Newman. 2,060,888; Nov. 17.
Sealing means. H. C. Bowen. 2,060,847; Nov. 17.
Seam felling machine, Double lap. F. A. Kucera. 2,061,360; Nov. 17.
Seat: *See*—
Chair seat. Foldable bleacher seat.
Self-locking pin. A. J. Pepin. 2,061,478; Nov. 17.
Separable fastener. H. Wener. 2,061,125; Nov. 17.
Setter for snap fasteners. J. Gualtiere. 2,061,193; Nov. 17.
Sewing machine control mechanism. M. W. McCulloh. 2,061,431; Nov. 17.
Sewing machine with automatic thread cutter. M. W. McCulloh. 2,061,432; Nov. 17.
Sheet feeder. H. Ehrig and U. Keilhauer. 2,060,800; Nov. 17.
Sheet transfer mechanism for printing presses. A. T. Koppe. 2,061,033; Nov. 17.
Shelf, Glass tank feeding. F. G. Schwalbe. 2,061,213; Nov. 17.
Shelf unit for refrigerator doors. P. Crosley, Jr., and E. Austin. 2,061,453; Nov. 17.
Shield raising device for roller mill hoppers, Side. P. Hollstein. 2,060,868; Nov. 17.
Shipping and/or storing receptacle. W. Kline and W. A. Brubaker. 2,060,942; Nov. 17.
Shipping and storing receptacle. W. Kline and W. A. Brubaker. 2,060,941; Nov. 17.
Shirt. R. Yacovino. 2,061,181; Nov. 17.
Shock absorber. H. O. Fuchs. 2,061,068; Nov. 17.
Shoe. L. S. Macdonald and J. E. Small. 2,061,540; Nov. 17.
Shoe and making same. W. H. Wedger. 2,061,297; Nov. 17.
Shoe protector. E. T. Kendall. 2,061,160; Nov. 17.
Shoes, Manufacture of. W. H. Wedger. 2,061,296; Nov. 17.
Shoulder adjustment. S. K. Neidecker. 2,061,435; Nov. 17.
Sifter. T. G. Melish. 2,061,518; Nov. 17.
Sifting, straining, or filtering apparatus. R. Adams. 2,061,340; Nov. 17.
Sight for firearms, Adjustable peep. T. R. Arden. 2,061,017; Nov. 17.
Sign: *See*—
Card display sign.
Sign changing apparatus. H. C. Heath. 2,061,030; Nov. 17.
Signal: *See*—
Railroad signal.
Signal device for dispensing pumps. C. S. Hazard. 2,061,538; Nov. 17.
Signaling device for motor vehicles. H. O. Smith. 2,060,831; Nov. 17.
Signaling system. W. H. Edwards. 2,061,227; Nov. 17.
Silk, Improving the appearance of. W. T. Reddish. 2,061,211; Nov. 17.
Sinker head for knitting machines. J. K. Cobert. 2,061,299; Nov. 17.
Sintering machine. C. Skinner. 2,061,333; Nov. 17.
Skate, Self-propelled roller. C. Stone. 2,061,334; Nov. 17.
Slug-shooting attachment for machine guns. H. Aigner. 2,061,341; Nov. 17.
Sluice gate. E. B. Philips. 2,061,169; Nov. 17.
Soap preparation. W. Kling. 2,061,468; Nov. 17.
Socket, Slide fastener. G. Johnson. 2,061,466; Nov. 17.
Sole for boots and shoes. L. S. Macdonald and O. N. Johnson. 2,061,539; Nov. 17.
Solutions of bismuth salts of carboxylic acids in oils. F. Hampe and W. Persch. 2,061,320; Nov. 17.
Sound signaling. F. Von Voigtlander. 2,060,911; Nov. 17.
Spacer. C. G. Belden. 2,060,970; Nov. 17.
Spark catcher. O. Nordström. 2,061,247; Nov. 17.
Speed governed motor. R. D. Smith. 2,060,833; Nov. 17.
Spindle for twisting, spinning, and winding machines, or the like. C. H. Colvin. 2,061,187; Nov. 17.
Spindle machine, Multiple. F. L. Cone. 2,060,975; Nov. 17.
Spindles for lamp standards and the like and products thereof, Making. A. H. Bell. 2,061,132-3; Nov. 17.
Spindles for lamp standards and the like, and products thereof, Making. E. Schwarz. 2,061,134; Nov. 17.
Spinning ring and securing device therefor. G. West. 2,061,443; Nov. 17.
Splice bars, Fabricating. V. C. Armstrong. 2,060,782; Nov. 17.
Spout, Detachable can. R. N. Dickey. 2,061,024; Nov. 17.
Spout for liquid containers. W. W. Helle. 2,061,071; Nov. 17.
Spring hanger. J. R. Konetsky. 2,061,199; Nov. 17.
Sprinkler system. J. E. Wallace. 2,061,015; Nov. 17.
Starter, Engine. R. P. Lansing. 2,061,161; Nov. 17.
Starting means for hydrocarbon engines, Automatic. B. A. Swennes. 2,060,955; Nov. 17.
Static balancing machine. J. L. Taylor. 2,060,958; Nov. 17.
Steam boiler. J. J. Power. 2,061,087; Nov. 17.
Steering controller. A. A. Friestedt. 2,060,804; Nov. 17.
Steering mechanism. S. Vorech. 2,061,120; Nov. 17.
Stereotype plate trimming machine. E. J. Smith. 2,061,292; Nov. 17.
Sterilizing vacuum cleaner dirt receptacles. I. Stone. 2,061,176; Nov. 17.
Stock former. A. E. Borton. 2,060,794; Nov. 17.
Stoker. O. E. Bornhauser. 2,061,450; Nov. 17.
Stoking device. F. L. Balzer. 2,061,130; Nov. 17.
Stove, Portable folding. K. Stuart. 2,061,336; Nov. 17.
Stress-strain recording instrument. R. B. Lewis. 2,061,383; Nov. 17.
Strike for brick machines, Auxiliary. F. Beauchamp. 2,061,497; Nov. 17.
Strip for glass run channels, Unit sealing and guide. F. J. Westrope. 2,060,915; Nov. 17.
Strip, Reenforcing furring. D. A. Stafford. 2,061,050; Nov. 17.
Strip, Treatment of. J. C. Klentz, Jr. 2,061,380; Nov. 17.
Sulphur. C. H. Smith. 2,061,523; Nov. 17.
Sulphur, Free flowing. J. B. Ceccon. 2,061,185; Nov. 17.
Support: *See*—
Car coupler support. Tub display support.
Garment support.
Support for shelves, tabletops, and the like. P. Fischer. 2,060,931; Nov. 17.
Support for shoe repairing, Adjustable outside. L. E. Payne. 2,061,206; Nov. 17.
Surfaces, Method and apparatus for decorating. K. Eichstadt. 2,060,801; Nov. 17.
Suspension and load equalizing system for vehicles. A. Buquor. 2,060,789; Nov. 17.
Swimming pad. F. M. McClure. 2,060,944; Nov. 17.
Switch: *See*—
Electric switch. Safety switch.
Electric time switch. Thermal cut-out switch
Mercury switch. Thermostatic switch.
Mercury tube switch.
Switch for electric circuits. F. Taxner. 2,060,837; Nov. 17.
Switch, particularly for use on motor vehicles, Key-operated electric. W. Rae and T. A. Tisdell. 2,060,951; Nov. 17.
Table: *See*—
Card table.
Table and feeding mechanism therefor, Work. J. and S. W. Bath. 2,061,448; Nov. 17.
Tack. G. A. Wallin. 2,061,372; Nov. 17.
Tag, Identification. W. Ashton. 2,060,921; Nov. 17.
Tag, Marking. G. H. Taylor. 2,061,215; Nov. 17.
Tank: *See*—
Washing machine mixing tank.
Tank assemblage, Trailer. F. G. Thwaits. 2,061,117; Nov. 17.
Tank equipment, Oil field. J. N. Thomas. 2,061,094; Nov. 17.
Tanks, Construction of gasometer roof. E. H. Staber. 2,061,175; Nov. 17.
Tanning process. C. Dangelmajer and E. C. Perkins. 2,061,063; Nov. 17.
Tape for slide fasteners and the like, Elastic. J. A. Hendley. 2,061,073; Nov. 17.
Target device. N. E. Squire. 2,061,092; Nov. 17.
Telemetering and position-signaling device and system. W. Stablein. 2,061,410; Nov. 17.
Telemetering, Method of and apparatus for. E. S. Smith, Jr. 2,061,441; Nov. 17.
Telephone stand holder. P. E. Bauer. 2,061,449; Nov. 17.
Temperature control device. W. J. Ettinger. 2,061,418; Nov. 17.
Temperature control device. W. J. Ettinger and N. Miller. 2,061,419; Nov. 17.
Temperature within an inclosure, Method and apparatus for maintaining a constant. J. K. Thornton. 2,061,116; Nov. 17.
Testing apparatus for electric appliance. R. G. Scott. 2,061,487; Nov. 17.
Thermal cut-out switch. F. Taxner. 2,060,836; Nov. 17.
Thermocouple and mounting the same. A. H. Heyroth and E. W. Bratton. 2,061,357; Nov. 17.
Thermostatic switch. E. W. Evans. 2,061,513; Nov. 17.
Thermostatic valve. J. De Nicola. 2,060,857; Nov. 17.
Thermostatic valve. J. Kindervater. 2,060,994; Nov. 17.
Thread cleaning device. A. G. Osborne and B. H. H. Noble. 2,061,386; Nov. 17.
Threads on pipe ends, Device for protecting. L. S. Gunderman. 2,061,151; Nov. 17.
Ticker tape projecting machine. A. D. Eitzen. 2,061,512; Nov. 17.
Ticket issuing machine. H. Soltz. 2,061,389; Nov. 17.
Tile, Building. H. C. and L. W. Cockrell. 2,060,791; Nov. 17.
Tiling, Cast iron porcelain-enameled. C. F. Wells. 2,061,263; Nov. 17.
Timepiece. E. O. Schweitzer, Jr. 2,061,047; Nov. 17.
Timing device. P. S. Edmunds. 2,061,511; Nov. 17.
Tire chain. G. Montgomery. 2,061,039; Nov. 17.
Tire for mine locomotive wheels. G. L. Micheal and P. Brumbach. 2,061,324; Nov. 17.
Tire lug for tractors. L. A. Lilly. 2,061,283; Nov. 17.
Tire wrench. E. Horn. 2,061,274; Nov. 17.
Toaster, Electric. J. Murasco. 2,061,433; Nov. 17.
Tool: *See*—
Bottle opening tool. Machine tool.
Cutting tool. Reaming and tapping tool
Ferrule applying tool. Well clean-out tool.
Tooth brush and powder container. A. E. Ley. 2,061,430; Nov. 17.

Top for container, Handy. F. C. Groman. 2,061,462; Nov. 17.
Toy, Construction. C. T. Drumpelmann. 2,061,510; Nov. 17.
Toy pistol, Automatic. E. Larson. 2,061,471; Nov. 17.
Toy typewriter. H. Bates. 2,061,342; Nov. 17.
Track laying and picking-up machine and method. R. Stauffer. 2,061,110; Nov. 17.
Tracking device for gramophone sound recording attachments. A. Democratis. 2,061,224; Nov. 17.
Traffic actuated device. A. O. Olafson. 2,060,890; Nov. 17.
Traffic control apparatus. E. F. Critchlow. 2,060,798; Nov. 17.
Trailer coupling. W. Hoflich. 2,061,234; Nov. 17.
Transfer arm. C. G. Miller. 2,061,165; Nov. 17.
Transfer device. W. F. Knebusch and F. F. Hillix. 2,060,809; Nov. 17.
Transformer, Variable voltage. J. A. Comstock and V. H. Dyer. 2,061,452; Nov. 17.
Transmission system. L. G. Abraham and A. F. Grenell. 2,060,843; Nov. 17.
Trap: *See*—
Game trap. Mole trap.
Tray, Cigarette parking. C. P. Strogen. 2,061,335; Nov. 17.
Tray, Egg. W. J. De Reamer. 2,061,065; Nov. 17.
Truss. J. D. Roberts. 2,061,103; Nov. 17.
Tub display support, Butter. C. Raffa. 2,061,406; Nov. 17.
Tube: *See*—
Electron discharge tube. Inner tube.
Two-cycle motor. F. Hurum. 2,061,157; Nov. 17.
Two-cycle engine. C. D. Quantz. 2,061,439; Nov. 17.
Utensil, Cooking. F. A. Anetsberger. 2,061,533; Nov. 17.
Vacuum cleaner. L. Ell. 2,060,980; Nov. 17.
Vacuum cleaner. F. Riebel, Jr. 2,061,330; Nov. 17.
Vacuum on a chamber, Producing and maintaining a. F. L. Shelor. 2,061,488; Nov. 17.
Valve: *See*—
Flushing valve. Thermostatic valve.
Valve. J. S. Forbes. 2,061,028; Nov. 17.
Valve. C. W. Larner. 2,061,239; Nov. 17.
Valve and coupling for volatile liquids, Hose H. N. Wade. 2,061,012; Nov. 17.
Valve and valve assembly. R. J. S. Pigot. 2,061,480; Nov. 17.
Valve for nursing bottles. E. Geistlinger. 2,061,397; Nov. 17.
Valve gear mechanism, Auxiliary. A. O. Judson. 2,060,939; Nov. 17.
Vapor generator operation. C. E. Lucke. 2,061,363; Nov. 17.
Vaporizer. W. H. Fischer. 2,061,148; Nov. 17.
Vaporizer, Engine fuel. C. W. Philip. 2,061,043; Nov. 17.
Vehicle, Highway-rail. J. H. Adair. 2,061,298; Nov. 17.
Vehicle, Motor. F. Riemerschmid. 2,061,290; Nov. 17.
Vehicle safety brake. M. S. Graves. 2,061,029; Nov. 17.
Vehicle speed telltale. O. Stankey. 2,060,907; Nov. 17.
Vehicle storage structure. F. L. Francisco. 2,061,420; Nov. 17.
Vehicle tread chain. D. Fergusson. 2,061,229; Nov. 17.
Ventilator. C. Davies. 2,061,535; Nov. 17.
Vibration indicating device. T. C. Van Degrift. 2,060,963; Nov. 17.
Violin holder. R. Helmers. 2,061,464; Nov. 17.
Viscose and cuprammonium cellulose spinning solutions and products thereof. R. S. Bley. 2,060,787; Nov. 17.
Voltage measurement, Method and apparatus for. W. C. Lent. 2,061,382; Nov. 17.
Volume control with noise suppressor, Automatic. G. L. Beers. 2,060,969; Nov. 17.
Wall bracket lamp. E. Kanter. 2,061,359; Nov. 17.
Warm air furnace. C. B. Lockhart. 2,061,284; Nov. 17.
Washbasin. H. N. Davock. 2,060,855; Nov. 17.
Washer: *See*—
Filtermasse washer.
Washing device for automobiles and the like. C. L. Wright. 2,061,219; Nov. 17.
Washing machine mixing tank. J. D. Evans. 2,061,514; Nov. 17.
Washing machines, Assembly mechanism for can and cover. L. J. Williams. 2,061,180; Nov. 17.
Waste and the like, Treatment of industrial. L. R. Christie. 2,061,022; Nov. 17.
Water cooled furnace. H. J. Kerr. 2,061,404; Nov. 17.
Water heater. R. W. Pratt. 2,060,950; Nov. 17.
Water heating. G. R. Spangenberger. 2,061,174; Nov. 17.
Water jacket for electric discharge devices. M. A. Acheson. 2,061,415; Nov. 17.
Wave apparatus, Ultra short. W. Dällenbach. 2,061,508; Nov. 17.
Weather vane. E. E. Dungan. 2,061,189; Nov. 17.
Web-feeding and web operating control means. A. Novick. 2,060,822; Nov. 17.
Well clean-out tool. J. S. Taylor. 2,061,489; Nov. 17.
Wheel: *See*—
Polishing wheel.
Wheel aligning apparatus, Automobile. J. W. Morse and C. S. Phillips. 2,061,326; Nov. 17.
Window support and regulating device. F. J. Westrope. 2,060,916; Nov. 17.
Wiper arm, Windshield. W. J. Foster. 2,060,983; Nov. 17.
Wire, Aerofoil. L. W. G. Flynt. 2,060,859; Nov. 17.
Wire articles, Producing. E. B. Dillon. 2,061,352; Nov. 17.
Wires, Covering. M. M. J. E. Coupier, J. R. Hellmann, and C. E. Mildé. 2,061,350; Nov. 17.
Wrapping machine. R. J. Gaubert. 2,060,986; Nov. 17.
Wrench: *See*—
Tire wrench.
Writing device for issuing tickets or the like, Device, more particularly manifold. H. D. Black and C. Webb. 2,060,922; Nov. 17.
X-ray and fluoroscopic apparatus, Combined. H. G. Fischer, P. P. Musket, and H. H. Osborn. 2,060,981; Nov. 17.
Yarn and making the same, Elastic. F. D. Chittenden and K. J. Rupprecht. 2,061,021; Nov. 17.
Yarn from multiyarn knitted fabric, Reclaiming. G. Gastrich. 2,061,233; Nov. 17.
Yarn, Method of and machine for balancing the twist of elastic. F. D. Chittenden and K. J. Rupprecht. 2,061,020; Nov. 17.
Yarn, Producing ply. W. F. Bird. 2,061,498; Nov. 17.

CLASSIFICATION OF PATENTS

ISSUED NOVEMBER 17, 1936

NOTE.—First number—class, second number—subclass, third number—patent number

1— 2: 2,060,930
13.6: 2,061,355
2— 14: 2,060,823
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Allen, Gracie. (See Burns, Grace A.)

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Bronx Mineral Water Co., Inc., New York, N. Y. Beverages, and for syrups, extracts, and flavors used in making the same. Serial No. 383,767; Nov. 24. Class 45.

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Collin County Mill & Elevator Co., McKinney, Tex. Flour. Serial No. 383,985; Nov. 24. Class 46.

Concrete Equipment Company, The, Holland, Mich. Building brick units. Serial No. 383,006; Nov. 24. Class 12.

Darrin, Laurence T., Philadelphia, Pa. Card game. Serial No. 383,161; Nov. 24. Class 22.

Dennison Manufacturing Company, Framingham, Mass. Crepe paper. Serial No. 382,346; Nov. 24. Class 37.

Deutsche Benzinuhren G. m. b. H., Berlin, Germany. Cork packings for joints. Serial No. 381,262; Nov. 24. Class 35.

Deutsche Benzinuhren G. m. b. H., Berlin, Germany. Measuring and indicating instruments. Serial No. 381,264; Nov. 24. Class 26.

Diversey Corporation, The, Chicago, Ill. Bottle washing compound. Serial Nos. 383,726–7; Nov. 24. Class 4.

Do-Knots. (See Meilstrup, Herbert E.)

Donner, Joseph, doing business as Thoroughbred Pharmacal Company, Chicago, Ill. Shaving cream. Serial No. 381,477; Nov. 24. Class 4.

Drew, Irving, Company, The, Portsmouth, Ohio. Boots, shoes, and slippers. Serial No. 382,622; Nov. 24. Class 39.

Duffy Mott Co., Inc., New York, N. Y. Jellies. Serial No. 384,044; Nov. 24. Class 46.

Dutchess Underwear Corporation, New York, N. Y. Ladies' rayon underwear, pajamas, nightgowns, and dresses. Serial Nos. 383,918–20; Nov. 24. Class 39.

Elm Mill Corporation, Tilton, N. H. Woolen piece goods. Serial No. 381,355; Nov. 24. Class 42.

Everlast Silk Hosiery Mills Inc., New Hyde Park, N. Y. Hosiery. Serial No. 382,713; Nov. 24. Class 39.

Fabrique de Pates de Foies Gras Edouard Artzner, Strasbourg, France. Pate de foies gras. Serial No. 380,448; Nov. 24. Class 46.

Falk-Baxter, Inc. (See Hoelzel, Frederick, assignor.)

Federal Storage Battery Co., Chicago, Ill. Automobile storage batteries. Serial No. 377,786; Nov. 24. Class 21.

Finkenberg's, A., Sons, Inc., New York, N. Y. Men's suits, top coats, rain coats, etc. Serial Nos. 383,262–3; Nov. 24. Class 39.

"5" Spot Short Range Gun Clubs of America, Inc., Toledo, Ohio. Firearms and ammunition. Serial No. 382,386; Nov. 24. Class 9.

Florsheim Shoe Company, The, Chicago, Ill. Shoes. Serial No. 383,805; Nov. 24. Class 39.

Forson Laboratories, Inc., New York, N. Y. Inhalant for use in relief of respiratory infections. Serial No. 383,431; Nov. 24. Class 6.

Forstmann Woolen Co., Passaic, N. J. Woolen piece goods. Serial No. 383,520; Nov. 24. Class 42.

Forstmann Woolen Co., Passaic, N. J. Woolen piece goods. Serial No. 383,522; Nov. 24. Class 42.

Free State Brewery Corporation, Baltimore, Md. Ale. Serial No. 383,057; Nov. 24. Class 48.

Freedman, A., & Sons, Inc., New Bedford, Mass. Shoes. Serial No. 380,988; Nov. 24. Class 39.

Frisch & Co., Inc., New York, N. Y. Ready mixed paint. Serial No. 383,524; Nov. 24. Class 16.

General Desserts Corporation, New York, N. Y. Maltless chocolate powder used as a dessert. Serial No. 383,881; Nov. 24. Class 46.

Georgia-Carolina Oil Company, Macon, Ga. Lubricating oils and greases. Serial No. 383,732; Nov. 24. Class 15.

Gladee Oil Company, Incorporated, Detroit, Mich. Lubricating oils and greases and gasoline. Serial No. 368,777; Nov. 24. Class 15.

Glemby Company, Inc., The, New York, N. Y. Human hair used in making hair nets. Serial No. 383,167; Nov. 24. Class 1.

Glendale Frocks, Inc., New York, N. Y. Dresses. Serial No. 383,926; Nov. 24. Class 39.

Goldberg, Reuben L. (Rube), New York, N. Y. Cartoon and comic strips. Serial No. 383,527; Nov. 24. Class 38.

Goldhaber, Jacob, Johnstown, Pa. Lithiated lemon beverage and sirup and extract for making the same. Serial No. 383,770; Nov. 24. Class 45.

Goldsmith Bros., New York, N. Y. Writing and typewriting paper. Serial No. 384,035; Nov. 24. Class 37.

Goodyear Footwear Corporation, Providence, R. I. Leather shoes. Serial No. 383,680; Nov. 24. Class 39.

Gorton, George, Machine Company, Racine, Wis. Vertical milking machines. Serial No. 382,556; Nov. 24. Class 23.

Graff & Graff, Inc., New York, N. Y. Coats, suits, and dresses. Serial No. 382,751; Nov. 24. Class 39.

Haram, Sevrin A., doing business as S. A. Haram, New York, N. Y. Bread, canned anchovies, canned shrimps, etc. Serial No. 380,277; Nov. 24. Class 46.

Hart, Schaffner & Marx, Chicago, Ill. Suits, coats, overcoats, etc. Serial No. 383,883; Nov. 24. Class 39.

Hawaiian Pineapple Company, Ltd., Honolulu, Hawaii. Canned fruits, canned fruit juices. Serial No. 383,340; Nov. 24. Class 46.

Hays, Daniel, Company, Inc., The, Gloversville, N. Y. Leather gloves. Serial No. 383,392; Nov. 24. Class 39.

Herbert, Preston, Jr., White Plains, N. Y. Golf balls. Serial No. 382,055; Nov. 24. Class 22.

Hewlett Bros. Company, Salt Lake City, Utah. Concentrated beverages in syrup form. Serial No. 382,718; Nov. 24. Class 45.

Hill, C. V., & Company, Inc., Trenton, N. J. Refrigerated display cases, refrigerators. Serial No. 382,056; Nov. 24. Class 31.

Hoelzel, Frederick, assignor to Falk-Baxter, Inc., Chicago, Ill. Laxatives. Serial No. 379,048; Nov. 24. Class 6.

Honey Packers, Inc., New York, N. Y. Honey. Serial No. 377,308; Nov. 24. Class 46.

Institutional Publications, Inc., Chicago, Ill. Periodical. Serial No. 383,624; Nov. 24. Class 38.

Irish Review, Inc., The, New York, N. Y. Periodical. Serial No. 383,211; Nov. 24. Class 38.

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[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Jacobs, Grossman & Rosenberg, Inc., Philadelphia, Pa. Frocks, suits for boys, and dresses. Serial No. 382,513; Nov. 24. Class 39.

Kenilworth Mfg. Co., Inc., New York, N. Y. Snow suits, ski pants, pants and jackets. Serial No. 383,628; Nov. 24. Class 39.

Kings Chemical Products Company. (See Rosslaw, David.)

Kirsch Company, Sturgis, Mich. Venetian blinds. Serial No. 381,460; Nov. 24. Class 32.

Kloeckner Steel Corporation, New York, N. Y. Steel grinding balls and steel rollers used for grinding mills. Serial No. 383,773; Nov. 24. Class 14.

Knott, Wm. T., Company, Inc., New York, N. Y. Children's and infants' wear. Serial No. 383,169; Nov. 24. Class 39.

Knowlton, Wm., & Sons Company, Upton, Mass. Hats. Serial No. 382,798; Nov. 24. Class 39.

Knox Company, The, Los Angeles, Calif. Preparations used in and for the treatment of disorders and functional irritations of the stomach, intestines, etc. Serial No. 383,394; Nov. 24. Class 6.

Knox Company, The, Los Angeles, Calif. Preparations used in and for the treatment of asthma, hay fever, etc. Serial No. 383,395; Nov. 24. Class 6.

Knox Company, The, Los Angeles, Calif. Preparations used in and for treatment of ringworm, fungus conditions of the skin and feet, etc. Serial No. 383,396; Nov. 24. Class 6.

Kraemer's Stores, Inc., Toledo, Ohio. Smoking tobacco. Serial No. 382,559; Nov. 24. Class 17.

Kraut & Dohnal, Chicago, Ill. Cutlery. Serial No. 378,439; Nov. 24. Class 23.

Kraut & Dohnal, Chicago, Ill. Cutlery. Serial No. 378,729; Nov. 24. Class 23.

Kroger Grocery & Baking Company, Cincinnati, Ohio. Cleansing tissues. Serial No. 384,086; Nov. 24. Class 37.

Laboratorios Soliris, S. A., Habana, Cuba. Specific for the eyes. Serial No. 372,628; Nov. 24. Class 6.

La Porte, Robert B., Peoria, Ill. Laundry washing machines. Serial No. 383,887; Nov. 24. Class 24.

Leighton Hat Co. Inc., New York, N. Y. Ladies' hats. Serial No. 377,638; Nov. 24. Class 39.

Les Parfums Chypron Societe Anonyme, Courbevoie/Seine, France. Soaps and shaving stick. Serial No. 382,920; Nov. 24. Class 4.

Les Parfums Chypron Societe Anonyme, Courbevoie/Seine, France. Eau de cologne, lavender water, hair washes, etc. Serial No. 382,921; Nov. 24. Class 6.

Levin & Co., New York, N. Y. Aprons, hooverettes, etc. Serial No. 381,273; Nov. 24. Class 39.

Lorraine Manufacturing Company, Pawtucket, R. I., and New York, N. Y. Textile fabrics. Serial No. 373,696; Nov. 24. Class 42.

Louis, John, Mount Vernon, Ill. Beverages. Serial No. 383,812; Nov. 24. Class 45.

Luxtrol Company, Inc., New York, N. Y. Electrical equipment. Serial No. 378,367; Nov. 24. Class 26.

MacAlpine, Martin Ford, Mount Clemens, Mich. Beverages and syrups and extracts for making the same. Serial No. 383,775; Nov. 24. Class 45.

MacFarlane, John G., doing business as Nu Life Remedies Co., Victoria, British Columbia, Canada. Medicinal preparations for dogs. Serial No. 371,817; Nov. 24. Class 6.

Mallinson Fabrics Corporation, New York, N. Y. Silk and synthetic fabrics. Serial No. 383,509; Nov. 24. Class 42.

Markham, Sid, doing business as Markham Laboratories, Miami, Fla. Sun tan oil. Serial No. 383,592; Nov. 24. Class 6.

Markham, Sid, doing business as Markham Laboratories, Miami, Fla. Burn ointment. Serial No. 384,384; Nov. 24. Class 6.

Marshall Field & Company, Chicago, Ill. Hosiery. Serial No. 383,995; Nov. 24. Class 39.

Marvel Lamp Manufacturing Company. (See Sullivan, Frank.)

Maxiwax Incorporated, Chicago, Ill. Mechanical razor blade sharpeners. Serial No. 381,680; Nov. 24. Class 23.

McAlester Fuel Company, The, McAlester, Okla. Lubricating oils and greases. Serial No. 381,079; Nov. 24. Class 15.

McLachlan, George, Hat Company, The, Danbury, Conn. Felt hats. Serial No. 382,633; Nov. 24. Class 39.

Meilstrup, Herbert E., doing business as Do-Knots, Los Angeles, Calif. Doughnuts. Serial No. 378,370; Nov. 24. Class 46.

Meiszahl, Charles, Mfg. Co., New York, N. Y. Beverages and syrups and extracts used in making the same. Serial No. 381,129; Nov. 24. Class 45.

Merck & Co. Inc., Rahway, N. J. Chemical compounds used for plant growth stimulation. Serial No. 383,341; Nov. 24. Class 6.

Meridian Grain & Elevator Co., Meridian, Miss. Corn meal. Serial No. 382,760; Nov. 24. Class 46.

Mil-Hone Products Co., New York, N. Y. Fruit juices and flavoring extracts for alcoholic liquors. Serial Nos. 382,437–8; Nov. 24. Class 45.

Mil-Hone Products Co., New York, N. Y. Fruit juices and flavoring extracts for alcoholic liquors. Serial No. 382,440; Nov. 24. Class 45.

Minneapolis Brewing Company, Minneapolis, Minn. Bottle caps and the like. Serial No. 383,474; Nov. 24. Class 50.

Minnesota Valley Canning Company, Le Sueur, Minn. Canned vegetables. Serial No. 355,576; Nov. 24. Class 46.

Murphy, T. J., Fur Co., Lewistown, Maine. Women's and children's garments. Serial No. 383,218; Nov. 24. Class 39.

National Department Stores Management & Buying Corporation, New York, N. Y. Women's and misses' hats, coats, dresses, etc. Serial No. 383,320; Nov. 24. Class 39.

North Star Woolen Mill Company, Minneapolis, Minn. Blankets. Serial No. 367,800; Nov. 24. Class 42.

Nu Life Remedies Co. (See MacFarlane, John G.)

Okonite Company, The, Passaic, N. J. Insulated wires and cables. Serial No. 383,937; Nov. 24. Class 21.

Oliver Farm Equipment Company, Chicago, Ill. Tractors, stationary engines, threshers, etc. Serial No. 381,999; Nov. 24. Class 23.

Osgood, George H., Tacoma, Wash. Glues and glue bases. Serial No. 383,478; Nov. 24. Class 5.

Pacific Northwest Fruits, Inc., Yakima, Wash. Fresh apples and pears. Serial No. 381,859; Nov. 24. Class 46.

Parker Grocery Company, Owensboro, Ky. Flour. Serial No. 382,927; Nov. 24. Class 46.

Parr Paint & Color Co., The, Cleveland, Ohio. Viscid compounds for use in glazing, etc. Serial No. 380,122; Nov. 24. Class 12.

Petersen, Johannes A., & Co., Hamburg, Germany. Wines. Serial No. 342,489; Nov. 24. Class 47.

Petersen, Johannes A., & Co., Hamburg, Germany. Wines. Serial Nos. 346,924–5; Nov. 24. Class 47.

Phillips Telescopic Taps Limited, London, England. Telescopic taps and cocks for containers. Serial No. 378,227; Nov. 24. Class 13.

Pioneer Manufacturing Company, Cedar Rapids, Iowa. Oil burners. Serial No. 376,301; Nov. 24. Class 34.

Pocahontas Grocer Company, doing business as Pocahontas Grocery Company, Pocahontas, Ark. Table syrup, mincemeat, and canned pork and beans. Serial No. 380,882; Nov. 24. Class 46.

Pontiac Company, Newark, N. J. Clocks, watches, and watch cases. Serial No. 382,545; Nov. 24. Class 27.

Prendergast, William H., Company, New York, N. Y. Woolen piece goods. Serial No. 383,687; Nov. 24. Class 42.

R. & K. Leather Goods Co., Inc., New York, N. Y. Ladies' handbags. Serial No. 383,648; Nov. 24. Class 3.

Radiex Laboratories, Baltimore, Md. Medicinal preparations. Serial No. 378,452; Nov. 24. Class 6.

Rascher & Betzold, assignor to Rascher & Betzold, Inc., Chicago, Ill. Thermometers, hydrometers and laboratory glassware. Serial No. 354,137; Nov. 24. Class 26.

Raylite Trading Co., Inc., New York, N. Y. Decorative electric lighting outfits and lamps therefor. Serial No. 383,853; Nov. 24. Class 21.

RCA Manufacturing Company, Inc., Camden, N. J. Radio receiving sets, television receiving sets, kits for radio receiving sets, etc. Serial No. 383,854; Nov. 24. Class 21.

Reed, Walter C., North Hollywood, Calif. Vacuum cleaners. Serial No. 383,817; Nov. 24. Class 23.

Republic Electric Manufacturing Company, Davenport, Iowa. Radio receiving sets, generators, and storage batteries. Serial No. 375,599; Nov. 24. Class 21.

Rocky Mountain Garment Manufacturing Co., Denver, Colo. Service apparel. Serial No. 382,571; Nov. 24. Class 39.

Rolls-Royce Limited, Derby, England. Internal combustion engines and parts thereof and variable gearings. Serial No. 381,817; Nov. 24. Class 23.

Rosenberg, Murray M., Inc., New York, N. Y. Shoes, slippers, boots, etc. Serial No. 382,359; Nov. 24. Class 39.

Rosenblatt & Kahn, New York, N. Y. Coat and snow pants ensemble garment. Serial No. 380,158; Nov. 24. Class 39.

Rosslaw, David, doing business as Kings Chemical Products Company, Los Angeles, Calif. Bronchial inhalant, cold tablets, nasal spray, etc. Serial No. 382,177; Nov. 24. Class 6.

Sachs Brothers, New York, N. Y. Sheets and pillow cases. Serial No. 383,823; Nov. 24. Class 42.

Salabes, Sody and Meyer J., doing business as Salabes Laboratories, Baltimore, Md. Alloys for artificial dentures, artificial dentures, dental bridges, etc. Serial No. 382,282; Nov. 24. Class 44.

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[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Saladino, Peter, doing business as Saladino Chemical Laboratory, Indianapolis, Ind. Preparation for cleaning, disinfecting, and deodorizing drain pipes, etc. Serial No. 382,490; Nov. 24. Class 6.

Sanders Manufacturing Company, Nashville, Tenn. Wood cased and mechanical pencils. Serial No. 382,180; Nov. 24. Class 37.

Schachenmayr, Mann & Co., Salach, Germany. Yarns. Serial No. 374,855; Nov. 24. Class 43.

Schenley Research Institute, Inc., New York, N. Y. Monthly publication. Serial No. 383,487; Nov. 24. Class 38.

Schoeneman, J., Inc., Baltimore, Md. Coats, vests, trousers, etc. Serial No. 383,489; Nov. 24. Class 39.

Sears, Roebuck and Co., Chicago, Ill. Hosiery, dresses, gloves, etc. Serial No. 382,288; Nov. 24. Class 39.

Sears, Roebuck and Co., Chicago, Ill. Electric hot plates. Serial No. 382,291; Nov. 24. Class 21.

Sears, Roebuck and Co., Chicago, Ill. Hosiery. Serial No. 383,953; Nov. 24. Class 39.

Shelton Tack Company, The, Shelton, Conn. Carpet and other tacks. Serial No. 376,500; Nov. 24. Class 13.

Siegel Bros. Kiki Maid Coats Inc., New York, N. Y. Piece goods. Serial No. 383,233; Nov. 24. Class 42.

Sinclair Refining Company, New York, N. Y. Lubricating oil. Serial No. 383,372; Nov. 24. Class 15.

Sioux Falls Cereal Company, Sioux Falls, S. Dak. Breakfast cereal. Serial No. 383,105; Nov. 24. Class 46.

Sisselman Bros., Inc., New York, N. Y. Ladies' and misses' coats and suits. Serial No. 383,787; Nov. 24. Class 39.

Society Maid Hosiery Mills, Inc., Willow Grove, Pa. Hosiery and underwear. Serial No. 381,513; Nov. 24. Class 39.

Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricating oil. Serial No. 383,453; Nov. 24. Class 15.

Spojené závody pro výrobu karborunda a elektritu akclová společnost (United Carborundum and Electric Works Co.), Nove Benatky, Czechoslovakia. Artificial abrading, lapping, and polishing grains and powders, abrading wheels, abrading papers, etc. Serial No. 381,824; Nov. 24. Class 4.

Stenton Laboratories, Inc., Philadelphia, Pa. Medicated soap. Serial No. 383,602; Nov. 24. Class 4.

Sterling Products Company, Easton, Pa. Paste soap for petroleum solvent systems. Serial No. 383,329; Nov. 24. Class 4.

Sterling Products Company, Easton, Pa. Solvents for removing oil, tar, paint, and the like. Serial No. 383,330; Nov. 24. Class 4.

Sterling Products Company, Easton, Pa. Fluid dry cleaning soap. Serial No. 383,331; Nov. 24. Class 4.

Stirling, Lester Co., The, Salinas, Calif. Fresh vegetables. Serial No. 381,078; Nov. 24. Class 46.

Stetson, John B., Company, Philadelphia, Pa. Hats and caps. Serial No. 382,638; Nov. 24. Class 39.

Stetson, John B., Company, Philadelphia, Pa. Women's hats. Serial No. 383,108; Nov. 24. Class 39.

Sullivan, Frank, doing business as Marvel Lamp Manufacturing Company, Hoboken, N. J. Electric lamp bulbs. Serial No. 352,749; Nov. 24. Class 21.

Swisher, Jno. H., & Son, Inc., Jacksonville, Fla. Cigars. Serial No. 383,902; Nov. 24. Class 17.

Thoroughbred Pharmacal Company. (See Donner, Joseph.)

Tivoli Brewing Company, Detroit, Mich. Beer. Serial No. 383,657; Nov. 24. Class 48.

Tober-Saifer Shoe Company, St. Louis, Mo. Shoes. Serial No. 382,537; Nov. 24. Class 39.

Toledo Scale Company, Toledo, Ohio. Food choppers. Serial No. 383,552; Nov. 24. Class 23.

Treasure Imports, Inc., New York, N. Y. Pearls. Serial No. 378,865; Nov. 24. Class 28.

Union Bag & Paper Corporation, New York, N. Y. Transparent cellulose bags and other paper bags. Serial No. 384,018; Nov. 24. Class 2.

United States Gypsum Company, Chicago, Ill. Roll roofing. Serial No. 370,587; Nov. 24. Class 12.

United States Rubber Company, New York, N. Y. Rubber tires for vehicles. Serial No. 359,603; Nov. 24. Class 35.

Upjohn Company, The, Kalamazoo, Mich. Concentrated cod liver oil. Serial No. 369,753; Nov. 24. Class 6.

Valentine & Company, New York, N. Y. Paint and varnish remover. Serial No. 381,294; Nov. 24. Class 16.

Valentine & Company, New York, N. Y. Paint enamel. Serial No. 381,297; Nov. 24. Class 16.

Vassar Company, Chicago, Ill. Swimming trunks. Serial No. 383,147; Nov. 24. Class 39.

Vogt, F. G., & Sons, Inc., Philadelphia, Pa. Shortening of blended animal fats. Serial No. 382,971; Nov. 24. Class 46.

Von Sydow, Adolph B., Los Angeles, Calif. Acids and salts in combined powdered form. Serial No. 382,780; Nov. 24. Class 6.

Waterbury Clock Company, The, Waterbury, Conn. Watches. Serial No. 383,513; Nov. 24. Class 27.

Wealth, Unlimited, Narberth, Pa. Board game. Serial No. 384,021; Nov. 24. Class 22.

Weideman Company, The, Cleveland, Ohio. Olives, fruit preserves, jellies, etc. Serial No. 382,252; Nov. 24. Class 46.

Wellston Bottling Works, Inc., St. Louis, Mo. Beverages. Serial No. 383,114; Nov. 24. Class 45.

Wilcox-Rich Corporation, Detroit, Mich. Mechanical parts for use in connection with valve operated mechanism of internal combustion engines. Serial No. 381,926; Nov. 24. Class 23.

Winne & Sutch Company, Los Angeles, Calif. Desert cloth. Serial No. 382,192; Nov. 24. Class 42.

Winter & Co., New York, N. Y. Pianos. Serial No. 383,906; Nov. 24. Class 36.

Wolf, Jaques, & Company, Passaic, N. J. Enzymic preparation. Serial No. 382,852; Nov. 24. Class 46.

Wrap-Ade Machine Company, Newark, N. J. Machinery for handling packaging material, and for producing and fabricating packages and wrappings. Serial No. 376,786; Nov. 24. Class 23.

Wróblewski, David, doing business as D. Wroblewski & Co., Brooklyn, N. Y. Preparation for catarrh of the stomach, chronic constipation, etc. Serial No. 382,255; Nov. 24. Class 6.

Yardley Screen and Weather Strip Corporation, Columbus, Ohio. Weather stripping and made-up porch and window screens. Serial No. 382,853; Nov. 24. Class 12.

Zakonit, Inc., Boston, Mass. Knitted clothing. Serial No. 382,899; Nov. 24. Class 39.

Zeiss, Carl, Jena, Germany. Photographic, microphotographic, projecting and microscope objectives. Serial No. 381,014; Nov. 24. Class 26.

Zeiss, Carl, Jena, Germany. Photographic, microphotographic, projecting and microscope objectives. Serial No. 383,280; Nov. 24. Class 26.

LIST OF REGISTRANTS OF TRADE-MARKS

Acme Mills Co. (See Heidenberg, Jacob.)

Addison Underwear Co., Inc., New York, N. Y. Negligees, chemises, slips, etc. 340,771; Nov. 24; Serial No. 380,433; published Sept. 1, 1936. Class 39.

Akron Brewing Company, Akron, Ohio. Beer and ale. 340,772; Nov. 24; Serial No. 380,492; published Sept. 8, 1936. Class 48.

Amalgamated Leather Companies, Inc., Wilmington, Del. Leather. 340,773; Nov. 24; Serial No. 380,539; published Sept. 15, 1936. Class 1.

American Brewing Company, New Orleans, La. Beer and ale. 340,774; Nov. 24; Serial No. 380,737; published Sept. 8, 1936. Class 48.

American Character Doll Co., Inc., New York, N. Y. Dolls. 340,775; Nov. 24; Serial No. 381,743; published Sept. 15, 1936. Class 22.

American Laundry Machinery Company, The, Cincinnati, Ohio. Machines for processing, by comminuting or fragmentizing, various articles, such as meats, etc. 340,775; Nov. 24; Serial No. 376,655; published Sept. 15, 1936. Class 23.

American Phenolic Corporation, Chicago, Ill. Laminated phenolic shields, rods, and tubes, etc. 340,777; Nov. 24; Serial No. 373,942; published Sept. 15, 1936. Class 21.

American Photograph Corporation, New York, N. Y. Cameras. 340,778; Nov. 24; Serial No. 367,227; published Sept. 15, 1936. Class 26.

Ames, Walter W., South Orange, N. J. Oil preparation. 340,779; Nov. 24; Serial No. 380,857; published Sept. 15, 1936. Class 4.

Angostura Bitters (Dr. J. G. B. Siegert & Sons) Limited, Port of Spain, Trinidad, British West Indies. Bitters for food flavoring purposes. 340,780; Nov. 24; Serial No. 371,010; published Aug. 25, 1936. Class 46.

Anschl, Benjamin, Company, The, doing business as The Mediskin Company, St. Louis, Mo. Soap and shaving cream. 340,790; Nov. 24; Serial No. 381,442; published Sept. 15, 1936. Class 4.

Arakelian, K., Inc., Madera, Calif., and New York, N. Y. Riesling. 340,781; Nov. 24; Serial No. 378,122; published Sept. 15, 1936. Class 47.

Arkwright Merchandising Corporation, New York, N. Y. Corsets, brassières, underdrawers, etc. 340,782; Nov. 24; Serial No. 379,285; published Sept. 8, 1936. Class 39.

Artistic Foundations, Inc., New York, N. Y. Corsets and brassières. 340,783; Nov. 24; Serial No. 378,920; published Aug. 11, 1936. Class 39.

Artleigh Products, Inc., New York, N. Y. Combination ash tray and coaster. 341,007 Nov. 24. Class 8.
Aster Corona Corporation, New York, N. Y. Bread. 341,008; Nov. 24. Class 46.
Atlantic Gummed Paper Corporation, Brooklyn, N. Y. Gummed paper. 340,784; Nov. 24 Serial No. 376,187; published Sept. 15, 1936. Class 37.
Bache, Semon, & Company, New York, N. Y. Screens or plates for use in connection with the reading or viewing of X-ray films or X-ray plates. 341,009; Nov. 24. Class 44.
Baker Clothes Incorporated, Philadelphia, Pa. Suits. 340,785; Nov. 24; Serial No. 380,815; published Sept. 15, 1936. Class 39.
Bano Novelty Company. (See Laidhold, Babette.)
Barnhardt Brothers, Charlotte, N. C. Cotton and rayon yarns and mixtures thereof. 341,010; Nov. 24. Class 43.
Bates Manufacturing Company, Lewiston, and Augusta, Me. Bedspreads. 340,786; Nov. 24; Serial No. 381,550; published Sept. 15, 1936. Class 42.
Bein Bros., New York, N. Y. Fur coats. 340,787; Nov 24; Serial No. 377,656; published Sept. 15, 1936. Class 39.
Bemis Bro. Bag Co., St. Louis, Mo. Fabric bags and sacks. 340,788; Nov. 24; Serial No. 381,751; published Sept. 15, 1936. Class 2.
Bemis Bro. Bag Co., St. Louis, Mo. Combination fabric and paper bags. 340,789; Nov. 24; Serial No. 381,752; published Sept. 15, 1936. Class 2.
Bernson, Israel, New York, N. Y. Ladies' hats. 340,791; Nov. 24; Serial No. 376,189; published Aug. 11, 1936. Class 39.
Bernstein, M. M., & Sons, Inc., New York, N. Y. Ladies' undergarments. 341,011; Nov. 24. Class 39.
Berry Bros. & Co., London, England. Sauterne wines. 340,792; Nov. 24; Serial No. 380,750; published Sept. 15, 1936. Class 47.
Black Dallas Beer Company. (See Glazer, Max.)
Bob, H. D., Company, Inc., New York, N. Y. Shirts, blouses, pajamas, etc. 341,012; Nov. 24. Class 39.
Bridgewater Plow Corporation, doing business as Bridgewater Canning Company, Bridgewater, Va. Canned vegetables. 340,793; Nov. 24; Serial No. 380,985; published Sept. 15, 1936. Class 46.
Brock Candy Company, Chattanooga, Tenn. Candy. 340,794; Nov. 24; Serial No. 375,841; published May 12, 1936. Class 46.
Brown Company, Portland, Maine, and Berlin, N. H. Paper. 340,795; Nov. 24; Serial No. 367,558; published Sept. 15, 1936. Class 37.
Brown Company, Portland, Maine, and Berlin, N. H. Paper. 340,796; Nov. 24; Serial No. 367,888; published Sept. 15, 1936. Class 37.
Brown Instrument Company, The, Philadelphia, Pa. Measuring and control instruments. 340,797; Nov. 24; Serial No. 373,097; published Feb. 18, 1936. Class 26.
Brown, Wilson W., Washington, D. C. Neckties. 341,013; Nov. 24. Class 39.
Brunswick-Balke-Collender Company, The, Wilmington, Del., and Chicago, Ill. Billiard cloth. 341,014; Nov. 24. Class 42.
Bunte Brothers, Chicago, Ill. Candy. 340,798; Nov. 24; Serial No. 380,619; published Sept. 3, 1936. Class 46.
Buscarlet Glove Company Inc., New York, N. Y. Leather gloves. 340,799; Nov. 24; Serial No. 379,873; published Aug. 18, 1936. Class 39.
Cannon Shoe Company, Baltimore, Md. Shoes. 340,800; Nov. 24; Serial No. 379,170; published Aug. 11, 1936. Class 39.
Cannon Shoe Company, Baltimore, Md. Shoes. 340,801–2; Nov. 24; Serial No. 379,602–3; published Aug. 11, 1936. Class 39.
Carson Pirie Scott & Company, Chicago, Ill. Shoes. 340,803; Nov. 24; Serial No. 379,876; published Sept. 8, 1936. Class 39.
Celanese Corporation of America, New York, N. Y. Fabrics of cellulose derivatives. 341,016; Nov. 24. Class 42.
Celluloid Corporation, Newark, N. J. Envelopes, envelope windows, stencils, etc. 340,804; Nov. 24; Serial No. 380,694; published Sept. 15, 1936. Class 37.
Central Scientific Company, Chicago, Ill. Laboratory cement. 340,805; Nov. 24; Serial No. 377,139; published Sept. 15, 1936. Class 5.
Champion Spark Plug Company, Toledo, Ohio. Fine mineral powders. 340,806; Nov. 24; Serial No. 378,877; published Sept. 15, 1936. Class 1.
Chase, L. C., & Co., Inc., New York, N. Y. Woolen piece goods. 340,807; Nov. 24; Serial No. 381,446; published Sept. 8, 1936. Class 42.
Chevette, Inc., New York, N. Y. Girdles, foundation garments, and brassières. 340,808; Nov. 24; Serial No. 379,827; published Sept. 8, 1936. Class 39.
Cluett, Peabody & Co., Inc., Troy, N. Y. Collars, cuffs, shirts, etc. 340,809; Nov. 24; Serial No. 369,478; published Sept. 15, 1936. Class 39.
Continental Undergarment Co., Brooklyn, N. Y. Bloomers, panties, brassières, etc. 340,810; Nov. 24; Serial No. 379,604; published Sept. 8, 1936. Class 39.
Cornblum Pants Manufacturing Company, The, Cleveland, Ohio. Pants and snow suits. 340,811; Nov. 24; Serial No. 360,666; published Sept. 15, 1936. Class 39.
Corona Citrus Association, Corona, Calif. Fresh citrus fruit. 340,812; Nov. 24; Serial No. 381,756; published Sept. 15, 1936. Class 46.
Crucible Steel Company of America, New York, N. Y. Steel bars, rods, billets, etc. 340,813; Nov. 24; Serial No. 375,199; published Sept. 15, 1936. Class 14.
Dacar Products Company, The, Canton, Ohio. Soap. 340,814; Nov. 24; Serial No. 354,894; published Sept. 15, 1936. Class 4.
Davis Box Toe Company, Inc., Brooklyn, N. Y. Box toes. 340,815; Nov. 24; Serial No. 380,621; Sept. 8, 1936. Class 39.
De-An-Ay Shops, Inc., Astoria, N. Y. Corsets, girdles, corselets, and brassières. 340,816; Nov. 24; Serial No. 378,620; published Sept. 8, 1936. Class 39.
Delpark, Inc., New York, N. Y., assignor to Henry C. Reusch & Co., Inc., Newark, N. J. Athletic underwear, union suits, and pajamas. 113,358; renewed Oct. 17, 1936.
Detroit Lubricator Company, Detroit, Mich. Thermostatically operated electric switches. 340,817; Nov. 24; Serial No. 374,235; published Sept. 15, 1936. Class 26.
Dixie Mills Company, East St. Louis, Ill. Concentrated product for use in mixing with grains, mill feed, etc. 340,818; Nov. 24; Serial No. 379,737; published Sept. 15, 1936. Class 46.
Dorfman, Meyer, doing business as Real Form Girdle Company, Brooklyn, N. Y. Corsets and girdles. 340,819; Nov. 24; Serial No. 379,473; published Sept. 1, 1936. Class 39.
Douglas, Frederick L., Barrie, Ontario, Canada. Beverages, and syrups and extracts for making the same. 340,820; Nov. 24; Serial No. 380,393; published Sept. 15, 1936. Class 45.
Drackett Company, The, Cincinnati, Ohio. Pads for massaging the body. 340,821; Nov. 24; Serial No. 378,780; published Sept. 15, 1936. Class 44.
Draper Hat Corporation, New York, N. Y. Ladies' hats. 340,822; Nov. 24; Serial No. 369,048; published Aug. 11, 1936. Class 39.
Durkee Famous Foods. (See Glidden Company, The.)
Dutchess Underwear Corporation, New York, N. Y. Ladies' rayon underwear, pajamas, nightgowns, and dresses. 341,017; Nov. 24. Class 39.
Dyer's Ground Gripper Shoe Store, Inc., Madison, Wis. Shoes. 340,823; Nov. 24; Serial No. 375,135; published Sept. 8, 1936. Class 39.
Eadington Fruit Company, Fullerton, Calif. Fresh oranges. 340,824; Nov. 24; Serial No. 380,987; published Sept. 15, 1936. Class 46.
Egleston, William D., doing business as William D. Egleston Co., Boston, Mass. Limestone filler. 340,825; Nov. 24; Serial No. 380,265; published Sept. 15, 1936. Class 1.
Elder and Johnston Company, The, Dayton, Ohio. Shoes. 340,826; Nov. 24; Serial No. 379,552; published Aug. 11, 1936. Class 39.
Elder and Johnston Company, The, Dayton, Ohio. Shoes. 340,827; Nov. 24; Serial No. 379,687; published Aug. 18, 1936. Class 39.
Elder and Johnston Company, The, Dayton, Ohio. Shoes. 340,828; Nov. 24; Serial No. 379,693; published Aug. 18, 1936. Class 39.
Elder and Johnston Company, The, Dayton, Ohio. Women's hats. 340,829; Nov. 24; Serial No. 379,694; published Aug. 18, 1936. Class 39.
Elektrizitatswerk Lonza, Gampel, Switzerland, by change of name to Lonza Elektrizitatswerke Und Chemische Fabriken Aktiengesellschaft, Gampel and Basel, Switzerland. Artificial emery. 114,255; renewed Dec. 5, 1936.
Evangeline Shoe Mfg. Co., Portland, Maine. Shoes. 340,830; Nov. 24; Serial No. 379,237; published Sept. 8, 1936. Class 39.
Fabry, W. H., Manufacturing Company, Alhambra, Calif. Air conditioners, moisteners, and humidifiers. 340,831; Nov. 24; Serial No. 379,696; published Sept. 15, 1936. Class 34.
Fayen Corporation, New York, N. Y. Cellulose acetate and cotton fabrics in the piece. 340,832; Nov. 24; Serial No. 381,155; published Sept. 15, 1936. Class 42.
Feldman, Joseph, doing business as Scher & Feldman, New York, N. Y. Snowsuits, ski-suits, and children's coat sets. 340,833; Nov. 24; Serial No. 380,196; published Sept. 15, 1936. Class 39.
Fez America, Inc., New York, N. Y. Berets. 340,834; Nov. 24; Serial No. 372,408; published Aug. 18, 1936. Class 39.
Filatex Corporation, New York, N. Y. Elastic fabrics. 340,835; Nov. 24; Serial No. 379,515; published July 28, 1936. Class 42.
Filatex Corporation, New York, N. Y. Elastic yarn. 340,836; Nov. 24; Serial No. 379,516; published Aug. 4, 1936. Class 43.
Fishman, Benjamin, Philadelphia, Pa. Hosiery, sweaters, and gloves. 340,837; Nov. 24; Serial No. 367,856; published Aug. 11, 1936. Class 39.
5¢ Cup Inc. of New Jersey, The, Edgewater, N. J. Preserved food products. 340,838; Nov. 24; Serial No. 368,522; published Sept. 15, 1936. Class 46.

Florida Key Products, Miami, Fla. Mayonnaise. 340,839; Nov. 24; Serial No. 379,295; published Sept. 8, 1936. Class 46.
Foot form Shoe Shops, Inc., New York, N. Y. Shoes, moccasins, slippers, etc. 341,018; Nov. 24. Class 39.
Frantz, Charton C., doing business as Frantz Company, Pittsburgh, Pa. Bread. 340,840; Nov. 24; Serial No. 380,347; published Sept. 8, 1936. Class 46.
Fries & Fries, assignor, by mesne assignments, to Fries & Fries, Inc., Cincinnati, Ohio. Synthetic perfume-oils and concentrated flavors for manufacturing purposes. 114,633; renewed Dec. 26, 1936.
Frohlich, S. D., Inc., New York, N. Y. Hair nets. 340,841; Nov. 24; Serial No. 378,192; published Sept. 15, 1936. Class 42.
Funk Bros. Hat & Cap Co., St. Louis, Mo. Headwear. 340,842; Nov. 24; Serial No. 379,741; published Sept. 8, 1936. Class 39.
Fürstlich Fürstenbergische Brauerei Aktiengesellschaft. Donaueschingen, Germany. Beer. Serial No. 341,019; Nov. 24, 1936. Class 48.
General Shoe Corporation, Nashville, Tenn. Shoes. 340,843; Nov. 24; Serial No. 379,742; published Sept. 1, 1936. Class 39.
General Sugar Estates, Inc., New York, N. Y. Sugar. 340,844; Nov. 24; Serial No. 335,355; published Nov. 13, 1934. Class 46.
Gerber, Chas. A., New York, N. Y. Ladies' hat shapes and frames. 113,370; renewed Oct. 17, 1936.
Gilbert & Barker Manufacturing Company, West Springfield, Mass. Oil burners. 340,845; Nov. 24; Serial No. 378,140; published Sept. 15, 1936. Class 34.
Glazer, Max, doing business as Black Dallas Beer Company, Dallas, Tex. Beer. 340,846; Nov. 24; Serial No. 381,451; published Sept. 8, 1936. Class 48.
Glendale Fabrics, Inc., New York, N. Y. Textile fabrics. 340,847–8; Nov. 24; Serial No. 381,358–9; published Sept. 8, 1936. Class 42.
Glidden Company, The, doing business as Durkee Famous Foods, Cleveland, Ohio. Prepared coconut. 340,849; Nov. 24; Serial No. 381,868; published Sept. 15, 1936. Class 46.
Golden Brand Food Products Company. (See Levin, Harry M.)
Golding Bros. Co., Inc., New York, N. Y. Piece goods and textile fabrics. 340,850; Nov. 24; Serial No. 380,766; published Sept. 15, 1936. Class 50.
Goldstein, Benjamin, doing business as Lafayette Products Co., Brooklyn, N. Y. Cleaning preparation for hats. 340,851; Nov. 24; Serial No. 375,550; published Sept. 15, 1936. Class 4.
Grant, W. T., Company, New York, N. Y. Manicure implements. 340,852; Nov. 24; Serial No. 377,507; published Sept. 15, 1936. Class 44.
Grant, W. T., Company, New York, N. Y. Hose supporters, roll on garters, adjustable garters, etc. 340,853; Nov. 24; Serial No. 380,149; published Sept. 1, 1936. Class 39.
Green & Green, Inc., Houston, Tex. Beverages, and syrups, extracts, concentrates, and flavors used in making the same. 340,854; Nov. 24; Serial No. 378,888; published Sept. 15, 1936. Class 45.
Haas, John I., Incorporated, Washington, D. C. Hops. 341,020–23; Nov. 24, 1936. Class 1.
Haffenreffer & Co., Inc., Boston, Mass. Ale. 340,855; Nov. 24; Serial No. 381,531; published Sept. 15, 1936. Class 48.
Hammondsport Vintage Corporation, Penn Yan, N. Y. Wines. 340,856; Nov. 24; Serial No. 379,297; published Sept. 15, 1936. Class 47.
Hat Corporation of America, Norwalk, Conn. Hats. 340,857; Nov. 24; Serial No. 380,870; published Sept. 15, 1936. Class 39.
Hawaiian Macadamia Nut Co. Ltd., Honolulu, Hawaii. Roasted and salted macadamia nuts. 340,858; Nov. 24; Serial No. 380,351; published Sept. 8, 1936. Class 46.
Heater Glove Corporation, Seattle, Wash. Gloves. 340,859; Nov. 24; Serial No. 376,583; published Aug. 4, 1936. Class 39.
Heidenberg, Jacob, doing business as Acme Mills Co., New York, N. Y. Curtains and draperies. 340,860; Nov. 24; Serial No. 380,768; published Sept. 8, 1936. Class 42.
Herold, Chester, San Jose, Calif. Shoes. 340,861; Nov. 24; Serial No. 379,962; published Aug. 18, 1936. Class 39.
Herron, Charles V., doing business as Charles V. Herron Company, Evansville, Ind. Canned foods for carnivorous animals. 340,862; Nov. 24; Serial No. 378,433; published Sept. 8, 1936. Class 46.
Hicks, H., & Son, Inc., New York, N. Y. Fresh fruits, nuts, confections. 340,863; Nov. 24; Serial No. 380,871; published Sept. 15, 1936. Class 46.
Hind & Harrison Plush Company, The, New York, N. Y. Woolen goods. 340,864; Nov. 24; Serial No. 371,594; published Sept. 8, 1936. Class 42.
Holme & Selfert. (See Selfert, E. M., Jr., Inc.)
Houston Packing Company, Houston, Tex. Butter. 340,865; Nov. 24; Serial No. 375,440; published Sept. 8, 1936. Class 46.
Howdy Bottling Company. (See Seven Up Bottling Company.)
Howdy 7-Up Bottling Company. (See Seven Up Bottling Company.)
Hudson, H. D., Manufacturing Company, Chicago, Ill. Machines for disseminating insecticidal dusts. 340,866; Nov. 24; Serial No. 380,204; published Sept. 15, 1936. Class 23.
Hunter Milling Company, The, doing business as Wellington Milling & Elevator Co., Wellington, Kans. Wheat flour. 340,867; Nov. 24; Serial No. 378,890; published Sept. 15, 1936. Class 46.
Illinois Testing Laboratories, Inc., Chicago, Ill. Instruments for measuring the rate of flow of air and other gases. 340,868; Nov. 24; Serial No. 380,281; published Sept. 15, 1936. Class 26.
Index Visible, Incorporated, New Haven, Conn., assignor by mesne assignments to Remington Rand Inc., Buffalo, N. Y. Indexes, files, record-cards, etc. 114,480; renewed Dec. 19, 1936.
Interlake Iron Corporation, Chicago, Ill. Cast iron paving tile. 340,869; Nov. 24; Serial No. 380,283; published Sept. 15, 1936. Class 14.
International Printing Ink Corporation, The, New York, N. Y. Coating lacquers, thinners, dispersed pigments. 340,870; Nov. 24; Serial No. 381,619; published Sept. 15, 1936. Class 16.
Jell-well Dessert Co. Ltd., Los Angeles, Calif. Dessert preparations. 340,871; Nov. 24; Serial No. 363,660; published Sept. 15, 1936. Class 46.
Jones, Milton R., Jackson, Miss., to C. A. Lacy, Bolton, Miss., successor. Liquid female-tonic and health-builder. 108,053; renewed Jan. 11, 1936.
Joyce, Tom, Inc., Indianapolis, Ind. Beverages, and syrups, extracts, and flavors used in making the same. 340,872; Nov. 24; Serial No. 381,315; published Sept. 8, 1936. Class 45.
Kempat Limited, London, England. Corsets, corselets, girdles, etc. 340,873; Nov. 24; Serial No. 379,302; published Aug. 11, 1936. Class 39.
Kress, S. H., and Company, New York, N. Y. Hosiery. 340,874; Nov. 24; Serial No. 380,995; published Sept. 8, 1936. Class 39.
Lacy, C. A. (See Jones, Milton R. R.)
Lafayette Products Co. (See Goldstein, Benjamin.)
Laidhold, Babette, doing business as Bano Novelty Company, New York, N. Y. Game. 340,875; Nov. 24; Serial No. 379,944; published Sept. 15, 1936. Class 22.
Lansburgh & Bro., doing business as Lansburgh's, Washington, D. C. Shoes. 340,876; Nov. 24; Serial No. 380,836; published Sept. 15, 1936. Class 39.
La Salle Hat Company, The, Philadelphia, Pa. Hats and caps. 340,877; Nov. 24; Serial No. 380,405; published Sept. 1, 1936. Class 39.
Laskin Brothers, Inc., Philadelphia, Pa. Bloomers, panties, vests, and brassières. 340,878; Nov. 24; Serial No. 364,510; published July 21, 1936. Class 39.
Levin, Harry M., doing business as Golden Brand Food Products Company, Philadelphia, Pa. Mayonnaise and salad dressing. 340,879; Nov. 24; Serial No. 348,988; published Sept. 15, 1936. Class 46.
Levy Rice Milling Company, Inc., New Orleans, La. Puffed rice. 340,880; Nov. 24; Serial No. 380,208; published Sept. 8, 1936. Class 46.
Levy, Sid, & Sons, San Francisco, Calif. Girdles. 340,881; Nov. 24; Serial No. 361,423; published Sept. 8, 1936. Class 39.
Lewel Mfg. Co., Inc., New York, N. Y. Foundation garments. 340,882; Nov. 24; Serial No. 379,808; published Aug. 18, 1936. Class 39.
Lewis Grocer Co., The, Lexington, Indianola, and Durant, Miss. Wheat flour. 340,883; Nov. 24; Serial No. 376,853; published Sept. 15, 1936. Class 46.
Lewis, Nat, Purses, Inc., New York, N. Y. Handbags, traveling bags, purses, and pocketbooks. 341,025; Nov. 24, 1936. Class 3.
Lignum Chemical Works, The, Brooklyn, N. Y. Granulated and processed wood flours and sawdust. 340,884; Nov. 24; Serial No. 380,648; published Sept. 15, 1936. Class 1.
Lincoln Electric Company, The, Cleveland, Ohio. Metallic welding electrodes. 340,885; Nov. 24; Serial No. 376,595; published June 2, 1936. Class 14.
Lippert Bros., New York, N. Y. Children's shoes and slippers. 340,886; Nov. 24; Serial No. 379,435; published Aug. 25, 1936. Class 39.
Lockfeld Victor Lamp Corp., New York, N. Y. Portable electric lamps. 340,887; Nov. 24; Serial No. 380,649; published Sept. 15, 1936. Class 21.
Loesch, Margaret, doing business as Mrs. Loesch, New York, N. Y. Prepared mustard. 340,888; Nov. 24; Serial No. 381,814; published Sept. 15, 1936. Class 46.
Lonza Elektrizitatswerke Und Chemische Fabriken Aktiengesellschaft. (See Elektrizitatswerk Lonza.)
Lorraine Manufacturing Company, Pawtucket, R. I., and New York, N. Y. Suits, coats, trousers, etc. 340,889; Nov. 24; Serial No. 378,258; published Aug. 25, 1936. Class 39.
Louangel Corporation, New York, N. Y. Brushless shaving cream in stick form. 340,890; Nov. 24; Serial No. 380,011; published Sept. 15, 1936. Class 4.
Lundquist, Frank A., doing business as Vegetrates Products Co., Denver, Colo. Vegetable concentrates. 340,891; Nov. 24; Serial No. 369,452; published Sept. 15, 1936. Class 46.

Lysle, J. C., Milling Co., The, Leavenworth, Kans. Wheat flour. 340,892; Nov. 24; Serial No. 380,654; published Sept. 15, 1936. Class 46.
MacMullen-Terhune Co., Rochelle Park, N. J. Fertilizer. 340,893; Nov. 24; Serial No. 368,301; published Sept. 15, 1936. Class 10.
MacPherson, Warren, Cambridge, Mass. Rubber aprons, rubber gloves, and rubberized rain-coats. 113,402; renewed Oct. 17, 1936.
Magnolia Metal Company, Elizabeth, N. J. Anti-friction metal. 340,894; Nov. 24; Serial No. 381,534; published Sept. 15, 1936. Class 14.
Mailliard & Schmiedell, doing business as Vittoria Importing Company, San Francisco, Calif. Prepared food products. 340,895; Nov. 24; Serial No. 381,501; published Sept. 8, 1936. Class 46.
Manteca Canning Company, Manteca, Calif. Canned tomato paste. 340,896; Nov. 24; Serial No. 380,998; published Sept. 15, 1936. Class 46.
Martha Mills Inc., New York, N. Y. Silk piece goods. 340,897; Nov. 24; Serial No. 380,780; published Sept. 15, 1936. Class 42.
Master Metal Products, Inc., Buffalo, N. Y. Sheet metal pull and ride-on toys. 340,898; Nov. 24; Serial No. 380,876; published Sept. 15, 1936. Class 22.
McEnroe, J. Patrick, doing business as The Show Bar, Forest Hills, N. Y. Furniture for restaurants, etc. 341,026; Nov. 24. Class 32.
Medical Soap Company, New Orleans, La. Germicidal soap. 340,899; Nov. 24; Serial No. 377,158; published July 28, 1936. Class 4.
Mediskin Company, The. (See Ansehl, Benjamin, Company, The.)
Messing Bakeries Incorporated, Brooklyn, N. Y. Muffins and biscuits. 340,900; Nov. 24; Serial No. 379,845; published Sept. 15, 1936. Class 46.
Mexican Medicine Co., Inc., Los Angeles, Calif. Lotion used in the treatment of cold sores, etc. 341,027; Nov. 24. Class 6.
Midwest Slipper Mfg., Co., Chicago, Ill. Shoes, slippers, and sport shoes. 340,901; Nov. 24; Serial No. 377,160; published Aug. 11, 1936. Class 39.
Molly-'es Doll Outfitters, Inc., Philadelphia, Pa. Women's blouses. 340,902; Nov. 24; Serial No. 380,293; published Sept. 15, 1936. Class 39.
Morris Shoe Co. Inc., New York, N. Y. Shoes. 340,903–4; Nov. 24; Serial No. 378,666–7 published August 11, 1936. Class 39.
Moulton, Bartley, Inc., St. Louis, Mo. Shoes. 340,905; Nov. 24; Serial No. 379,125; published Sept. 1, 1936. Class 39.
Mt. Vernon Watch Co. Inc., New York, N. Y. Watches and parts thereof, watch cases, etc. 341,024; Nov. 24. Class 27.
Mountain City Knitting Mills, Chattanooga, Tenn. Men's half hose. 340,906; Nov. 24; Serial No. 374,894; published March 31, 1936. Class 39.
Mulkey Salt Company, Detroit, Mich. Salt. 340,907; Nov. 24; Serial No. 379,755; published Sept. 15, 1936. Class 46.
Myles Salt Company, Ltd., New Orleans, La. Salt block for stock feed. 340,908; Nov. 24; Serial No. 380,069; published Sept. 15, 1936. Class 46.
Nathan, Henry, Chicago, Ill. Ready baked pie shells. 340,909; Nov. 24; Serial No. 380,294; published Sept. 8, 1936. Class 46.
Nathor Coffee Co., Inc., New York, N. Y. Coffee. 340,910; Nov. 24. Serial No. 375,972; published Sept. 15, 1936. Class 46.
National Carbon Company, Inc., New York, N. Y. Apparatus for flushing and cleansing cooling systems. 340,911; Nov. 24; Serial No. 380,016; published Sept. 15, 1936. Class 23.
National Licorice Company, Brooklyn, N. Y. Confectionery. 116,153; renewed Apr. 10, 1937.
Nehi, Inc., Columbus, Ga. Maltless beverages, and syrups and extracts for making the same. 340,912; Nov. 24; Serial No. 372,985; published Feb. 4, 1936. Class 45.
Newark Paraffine & Parchment Paper Co., Newark, N. J. Wrappers. 340,913; Nov. 24; Serial No. 379,389; published Sept. 15, 1936. Class 37.
New Departure Manufacturing Company, The, Bristol, Conn. Power units that embody an electric motor and transmission mechanism. 340,914; Nov. 24; Serial No. 360,935; published Sept. 15, 1936. Class 21.
New Departure Manufacturing Company, The, Bristol, Conn. Mechanical gearing. 340,915; Nov. 24; Serial No. 360,936; published Sept. 15, 1936. Class 23.
New Departure Manufacturing Company, The, Bristol, Conn. Power units which embody an electric motor and transmission mechanism. 340,916; Nov. 24; Serial No. 375,303; published Sept. 15, 1936; Class 21.
New Departure Manufacturing Company, The, Bristol, Conn. Mechanical gearing. 340,917; Nov. 24; Serial No. 375,304; published Sept. 15, 1936. Class 23.
New England Brewing Company, The, Hartford, Conn. Beer and ale. 340,918; Nov. 24; Serial No. 380,841; published Sept. 8, 1936. Class 48.
Nickelette, Inc., Melbourne, Fla. Sandwiches and cake. 340,919; Nov. 24; Serial No. 380,295; published Sept. 8, 1936. Class 46.
Northern Jobbing Company, The, Chicago, Ill., assignor to Northern Jobbing Company, St. Paul, Minn. Canned fruits, canned vegetables, canned pork and beans, etc. 113,784; renewed Oct. 31, 1936.
Northland Canning Co., Cokato, Minn. Canned corn. 340,920; Nov. 24; Serial No. 380,297; published Sept. 8, 1936. Class 46.
Norton Company, Worcester, Mass. Abrading, lapping, polishing, and grinding wheels. 340,921; Nov. 24; Serial No. 380,360; published Sept. 15, 1936. Class 4.
Nowak Milling Corporation, Buffalo, N. Y., assignor to Nowak Milling Corporation, Hammond, Ind. Horse, dairy, and poultry feed. 114,074; renewed Nov. 21, 1936.
Nye-Walt Company, Inc., Auburn, N. Y. Rugs and carpets. 341,028–30; Nov. 24. Class 42.
Occulta, Lyon, France. Corsets, corselets, girdles, etc. 340,922; Nov. 24; Serial No. 364,191; published Aug. 20, 1935. Class 39.
Ogus, Rabinovich & Ogus, Inc., New York. N. Y. Ladies' hats. 341,031; Nov. 24. Class 39.
Orange Smile Sirup Company, St. Louis, Mo. Beverage and syrups and extracts used in making same. 340,923; Nov. 24; Serial No. 380,659; published Sept. 8, 1936. Class 45.
Orchard Products Company, Chicago, Ill. True maple flavored syrup and true maple flavored dextrose sugar. 340,924; Nov. 24; Serial No. 378,853; published Sept. 8, 1936. Class 46.
Pacific Coast Brands, Ltd., San Francisco, Calif. Wines. 340,925; Nov. 24; Serial No. 372,526; published Sept. 15, 1936. Class 47.
Pacific Mills, Boston, Mass. Rayon piece goods. 340,926; Nov. 24; Serial No. 381,284; published Sept. 8, 1936. Class 42.
Patek & Co., San Francisco, Calif. Preparations for the removal of spots, stains, etc. 340,927; Nov. 24; Serial No. 379,634; published Sept. 15, 1936. Class 4.
Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Dresses, coats, hats, etc. 340,928; Nov. 24; Serial No. 374,091; published Sept. 8, 1936. Class 39.
Pennsylvania Rubber Company of America, Inc., Jeannette, Pa. Shuttlecocks. 340,929–30; Nov. 24; Serial Nos. 381,044–5; published Sept. 15, 1936. Class 22
Permatex Company, Inc., Brooklyn, N. Y. Polishes and cleaners. 340,931; Nov. 24; Serial No. 361,766; published Nov. 12, 1935. Class 16.
Philadelphia Quartz Company, Philadelphia, Pa. Silicate of soda, for adhesive purposes. 340,932; Nov. 24; Serial No. 379,205; published Sept. 8, 1936. Class 5.
Plymouth Wholesale Dry Goods Corporation, New York, N. Y. Shirts, pajamas, suits, etc. 340,933; Nov. 24; Serial No. 379,185; published Aug. 11, 1936; Class 39.
Plymouth Wholesale Dry Goods Corporation, New York, N. Y. Coats, suits, dresses, etc. 340,934; Nov. 24; Serial No. 379,530; published Aug. 18, 1936. Class 39.
Porizky, Sigman, Salt Lake City, Utah. Hats and caps. 340,935; Nov. 24; Serial No. 374,728; published Sept. 8, 1936. Class 39.
Post-Glover Electric Co., Cincinnati, Ohio. Electrical steel grid resistances, electrical motor starters, and electrical automatic transfer switches. 340,936; Nov. 24; Serial No. 379,637; published Sept. 15, 1936. Class 21.
Princeton, Incorporated, Watertown, Conn. Knitted textile fabrics. 340,937; Nov. 24; Serial No. 381,005; published Sept. 15, 1936. Class 42.
O. D. A. Laboratories. (See Strassner, Michael J.)
Randolph Marketing Co., Inc., Los Angeles, Calif. Fresh citrus fruit, fresh vegetables and melons. 340,938; Nov. 24; Serial No. 380,409; published Sept. 15, 1936. Class 46.
Real Form Girdle Company. (See Dorfman, Meyer.)
Reese, Wm., Drug Company, The, Comanche, Tex. Medicinal preparation. 341,033; Nov. 24. Class 6.
Regan Brothers Company, Minneapolis, Minn. Bread. 340,939; Nov. 24; Serial No. 380,410; published Sept. 15, 1936. Class 46.
Reis, Robert, & Company, New York, N. Y. Women's and children's woven undergarments. 340,940; Nov. 24; Serial No. 364,735; published Aug. 13, 1935. Class 39.
Reis, Robert, & Co., New York, N. Y. Wearing apparel and furnishings. 340,941; Nov. 24; Serial No. 379,055; published Aug. 11, 1936. Class 39.
Reliance Manufacturing Company, doing business as The Sterling Company, Chicago, Ill. Ladies' dresses. 340,942; Nov. 24; Serial No. 380,362; published Sept. 15, 1936. Class 39.
Remington Rand Inc. (See Index Visible, Incorporated, assignor.)
Reusch, Henry C., & Co., Inc. (See Delpark, Inc., assignor.)
Reyburn Manufacturing Company, The, Philadelphia, Pa. Paper napkins. 340,943; Nov. 24; Serial No. 379,013; published Sept. 15, 1936. Class 37.
Rival Shoe Company, Inc., New York, N. Y. Shoes. 340,944; Nov. 24; Serial No. 377,603; published Sept. 1, 1936. Class 39.
Rock-Ola Manufacturing Corporation, Chicago, Ill. Coin controlled amusement apparatus. 340,945; Nov. 24; Serial No. 369,242; published Oct. 15, 1935. Class 22.
Rockwell Products Company, Hartford, Conn. Power brakes for automobiles. 340,946; Nov. 24; Serial No. 378,096; published Sept. 15, 1936. Class 19.
Rogers, Louise, Inc., Larchmont, N. Y. Hair salves, hair elixers, dandruff preparations, etc. 340,947; Nov. 24; Serial No. 376,409; published May 26, 1936. Class 6.
Rogers Peet Company, New York, N. Y. Boys' clothing. 341,032; Nov. 24. Class 39.

Rosenau Bros. Inc., Philadelphia, Pa. Children's wear. 340,948; Nov. 24; Serial No. 338,795; published Sept. 15, 1936. Class 39.
Rosenberg & Mancik, New York, N. Y. Ladies' hats. 340,949; Nov. 24; Serial No. 378,709; published Sept. 8, 1936. Class 39.
Roth Fabrics Corporation, New York, N. Y. Silk and artificial silk fabrics. 340,950; Nov. 24; Serial No. 380,226; published Sept. 15, 1936. Class 42.
Roth Fabrics Corporation, New York, N. Y. Silk and artificial silk fabrics. 340,951; Nov. 24; Serial No. 381,582; published Sept. 15, 1936. Class 42.
Royal Worcester Corset Company, Worcester, Mass. Corsets, corselets, girdles, etc. 340,952; Nov. 24; Serial No. 380,670; published Sept. 1, 1936. Class 39.
Royce Chemical Company, Carlton Hill, N. J. Saponaceous compounds, shaving cream, shaving sticks, etc. 340,953; Nov. 24; Serial No. 380,924; published Sept. 15, 1936. Class 4.
Royce Chemical Company, Carlton Hill, N. J. General cleaning and scouring compound. 340,954; Nov. 24; Serial No. 381,819; published Sept. 15, 1936. Class 4.
Russell, W. C., Moccasin Company, The, Berlin, Wis. Boots. 340,955; Nov. 24; Serial No. 378,640; published Aug. 11, 1936. Class 39.
Salt Lake Knitting Works, Salt Lake City, Utah. Men's under shirts, union suits, and underwear. 340,956; Nov. 24; Serial No. 380,461; published Sept. 15, 1936. Class 39.
Salt Lake Knitting Works, Salt Lake City, Utah. Underwear union suits. 340,957; Nov. 24; Serial No. 380,462; published Sept. 15, 1936. Class 39.
Samuels, Irving, New York, N. Y. Hats and caps. 340,958; Nov. 24; Serial No. 379,589; published Sept. 1, 1936. Class 39.
Santos South American Maté Co., Los Angeles, Calif. Beverages and soft drink concentrates. 340,959; Nov. 24; Serial No. 381,223; published Sept. 8, 1936. Class 45.
Sapolin Co. Inc., New York, N. Y. Paints, paint enamels, varnishes, etc. 340,960; Nov. 24; Serial No. 381,050; published Sept. 15, 1936. Class 16.
Schaller, Carleton, & Co., Inc., New York, N. Y. Warranted pure linen. 341,015; Nov. 24. Class 42.
Scheft, H., Company, Boston, Mass. Slippers, shoes, and sandals, etc. 340,961; Nov. 24; Serial No. 379,485; published Aug. 11, 1936. Class 39.
Scher & Feldman. (See Feldman, Joseph.)
Schermerhorn Bros. Co., Chicago, Ill. Twine, rope, string, and cordage. 340,962; Nov. 24; Serial No. 381,086; published Sept. 15, 1936. Class 7.
Schloss Bros. & Co., Inc., Baltimore, Md. Suits, coats, raincoats, etc. 340,963; Nov. 24; Serial No. 380,673; published Sept. 15, 1936. Class 39.
Schneierson, I., & Sons, Inc., New York, N. Y. Chemises, princess slips, bloomers, etc. 341,034; Nov. 24. Class 39.
Scholl Manufacturing Company, The, to The Scholl Mfg. Co., Inc., Chicago, Ill., successor. Medical and surgical appliances. 111,976; renewed Aug. 15, 1936.
Sears, Roebuck and Co., Chicago, Ill. House cleaning devices. 340,964; Nov. 24; Serial No. 379,263; published Sept. 15, 1936. Class 29.
Seattle Woolen Co., Seattle, Wash. Pants, breeches, jackets, etc. 340,965; Nov. 24; Serial No. 378,416; published Sept. 15, 1936. Class 39.
Seifert, E. M., Jr., Inc., doing business as Holme & Seifert, Salinas, Calif. Fresh vegetables. 340,966; Nov. 24; Serial No. 372,340; published Sept. 8, 1936. Class 46.
Seven Up Bottling Company, doing business as Howdy Bottling Company and Howdy 7-Up Bottling Company, St. Louis, Mo. Beverages and for syrups, extracts, and flavors used in making the same. 340,967; Nov. 24; Serial No. 376,549; published Sept. 15, 1936. Class 45.
Seymour-Avery Manufacturing Company, Chicago, Ill. Ladies' and children's slips. 340,968; Nov. 24; Serial No. 377,527; published Sept. 15, 1936. Class 39.
Shapiro, Samuel, New York, N. Y. Leather for shoes and bags. 341,035; Nov. 24. Class 1.
Shellabarger Grain Products Company, Decatur, Ill. Bread and soybean grits and kernels. 340,969; Nov. 24; Serial No. 380,227; published Sept. 8, 1936. Class 46.
Shen Manufacturing Co., Philadelphia, Pa. Dish cloths made of knitted and woven fabrics. 340,970; Nov. 24; Serial No. 380,312; published Sept. 15, 1936. Class 42.
Show Bar, The. (See McEnroe, J. Patrick.)
Siegel Bros. Kiki Maid Koats Inc., New York, N. Y. Piece goods of wool, cotton, etc. 340,971; Nov. 24; Serial No. 376,609; published May 26, 1936. Class 42.
Siegel Bros. Kiki Maid Koats Inc., New York, N. Y. Piece goods. 340,972; Nov. 24; Serial No. 380,800; published Sept. 15, 1936. Class 42.
Siegel, D., Co., New York, N. Y. Suits, sport coats, riding breeches, etc. 340,973; Nov. 24; Serial No. 380,720; published Sept. 15, 1936. Class 39.
Silverman & Grean, Inc., New York, N. Y. Furs, skins, and pelts. 340,974; Nov. 24; Serial No. 380,366; published Sept. 15, 1936. Class 1.
Simone Company, Inc., The, New York, N. Y. Boudoir caps and sleeping caps. 341,036; Nov. 24. Class 39.
Sociedad Anonima Auxiliar Fabril, Agricola & Comercial, Buenos Aires, Argentina. Yerba mate. 340,975; Nov. 24; Serial No. 369,209; published Sept. 15, 1936. Class 46.
Sokolsky, Elik, New York, N. Y. Sheets and pillowcases, linen finish. 340,976; Nov. 24; Serial No. 380,804; published Sept. 8, 1936. Class 42.
Solebury Agricultural Lime Co., New Hope, Pa. Combined magnesium and calcium. 340,977; Nov. 24; Serial No. 381,090; published Sept. 15, 1936. Class 10.
Spearman Brewing Company, The, Pensacola, Fla. Beer. 340,978; Nov. 24; Serial No. 381,326; published Sept. 8, 1936. Class 48.
Steinberger Bros. Glove Corporation, New York, N. Y. Gloves and mittens. 340,979; Nov. 24; Serial No. 378,808; published Aug. 11, 1936. Class 39.
Sterling Company, The. (See Reliance Manufacturing Company.)
Stetson, John B., Company, Philadelphia, Pa. Hats and caps. 340,980; Nov. 24; Serial No. 379,360; published Aug. 11, 1936. Class 39
Stetson, John B., Company, Philadelphia, Pa. Hats and caps. 340,981; Nov. 24; Serial No. 379,775; published Sept. 8, 1936. Class 39.
Stix-Altman-Weiner Inc., Norwood, Ohio. Shoes. 340,982; Nov. 24; Serial No. 379,575; published Sept. 1, 1936. Class 39.
Strand, Harry L., Brookline, Mass. Shoes. 340,983; Nov. 24; Serial No. 377,810; published Aug. 11, 1936. Class 39.
Strassner, Michael J., doing business as Q. D. A. Laboratories, Paterson, N. J. Dairy products. 340,984; Nov. 24; Serial No. 378,762; published Sept. 8, 1936. Class 46.
Syncro Devices Incorporated, Detroit, Mich. Electrically driven jig saws. 340,985; Nov. 24; Serial No. 379,155; published Sept. 15, 1936. Class 23.
Syracuse Brewery, Inc., Syracuse, N. Y. Ale. 340,986; Nov. 24; Serial No. 381,290; published Sept. 8, 1936. Class 48.
Traffic & Street Sign Company, Newark, N. J. Traffic and street signs. 341,037; Nov. 24. Class 50.
Tully, Henry J., & Company, New York, N. Y. Girdles, corsets, brassières, etc. 340,987; Nov. 24; Serial No. 379,323; published Sept. 8, 1936. Class 39.
Unexcelled Manufacturing Co., Inc., New York, N. Y. Firecrackers. 340,988; Nov. 24; Serial No. 381,858; published Sept. 15, 1936. Class 9.
Utah Canning Co., The, Ogden, Utah. Canned vegetables. 340,989; Nov. 24; Serial No. 381,237; published Sept. 8, 1936. Class 46.
Utica Radiator Corporation, Utica, N. Y. Steam and hot water radiators. 340,990; Nov. 24; Serial No. 379,023; published Sept. 15, 1936. Class 34.
Valen's Silklike Products. (See Valenzisi, Angelo.)
Valentine & Company, New York, N. Y. Lacquer. 340,991; Nov. 24; Serial No. 381,301; published Sept. 15, 1936. Class 16.
Valenzisi, Angelo, doing business as Valen's Silklike Products, Lynbrook, N. Y. Shaving cream. 340,992; Nov. 24; Serial No. 379,913; published Sept. 15, 1936. Class 4.
Van Raalte Company, New York, N. Y. Gloves. 340,993–4; Nov. 24; Serial Nos. 379,539–40; published Aug. 11, 1936. Class 39.
Van Vleet Glove Co., Inc., Gloversville, N. Y. Gloves. 340,995; Nov. 24; Serial No. 380,244; published Aug. 18, 1936. Class 39.
Vegetrates Products Co. (See Lundquist, Frank A.)
Victorius, M. L., & Co., Inc., New York, N. Y. Hosiery. 341,038; Nov. 24. Class 39.
Viscose Company, The, Marcus Hook, Pa. Synthetic yarn. 340,996; Nov. 24; Serial No. 381,055; published Sept. 15, 1936. Class 43.
Vittoria Importing Company. (See Mailliard & Schmiedell.)
Wagner Brewing Company, Miami, Fla. Ale. 340,997; Nov. 24; Serial No. 380,811; published Sept. 8, 1936. Class 48.
Wallock Brands, Inc., Albany, N. Y. Pretzel sticks, pickled herrings put up in jars, pretzelettes, etc. 340,998; Nov. 24; Serial No. 375,066; published Sept. 15, 1936. Class 46.
Walther, John L., New York, N. Y. Woolen, worsted, camel's hair, etc., piece goods. 340,999; Nov. 24; Serial No. 381,011; published Sept. 15, 1936. Class 42.
Waterbury Tool Company, The, Waterbury, Conn. Valves, valve manifolds, control sets. 341,000; Nov. 24; Serial No. 378,872; published Sept. 15, 1936. Class 23.
Weber & Heilbroner, Inc., New York, N. Y. Hats, caps, suits, etc. 341,001; Nov. 24; Serial No. 378,464; published Aug. 11, 1936. Class 39.
Wellington Milling & Elevator Co. (See Hunter Milling Company, The.)
West Coast Soap Company, Oakland, Calif. Soap powder. 341,002; Nov. 24; Serial No. 381,241; published Sept. 15, 1936. Class 4.
West Disinfecting Company, Long Island City, N. Y. Preservative, in the nature of a paint or varnish. 341,003; Nov. 24; Serial No. 380,372; published Sept. 15, 1936. Class 16.
Weyenberg Shoe Mfg. Co., Milwaukee, Wis. Men's leather shoes. 341,004; Nov. 24; Serial No. 380,246; published Sept. 8, 1936. Class 39.

Wherry, Dale J., doing business as Wherry Engineering Company, Des Moines, Iowa. Stabilizer and cushion for reciprocating pistons. 341,039; Nov. 24. Class 23.
Wilbar's, Inc., Boston, Mass. Ladies' shoes. 341,040; Nov. 24. Class 39.
Williams Gold Refining Co., Inc., The, Buffalo, N. Y. Casting metals used in dentistry. 341,005; Nov. 24; Serial No. 380,897; published Sept. 15, 1936. Class 44.
Williams, J. B., Company, The, Glastonbury, Conn. Tooth-powder, face-powder, dental cream, etc. 113,535; renewed Oct. 17, 1936.
Williams, J. B., Company, The, Glastonbury, Conn. Shaving and toilet soaps. 115,131; renewed Jan. 23, 1937.
Wilson Fastener Company, The, Cleveland, Ohio. Snap-fasteners. 114,606; renewed Dec. 19, 1936.
Wohl Shoe Company, St. Louis, Mo. Shoes. 341,006; Nov. 24; Serial No. 375,111; published Sept. 1, 1936. Class 39.
Wurlitzer, Rudolph, Company, The, Cincinnati, Ohio. Grands, upright pianos, piano players, etc. 341,041; Nov. 24. Class 36.

LIST OF REGISTRANTS OF LABELS

Amalgamated Clothing Workers of America, New York, N. Y. Union Made Clothing. For Clothing. 48,404; Nov. 24.
Amalgamated Clothing Workers of America, New York, N. Y. Union Made-Shirt and Undergarment. For Shirts and Undergarments. 48,405; Nov. 24.
Archer, P. D., Kansas City, Mo. Rainbo Bread. For Bread. 48,406–7; Nov. 24.
Beck, C. O., Kansas City, Mo. Colonial Bread. For Bread. 48,408; Nov. 24.
Borzoi Laboratories, Incorporated, Newark, N. J. Murjana. For Cosmesis Skin Cream. 48,409; Nov. 24.
Cobleskill Milling Company, Inc., The, Cobleskill, N. Y. Kaple. For Self Rising Pancake and Waffle Flour. 48,410; Nov. 24.
Cobleskill Milling Company, Inc., The, Cobleskill, N. Y. Kaple. For Self-Rising Buckwheat and Wheat Pancake Flour. 48,411; Nov. 24.
Cosmola Chemical Company, Cleveland, Ohio. Star Hat Body Rebuilder. For a Preparation for Hat Bodies and Giving the Hat New Life and a Velvety Finish. 48,412; Nov. 24.
Davison Chemical Corporation, The, Baltimore, Md. Davco. For Fertilizer. 48,413; Nov. 24.
Doco Grain Co. (See Doughnut Corporation of America.)
Doughnut Corporation of America, doing business as Doco Grain Co., Ellicott City, Md. Beterkake. For a Prepared Gingerbread Mix. 48,414; Nov. 24.
Faydon Laboratories, Syracuse, N. Y. Tip-Top Insecticide. For an Insecticide. 48,415; Nov. 24.
Fort Howard Paper Company, Green Bay, Wis. Hy-Tex. For Toilet Tissue. 48,416; Nov. 24.
Garber, A. L., Company, The, Ashland, Ohio. "Kady-Ohio" Braces. For Braces. 48,417; Nov. 24.
Good Foods, Inc., Tampa, Fla. Kan-A-Good. For Canned Grapefruit. 48,418; Nov. 24.
Hamersley Manufacturing Company, The, Garfield, N. J. Hamersley's Triangle Box Waxed Paper Keeps Refrigerator Sweet, Gives Double Life to Food. For Waxed Paper. 48,419; Nov. 24.
Harvey, E. C., doing business as Pacific Gum Company, San Francisco, Calif. Breath O'Clove Gum. For Chewing Gum. 48,420; Nov. 24.
Harvey, E. C., doing business as Pacific Gum Company, San Francisco, Calif. Clovelets Breath Gum. For Chewing Gum. 48,421; Nov. 24.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Rural Gold Sliced Yellow Cling Peaches. For Sliced Yellow Cling Peaches. 48,422; Nov. 24.
James & Harwell, Inc., Houston, Tex. Uncle Ben's Plantation Rice. For Rice. 48,423; Nov. 24.
Jans, Peter N., Evanston, Ill. Pride of Dairy States Sweet Cream Butter. For Butter. 48,424; Nov. 24.
Klean-All Chemical Co., New York, N. Y. Klean-All. For Washing Fluid. 48,425; Nov. 24.
Martin, Albert, New York, N. Y. Albert Martin's Prize-Winning Cocktails. For Alcoholic Cocktails. 48,426; Nov. 24.
Pacific Gum Company. (See Harvey, E. C.)
Page Coffee Mills, Inc., St. Joseph, Mo. Chillo. For a Preparation for Making Genuine Mexican Chilli and Tamales. 48,427; Nov. 24.
Phillips Pure Oil Co., Newkirk, Okla. Lubricates to the Last Drop. A. Phillips Pure Oil. For Lubricating Oil. 48,428; Nov. 24.
Schilling, A., & Company, San Francisco, Calif. Savor Salt Seasoning. For Savor Salt Seasoning. 48,429; Nov. 24.
Schilling, A., & Company, San Francisco, Calif. Chili Pepper. For Chili Pepper. 48,430; Nov. 24.
Scholl Mfg. Co., Inc., The, Chicago, Ill. Dr. Scholl's Kurotex Corn Plasters. For Corn Plasters. 48,431; Nov. 24.
Scholl Mfg. Co., Inc., The, Chicago, Ill. Dr. Scholl's Presto Corn Pads. For Corn Pads. 48,432; Nov. 24.
Scholl Mfg. Co., Inc., The, Chicago, Ill. Dr. Scholl's Felt Bunion Pads. For Bunion Pads. 48,433; Nov. 24.
Scholl Mfg. Co., Inc., The, Chicago, Ill. Dr. Scholl's Adhestite Felt Corn Pads. For Corn Pads. 48,434; Nov. 24.
Scholl Mfg. Co., Inc., The, Chicago, Ill. Dr. Scholl's Adhestite Felt Bunion Pads. For Bunion Pads. 48,435; Nov. 24.
Scholl Mfg. Co., Inc., The, Chicago, Ill. Dr. Scholl's Flesh Color Moleskin. For Moleskin. 48,436; Nov. 24.
Scholl Mfg. Co., Inc., The, Chicago, Ill. Dr. Scholl's Soft Felt Chiropodist Bunion Pads. For Bunion Pads. 48,437; Nov. 24.
Scholl Mfg. Co., Inc., The, Chicago, Ill. Dr. Scholl's Soft Felt Chiropodist Callous Pads. For Callous Pads. 48,438; Nov. 24.
Scholl Mfg. Co., Inc., The, Chicago, Ill. Dr. Scholl's Waterproof Borolin Bandages. For Borolin Bandages. 48,439; Nov. 24.
Schulze Baking Company, Kansas City, Mo. Dolly Madison. For Chocolate Covered Doughnuts. 48,440; Nov. 24.
Scelbach, Maude, doing business as Some Products Company, Chicago, Ill. Some. For Toilet Bowl Cleaner. 48,441; Nov. 24.
Some products Company. (See Scelbach, Maude.)
Storz Brewing Company, Omaha, Nebr. Storz Winterbru. For Beer. 48,442; Nov. 24.
Thorobread Company, The, Cincinnati, Ohio. Cincy Dog Food. For Dog Food. 48,443; Nov. 24.
Thorobread Company, The, Cincinnati, Ohio. Trophy Dog Food. For Dog Food. 48,444; Nov. 24.
Villarreal, C. G., Calexico, Calif. Tonic. Cruzazul. For a Tonic Used as a Reconstructive and Expectorant. 48,445; Nov. 24.

LIST OF REGISTRANTS OF PRINTS

Budd, Edward G., Manufacturing Company, Detroit, Mich. Budd Door Repair Panels. For Door Repair Panels. 15,925; Nov. 24.
Gaillord, Thomas, & Reynolds, Inc., New York, N. Y. Top O' the World. For Pelts. 15,926; Nov. 24.
General Mills, Inc., Minneapolis, Minn. Free While Supplies Last! at Grocers Where You See This Display. For Biscuit Flour. 15,927; Nov. 24.
Jack Rabbitt Company, Spartanburg, S. C. Giant Snap-Shots. For Snap-Shots. 15,928; Nov. 24.
Kolynos Company, The, New Haven, Conn. 2–37E. For Dental Cream. 15,929; Nov. 24.
Sunrise Brewing Company, Cleveland, Ohio. Golden Dawn. For Lager Beer. 15,930; Nov. 24.
True, Joseph M., Pittsburgh, Pa. Seeing is Believing with Our Lenses. For Lenses. 15,931; Nov. 24.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Furs, skins, and pelts. Silverman & Grean, Inc. 340,974; Nov. 24; Serial No. 380,366; published Sept. 15, 1936.
Hops. John I. Hass, Incorporated. 341,020–3; Nov. 24, 1936.
Leather. Amalgamated Leather Companies. 340,773; Nov. 24; Serial No. 380,539; published Sept. 15, 1936.
Leather for shoes and bags. S. Shapiro. 341,035; Nov. 24, 1936.
Limestone filler. W. D. Egleston. 340,825; Nov. 24; Serial No. 380,265; published Sept. 15, 1936.

Mineral powders, Fine. Champion Spark Plug Company. 340,806; Nov. 24; Serial No. 378,877; published Sept. 15, 1936.
Wood flours and sawdust, Granulated and processed. Lignum Chemical Works. 340,884; Nov. 24; Serial No. 380,648; published Sept. 15, 1936.

CLASS 2

Bags and sacks, Fabric. Bemis Bro. Bag Co. 340,788; Nov. 24; Serial No. 381,751; published Sept. 15, 1936.
Bags, Combination fabric and paper. Bemis Bro. Bag Co. 340,789; Nov. 24; Serial No. 381,752; published Sept. 15, 1936.

CLASS 3

Handbags, traveling bags, purses, and pocketbooks. Nat Lewis Purses, Inc. 341,025; Nov. 24, 1936.

CLASS 4

Abrading, lapping, polishing, and grinding wheels. Norton Company. 340,921; Nov. 24; Serial No. 380,360; published Sept. 15, 1936.
Cleaning and scouring compound, General. Royce Chemical Company. 340,954; Nov. 24; Serial No. 381,819; published Sept. 15, 1936.
Cleaning preparation for hats. B. Goldstein. 340,851; Nov. 24; Serial No. 375,550; published Sept. 15, 1936.
Cream in stick form, Brushless shaving. Louangel Corporation. 340,890; Nov. 24; Serial No. 380,011; published Sept. 15, 1936.
Cream, Shaving. A. Valenzisi. 340,992; Nov. 24; Serial No. 379,913; published Sept. 15, 1936.
Emery, Artificial. Elektrizitatswerk Lonza. 114,255; renewed Dec. 5, 1936.
Oil preparation. W. W. Ames. 340,779; Nov. 24; Serial No. 380,857; published Sept. 15, 1936.
Preparation for the removal of spots, stains, etc. Patek & Co. 340,927; Nov. 24; Serial No. 379,634; published Sept. 15, 1936.
Saponaceous compounds, shaving cream, shaving sticks, etc. Royce Chemical Company. 340,953; Nov. 24; Serial No. 380,924; published Sept. 15, 1936.
Soap. Dacar Products Company. 340,814; Nov. 24; Serial No. 354,894; published Sept. 15, 1936.
Soap and shaving cream. Benjamin Ansehl Company. 340,790; Nov. 24; Serial No. 381,442; published Sept. 15, 1936.
Soap, Germicidal. Medical Soap Company. 340,899; Nov. 24; Serial No. 377,158; published July 28, 1936.
Soap powder. West Coast Soap Company. 341,002; Nov. 24; Serial No. 381,241; published Sept. 15, 1936.
Soaps, Shaving and toilet. J. B. Williams Company. 115,131; renewed Jan. 23, 1937.

CLASS 5

Cement, Laboratory. Central Scientific Company. 340,805; Nov. 24; Serial No. 377,139; published Sept. 15, 1936.
Silicate of soda, for adhesive purposes. Philadelphia Quartz Company. 340,932; Nov. 24; Serial No. 379,205; published Sept. 8, 1936.

CLASS 6

Hair salves, hair elixers, dandruff preparations, etc. Louise Rogers, Inc. 340,947; Nov. 24; Serial No. 376,409; published May 26, 1936.
Lotion used in the treatment of cold sores, etc. Mexican Medicine Co. 341,027; Nov. 24.
Medicinal preparation. Wm. Reese Drug Company. 341,033; Nov. 24.
Perfume-oils and concentrated flavors for manufacturing purposes, Synthetic. Fries & Fries. 114,633; renewed Dec. 26, 1936.
Tonic and health-builder, Liquid female. M. R. R. Jones. 108,053; renewed Jan. 11, 1936.
Tooth-powder, face-powder, dental cream, etc. J. B. Williams Company. 113,535; renewed Oct. 17, 1936.

CLASS 7

Twine, rope, string, and cordage. Schermerhorn Bros. Co. 340,962; Nov. 24; Serial No. 381,086; published Sept. 15, 1936.

CLASS 8

Ash tray and coaster, Combination. Artleigh Products, Inc. 341,007; Nov. 24.

CLASS 9

Firecrackers. Unexcelled Manufacturing Co. 340,988; Nov. 24; Serial No. 381,858; published Sept. 15, 1936.

CLASS 10

Fertilizer. MacMullen-Terhume Co. 340,893; Nov. 24; Serial No. 368,301; published Sept. 15, 1936.
Magnesium and calcium, Combined. Solebury Agricultural Lime Co. 340,977; Nov. 24; Serial No. 381,090; published Sept. 15, 1936.

CLASS 14

Electrodes, Metallic welding. Lincoln Electric Company. 340,885; Nov. 24; Serial No. 376,595; published June 2, 1936.
Metal, Anti-friction. Magnolia Metal Company. 340,894; Nov. 24; Serial No. 381,534; published Sept. 15, 1936.
Steel bars, rods, billets, etc. Crucible Steel Company of America. 340,813; Nov. 24; Serial No. 375,199; published Sept. 15, 1936.
Tile, Cast iron paving. Interlake Iron Corporation. 340,869; Nov. 24; Serial No. 380,283; published Sept. 15, 1936.

CLASS 15

Polishes and cleaners. Permatex Company. 340,931; Nov. 24; Serial No. 361,766; published Nov. 12, 1935.

CLASS 16

Lacquer. Valentine & Company. 340,991; Nov. 24; Serial No. 381,301; published Sept. 15, 1936.
Lacquers, thinners, dispersed pigments, Coating. International Printing Ink Corporation. 340,870; Nov. 24; Serial No. 381,619; published Sept. 15, 1936.
Paints, paint enamels, varnishes, etc. Sapolin Co. Inc. 340,960; Nov. 24; Serial No. 381,050; published Sept. 15, 1936.
Preservative, In the nature of a paint or varnish. West Disinfecting Company. 341,003; Nov. 24; Serial No. 380,372; published Sept. 15, 1936.

CLASS 19

Brakes for automobiles, Power. Rockwell Products Company. 340,946; Nov. 24; Serial No. 378,096; published Sept. 15, 1936.

CLASS 21

Electric lamps, Portable. Lockfeld Victor Lamp Corp. 340,887; Nov. 24; Serial No. 380,649; published Sept. 15, 1936.
Electrical steel grid resistances, electrical motor starters, and electrical automatic transfer switches. Post-Glover Electric Co. 340,936; Nov. 24; Serial No. 379,637; published Sept. 15, 1936.
Power units that embody an electric motor and transmission mechanism. New Departure Manufacturing Company. 340,914; Nov. 24; Serial No. 360,935; published Sept. 15, 1936.
Power units which embody an electric motor and transmission mechanism. New Departure Manufacturing Company. 340,916; Nov. 24; Serial No. 375,303; published Sept. 15, 1936.
Shields, rods, and tubes, etc., Laminated phenolic. American Phenolic Corporation. 340,777; Nov. 24; Serial No. 373,942; published Sept. 15, 1936.

CLASS 22

Amusement apparatus, Coin controlled. Rock-Ola Manufacturing Corporation. 340,945; Nov. 24; Serial No. 269,242; published Oct. 15, 1935.
Dolls. American Character Doll Co. 340,775; Nov. 24; Serial No. 381,743; published Sept. 15, 1936.
Game. I. Laidhold. 340,875; Nov. 24; Serial No. 379,944; published Sept. 15, 1936.
Shuttlecocks. Pennsylvania Rubber Company of America, Inc. 340,929–30; Nov. 24; Serial No. 381,044–5; published Sept. 15, 1936.
Toys, Sheet metal pull and ride-on. Master Metal Products, Inc. 340,898; Nov. 24; Serial No. 380,876; published Sept. 15, 1936.

CLASS 23

Apparatus for flushing and cleansing cooling systems. National Carbon Company. 340,911; Nov. 24; Serial No. 380,016; published Sept. 15, 1936.
Gearing, Mechanical. New Departure Manufacturing Company. 340,915; Nov. 24; Serial No. 360,936; published Sept. 15, 1936.
Gearing, Mechanical. New Departure Manufacturing Company. 340,917; Nov. 24; Serial No. 375,304; published Sept. 15, 1936.
Machines for disseminating insecticidal dusts. H. D. Hudson Manufacturing Company. 340,866; Nov. 24; Serial No. 380,204; published Sept. 15, 1936.
Machines for processing, by comminuting or fragmentizing, various articles, such as meats, etc. American Laundry Machinery Company. 340,776; Nov. 24; Serial No. 376,655; published Sept. 15, 1936.
Saws, Electrically driven jig. Synero Devices Incorporated. 340,985; Nov. 24; Serial No. 379,155; published Sept. 15, 1936.
Stabilizer and cushion for reciprocating pistons. D. J. Wherry. 341,039; Nov. 24.
Valves, valve manifolds, control sets. Waterbury Tool Company. 341,000; Nov. 24; Serial No. 378,872; published Sept. 15, 1936.

CLASS 26

Cameras. American Photograph Corporation. 340,778; Nov. 24; Serial No. 367,227; published Sept. 15, 1936.
Instruments for measuring the rate of flow of air and other gases. Illinois Testing Laboratories, Inc. 340,868; Nov. 24; Serial No. 380,281; published Sept. 15, 1936.
Measuring and control instruments. Brown Instrument Company. 340,797; Nov. 24; Serial No. 373,097; published Feb. 18, 1936.

Switches, Thermostatically operated electric. Detroit Lubricator Company. 340,817; Nov. 24; Serial No. 374,235; published Sept. 15, 1936.

CLASS 27

Watches and parts thereof, watch cases, etc. Mt. Vernon Watch Co. Inc. 341,024; Nov. 24.

CLASS 29

Cleaning devices, House. Sears, Roebuck and Co. 340,964; Nov. 24; Serial No. 379,263; published Sept. 15, 1936.

CLASS 32

Furniture for restaurants, etc. J. P. McEnroe. 341,026; Nov. 24.

CLASS 34

Air conditioners, moisteners, and humidifiers. W. H. Fabry Manufacturing Company. 340,831; Nov. 24; Serial No. 379,696; published Sept. 15, 1936.
Burners, Oil. Gilbert & Barker Manufacturing Company. 340,845; Nov. 24; Serial No. 378,140; published Sept. 15, 1936.
Radiators, Steam and hot water. Utica Radiator Corporation. 340,990; Nov. 24; Serial No. 379,023; published Sept. 15, 1936.

CLASS 36

Grands, upright pianos, piano players, etc. Rudolph Wurlitzer Company. 341,041; Nov. 24.

CLASS 37

Envelopes, envelope windows, stencils, etc. Celluloid Corporation. 340,804; Nov. 24; Serial No. 380,694; published Sept. 15, 1936.

CLASS 37

Indexes, files, record-cards, etc. Index Visible, Incorporated. 114,480; renewed Dec. 19, 1936.
Napkins, Paper. Reyburn Manufacturing Company. 340,943; Nov. 24; Serial No. 379,013; published Sept. 15, 1936.
Paper. Brown Company. 340,795; Nov. 24; Serial No. 367,558; published Sept. 15, 1936.
Paper. Brown Company. 340,796; Nov. 24; Serial No. 367,888; published Sept. 15, 1936.
Paper, Gummed. Atlantic Gummed Paper Corporation. 340,784; Nov. 24; Serial No. 376,187; published Sept. 15, 1936.
Wrappers. Newark Paraffine & Parchment Paper Co. 340,913; Nov. 24; Serial No. 379,389; published Sept. 15, 1936.

CLASS 39

Apparel and furnishings, Wearing. Robert Reis & Co. 340,941; Nov. 24; Serial No. 379,055; published Aug. 11, 1936.
Aprons, rubber gloves, and rubberized rain-coats, Rubber. W. MacPherson. 113,402; renewed Oct. 17, 1936.
Berets. Fez America, Inc. 340,834; Nov. 24; Serial No. 372,408; published Aug. 18, 1936.
Bloomers, panties, brassières, etc. Continental Undergarment Co. 340,810; Nov. 24; Serial No. 379,604; published Sept. 8, 1936.
Bloomers, panties, vests, and brassières. Laskin Brothers, Inc. 340,878; Nov. 24. Serial No. 364,516; published July 21, 1936.
Blouses, Women's. Molly-'es Doll Outfitters, Inc. 340,902; Nov. 24; Serial No. 380,293; published Sept. 15, 1936.
Boots. W. C. Russell Moccasin Company. 340,955; Nov. 24. Serial No. 378,640; published Aug. 11, 1936.
Caps and sleeping caps, Boudoir. Simone Company, Inc. 341,036; Nov. 24.
Chemises, princess slips, bloomers, etc. I. Schneierson & Sons, Inc. 341,034; Nov. 24.
Clothing, Boys'. Rogers Peet Company. 341,032; Nov. 24.
Coats, Fur. Bein Bros. 340,787; Nov. 24; Serial No. 377,656; published Sept. 15, 1936.
Coats, suits, dresses, etc. Plymouth Wholesale Dry Goods Corporation. 340,934; Nov. 24; Serial No. 379,530; published Aug. 18, 1936.
Collars, cuffs, shirts, etc. Cluett, Peabody & Co. 340,809; Nov. 24; Serial No. 369,478; published Sept. 15, 1936.
Corsets and brassières. Artistic Foundations, Inc. 340,783; Nov. 24; Serial No. 378,920; published Aug. 11, 1936.
Corsets and girdles. M. Dorfman. 340,819; Nov. 24; Serial No. 379,473; published Sept. 1, 1936.
Corsets, brassières, underdrawers, etc. Arkwright Merchandising Corporation. 340,782; Nov. 24; Serial No. 379,285; published Sept. 8, 1936.
Corsets, corselets, girdles, etc. Kempat Limited. 340,873; Nov. 24; Serial No. 379,302; published Aug. 11, 1936.
Corsets, corselets, girdles, etc. Occulta. 340,922; Nov. 24; Serial No. 364,191; published Aug. 20, 1935.
Corsets, corselets, girdles, etc. Royal Worcester Corset Company. 340,952; Nov. 24; Serial No. 380,670; published Sept. 1, 1936.
Corsets, girdles, corselets, and brassières. De-An-Ay Shops, Inc. 340,816; Nov. 24; Serial No. 378,620; published Sept. 8, 1936.
Dresses, coats, hats, etc. J. C. Penney Company. 340,928; Nov. 24; Serial No. 374,091; published Sept. 8, 1936.
Dresses, Ladies'. Reliance Manufacturing Company. 340,942; Nov. 24; Serial No. 380,362; published Sept. 15, 1936.
Garments, Foundation. Lewel Mfg. Co. 340,882; Nov. 24; Serial No. 379,808; published Aug. 18, 1936.
Girdles. Sid Levy & Sons. 340,881; Nov. 24; Serial No. 361,423; published Sept. 8, 1936.
Girdles, corsets, brassières, etc. Henry J. Tully & Company. 340,987; Nov. 24; Serial No. 379,323; published Sept. 8, 1936.
Girdles, foundation garments, and brassières. Chevette, Inc. 340,808; Nov. 24; Serial No. 379,827; published Sept. 8, 1936.
Gloves. Heater Glove Corporation. 340,859; Nov. 24; Serial No. 376,583; published Aug. 4, 1936.
Gloves. Van Raalte Company. 340,993–4; Nov. 24; Serial No. 379,539–40; published Aug. 11, 1936.
Gloves. Van Vleet Glove Co. 340,995; Nov. 24; Serial No. 380,244; published Aug. 18, 1936.
Gloves and mittens. Steinberger Bros. Glove Corporation. 340,979; Nov. 24; Serial No. 378,808; published Aug. 11, 1936.
Gloves, Leather. Buscarlet Glove Company Inc. 340,799; Nov. 24; Serial No. 379,873; published Aug. 18, 1936.
Hat shapes and frames, Ladies'. Chas. A. Garber. 113,370; renewed Oct. 17, 1936.
Hats. Hat Corporation of America. 340,857; Nov. 24; Serial No. 380,870; published Sept. 15, 1936.
Hats and caps. La Salle Hat Company. 340,877; Nov. 24; Serial No. 380,405; published Sept. 1, 1936.
Hats and caps. S. Porizky. 340,935; Nov. 24; Serial No. 374,728; published Sept. 8, 1936.
Hats and caps. I. Samuels. 340,958; Nov. 24; Serial No. 379,589; published Sept. 1, 1936.
Hats and caps. John B. Stetson Company. 340,980; Nov. 24; Serial No. 379,360; published Aug. 11, 1936.
Hats and caps. John B. Stetson Company. 340,981; Nov. 24; Serial No. 379,775; published Sept. 8, 1936.
Hats, caps, suits, etc. Weber & Heilbroner, Inc. 341,001; Nov. 24; Serial No. 378,464; published Aug. 11, 1936.
Hats, Ladies'. I. Bernson. 340,791; Nov. 24; Serial No. 376,189; published Aug. 11, 1936.
Hats, Ladies'. Draper Hat Corporation. 340,822; Nov. 24; Serial No. 369,048; published Aug. 11, 1936.
Hats, Ladies'. Ogus, Rabinovich & Ogus, Inc. 341,031; Nov. 24.
Hats, Ladies'. Rosenberg & Mancik. 340,949; Nov. 24; Serial No. 378,709; published Sept. 8, 1936.
Hats, Women's. Elder and Johnston Company. 340,829; Nov. 24; Serial No. 379,694; published Aug. 18, 1936.
Headwear. Funk Bros. Hat & Cap Co. 340,842; Nov. 24; Serial No. 379,741; published Sept. 8, 1936.
Hose, Half. Mountain City Knitting Mills. 340,900; Nov. 24; Serial No. 374,894; published Mar. 31, 1936.
Hosiery. S. H. Kress and Company. 340,874; Nov. 24; Serial No. 380,995; published Sept. 8, 1936.
Hosiery. M. L. Victorius & Co. 341,038; Nov. 24.
Hosiery, sweaters, and gloves. B. Fishman. 340,837; Nov. 24; Serial No. 367,856; published Aug. 11, 1936.
Neckties. W. W. Brown. 341,013; Nov. 24.
Negligees, chemises, slips, etc. Addison Underwear Co. 340,771; Nov. 24; Serial No. 380,433; published Sept. 1, 1936.
Pants and snow suits. Cornblum Pants Manufacturing Company. 340,811; Nov. 24; Serial No. 360,000; published Sept. 15, 1936.
Pants, breeches, jackets, etc. Seattle Woolen Co. 340,965; Nov. 24; Serial No. 378,416; published Sept. 15, 1936.
Shirts, blouses, pajamas, etc. H. D. Bob Company. 341,012; Nov. 24.
Shirts, pajamas, suits, etc. Plymouth Wholesale Dry Goods Corporation. 340,933; Nov. 24; Serial No. 379,135; published Aug. 11, 1936.
Shirts, union suits, and underwear, Men's under. Salt Lake Knitting Works. 340,956; Nov. 24; Serial No. 380,461; published Sept. 15, 1936.
Shoes. Cannon Shoe Company. 340,800; Nov. 24; Serial No. 379,170; published Aug. 11, 1936.
Shoes. Cannon Shoe Company. 340,801–2; Nov. 24; Serial No. 379,602–3; published Aug. 11, 1936.
Shoes. Carson Pirie Scott & Company. 340,803; Nov. 24; Serial No. 379,876; published Sept. 8, 1936.
Shoes. Dyer's Ground Gripper Shoe Store, Inc. 340,823; Nov. 24; Serial No. 375,135; published Sept. 8, 1936.
Shoes. Elder and Johnston Company. 340,826; Nov. 24; Serial No. 379,552; published Aug. 11, 1936.
Shoes. Elder and Johnston Company. 340,827; Nov. 24; Serial No. 379,687; published Aug. 18, 1936.
Shoes. Elder and Johnston Company. 340,828; Nov. 24; Serial No. 379,693; published Aug. 18, 1936.
Shoes. Evangeline Shoe Mfg. Co. 340,830; Nov. 24; Serial No. 379,237; published Sept. 8, 1936.
Shoes. General Shoe Corporation. 340,843; Nov. 24; Serial No. 379,742; published Sept. 1, 1936.
Shoes. C. Herold. 340,861; Nov. 24; Serial No. 379,962; published Aug. 18, 1936.
Shoes. Lansburgh & Bro. 340,876; Nov. 24; Serial No. 380,836; published Sept. 15, 1936.
Shoes. Morris Shoe Co. Inc. 340,903–4; Nov. 24; Serial No. 378,666–7; published Aug. 11, 1936.

Shoes. Moulton, Bartley, Inc. 340,905; Nov. 24; Serial No. 379,125; published Sept. 1, 1936.
Shoes. Rival Shoe Company. 340,944; Nov. 24; Serial No. 377,603; published Sept. 1, 1936.
Shoes. Stix-Altman-Weiner Inc. 340,982; Nov. 24; Serial No. 379,575; published Sept. 1, 1936.
Shoes. H. L. Strand. 340,983; Nov. 24; Serial No. 377,810; published Aug. 11, 1936.
Shoes. Wohl Shoe Company. 341,006; Nov. 24; Serial No. 375,111; published Sept. 1, 1936.
Shoes and slippers, Children's. Lippert Bros. 340,886; Nov. 24; Serial No. 379,435; published Aug. 25, 1936.
Shoes, Ladies'. Wilbar's, Inc. 341,040; Nov. 24.
Shoes, Men's Leather. Weyenberg Shoe Mfg. Co. 341,004; Nov. 24; Serial No. 380,246; published Sept. 8, 1936.
Shoes, moccasins, slippers, etc. Foot Form Shoe Shops, Inc. 341,018; Nov. 24.
Shoes, slippers, and sport shoes. Midwest Slipper Mfg. Co. 340,901; Nov. 24; Serial No. 377,160; published Aug. 11, 1936.
Silk and artificial silk fabrics. Roth Fabrics Corporation. 340,950; Nov. 24; Serial No. 380,226; published Sept. 15, 1936.
Slippers, shoes, and sandals, etc. H. Scheft Company. 340,961; Nov. 24; Serial No. 379,485; published Aug. 11, 1936.
Slips, Ladies' and children's. Seymour-Avery Manufacturing Company. 340,968; Nov. 24; Serial No. 377,527; published Sept. 15, 1936.
Snowsuits, ski-suits, and children's coat sets. J. Feldman. 340,833; Nov. 24; Serial No. 380,196; published Sept. 15, 1936.
Suits. Baker Clothes Incorporated. 340,785; Nov. 24; Serial No. 380,815; published Sept. 15, 1936.
Suits, coats, raincoats, etc. Schloss Bros. & Co. 340,963; Nov. 24; Serial No. 380,673; published Sept. 15, 1936.
Suits, coats, trousers, etc. Lorraine Manufacturing Company. 340,889; Nov. 24; Serial No. 378,258; published Aug. 25, 1936.
Suits, sport coats, riding breeches, etc. D. Siegel Co. 340,973; Nov. 24; Serial No. 380,720; published Sept. 15, 1936.
Supporters, roll on garters, adjustable garters, etc., Hose. W. T. Grant Company. 340,853; Nov. 24; Serial No. 380,149; published Sept. 1, 1936.
Toes, Box. Dabis Box Toe Company. 340,815; Nov. 24; Serial No. 380,621; published Sept. 8, 1936.
Undergarments Ladies'. M. M. Bernstein & Sons, Inc. 341,011; Nov. 24.
Undergarments, Women's and children's. Robert Reis & Company. 340,940; Nov. 24; Serial No. 364,735; published Aug. 13, 1935.
Underwear, pajamas, nightgowns, and dresses, Ladies' rayon. Dutchess Underwear Corporation. 341,017; Nov. 24.
Underwear union suits. Salt Lake Knitting Works. 340,957; Nov. 24; Serial No. 380,462; published Sept. 15, 1936.
Underwear, union suits, and pajamas, Athletic. Delpark, Inc. 113,358; renewed Oct. 17, 1936.
Wear, Children's. Rosenau Bros. Inc. 340,948; Nov. 24; Serial No. 338,795; published Sept. 15, 1936.

CLASS 40

Snap-fasteners. Wilson Fastener Company. 114,606; renewed Dec. 19, 1936.

CLASS 42

Bedspreads. Bates Manufacturing Company. 340,786; Nov. 24; Serial No. 381,550; published Sept. 15, 1936.
Cellulose acetate and cotton fabrics. Fayen Corporation. 340,832; Nov. 24; Serial No. 381,155; published Sept. 15, 1936.
Cloth, Billiard. Brunswick-Balke-Collender Company. 341,014; Nov. 24.
Cloths made of knitted and woven fabrics, Dish. Shen Manufacturing Co. 340,970; Nov. 24; Serial No. 380,312; published Sept. 15, 1936.
Curtains and draperies. J .Heidenberg. 340,860; Nov. 24; Serial No. 380,768; published Sept. 8, 1936.
Elastic fabrics. Filatex Corporation. 340,835; Nov. 24; Serial No. 379,515; published July 28, 1936.
Fabrics, Knitted textile. Princeton, Incorporated. 340,937; Nov. 24; Serial No. 381,005; published Sept. 15, 1936.
Fabrics of cellulose derivatives. Celanese Corporation of America. 341,016; Nov. 24.
Hair nets. S. D. Frohlich, Inc. 340,841; Nov. 24; Serial No. 378,192; published Sept. 15, 1936.
Linen, Warranted pure. Carleton Schaller & Co. 341,015; Nov. 24.
Piece goods. Siegel Bros. Kiki Maid Koats Inc. 340,972; Nov. 24; Serial No. 380,800; published Sept. 15, 1936.
Piece goods of wool, cotton, etc. Siegel Bros. Kiki Maid Koats Inc. 340,971; Nov. 24; Serial No. 376,609; published May 26, 1936.
Rayon piece goods. Pacific Mills. 340,926; Nov. 24; Serial No. 381,284; published Sept. 8, 1936.
Rugs and carpets. Nye-Wait Company. 341,028–30; Nov. 24.
Sheets and pillowcases, linen finish. E. Sokolsky. 340,976; Nov. 24; Serial No. 380,804; published Sept 8, 1936.
Silk and artificial silk fabrics. Roth Fabrics Corporation. 340,951; Nov. 24; Serial No. 381,582; published Sept. 15, 1936.
Silk piece goods. Martha Mills Inc. 340,897; Nov. 24; Serial No. 380,780; published Sept. 15, 1936.
Textile fabrics. Glendale Fabrics, Inc. 340,847–8; Nov. 24; Serial Nos. 381,358–9; published Sept. 8, 1936.
Woolen goods. Hind & Harrison Plush Company. 340,864; Nov. 24; Serial No. 371,594; published Sept. 8, 1936.
Woolen piece goods. L. C. Chase & Co. 340,807; Nov. 24; Serial No. 381,446; published Sept. 8, 1936.
Woolen, worsted, camels hair, etc., piece goods. J. L. Walther. 340,999; Nov. 24; Serial No. 381,011; published Sept. 15, 1936.

CLASS 43

Yarn, Elastic. Filatex Corporation. 340,836; Nov. 24; Serial No. 379,516; published Aug. 4, 1936.
Yarn, Synthetic. Viscose Company. 340,996; Nov. 24; Serial No. 381,055; published Sept. 15, 1936.
Yarns and mixtures thereof, Cotton and rayon. Barnhardt Brothers. 341,010; Nov. 24.

CLASS 44

Manicure implements. W. T. Grant Company. 340,852; Nov. 24; Serial No. 377,507; published Sept. 15, 1936.
Medical and surgical appliances. Scholl Manufacturing Company. 111,976; renewed Aug. 15, 1936.
Metals used in dentistry, Casting. Williams Gold Refining Co. 341,005; Nov. 24; Serial No. 380,897; published Sept. 15, 1936.
Pads for massaging the body. Drackett Company. 340,821; Nov. 24; Serial No. 378,780; published Sept. 15, 1936.
Screens or plates for use in connection with the reading or viewing of X-ray films or X-ray plates. Semon Bache & Company. 341,009; Nov. 24.

CLASS 45

Beverage and syrups and extracts used in making same. Orange Smile Sirup Company. 340,923; Nov. 24; Serial No. 380,659; published Sept. 8, 1936.
Beverages and for syrups, extracts, and flavors used in making the same. Seven Up Bottling Company. 340,967; Nov. 24; Serial No. 376,549; published Sept. 15, 1936.
Beverages and soft drink concentrates. Santos South American Maté Co. 340,959; Nov. 24; Serial No. 381,223; published Sept. 8, 1936.
Beverages and syrups and extracts for making the same. F. L. Douglas. 340,820; Nov. 24; Serial No. 380,393; published Sept. 15, 1936.
Beverages and syrups and extracts for making the same, Maltless. Nehl, Inc. 340,912; Nov. 24; Serial No. 372,985; published Feb. 4, 1936.
Beverages, and syrups, extracts, and flavors used in making the same. Tom Joyce, Inc. 340,872; Nov. 24; Serial No. 381,315; published Sept. 8, 1936.
Beverages, and syrups, extracts, concentrates, and flavors used in making the same. Green & Green, Inc. 340,854; Nov. 24; Serial No. 378,888; published Sept. 15, 1936.

CLASS 46

Bitters for food flavoring purposes. Angostura Bitters (Dr. J. G. B. Siegert & Sons) Limited. 340,780; Nov. 24; Serial No. 371,010; published Aug. 25, 1936.
Bread. Aster Corona Corporation. 341,008; Nov. 24.
Bread. C. C. Frantz. 340,840; Nov. 24; Serial No. 380,347; published Sept. 8, 1936.
Bread. Regan Brothers Company. 340,939; Nov. 24; Serial No. 380,410; published Sept. 15, 1936.
Bread and soybean grits and kernels. Shellabarger Grain Products Company. 340,969; Nov. 24; Serial No. 380,227; published Sept. 8, 1936.
Butter. Houston Packing Company. 340,865; Nov. 24; Serial No. 375,440; published Sept. 8, 1936.
Candy. Brock Candy Company. 340,794; Nov. 24; Serial No. 375,841; published May 12, 1936.
Candy. Bunte Brothers. 340,798; Nov. 24; Serial No. 380,619; published Sept. 8, 1936.
Canned corn. Northland Canning Co. 340,920; Nov. 24; Serial No. 380,297; published Sept. 8, 1936.
Canned foods for carnivorous animals. C. V. Herron. 340,862; Nov. 24; Serial No. 378,433; published Sept. 8, 1936.
Canned fruits, canned vegetables, canned pork and beans, etc. Northern Jobbing Company. 113,784; renewed Oct. 31, 1936.
Canned tomato paste. Manteca Canning Company. 340,896; Nov. 24; Serial No. 380,998; published Sept. 15, 1936.
Canned vegetables. Bridgewater Plow Corporation. 340,793; Nov. 24; Serial No. 380,985; published Sept. 15, 1936.
Canned vegetables. Utah Canning Co. 340,989; Nov. 24; Serial No. 381,237; published Sept. 8, 1936.
Coconut, Prepared. Glidden Company. 340,849; Nov. 24; Serial No. 381,868; published Sept. 15, 1936.
Coffee. Nathor Coffee Co. 340,910; Nov. 24; Serial No. 375,972; published Sept. 15, 1936.

Concentrated product for use in mixing with grains, mill feed, etc. Dixie Mills Company. 340,818; Nov. 24; Serial No. 379,737; published Sept. 15, 1936.
Confectionery. National Licorice Company. 116,153; renewed Apr. 10, 1937.
Dairy products. M. J. Strassner. 340,984; Nov. 24; Serial No. 378,762; published Sept. 8, 1936.
Dessert preparations. Jell-Well Dessert Co. Ltd. 340,871; Nov. 24; Serial No. 363,660; published Sept. 15, 1936.
Feed, Horse, dairy, and poultry. Nowak Milling Corporation. 114,074; renewed Nov. 21, 1936.
Flour, Wheat. Hunter Milling Company. 340,867; Nov. 24; Serial No. 378,890; published Sept. 15, 1936.
Flour, Wheat. Lewis Grocer Co. 340,883; Nov. 24; Serial No. 376,853; published Sept. 15, 1936.
Flour, Wheat. J. C. Lysle Milling Co. 340,892; Nov. 24; Serial No. 380,654; published Sept. 15, 1936.
Food products, Prepared. Mailliard & Schmiedell. 340,895; Nov. 24; Serial No. 381,501; published Sept. 8, 1936.
Food products, Preserved. 5¢ Cup Inc. of New Jersey. 340,838; Nov. 24; Serial No. 368,522; published Sept. 15, 1936.
Fruit, Fresh citrus. Corona Citrus Association. 340,812; Nov. 24; Serial No. 381,756; published Sept. 15, 1936.
Fruit, fresh vegetables and melons, Fresh citrus. Randolph Marketing Co. 340,938; Nov. 24; Serial No. 380,409; published Sept. 15, 1936.
Fruits, nuts, confections, Fresh. H. Hicks & Son, Inc. 340,863; Nov. 24; Serial No. 380,871; published Sept. 15, 1936.
Mayonnaise. Florida Key Products. 340,839; Nov. 24; Serial No. 379,295; published Sept. 8, 1936.
Mayonnaise and salad dressing. H. M. Levin. 340,879; Nov. 24; Serial No. 348,988; published Sept. 15, 1936.
Muffins and biscuits. Messing Bakeries Incorporated. 340,900; Nov. 24; Serial No. 379,845; published Sept. 15, 1936.
Mustard, Prepared. M. Loesch. 340,888; Nov. 24; Serial No. 381,814; published Sept. 15, 1936.
Nuts, Roasted and salted macadamia. Hawaiian Macadamia Nut Co. Ltd. 340,858; Nov. 24; Serial No. 380,351; published Sept. 8, 1936.
Oranges, Fresh. Eadington Fruit Company. 340,824; Nov. 24; Serial No. 380,987; published Sept. 15, 1936.
Pie shells, Ready baked. H. Nathan. 340,909; Nov. 24; Serial No. 380,294; published Sept. 8, 1936.
Pretzel sticks, pickled herrings put up in jars, pretzelettes, etc. Wallock Brands, Inc. 340,998; Nov. 24; Serial No. 375,066; published Sept. 15, 1936.
Rice, Puffed. Levy Rice Milling Company. 340,880; Nov. 24; Serial No. 380,208; published Sept. 8, 1936.
Salt. Mulkey Salt Company. 340,907; Nov. 24; Serial No. 379,755; published Sept. 15, 1936.
Salt block for stock feed. Myles Salt Company. 340,908; Nov. 24; Serial No. 380,069; published Sept. 15, 1936.
Sandwiches and cake. Nickelette, Inc. 340,919; Nov. 24; Serial No. 380,295; published Sept. 8, 1936.
Sugar. General Sugar Estates, Inc. 340,844; Nov. 24; Serial No. 335,355; published Nov. 13, 1934.
Syrup and true maple flavored dextrose sugar, True maple flavored. Orchard Products Company. 340,924; Nov. 24; Serial No. 378,853; published Sept. 8, 1936.
Vegetable concentrates. F. A. Lundquist. 340,891; Nov. 24; Serial No. 369,452; published Sept. 15, 1936.
Vegetables, Fresh. E. M. Seifert, Jr., Inc. 340,966; Nov. 24; Serial No. 372,340; published Sept. 8, 1936.
Yerba mate. Sociedad Anonima Auxiliar Fabril. Agricola & Comercial. 340,975; Nov. 24; Serial No. 369,209; published Sept. 15, 1936.

CLASS 47

Riesling. K. Arakelian, Inc. 340,781; Nov. 24; Serial No. 378,122; published Sept. 15, 1936.
Wines. Hammondsport Vintage Corporation. 340,856; Nov. 24; Serial No. 379,297; published Sept. 15, 1936.
Wines. Pacific Coast Brands, Ltd. 340,925; Nov. 24; Serial No. 372,526; published Sept. 15, 1936.
Wines, Sauterne. Berry Bros. & Co. 340,792; Nov. 24; Serial No. 380,750; published Sept. 15, 1936.

CLASS 48

Ale. Haffenreffer & Co. 340,855; Nov. 24; Serial No. 381,531; published Sept. 15, 1936.
Ale. Syracuse Brewery, Inc. 340,986; Nov. 24; Serial No. 381,290; published Sept. 8, 1936.
Ale. Wagner Brewing Company. 340,997; Nov. 24; Serial No. 380,811; published Sept. 8, 1936.
Beer. Fürstlich Fürstenbergische Brauerei Aktiengesellschaft. 341,019; Nov. 24.
Beer. M. Glazer. 340,846; Nov. 24; Serial No. 381,451; published Sept. 8, 1936.
Beer. Spearman Brewing Company. 340,978; Nov. 24; Serial No. 381,326; published Sept. 8, 1936.
Beer and ale. Akron Brewing Company. 340,772; Nov. 24; Serial No. 380,492; published Sept. 8, 1936.
Beer and ale. American Brewing Company. 340,774; Nov. 24; Serial No. 380,737; published Sept. 8, 1936.
Beer and ale. New England Brewing Company. 340,918; Nov. 24; Serial No. 380,841; published Sept. 8, 1936.

CLASS 50

Piece goods and textile fabrics. Golding Bros. Co. 340,850; Nov. 24; Serial No. 380,766; published Sept. 15, 1936.
Signs, Traffic and street. Traffic & Street Sign Company. 341,037; Nov. 24.

LIST OF LABELS

Albert Martin's Prize Winning Cocktails. For Alcoholic Cocktails. A. Martin. 48,426; Nov. 24.
Beterkake. For a Prepared Gingerbread Mix. Doughnut Corporation of America. 48,414; Nov. 24.
Breath O'Clove Gum. For Chewing Gum. E. C. Harvey. 48,420; Nov. 24.
Chili Pepper. For Chili Pepper. A. Schilling & Company. 48,430; Nov. 24.
Chillo. For a Preparation for Making Genuine Mexican Chilli and Tamales. Page Coffee Mills, Inc. 48,427; Nov. 24.
Cincy Dog Food. For Dog Food. Thorobread Company. 48,443; Nov. 24.
Clovelets Breath Gum. For Chewing Gum. E. C. Harvey. 48,421; Nov. 24.
Colonial Bread. For Bread. C. O. Beck. 48,408; Nov. 24.
Davco. For Fertilizer. Davison Chemical Corporation. 48,413; Nov. 24.
Dolly Madison. For Chocolate Covered Doughnuts. Schulze Baking Company. 48,440; Nov. 24.
Dr. Scholl's Adhestite Felt Bunion Pads. For Bunion Pads. Scholl Mfg. Co. 48,435; Nov. 24.
Dr. Scholl's Adhestite Felt Corn Pads. For Corn Pads. Scholl Mfg. Co. 48,434; Nov. 24.
Dr. Scholl's Felt Bunion Pads. For Bunion Pads. Scholl Mfg. Co. 48,433; Nov. 24.
Dr. Scholl's Flesh Color Moleskin. For Moleskin. Scholl Mfg. Co. 48,436; Nov. 24.
Dr. Scholl's Kurotex Corn Plasters. For Corn Plasters. Scholl Mfg. Co. 48,431; Nov. 24.
Dr. Scholl's Presto Corn Pads. For Corn Pads. Scholl Mfg. Co. 48,432; Nov. 24.
Dr. Scholl's Soft Felt Chiropodist Bunion Pads. For Bunion Pads. Scholl Mfg. Co. 48,437; Nov. 24.
Dr. Scholl's Soft Felt Chiropodist Callous Pads. For Callous Pads. Scholl Mfg. Co. 48,438; Nov. 24.
Dr. Scholl's Waterproof Borolin Bandages. For Borolin Bandages. Scholl Mfg. Co. 48,439; Nov. 24.
Hamersley's Triangle Box Waxed Paper Keeps Refrigerator Sweet, Gives Double Life to Food. For Waxed Paper. Hammersley Manufacturing Company. 48,419; Nov. 24.
Hy-Tex. For Toilet Tissue. Fort Howard Paper Company. 48,416; Nov. 24.
"Kady-Ohio" Braces. For Braces. A. L. Garber Company. 48,417; Nov. 24.
Kan-A-Good. For Canned Grapefruit. Good Foods, Inc. 48,418; Nov. 24.
Kaple. For Self-Rising Buckwheat and Wheat Pancake Flour. Cobleskill Milling Company. 48,411; Nov. 24.
Kaple. For Self Rising Pancake and Waffle Flour. Cobleskill Milling Company. 48,410; Nov. 24.
Klean-All. For Washing Fluid. Klean-All Chemical Co. 48,425; Nov. 24.
Lubricates to the Last Drop, A. Phillips Pure Oil. For Lubricating Oil. Phillips Pure Oil Co. 48,428; Nov. 24.
Murjana. For Cosmesis Skin Cream. Borzoi Laboratories, Incorporated. 48,409; Nov. 24.
Pride of Dairy States Sweet Cream Butter. For Butter. P. N. Jans. 48,424; Nov. 24.
Rainbo Bread. For Bread. P. D. Archer. 48,406–7; Nov. 24.
Rural Gold Sliced Yellow Cling Peaches. For Sliced Yellow Cling Peaches. Hearst Sunical Land and Packing Corporation. 48,422; Nov. 24.
Savor Salt Seasoning. For Savor Salt Seasoning. A Schilling & Company. 48,429; Nov. 24.
Some. For Toilet Bowl Cleaner. M. Seelbach. 48,441; Nov. 24.
Star Hat Body Rebuilder. For a Preparation for Hat Bodies and Giving the Hat New Life and a Velvety Finish. Cosmola Chemical Company. 48,412; Nov. 24.
Storz Winterbru. For Beer. Storz Brewing Company. 48,442; Nov. 24.
Tip-Top Insecticide. For an Insecticide. Faydon Laboratories. 48,415; Nov. 24.

Tonic Cruzazul. For a Tonic Used as a Reconstructive and Expectorant. C. G. Villarreal. 48,445; Nov. 24.
Trophy Dog Food. For Dog Food. Thorobread Company. 48,444; Nov. 24.
Uncle Ben's Plantation Rice. For Rice. James & Harwell, Inc. 48,423; Nov. 24.
Union Made Clothing. For Clothing. Amalgamated Clothing Workers of America. 48,404; Nov. 24.
Union Made-Shirt and Undergarment. For Shirts and Undergarments. Amalgamated Clothing Workers of America. 48,405; Nov. 24.

LIST OF PRINTS

Budd Door Repair Panels. For Door Repair Panels. Edward G. Budd Manufacturing Company. 15,925; Nov. 24.
Free While Supplies Last! At Grocers Where You See this Display. For Biscuit Flour. General Mills, Inc. 15,927; Nov. 24.
Giant Snap-Shots. For Snap-Shots. Jack Rabbitt Company. 15,928; Nov. 24.
Golden Dawn. For Lager Beer. Sunrise Brewing Company. 15,930; Nov. 24.
Seeing is Believing with Our Lenses. For Lenses. J. M. True. 15,931; Nov. 24.
Top O' the World. For Pelts. Thomas Gallord & Reynolds, Inc. 15,926; Nov. 24.
2–37E. For Dental Cream. Kolynos Company. 15,929; Nov. 24.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 24TH DAY OF NOVEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Arf, Herman R., Louisville, Ky., assignor, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J. System for air conditioning railroad cars. 20,178; Nov. 24.

Carrier Engineering Corporation. (See Arf, Herman R., assignor.)

Chabot, Ephraim H., assignor to Nashua Gummed & Coated Paper Company, Nashua, N. H. Strip-serving mechanism. 20,179; Nov. 24.

Freedman, Harry A., Brooklyn, N. Y. Beach chair. 20,181; Nov. 24.

Gautier, Trevor R. and H. E. Nichols, assignors to Nashua Gummed and Coated Paper Company, Nashua, N. H. Strip-serving machine. 20,180; Nov. 24.

Gillette Safety Razor Company. (See Testi, Nicholas, assignor.)

Jackson, Ralph G., Woodbury, N. J. Decorative sheet material and preparing the same. 20,182; Nov. 24.

Jenkins, Geo. O., Co. (See Richter, Herman W., assignor.)

Light, Albert T., Canton, Ohio, assignor to York Ice Machinery Corporation, York, Pa. Continuous freezer. 20,183; Nov. 24.

Nashua Gummed & Coated Paper Company. (See Chabot, Ephraim H., assignor.)

Nashua Gummed and Coated Paper Company. (See Gautier, T. R., and Nichols, assignors.)

Nichols, Harold E. (See Gautier, T. R., and Nichols.)

Richter, Herman W., assignor to Geo. O. Jenkins Co., Bridgewater, Mass. Leatherboard product and making the same. 20,184; Nov. 24.

Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and blade. 20,185; Nov. 24.

York Ice Machinery Corporation. (See Light, Albert T., assignor.)

LIST OF PLANT PATENTEES

Hiscox, Jesse F., East Patchogue, N. Y. Rose. 208; Nov. 24.

LIST OF DESIGN PATENTEES

Adams, George A., Rochester, N. Y., assignor to Eastman Kodak Company, Jersey City, N. J. Carrying handle. 102,023; Nov. 24.

Airmaster Corporation. (See Hueglin, Herman C., assignor.)

Art Metal Construction Company. (See Jones, James R., assignor.)

Ashton, Pearl F., Providence, R. I., assignor to Ernest E. Weller, operating as E. E. Weller Co., Providence, R. I. Buckle. 102,024; Nov. 24.

Barrett, Colin D., Watertown, assignor to Scovill Manufacturing Company, Waterbury, Conn. Flashlight. 102,073; Nov. 24.

Basser, William A., New York, N. Y. Printed fabric. 102,116; Nov. 24.

Bauer Type Foundry, Inc. (See Reiner, Imre, assignor.)

Bender Body Co. et al. (See Naegele, Ray W., assignor.)

Birnbaum, Leon, New York, N. Y. Lace. 102,074; Nov. 24.

Blackstone, Jack J., New York, N. Y. Embroidered net. 102,103; Nov. 24.

Bleczinski, Branny, Methuen, Mass. Combination tail and signal light. 102,075; Nov. 24.

Briggs Manufacturing Company. (See Lapteff, Alexis V., assignor.)

Brothers, Abe R. (See Brothers, Edwin I., and A. R.)

Brothers, Edwin I. and Abe R., Brooklyn, N. Y. Prophylactic device for the oral cavity. 102,048; Nov. 24.

Bryce Brothers Company. (See Morrison, William P., assignor.)

Bunting Glider Company. (See Wexelblatt, Abraham S., assignor.)

Cariffe, Joseph V., Chicago, Ill., assignor to the Joe Lowe Corporation, New York, N. Y. Handle stick for a confectionery product. 102,076; Nov. 24.

Coles, Milton M., Chicago, Ill. Dice box. 102,025; Nov. 24.

Crown Stove Works. (See Rogers, John C., assignor.)

Davis, Albert L., Watertown, Conn., assignor to Wallace Pencil Company, St. Louis County, Mo. Pencil. 102,049. Nov. 24.

Dietert, Harry W., Detroit, Mich. Sand washer. 102,050; Nov. 24.

Dognin, Jean, New York, N. Y. Lace. 102,104; Nov. 24.

Dognin, Jean, New York, N. Y. Lace. 102,105; Nov. 24.

Dognin, Jean, New York, N. Y. Lace. 102,106; Nov. 24.

Dognin, Jean, New York, N. Y. Lace. 102,107; Nov. 24.

Eastman Kodak Company. (See Adams, George A., assignor.

Eaton Metal Products Co. (See Liston, Earl C., assignor.)

Ebco Manufacturing Co., The. (See Love, L. C., and Jones, assignors.)

Eckland, Everett B., Oak Park, Ill. Combined ice cream freezer and display counter. 102,026; Nov. 24.

Edson, Bert, Pawtucket, R. I., assignor to New England Lace Mills, Inc., New York, N. Y. Lace. 102,077; Nov. 24.

Edson, Bert, Pawtucket, R. I., assignor to New England Lace Mills, Inc., New York, N. Y. Lace. 102,078; Nov. 24.

Federal Glass Company, The. (See Nicholson, Albert H., assignor.)

Fink, Henry W. (See Will, C. H., and Fink.)

Gaertner, Frederick J., Maplewood, N. J. Finger ring. 102,079; Nov. 24.

Gallor, Chester F., Brooklyn, N. Y. Grinding wheel. 102,027; Nov. 24.

Gaughan, John J., Boston, Mass., assignor to Hookless Fastener Company, Meadville, Pa. Shoe. 102,028; Nov. 24.

Gillaspie, Emmett W., New Castle, Pa. Combined stool and milk pail support. 102,029; Nov. 24.

Glascock Brothers Mfg. Co. (See Koons, Paul M., assignor.)

Goldsmith, Leonard A., Chicago, Ill. Kneeling rail or similar article. 102,051; Nov. 24.

Gossard, H. W., Co., The. (See Wipperman, Hildegard, assignor.)

Hall China Company, The. (See Kane, Bernard N., assignor.)

Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 102,117; Nov. 24.

Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 102,118; Nov. 24.

Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 102,119; Nov. 24.

Hart, Laurence E., and H. E. Lewy, New York, N. Y. Lace. 102,080; Nov. 24.

Hart, Laurence E., and H. E. Lewy, New York, N. Y. Lace. 102,081; Nov. 24.

Hart, Laurence E., and H. E. Lewy, New York, N. Y. Lace. 102,082; Nov. 24.

Heil Co., The. (See Thwaits, Frederick G., assignor.)

Hoffmann, Wolfgang, Batavia, Ill., assignor to The Howell Company, St. Charles, Ill. Chair. 102,030; Nov. 24.

Hookless Fastener Company. (See Gaughan, John J., assignor.)

Howell Company, The. (See Hoffmann, Wolfgang, assignor.)

Hueglin, Herman C., assignor to Airmaster Corporation, Chicago, Ill. Exhaust fan. 102,083; Nov. 24.

Hyde, Burdon P., Naugatuck, Conn., assignor to Scovill Manufacturing Company Waterbury, Conn. Flashlight casing. 102,108; Nov. 24.
Jones, James R., assignor to Art Metal Construction Company, Jamestown, N. Y. Desk or similar article. 102,052; Nov. 24.
Jones, James R., assignor to Art Metal Construction Company, Jamestown, N. Y. Desk or similar article. 102,053; Nov. 24.
Jones, James R., assignor to Art Metal Construction Company, Jamestown, N. Y. Desk or similar article. 102,054; Nov. 24.
Jones, Parke F. (See Love, L. C., and Jones.)
Kane, Bernard N., assignor to The Hall China Company, East Liverpool, Ohio. Plate or similar article. 102,109; Nov. 24.
Kirsten, Nicholas, Detroit, Mich. Brush. 102,055; Nov. 24.
Klein, Lewis H., Chicago, Ill. Alphabet. 102,110; Nov. 24.
Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Combined fan blade and shaft guard. 102,056; Nov. 24.
Knapp-Monarch Company. (See Knapp, Andrew S., assignor.)
Konelsky, Ernest, Paris, France. Handbag or similar article. 102,111; Nov. 24.
Koons, Paul M., assignor to Glascock Brothers Mfg. Co., Muncie, Ind. Refrigerator cabinet body. 102,031; Nov. 24.
Koons, Paul M., assignor to Glascock Brothers Mfg. Co., Muncie, Ind. Refrigerator cabinet body. 102,057; Nov. 24.
Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Juvenile vehicle body. 102,058; Nov. 24.
Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Juvenile vehicle body. 102,084; Nov. 24.
Lapteff, Alexis V., assignor to Briggs Manufacturing Company, Detroit, Mich. Radiator ornament or similar article. 102,112; Nov. 24.
Lattner, Emert J., Cedar Rapids, Iowa. Oil burner. 102,059; Nov. 24.
Levine, Joseph, New York, N. Y. Lady's belt or similar article. 102,113; Nov. 24.
Lewy, Herbert E. (See Hart, L. E., and Lewy.)
Linfante, Vincent, Brooklyn, N. Y. Game board. 102,032; Nov. 24.
Liston, Earl C., assignor to Eaton Metal Products Co., Denver, Colo. Automobile tank. 102,085; Nov. 24.
Love, Lee C., and Parke F. Jones, assignors to The Ebco Manufacturing Co., Columbus, Ohio. Cabinet sink. 102,060; Nov. 24.
Love, Lee C., and Parke F. Jones, assignors to The Ebco Manufacturing Co., Columbus, Ohio. Cabinet sink. 102,086; Nov. 24.
Lowe, Joe, Corporation. (See Cariffe, Joseph V., assignor.)
Mackelfresh, William E., Jr., Chicago, Ill., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Ashtray. 102,087; Nov. 24.
Mackelfresh, William E., Jr., Chicago, Ill., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Pitcher. 102,088; Nov. 24.
Mann, Leo, Providence, R. I. Bottle. 102,033; Nov. 24.
Mayer, Gustav, Schwaebisch, Gmuend, Germany, assignor to R. Mayer and M. Mayer, Marblehead, Mass. Ski-boot. 102,034; Nov. 24.
Mayer, Max, et al. (See Mayer, Gustav, assignor.)
Mayer, Rudolf, et al. (See Mayer, Gustav, assignor.)
McClellan, Fred C., Chicago, Ill. Target practicing device. 102,061; Nov. 24.
McKee Glass Company. (See Smith, Donald M., assignor.)
McKee Glass Company. (See Smith, Maurice A., assignor.)
Meyerhoff, Arthur E., Chicago, Ill. Table. 102,035; Nov. 24.
Moro, Louis, Danbury, Conn. Combined dial and hands for a clock or similar article. 102,089; Nov. 24.
Morrison, William P., assignor to Bryce Brothers Company, Mount Pleasant, Pa. Stemmed goblet or similar article. 102,062; Nov. 24.
Murray-Ohio Manufacturing Company, The. (See Kraeft, Herman L., assignor.)
Naegele, Ray W., Fairview Village, assignor to Bender Body Co. and The White Motor Co., jointly, Cleveland, Ohio. Vehicle chair. 102,090; Nov. 24.
New England Lace Mills, Inc. (See Edson, Bert, assignor.)
Nicholson, Albert H., assignor to The Federal Glass Company, Columbus, Ohio. Glass bowl or similar article. 102,091; Nov. 24.
Norman, Avery L., Dobson, N. C. Andiron. 102,063; Nov. 24.
Ostermeyer, Gustavus A. (See Randall, A. F., and Ostermeyer.)
Owens-Illinois Glass Company. (See Mackelfresh, William E., Jr., assignor.)
Owens-Illinois Glass Company. (See Plummer, Walter D., assignor.)
Parish, Dwight A., Vancouver, Wash. Medal or similar article. 102,064; Nov. 24.
Payne, Harold, assignor to Premier Cone Baking Company, Cincinnati, Ohio. Ice cream cone. 102,092; Nov. 24.
Plummer, Walter D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 102,036; Nov. 24.
Premier Cone Baking Company. (See Payne, Harold, assignor.)
Rains, Solomon E., New York, N. Y. Handkerchief. 102,114; Nov. 24.
Randall, Arthur F. and G. A., Ostermeyer, Boston, Mass. Violin or similar article. 102,065; Nov. 24.
Reiner, Imre, Lugano, Switzerland, assignor to Bauer Type Foundry, Inc., New York, N. Y. Printing type font. 102,093; Nov. 24.
Rogers, John C., Oak Park, Ill., assignor to Crown Stove Works, Cicero, Ill. Stove. 102,066; Nov. 24.
Rollinson, William H., New York, N. Y. Pile fabric. 102,120; Nov. 24.
Ross, Ray, St. Louis, Mo. Necktie. 102,037; Nov. 24.
Sandhaus, Samuel, New York, N. Y. Coat. 102,094; Nov. 24.
Schaffer, Jacob I., New York, N. Y. Buckle. 102,038; Nov. 24.
Schaffer, Jacob I., New York, N. Y. Buckle. 102,039; Nov. 24.
Schaffer, Jacob I., New York, N. Y. Buckle. 102,040; Nov. 24.
Scovill Manufacturing Company. (See Barrett, Colin D., assignor.)
Scovill Manufacturing Company. (See Hyde, Burdon P., assignor.)
Sebek, Albert, Cicero, Ill. Automobile radiator cap ornament. 102,067; Nov. 24.
Shaw, Robert J., Philadelphia, Pa. Building. 102,115; Nov. 24.
Shively, John J., New York, N. Y. Casing for an ice breaking machine or similar article. 102,095; Nov. 24.
Siegel, Benjamin, West New York, N. J. Knitted fabric. 102,068; Nov. 24.
Siegel, Benjamin, West New York, N. J. Knitted fabric. 102,069; Nov. 24.
Siegel, Benjamin, West New York, N. J. Knitted fabric. 102,070; Nov. 24.
Smith, Donald M., assignor to McKee Glass Company, Jeannette, Pa. Glass tumbler. 102,096; Nov. 24.
Smith, Maurice A., assignor to McKee Glass Company, Jeannette, Pa. Automobile lens. 102,097; Nov. 24.
Thwaits, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Vehicular tank. 102,071; Nov. 24.
Tropic-Aire, Incorporated. (See Will, C. H., and Fink, assignors.)
Vaughan, David A., Woodstock, N. Y. Toy cannon. 102,041; Nov. 24.
Vaughan, David A., Woodstock, N. Y. Toy aeroplane. 102,042; Nov. 24.
Wallace Pencil Company. (See Davis, Albert L., assignor.)
Walther, John L., New York, N. Y. Woven textile fabric. 102,098; Nov. 24.
Weller, E. E., Co. (See Ashton, Pearl F.)
Weller, Ernest E. (See Ashton, Pearl F.)
Westbrook, Marion O., Sonora, Tex. Boot jack. 102,043; Nov. 24.
Wexelblatt, Abraham S., assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 102,044; Nov. 24.
Wexelblatt, Abraham S., assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 102,099; Nov. 24.
Wexelblatt, Abraham S., assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 102,045; Nov. 24.
Wexelblatt, Abraham S., assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 102,046; Nov. 24.
White Motor Co., The et al. (See Naegele, Ray W., assignor.)
White, William D., Algona, Iowa. Store. 102,100; Nov. 24.
Will, Carl H., and H. W. Fink, assignors to Tropic-Aire, Incorporated, Minneapolis, Minn. Automobile heater. 102,101; Nov. 24.
Wipperman, Hildegard, assignor to The H. W. Gossard Co., Chicago, Ill. Foundation garment for women. 102,102; Nov. 24.
Wise, Jacob H., Chicago, Ill. Monument. 102,047; Nov. 24.
Woodside, Kate P., Greenville, S. C. Massage roller. 102,072; Nov. 24.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 24TH DAY OF NOVEMBER, 1936

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Acme Steel Company. (See MacChesney, Chester M., assignor.)
Acme Steel Company. (See Wilson, Allen B., assignor.)
Acosta, Miguel B., Los Angeles, Calif. Flushing device for drains. 2,061,553; Nov. 24.
Aerovox Corporation. (See Rhodes, Howard E., assignor.)
Aetna Rubber Company, The. (See Campbell, Stanley T., assignor.)
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake. 2,061,888; Nov. 24.
Air Reduction Company. (See Deming, George M., assignor.)
Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Slug ejecting mechanism of typographical slug casting machines. 2,062,109; Nov. 24.
Albrecht, John H., Utica, N. Y., assignor of one-half to W. A. Bringe, New Hartford, N. Y. Joint for wind musical instruments. 2,061,928; Nov. 24.
Alexander, John M. (See Watson, J. C., and Alexander.)
Allen, William R., 3d. (See Walker, C. L., Moatz, and Allen.)
Alther, Joseph G., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Cracking oil. 2,061,820; Nov. 24.
Aluminum Company of America. (See Guyot, Marius, assignor.)
Alvear, Victor, Brooklyn, assignor of one-half to E. Young, Long Island City, N. Y. Tap for liquid receptacles. 2,062,199; Nov. 24.
American Anode, Inc. (See Beal, Carl L., assignor.)
American Can Company. (See Hothersall, John M., assignor.)
American Can Company. (See Luthi, Robert, assignor.)
American Can Company. (See Philp, William J., assignor.)
American Laundry Machinery Company, The. (See Gerlach, Frank A., assignor.)
American Laundry Machinery Company, The. (See Johnson, George W., assignor.)
American Laundry Machinery Company. (See Singiser, John P., assignor.)
American Smelting and Refining Company. (See Betterton, J. O., and Lebedeff, assignors.)
Ames, Fletcher, Palo Alto, Calif. Portable furniture. 2,061,929; Nov. 24.
Andrews, Chester E., Brookline, and L. U. Spence, assignors to Röhm & Haas Company, Philadelphia, Pa. Separation and purification of methyl amines. 2,061,889; Nov. 24.
Andrie, Michael B., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Polishing machine. 2,061,607; Nov. 24.
Angier, Edward H., Framingham, Mass., assignor to E. H. Angier, Framingham, Mass., as trustee under agreement and declaration of trust, designated as Angier Laboratories. Production of coated creped paper. 2,061,748; Nov. 24.
Angier Laboratories, Trustee. (See Angier, Edward H.)
Appenzeller, Johan, Bergdietikon, Switzerland. Hand operated implement for weeding tare. 2,061,542; Nov. 24.
Apple, Bessie D. (See Cotterman, Frederick W., assignor.)
Apple, Vincent G., G. Darroch, executor, Dayton, Ohio. Commutator. 2,061,821; Nov. 24.
Arens, Robert A., Chicago, Ill. Fishing tackle accessory. 2,062,245; Nov. 24.
Arma Engineering Co. (See Foss, Clifton T., assignor.)
Armenault, René, Paris, assignor of one-half to Fabriques de Produits de Chimie Organique de Laire, Issy, France. Preparing plastic materials derived from urea and formaldehyde. 2,061,543; Nov. 24.
Arnold, Franc, assignor of three-tenths to B. M. Vogel, St. Louis, Mo. Telephone. 2,062,019; Nov. 24.
Arnold, Karl, Nuremberg, Germany. Mechanical toy. 2,062,046; Nov. 24.
Atkinson, Arius, assignor of one-fourth to J. E. Berry, Stillwater, Okla. Antifreezing device. 2,062,246; Nov. 24.
Atlantic Refining Company, The. (See Malisoff, W. M., and Hess, assignors.)
Atlas Powder Company. (See Brandt, Millard, assignor.)
Atlas Powder Company. (See Brown, Kenneth R., assignor.)
Atlas Powder Company. (See Huyett, Daniel D., assignor.)
Atmospheric Nitrogen Corporation. (See Kniskern, Walter H., assignor.)
Atwell, Harold V., White Plains, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Coking hydrocarbon liquids. 2,062,254; Nov. 24.
Auburn Leather Goods Company, The. (See Mittelman, Reuben, assignor.)
Ayars, Charles H., assignor to Ayars Machine Company, Salem, N. J. Can filling machine. 2,061,644; Nov. 24.
Ayars Machine Company. (See Ayars, Charles H. assignor.)
Baer, John W. (See Reinhardt, Otto K., and Baer.)
Baer, John W., Woodside, and O. K. Reinhardt, Jamaica, N. Y., assignoss to Bond Electric Corporation, Jersey City, N. J. Electric hand lantern. 2,062,113; Nov. 24.
Bagley, Glen D., Great Neck, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Testing apparatus. 2,061,692; Nov. 24.
Bailey, Theodore, Miami Beach, Fla. Dispensing container. 2,062,082; Nov. 24.
Baker Oil Tools, Inc. (See Baker, Reuben C., assignor.)
Baker, Reuben C., Conlinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Perforated liner washer. 2,061,993; Nov. 24.
Ball, Charles F., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Tandem valve concrete pump. 2,062,200; Nov. 24.
Baltimore Paper Company. (See Wensler, Charles J., assignor.)
Bankert, Fred H., Ottawa, assignor to Chicago Retort & Fire Brick Co., Chicago, Ill. Furnace wall and block unit for making the same. 2,061,822; Nov. 24.
Barker, Harry. (See Douglas, E. R., Heins, and Edel, assignors.)
Barnes, Darrel M., and H. D. Dwight, Portland, Oreg. Making photomat. 2,061,930; Nov. 24.
Bartram, Thomas W., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Motor fuel treating process and products obtained thereby. 2,062,201; Nov. 24.
Basbara, Samuel F., Houston, Tex. Heel cushion. 2,062,114; Nov. 24.
Bata, Jan A., Zlin, Czechoslovakia. Machine for pulling shoes off the last. 2,062,083; Nov. 24.
Bauerle, Charles E. (See Ward, W. J., Bauerle, and Dalrymple.)
Baughman, George W., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake. 2,061,890; Nov. 24.
Beach, Frederick E. (See Schmidt, F. W., and Beach.)
Beal, Carl L., Cuyahoga Falls, assignor to American Anose, Inc., Akron, Ohio. Rubber thread and making the same. 2,061,749; Nov. 24.
Beattie Manufacturing Co., The. (See Beattie, Walter J., assignor.)
Beattie, Walter J., assignor to The Beattie Manufacturing Co., Cohoes, N. Y. Folding machine. 2,062,202; Nov. 24.
Beattie, Walter J., assignor to The Beattie Manufacturing Company, Cohoes, N. Y. Turning machine and method. 2,062,203; Nov. 24.
Beaumier, Oscar L., Brenham, Tex. Stuffing box. 2,061,693; Nov. 24.
Becker, Charles W. (See Gaarder, H. M., and Becker.)
Beckley-Ralston Co., The. (See Williamson, Henry C., assignor.)
Beckwith, Charles F., Flushing, and C. C. Main, Piermont, assignors, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Liquid supply system. 2,061,608; Nov. 24.
Behringer, Emil, Richmond Hill, N. Y. Heat exchanger. 2,061,645; Nov. 24.
Belden, Neeta M., Wichita, Kans. Air conditioner. 2,061,646; Nov. 24.
Belfrost Diesels Limited. (See Belyavin, Paul, assignor.)
Bell Telephone Laboratories, Incorporated. (See Bjornson, Bjorn G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Samuel, Arthur L., assignor.)
Belyavin, Paul, assignor to Belfrost Diesels Limited, London, England. Centrifugal governor for internal combustion engies. 2,062,084; Nov. 24.
Bendall, Wilfrid H., Lang Island City, N. Y. Power transmission chain drive. 2,062,115; Nov. 24.
Bendix Aviation Corporation. (See Price, Harold W., and E. R., assignors.)
Bendix-Westinghouse Automotive Air Brake Company. (See Eaton, Wilfred A., assignor.)
Benner, Raymond C., Niagara Falls, O. L. Mahlman, Kenmore, and W. D. Rossow, Niagara Falls, assignors to The Carborundum Company, Niagara Falls, N. Y. Manufacture of abrasive articles. 2,061,931; Nov. 24.
Benshimol, Ernest, Arlington, Mass. Beam compass. 2,062,157; Nov. 24.

Berard, Hector R., Worcester, Mass. Bottle labeling machine. 2,061,823; Nov. 24.
Berkowitz, Emanuel, Brooklyn, N. Y. Cutting leather. 2,061,647; Nov. 24.
Berlowitz, Max, Berlin, Germany. Portable air conditioning apparatus. 2,062,158; Nov. 24.
Bernadi, Andrés, Buenos Aires, Argentina. Apparatus for the manual execution of typographical lines with matrices. 2,061,609; Nov. 24.
Berry, James E. (See Atkinson, Arius, assignor.)
Betterton, Jesse O., and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Refining alloys of lead and tin. 2,061,994; Nov. 24.
Betterton, Jesse O., and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Refining alloys of lead and tin. 2,061,995; Nov. 24.
Betterton, Jesse O., and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Desilvering alloys of lead and tin. 2,062,116; Nov. 24.
Beymer, Kenneth R., Dayton, Ohio. Luminous device. 2,061,824; Nov. 24.
Bickel, Frederic J., and H. J. C. Oster, Jr., assignors to The Osborn Manufacturing Company, Cleveland, Ohio. Brush. 2,062,047; Nov. 24.
Billiter, Jean, Vienna, Austria, assignor to Copperweld Steel Company, Glassport, Pa. Electrolytic deposition of metals. 2,061,554; Nov. 24.
Bing, Joseph M., et al. (See Karg, Josef, assignor.)
Birdsboro Steel Foundry and Machine Company. (See Mekeel, Charles H., Jr., assignor.)
Birek, John, assignor to S. I. Fineman, Cleveland, Ohio. Artificial grass mat. 2,061,750; Nov. 24.
Bitting, Charles D. (See Norman, G. M., and Bitting.)
Bjornson, Bjorn G., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Transmission control in two-way signaling systems. 2,061,555; Nov. 24
Blackmore, Leslie J., Paterson, N. J. Game apparatus. 2,062,204; Nov. 24.
Blake, William F., assignor, by mesne assignments, to F. A. Spelk, South Pasadena, Calif. Mop wringer. 2,061,556; Nov. 24.
Blakslee, Samuel W. (See Davis, Kenneth, assignor.)
Blanchard, Frederick C., Dorchester, Mass. Lubricating system. 2,061,790; Nov. 24.
Blumlein, Alan D., West Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, England. Sound-transmission, sound-recording, and sound-reproducing system. 2,062,275; Nov. 24.
Bly, Edwin P., assignor to International Bitumen Emulsions Corporation, San Francisco, Calif. Treating coated pipe. 2,061,825; Nov. 24.
Bocjl Corporation. (See Miller, James R., assignor.)
Bocjl Corporation. (See Wilkoff, Arthur E., assignor.)
Bockmühl, Max, and W. Ludwig, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Aqueous solution of anesthetic substances. 2,061,544; Nov. 24.
Bockmühl, Max, Frankfort-on-the-Main, and O. Schaumann, Wiesbaden, and G. Ehrhart and L. Stein, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Anesthetic combinations containing, besides a local anesthetic agent, a vaso constricting agent. 2,061,557; Nov. 24.
Rockoff, Joseph, assignor to The Dayton Rubber Mfg. Company, Dayton, Ohio. Antifreeze rubber belt compound and making the same. 2,061,674; Nov. 24.
Boedecker, Friedrich, Dahlem, near Berlin, and H. Volk, Tempelhof, near Berlin, Germany. Producing the M-alkyl-ethers of protocatechuic aldehyde. 2,062,205; Nov. 24.
Bohannon, William A., and C. B. Gilbert, Hewlett, N. Y. Tray rack. 2,061,891; Nov. 24.
Bolton, John W., Hamilton, and S. A. Weigand, Cincinnati, assignors to The Lunkenheimer Company, Cincinnati, Ohio. Alloy. 2,061,648; Nov. 24.
Bond Electric Corporation. (See Baer, J. W., and Reinhardt, assignors.)
Bond Electric Corporation. (See Reinhardt, Otto K., assignor.)
Bond Electric Corporation. (See Reinhardt, Otto K., and Baer, assignors.)
Bone, Herbert L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,061,752; Nov. 24.
Bone, Herbert L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,061,753; Nov. 24.
Borg-Warner Corporation. (See Nutt, H., and Reed, assignors.)
Bos, John. (See Leuvelink, George J., assignor.)
Bosco, George B., Chicago, Ill. Clamp. 2,061,751; Nov. 24.
Bossbart, Jakob, Riehen, near Basel, and F. Dobler, assignors to the firm of J. R. Geigy A. G., Basel, Switzerland. Conversion products of azo dyestuffs and their production. 2,061,545; Nov. 24.
Brackert Manufacturing Co. (See Pollard, Joseph F., assignor.)
Brackett, Newell, Philadelphia, Pa., assignor to Crane Packing Company. Packing for doors. 2,062,261; Nov. 24.
Brainard, Frank W., et al. (See Crum, Roland R., assignor.)
Brandt, Millard, Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Wrapping for explosives. 2,061,558; Nov. 24.
Brauer, Arthur J. (See Wagner, Frederick P., assignor.)
Braunstein, Meyer. (See Morris, K., and Braunstein.)
Bremser, Albert T., Westmont, N. J. Internal combustion engine. 2,061,826; Nov. 24.
Bringe, Walter A. (See Albrecht, John H., assignor.)
Brizzolara, Alfred A., New York, N. Y., E. L. Duhring, Plainfield, and A. M. Erskine, Chatham, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Dispersible carbon black. 2,062,159; Nov. 24.
Brooks, Arthur M., and H. R. Rafton, Andover, Mass., assignors to Raffold Process Corporation. Pigment manufacture. 2,062,255; Nov. 24.
Brooks, Charles A., Forest Hills, N. Y., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,062,048; Nov. 24.
Brooks, Lester M., Seattle, Wash., assignor to Weco Manufacturing Company. Driving connection. 2,061,827; Nov. 24.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Shuttle change loom. 2,061,828; Nov. 24.
Brown, Ernest W., Park Ridge, Ill., and R. C. Farrell, Wood-Ridge, N. J., assignors to Whitlock Cordage Company, New York, N. Y. Twine. 2,061,559; Nov. 24.
Brown, Kenneth R., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Manufacture of Alcoholic beverages. 2,061,560; Nov. 24.
Brown, Pauline A., Victoria, Tex. Cake box. 2,061,957; Nov. 24.
Brown, Reynolds D., Jr. (See McCaa., D. G., and Brown.)
Browne, Lindsay H., assignor to Kellogg Manufacturing Co., Rochester, N. Y. Compressor. 2,062,206; Nov. 24.
Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Successive discount accounting machine. 2,062,119; Nov. 24.
Bryce, James W., Bloomfield, N. J., G. F. Daly, Johnson City, and J. M. Cunningham, Endicott, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Record controlled accounting machine. 2,062,117; Nov. 24.
Bryce, James W., Bloomfield, N. J., and G. F. Daly, Johnson City, N. Y., assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accounting machine with supplemental recorder. 2,062,118; Nov. 24.
Bryson, William H., Savannah, Ga. Envelope sealing machine. 2,061,546; Nov. 24.
Buckmaster, Ben S., assignor to Donolac Corporation, Chicago, Ill. Converting drying oils to nondrying oils. 2,061,829; Nov. 24.
Bucyrus-Erie Company. (See Chambers, J. T., and Lehman, assignors.)
Budwig, Gilbert G., Saratoga, assignor to Insect-O Products Company, Burbank, Calif. Mixing liquids. 2,061,932; Nov. 24.
Bumpus, Jesse W., Memphis, Tenn. Paint mixer. 2,061,547; Nov. 24.
Burgess, C. F., Laboratories, Inc. (See Hartsock, Guy M., assignor.)
Burnette, William A., Hartford, Mich., assignor to Cookware Company of America, Hartford, Mich. Combination skillet structure. 2,061,610; Nov. 24.
Burns, Laurence, Revere, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electric discharge lamp. 2,061,892; Nov. 24.
Burroughs Adding Machine Company. (See Muller, Robert L., assignor.)
Burton-Dixie Corporation. (See Wesley, Arthur, assignor.)
Burton, Robert N., River Forest, Ill., assignor to Kirchen Bros. Inc., Chicago, Ill. Artificial flower-making device. 2,062,276; Nov. 24.
Cabana, Louis, assignor to Liquid Veneer Corporation, Buffalo, N. Y. Wax applicator. 2,062,049; Nov. 24.
Cady, John E., Indianapolis, Ind., assignor to United States Rubber Products, Inc., New York, N. Y. Printing apparatus. 2,061,893; Nov. 24.
Calkins, Raymond M., Deerfield, and J. W. Swank, Chicago, Ill. Building construction. 2,062,160; Nov. 24.
Callaway, Hal, Hollywood, Calif. Metal flashing. 2,062,050; Nov. 24.
Cameron Metal Tape Company. (See Cameron, William P., assignor.)
Cameron, William P., assignor to Cameron Metal Tape Company, Inc., Philadelphia, Pa. Venetian blind. 2,061,548; Nov. 24.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,062,207; Nov. 24.
Campbell, Julian A., Long Beach, Calif. Liquid and gas contacting apparatus. 2,061,830; Nov. 24.
Campbell, Osmon B., St. Joseph, Mo. Method and apparatus for operating steam generators. 2,061,831; Nov. 24.
Campbell, Stanley T., assignor to The Aetna Rubber Company, Cleveland, Ohio. Vent plug for storage batteries. 2,061,649; Nov. 24.

Carborundum Company, The. (See Benner, R. C., Mahlman, and Rossow, assignors.)
Cardella, William M. (See Drake, L. D., and Cardella.)
Carlson, Bert G., Queens Village, N. Y., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Constrained directional gyroscope. 2,061,894; Nov. 24.
Carroll, Joseph H. (See Malone, J. Y., Carroll, and McKee.)
Carswell, Firman L., Manufacturing Company, The. (See Morphy, John A., assignor.)
Cartter, William G., Monrovia, Calif. Burner for hydrocarbon gases. 2,061,561; Nov. 24.
Cartter, William G., Monrovia, Calif. Burner for hydrocarbon gases. 2,061,562; Nov. 24.
Casey, Ernest R., Evanston, Wyo. Claw bar. 2,061,754; Nov. 24.
Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Angeles, Calif. Roller bit. 2,061,650; Nov. 24.
Cavazza, Benjamin A., North Adams, Mass. Mouthpiece. 2,061,550; Nov. 24.
Celanese Corporation of America. (See Dickie, W. A., and Moncrieff, assignors.)
Celanese Corporation of America. (See Hale, F. C., and Yeadon, assignors.)
Central United National Bank, Trustee. (See Saunders, O. G., and Christ, assignors.)
Chain Belt Company. (See Ball, Charles F., assignor.)
Chaincraft, Inc. (See Rasch, Henry, assignor.)
Challenor, William A. P. (See Crawford, F. A. F., and Challenor.)
Chambers, John T., New Orleans, La., and W. Lehman, South Milwaukee; said Lehman assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Hopper. 2,061,563; Nov. 24.
Chapman, Harold E., Pinner, England. Air filtering appliance for bottles. 2,061,958; Nov. 24.
Chase Companies, The. (See Crampton, D. K., and Mitchell, assignors.)
Chase Companies, The. (See Roath, Edward W., assignor.)
Chase, Raymond H., Providence, assignor to W. W. Potter, Pawtucket, R. I. Splicing yarn. 2,061,549; Nov. 24.
Chatfield, Franklin, assignor to The Munsingwear Corporation, Minneapolis, Minn. Garment. 2,062,161; Nov. 24.
Chayka, Louis, Detroit, Mich. Fountain pen. 2,062,162; Nov. 24.
Cheever, Frederick L., Hanover, Mass., assignor to P. G. Flint, Brockton, Mass. Shoe and shank stiffener therefor. 2,061,959; Nov. 24.
Cheney, Charles W., Soho, Birmingham, England. Extensible hasp and hing fitting. 2,061,727; Nov. 24.
Chicago Pneumatic Tool Company. (See Meunier, Leon F., assignor.)
Chicago Retort & Fire Brick Co. (See Bankert, Fred H., assignor.)
Chilton, Roland, Ridgewood, N. J. Transmission. 2,061,895; Nov. 24.
Chilton, Roland, Ridgewood, N. J. Transmission. 2,061,896; Nov. 24.
Christ, George A. (See Saunders, O. G., and Christ.)
Christiansen, Clarence J. (See Guettler, H. W., and Christiansen.)
Christie, Samuel D. (See Panos, J. A., and Christie.)
Chrysler Corporation. (See Dunn, William T., assignor.)
Chrysler Corporation. (See Lee, Roger K., assignor.)
Cinch Manufacturing Corporation. (See Del Camp, Scipione M., assignor.)
Cincinnati Traction Building Co., The. (See Schoepf, T. H., and Ritchie, assignors.)
Claff, Clarence L., Randolph, Mass. Paper box. 2,062,085; Nov. 24.
Claff, Clarence L., Randolph, Mass. Paper box. 2,062,086; Nov. 24.
Clark, John T., Company. (See Winterbauer, Henry T., assignor.)
Clarkson, Richard G. (See Downing, F. B., and Clarkson.)
Clauser, Celeste H., administratrix. (See Eacock, C. J., and Clauser.)
Clauser, Claude H. (See Eacock, C. J., and Clauser.)
Clauson, Clas W., Brookline, Mass. Vehicle spring. 2,061,651; Nov. 24.
Clay, Murray G., Hasbrouck Heights, N. J., assignor to Radio Corporation of America. Multirange converter circuits. 2,061,611; Nov. 24.
Clayton Manufacturing Company. (See Griswold, Donald G., assignor.)
Clearwater, Otto V., Hollis, N. Y., assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Food package and making the same. 2,062,249; Nov. 24.
Clingestein, Heinrich, Cologne, W. Petzold, and L. Hauck, Leverkusen, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Disazodyestuffs. 2,061,551; Nov. 24.
Cochran, Robert T. (See Knox, W. H., Jr., and Cochran.)
Coffman, Charles F. (See Coffman, James O., and C. F.)
Coffman, James O., and C. F. Coffman, Sykesville, Pa. Aging liquors. 2,061,960; Nov. 24.
Coleman, Robert H., Thomasville, N. C., assignor of one-fourth to Ragan Knitting Company and one-fourth to Maurice Mills Company, Inc., Thomasville, N. C. Knitting apparatus and method. 2,062,208; Nov. 24.
Collette Manufacturing Company, The. (See Heck, Albert F., assignor.)
Collette Manufacturing Company. (See Robinson, Eli A., assignor.)
Collingbourne, Albert B., Elgin, Ill. Guide for making lace and the like. 2,061,612; Nov. 24.
Collins & Aikman Corporation. (See Hiers, Glen S., assignor.)
Colman, Howard D. (See Lilja, Edgar D., assignor.)
Colton, Arthur, Company. (See Kath, Alfred W., assignor.)
Columbus McKinnon Chain Corporation. (See Stahl, Frank E., assignor.)
Compagnie des Forges et Acieries de la Marine et d'Homecourt et al. (See Daum, Leon, assignor.)
Compressed Paper Box Corporation, The. (See Wilson, Clarence C., assignor.)
Connor, Roger L., and D. A. Nevin, assignors to The McBee Company, Athens, Ohio. Leaf inserting device. 2,061,996; Nov. 24.
Conrad, Nicholas J., Winnetka, Ill., assignor, by mesne assignments, to Schweitzer & Conrad, Inc., Chicago, Ill. Resistance unit and mounting therefor. 2,062,163; Nov. 24.
Continental Can Company. (See Fink, Henry A., assignor.)
Continental Can Company. (See Robison, Samuel C., assignor.)
Cook, David F., Cheyenne, Wyo. Internal combustion engine. 2,062,209; Nov. 24.
Cookware Company. (See Burnette, William A., assignor.)
Cooper, Hugh S., Cleveland, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Electron emission device. 2,061,755; Nov. 24.
Copperweld Steel Comany. (See Billiter, Jean, assignor.)
Cotterman, Frederick W., Dayton, Ohio, assignor of one-half to B. D. Apple, Dayton, Ohio. Power transmission mechanism. 2,061,832; Nov. 24.
Cottrell, Herbert T., Vancouver, British Columbia, Canada. Hose supporter. 2,062,087; Nov. 24.
Cowgill, William W., Fairfield, Conn., and J. N. Pease, Scarsdale, N. Y., assignors to Sardik Incorporated, Jersey City, N. J. Container. 2,061,613; Nov. 24.
Crago, Paul H., Wilkinsburg, and A. E. Dodd, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,061,756; Nov. 24.
Crampton, Donald K., Marion, and N. W. Mitchell, assignors to The Chase Companies, Incorporated, Waterbury, Conn. Corrosion-resistant tube. 2,061,897; Nov. 24.
Crane Packing Company. (See Brackett, Newell, assignor.)
Crawford, Frederick A. F., West Kilbride, and W. A. P. Challenor, Ardrossan, England, assignors to Imperial Chemical Industries Limited. Nitration of glycerin. 2,061,728; Nov. 24.
Croasdale, John P., Berwyn, Pa. Lamp shade support. 2,061,757; Nov. 24.
Crocker-Wheeler Electric Manufacturing Company. (See Edmunds, Howard M., assignor.)
Crocker-Wheeler Electric Manufacturing Company. (See Spencer, Millard C., assignor.)
Crum, Roland R., Whittier, assignor of one-fourth to E. A. Perkins and three-eighths to F. W. Brainard, both of Whittier, Calif. Structure for roller bits. 2,061,933; Nov. 24.
Cuddigan, Bartholomew O., Wadena, assignor of one-third to J. Schaefer, St. Cloud, and one-third to B. J. Mondloch, St. Martin, Minn. Cultivator. 2,061,694; Nov. 24.
Culver, Carl H., and C. G. Lee, assignors to Culver Manufacturing Company, Detroit, Mich. Connecter for electric circuits. 2,061,961; Nov. 24.
Culver Manufacturing Company. (See Culver, C. H., and Lee, assignors.)
Cundiff, Charles W., Owensboro, Ky. Ditching and grading machine. 2,062,210; Nov. 24.
Cunningham, James M. (See Bryce, J. W., Daly, and Cunningham.)
Currie, Otis C. (See Sherman, J. D., Reed, and Currie.)
Currie, Robert A., Syracuse, assignor to R. E. Dietz Company, New York, N. Y. Tubular lantern. 2,062,051; Nov. 24.
Curtiss Aerocar Company. (See Robinson, Harold H., assignor.)
Cutler-Hammer, Inc. (See Krieger, Alvin W., assignor.)
Dalrymple, Ferdinand H. (See Ward, W. J., Bauerle, and Dalrymple.)
Dalton, Robert F., Mansfield, Ohio. Toy. 2,061,695; Nov. 24.
Daly, George F. (See Bryce, J. W., and Daly.)
Daly, George F. (See Bryce, J. W., Daly, and Cunningham.)
Darroch, Gourley, Executor. (See Apple, Vincent G.)
Daum, Leon, assignor of one-half to Compagnie des Forges et Acieries de la Marine et d'Homecourt, and one-half to Schneider & Cie., Paris, France. Ammunition supplying device. 2,062,212; Nov. 24.

Davenport, Charles W., Gunter, Tex. Cotton stalk knocker. 2,061,791; Nov. 24.
Davidson, Bruce J., Kew Gardens, N. Y., assignor to National Biscuit Company, New York, N. Y. Carton. 2,062,164; Nov. 24.
Davidson, Bruce J., Kew Gardens, N. Y., assignor to National Biscuit Company, New York, N. Y. Display stand. 2,062,165; Nov. 24.
Davis, Kenneth, Cresson, assignor of one-half to S. W. Blakslee, Pottsville, Pa. Separating machine and process. 2,062,211; Nov. 24.
Dayson, Sylvester, Baird, Tex., and J. R. Parten, Shreveport, La. Reactivating hydrocarbons. 2,061,792; Nov. 24.
Dayton Rubber Mfg. Company, The. (See Rockoff, Joseph, assignor.)
De Bats, Jean H. L., East Orange, N. J. Apparatus for making powdered metals. 2,061,696; Nov. 24.
Debrie, André L. V. C., Paris, France. Developing machine. 2,061,552; Nov. 24.
Decarie Incinerator Corporation. (See Lewers, George R., assignor.)
De La Mater, Robert G., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Torque reaction device for brakes. 2,061,866; Nov. 24.
De Laval Separator Company, The. (See Scott, Walter A., assignor.)
Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Plug and socket shield and ground connecter. 2,062,256; Nov. 24.
Delcroix, Pierre, Voiron, assignor to Papeteries Navarre, Lyon, France. Manufacture of cellulose pulp. 2,061,935; Nov. 24.
De Luca, Joseph, assignor to Sentry Safety Control Corporation, Philadelphia, Pa. Safety device for motion picture projectors. 2,061,793; Nov. 24.
Delwiche, Jean, New York, N. Y. Game apparatus. 2,062,166; Nov. 24.
Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Pressure regulator. 2,061,794; Nov. 24.
Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Pressure regulator. 2,061,795; Nov. 24.
De Motte, Maurice P., Indianapolis, Ind., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Motor. 2,061,898; Nov. 24.
De Muynck, Alphonse, Alost, Belgium. Automatically variable speed transmission. 2,061,867; Nov. 24.
De Roode, Trimble, New York, N. Y. Cinematography and apparatus for use therein. 2,061,652; Nov. 24.
Des Roches, Donald W., Toronto, Ontario, Canada. Closure for containers. 2,061,796; Nov. 24.
Detroit Lubricator Company. (See Dillman, Earnest J., assignor.)
Detroit Lubricator Company. (See Weber, Walter H., assignor.)
Diamond Decorative Leaf Co. (See Kurz, Konrad, assignor.)
Diamond Expansion Bolt Company. (See Pleister, Henry W., assignor.)
Dickie, William A., and R. W. Moncrieff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of textile yarns. 2,061,614; Nov. 24.
Diebold Safe & Lock Company. (See Miller, William C., assignor.)
Dieny, Alfred E., Viroflay, France. Dispensing system for lubricants and the like. 2,062,213; Nov. 24.
Dieter, William, Newark, N. J. Brake system for automobiles. 2,062,167; Nov. 24.
Dietz, R. E., Company. (See Currie, Robert A., assignor.)
Di Figlia, Vincent, Brooklyn, N. Y. Lamp support and clamp. 2,062,214; Nov. 24.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,062,262; Nov. 24.
Dill Manufacturing Company, The. (See Goff, W. F., and Tobold, assignors.)
Dobler, Fritz. (See Bosshart, J., and Dobler.)
Dodd, Arthur E. (See Crago, P. H., and Dodd.)
Domizi, Dario, Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Primary electric cell. 2,061,899; Nov. 24.
Dondlinger, Eugene J., Chicago, Ill. Transport vehicle construction. 2,062,120; Nov. 24.
Donolac Corporation. (See Buckmaster, Ben S., assignor.)
Dorrel, Theron W., Santa Barbara, Calif. Comb. 2,061,697; Nov. 24.
Dorst, Paul W. (See Reed, R. F., Dorst, and George.)
Douglas, Edwin R., Baltimore, Md., J. J. Heins, Jr., and A. Edel, Philadelphia, Pa., assignors to H. Barker, Montclair, N. J. Tubular saw. 2,062,257; Nov. 24.
Downing, Frederick B., Carneys Point, N. J., and R. G. Clarkson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphonic acid derivatives of aliphatic hydrocarbons useful as wetting and cleansing agents. 2,061,617; Nov. 24.
Downing, Frederick B., Carney's Point, N. J., and R. G. Clarkson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphonated hydrocarbon derivatives. 2,061,618; Nov. 24.
Downing, Frederick B., Carney's Point, N. J., and R. G. Clarkson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphonated aliphatic hydrocarbon derivatives, useful as wetting and cleansing agents. 2,061,619; Nov. 24.
Downing, Frederick B., Carney's Point, N. J., and R. G. Clarkson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphonated derivatives of aliphatic hydrocarbons useful as wetting and cleansing agents. 2,061,620; Nov. 24.
Downington Manufacturing Company. (See Standley, Albert H., assignor.)
Drake, Lewis D., Mountain View, and W. M. Gardella, Oakland, Calif., said Gardella, assignor of one-third to said Drake. Diffusion impeller deflector. 2,061,504; Nov. 24.
Draper Corporation. (See Brown, Carl D., assignor.)
Draper Corporation. (See Noyes, Ira W., assignor.)
Draper, Ernest E., Scarsdale, assignor to The Perser Corporation, New York, N. Y. Apparatus for making stereoscopic positives from negatives. 2,061,729; Nov. 24.
Dreyer, John F., Cincinnati, Ohio, assignor to The Formica Insulation Company. Flexible veneer and making same. 2,062,088; Nov. 24.
Dreyfus, Henry, London, England. Treatment of fibers or like materials. 2,061,565; Nov. 24.
Dreyfus, Henry, London, England. Manufacture of aliphatic acids, anhydrides and ketones. 2,061,615; Nov. 24.
Dreyfus, Henry, London, England. Production of cellulose. 2,061,616; Nov. 24.
Dual Parking Meter Company. (See Johns, Herman S., assignor.)
Dubus, Peter A., New Orleans, La. Recovering waste flour and dough. 2,062,215; Nov. 24.
Duhring, Edwin L. (See Brizzolara, A. A., Duhring, and Erskine.)
Dunn, Irwin L., assignor to Dunn & Lewis, Tulsa, Okla. Rod line connecter control. 2,062,258; Nov. 24.
Dunn & Lewis. (See Dunn, Irwin L., assignor.)
Dunn & Lewis. (See Lewis, James O., assignor.)
Dunn, William T., assignor to Chrysler Corporation, Detroit, Mich. Power transmitting device. 2,061,997; Nov. 24.
Du Pont, E. I., de Nemours and Company. (See Brizzolara, A. A., Duhring, and Erksine, assignors.)
Du Pont, E. I., de Nemours & Company. (See Downing, F. B., and Clarkson, assignors.)
Du Pont, E. I., de Nemours & Company. (See Hunter, Archibald S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Izard, Emmette F., assignor.)
Du Pont, E. I., de Nemours and Company. (See Kubelka, P., and Srbek, assignors.)
Du Pont, E. I., de Nemours & Company. (See Lenher, Samuel, assignor.)
Du Pont, E. I., de Nemours and Company. (See McKinney, R. M., and Smith, assignors.)
Duro Company, The. (See Zimmerman, A. C., and Steger, assignors.)
Dwight, Hubert D. (See Barnes, D. M., and Dwight.)
Eacock, Charles J., Kansas City, and C. H. Clauser, deceased, late of Kansas City, Mo., by C. H. Clauser, administratrix, South Pasadena, Calif. Fluid feeding device. 2,061,566; Nov. 24.
Eastman, Samuel G., Belvidere, Ill. Bearing. 2,061,758; Nov. 24.
Easton, William, Passaic, N. J. Safety razor blade holder. 2,061,900; Nov. 24.
Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Control mechanism. 2,062,089; Nov. 24.
Eberhardt, Ernst, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing diacetyl. 2,062,263; Nov. 24.
Eckstein, Harry H., Beverly Hills, Calif. Permanent wave curler. 2,061,998; Nov. 24.
Edel, Alexander. (See Douglas, E. R., Heins, and Edel.)
Edmunds, Howard M., New York, N. Y., assignor to Crocker-Wheeler Electric Manufacturing Company, Ampere, N. J. Overspeed switch. 2,062,121; Nov. 24.
Egloff, Gustav, and A. Fisher, assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,061,833; Nov. 24.
Ehrhart, Gustav. (See Bockmühl, M., Schaumann, Ehrhart, and Stein.)
Eisenhauer, Charles P., Dayton, Ohio. Water softener. 2,061,597; Nov. 24.
Eitel, William W. and J. McCullough, San Bruno, assignors to Heintz & Kaufman, Ltd., San Francisco, Calif. Forming electrodes. 2,061,759; Nov. 24.
Electric & Musical Industries Limited. (See Blumlein, Alan D., assignor.)
Electric Storage Battery Company, The. (See Grothe, Ernest F. H., assignor.)
Electric Storage Battery Company, The. (See Smith, E. W., and Hall, assignors.)
Empire Metal Cap Co., The. (See Merolle, Augustus L., assignor.)
Engel, Sylvan, Brooklyn, N. Y. Chain and lock combination. 2,062,020; Nov. 24.

Engelfried, Charles, assignor to The J. Bird Moyer Company, Inc., Philadelphia, Pa. Mouth prop. 2,061,936; Nov. 24.
Entwistle, James L., Barrington, R. I. Toy horse racing game. 2,062,168; Nov. 24.
Erskine, Archibald M. (See Brizzolara, A. A., Duhring, and Erskine.)
Essig, Sanford F., Philadelphia, Pa., assignor to Radio Corporation of America. Making a photosensitive device. 2,062,122; Nov. 24.
Eustis, J. P., Manufacturing Company. (See Spencer, Allard W., assignor.)
Evans, John G., and H. A. Piggott, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Color stripping process. 2,061,621; Nov. 24.
Everett, Zelma R., and K. F. V. Nygaard, Philadelphia, Pa. Shoe protecting device. 2,062,123; Nov. 24.
Ewart, Archibald, assignor of one-half to R. M. Welch, Chicago, Ill. Apparatus for treating ores. 2,061,698; Nov. 24.
Fabriques de Produits de Chimie Organique de Laire. (See Armenault, René, assignor.)
Facer, Leroy H., Phelps, N. Y. Producing superphosphate fertilizer and product thereof. 2,061,567; Nov. 24.
Falstrom, Henry W. (See Kastner, E. C., and Falstrom.)
Farrell, Robert C. (See Brown, E. W., and Farrell.)
Fatland, Conrad, Mount Prospect, Ill. Mop. 2,061,568; Nov. 24.
Fay, George W., Philadelphia, Pa. Merchandising display rack. 2,061,937; Nov. 24.
Fechtner, Josef, San Francisco, Calif. Beet harvesting machine. 2,061,834; Nov. 24.
Felt & Tarrant Mfg. Co. (See Niemann, Frederick A., assignor.)
Ferney, Daniel F., Grand Rapids, Mich. Extensible top table. 2,061,622; Nov. 24.
Fibre Making Processes, Inc. (See Guettler, H. W., and Christiansen, assignors.)
Fineman, Saul I. (See Birek, John, assignor.)
Fink, Henry A., assignor to Continental Can Company, Inc., New York, N. Y. Container. 2,062,216; Nov. 24.
Firestone Tire & Rubber Company, The. (See Lewis, A. P., and Secrest, assignors.)
Firstone Tire & Rubber Cimpany, The. (See Saurer, Curt, assignor.)
Fischer, Albert C., Chicago, Ill. Composition sheet. 2,061,569; Nov. 24.
Fisher, Alfred. (See Egloff, G., and Fisher.)
Fisher, Alfred J., assignor to General Motors Corporation, Detroit, Mich. Division molding for a windshield. 2,061,760; Nov. 24.
Fisher, David P., Wellington, New Zealand. Sound head for reproducing sound from sound films. 2,062,217; Nov. 24.
Fitch, Ellery R., Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Quick service valve mechanism. 2,061,901; Nov. 24.
Fitzgerald Manufacturing Company, The. (See Fitzgerald, Patrick J., assignor.)
Fitzgerald, Patrick J., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Electrical utility device. 2,061,868; Nov. 24.
Flaws, John, Jr., Cleveland Heights, Ohio, assignor to General Electric Company. Coating filaments and similar articles. 2,062,124; Nov. 24.
Flint, Perley G. (See Cheever, Frederick L., assignor.)
Forester, Jesse M., Pennington Gap, Va. Sandwich cutting machine. 2,062,170; Nov. 24.
Formica Insulation Company, The. (See Dreyer, John F., assignor.)
Foss, Clifton T., Stewart Manor, N. Y., assignor to Arma Engineering Co., Inc., Brooklyn, N. Y. Antifriction bearing. 2,061,999; Nov. 24.
Foster, Everette M., assignor to The Turner Company, Cedar, Rapids, Iowa. Microphone plug. 2,062,125; Nov. 24.
Fox, Robert A., assignor to The Lorain Telephone Company, Lorain, Ohio. Radio signaling system. 2,061,699; Nov. 24.
Franch, Allen J., St. Paul, Minn. Antifriction bearing. 2,061,653; Nov. 24.
French Oil Mill Machinery Company, The. (See Stacy, Thomas F., assignor.)
Friess, Gustave A., Rye, assignor to News Syndicate Co. Inc., New York, N. Y. Apparatus for washing the doctor blades of printing presses. 2,061,730; Nov. 24.
Frolich, Per K., Roselle, and P. J. Wiezevich, Elizabeth, N. J., assignors to Standard Oil Development Company. Impregnated fibrous material. 2,061,570; Nov. 24.
Fuchs, Nathaniel, Linden, N. J., assignor, by mesne assignments, to Plaskon Company, Incorporated. Production of crystalline products by condensing urea and formaldehyde. 2,062,171; Nov. 24.
Gearder, Herbert M., and C. W. Becker, Chicago, Ill., assignors to Wilson & Co., Inc. Air filter. 2,062,090; Nov. 24.
Gabriele, Carlo, Youngstown, Ohio. Antiskid attachment for shoes. 2,061,962; Nov. 24.
Gabriele, Carlo, Youngstown, Ohio. Antiskid attachment for shoes. 2,061,963; Nov. 24.
Gaines, Florence E. (See Wheeler, Wellington B., assignor.)
Gaiser, Paul, Sellersville, Pa., assignor to United States Gauge Company, New York, N. Y. Diaphragm gauge. 2,061,761; Nov. 24.
Gallon Metallic Vault Company, The. (See Smith, Ralph E., assignor.)
Garand, George, Champlain, N. Y. Locking pin for brake shoes. 2,061,964; Nov. 24.
Garelli, Adalberto, Milan, Italy. Governor for reciprocating engines. 2,062,000; Nov. 24.
Gasoline Products Company. (See Atwell, Harold V., assignor.)
Geigy, J. R., A. G. (See Bosshart, J., and Dobler, assignors.)
General Aniline Works, Inc. (See Clingestein, H., Petzold, and Hauck, assignors.)
General Aniline Works, Inc. (See Tischbein, Willy, assignor.)
General Chemical Company. (See Tyson, Paul L., assignor.)
General Electric Company. (See Flaws, John, Jr., assignor.)
General Electric Compony. (See Lingard, Herbert A., assignor.)
General Electric Company. (See Prince, David C., assignor.)
General Fibre Products, Incorporated. (See Hamerstadt, William D., assignor.)
General Motors Corporation. (See Fisher, Alfred J., assignor.)
General Motors Corporation. (See Horlacher, Elmer L., assignor.)
General Motors Corporation. (See McCormack, Alex A., assignor.)
General Motors Corporation. (See Short, Charles R., assignor.)
General Motors Corporation. (See Smith, Lloyd E., assignor.)
General Motors Corporation. (See Van Deventer, Harry R., assignor.)
General Railway Signal Company. (See Rees, Frank X., assignor.)
General Refractories Company. (See Heuer, Russell P., assignor.)
General Refrigeration Corporation. (See Swart, Richard H., assignor.)
Geophysical Research Corporation. (See Weatherby, Benjamin B., assignor.)
George, Anthony. (See Reed, R. F., Dorst, and George.)
George, William I. F. (See Poirier, Maurice, assignor.)
Gerbert, Otto F. (See Hofmann, W., and Gerbert.)
Gerhard, Charles E., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Multiple aerial switch. 2,062,172; Nov. 24.
Gerlach, Frank A., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Cylinder construction for washing machines or the like. 2,062,021; Nov. 24.
Gernandt, Waldo G., Hayward, Calif. Engine. 2,061,571; Nov. 24.
Gerrish, Roy I. (See Whisk, Samuel, assignor.)
Gibson, George M., assignor to National Metal Products Company, Waterloo, Iowa. Valve mechanism for controlling a drier. 2,062,126; Nov. 24.
Gielen, Cyrille, Sr., West Paterson, N. J. Gas tank safety valve. 2,062,218; Nov. 24.
Gilbert, Clara B. (See Bohannon, W. A., and Gilbert.)
Gilbert, James W., and E. F. Walker, Johnstown, Pa. Refrigerating system. 2,061,869; Nov. 24.
Gillet, Alexis F., assignor to Jubilee Manufacturing Co., Omaha, Nebr. Reed actuated signal. 2,061,762; Nov. 24.
Gillette Safety Razor Company. (See Testi, Nicholas, assignor.)
Gilstrap, Clarence L., H. T. Smith, and F. L. Ralston, La Grande, Oreg. Hydraulic brake. 2,061,763; Nov. 24.
Ginn, Horace S., Bell, assignor of one-half to W. Kelm, Santa Ana, Calif. Rotary internal combustion engine. 2,062,219; Nov. 24.
Girdler Corporation, The. (See Clearwater, Otto V., assignor.)
Girdler Corporation, The. (See Routh, Almond C., assignor.)
Girdler Corporation, The. (See Vogt, Clarence W., assignor.)
Glines, Frederick S., Lynn, assignor to The Peerless Machinery Company, Boston, Mass. Method of and machine for making shoes. 2,061,700; Nov. 24.
Globe Oil Tools Company. (See Catland, Alfred C., assignor.)
Globe Oil Tools Company. (See Howard, John H., assignor.)
Globe Steel Abrasive Company, The. (See Kann, Gustave H., assignor.)
Gmeinder, Anton, Mosbach, Germany. Clutch control mechanism. 2,061,701; Nov. 24.
Goble, James D., Los Angeles, Calif. Inkwell. 2,062,022; Nov. 24.
Goddard, Alvin C., Forest Hills, and R. P. Le Viness, Queens Village, N. Y. Wall construction. 2,061,702; Nov. 24.
Goerdes, Frederick W. (See Hiering, W. C., and Goerdes.)

Goff, William F., Akron, and E. F. Tobold, Cleveland, assignors to The Dill Manufacturing Company, Cleveland, Ohio. Machine for making valve stem bases. 2,061,654; Nov. 24.
Golden, John R., Hammond, Ind. Valve. 2,061,703; Nov. 24.
Goldsborough, John B., Croton-on-Hudson, N. Y. Sanitary fermentation and dehydrating apparatus. 2,062,264; Nov. 24.
Gooch, Stapleton D., Pembroke, Fla. Apparatus for phosphorus recovery. 2,062,091; Nov. 24.
Goodrich, B. F., Company, The. (See Semon, Waldo L., assignor.)
Goserud, Chester O., St. Paul, Minn. Sash holder. 2,061,572; Nov. 24.
Gosselin, Armand, Montreal, Quebec, Canada. Holder for disposable receptacles. 2,062,023; Nov. 24.
Gould, Merton H., Doyer-Foxcroft, Maine. Ice-creeper. 2,061,870 Nov. 24.
Goulden, George H., Denver, Colo. Crankshaft grinder. 2,061,764; Nov. 24.
Graeser, Margaret S., Oak Park, Ill. Lunch box. 2,061,965; Nov. 24.
Granat, Joseph, San Francisco, Calif. Ring. 2,061,655; Nov. 24.
Grandone, Peter. (See Smith, H. M., and Grandone.)
Grandone, Peter. (See Smith, H. M., Grandone, and Rall.)
Grenier, Gerard C., Albany, N. H. Tobacco pouch. 2,062,001; Nov. 24.
Grimscom-Russell Company, The. (See Price, Joseph, assignor.)
Griswold, Donald G., Los Angeles, assignor, by mesne assignments, to Clayton Manufacturing Company, Alhambra, Calif. Method and apparatus for compressing gas. 2,061,938; Nov. 24.
Groll, Herbert P. A., Oakland, and G. Hearne, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Treatment of unsaturated polyhalides. 2,062,002; Nov. 24.
Crossweischede, Julius. (See Wallmann, C., Crossweischede, and Kruse.)
Grothe, Ernest F. H., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Storage battery and gravity indicating means. 2,061,573; Nov. 24.
Guenther, Henry L., Los Angeles, Calif. Noncircular can double seaming machine. 2,062,024; Nov. 24.
Guettler, Herbert W., Glencoe, and C. J. Christiansen, Evanston, assignors to Fibre Making Processes, Inc., Chicago, Ill. Strainer for pulp digesters. 2,062,127; Nov. 24.
Gumpert, S. Co. (See West, Fred, assignor.)
Guthrie, Charles C., Pittsburgh, Pa. Decclerator. 2,061,656; Nov. 24.
Guy, Jean E., Ville d'Avray, France. Folding vehicle. 2,061,623; Nov. 24.
Guyot, Marius, Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Permanent mold. 2,061,765; Nov. 24.
Gwyn, Childress B., Jr., assignor, by mesne assignments, to P. R. Mallory & Co., Inc., Indianapolis, Ind. Silver alloy. 2,061,624; Nov. 24.
Haines, Marcus W., Long Beach, assignor, by mesne assignments, of one-half to The Technicraft Engineering Corporation, Los Angeles, Calif. Ammunition. 2,061,835; Nov. 24.
Hale, Frank C., and R. Yeadon, Spondon, near Derby, England, assignors to Celanese Corporation of America. Circular loom. 2,061,625; Nov. 24.
Hall, Clarence A. (See Smith, E. W., and Hall.)
Hall, Gardiner, Jr., Company, The. (See McBee, William R. L., assignor.)
Hamacher, Votia A. (See Horsey, Andrew H., assignor.)
Hamerstadt, William D., assignor to General Fibre Products, Incorporated, Indianapolis, Ind. Pivotal mounting for pulley structures. 2,062,128; Nov. 24.
Hamilton, Perry H., Baltimore, Md., assignor to Maintenance Equipment Company, Chicago, Ill. Wheel flange oiler. 2,061,731; Nov. 24.
Hammarstrom, Nestor. (See Viberg, Sven G., assignor.)
Hammer, Samuel, assignor to United Metal Box Co., Inc., Brooklyn, N. Y Venetian blind. 2,061,939; Nov. 24.
Hammond Brass Works. (See Kiley, Edward J., assignor.)
Hammond, John H., Jr., Gloucester, Mass. Navigational guide system. 2,062,003; Nov. 24.
Hanks, Marshall W., and G. H. Nelson, assignors to Hankscraft Company, Madison, Wis. Liquid conductor heater. 2,061,837; Nov. 24.
Hankscraft Company. (See Hanks, M. W., and Nelson, assignors.)
Hannay, David H., Cheadle Hulme, Cheshire, England. Rug-making tool 2,061,766; Nov. 24.
Hannibal Car Wheel and Foundry Company. (See Mulvihill, Daniel C., assignor.)
Hänschke, Albert, Kiel, Germany, assignor to Fried. Krupp Germaniawerft Aktiengesellschaft, Kiel-Gaarden, Germany. Turbine plant. 2,061,902; Nov. 24.
Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Superheterodyne receiver. 2,062,004; Nov. 24.
Hargy, Sr., Harry E., Sycamore Township, Hamilton County, Ohio. Buffing wheel. 2,061,940; Nov. 24.
Harmon, Wayne A. S., Los Angeles, Calif., assignor, by mesne assignments, to G. C. Peckham. Process and apparatus for cracking hydrocarbons. 2,061,836; Nov. 24.
Harrington, Joseph, Riverside, Ill. Method and apparatus for treating moisture-containing substances. 2,062,025; Nov. 24.
Harris, William A., Greenville, S. C. Tire inflating and deflating apparatus. 2,062,220; Nov. 24.
Hartman, Frank H., Norwood, Ohio. Manufacturing inlaid wood articles. 2,062,175; Nov. 24.
Hartsock, Guy M., South Bend, Ind., assignor, by mesne assignments, to C. F. Burgess Laboratories, Inc., Chicago, Ill. Carburetor muffler. 2,061,903; Nov. 24.
Haskell, Howze, assignor to James River Paper Products, Inc., Richmond, Va. Making sealed bags. 2,062,265; Nov. 24.
Haskins, Butler J., assignor to Joseph Weidenhoff, Inc., Chicago, Ill. Apparatus for measuring the flow of automobile fuel pumps. 2,062,173; Nov. 24.
Haskins, Butler J., and R. W. Reitherman, assignors to Joseph Weidenhoff, inc., Chicago, Ill. Electron discharge oscilliograph. 2,062,174; Nov. 24.
Hassel, Nels H., Los Angeles, Calif. Tiltable running board for motor vehicles. 2,062,026; Nov. 24.
Hauck, Ludwig. (See Clingestein, H., Petzold, and Hauck.)
Hawes, Charlie L., Ashtabula, Ohio. Grinding and polishing apparatus. 2,061,626; Nov. 24.
Hazeltine Corporation. (See Wheeler, Harold A., assignor.)
Hearne, George. (See Groll, H. P. A., and Hearne.)
Hebert, Raoul J., Worcester, Mass. Pattern gate construction. 2,061,798; Nov. 24.
Heck, Albert F., assignor to The Collette Manufacturing Company, Amsterdam, N. Y. Bladder for footballs and the like. 2,062,247; Nov. 24.
Heck, Albert F., assignor to The Collette Manufacturing Company, Amsterdam, N. Y. Making bladders for footballs and the like. 2,062,248; Nov. 24.
Hedding, Linnie K. (See Witmer, H. G., and Hedding.)
Hefele, Edward J., Amityville, N. Y. Loop antenna. 2,062,129; Nov. 24.
Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Knitting. 2,062,221; Nov. 24.
Heinitz, Woldemar, assignor to Schubert & Salzer, Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Auxiliary presser. 2,062,222; Nov. 24.
Heinitz, Woldemar, assignor to Schubert & Salzer, Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Device for limiting the movements of thread guide bars. 2,062,223; Nov. 24.
Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Clock attachment for flat knitting machines. 2,062,224; Nov. 24.
Heins, John J., Jr. (See Douglas, E. R., Heins, and Edel.)
Heintz & Kaufman, Ltd. (See Eltel, W. W., and McCullough, assignors.)
Helping Hand Institute, The. (See Olson, Carl A., assignor.)
Hennigan, Charles E., Providence, R. I. Window lock. 2,062,176; Nov. 24.
Heraens-Vacuumschmelze A. G. (See Hessenbruch, Werner, assignor.)
Hercules Powder Company. (See Norman, G. M., and Bitting, assignors.)
Herod, Omar L., Point Marion, Pa. Head rest. 2,062,056; Nov. 24.
Herron, Ollie L., Chicago, Ill., assignor to Herron-Zimmers Moulding Co. Vehicle roof. 2,062,177; Nov. 24.
Herron-Zimmers Moulding Co. (See Herron, Ollie L., assignor.)
Hess, Fred G. (See Mallsoff, W. M., and Hess.)
Hessenbruch, Werner, assignor to Heraens-Vacuumschmelze, A. G., Hanau-on-the-Main, Germany. Heat treating nickel-beryllium alloys. 2,062,130; Nov. 24.
Hester, Loring B., assignor of one-third to R. R. Wooten, Tallahassee, Fla. Signal. 2,061,871; Nov. 24.
Heuer, Russell P., Bryn Mawr, Pa., assignor to General Refractories Company. Silica brick and making the same. 2,062,005; Nov. 24.
Hewitt, Ellis E., Edgewood, Pa assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Air strainer device. 2,061,904; Nov. 24.
Hewitt, Ellis E., Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Flexible diaphragm. 2,061,905; Nov. 24.
Hewitt, Ellis E., Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Pedestal brake valve device. 2,061,906; Nov. 24.
Hiering, William C., and F. W. Goerdes, assignors to The J. E. Mergott Company, Newark, N. J. Bag frame fastener. 2,061,907; Nov. 24.
Hiers, Glen S., Bala-Cynwyd, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Impregnating 2,062,178; Nov. 24.
Hilpman, John H., Hollis, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,061,872; Nov. 24.
Hintz, John C., River Forest, assignor to Tenderet Corporation, Chicago, Ill. Meat tenderer. 2,061,799; Nov. 24.
Hirsch, Joseph, assignor to Kops Brothers Inc., New York, N. Y. Garment. 2,062,131; Nov. 24.
Hobby, William H., Miami, Fla. Automobile license plate holder. 2,062,057; Nov. 24.

Hobson, Roy C., Willoughby Township, Lake County, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,061,767; Nov. 24.
Hodgson, Herbert H., Huddersfield, England, assignor to Imperial Chemical Industries Limited. Manufacture of nitronaphthylamines. 2,061,627; Nov. 24.
Hodson, Walter D., Beverly Hills, Ill. Forming lubricated wire rope cores. 2,062,059; Nov. 24.
Hodson, Walter D., Beverly Hills, Ill. Cordage lubrication. 2,062,060; Nov. 24.
Hodson, Walter D., Beverly Hills, Ill. Incorporating lubricant. 2,062,061; Nov. 24.
Hodson, Walter D., Beverly Hills, Ill. Cordage lubrication. 2,062,062; Nov. 24.
Hofmann & Leavy, Inc. (See Lawson, H. L., and Stampfli, assignors.)
Hofmann, Willy, West New York, and O. F. Gerbert, Union City, N. J., assignors to Hopeck Manufacturing Company, Inc., New York, N. Y. Turfing machine. 2,062,027; Nov. 24.
Holm, Melvin M. (See Shiffler, W. H., and Holm.)
Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Material dislodging device. 2,061,574; Nov. 24.
Hookless Fastener Company. (See Norton, Samuel H., assignor.)
Hookless Fastener Company. (See Sipe, Harry E., assignor.)
Hookless Fastener Company. (See Sundback, Gideon, assignor.)
Hooper, Wm. E., & Sons Company. (See White, Clarence B., assignor.)
Hopeck Manufacturing Company. (See Hofmann, W., and Gerbert, assignors.)
Hopff, Heinrich. (See Kuehn, E., and Hopff.)
Horiacher, Elmer L., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Motor compressor unit for refrigerating apparatus. 2,062,052; Nov. 24.
Horsey, Andrew H., Mount Vernon, Wash., assignor of one-half to V. A. Hamachek, Kewaunee, Wis. Trailer. 2,062,053; Nov. 24.
Hossfeld, Albert, Winona, Minn. Friction grip for drilling machines. 2,061,768; Nov. 24.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Pouring spout can cover machine. 2,061,575; Nov. 24.
Howard, John H., Huntington Park, assignor to Globe Oil Tools Company, Los Nietos, Calif. Well bit. 2,061,657; Nov. 24.
Howarth, Harry A. S., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. Bearing. 2,061,966; Nov. 24.
Howarth, Harry A. S., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. Bearing. 2,061,966; Nov. 24.
Howe, Dwight B., Duncan, Okla. Oil well casing pump. 2,062,058; Nov. 24.
Howey, Walter, New York, N. Y. Engraving process and etching resist. 2,062,028; Nov. 24.
Hubbert, Leslie S., Edison, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Hydraulic compress. 2,061,658; Nov. 24.
Huck, Louis C., Grosse Pointe Village, assignor to Huxon Holding Corporation, Detroit, Mich. Riveted structure and making the same. 2,061,628; Nov. 24.
Huck, Louis C., Grosse Pointe Village, assignor to Huxon Holding Corporation, Detroit, Mich. Rivet. 2,061,629; Nov. 24.
Huffman, Mervin C., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,061,908; Nov. 24.
Huggins, Leroy G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,062,054; Nov. 24.
Hukill, William V., Clarendon, Va., dedicated to the free use of the Public. Device for measuring fluid velocity. 2,061,941; Nov. 24.
Humphrey, A. B., Co. (See Huston, James D., assignor.)
Hunt, Guy A., Butler, Pa. Mounting for amblyoscopes. 2,062,029; Nov. 24.
Hunt, J Harold, and A. P. Schweizer, assignors to Motor Wheel Corporation, Lansing, Mich. Treating brake drums. 2,061,769; Nov. 24.
Hunter, Archibald S., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Articles of manufacture. 2,062,179; Nov. 24.
Huston, James D., Imperial, assignor of one-half to A. B. Humphrey Co., Escalon, Calif. Precooler for refrigerator cars. 2,061,800; Nov. 24.
Hutton, John, Winnipeg, Manitoba, Canada. Heater. 2,061,873; Nov. 24.
Huxon Holding Corporation. (See Huck, Louis C., assignor.)
Huyett, Daniel D., assignor to Atlas Powder Company, Wilmington, Del. Wad cutting and placing machine. 2,061,576; Nov. 24.
Huyett, Daniel D., assignor to Atlas Powder Company, Wilmington, Del. Wadd cutting, forming, and placing machine. 2,061,577; Nov. 24.
Huyett, Daniel D., assignor to Atlas Powder Company, Wilmington, Del. Detonator leg wire assembly and winding the same. 2,061,578; Nov. 24.
Huyett, Daniel D., assignor to Atlas Powder Company, Wilmington, Del. Wire folding, cutting, and handling machine. 2,061,579; Nov. 24.
Hybinette, Victor N., Jackson, Mich. Ice making apparatus. 2,062,180; Nov. 24.
Hydraulic Press Corporation, The. (See Hubbert, Leslie S., assignor.)
Hygrade Sylvania Corporation. (See Burns, Laurence, assignor.)
Hygrade Sylvania Corporation. (See Kingston, Walter E., assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Eberhardt, Ernst, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Kuehn, E., and Hopff, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Mueller-Cunradi, M., and Pieroh, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Wilmanns, G., and von Kujawa, assignors.)
Ideal Roller & Manufacturing Company. (See Lippincott, Wells A., assignor.)
Imperial Chemical Industries Limited. (See Crawford, F. A. F., and Challenor, assignors.)
Imperial Chemical Industries Limited. (See Evans, J. G., and Piggott, assignors.)
Imperial Chemical Industries Limited. (See Hodgson, Herbert H., assignor.)
Industrial Patents Corporation. (See Klaus, Fred, assignor.)
Insect-O Products Company. (See Budwig, Gilbert G., assignor.)
International Bitumen Emulsions Corporation. (See Bly, Edwin P., assignor.)
International Business Machines Corporation. (See Bryce, James W., assignor.)
International Business Machines Corporation. (See Bryce, J. W., and Daly, assignors.)
International Business Machines Corporation. (See Bryce, J. W., Daly, and Cunningham, assignors.)
International Carbonic, Inc. (See Rice, Edward, Jr., assignor.)
Israelson, Albert L., Hartington, Nebr. Clothes hanger. 2,061,704; Nov. 24.
Iversen, Lorenz, assignor to Mesta Machine Company, Pittsburgh, Pa. Apparatus for shearing. 2,061,659; Nov. 24.
Izard, Emmette F., Elsmere, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative compositions. 2,061,732; Nov. 24.
Jackel, Arthur P., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control apparatus. 2,061,770; Nov. 24.
Jackson, James J., Woodbury, N. J., assignor to Paulsboro Manufacturing Company. Decorative covering and manufacturing the same. 2,061,705; Nov. 24.
Jacobs, Rex C., Detroit, Mich. Glare shield. 2,062,092; Nov. 24.
James River Paper Products, Inc. (See Haskell, Howze, assignor.)
Jarvis, W. B., Company. (See Andrie, Michael B., assignor.)
Jobst, Günther, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Thermionic device. 2,061,733; Nov. 24.
Johns, Henry S., North Grimsby Township, Ontario, Canada. Conveying and driving belt. 2,061,838; Nov. 24.
Johns, Herman S., assignor to Dual Parking Meter Company, Oklahoma City, Okla. Electrical parking device. 2,061,875; Nov. 24.
Johns-Manville Corporation. (See Shipway, George E., assignor.)
Johnson, Charles E., North Muskegon, assignor to Sealed Power Corporation, Muskegon, Mich. Valve stem packing. 2,061,874; Nov. 24.
Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Rotary cylinder construction. 2,062,030; Nov. 24.
Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Distillation. 2,062,266; Nov. 24.
Jones, William S., Seaford, Del. Mounting for leaf. 2,061,942; Nov. 24.
Jordan, Sidney W., Cleveland, Ohio. Lifting jack. 2,062,132; Nov. 24.
Jorgensen, Enoch B., Los Angeles, Calif., assignor to Viber Company, Limited. Concrete vibrator mechanism. 2,061,943; Nov. 24.
Jubilee Manufacturing Co. (See Gillet, Alexis F., assignor.)
Jungkunz, Frank F., Milford, Iowa. Abreast motorcycle control. 2,061,944; Nov. 24.
Kamosis, Louis P., Detroit, Mich. Riveting tool. 2,061,660; Nov. 24.
Kann, Gustave H., Pittsburgh, Pa., assignor to The Globe Steel Abrasive Company, Mansfield, Ohio. Making abrasive material. 2,062,093; Nov. 24.
Karg, Josef, Vienna, Austria, assignor of one-half to J. M. Bing, New York, N. Y., and E. Mayer, Vienna, Austria. Automatic exposure control. 2,061,909; Nov. 24.
Kastner, Ernest C., and H. W. Falstrom, Bloomfield, N. J. Garment supporting clasp. 2,062,267; Nov. 24.

Kath, Alfred W., assignor to Arthur Colton Company, Detroit, Mich. Method and apparatus for combining wrappers and bands for cigars. 2,061,968; Nov. 24.
Kaufmann, Werner. (See Koppelmann, F., Kaufmann, and Kesselring.)
Kawasaki, Goro, Los Angeles, Calif. Safety bumper. 2,061,801; Nov. 24.
Keener, Martin M., Lancaster, Pa. Pin ticket. 2,061,969; Nov. 24.
Kell, Ray D., Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Signaling system. 2,061,734; Nov. 24.
Kellogg, Homer G., assignor to Motor Products Corporation, Detroit, Mich. Fastener for trim strips. 2,061,970; Nov. 24.
Kellogg Manufacturing Co. (See Browne, Lindsay H., assignor.)
Kelm, William. (See Ginn, Horace S., assignor.)
Kemmerer, Ralph R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,062,055; Nov. 24.
Kesselring, Fritz. (See Koppelmann, F., Kaufmann, and Kesselring.)
Keys, William A., New York, N. Y. Necktie. 2,061,630; Nov. 24.
Kiley, Edward J., assignor to Hammond Brass Works, Hammond, Ind. Valve. 2,061,706; Nov. 24.
Kimbirl, Julius E., assignor to The Terrell Machine Company, Charlotte, N. C. Bobbin cleaner. 2,062,225; Nov. 24.
Kingsbury Machine Works, Inc. (See Howarth, Harry A. S., assignor.)
Kingston, Walter E., Lynn, Mass., assignor to Hygrade Sylvania Corporation, Salem, Mass. Heat treating furnace. 2,061,910; Nov. 24.
Kinker, Clarence C., Alton, Ill., assignor to Owens-Illinois Glass Company. Cover for molten glass containers. 2,061,661; Nov. 24.
Kip, Frederic E., Montclair, N. J. Sign. 2,062,094; Nov. 24.
Kirby, Harry C., Sunbury, Ohio. Pneumatic horse collar. 2,062,063; Nov. 24.
Kirchen Bros., Inc. (See Burton, Robert N., assignor.)
Klaus, Fred, assignor to Industrial Patents Corporation, Chicago, Ill. Measuring and filling machine. 2,062,181; Nov. 24.
Kleiman, Morris, Mount Vernon, and M. Braunstein, New York, N. Y. Pinker guard and fabric guide. 2,061,707; Nov. 24.
Klingelnberg, W. Ferd. Söhne. (See Schicht, Henirich, assignor.)
Klocke, William H. (See Pinney, H. H., and Klocke.)
Kniskern, Walter H., Prince George County, Va., assignor to Atmospheric Nitrogen Corporation, New York, N. Y. Control mechanism. 2,062,095; Nov. 24.
Knoll, William V., assignor to Mid-West-Fulton Machine Company, Dayton, Ohio. Pulp refining apparatus. 2,061,662; Nov. 24.
Knowles, Dewey D., Wilkinsburg, Pa. Protective system. 2,062,269; Nov. 24.
Knowles, Dewey D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical discharge device. 2,062,268; Nov. 24.
Knowles, Dewey D., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric discharge apparatus. 2,062,270; Nov. 24.
Knox, W. H., Jr., and R. T. Cochran, Nashville, Tenn., assignors to Victor Chemical Works. Monocalcium phosphate. 2,062,064; Nov. 24.
Kongsted, Ludvig P., Longmeadow, assignor to United American Bosch Corporation, Springfield, Mass. Stator structure for dynamo electric machines. 2,061,839; Nov. 24.
Koppelmann, Floris, and W. Kaufmann, Berlin-Siemensstadt, and F. Kesselring, Berlin-Hermsdorf, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,061,945; Nov. 24.
Kops Brothers Inc. (See Hirsch, Joseph, assignor.)
Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Mounting means for electric snap switches. 2,062,006; Nov. 24.
Kroll, Walter, and G. Zapf, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Impulse repeater. 2,061,802; Nov. 24.
Krupp, Fried., Germaniawerft Aktiengesellschaft. (See Hünschke, Albert, assignor.)
Kruse, Bernhard. (See Wallmann, C., and Grosswelschede, and Kruse.)
Kubelka, Paul, Prague, and J. Srbek, Aussig-on-the-Elbe, Czechoslovakia, assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Rutile pigments and making the same. 2,062,133; Nov. 24.
Kubelka, Paul, Prague, and J. Srbek, Aussig, Czechoslovakia, assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Rutile pigments. 2,062,134; Nov. 24.
Kubitz, Arnold A., Toledo, Ohio. Combined perforating device and closure. 2,062,182; Nov. 24.
Kuehn, Erich, Mannheim, and H. Hopff, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Artificial masses. 2,061,946; Nov. 24.
Kurz, Konrad, Furth, Germany, assignor to Diamond Decorative Leaf Co., Stapleton, Staten Island, N. Y. Producing embossing foils. 2,062,226; Nov. 24.
Lackey, Robert M., Cohoes, N. Y. Parcel bag. 2,061,580; Nov. 24.
Lake, Percy J., Agincourt, Ontario, Canada. Shoulder strap holder for women's underwear. 2,061,840; Nov. 24.
Lambert, Walter E., Knoxville, Tenn. Conveying equipment. 2,062,227; Nov. 24.
Lamesch, Armand, assignor to Schlesische Spiegelglas-Manufactur Carl Tielsch, G. m. b. H., Waldenburg-Altwasser, Germany. Method and device for producing single-layered wire glass. 2,062,228; Nov. 24.
Lang, William H., assignor to The Webster Manufacturing Company, Chicago, Ill. Sewage disposal apparatus. 2,061,841; Nov. 24.
Lanto, Edward, New York, N. Y. Axle construction. 2,062,096; Nov. 24.
Lapointe Machine Tool Company, The. (See Monroe, Kenneth C., assignor.)
Larson, Clas S., assignor to A. O. Smith Corporation, Milwaukee, Wis. Conveyer truck. 2,061,735; Nov. 24.
Lauck, Albert G., Alton, Ill., assignor to Owens-Illinois Glass Company. Driving mechanism for glassware forming machines. 2,061,663; Nov. 24.
Law, Alfred L., White Plains, N. Y. Plant protector and soil retainer. 2,061,631; Nov. 24.
Lawson, Holger L., and J. Stampfl, Montreal, Quebec, Canada, assignors to Hofmann & Leavy, Inc., New York, N. Y. Pompon machine. 2,062,183; Nov. 24.
Leap, Edward G. (See Saferite, Lloyd R., assignor.)
Lebedeff, Yurii E. (See Betterton, J. O., and Lebedeff.)
Lee, Charles G. (See Culver, C. H., and Lee.)
Lee, Roger K., Highland Park, assignor to Crysler Corporation, Detroit, Mich. Automatic transmission restoring apparatus. 2,062,007; Nov. 24.
Lefland, Paul W., Dallas, Tex. Plumbing fixtures. 2,061,971; Nov. 24.
Lehman, Werner. (See Chambers, J. T., and Lehman.)
Leindorf, Joseph P., Pelham Manor, N. Y. Medicated insole. 2,061,911; Nov. 24.
Lenher, Samuel, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Safety paper and the like. 2,061,632; Nov. 24.
Leuvelink, George J., assignor of one-half to J. Bos, Buffalo, N. Y. Boller. 2,062,033; Nov. 24.
Le Viness, Raymond P. (See Goddard, A. C., and Le Viness.)
Lewers, George R., New York, N. Y., assignor to Decarie Incinerator Corporation, New York, N. Y. Furnace. 2,061,708; Nov. 24.
Lewis, Arthur P., Fair Haven, Mass., and W. J. Secrest, Cuyahoga Falls, Ohio, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Uniform tension device. 2,062,008; Nov. 24.
Lewis, James O., assignor to Dunn & Lewis, Tulsa, Okla. Valve. 2,062,031; Nov. 24.
Lewis, John M., Watsonville, Calif. Weatherstrip. 2,062,229; Nov. 24.
Lilja, Edgar D., assignor to Howard D. Colman, Rockford, Ill. Control for electric circuits. 2,062,135; Nov. 24.
Lincoln, Edward K., Fairfield, Conn. Sanitary crepe rubber cushion. 2,061,664; Nov. 24.
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Modulation. 2,061,947; Nov. 24.
Lingard, Herbert A., Harrow Weald, England, assignor to General Electric Company. Washing apparatus. 2,062,097; Nov. 24.
Linotype and Machinery Limited. (See Scott, Richard H., assignor.)
Lippincott, Wells A., Oak Park, assignor to Ideal Roller & Manufacturing Company, Chicago, Ill. Apparatus for trimming cylinders. 2,061,581; Nov. 24.
Liquid Veneer Corporation. (See Cabana, Louis, assignor.)
Lithographic Technical Foundation, Inc., The. (See Reed, R. F., Dorst, and George, assignors.)
Loeb, Joseph, Portland, Oreg. Golf apparatus. 2,061,973; Nov. 24.
Loehnis, John L., Long Beach, and W. I. Williams, Wilmington, Calif. Emergency safety brake. 2,062,184; Nov. 24.
Logan, John W., Jr., Forest Hills, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Retardation controller device. 2,061,912; Nov. 24.
Lorain Telephone Company, The. (See Fox, Robert A., assignor.)
Louden, Thomas H., Sharon, Ohio. Shear sharpener. 2,061,842; Nov. 24.
Loughlin, William D., Mountain Lakes, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio receiver. 2,062,032; Nov. 24.
Lubrication Corporation, The. (See Tear Harry R., assignor.)
Ludwig, Willy. (See Bockmühl, M., and Ludwig.)
Lunkenheimer Company, The. (See Bolton, J. W., and Weigand, assignors.)
Luthi, Robert, Maywood, Ill., assignor to American Can Company, New York, N. Y. Liquid dispenser. 2,061,582; Nov. 24.

MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Strap seal and package. 2,062,098; Nov. 24.
MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Strap seal. 2,062,099; Nov. 24.
MacDonald, George S., assignor to Spencer Lens Company, Buffalo, N. Y. Nosepiece for microscopes. 2,062,034; Nov. 24.
Machek, Johan, Waukegan, Ill. Horological device. 2,061,665; Nov. 24.
Mahlman, Osborne L. (See Benner, R. C., Mahlman, and Rossow.)
Main, Charles C. (See Beckwith, C. F., and Main.)
Main, James A. (See Stark, G. R., and Main.)
Maintenance Equipment Company. (See Hamilton, Perry H., assignor.)
Major Leather Supply Co. (See Ross, Sam, assignor.)
Mallsoff, William M., and F. G. Hess, Lansdowne, assignors to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon oil treatment. 2,061,583; Nov. 24.
Mallory P. R. & Co. (See Gwyn, Childress B., Jr., assignor.)
Malone, Julian Y., J. H. Carroll, and C. R. McKee, assignors to The Perway Company, Milwaukee, Wis. Direct cold permanent waving. 2,061,709; Nov. 24.
Marchfield, Rudolph L., Chicago, Ill. Vegetable slicing device. 2,061,711; Nov. 24.
Marks, Leland A., Yreka, Calif. Exposure gauge. 2,061,974; Nov. 24.
Marresford, Eugene F., Brooklyn, N. Y., assignor to National Biscuit Company, New York, N. Y. Speed synchronizing device. 2,062,136; Nov. 24.
Marshall, John L., assignor to United Hosiery Mills Corporation, Chattanooga, Tenn. Twisting attachment. 2,061,913; Nov. 24.
Martin, Perry S., Harrisonburg, Va. Brooder. 2,061,712; Nov. 24.
Martin, Thomas A., Ozone Park, N. Y. Automobile service lift. 2,061,975; Nov. 24.
Mason and Parker Manufacturing Co. (See Tornquist, Harold S., assignor.)
Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Synchronizing system. 2,062,009; Nov. 24.
Maurice Mills Company, et al. (See Coleman, Robert H., assignor.)
Mauro, Anthony, Brooklyn, N. Y. Window construction. 2,061,914; Nov. 24.
Mautsch, Robert H., Brussels, Belgium, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Thermostat control apparatus. 2,061,915; Nov. 24.
Mayer, Emil, et al. (See Karg, Josef, assignor.)
McBee Company, The. (See Connor, R. L., and Nevin, assignors.)
McBee Company, The. (See Rutkoskie, George A., assignor.)
McBee Company, The. (See Welk, Nelson S., assignor.)
McBee Company, The. (See Welk, N. S., and Nevin, assignors.)
McBee, William R. L., assignor to The Gardiner Hall Jr. Company, South Willington, Conn. Combined tape and thread package. 2,061,876; Nov. 24.
McCan, David G., and R. D. Brown, Jr., assignors to Philadelphia Storage Battery Company, Philadelphia, Pa. Automatic volume control. 2,061,710; Nov. 24.
McClave-Brooks Company. (See Warg, Charles A., assignor.)
McCord Radiator & Mfg. Co. (See Tinkham, Guy L., assignor.)
McCormack, Alex A., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Motor-compressor unit for refrigerating apparatus. 2,062,035; Nov. 24.
McCornack, Herbert, Howey in the Hills, Fla. Apparatus for cleaning liner disks of a centrifugal liquid separator. 2,062,100; Nov. 24.
McCullough, Jack. (See Eitel, W. W., and McCullough.)
McGill Manufacturing Company. (See Robinson, Thomas L., assignor.)
McKee, Charles R. (See Malone, J. Y., Carroll, and McKee.)
McKinney, Inez, Wichita, Kans. Shirts. 2,062,185; Nov. 24.
McKinney, Robert N., and C. E. Smith, Linthicum Heights, Md., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company. Colored titanium dioxide pigments. 2,062,137; Nov. 24.
McKittrick, George, Independence, Kans. Putty softener. 2,062,230; Nov. 24.
McLagan, George E., Monterey Park, Calif. Slip. 2,061,771; Nov. 24.
McLagan, George E., Monterey Park, Calif. Slip. 2,061,772; Nov. 24.
McLennan, Miles A., Riverton, N. J. Radio receiver. 2,061,736; Nov. 24.
Mears, Neal F., Chicago, Ill. Calendar calculating device. 2,062,036; Nov. 24.
Mechanical Refrigerated Car Company. (See Spohr, Carl W., assignor.)
Meem, Catherine R., administratrix. (See Meem, James C.)
Meem, James C., deceased, Brooklyn, N. Y., C. R. Meem, administratrix. Submersible tunnel. 2,061,584; Nov. 24.
Mekeel, Charles H., Jr., Reading, Pa., assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Driving wheel. 2,061,948; Nov. 24.
Merckens, Otto, Duren, Germany. Process and apparatus for the drying of travelling webs. 2,061,976; Nov. 24.
Merco Nordstrom Valve Company. (See Nordstrom, Sven J., assignor.)
Mergenthaler Linotype Company. (See Albrecht, Christian A., assignor.)
Mergenthaler Linotype Company. (See Hilpman, John H., assignor.)
Mergott, J. E., Company, The. (See Hiering, W. C., and Goerdes, assignors.)
Merolle, Augustus L., assignor of one-half to The Empire Metal Cap Co., Inc., Brooklyn, N. Y. Receptacle closure. 2,062,271; Nov. 24.
Merrill, Harry L., Nashua, N. H. Refrigerator. 2,062,138; Nov. 24.
Merrill, Harry L., Nashua, N. H. Refrigerator. 2,062,139; Nov. 24.
Merrill, Harry L., Nashua, N. H. Refrigerator. 2,062,140; Nov. 24.
Mesta Machine Company. (See Iversen, Lorenz, assignor.)
Metzner, Albert W., and J. Q. Sherman, Dayton, Ohio, said Metzner assignor to said Sherman. Multiple-web roll and operating same. 2,061,713; Nov. 24.
Meunier, Leon F., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Nut runner. 2,061,843; Nov. 24.
Meyer, Edward B., East Cleveland, Ohio. Track-clearing implement. 2,061,585; Nov. 24.
Meyercord, George R., Chicago, Ill. Building construction. 2,061,803; Nov. 24.
Meyer-Jagenberg, Günther, Dusseldorf, Germany. Method and apparatus for forming container closures. 2,061,967; Nov. 24.
Meyers, Ernest H. (See Olin, F. W., Meyers, and Seavey.)
Midland Steel Products Company, The. (See Riemenschneider, Ernest, assignor.)
Mid-West-Fulton Machine Company. (See Knoll, William V., assignor.)
Miley, Mary M., Allentown, Pa. Cleaning implement for pianos or the like. 2,062,065; Nov. 24.
Miller, Chauncey K., Indianapolis, Ind. Blotting paper stock advertising card and forming same. 2,061,844; Nov. 24.
Miller, James R., assignor, by mesne assignments, to Bocji Corporation, Pittsburgh, Pa. Oil purifier. 2,061,666; Nov. 24.
Miller, Raymond E., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Remote controlled brake. 2,061,916; Nov. 24.
Miller, William C., assignor to Diebold Safe & Lock Company, Canton, Ohio. Delayed control time lock. 2,062,066; Nov. 24.
Miller, William C., assignor to Diebold Safe & Lock Co., Canton, Ohio. Protective device for safes. 2,062,067; Nov. 24.
Millspaugh, Clark W. (See Wilson, J. S., Millspaugh, and Overmire.)
Mitchell, Newell W. (See Crampton, D. K., and Mitchell.)
Mittelman, Reuben, assignor to The Auburn Leather Goods Company, Hartford, Conn. Packing. 2,062,186; Nov. 24.
Montz, Daniel R. (See Walker, C. L., Montz, and Allen.)
Moller, Joseph A., Evanston, assignor to said Moller and F. G. Wacker, Lake Forest, Ill., Trustees. Lubricating railway-car bearings. 2,062,250; Nov. 24.
Moncrieff, Robert W. (See Dickie, W. A., and Moncrieff.)
Mondloch, Ben. J., et al. (See Cudigan, Bartholomew O., assignor.)
Monopower Corporation. (See Tyler, Tracy B., assignor.)
Monroe, Kenneth C., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Device to absorb pressure fluctuations. 2,061,949; Nov. 24.
Monsanto Chemical Company. (See Bartram, Thomas W., assignor.)
Morphy, John A., Oshawa, Ontario, Canada, assignor to The Firman L. Carswell Manufacturing Company, Kansas City, Kans. Corrugated metal culvert. 2,062,188; Nov. 24.
Morrall, William L., Buffalo, N. Y. Multiple spindle screw machine. 2,061,586; Nov. 24.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oil. 2,061,845; Nov. 24.
Morris, Laura B., executrix. (See Morris, William L., assignor.)
Morris, William L., deceased, Chicago, Ill., L. B. Morris, executrix. Draft controller. 2,061,587; Nov. 24.
Morrison, Willard L., Lake Forest, Ill. Air cooling, circulating, and controlling device and process. 2,062,187; Nov. 24.
Motor Products Corporation. (See Kellogg, Homer G., assignor.)
Motor Wheel Corporation. (See Hunt, J. H., and Schweizer, assignors.)
Moyer, J. Bird, Company, The. (See Engelfried, Charles, assignor.)
Mueller-Cunradi, Martin, and K. Pieroh, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Rubber-like synthetic high-molecular masses. 2,061,934; Nov. 24.

Müller, Ignaz, Vienna, Austria. Liquid measuring apparatus. 2,061,917; Nov. 24.
Muller, John, Brooklyn, N. Y. Wall section and wall assembly. 2,061,633; Nov. 24.
Muller, Robert L., assignor to Burroughs Adding Machine Company. Detroit, Mich. Calculating machine. 2,061,667; Nov. 24.
Mulvihill, Daniel C., Hannibal, Mo., assignor to Hannibal Car Wheel and Foundry Company. Rail anchor and making the same. 2,061,804; Nov. 24.
Munsingwear Corporation, The. (See Chatfield, Franklin, assignor.)
Nanfeldt, William, Clifton, assignor to World Bestos Corporation, Paterson, N. J. Molded brake lining and making the same. 2,061,918; Nov. 24.
Nanfeldt, William, Clifton, assignor to World Bestos Corporation, Paterson, N. J. Brake lining. 2,061,919; Nov. 24.
National Aniline & Chemical Company. (See Robinson, Jack D., assignor.)
National Biscuit Company. (See Davidson, Bruce J., assignor.)
National Biscuit Company. (See Marresford, Eugene F., assignor.)
National Blank Book Company. (See Schade, Frank S., assignor.)
National Malleable and Steel Castings Company. (See Hobson, Roy C., assignor.)
National Metal Products Company. (See Gibson, George M., assignor.)
Naundorf, Wilhelm, Scheveningen, Netherlands. Manicuring implement. 2,061,877; Nov. 24.
Neer, Raymond L., assignor to The Nik-O-Lok Company, Indianapolis, Ind. Pin tumbler cylinder lock. 2,062,010; Nov. 24.
Nelson, George H. (See Hanks, M. W., and Nelson.)
Nelson, George W., Cleveland, Ohio. Card dealing and shuffling machine. 2,061,668; Nov. 24.
Nevin, Donald A. (See Connor, R. L., and Nevin.)
Nevin, Donald A. (See Welk, N. S., and Nevin.)
Newcomb, Harry E., San Diego, Calif. Shell-reloading device. 2,061,977; Nov. 24.
New Haven Vibrator Company, The. (See Pickop, George B., assignor.)
Newman, John W., London, England. Sign. 2,061,805; Nov. 24.
Newman, Joseph, Brooklyn, N. Y. Muffler. 2,062,141; Nov. 24.
News Syndicate Co. Inc. (See Friess, Gustave A., assignor.)
New York Air Brake Company, The. (See Campbell, Charles A., assignor.)
New York Central Railroad Company, The. (See Williams, Hubert L., assignor.)
New York Central Railroad Company, The. (See Wilson, J. S., Millspaugh, and Overmire, assignors.)
Niemann, Frederick A., assignor to Felt & Tarrant Mfg. Co., Chicago, Ill. Clip board. 2,061,878; Nov. 24.
Nik-O-Lok Company, The. (See Neer, Raymond L., assignor.)
Noble, Warren, Michigan City, Ind., assignor to Sullivan Machinery Company. Shock absorbing device. 2,061,806; Nov. 24.
Noble, Warren, Michigan City, Ind., assignor to Sullivan Machinery Company. Rock drill rifle nut and making same. 2,061,807; Nov. 24.
Nordstrom, Sven J., Piedmont, assignor to Merco Nordstrom Valve Company, San Francisco, Calif. Valve. 2,062,068; Nov. 24.
Norman, George M., Wilmington, Del., and C. D. Bitting, Kenvil, N. J., assignors to Hercules Powder Company, Wilmington, Del. Explosive. 2,062,011; Nov. 24.
Norton, Samuel H., Meadville, Pa., assignor to Hookless Fastener Company. Slide fastened. 2,061,681; Nov. 24.
Noyes, Ira W., assignor to Draper Corporation, Hopedale, Mass. Loom temple. 2,061,846; Nov. 24.
Nutt, Harold, and H. V. Reed, assignors, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,062,102; Nov. 24.
Nutt, Harold, and H. V. Reed, assignors, by mesne assignments, to Friction clutch. 2,062,102; Nov. 24.
Nygaard, Karl F. V. (See Everett, Z. R., and Nygaard.)
Offenhauser, William H., Jr., Conshohocken, Pa. Directional receiving system. 2,061,737; Nov. 24.
O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,061,773; Nov. 24.
Ohio Truss Company, The. (See Pease, Isaac M., assignor.)
Olin, Franklin W., E. H. Meyers and F. R. Seavey, assignors to Western Cartridge Company, East Alton, Ill. Detonator package. 2,062,189; Nov. 24.
Olson, Carl A., assignor, by mesne assignments, to The Helping Hand Institute, Kansas City, Mo. Floor mat. 2,062,272; Nov. 24.
Olson, Hans M., Fallbrook, Calif. Hydraulic cement and making same. 2,061,774; Nov. 24.
Opolo, Charles, Culver City, Calif. Divided axle with leaf spring suspension. 2,062,012; Nov. 24.
Opolo, Charles, Culver City, Calif. Internal combustion engine. 2,062,013; Nov. 24.
Oppy, Alwyn G., Bedford, Pa. Pneumatic coal cleaner. 2,062,142; Nov. 24.
Opticolor Aktiengesellschaft. (See Räntsch, Kurt, assignor.)
Orman, Gustav A., Brooklyn, N. Y. Flexible blade scraper. 2,061,669; Nov. 24.
Ornstein, Georg, Berlin, Germany. Treating water. 2,062,231; Nov. 24.
Osborn Manufacturing Company, The. (See Bickel, F. J., and Oster, assignors.)
Oster, Harvey J. C., Jr. (See Bickel, F. J., and Oster.)
Ott, Robert W., Rockford, Ill., assignor to R. W. Ott and C. H. C. Van Pelt, trustees, Cincinnati, Ohio. Rotary pump. 2,061,950; Nov. 24.
Overbeck, Wilcox P., Cambridge, assignor to Raytheon Manufacturing Company, Newton, Mass. Voltage regulator. 2,062,037; Nov. 24.
Overmire, Edwin G. (See Wilson, J. S., Millspaugh, and Overmire.)
Owens-Illinois Glass Company. (See Kinker, Clarence C., assignor.)
Owens-Illinois Glass Company. (See Lauck, Albert G., assignor.)
Owens-Illinois Glass Company. (See Simonton, Warren R., assignor.)
Owens-Illinois Glass Company. (See Wheaton, Jack M., assignor.)
Paillard, Albert, Sainte-Croix, Switzerland. Intermittent film feed apparatus. 2,061,879; Nov. 24.
Panos, James A., and S. D. Christie, Los Angeles, Calif. Dishwashing machine. 2,061,775; Nov. 24.
Papeteries Navarre. (See Delcroix, Pierre, assignor.)
Pappert, Emanuel, New York, and H. M. Smith, Garden City, said Smith assignor to T. & P. Optical Co., New York, N. Y. Optical mounting. 2,061,847; Nov. 24.
Parkersburg Rig & Reel Company, The. (See De La Mater, Robert G., assignor.)
Parten, Jubal R. (See Dayson, S., and Parten.)
Patent and Licensing Corporation, The. (See Stark, G. R., and Main, assignors.)
Patterson, Pies, assignor to E. Rauh, Dayton, Ohio. Hydraulic mechanism. 2,061,670; Nov. 24.
Paulsboro Manufacturing Company. (See Jackson, James J., assignor.)
Pease, Isaac M., Cincinnati, Ohio, assignor to The Ohio Truss Company. Umbilical truss. 2,062,143; Nov. 24.
Pease, James N. (See Cowgill, W. W., and Pease.)
Peckham, George C. (See Harmon, Wayne A. S., assignor.)
Peerless Machinery Company, The. (See Glines, Frederick S., assignor.)
Penberthy Injector Company. (See Yoder, Howard D., assignor.)
Pentka, Joseph, Dickson City, Pa. Electrically operated lock for motor vehicles. 2,061,978; Nov. 24.
Perkins, Edwin A., et al. (See Crum, Roland R., assignor.)
Permutit Company (1934), The. (See Pick, Eric, assignor.)
Permutit Company, The. (See Tiger, Howard L., assignor.)
Perry, George E., Chicago, Ill. Game device. 2,062,144; Nov. 24.
Perry, Rupert C., assignor to The Waterbury Clock Company, Waterbury, Conn. Oil-chamber for electric clocks. 2,062,103; Nov. 24.
Perry, Walter M., assignor to Sperry Products, Inc., Brooklyn, N. Y. Flaw detector mechanism. 2,061,979; Nov. 24.
Perser Corporation, The. (See Draper, Ernest E., assignor.)
Perway Company, The. (See Malone, J. Y., Carroll, and McKee, assignors.)
Peschel, Dorothea O., Kankakee, Ill. Metal furniture. 2,061,588; Nov. 24.
Peter, William J., New York, N. Y., assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Liquid dispenser. 2,061,738; Nov. 24.
Petzold, Werner. (See Clingestein, H., Petzold, and Hauck.)
Philadelphia Storage Battery Company. (See McCaa, D. G., and Brown, assignors.)
Philco Radio & Television Corporation. (See Gerhard, Charles E., assignor.)
Philp, William J., Melrose Park, Ill., assignor to American Can Company, New York, N. Y. Control device for can machinery. 2,061,589; Nov. 24.
Pick, Eric, New York, N. Y., assignor to The Permutit Company (1934), Wilmington, Del. Water treating apparatus. 2,061,714; Nov. 24.
Pick, Eric, assignor to The Permutit Company, New York, N. Y. Water treating apparatus. 2,061,715; Nov. 24.
Pickop, George B., assignor to The New Haven Vibrator Company, Inc., New Haven, Conn. Pipe fitting. 2,062,145; Nov. 24.
Pieroh, Kurt. (See Mueller-Cunradi, M., and Pieroh.)
Piffath, Peter, Elmhurst, N. Y. Circuit breaker. 2,061,920; Nov. 24.
Piffath, Peter, Great Neck, N. Y. Induction coil. 2,062,014; Nov. 24.
Piggott, Henry A. (See Evans, J. G., and Piggott.)
Pinney, Harry H., Cleveland Heights, Ohio, and W. H. Klocke, Woodhaven, N. Y. Liquid container. 2,062,190; Nov. 24.
Plaskon Company. (See Fuchs, Nathaniel, assignor.)

Pleister, Henry W., Westfield, assignor to Diamond Expansion Bolt Company, Inc., Garwood, N. J. Spring toggle bolt. 2,061,634; Nov. 24.
Pogue, Charles N., Norwood, Winnipeg, Manitoba, Canada. Apparatus for leveling roads. 2,062,232; Nov. 24.
Poirier, Maurice, assignor of nineteen one-hundredths to W. I. F. George, Burbank, Calif. Vehicle wheel suspension. 2,062,233; Nov. 24.
Pollard, Joseph F., assignor to Brackett Manufacturing Co., Newburyport, Mass. Laminated article and making the same. 2,061,951; Nov. 24.
Potter, W. W. (See Chase, Raymond H., assignor.)
Powers, David W., et al. (See Powers, Frank M., assignor.)
Powers, Frank M., assignor of one-third to T. C. Powers, and one-third to D. W. Powers, Chicago, Ill. Hammock. 2,062,069; Nov. 24.
Powers, Thomas C., et al. (See Powers, Frank M., assignor.)
Pratt, Best, and G. F. Weinreich, Chicago, Ill., assignors, by mesne assignments, to The Rotor Gas Valve Co. Rotary disk valve. 2,061,716; Nov. 24.
Price, Earl R. (See Price, Harold W., and E. R.)
Price, Harold W. and E. R., assignors to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,061,590; Nov. 24.
Price, Joseph, West New Brighton, Staten Island, N. Y., assignor, by mesne assignments, to The Griscom-Russell Company. Heat exchanger. 2,061,980; Nov. 24.
Prince, David C., Swarthmore, Pa., assignor to General Electric Company. Power system. 2,062,104; Nov. 24.
Prince, David C., Swarthmore, Pa., assignor to General Electric Company. Power system. 2,062,105; Nov. 24.
Public, Free use of the. (See Hukill, William V., assignor.)
Pullen, Rodney S., Akron, Ohio, assignor to Pullenlite Company, Philadelphia, Pa. Match-striking composition. 2,062,191; Nov. 24.
Pullenlite Company. (See Pullen, Rodney S., assignor.)
Purdy, Frederick A., Scarsdale, N. Y. Closure operator. 2,062,015; Nov. 24.
Rachlin, Max, Brooklyn, assignor to H. Wiener, Maspeth, Long Island, N. Y. Wire guard. 2,061,808; Nov. 24.
Radcliffe, Barney S., Oak Park, Ill. Ceramic catalyst and making same. 2,061,848; Nov. 24.
Radio Corporation of America. (See Clay, Murray G., assignor.)
Radio Corporation of America. (See Essig, Sanford F., assignor.)
Radio Corporation of America. (See Hansell, Clarence W., assignor.)
Radio Corporation of America. (See Kell, Ray D., assignor.)
Radio Corporation of America. (See Lindenblad, Nils E., assignor.)
Radio Corporation of America. (See Loughlin, William D., assignor.)
Radio Corporation of America. (See Mathes, Richard E., assignor.)
Radio Corporation of America. (See Roberts, Walter van B., assignor.)
Radio Corporation of America. (See Thomas, Adolph A., assignor.)
Radio Corporation of America. (See Tolson, William A., assignor.)
Radio Corporation of America. (See Weyers, Theodorus J., assignor.)
Radio Corporation of America. (See Woods, Fred, assignor.)
Raffold Process Corporation. (See Brooks, A. M., and Rafton, assignors.)
Rafton, Harold R. (See Brooks, A. M., and Rafton.)
Ragan Knitting Company, et al. (See Coleman, Robert H., assignor.)
Rall, Harry T. (See Smith, H. M., Grandone, and Rall.)
Ralston, Frank L. (See Gilstrap, C. L., Smith, and Ralston.)
Räntsch, Kurt, Berlin-Teltow (Seehof), Germany, assignor to Opticolor Aktiengesellschaft, Glarus, Switzerland. Optical lens system for lenticular films. 2,062,146; Nov. 24.
Rapids, Felix R., Chicago, Ill. Electrolytic device. 2,061,591; Nov. 24.
Rapids, Felix R., Chicago, Ill. Composition for and method of metal electroplating. 2,061,592; Nov. 24.
Rasch, Henry, Hohokus, N. J., assignor to Chaincraft, Inc., Haverstraw, N. Y. Brassière. 2,061,739; Nov. 24.
Rathbun, Harry B., Waterbury, Conn. Composition for cleaning and brightening metals. 2,062,038; Nov. 24.
Rathbun, Harry B., Waterbury, Conn. Baking powder. 2,062,039; Nov. 24.
Rauh, Elmer. (See Patterson, Pies, assignor.)
Raytheon Manufacturing Company. (See Overbeck, Wilcox P., assignor.)
Rechnitzer, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiving circuit for broadcast apparatus. 2,061,740; Nov. 24.
Reconstruction Finance Corporation. (See Beckwith, C. F., and Main, assignors.)
Reconstruction Finance Corporation. (See Peter, William J., assignor.)
Redmond, Albert G., Flint, Mich. Lubricating device. 2,062,070; Nov. 24.
Reed, Clair S. (See Sherman, J. D., Reed, and Currie.)
Reed, Harold V. (See Nutt, H., and Reed.)
Reed-Lewis, Ellis W., Windsor, Ontario, Canada. Hydraulic cement. 2,061,972; Nov. 24.
Reed, Robert F., P. W. Dorst, and A. George, Cincinnati, Ohio, assignors to The Lithographic Technical Foundation, Inc., New York, N. Y. Removing colloids from lithographic printing surfaces. 2,062,273; Nov. 24.
Rees, Frank X., Albany, assignor to General Railway Signal Company, Rochester, N. Y. Power supply system. 2,062,274; Nov. 24.
Regal Shoe Company. (See Roberts, Charles R., assignor.)
Reinhardt, Otto K. (See Baer, J. W., and Reinhardt.)
Reinhardt, Otto K., Jamaica, N. Y., assignor to Bond Electric Corporation, Jersey City, N. J. Automatic polishing machine. 2,062,106; Nov. 24.
Reinhardt, Otto K., Jamaica, N. Y., and J. W. Baer, Elmhurst, N. Y., assignors to Bond Electric Company, Jersey City, N. J. Dry cell. 2,062,107; Nov. 24.
Reitherman, Ralph W. (See Haskins, B. J., and Reitherman.)
Resinous Products & Chemical Co., The. (See Sändig, Kurt, assignor.)
Reynolds, Anita S., Greenwich, Conn. System of automatic integrating control. 2,062,251; Nov. 24.
Reynolds Spring Company. (See Sherman, J. D., Reed, and Currie, assignors.)
Rhodes, Howard E., Floral Park, assignor to Aerovox Corporation, Brooklyn, N. Y. Terminal structure. 2,061,981; Nov. 24.
Rice, Charles L., Bruceton, Tenn. Cotton condenser. 2,061,952; Nov. 24.
Rice, Edward, Jr., Croton-on-Hudson, N. Y., assignor to International Carbonic, Inc., Wilmington, Del. Refrigeration. 2,061,776; Nov. 24.
Rickerson, Frank H., assignor to Teletype Corporation, Chicago, Ill. Mechanical coupling. 2,062,108; Nov. 24.
Riemenschneider, Ernest, assignor to The Midland Steel Products Company, Cleveland, Ohio. Apparatus for welding. 2,061,671; Nov. 24.
Rigney, Robert M., Sierra Madre, Calif. Combined syringe tank and hose enclosure. 2,062,040; Nov. 24.
Ringel, Herman, Newark, N. J. Mothproof metal clothes cabinet. 2,061,672; Nov. 24.
Ritchie, David M. (See Schoepf, T. H., and Ritchie.)
Roath, Edward W., Waterbury, assignor to The Chase Companies, Incorporated, New Haven, Conn. Corrosion-resistant tubes. 2,061,921; Nov. 24.
Röber, Konstantin F., assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Apparatus for applying the wrapper to the end of a cigar filler. 2,061,850; Nov. 24.
Roberts, Charles R., New York, N. Y., assignor to Regal Shoe Company, Whitmore, Mass. Shoe fitting device. 2,061,849; Nov. 24.
Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Filtering element and producing the same. 2,061,850; Nov. 24.
Roberts, Walter Van B., Princeton, N. J., assignor to Radio Corporation of America. Automatic sensitivity reduction system. 2,061,982; Nov. 24.
Robinson, Eli A., assignor to Collette Manufacturing Company, Amsterdam, N. Y. Baseball and manufacturing same. 2,062,147; Nov. 24.
Robinson, Harold H., assignor to Curtiss Aerocar Company, Inc., Coral Gables, Fla. Trailer vehicle. 2,061,673; Nov. 24.
Robinson, Jack D., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Producing nuclear alkylated aromatic compounds. 2,061,593; Nov. 24.
Robinson, Thomas L., assignor to McGill Manufacturing Company, Valparaiso, Ind. Roller bearing. 2,062,041; Nov. 24.
Robinson, Samuel C., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Process and container for packaging beverages. 2,062,234; Nov. 24.
Rogers, Leo M., New York, N. Y. Making stabilized coffee. 2,062,109; Nov. 24.
Röhm & Haas Company. (See Andrews, C. E., and Spence, assignors.)
Rosenfeldt, Paul, Milwaukee, Wis. Rotating electric furnace. 2,061,741; Nov. 24.
Ross, Sam, Brooklyn, assignor to Major Leather & Supply Co., New York, N. Y. Machine for cording ornamentation. 2,061,922; Nov. 24.
Rossi, Petro A., Youngstown, Ohio. Table. 2,061,717; Nov. 24.
Rossiter, William M., Furlong, Pa. Silk moistener. 2,062,071; Nov. 24.
Rossman, Allen M., Wilmette, assignor to Rossman Engineering Company, Chicago, Ill. System for adjustable speed control of alternating current motors. 2,061,983; Nov. 24.
Rossman Engineering Company. (See Rossman, Allen M., assignor.)
Rossow, Walter D. (See Benner, R. C., Mahlman, and Rossow.)
Rotor Gas Valve Co., The. (See Pratt, B., and Weinreich, assignors.)

Routh, Almond C., Sandusky, Ohio, assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Frozen confection. 2,062,277; Nov. 24.

Ruff, Alonzo W., assignor to York Ice Machinery Corporation, York, Pa. Refrigeration. 2,062,235; Nov. 24.

Ruggierl, Frank, Brooklyn, N. Y. Battleship and protector. 2,062,252; Nov. 24.

Rutgerswerke-Aktiengesellschaft. (See Zwingauer, Nathanael, assignor.)

Rutkoskie, George A., assignor to The McBee Company, Athens, Ohio. Apparatus for presses for producing wax carbon spots on sheets of paper. 2,061,984; Nov. 24.

Ryerson & Haynes, Inc. (See Schmidt, F. W., and Beach, assignors.)

Saferite, Lloyd R., Los Angeles, assignor of one-half to E. G. Leap, Merced, Calif. Tire boot. 2,061,851; Nov. 24.

Safety Torpedo Corporation. (See Sherman, Louie A., assignor.)

Sampson, Max, Gary, Ind. Toy aeroplane and control therefor. 2,061,953; Nov. 24.

Samuel, Arthur L., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,061,594; Nov. 24.

Sändig, Kurt, Zwickau, Germany, assignor to firm The Resinous Products & Chemical Co., Inc., Philadelphia, Pa. Producing particularly stable condensation products. 2,061,635; Nov. 24.

Sardik Incorporated. (See Cowgill, W. W., and Pease, assignors.)

Sargent, Don A., Portland, Maine. Ventilating and air-conditioning apparatus. 2,062,042; Nov. 24.

Saunders, Oliver G., Dayton, Ohio, and G. A. Christ, Jamaica, N. Y., assignors, by mesne assignments, to Central United National Bank, Cleveland, Ohio, as trustee. Flag lock. 2,061,636; Nov. 24.

Saurer, Curt, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Axle construction. 2,061,985; Nov. 24.

Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Loose leaf binding device. 2,061,675; Nov. 24.

Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Book binding construction. 2,061,677; Nov. 24.

Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Ring binder construction. 2,061,676; Nov. 24.

Schnefer, John, et al. (See Cuddigan, Bartholomew O., assignor.)

Schnaffner, John F., Arcadia, Wis. Lathe. 2,061,777; Nov. 24.

Schicht, Heinrich, Huckeswagen, assignor to the firm: W. Ferd. Klingelnberg, Söhne, Remscheid-Berghausen, Germany. Compensating mechanism for thread cutting machines. 2,061,778; Nov. 24.

Schlesische Spiegelglas-Manufactur Carl Tielsch, G. m. b. H. (See Lamesch, Armand, assignor.)

Schmidt, Frank W., and F. E. Beach, assignors to Ryerson & Haynes, Inc., Jackson, Miss. Tire cover. 2,061,986; Nov. 24.

Schneider & Cie, et al. (See Daum, Leon, assignor.)

Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Co., Cincinnati, Ohio. Magnetic brake. 2,062,192; Nov. 24.

Schubert & Salzer Maschinenfabrik Aktiengesellschaft. (See Heinitz, Woldemar, assignor.)

Schüler, Hugo, Chemnitz, assignor to Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges., Schonau, near Chemnitz, Germany. Typewriting machine. 2,062,236; Nov. 24.

Schulz, Otto H., Oakland, Calif. Self-serve hot plate. 2,061,637; Nov. 24.

Schumann, Otto. (See Bockmuhl, M., Schumann, Ehrhart, and Stein.)

Schwartz, Irving, Newton, Mass. Case. 2,062,237; Nov. 24.

Schweitzer & Conrad, Inc. (See Conrad, Nicholas J., assignor.)

Schweitzer, Frank J., Bren, Calif. Flow bean valve. 2,061,852; Nov. 24.

Schweizer, Albert P. (See Hunt, J. H., and Schweizer.)

Scott, Clyde, East Orange, N. J. Composite film and picture and producing them. 2,061,678; Nov. 24.

Scott, Richard H., Enfield, assignor to Linotype and Machinery Limited, London, England. Typographical composing machine. 2,061,881; Nov. 24.

Scott, Walter A., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Teat cup liner. 2,061,809; Nov. 24.

Sealed Power Corporation. (See Johnson, Charles E., assignor.)

Seavey, Frederick R. (See Olin, F. W., Myers, and Seavey.)

Secrest, William J. (See Lewis, A. P., and Secrest.)

Segal, Samuel, New York, N. Y. Lock. 2,061,638; Nov. 24.

Semon, Waldo L., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparing antioxidants. 2,061,779; Nov. 24.

Sentry Safety Control Corporation. (See De Luca, Joseph, assignor.)

Serrurier, Iwan, Los Angeles, Calif. Film rewinder. 2,062,016; Nov. 24.

Seyfried, Warren R., Birmingham, Ala. Digesting phosphate rock. 2,061,639; Nov. 24.

Shaeffer, George D., Bucyrus, Ohio. Slide rule. 2,061,853; Nov. 24.

Sharples Specialty Company, The. (See Jones, Leo D., assignor.)

Shell Development Company. (See Groll, H. P. A., and Hearne, assignors.)

Sherman, Jacob D., C. S. Reed, and O. C. Currie, assignors to Reynolds Spring Company, Jackson, Mich. Seat frame for automobiles and the like. 2,061,923; Nov. 24.

Sherman, John Q. (See Metzner, A. W., and Sherman.)

Sherman, John Q., Dayton, Ohio. Typewriter attachment. 2,061,595; Nov. 24.

Sherman, Louie A., Florissant, assignor to Safety Torpedo Corporation, St. Louis, Mo. Track torpedo. 2,061,854; Nov. 24.

Shiffler, William H., and M. M. Holm, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Distilling alcohols. 2,061,810; Nov. 24.

Shipway, George E., Darien, Conn., assignor to Johns-Manville Corporation, New York, N. Y. Building assembly and aligning means for use therein. 2,061,882; Nov. 24.

Short, Charles R., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Piston ring and producing same. 2,061,780; Nov. 24.

Siemens & Halske Aktiengesellschaft. (See Kroll, W., and Zapf, assignors.)

Silverstein, William I., Hoboken, N. J. Truss. 2,061,596; Nov. 24.

Simonton, Warren R., Huntington, W. Va., assignor to Owens-Illinois Glass Company. Machine for decorating flat surfaces. 2,061,679; Nov. 24.

Singiser, John P., Chicago, Ill., assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressing machine control. 2,062,017; Nov. 24.

Sinko, John, Chicago, Ill. Mounting plug. 2,061,811; Nov. 24.

Sipe, Harry E., New York, N. Y., assignor to Hookless Fastener Company. Separable fastener. 2,061,680; Nov. 24.

Sipe, Harry E., New York, N. Y., assignor to Hookless Fastener Company. Separable fastener. 2,061,683; Nov. 24.

Slate, McLennen C., Albany, N. Y. Combination scraper and bulldozer. 2,061,924; Nov. 24.

Slater, Franklin A., Pontiac, assignor of one-eighth to G. B. Willcox, Saginaw, Mich. Sorting materials. 2,061,812; Nov. 24.

Slipikas, Benjamin, Brooklyn, N. Y. Parachute for airplane. 2,061,640; Nov. 24.

Smith, A. O., Corporation. (See Larson, Clas S., assignor.)

Smith, Carlton E. (See McKinney, R. M., and Smith.)

Smith, Edward W., and C. A. Hall, assignors to The Electric Storage Battery Company, Philadelphia, Pa. Apparatus for setting storage battery plates. 2,062,193; Nov. 24.

Smith, Harold M., P. Grandone, and H. T. Rall, Bartlesville, Okla. Pyrolysis of methane. 2,061,597; Nov. 24.

Smith, Harold M., and P. Grandone, Bartlesville, Okla. Producing ethylene. 2,061,598; Nov. 24.

Smith, Henry M. (See Pappert, E., and Smith.)

Smith, Hiram T. (See Gilstrap, C. L., Smith, and Ralston.)

Smith-Johnson Corporation. (See Smith, Neil V., assignor.)

Smith, Lloyd E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,061,599; Nov. 24.

Smith, Neil V., assignor to Smith-Johnson Corporation, Los Angeles, Calif. Grease gun. 2,061,813; Nov. 24.

Smith, Norman G., Brunswick, and S. Smith, Auburn, Maine. Purifying feldspar. 2,062,072; Nov. 24.

Smith, Ralph E., assignor to The Gallon Metallic Vault Company, Gallon, Ohio. Power take-off mechanism. 2,062,194; Nov. 24.

Smith, Ralph E., assignor to The Gallon Metallic Vault Company, Gallon, Ohio. Power take-off mechanism. 2,062,195; Nov. 24.

Smith, Stanton G. (See Smith, Norman G., and S. G.)

Snyder, Cloyd L., South Bend, Ind. Aircraft. 2,062,148; Nov. 24.

Sorensen, Otto A., Lakeview, N. Y. Spray device. 2,061,987; Nov. 24.

Speik, Frederick A. (See Blake, William F., assignor.)

Spence, John L., Jr., Brooklyn, N. Y. Backlast and wear take-up for gears. 2,061,684; Nov. 24.

Spence, Le Roy U. (See Andrews, C. E., and Spence.)

Spencer, Allard W., Winchester, assignor to J. P. Eustis Manufacturing Company, Cambridge, Mass. Support for bathroom articles and the like. 2,061,855; Nov. 24.

Spencer Lens Company. (See MacDonald, George S., assignor.)

Spencer, Millard C., East Orange, assignor to Crocker-Wheeler Electric Manufacturing Company, Ampere, N. J. Internal combustion engine. 2,061,600; Nov. 24.

Sperry Gyroscope Company. (See Carlson, Bert G., assignor.)

Sperry Products, Inc. (See Perry, Walter M., assignor.)

Spickler, Charles A., Yardley, Pa. Variable liner gauge for integral line-casting type machines. 2,061,925; Nov. 24.

Spohr, Carl W., assignor to Mechanical Refrigerated Car Company, Chicago, Ill. Temperature controlled vehicle. 2,061,856; Nov. 24.

Spurrier, Frank, Berkeley, Calif. Overhead rail. 2,061,857; Nov. 24.

Srbek, Josef. (See Kubelka, P., and Srbek.)

Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Hydraulic press. 2,062,043; Nov. 24.

Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Hydraulic system. 2,062,196; Nov. 24.

Stahl, Frank E., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Adjustable clamp. 2,061,718; Nov. 24.

Stampfli, Joseph. (See Lawson, H. L., and Stampfli.)

Standard Oil Company of California. (See Shiffler, W. H., and Holm, assignors.)

Standard Oil Development Company. (See Frolich, P. K., and Wiezevich, assignors.)

Standard Oil Development Company. (See Steik, Karl T., assignor.)

Standard Stoker Company, The. (See Surdy, C. J., and Turner, assignors.)

Standley, Albert H., assignor to Downington Manufacturing Company, Downington, Pa. Paper machinery. 2,062,238; Nov. 24.

Stark, Gerald R., Old Greenwich, Conn., and J. A. Main, New York, N. Y., assignors to The Patent and Licensing Corporation, New York, N. Y. Composition roofing. 2,062,149; Nov. 24.

Stauffer, Christian H., Orofino, Idaho. Razor stropping device. 2,061,858; Nov. 24.

Steger, Elmer F. (See Zimmerman, A. C., and Steger.)

Steik, Karl T., Elizabeth, N. J., assignor to Standard Oil Development Company. Preparing alcohol-amine mineral oil sulphonates. 2,061,601; Nov. 24.

Stein, Hyman, Chelsea, Mass. Receptacle for catch basins or the like. 2,061,781; Nov. 24.

Stein, Leonhard. (See Bockmühl, M., Schaumann, Ehrhart, and Stein.)

Steinmetz, William F., New York, N. Y. Fuel burner. 2,061,988; Nov. 24.

Stickney, Burnham C., Hillside, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,061,989; Nov. 24.

Stoddard, Alfred L. (See Stout, Lloyd J., assignor.)

Stoffel, Franz L., Arbon, Switzerland. Apparatus for making signs. 2,062,044; Nov. 24.

Stout, Lloyd J., assignor to A. L. Stoddard, Chicago, Ill. Fluid connection and valve assembly. 2,061,814; Nov. 24.

Street, Gustavus C., Jr., Houston, Tex. Motor driven vehicle. 2,061,719; Nov. 24.

Stroud, Archibald W., Milngavie, Scotland. Conveyer. 2,061,782; Nov. 24.

Sullivan Machinery Company. (See Holmes, Morris P., assignor.)

Sullivan Machinery Company. (See Huffman, Mervin C., assignor.)

Sullivan Machinery Company. (See Noble, Warren, assignor.)

Sullivan Machinery Company. (See Wyman, Charles W., assignor.)

Sunberg, Gustaf A. (See Viberg, Sven G., assignor.)

Sundback, Gideon, assignor to Hookless Fastener Company, Meadville, Pa. Slide fastener. 2,061,682; Nov. 24.

Surdy, Charles J., Tuckahoe, and E. A. Turner, New York, N. Y., assignors to The Standard Stoker Company, Incorporated. Stoker mechanism. 2,061,783; Nov. 24.

Sussberg & Feinberg, Inc. (See Sussberg, Victor L., assignor.)

Sussberg, Victor L., assignor to Sussberg & Feinberg, Inc., New York, N. Y. Slip. 2,062,150; Nov. 24.

Swank, James W. (See Calkins, R. M., and Swank.)

Swart, Richard H., assignor to General Refrigeration Corporation, Beloit, Wis. Heat interchanger. 2,061,742; Nov. 24.

Swartwout, Amy R., executrix. (See Swartwout, Everett W.)

Swartwout, Everett W., deceased, White Plains, N. Y., by A. R. Swartwout, Executrix. Transformer mensuring instrument. 2,062,110; Nov. 24.

Swift, Otto S., Long Beach, Calif. Vertical structural interlocking panel system. 2,061,859; Nov. 24.

T. & P. Optical Co. (See Pappert, E. & Smith, assignors.)

Tarisien, Theophile, Livry-Vargan, France, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. High speed passenger brake. 2,061,883; Nov. 24.

Taylor & Company. (See Taylor, John M., assignor.)

Taylor, John M., Villanova, assignor, to Taylor & Company, Norristown, Pa. Nonmetallic gear, pulley, and the like. 2,061,815; Nov. 24.

Tear, Harry R., Evanston, Ill., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,061,743; Nov. 24.

Technicraft Engineering Corporation, The. (See Haines, Marcus W., assignors.)

Technicraft Engineering Corporation, The. (See Wells, Walter T., assignor.)

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Jobst, Günther, assignor.)

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Rechnitzer, Rudolph, assignor.)

Teletype Corporation. (See Rickerson, Frank H., assignors.)

Temple, George W., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Machine for testing collapsible tubes. 2,061,744; Nov. 24.

Tenderet Corporation. (See Hintz, John C., assignor.)

Tendler, David, Malvern, Pa. Gate latch. 2,062,073; Nov. 24.

Terrell Machine Company, The. (See Kimbirl, Julius E., assignor.)

Testi, Nicholas, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,061,720; Nov. 24.

Testi, Nicholas, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and blade. 2,061,721; Nov. 24.

Thomas, Adolph A., assignor to Radio Corporation of America, New York, N. Y. Remote control device for radio receivers. 2,062,259; Nov. 24.

Thompson, Joseph V., Buckeye, Tex. Rice wagon. 2,061,954; Nov. 24.

Thompson, Peter O., Perry, Iowa. Detachable sweep blade. 2,062,197; Nov. 24.

Thomsen, Carl L., Milwaukee, Wis. Poultry feeding and watering device. 2,062,239; Nov. 24.

Tiger, Howard L., assignor to The Permutit Company, New York, N. Y. Hydrometer. 2,061,722; Nov. 24.

Tinkham, Guy L., assignor to McCord Radiator & Mfg. Co., Detroit, Mich. Pressure cartridge. 2,061,641; Nov. 24.

Tischbein, Willy, Leverkusen-Kuppersteg, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyeing and printing vegetable and artificial fibers. 2,061,860; Nov. 24.

Tobold, Ewald F. (See Goff, W. F., and Tobold.)

Tolson, William A., Erlton, N. J., assignor to Radio Corporation of America. System and method of operation for communication by television. 2,062,198; Nov. 24.

Tornquist, Harold S., assignor to Mason and Parker Manufacturing Co., Winchendon, Mass. Canopy frame for beach or lawn chairs. 2,062,240; Nov. 24.

Troup, Lloyd V., Saginaw, Mich. Burial apparatus. 2,061,784; Nov. 24.

Trow, Fayville A., Albert Lea, Minn. Push button lighter. 2,061,926; Nov. 24.

Turner Company, The. (See Foster, Everette M., assignor.)

Turner, Edwin A. (See Surdy, C. J., and Turner.)

Tyler, Tracy B., assignor to The Monopower Corporation, Detroit, Mich. Clutch control means. 2,061,990; Nov. 24.

Tyson, Paul L., assignor to General Chemical Company, New York, N. Y. Making tin tetrachloride. 2,061,816; Nov. 24.

Uehling, Fritz F., Passaic, N. J. Temperature regulator. 2,061,884; Nov. 24.

Underwood Elliott Fisher Company. (See Stickney, Burnham C., assignor.)

Union Carbide and Carbon Corporation. (See Bagley, Glen D., assignor.)

Union Carbide and Carbon Corporation. (See Cooper, Hugh S., assignor.)

Union Carbide and Carbon Corporation. (See De Motte, Maurice P., assignor.)

Union Carbide and Carbon Corporation. (See Domizi, Dario, assignor.)

Union Switch & Signal Company, The. (See Bone, Herbert L., assignor.)

Union Switch & Signal Company, The. (See Brooks, Charles A., assignor.)

Union Switch & Signal Company, The. (See Crago, P. H., and Dodd, assignors.)

Union Switch & Signal Company, The. (See Jackel, Arthur P., assignor.)

Union Switch & Signal Company, The. (See Kemmerer, Ralph R., assignor.)

Union Switch & Signal Company, The. (See O'Hagan, Bernard E., assignor.)

Union Switch & Signal Company, The. (See Vanhorn, James J., assignor.)

Union Switch & Signal Company, The. (See Witmer, H. G., and Hedding, assignors.)

United American Bosch Corporation. (See Kongsted, Ludvig P., assignor.)

United American Bosch Corporation. (See Walker, C. L., Moatz, and Allen, assignors.)

United Hosiery Mills Corporation. (See Marshall, John L., assignor.)

United Metal Box Co. (See Hammer, Samuel, assignor.)

United Shoe Machinery Corporation. (See Winkley, Erastus E., assignor.)

United States Gauge Company. (See Gaiser, Paul, assignor.)

United States Rubber Products, Inc. (See Cady, John E., assignor.)

Universal Oil Products Company. (See Alther, Joseph G., assignor.)

Universal Oil Products Company. (See Egloff, G., and Fisher, assignors.)

Universal Oil Products Company. (See Morrell, Jacque C., assignor.)

"Universelle" Cigaretenmaschinen-Fabrik J. C. Müller & Co. (See Röbr, Konstantin F., assignor.)
Van Cleef Bros. (See Van Cleef, Paul, assignor.)
Van Cleef, Paul, assignor to Van Cleef Bros., Chicago, Ill. Hair curler. 2,061,817; Nov. 24.
Van Devanter, Harry R., New York, N. Y., assignor, by mesne assignments, to General Motors Corporation. Motor operated machine unit. 2,062,045; Nov. 24.
Vanhorn, James J., assignor to The Union Switch & Signal Company, Swissvale, Pa. Controlling apparatus for highway crossing signals. 2,061,785; Nov. 24.
Van Pelt, Charles H. C., trustee et al. (See Ott, Robert W., assignor.)
Vavro, Victor. Pittsburgh, Pa. Extension lamp bracket. 2,061,723; Nov. 24.
Vereinigte Stahlwerke Aktiengesellschaft. (See Wallmann, C., Grossweischede, and Kruse, assignors.)
Viber Company. (See Jorgensen, Enoch B., assignor.)
Viberg, Sven G., assignor to N. Harmmarstrom, and G. A. Sundberg, Gothenburg, Sweden. Continuously variable change speed mechanism. 2,062,241; Nov. 24.
Victor Chemical Works. (See Knox, W. H., Jr., and Cochran, assignors.)
Victor Metal Products Corporation. (See Temple, George W., assignor.)
Vogel, Benjamin M. (See Arnold, Franc, assignor.)
Vogt, Clarence W., assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Frozen comestible package. 2,062,278; Nov. 24.
Vogt, Clarence W., Greenwich, Conn., assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Packaged comestible. 2,062,279; Nov. 24.
Volk, Hans. (See Boedecker, F., and Volk.)
Vollmann, Eduard, Wuppertal-Barmen, Germany. Tobacco pipe. 2,061,786; Nov. 24.
Von Kujawa, Gerhard. (See Wilmanns, G., and von Kujawa.)
Voosen, Herman J. (See Voosen, Walter H., and H. J.)
Voosen, Walter H. and H. J., Hollis, N. Y. Periodical holder. 2,062,242; Nov. 24.
Wacker, Frederick G., trustee. (See Moller, J. A., and Wacker, assignors.)
Waddick, Arthur, Peosta, Iowa. Seed holding and distributing device. 2,061,955; Nov. 24.
Wadel, Felix B., Tyler, Tex. Electrical adding machine. 2,061,745; Nov. 24.
Wagner, Frederick P., assignor of one-half to A. J. Brauer, St. Louis, Mo. Shoe with expansible opening. 2,061,746; Nov. 24.
Wagner, Georg, Nuremberg, Germany. Protective coating for pencil cores. 2,062,074; Nov. 24.
Walker, Chester L., D. R. Moatz, and W. R. Allen, Third, assignors to United American Bosch Corporation, Springfield, Mass. Radio coil and switch assembly. 2,062,253; Nov. 24.
Walker, Ernest F. (See Gilbert, J. W., and Walker.)
Wallerstein, Leo, New York, N. Y. Treating beer and ale. 2,062,075; Nov. 24.
Wallmann, Carl, J. Grossweischede, and B. Kruse, Mulheim-Ruhr, assignors to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Production of iron sleepers. 2,061,861; Nov. 24.
Walsh, Philip J., San Francisco, Calif. Amplifying system. 2,061,602; Nov. 24.
Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges. (See Schüler, Hugo, assignor.)
Wanfried, William G., Hershey, Pa. Insect gatherer and destroyer. 2,061,724; Nov. 24.
Ward, Walter J., Lakewood, C. E. Bauerle, Cleveland, and F. H. Dalrymple, Bedford, Ohio. Rendering bottles nonrefillable. 2,061,603; Nov. 24.
Ward, Willis C., Orchard Lake, Mich. Garment supporter. 2,061,956; Nov. 24.
Warg, Charles A., assignor to McClave-Brooks Company, Scranton, Pa. Underfeed stoker. 2,062,076; Nov. 24.
Warner, Arthur P., Beloit, Wis. Magnetic clutch. 2,061,787; Nov. 24.
Waterbury Clock Company, The. (See Perry, Rupert C., assignor.)
Watson, James C., and J. M. Alexander, Vancouver, British Columbia, Canada. Hose supporter. 2,062,077; Nov. 24.
Weatherby, Benjamin B., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Making sub-surface determinations. 2,062,151; Nov. 24.
Weber, Walter H., assignor to Detroit Lubricator Company, Detroit, Mich. Carburetor. 2,062,260; Nov. 24.
Webster Manufacturing Company, The. (See Lang, William H., assignor.)
Weco Manufacturing Company. (See Brooks, Lester M., assignor.)
Weidenhoff, Joseph, Inc. (See Haskins, Butler J., assignor.)
Weidenhoff, Joseph, Inc. (See Haskins, B. J., and Reitherman, assignors.)
Weigand, Sylvester A. (See Bolton, J. W., and Weigand.)
Weinreich, George F. (See Pratt, B., and Weinreich.)
Weiss, Samuel, Brooklyn, N. Y. Tag fastener. 2,061,927; Nov. 24.
Welch, Ralph M. (See Ewart, Archibald, assignor.)
Welk, Nelson S., assignor to The McBee Company, Athens, Ohio. Printing press. 2,062,152; Nov. 24.
Welk, Nelson S., assignor to The McBee Company, Athens, Ohio. Carbon flow adjusting attachment for rotary web printing presses. 2,062,154; Nov. 24.
Welk, Nelson S., and D. A. Nevin, assignors to The McBee Company, Athens, Ohio. Key punch. 2,062,153; Nov. 24.
Welk, Nelson S., and D. A. Nevin, assignors to The McBee Company, Athens, Ohio. Double row key punch. 2,062,155; Nov. 24.
Wells, Walter T., Glendale, assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Cable construction. 2,061,862; Nov. 24.
Wells, Walter T., Glendale, assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Weight and tension measuring device. 2,061,863; Nov. 24.
Wells, Walter T., Glendale, assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Electrically operated fishing tool. 2,061,864; Nov. 24.
Wells, Walter T., Glendale, assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Water eductor and method. 2,061,865; Nov. 24.
Wensler, Charles J., St. Louis, assignor, by mesne assignments, to Baltimore Paper Company, Kansas City, Mo. Machine for manufacturing window envelopes. 2,061,885; Nov. 24.
Wenzel, Albert W., Paterson, N. J. Piston skirt expander. 2,062,078; Nov. 24.
Wesley, Arthur, assignor to Burton-Dixie Corporation, Chicago, Ill. Studio couch. 2,061,725; Nov. 24.
West, Fred, assignor to S. Gumpert Co., Inc., Brooklyn, N. Y. Packaging machine. 2,061,886; Nov. 24.
Western Cartridge Company. (See Olin, F. W., Meyers, and Seavey, assignors.)
Western States Machine Company, The. (See Roberts, Eugene, assignor.)
Westinghouse Air Brake Company, The. (See Aikman, Burton S., assignor.)
Westinghouse Air Brake Company, The. (See Baughman, George W., assignor.)
Westinghouse Air Brake Company, The. (See Fitch, Ellery R., assignor.)
Westinghouse Air Brake Company, The. (See Hewitt, Ellis E., assignor.)
Westinghouse Air Brake Company, The. (See Logan, John W., Jr., assignor.)
Westinghouse Air Brake Company, The. (See Mautsch, Robert H., assignor.)
Westinghouse Air Brake Company, The. (See Miller, Raymond E., assignor.)
Westinghouse Air Brake Company, The. (See Tarisien, Theophile, assignor.)
Westinghouse Electric & Manufacturing Company. (See Huggins, Leroy G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Knowles, Dewey D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Koppelmann, F., Knufmann, and Kesselring, assignors.)
Weyers, Theodorus J., Eindhoven, Netherlands, assignor to Radio Corporation of America. Local oscillator circuit. 2,061,818; Nov. 24.
Wheaton, Jack M., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Closure. 2,061,685; Nov. 24.
Wheeler, Harold A., Great Neck, Long Island, N. Y., assignor to Hazeltine Corporation. High-frequency signaling system. 2,061,991; Nov. 24.
Wheeler, Wellington B., El Segundo, assignor of one-half to F. E. Gaines, Los Angeles, Calif. Dirigible aircraft propulsion and control. 2,062,018; Nov. 24.
Whisk, Samuel, Brooklyn, assignor of forty-five per cent to R. I. Gerrish, New York, N. Y. Multirange radio receiving system. 2,062,111; Nov. 24.
White, Clarence B., Montclair, N. J., assignor to Wm. E. Hooper & Sons Company, Baltimore, Md. Treating cotton fabric and product. 2,061,686; Nov. 24.
Whitlock Cordage Company. (See Brown, E. W., and Farrell, assignors.)
Wiener, Herman. (See Rachlin, Max, assignor.)
Wiezevich, Peter J. (See Frolich, P. K., and Wiezevich.)
Wiles, Russell, Chicago, Ill., assignor to Winchester Repeating Arms Co., New Haven, Conn. Small-bore target rifle. 2,062,079; Nov. 24.
Wilkoff, Arthur E., Niles, Ohio, assignor, by mesne assignments, to Bocji Corporation, Pittsburgh, Pa. Apparatus and process for purifying oil. 2,061,687; Nov. 24.
Willcox, George B. (See Slater, Franklin A., assignor.)
Williams, Floyd J., Oklahoma City, Okla. Freezing tray agitator. 2,061,819; Nov. 24.
Williams, Hubert L., assignor, by mesne assignments, to The New York Central Railroad Company, Detroit, Mich. Auto boxcar. 2,062,243; Nov. 24.
Williams, Wesley I. (See Loehnis, J. L., and Williams.)
Williamson, Henry C., assignor to The Beckley-Ralston Co., Chicago, Ill. Pressure control mechanism for draft tubes. 2,061,642; Nov. 24.
Wilmanns, Gustav, Wolfen, Kreis Bitterfeld, and G. von Kujawa, Dessau-in-Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of direct positives for autotype. 2,061,688; Nov. 24.
Wilson, Allen B., Evanston, assignor to Acme Steel Company, Chicago, Ill. Forming a container and apparatus therefor. 2,062,112; Nov. 24.

Wilson, Caesar L., Dassel, Minn. Delivery window for vehicles. 2,061,689; Nov. 24.
Wilson, Clarence C., assignor to The Compressed Paper Box Corporation, Bridgeport, Conn. Folding book-shaped box. 2,061,992; Nov. 24.
Wilson & Co. (See Gaarder, H. M., and Becker, assignors.)
Wilson, John S., C. W. Millspaugh, Detroit, Mich., and E. G. Overmire, New York, N. Y., assignors to The New York Central Railroad Company. Vehicle loading rack and lifting device. 2,062,244; Nov. 24.
Winchester Repeating Arms Co. (See Wiles, Russell, assignor.)
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method and machine for attaching soles to shoes. 2,061,690; Nov. 24.
Winsor, George B. (See Winsor, Thomas B., and G. B.)
Winsor, Thomas B., and G. B. Winsor, Milpitas, Calif. Earthworking tool. 2,061,691; Nov. 24.
Winterbauer, Henry T., assignor to John T. Clark Company, Chicago, Ill. Playing ball. 2,061,604; Nov. 24.
Winthrop Chemical Company. (See Bockmühl, M., and Ludwig, assignors.)
Winthrop Chemical Company. (See Bockmühl, M., Schaumann, Ehrhart, and Stein, assignors.)
Witmer, Harold G., Pittsburgh, and L. K. Hedding, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,061,747; Nov. 24.
Wolff, Arthur, Chicago, Ill. Viewing attachment for cameras. 2,061,643; Nov. 24.
Woods, Fred, Richmond, Surrey, England, assignor to Radio Corporation of America. Tuner. 2,061,726; Nov. 24.
Wooten, Robert R. (See Hester, Loring R., assignor.)
World Bestos Corporation. (See Nanfeldt, William, assignor.)
Wright, Edward A., Fresno, Calif. Automobile body. 2,061,788; Nov. 24.
Wright, Stephen G., Chicago, Ill. Preventing blooming of roofing granules. 2,062,080; Nov. 24.
Wyman, Charles W., Claremont, N. H., assignor to Sullivan Machinery Company. Electrical controller. 2,061,887; Nov. 24.
Yeadon, Robert. (See Hale, F. C., and Yeadon.)
Yoder, Howard D., assignor to Penberthy Injector Company, Detroit, Mich. Heat control system. 2,061,605; Nov. 24.
York Ice Machinery Corporation. (See Ruff, Alonzo W., assignor.)
Young, Eddilaw. (See Alvear, Victor, assignor.)
Zapf, Georg. (See Kroll, W., and Zapf.)
Zellhoefer, Glenn F., Bloomington, Ill. Refrigerating apparatus. 2,061,606; Nov. 24.
Zerbst, Herbert J., Pittsburgh, Pa. License plate holder. 2,062,156; Nov. 24.
Zimmerman, Arthur C., and E. F. Steger, assignors to The Duro Company, Dayton, Ohio. Deep well pump. 2,061,789; Nov. 24.
Zwingauer, Nathanael, Berlin-Wilmersdorf, assignor to Rütgerswerke-Aktiengesellschaft, Berlin, Germany. Wooden plug. 2,062,081; Nov. 24.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 24TH DAY OF NOVEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Air conditioning railroad cars, System for. H. R. Arf. 20,178; Nov. 24.
Beach chair. H. A. Freedman. 20,181; Nov. 24.
Freezer, Continuous. A. T. Light. 20,183; Nov. 24.
Leatherboard product and making the same. H. W. Richter. 20,184; Nov. 24.
Razor and blade, Safety. N. Testi. 20,185; Nov. 24.
Sheet material and preparing the same, Decorative. R. G. Jackson. 20,182; Nov. 24.
Strip-serving machine. T. R. Gautier and H. E. Nichols. 20,180; Nov. 24.
Strip serving mechanism. E. H. Chabot. 20,179; Nov. 24.

LIST OF PLANT INVENTIONS

Rose. J. F. Hiscox. 208; Nov. 24.

LIST OF DESIGN INVENTIONS

Alphabet. L. H. Klein. 102,110; Nov. 24.
Andiron. A. L. Norman. 102,063; Nov. 24.
Ashtray. W. E. Mackelfresh, Jr. 102,087; Nov. 24.
Belt or similar article, Lady's. J. Levine. 102,113; Nov. 24.
Boot, Ski. G. Mayer. 102,034; Nov. 24.
Bottle. L. Mann. 102,033; Nov. 24.
Bottle. W. D. Plummer. 102,036; Nov. 24.
Bowl or similar article, Glass. A. H. Nicholson. 102,091; Nov. 24.
Box, Dice. M. M. Coles. 102,025; Nov. 24.
Brush. N. Kirsten. 102,055; Nov. 24.
Buckle. F. F. Ashton. 102,024; Nov. 24.
Buckle. J. I. Schaffer. 102,038–40; Nov. 24.
Building. R. J. Shaw. 102,115; Nov. 24.
Burner, Oil. E. J. Lattner. 102,059; Nov. 24.
Casing, Flashlight. B. P. Hyde. 102,108; Nov. 24.
Casing for an ice breaking machine or similar article. J. J. Shively. 102,095; Nov. 24.
Chair. W. Hoffmann. 102,030; Nov. 24.
Chair. A. S. Wexelblatt. 102,044–6; Nov. 24.
Chair. A. S. Wexelblatt. 102,099; Nov. 24.
Chair, Vehicle. R. W. Naegele. 102,090; Nov. 24.
Coat. S. Sandhaus. 102,094; Nov. 24.
Desk or similar article. J. R. Jones. 102,052–4; Nov. 24.
Dial and hands for a clock or similar article, Combined. L. Moro. 102,089; Nov. 24.
Fabric, Knitted. B. Siegel. 102,068–70; Nov. 24.
Fabric or similar article, Printed textile. M. R. Hamre. 102,117–19; Nov. 24.
Fabric, Pile. W. H. Rollinson. 102,120; Nov. 24.
Fabric, Printed. W. A. Basser. 102,116; Nov. 24.
Fabric, Woven textile. J. L. Walther. 102,098; Nov. 24.
Fan blade and shaft guard, Combined. A. S. Knapp. 102,056; Nov. 24.
Fan, Exhaust. H. C. Hueglin. 102,083; Nov. 24.
Flashlight. C. D. Barrett. 102,073; Nov. 24.
Font, Printing type. I. Reiner. 102,093; Nov. 24.
Freezer and display counter, Combined ice cream. E. B. Eckland. 102,026; Nov. 24.
Game board. V. Linfante. 102,032; Nov. 24.
Garment for women, Foundation. H. Wipperman. 102,102; Nov. 24.
Goblet or similar article, Stemmed. W. P. Morrison. 102,062; Nov. 24.
Handbag or similar article. E. Konelsky. 102,111; Nov. 24.
Handkerchief. S. E. Rains. 102,114; Nov. 24.
Handle, Carrying. G. A. Adams. 102,023; Nov. 24.
Handle stick for confectionary product. J. V. Cariffe. 102,076; Nov. 24.
Heater. Automobile. C. H. Will and H. W. Fink. 102,101; Nov. 24.
Ice cream cone. H. Payne. 102,092; Nov. 24.
Jack, Boot. M. O. Westbrook. 102,043; Nov. 24.
Lace. L. Birnbaum. 102,074; Nov. 24.
Lace. J. Dognin. 102,104–7; Nov. 24.
Lace. B. Edson. 102,077–8; Nov. 24.
Lace. L. B. Hart and H. E. Lewy. 102,080–82; Nov. 24.
Lens, Automobile. M. A. Smith. 102,097; Nov. 24
Light, Combination tail and signal B. Bleczinski. 102,075; Nov. 24.
Medal or similar article. D. A. Parish. 102,064; Nov. 24.
Monument. J. H. Wise. 102,047; Nov. 24.
Necktie. R. Ross. 102,037; Nov. 24.
Net, Embroidered. J. J. Blackstone. 102,103; Nov. 24.
Ornament, Automobile radiator cap. A. Sebek. 102,067; Nov. 24.
Ornament or similar article, Radiator. A. V. Lapteff. 102,112; Nov. 24.
Pencil. A. L. Davis. 102,049; Nov. 24.
Pitcher. W. E. Mackelfresh, Jr. 102,088; Nov. 24.
Plate or similar article. B. N. Kane. 102,109; Nov. 24.
Prophylactic device for the oral cavity. E. I. and A. R. Brothers. 102,048; Nov. 24.
Rail or similar article, Kneeling. L. A. Goldsmith. 102,051; Nov. 24.
Refrigerator cabinet body. P. M. Koons. 102,031; Nov. 24.
Refrigerator cabinet body. P. M. Koons. 102,057; Nov. 24.
Ring, Finger. F. J. Gaertner. 102,079; Nov. 24.
Roller, Massage. K. P. Woodside. 102,072; Nov. 24.
Shoe. J. J. Gaughan. 102,028; Nov. 24.
Sink, Cabinet. L. C. Love and P. F. Jones. 102,060; Nov. 24.
Sink, Cabinet. L. C. Love and P. F. Jones 102,086; Nov. 24.
Stool and milk pail support, Combined. E. W. Gillaspie. 102,029; Nov. 24.
Store. W. D. White. 102,100; Nov. 24.
Stove. J. C. Rogers. 102,066; Nov. 24.
Table. A. E. Meyerhoff. 102,035; Nov. 24.
Tank, Automobile. E. C. Liston. 102,085; Nov. 24.
Tank, Vehicular. F. G. Thwaits. 102,071; Nov. 24.
Target practicing device. F. C. McClellan. 102,061; Nov. 24.
Toy aeroplane. D. A. Vaughan. 102,042; Nov. 24.
Toy cannon. D. A. Vaughan. 102,041; Nov. 24.
Tumbler, Glass. D. M. Smith. 102,096; Nov. 24.
Vehicle body, Juvenile. H. L. Kraeft. 102,058; Nov. 24.
Vehicle body, Juvenile. H. L. Kraeft. 102,084; Nov. 24.
Violin or similar article. A. F. Randall and Ostermeyer. 102,065; Nov. 24.
Washer, Sand. H. W. Dietart. 102,050; Nov. 24.
Wheel, Grinding. C. F. Gallor. 102,027; Nov. 24.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 24TH DAY OF NOVEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrasive articles, Manufacture of. R. C. Benner, O. L. Mahlman, and W. D. Rossow. 2,061,931; Nov. 24.
Abrasive material, Making. G. H. Kann. 2,062,093; Nov. 24.
Accounting machine, Record controlled. J. W. Bryce, G. F. Daly, and J. M. Cunningham. 2,062,117; Nov. 24.
Accounting machine, Successive discount. J. W. Bryce. 2,062,119; Nov. 24.
Acid derivatives of aliphatic hydrocarbons useful as wetting and cleansing agents, Sulphonic. F. B. Downing and R. G. Clarkson. 2,061,617; Nov. 24.
Adjustable clamp. F. E. Stahl. 2,061,718; Nov. 24.
Advertising card and forming same, Blotting paper stock. C. K. Miller. 2,061,844; Nov. 24.
Agitator, Freezing tray. F. J. Williams. 2,061,819; Nov. 24.
Air brake. C. A. Campbell. 2,062,207; Nov. 24.
Air conditioner. N. M. Belden. 2,061,646; Nov. 24.
Air conditioning apparatus. L. G. Huggins. 2,062,054; Nov. 24.
Air conditioning apparatus, Portable. M. Berlowitz. 2,062,158; Nov. 24.
Air cooling, circulating, and controlling device and process. W. L. Morrison. 2,062,187; Nov. 24.
Air filter. H. M. Gaarder and C. W. Becker. 2,062,090; Nov. 24.
Air filtering appliance for bottles. H. E. Chapman. 2,061,958; Nov. 24.
Air strainer device. E. E. Hewitt. 2,061,904; Nov. 24.
Aircraft. C. L. Snyder. 2,062,148; Nov. 24.
Aircraft propulsion and control, Dirigible. W. B. Wheeler. 2,062,018; Nov. 24.
Alcohols, Distilling. W. H. Shiffler and M. M. Holm. 2,061,810; Nov. 24.
Aliphatic acids, anhydrides and ketones, Manufacture of. H. Dreyfus. 2,061,615; Nov. 24.
Alloy, Making. J. W. Bolton and S. A. Weigand. 2,061,648; Nov. 24.
Alloy, Silver. C. B. Gwyn, Jr. 2,061,624; Nov. 24.
Alloys, Heat treatable nickel-beryllium. W. Hessenbruch. 2,062,130; Nov. 24.
Alloys of lead and tin, Desilverizing. J. O. Betterton and Y. E. Lebedeff. 2,062,116; Nov. 24.
Alloys of lead and tin, Refining. J. O. Betterton and Y. E. Lebedeff. 2,061,904–5; Nov. 24.
Amines, Separation and purification of methyl. C. E. Andrews and LeR. T. Spence. 2,061,889; Nov. 24.
Ammunition. M. W. Haines. 2,061,835; Nov. 24.
Ammunition supplying device. L. Daum. 2,062,212; Nov. 24.
Amplifying system. P. J. Walsh. 2,061,602; Nov. 24.
Anchor and making the same, Rail. D. C. Mulvihill. 2,061,804; Nov. 24.
Anesthetic combinations containing, besides a local anesthetic agent, a vasoconstricting agent. M. Bockmühl, O. Schaumann, G. Ehrhart, and L. Stein. 2,061,557; Nov. 24.
Antifreeze rubber belt compound and making the same. J. Rockoff. 2,061,674; Nov. 24.
Anti-freezing device. A. Atkinson. 2,062,246; Nov. 24.
Antifriction bearing. C. T. Foss. 2,061,999; Nov. 24.
Antifriction bearing. A. J. Franch. 2,061,653; Nov. 24.
Antioxidants, Preparing. W. L. Semon. 2,061,779; Nov. 24.
Antiskid attachment for shoes. C. Gabriele. 2,061,962–3; Nov. 24.
Apparatus for the manual execution of typographical lines with matrices. A. Bernadi. 2,061,609; Nov. 24.
Aqueous solution of anesthetic substances. M. Bockmühl and W. Ludwig. 2,061,544; Nov. 24.
Aromatic compounds, Producing nuclear alkylated. J. D. Robinson. 2,061,593; Nov. 24.
Articles of manufacture. A. S. Hunter. 2,062,179; Nov. 24.
Automatic integrating control, System of. A. S. Reynolds. 2,062,251; Nov. 24.
Automobile body. E. A. Wright. 2,061,788; Nov. 24.
Automobile service lift. T. A. Martin. 2,061,975; Nov. 24.
Axle construction. E. Lanto. 2,062,096; Nov. 24.
Axle construction. C. Saurer. 2,061,985; Nov. 24.
Axle with leaf spring suspension, Divided. C. Opolo. 2,062,012; Nov. 24.
Back lash and wear take-up for gears. J. L. Spence, Jr. 2,061,684; Nov. 24.
Bag: *See*—
Parcel bag.
Bag frame fastener. W. C. Hiering and F. W. Goerdes. 2,061,907; Nov. 24.
Bags, Making sealed. H. Haskell. 2,062,265; Nov. 24.
Baking powder. H. B. Rathbun. 2,062,039; Nov. 24.
Ball, Playing. H. T. Winterbauer. 2,061,604; Nov. 24.
Bar: *See*—
Claw bar.
Baseball and manufacturing same. E. A. Robinson. 2,062,147; Nov. 24.
Battery and gravity indicating means, Storage. E. F. H. Grothe. 2,062,573; Nov. 24.
Battery plates, Apparatus for setting storage. E. W. Smith and C. A. Hall. 2,062,193; Nov. 24.
Battleship and protector. F. Ruggieri. 2,062,252; Nov. 24.
Beam compass. E. Benshimol. 2,062,157; Nov. 24.
Bearing: *See*—
Antifriction bearing. Roller bearing.
Bearing. S. G. Eastman. 2,061,758; Nov. 24.
Bearing. H. A. S. Howarth. 2,061,966; Nov. 24.
Bearings, Lubricating railway-car. J. A. Moller. 2,062,250; Nov. 24.
Beer and ale, Treating. L. Wallerstein. 2,062,075; Nov. 24.
Beet harvesting machine. J. Fechtner. 2,061,834; Nov. 24.
Belt, Conveying and driving. H. S. Johns. 2,061,838; Nov. 24.
Beverages, Manufacture of alcoholic. K. R. Brown. 2,061,560; Nov. 24.
Beverages, Process and container for packaging. S. C. Robison. 2,062,234; Nov. 24.
Binding device, Loose leaf. F. S. Schade. 2,061,675; Nov. 24.
Bit: *See*—
Roller bit. Well bit.
Bladder for footballs and the like. A. F. Heck. 2,062,247; Nov. 24.
Bladders for footballs and the like, Making. A. F. Heck. 2,062,248; Nov. 24.
Blades of printing presses, Apparatus for washing the doctor. G. A. Friess. 2,061,730; Nov. 24.
Blind, Venetian. W. P. Cameron. 2,061,548; Nov. 24.
Blind, Venetian. S. Hammer. 2,061,939; Nov. 24.
Board: *See*—
Clip board.
Board for motor vehicles, Titlable running. N. H. Hassel. 2,062,026; Nov. 24.
Bobbin cleaner. J. E. Kimbirl. 2,062,225; Nov. 24.
Boiler. G. J. Leuvelink. 2,062,033; Nov. 24.
Bolt, Spring toggle. H. W. Pleister. 2,061,634; Nov. 24.
Book binding construction. F. S. Schade. 2,061,677; Nov. 24.
Bottle labeling machine. H. R. Berard. 2,061,823; Nov. 24.
Bottles, nonrefillable, Rendering. W. J. Ward, C. E. Bauerle, and F. H. Dalrymple. 2,061,603; Nov. 24.
Box: *See*—
Cake box. Paper box.
Folding book-shaped box. Stuffing box.
Lunch box.
Boxcar, Auto. H. L. Williams. 2,062,243; Nov. 24.
Bracket: *See*—
Extension lamp bracket.
Brake: *See*—
Air brake. Passenger brake.
Electropneumatic brake. Remote controlled brake.
Hydraulic brake. Safety brake.
Magnetic brake.
Brake drums, Treating. J. H. Hunt and A. P. Schweizer. 2,061,769; Nov. 24.
Brake lining. W. Nanfeldt. 2,061,919; Nov. 24.
Brake lining and making the same, Molded. W. Nanfeldt. 2,061,918; Nov. 24.
Brake system for automobiles. W. Dieter. 2,062,167; Nov. 24.
Braking apparatus, Railway. H. L. Bone. 2,061,753; Nov. 24.
Brassière. H. Rasch. 2,061,739; Nov. 24.
Brick and making the same, Silica. R. P. Heuer. 2,062,005; Nov. 24.
Brooder. P. S. Martin. 2,061,712; Nov. 24.
Brush. F. J. Bickel and H. J. C. Oster. 2,062,047; Nov. 24.
Buffing wheel. H. E. Hargy, Sr. 2,061,940; Nov. 24.
Building assembly and aligning means for use therein. G. E. Shipway. 2,061,882; Nov. 24.
Building construction. R. M. Calkins and J. W. Swank. 2,062,160; Nov. 24.
Building construction. G. R. Meyercord. 2,061,803; Nov. 24.
Bumper, Safety. G. Kawasaki. 2,061,801; Nov. 24.

Burial apparatus. L. V. Troup. 2,061,784; Nov. 24.
Burner: *See*—
Fuel burner.
Burner for hydrocarbon gases. W. G. Cartter. 2,061,561-2; Nov. 24.
Cabinet, Mothproof metal clothes. H. Ringel. 2,061,672; Nov. 24.
Cake box. P. A. Brown. 2,061,957; Nov. 24.
Calculating machine. R. L. Muller. 2,061,667; Nov. 24.
Calendar calculating device. N. F. Mears. 2,062,036; Nov. 24.
Can double seaming machine, Noncircular. H. L. Guenther. 2,062,024; Nov. 24.
Can filling machine. C. H. Ayars. 2,061,644; Nov. 24.
Canopy frame for beach or lawn chairs. H. S. Tornquist. 2,062,240; Nov. 24.
Carbon black, Dispersible. A. A. Brizzolara, E. L. Duhring, and A. M. Erskine. 2,062,159; Nov. 24.
Carbon flow adjusting attachment for rotary web printing presses. N. S. Welk. 2,062,154; Nov. 24.
Carburetor. W. H. Weber. 2,062,260; Nov. 24.
Card dealing and shunting machine. G. W. Nelson. 2,061,668; Nov. 24.
Carton. B. J. Davidson. 2,062,164; Nov. 24.
Cartridge, Pressure. G. L. Tinkham. 2,061,641; Nov. 24.
Case. I. Schwartz. 2,062,237; Nov. 24.
Cellulose derivative compositions. E. F. Izard. 2,061,732; Nov. 24.
Cellulose, Production of. H. Dreyfus. 2,061,616; Nov. 24.
Cement and making same, Hydraulic. H. M. Olson. 2,061,774; Nov. 24.
Cement, Hydraulic. E. W. Reed-Lewis. 2,061,972; Nov. 24.
Ceramic catalyst and making same. R. S. Radcliffe. 2,061,848; Nov. 24.
Chain and lock combination. S. Engel. 2,062,020; Nov. 24.
Cinematography and apparatus for use therein. T. de Roode. 2,061,652; Nov. 24.
Circuit apparatus, Railway track. H. G. Witmer and L. K. Hedding. 2,061,747; Nov. 24.
Circuit breaker. P. Piffath. 2,061,920; Nov. 24.
Circuit for broadcast apparatus, Receiving. R. Rechnitzer. 2,061,740; Nov. 24.
Circuit interrupter. F. Koppelmann, W. Kaufmann, and F. Kesselring. 2,061,945; Nov. 24.
Circuits, Multirange converter. M. G. Clay. 2,061,611; Nov. 24.
Circular loom. F. C. Hale and R. Yendon. 2,061,625; Nov. 24.
Clamp: *See*—
Adjustable clamp.
Clamp. G. B. Bosco. 2,061,751; Nov. 24.
Clasp, Garment supporting. E. C. Kastner and H. W. Fulstrom. 2,062,267; Nov. 24.
Claw bar. E. R. Casey. 2,061,754; Nov. 24.
Cleaner: *See*—
Coal cleaner. Putty cleaner.
Cleaning implement for pianos or the like. M. M. Miley. 2,062,065; Nov. 24.
Clip board. F. A. Niemann. 2,061,878; Nov. 24.
Clock attachment for flat knitting machines. W. Heimitz. 2,062,224; Nov. 24.
Closure. J. M. Wheaton. 2,061,685; Nov. 24.
Closure for containers. D. W. Des Roches. 2,061,796; Nov. 24.
Closure operator. F. A. Purdy. 2,062,015; Nov. 24.
Closures, Method and apparatus for forming container. G. Meyer-Jagenberg. 2,061,967; Nov. 24.
Clothes hanger. A. I. Israelson. 2,061,704; Nov. 24.
Clutch: *See*—
Friction clutch. Magnetic clutch.
Clutch control means. T. B. Tyler. 2,061,990; Nov. 24.
Clutch control mechanism. A. Gmeinder. 2,061,701; Nov. 24.
Clutch control mechanism. H. W. Price and E. R. Price. 2,061,590; Nov. 24.
Coal cleaner, Pneumatic. A. G. Oppy. 2,061,142; Nov. 24.
Coating for pencil cores, Protective. G. Wagner. 2,062,074; Nov. 24.
Coffee, Making stabilized. L. M. Rogers. 2,062,109; Nov. 24.
Coil, Induction. P. Piffath. 2,062,014; Nov. 24.
Collar, Pneumatic horse. H. C. Kirby. 2,062,063; Nov. 24.
Colloids from lithographic printing surfaces, Removing. R. F. Reed, P. W. Dorst, and A. George. 2,062,273; Nov. 24.
Color striping process. J. G. Evans and A. Henry. 2,061,621; Nov. 24.
Comb. T. W. Dorrel. 2,061,697; Nov. 24.
Comestible package, Frozen. C. W. Vogt. 2,062,278; Nov. 24.
Comestible, Packaged. C. W. Vogt. 2,062,279; Nov. 24.
Communication by television, System and method of operation for. W. A. Tolson. 2,062,198; Nov. 24.
Commutator. V. G. Apple. 2,061,821; Nov. 24.
Composition for and method of metal electroplating. F. R. Rapids. 2,061,592; Nov. 24.
Composition for cleaning and brightening metals. H. B. Rathbun. 2,062,038; Nov. 24.
Compress, Hydraulic. L. S. Hubbert. 2,061,658; Nov. 24.
Compressor. L. H. Browne. 2,062,206; Nov. 24.
Concrete vibrator mechanism. E. B. Jorgensen. 2,061,943; Nov. 24.
Condensation products, Producing particularly stable. K. Sandig. 2,061,635; Nov. 24.
Condenser: *See*—
Cotton condenser.
Confection, Frozen. A. C. Routh. 2,062,277; Nov. 24.
Connecter for electric circuits. C. H. Culver and C. G. Lee. 2,061,961; Nov. 24.
Connection and valve assembly, Fluid. L. J. Stout. 2,061,814; Nov. 24.
Connection, Driving. L. M. Brooks. 2,061,827; Nov. 24.
Container: *See*—
Dispensing container. Liquid container.
Container. W. W. Cowgill and J. N. Pease. 2,061,613; Nov. 24.
Container. H. A. Fink. 2,062,216; Nov. 24.
Container and apparatus therefor, Forming a. A. B. Wilson. 2,062,112; Nov. 24.
Control, Automatic exposure. J. Karg. 2,061,909; Nov. 24.
Control device. E. J. Dillman. 2,062,262; Nov. 24.
Control device for can machinery. W. J. Philip. 2,061,589; Nov. 24.
Control for electric circuits. E. D. Lilja. 2,062,135; Nov. 24.
Control mechanism. W. A. Eaton. 2,062,089; Nov. 24.
Control mechanism. W. H. Kniskern. 2,062,095; Nov. 24.
Controlling apparatus for highway crossing signals. J. J. Vanhorn. 2,061,785; Nov. 24.
Conveyer. A. W. Stroud. 2,061,782; Nov. 24.
Conveying equipment. W. E. Lambert. 2,062,227; Nov. 24.
Cordage lubrication. W. D. Hodson. 2,062,060; Nov. 24.
Cordage lubrication. W. D. Hodson. 2,062,062; Nov. 24.
Corrosion-resistant tube. D. K. Crampton and N. W. Mitchell. 2,061,897; Nov. 24.
Corrosion resistant tube. E. W. Roath. 2,061,921; Nov. 24.
Cotton condenser. C. L. Rice. 2,061,952; Nov. 24.
Cotton fabric and product, Treating. C. B. White. 2,061,686; Nov. 24.
Cotton stalk knocker. C. W. Davenport. 2,061,791; Nov. 24.
Couch, Studio. A. Wesley. 2,061,725; Nov. 24.
Coupling: *See*—
Mechanical coupling.
Cover: *See*—
Tire cover.
Cover for molten glass containers. C. C. Kinker. 2,061,661; Nov. 24.
Covering and manufacturing the same, Decorative. J. J. Jackson. 2,061,705; Nov. 24.
Crystalline products by condenser urea and formaldehyde, Production of. N. Fuchs. 2,062,171; Nov. 24.
Cultivator. B. O. Cuddigan. 2,061,694; Nov. 24.
Culvert, Corrugated metal. J. A. Morphy. 2,062,188; Nov. 24.
Cup liner, Teat. W. A. Scott. 2,061,809; Nov. 24.
Curler, Permanent wave. H. H. Eckstein. 2,061,998; Nov. 24.
Cushion, Heel. S. F. Bashara. 2,062,114; Nov. 24.
Cushion, Sanitary crepe rubber. E. K. Lincoln. 2,061,664; Nov. 24.
Cylinder construction for washing machines or the like. F. A. Gerlach. 2,062,021; Nov. 24.
Cylinder construction, Rotary. G. W. Johnson. 2,062,030; Nov. 24.
Cylinders, Apparatus for trimming. W. A. Lippincott. 2,061,581; Nov. 24.
Decelerator. C. C. Guthrie. 2,061,656; Nov. 24.
Deep well pump. A. C. Zimmerman and E. F. Steger. 2,061,789; Nov. 24.
Deflector, Diffusion impeller. L. D. Drake and W. M. Gardella. 2,061,564; Nov. 24.
Derivatives of aliphatic hydrocarbons useful as wetting and cleansing agents, Sulphonated. F. B. Downing and R. G. Clarkson. 2,061,620; Nov. 24.
Detonator leg wire assembly and winding the same. D. D. Huyett. 2,061,578; Nov. 24.
Developing machine. A. L. V. C. Debrie. 2,061,552; Nov. 24.
Diacetyl, Producing. E. Eberhardt. 2,062,263; Nov. 24.
Diaphragm, Flexible. E. E. Hewitt. 2,061,905; Nov. 24.
Diaphragm gauge. P. Galser. 2,061,761; Nov. 24.
Directional receiving system. W. H. Offenhauser, Jr. 2,061,737; Nov. 24.
Disazodyestuffs. H. Clingestein, W. Petzold, and L. Hauck. 2,061,551; Nov. 24.
Dishwashing machine. J. A. Panos and S. D. Christie. 2,061,775; Nov. 24.
Disks of a centrifugal liquid separator, Apparatus for cleaning liner. H. McCornack. 2,062,100; Nov. 24.
Dispenser: *See*—
Liquid dispenser.
Dispensing container. T. Bailey. 2,062,082; Nov. 24.
Display stand. B. J. Davidson. 2,062,165; Nov. 24.
Distillation. L. D. Jones. 2,062,266; Nov. 24.
Ditching and grading machine. C. W. Cundiff. 2,062,210; Nov. 24.

Draft controller. W. L. Morris. 2,061,587; Nov. 24.
Drill: *See*—
Rock drill.
Drive, Power transmission chain. W. H. Bendall. 2,062,115; Nov. 24.
Driving mechanism for glassware forming machines. A. G. Lauck. 2,061,663; Nov. 24.
Driving wheel. C. H. Mekeel, Jr. 2,061,948; Nov. 24.
Dry cell. O. K. Reinhardt, and J. W. Baer. 2,062,107; Nov. 24.
Dyestuffs and their production, Conversion products of azo. J. Bosshart and F. Dobler. 2,061,545; Nov. 24.
Earthworking tool. T. B. Winsor and G. B. Winsor. 2,061,691; Nov. 24.
Electric discharge apparatus. D. D. Knowles. 2,062,270; Nov. 24.
Electric discharge lamp. L. Burns. 2,061,892; Nov. 24.
Electric furnace, Rotating. P. Rosenfeldt. 2,061,741; Nov. 24.
Electrical adding machine. F. B. Wadel. 2,061,745; Nov. 24.
Electrical controller. C. W. Wyman. 2,061,887; Nov. 24.
Electrical discharge device. D. D. Knowles. 2,062,268; Nov. 24.
Electrical utility device. P. J. Fitzgerald. 2,061,868; Nov. 24.
Electrically operated fishing tool. W. T. Wells. 2,061,864; Nov. 24.
Electrodes, Forming. W. W. Eitel and J. McCullough. 2,061,759; Nov. 24.
Electrolytic deposition of metals. J. Billiter. 2,061,554; Nov. 24.
Electrolytic device. F. R. Rapids. 2,061,591; Nov. 24.
Electron discharge device. A. L. Samuel. 2,061,594; Nov. 24.
Electron emission device. H. S. Cooper. 2,061,755; Nov. 24.
Electropneumatic brake. B. S. Aikman. 2,061,888; Nov. 24.
Electropneumatic brake. G. W. Baughman. 2,061,890; Nov. 24.
Engine: *See*—
Internal combustion engine.
Engine. W. G. Gernandt. 2,061,571; Nov. 24.
Engraving process and etching resist. W. Howey. 2,062,028; Nov. 24.
Envelope sealing machine. W. H. Bryson. 2,061,546; Nov. 24.
Ethylene, Producing. H. M. Smith and P. Grandone. 2,061,598; Nov. 24.
Explosive. G. M. Norman and C. D. Bitting. 2,062,011; Nov. 24.
Exposure gauge. L. A. Marks. 2,061,974; Nov. 24.
Extensible top table. D. F. Ferney. 2,061,622; Nov. 24.
Extension lamp bracket. V. Vavro. 2,061,723; Nov. 24.
Fastener: *See*—
Bag frame fastener. Slide fastener.
Separable fastener. Tag fastener.
Fastener for trim strips. H. C. Kellogg. 2,061,970; Nov. 24.
Feldspar, Purifying. N. G. and S. C. Smith. 2,062,072; Nov. 24.
Fermentation and dehydrating apparatus, Sanitary. J. B. Goldsborough. 2,062,264; Nov. 24.
Fertilizer and product thereof, Producing superphosphate. L. H. Facer. 2,061,567; Nov. 24.
Fibers, Dyeing and printing vegetable and artificial. W. Tischbein. 2,061,860; Nov. 24.
Filaments and similar articles, Coating. J. Flaws, Jr. 2,062,124; Nov. 24.
Film and picture and producing them, Composite. C. Scott. 2,061,678; Nov. 24.
Film feed apparatus, Intermittent. A. Paillard. 2,061,879; Nov. 24.
Film rewinder. I. Serrurier. 2,062,016; Nov. 24.
Filter: *See*—
Air filter.
Filtering element and producing the same. E. Roberts. 2,061,850; Nov. 24.
Fishing tackle accessory. R. A. Arens. 2,062,245; Nov. 24.
Flag lock. O. G. Saunders and G. A. Christ. 2,061,636; Nov. 24.
Flashing, Metal. H. Callaway. 2,062,050; Nov. 24.
Flaw detector mechanism. W. M. Perry. 2,061,979; Nov. 24.
Flour and dough, Recovering waste. P. A. Dubus. 2,062,215; Nov. 24.
Flow bean valve. F. J. Schweitzer. 2,061,852; Nov. 24.
Flow of automobile fuel pumps, Apparatus for measuring the. B. J. Haskins. 2,062,173; Nov. 24.
Flower-making device, Artificial. R. N. Burton. 2,062,276; Nov. 24.
Fluid feeding device. C. J. Eacock and C. H. Clauser. 2,061,566; Nov. 24.
Fluid velocity, Device for measuring. W. V. Hukill. 2,061,941; Nov. 24.
Flushing device for drains. M. B. Acosta. 2,061,553; Nov. 24.
Foils, Producing embossing. K. Kurz. 2,062,226; Nov. 24.
Folding book-shaped box. C. C. Wilson. 2,061,992; Nov. 24.
Folding machine. W. J. Beattie. 2,062,202; Nov. 24.
Food package and making the same. O. V. Clearwater. 2,062,249; Nov. 24.
Frame for automobiles and the like, Seat. J. D. Sherman, C. S. Reed, and O. C. Currie. 2,061,923; Nov. 24.
Friction clutch. H. Nutt and H. V. Reed. 2,062,101-2; Nov. 24.
Fuel burner. W. F. Steinmetz. 2,061,988; Nov. 24.
Fuel treating process and products obtained thereby, Motor. T. W. Bartram. 2,062,201; Nov. 24.
Furnace: *See*—
Electric furnace. Heat treating furnace.
Furnace. G. R. Lewers. 2,061,708; Nov. 24.
Furnace wall and block unit for making the same. F. H Bankert. 2,061,822; Nov. 24.
Furniture, Metal. D. O. Peschel. 2,061,588; Nov. 24.
Furniture, Portable. F. Ames. 2,061,920; Nov. 24.
Gable construction. W. T. Wells. 2,061,862; Nov. 24.
Game apparatus. L. J. Blackmore. 2,062,204; Nov. 24.
Game apparatus. J. Delwiche. 2,062,166; Nov. 24.
Game device. G. E. Perry. 2,062,144; Nov. 24.
Garment. F. Chatfield. 2,062,161; Nov. 24.
Garment. J. Hirsch. 2,062,131; Nov. 24.
Gas, Method and apparatus for compressing. D. G. Griswold. 2,061,938; Nov. 24.
Gas tank safety valve. C. Glelen, Sr. 2,062,218; Nov. 24.
Gate latch. D. Tendler. 2,062,073; Nov. 24.
Gauge: *See*—
Diaphragm gauge. Exposure gauge.
Gauge for integral line-casting type machines, Variable liner. C. A. Spickler. 2,061,925; Nov. 24.
Gear, pulley, and the like, Nonmetallic. J. M. Taylor. 2,061,815; Nov. 24.
Glare shield. R. C. Jacobs. 2,062,092; Nov. 24.
Glass, Method and device for producing single-layered wire. A. Lamesch. 2,062,228; Nov. 24.
Glycerin, Nitration of. F. A. F. Crawford and W. A. P. Challenor. 2,061,728; Nov. 24.
Golf apparatus. J. Loeb. 2,061,973; Nov. 24.
Governor for internal combustion engines, Centrifugal. P. Belyavin. 2,062,084; Nov. 24.
Governor for reciprocating engines. A. Garelli. 2,062,000; Nov. 24.
Grinder, Crankshaft. G. H. Goulden. 2,061,764; Nov. 24.
Grinding and polishing apparatus. C. L. Hawes. 2,061,626; Nov. 24.
Grip for drilling machines, Friction. A. Hossfeld. 2,061,768; Nov. 24.
Guard, Wire. M. Rachlin. 2,061,808; Nov. 24.
Guide for making lace and the like. A. B. Collingbourne. 2,061,612; Nov. 24.
Gun, Grease. N. V. Smith. 2,061,813; Nov. 24.
Gyroscope, Constrained directional. B. G. Carlson. 2,061,894; Nov. 24.
Hair curler. P. Van Cleef. 2,061,817; Nov. 24.
Hammock. F. M. Powers. 2,062,069; Nov. 24.
Hanger: *See*—
Clothes hanger.
Hasp and hinge fitting, Extensible. C. W. Cheney. 2,061,727; Nov. 24.
Head rest. O. L. Herod. 2,062,056; Nov. 24.
Heat control system. H. D. Yoder. 2,061,605; Nov. 24.
Heat exchanger. E. Behringer. 2,061,645; Nov. 24.
Heat exchanger. J. Price. 2,061,980; Nov. 24.
Heat interchanger. R. H. Swart. 2,061,742; Nov. 24.
Heat treating furnace. W. E. Kingston. 2,061,910; Nov. 24.
Heater: *See*—
Liquid conductor heater.
Heater. J. Hutton. 2,061,873; Nov. 24.
Holder: *See*—
License plate holder. Razor blade holder.
Periodical holder. Sash holder.
Holder for disposable receptacles. A. Gosselin. 2,062,023; Nov. 24.
Hopper. J. T. Chambers and W. Lehman. 2,061,563; Nov. 24.
Horological device. J. Machek. 2,061,665; Nov. 24.
Hydraulic brake. C. L. Gilstrap, H. T. Smith, and F. L. Ralston. 2,061,763; Nov. 24.
Hydraulic mechanism. P. Patterson. 2,061,670; Nov. 24.
Hydraulic press. T. F. Stacy. 2,062,043; Nov. 24.
Hydraulic system. T. F. Stacy. 2,062,196; Nov. 24.
Hydrocarbon derivative, Sulphonated. F. B. Downing and R. G. Clarkson. 2,061,618; Nov. 24.
Hydrocarbon derivatives, useful as wetting and cleansing agents, Sulphonated aliphatic. F. B. Downing and R. G. Clarkson. 2,061,619; Nov. 24.
Hydrocarbons, Process and apparatus for cracking. W. A. S. Harmon. 2,061,836; Nov. 24.
Hydrocarbons, Reactivating. S. Dayson and J. R. Parten. 2,061,792; Nov. 24.
Hydrometer. H. L. Tiger. 2,061,722; Nov. 24.
Ice-creeper. M. H. Gould. 2,061,870; Nov. 24.
Ice making apparatus. V. N. Hybinette. 2,062,180; Nov. 24.
Implement for weeding tare, Hand operated. J. Appenzeller. 2,061,542; Nov. 24.

Impregnating, Process of. G. S. Hiers. 2,062,178; Nov. 24.
Impulse repeater. W. Kroll and G. Zapf. 2,061,802; Nov. 24.
Inkwell. J. D. Goble. 2,062,022; Nov. 24.
Insect gatherer and destroyer. W. G. Wanfried. 2,061,724; Nov. 24.
Insole, Medicated. J. P. Leindorf. 2,061,911; Nov. 24.
Internal combustion engine. A. T. Bremser. 2,061,826; Nov. 24.
Internal combustion engine. D. F. Cook. 2,062,209; Nov. 24.
Internal combustion engine. C. Opolo. 2,062,013; Nov. 24.
Internal combustion engine. M. C. Spencer. 2,061,600; Nov. 24.
Internal combustion engine, Rotary. H. S. Ginn. 2,062,219; Nov. 24.
Jack: *See*—
Lifting jack.
Joint for wind musical instruments. J. H. Albrecht. 2,061,928; Nov. 24.
Knitting. W. Heinitz. 2,062,221; Nov. 24.
Knitting apparatus and method. R. H. Coleman. 2,062,208; Nov. 24.
Laminated article and making the same. J. F. Pollard. 2,061,951; Nov. 24.
Lamp: *See*—
Electric discharge lamp.
Lamp shade support. J. F. Croasdale. 2,061,757; Nov. 24.
Lamp support and clamp. V. Di Figlia. 2,062,214; Nov. 24.
Lantern, Electric hand. J. W. Baer and O. K. Reinhardt. 2,062,113; Nov. 24.
Lantern, Tubular. R. A. Currie. 2,062,051; Nov. 24.
Latch: *See*—
Gate latch.
Lathe. J. F. Schaffner. 2,061,777; Nov. 24.
Leaf inserting device. R. L. Connor and D. A. Nevin. 2,061,996; Nov. 24.
Leather, Cutting. E. Berkowitz. 2,061,647; Nov. 24.
Lens system for lenticular films, Optical. K. Räntsch. 2,062,146; Nov. 24.
License plate holder. H. J. Zerbst. 2,062,156; Nov. 24.
License plate holder, Automobile. W. H. Hobby. 2,062,057; Nov. 24.
Lifting jack. S. Jordan. 2,062,132; Nov. 24.
Lighter, Push button. Z. A. Trow. 2,061,926; Nov. 24.
Liquid and gas contacting apparatus. J. A. Campbell. 2,061,830; Nov. 24.
Liquid conductor heater. M. W. Hanks and G. H. Nelson. 2,061,837; Nov. 24.
Liquid container. H. H. Pinney and W. H. Klocke. 2,062,190; Nov. 24.
Liquid dispenser. R. Luthi. 2,061,582; Nov. 24.
Liquid dispenser. W. J. Peter. 2,061,738; Nov. 24.
Liquid measuring apparatus. I. Müller. 2,061,917; Nov. 24.
Liquid supply system. C. F. Beckwith and C. C. Main. 2,061,608; Nov. 24.
Liquids, Cooking hydrocarbon. H. V. Atwell. 2,062,254; Nov. 24.
Liquids, Mixing. G. G. Budwig. 2,061,932; Nov. 24.
Liquors, Aging. J. C. and C. F. Coffman. 2,061,960; Nov. 24.
Lock: *See*—
Flag lock. Time lock.
Pin tumbler cylinder lock. Window lock.
Lock. S. Segal. 2,061,638; Nov. 24.
Lock for motor vehicles, Electrically operated. J. Pentka. 2,061,978; Nov. 24.
Loom: *See*—
Circular loom. Shuttle change loom.
Loom temple. I. W. Noyes. 2,061,846; Nov. 24.
Loop antenna. E. J. Hafele. 2,062,120; Nov. 24.
Lubricant, Incorporating. W. D. Hodson. 2,062,061; Nov. 24.
Lubricants and the like, Dispensing system for. A. Dieny. 2,062,213; Nov. 24.
Lubricating device. A. G. Redmond. 2,062,070; Nov. 24.
Lubricating device. H. R. Tear. 2,061,743; Nov. 24.
Lubricating system. F. C. Blanchard. 2,061,790; Nov. 24.
Luminous device. K. R. Beymer. 2,061,824; Nov. 24.
Lunch box. M. S. Graeser. 2,061,965; Nov. 24.
M-alkyl-ethers of protocatechuic aldehyde, Producing. F. Boedecker and H. Volk. 2,062,205; Nov. 24.
Machine for cording ornamentation. S. Ross. 2,061,922; Nov. 24.
Machine for decorating flat surfaces. W. R. Simonton. 2,061,679; Nov. 24.
Machine for making valve steam bases. W. F. Goff and E. F. Tobold. 2,061,654; Nov. 24.
Machine for manufacturing window envelopes. C. J. Wensler. 2,061,885; Nov. 24.
Machine for pulling shoes off the last. J. A. Bata. 2,062,083; Nov. 24.
Machine for testing collapsible tubes. G. W. Temple. 2,061,744; Nov. 24.
Machine unit, Motor operated. H. R. Van Deventer. 2,062,045; Nov. 24.
Machine with supplemental recorder, Accounting. J. W. Bryce and G. F. Daly. 2,062,118; Nov. 24.
Magnetic brake. T. H. Schoepf and D. M. Ritchie. 2,062,192; Nov. 24.
Magnetic clutch. A. P. Warner. 2,061,787; Nov. 24.
Manicuring implement. W. Naundorf. 2,061,877; Nov. 24.
Masses, Artificial. E. Kuehn and H. Hopff. 2,061,946; Nov. 24.
Mat, Artificial grass. J. Birek. 2,061,750; Nov. 24.
Mat, Floor. C. A. Olson. 2,062,272; Nov. 24.
Match-striking composition. R. S. Pullen. 2,062,191; Nov. 24.
Material dislodging device. M. P. Holmes. 2,061,574; Nov. 24.
Material, Impregnated fibrous. P. K. Frolich and P. J. Wiezevich. 2,061,570; Nov. 24.
Materials, Sorting. F. A. Slater. 2,061,812; Nov. 24.
Materials, Treatment of fibers or like. H. Dreyfus. 2,061,565; Nov. 24.
Measuring and filling machine. F. Klaus. 2,062,181; Nov. 24.
Meat tenderer. J. C. Hintz. 2,061,790; Nov. 24.
Mechanical coupling. F. H. Rickerson. 2,062,108; Nov. 24.
Merchandising display rack. G. W. Fay. 2,061,937; Nov. 24.
Metals, Apparatus for making powdered. J. H. L. De Bats. 2,061,696; Nov. 24.
Microphone plug. E. M. Foster. 2,062,125; Nov. 24.
Mixer: *See*—
Paint mixer.
Modulation. N. E. Lindenblad. 2,061,947; Nov. 24.
Moisture-containing substances, Method and apparatus for treating. J. Harrington. 2,062,025; Nov. 24.
Mold: *See*—
Permanent mold.
Molding for a windshield, Division. A. J. Fisher. 2,061,760; Nov. 24.
Monocalcium phosphate. W. H. Knox, Jr., and R. T. Cochran. 2,062,064; Nov. 24.
Mop. C. Fatland. 2,061,568; Nov. 24.
Motor. M. P. De Motte. 2,061,898; Nov. 24.
Motor-compressor unit for refrigerating apparatus. E. L. Horlacher. 2,062,052; Nov. 24.
Motor-compressor unit for refrigerating apparatus. A. A. McCormack. 2,052,035; Nov. 24.
Motorcycle control, Abreast. F. F. Jungkuns. 2,061,944; Nov. 24.
Mounting for ambiyoscopes. G. A. Hunt. 2,062,029; Nov. 24.
Mounting for leaf. W. S. Jones. 2,061,942; Nov. 24.
Mounting for pulley structures, Pivotal. W. D. Hamerstadt. 2,062,128; Nov. 24.
Mounting means for electric snap switches. A. W. Krieger. 2,062,006; Nov. 24.
Mounting, Optical. E. Pappert and H. M. Smith. 2,061,847; Nov. 24.
Mounting plug. J. Sinko. 2,061,811; Nov. 24.
Mouthpiece. B. A. Cavazza. 2,061,550; Nov. 24.
Mouth prop. C. Engelfried. 2,061,936; Nov. 24.
Muffler. J. Newman. 2,062,141; Nov. 24.
Muffler, Carburetor. G. M. Hartsock. 2,061,903; Nov. 24.
Multiple aerial switch. C. E. Gerhard. 2,062,172; Nov. 24.
Navigational guide system. J. H. Hammond, Jr. 2,062,003; Nov. 24.
Necktie. W. A. Keys. 2,061,630; Nov. 24.
Nitronaphthylamines, Manufacture of. H. H. Hodgson. 2,061,627; Nov. 24.
Nosepiece for microscopes. G. S. MacDonald. 2,062,034; Nov. 24.
Nut runner. L. F. Meunier. 2,061,843; Nov. 24.
Oil, Apparatus and process for purifying. A. E. Wilkoff. 2,061,687; Nov. 24.
Oil-chamber for electric clocks. R. C. Perry. 2,062,103; Nov. 24.
Oil, Cracking. J. G. Alther. 2,061,820; Nov. 24.
Oil purifier. J. R. Miller. 2,061,666; Nov. 24.
Oil treatment, Hydrocarbon. W. M. Mallsoff and F. G. Hess. 2,061,583; Nov. 24.
Oil, Treatment of hydrocarbon. J. C. Morrell. 2,061,845; Nov. 24.
Oil well casing pump. D. R. Howe. 2,062,058; Nov. 24.
Oils to non-drying oils, Converting drying. B. S. Buckmaster. 2,061,829; Nov. 24.
Oils, Treatment of hydrocarbon. G. Egloff and A. Fisher. 2,061,833; Nov. 24.
Oiler, Wheel flange. P. H. Hamilton. 2,061,731; Nov. 24.
Ores, Apparatus for treating. A. Ewart. 2,061,698; Nov. 24.
Oscillator circuit, Local. T. J. Weyers. 2,061,818; Nov. 24.
Oscillograph, Electron discharge. B. J. Haskins and R. W. Reitherman. 2,062,174; Nov. 24.
Overspeed switch. H. M. Edmunds. 2,062,121; Nov. 24.
Package, Combined tape and thread. W. R. L. McBee. 2,061,876; Nov. 24.
Package, Detonator. F. W. Olin, E. H. Meyers, and F. R. Searey. 2,062,189; Nov. 24.
Packaging machine. F. West. 2,061,886; Nov. 24.
Packing. R. Mittelman. 2,062,186; Nov. 24.
Packing for doors. N. Brackett. 2,062,261; Nov. 24.
Paint mixer. J. W. Bumpus. 2,061,547; Nov. 24.

Panel system, Vertical structural interlocking. O. S. Swift. 2,061,859; Nov. 24.
Paper and the like, Safety. S. Lenher. 2,061,632; Nov. 24.
Paper box. C. L. Claff. 2,060,085–6; Nov. 24.
Paper machinery. A. H. Standley. 2,062,238; Nov. 24.
Paper, Production of coated creped. E. H. Angier. 2,061,748; Nov. 24.
Parachute for airplanes. B. Slipikas. 2,061,640; Nov. 24.
Parcel bag. R. M. Lackey. 2,061,580; Nov. 24.
Parking device, Electrical. H. S. Johns. 2,061,875; Nov. 24.
Passenger brake, High speed. T. Tarisien. 2,061,883; Nov. 24.
Pattern gate construction. R. J. Hebert. 2,061,798; Nov. 24.
Pen, Fountain. L. Chayka. 2,062,162; Nov. 24.
Perforated liner washer. R. C. Baker. 2,061,993; Nov. 24.
Perforating device and closure, Combined. A. A. Kubitz. 2,062,182; Nov. 24.
Periodical holder. W. H. Voosen and H. J. Voosen. 2,062,242; Nov. 24.
Permanent mold. M. Guyot. 2,061,765; Nov. 24.
Permanent waving, Direct cold. J. Y. Malone, J. H. Carroll, and C. R. McKee. 2,061,709; Nov. 24.
Phosphorus recovery, Apparatus for. S. D. Gooch 2,062,091; Nov. 24.
Photomat, Making. D. M. Barnes and H. D. Dwight. 2,061,930; Nov. 24.
Photosensitive device, Making a. S. F. Essig. 2,062,122; Nov. 24.
Pigment manufacture. A. M. Brooks and H. R. Rafton. 2,062,255; Nov. 24.
Pigments and making the same, Rutile. P. Kubelka and J. Srbek. 2,062,133; Nov. 24.
Pigments, Colored titanium dioxide. R. N. McKinney and C. E. Smith. 2,062,137; Nov. 24.
Pigments, Rutile. P. Kubelka and J. Srbek. 2,062,134; Nov. 24.
Pin for brake shoes, Locking. G. Garand. 2,061,964; Nov. 24.
Pin tumbler cylinder lock. R. L. Neer. 2,062,010; Nov. 24.
Pinker guard and fabric guide. M. Kleiman and M. Braunstein. 2,061,707; Nov. 24.
Pipe: *See*—
Tobacco pipe.
Pipe fitting. G. B. Pickop. 2,062,145; Nov. 24.
Pipe, Treating coated. E. P. Bly. 2,061,825; Nov. 24.
Piston skirt expander. A. W. Wenzel. 2,062,078; Nov. 24.
Plant protector and soil retainer. A. L. Law. 2,061,631; Nov. 24.
Plastic materials derived from urea and formaldehyde, Preparing. R. Arnenault. 2,061,543; Nov. 24.
Plate, Self-serve hot. O. H. Schulz. 2,061,637; Nov. 24.
Plug: *See*—
Microphone plug. Wooden plug.
Mounting plug.
Plug for storage batteries, Vent. S. T. Campbell. 2,061,649; Nov. 24.
Plumbing fixture. P. W. Leffland. 2,061,971; Nov. 24.
Polishing machine. M. B. Andrie. 2,061,607; Nov. 24.
Polishing machine, Automatic. O. K. Reinhardt. 2,062,106; Nov. 24.
Polyhalides, Treatment of unsaturated. H. P. A. Groll and G. Hearne. 2,062,002; Nov. 24.
Pompon machine. H. L. Lawson and J. Stampfli. 2,062,183; Nov. 24.
Positives for autotype, Manufacture of direct. G. Wilmanns, K. Wolfen, and G. von Kujawa. 2,061,688; Nov. 24.
Pouch, Tobacco. G. C. Grenier. 2,062,001; Nov. 24.
Poultry feeding and watering device. C. L. Thomsen. 2,062,239; Nov. 24.
Power supply system. F. X. Rees. 2,062,274; Nov. 24.
Power system. D. C. Prince. 2,062,104–5; Nov. 24.
Power take-off mechanism. R. E. Smith. 2,062,194–5; Nov. 24.
Power transmission mechanism. F. W. Cotterman. 2,061,832; Nov. 24.
Power transmitting device. W. T. Dunn. 2,061,997; Nov. 24.
Precooler for refrigerator cars. J. D. Huston. 2,061,800; Nov. 24.
Press: *See*—
Hydraulic press. Printing press.
Presser, Auxiliary. W. Heinitz. 2,062,222; Nov. 24.
Presses for producing wax carbon spots on sheets of paper, Apparatus for. G. A. Rutkoskie. 2,061,984; Nov. 24.
Pressing machine control. J. P. Singiser. 2,062,017; Nov. 24.
Pressure control mechanism for draft tubes. H. C. Williamson. 2,061,642; Nov. 24.
Pressure fluctuations, Device to absorb. K. C. Monroe. 2,061,949; Nov. 24.
Pressure regulator. G. M. Deming. 2,061,794–5; Nov. 24.
Primary electric cell. D. Domizi. 2,061,899; Nov. 24.
Printing apparatus. J. E. Cady. 2,061,893; Nov. 24.
Printing press. N. S. Welk. 2,062,152; Nov. 24.
Protective device for safes. W. C. Miller. 2,062,067; Nov. 24.
Protective system. D. D. Knowles. 2,062,269; Nov. 24.
Pulp, Manufacture of cellulose. P. Delcroix. 2,061,935; Nov. 24.
Pulp refining apparatus. W. V. Knoll. 2,061,662; Nov. 24.
Pump: *See*—
Deep well pump. Tandem valve concrete pump.
Oil well casting pump.
Rotary pump.
Punch, Double row key. N. S. Welk and D. A. Nevin. 2,062,155; Nov. 24.
Punch, Key. N. S. Welk and D. A. Nevin. 2,062,153; Nov. 24.
Pyrolysis of methane. H. M. Smith, P. Grandone, and H. T. Rall. 2,061,597; Nov. 24.
Rack: *See*—
Merchandising display rack Tray rack.
Rack and lifting device, Vehicle loading. J. S. Wilson, C. W. Millspaugh, and E. G. Overmire. 2,062,244; Nov. 24.
Radio coil and switch assembly. C. L. Walker, D. R. Moatz, and W. R. Allen, 3d. 2,062,253; Nov. 24.
Radio receiver. W. D. Loughlin. 2,062,032; Nov. 24.
Radio receiver. M. A. McLennan. 2,061,736; Nov. 24.
Radio receiving system, Multirange. S. Whisk. 2,062,111; Nov. 24.
Radio signaling system. R. A. Fox. 2,061,699; Nov. 24.
Rail, Overhead. F. Spurrier. 2,061,857; Nov. 24.
Razor and blade, Safety. N. Testi. 2,061,721; Nov. 24.
Razor blade holder, Safety. W. Easton. 2,061,900; Nov. 24.
Razor, Safety. N. Testi. 2,061,720; Nov. 24.
Razor stropping device. C. H. Stauffer. 2,061,858; Nov 24.
Receptacle closure. A. L. Merolle. 2,062,271; Nov. 24.
Receptacle for catch basins or the like. H. Stein 2,061,781; Nov. 24.
Reed actuated signal. A. F. Gillet. 2,061,762; Nov. 24.
Refrigerating apparatus. L. E. Smith. 2,061,599; Nov. 24.
Refrigerating apparatus. G. F. Zellhoefer. 2,061,606; Nov. 24.
Refrigerating system. J. W. Gilbert and E. F. Walker. 2,061,869; Nov. 24.
Refrigeration. E. Rice, Jr. 2,061,776; Nov. 24.
Refrigeration. A. W. Ruff. 2,062,235; Nov. 24.
Refrigerator. H. L. Merrill. 2,062,138–40; Nov. 24.
Regulator: *See*—
Pressure regulator. Voltage regulator.
Temperature regulator.
Remote control apparatus. A. P. Jackel. 2,061,770; Nov. 24.
Remote control device for radio receivers. A. A. Thomas. 2,062,259; Nov. 24.
Remote controlled brake. R. E. Miller. 2,061,916; Nov. 24.
Resistance unit and mounting therefor. N. J. Conrad. 2,062,163; Nov. 24.
Retardation controller device. J. W. Logan, Jr. 2,061,912; Nov. 24.
Rifle, Small bore target. R. Wiles. 2,062,079; Nov. 24.
Ring. J. Granat. 2,061,655; Nov. 24.
Ring and producing same, Piston. C. R. Short. 2,061,780; Nov. 24.
Ring binder construction. J. Schade. 2,061,676; Nov. 24.
Rivet. L. C. Huck. 2,061,629; Nov. 24.
Riveted structure and making the same. L. C. Huck. 2,061,628; Nov. 24.
Riveting tool. L. P. Kamosis. 2,061,660; Nov. 24.
Roads, Apparatus for leveling. C. N. Pogue. 2,062,232; Nov. 24.
Rock, Digesting phosphate. W. R. Seyfried. 2,061,639; Nov. 24.
Rock drill. M. C. Huffman. 2,061,908; Nov. 24.
Rock drill rifle nut and making same. W. Noble. 2,061,807; Nov. 24.
Rod line connecter control. I. L. Dunn. 2,062,258; Nov. 24.
Roll and operating same, Multiple-web. A. W. Metzner and J. Q. Sherman. 2,061,713; Nov. 24.
Roller bearing. T. L. Robinson. 2,062,041; Nov. 24.
Roller bit. A. C. Catland. 2,061,650; Nov. 24.
Roof, Vehicle. O. L. Herron. 2,062,177; Nov. 24.
Roofing, Composition. G. R. Stark and J. A. Main. 2,062,149; Nov. 24.
Roofing granules, Preventing blooming of. S. G. Wright. 2,062,080; Nov. 24.
Rope cores, Forming lubricated wire. W. D. Hodson. 2,062,059; Nov. 24.
Rotary disk valve. B. Pratt and G. F. Weinreich. 2,061,716; Nov. 24.
Rotary pump. R. W. Ott. 2,061,950; Nov. 24.
Rubber-like synthetic high-molecular masses. M. Mueller-Cunradi and K. Pieroh. 2,061,934; Nov. 24.
Rug-making tool. D. H. Hannay. 2,061,766; Nov. 24.
Rule, Slide. G. D. Shaeffer. 2,061,853; Nov. 24.
Safety brake, Emergency. J. L. Loehnis and W. I. Williams. 2,062,184; Nov. 24.
Safety device for motion picture projectors. J. De Luca. 2,061,793; Nov. 24.

Sandwich cutting machine. J. M. Forester. 2,062,170; Nov. 24.
Sash holder. C. O. Goserud. 2,061,572; Nov. 24.
Saw, Tubular. E. R. Douglas, J. J. Helus, Jr., and A. Edel. 2,062,257; Nov. 24.
Scraper and bulldozer, Combination. M. C. Slate. 2,061,924; Nov. 24.
Scraper, Flexible blade. G. A. Orman. 2,061,669; Nov. 24.
Seal and package, Strap. C. M. MacChesney. 2,062,098; Nov. 24.
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Seed holding and distributing device. A. Waddick. 2,061,955; Nov. 24.
Sensitivity reduction system, Automatic. W. van B. Roberts. 2,061,982; Nov. 24.
Separable fastener. H. E. Sipe. 2,061,680; Nov. 24.
Separable fastener. H. E. Sipe. 2,061,683; Nov. 24.
Separating machine and process. K. Davis. 2,062,211; Nov. 24.
Sewage disposal apparatus. W. H. Lang. 2,061,841; Nov. 24.
Sharpener, Shear. T. H. Louden. 2,061,842; Nov. 24.
Sheet, Composition. A. C. Fischer. 2,061,569; Nov. 24.
Shearing, Apparatus for. L. Iversen. 2,061,659; Nov. 24.
Shell-reloading device. H. E. Newcomb. 2,061,977; Nov. 24.
Shield and ground connecter, Plug and socket. S. M. Del Camp. 2,062,256; Nov. 24.
Shirt. I. McKinney. 2,062,185; Nov. 24.
Shock absorbing device. W. Noble. 2,061,806; Nov. 24.
Shoe and shank stiffener therefor. F. L. Cheever. 2,061,959; Nov. 24.
Shoe fitting device. C. R. Roberts. 2,061,849; Nov. 24.
Shoe protecting device. Z. R. Everett and K. F. V. Nygaard. 2,062,123; Nov. 24.
Shoe with expansible opening. F. P. Wagner. 2,061,746; Nov. 24.
Shoes, Method of and machine for making. F. S. Glines. 2,061,700; Nov. 24.
Shuttle change loom. C. D. Brown. 2,061,828; Nov. 24.
Sign. F. E. Kip. 2,062,094; Nov. 24.
Sign. J. W. Newman. 2,061,805; Nov. 24.
Signs, Apparatus for making. F. L. Stoffel. 2,062,044; Nov. 24.
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Signal. L. B. Hester. 2,061,871; Nov. 24.
Signaling, Railway. R. R. Kemmerer. 2,062,055; Nov. 24.
Signaling system. R. D. Kell. 2,061,734; Nov. 24.
Signaling system, High-frequency. H. A. Wheeler. 2,061,991; Nov. 24.
Silk moistener. W. M. Rossiter. 2,062,071; Nov. 24.
Skillet structure, Combination. W. A. Burnette. 2,061,610; Nov. 24.
Sleepers, Production of iron. C. Wallmann, J. Grosswelschede, and B. Kruse. 2,061,861; Nov. 24.
Slide fastener. S. H. Norton. 2,061,681; Nov. 24.
Slide fastener. G. Sundback. 2,061,682; Nov. 24.
Slip. G. E. McLagan. 2,061,771–2; Nov. 24.
Slip. V. L. Sussberg. 2,062,150; Nov. 24.
Slug casting machine. J. H. Hilpman. 2,061,872; Nov. 24.
Slug ejecting mechanism of typographical slug casting machines. C. A. Albrecht. 2,062,169; Nov. 24.
Softener, Putty. G. McKittrick. 2,062,230; Nov. 24.
Soles to shoes, Method and machine for attaching. E. E. Winkley. 2,061,690; Nov. 24.
Sound head for reproducing sound from sound films. D. P. Fisher. 2,062,217; Nov. 24.
Sound-transmission, sound-recording, and sound-reproducing system. A. D. Blumlein. 2,062,275; Nov. 24.
Speed control of alternating current motors, System for adjustable. A. M. Rossman. 2,061,983; Nov. 24.
Speed mechanism, Continuously variable change. S. C. Viberg. 2,062,241; Nov. 24.
Speed synchronizing device. E. F. Marresford. 2,062,136; Nov. 24.
Spindle screw machine, Multiple. W. L. Morrall. 2,061,586; Nov. 24.
Spout can cover machine, Pouring. J. M. Hothersall. 2,061,575; Nov. 24.
Spray device. O. A. Sorensen. 2,061,987; Nov. 24.
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Stator structure for dynamo electric machines. L. P. Kongsted. 2,061,839; Nov. 24.
Steam generators, Method and apparatus for operating. O. B. Campbell. 2,061,831; Nov. 24.
Stereoscopic positives from negatives, Apparatus for making. E. E. Draper. 2,061,729; Nov. 24.
Stoker mechanism. C. J. Surdy and E. A. Turner. 2,061,783; Nov. 24.
Stoker, Underfeed. C. A. Warg. 2,062,076; Nov. 24.
Strainer for pulp digesters. H. W. Guettler and C. J. Christiansen. 2,062,127; Nov. 24.
Strap holder for women's underwear, Shoulder. P. J. Lake. 2,061,840; Nov. 24.
Structure for roller bits. R. R. Crum. 2,061,933; Nov. 24.
Stuffing box. O. L. Beaumier. 2,061,693; Nov. 24.
Sub-surface determinations, Making. B. B. Weatherby. 2,062,151; Nov. 24.
Sulphonates, Preparing alcohol-amine mineral oil. K. T. Steik. 2,061,601; Nov. 24.
Superheterodyne receiver. C. W. Hansell. 2,062,004; Nov. 24.
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Support for bathroom articles and the like. A. W. Spencer. 2,061,855; Nov. 24.
Supporter, Garment. W. C. Ward. 2,061,956; Nov. 24.
Supporter, Hose. H. T. Cottrell. 2,062,087; Nov. 24.
Supporter, Hose. J. C. Watson and J. M. Alexander. 2,062,077; Nov. 24.
Sweep blade, Detachable. P. O. Thompson. 2,062,197; Nov. 24.
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Switch operating mechanism, Railway. H. L. Bone. 2,061,752; Nov. 24.
Synchronizing system. R. E. Mathes. 2,062,009; Nov. 24.
Table: *See*—
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Table. P. A. Rossi. 2,061,717; Nov. 24.
Tag fastener. S. Weiss. 2,061,927; Nov. 24.
Tandem valve concrete pump. C. F. Ball. 2,062,200; Nov. 24.
Tank and hose enclosure, Combined syringe. R. M. Rigney. 2,062,040; Nov. 24.
Tap for liquid receptacles. V. Alvear. 2,062,199; Nov. 24.
Telephone. F. Arnold. 2,062,019; Nov. 24.
Temperature regulator. F. F. Uehling. 2,061,884; Nov. 24.
Tension device, Uniform. A. P. Lewis and W. J. Secrest. 2,062,008; Nov. 24.
Terminal structure. H. E. Rhodes. 2,061,981; Nov. 24.
Testing apparatus. G. D. Bagley. 2,061,692; Nov. 24.
Thermionic device. G. Jobst. 2,061,733; Nov. 24.
Thermostat control apparatus. R. H. Mautsch. 2,061,915; Nov. 24.
Thread and making the same, Rubber. C. L. Beal. 2,061,749; Nov. 24.
Thread cutting machines, Compensating mechanism for. H. Schicht. 2,061,778; Nov. 24.
Thread guide bars, Device for limiting the movements of. W. Helnitz. 2,062,223; Nov. 24.
Ticket, Pin. M. M. Keener. 2,061,969; Nov. 24.
Time lock, Delayed control. W. C. Miller. 2,062,066; Nov. 24.
Tin tetrachloride, Making. P. L. Tyson. 2,061,816; Nov. 24.
Tire boot. L. R. Saferite. 2,061,851; Nov. 24.
Tire cover. F. W. Schmidt and F. E. Beach. 2,061,986; Nov. 24.
Tire inflating and deflating apparatus. W. A. Harris. 2,062,220; Nov. 24.
Tobacco pipe. E. Vollmann. 2,061,786; Nov. 24.
Tool: *See*—
Earthworking tool. Riveting tool.
Electrically operated fishing tool. Rug-making tool.
Torpedo, Track. L. A. Sherman. 2,061,854; Nov. 24.
Torque reaction device for brakes. R. G. De La Mater. 2,061,866; Nov. 24.
Toy. R. F. Dalton. 2,061,695; Nov. 24.
Toy aeroplane and control therefor. M. Sampson. 2,061,953; Nov. 24.
Toy horse racing game. J. L. Entwistle. 2,062,168; Nov. 24.
Toy, Mechanical. K. Arnold. 2,062,046; Nov. 24.
Track-clearing implement. E. B. Meyer. 2,061,585; Nov. 24.
Traffic controlling apparatus, Railway. C. A. Brooks. 2,062,048; Nov. 24.
Traffic controlling apparatus, Railway. P. H. Crago and A. E. Dodd. 2,061,756; Nov. 24.
Traffic controlling apparatus, Railway. B. E. O'Hagan. 2,061,773; Nov. 24.
Trailer. A. H. Horsey. 2,062,053; Nov. 24.
Trailer vehicle. H. H. Robinson. 2,061,673; Nov. 24.
Transformer measuring instrument. E. W. Swartwout. 2,062,110; Nov. 24.
Transmission. R. Chilton. 2,061,895–6; Nov. 24.
Transmission, Automatically variable speed. A. De Muynck. 2,061,867; Nov. 24.
Transmission control in two-way signaling systems. B. G. Bjornson. 2,061,555; Nov. 24.
Transmission restoring apparatus, Automatic. R. K. Lee. 2,062,007; Nov. 24.
Tray rack. W. A. Bohannon and C. B. Gilbert. 2,061,891; Nov. 24.
Truck, Car. R. C. Hobson. 2,061,767; Nov. 24.
Truck, Conveyer. C. S. Larson. 2,061,735; Nov. 24.
Truss. W. I. Silverstein. 2,061,596; Nov. 24.
Truss, Umbilical. I. M. Pease. 2,062,143; Nov. 24.
Tuner. F. Woods. 2,061,726; Nov. 24.
Tunnel, Submersible. J. C. Meem. 2,061,584; Nov. 24.
Turbine plant. A. Hänschke. 2,061,902; Nov. 24.
Turfing machine. W. Hofmann and O. F. Gerbert. 2,062,027; Nov. 24.

Turning machine and method. W. J. Beattie. 2,062,203; Nov. 24.
Twine. E. W. Brown and R. C. Farrell. 2,061,559; Nov. 24.
Twisting attachment. J. L. Marshall. 2,061,913; Nov. 24.
Typewriter attachment. J. Q. Sherman. 2,061,595; Nov. 24.
Typewriting machine. H. Schüller. 2,062,236; Nov. 24.
Typewriting machine. B. C. Stickney. 2,061,989; Nov. 24.
Typographical composing machine. R. H. Scott. 2,061,881; Nov. 24.
Valve: *See*—
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Gas tank safety valve.
Valve. J. R. Golden. 2,061,703; Nov. 24.
Valve. E. J. Kiley. 2,061,706; Nov. 24.
Valve. J. O. Lewis. 2,062,031; Nov. 24.
Valve. S. J. Nordstrom. 2,062,068; Nov. 24.
Valve device, Pedestal brake. E. E. Hewitt. 2,061,906; Nov. 24.
Valve mechanism for controlling a drier. G. M. Gibson. 2,062,126; Nov. 24.
Valve mechanism, Quick service. E. R. Fitch. 2,061,901; Nov. 24.
Valve stem packing, Method of. C. E. Johnson. 2,061,874; Nov. 24.
Vegetable slicing device. R. L. Marchfield. 2,061,711; Nov. 24.
Vehicle construction, Transport. E. J. Dondlinger. 2,062,120; Nov. 24.
Vehicle, Folding. J. E. Guy. 2,061,623; Nov. 24.
Vehicle, Motor driven. G. C. Street, Jr. 2,061,719; Nov. 24.
Vehicle spring. C. W. Clauson. 2,061,651; Nov. 24.
Vehicle, Temperature controlled. C. W. Spohr. 2,061,856; Nov. 24.
Veneer and making same, Flexible. J. F. Dreyer. 2,062,088; Nov. 24.
Ventilating and air-conditioning apparatus. D. A. Sargent. 2,062,042; Nov. 24.
Viewing attachment for cameras. A. Wolff. 2,061,643; Nov. 24.
Voltage regulator. W. P. Overbeck. 2,062,037; Nov. 24.
Volume control, Automatic. D. G. McCaa and R. D. Brown. 2,061,710; Nov. 24.
Wad cutting and placing machine. D. D. Huyett. 2,061,576; Nov. 24.
Wad cutting, forming, and placing machine. D. D. Huyett. 2,061,577; Nov. 24.
Wagon, Rice. J. V. Thompson. 2,061,954; Nov. 24.
Wall construction. A. C. Goddard and R. P. Le Vines. 2,061,702; Nov. 24.
Wall section and wall assembly. J. Muller. 2,061,633; Nov. 24.
Washer: *See*—
Perforated liner washer.
Washing apparatus. H. A. Lingard. 2,062,097; Nov. 24.
Water eductor and method. W. T. Wells. 2,061,865; Nov. 24.
Water softener. C. P. Eisenhauer. 2,061,797; Nov. 24.
Water, Treating. G. Ornstein. 2,062,231; Nov. 24.
Water treating apparatus. E. Pick. 2,061,714–5; Nov. 24.
Wax applicator. L. Cabana. 2,062,049; Nov. 24.
Weatherstrip. J. M. Lewis. 2,062,229; Nov. 24.
Webs, Process and apparatus for the drying of travelling. O. Merckens. 2,061,976; Nov. 24.
Weight and tensioning measuring device. W. T. Wells. 2,061,863; Nov. 24.
Welding, Apparatus for. E. Riemenschneider. 2,061,671; Nov. 24.
Well bit. J. H. Howard. 2,061,657; Nov. 24.
Wheel: *See*—
Buffing wheel. Driving wheel.
Wheel suspension, Vehicle. M. Poirier. 2,062,233; Nov. 24.
Window construction. A. Mauro. 2,061,914; Nov. 24.
Window for vehicles, Delivery. C. L. Wilson. 2,061,689; Nov. 24.
Window lock. C. E. Hennigan. 2,062,176; Nov. 24.
Wire folding, cutting, and handling machine. D. D. Huyett. 2,061,579; Nov. 24.
Wood articles, Manufacturing inlaid. F. H. Hartman. 2,062,175; Nov. 24.
Wooden plug. N. Zwingauer. 2,062,081; Nov. 24.
Wrapper to the end of a cigar filler, Apparatus for applying the. K. F. Röber. 2,061,880; Nov. 24.
Wrappers and bands for cigars, Method of and apparatus for combining. A. W. Kath. 2,061,968; Nov. 24.
Wrapping for explosives. M. Brendt. 2,061,558; Nov. 24.
Wringer, Mop. W. F. Blake. 2,061,556; Nov. 24.
Yarn, Splicing. R. H. Chase. 2,061,549; Nov. 24.
Yarns, Production of textile. W. A. Dickie and R. W. Moncrieff. 2,061,614; Nov. 24.

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Suggestion for the Use of Coupons

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Disclaimers

T. M. 330,788.—*The Frank H. Lee Company*, Danbury, Conn. MEN'S AND WOMEN'S HATS MADE OF FELT AND/OR STRAW. Registered December 17, 1935. Disclaimer filed September 24, 1936, by the registrant.

Hereby enters this disclaimer to the use of the trade-mark so registered as applied to women's hats.

1,846,516.—*William T. Haines*, Mountain Lakes, N. J. TELEPHONE SYSTEM. Patent dated February 23, 1932. Disclaimer filed October 8, 1936, by the assignee, *American Telephone and Telegraph Company.*

Hereby enters this disclaimer to claims 2, 3, and 7 of said Letters Patent.

1,870,942.—*Dana C. Beatty*, New York, N. Y. SYRINGE. Patent dated August 9, 1932. Disclaimer filed October 9, 1936, by the assignee, *Gynex Corporation.*

Hereby enters this disclaimer to claims 4, 10, 11, 12, and 13.

1,969,065.—*Oscar S. Field*, Rochester, N. Y. RELAY. Patent dated August 7, 1934. Disclaimer filed October 10, 1936, by the assignee, *General Railway Signal Company.*

Hereby enters this disclaimer to claims 2, 3, 4, 8, 9, 12, 13, 14, 15, 17, 18, 19, 20, and 21 of said Letters Patent.

1,995,652.—*Wade H. Reichard*, Rochester, N. Y. POWER SUPPLY SYSTEM. Patent dated March 26, 1935. Disclaimer filed October 10, 1936, by the assignee, *General Railway Signal Company.*

Hereby enters this disclaimer to claims 1, 2, and 6 of said Letters Patent.

2,003,752.—*Gustave E. Landt*, Norristown, Pa. BENDABLE LAMINATED PRODUCT. Patent dated June 4, 1935. Disclaimer filed October 12, 1936, by the assignee, *Ciba Products Corporation.*

Hereby enters this disclaimer to claims 9 and 13 in said patent.

2,009,007.—*Walter W. Wenholz*, Rochester, N. Y. TRAFFIC CONTROLLING SYSTEM FOR RAILROADS. Patent dated July 23, 1935. Disclaimer filed October 10, 1936, by the assignee, *General Railway Signal Company.*

Hereby enters this disclaimer to claims 18, 19, and 20 of said Letters Patent.

2,019,466.—*Walter W. Wenholz*, Rochester, N. Y. TRAIN DISPATCHING SYSTEM FOR RAILROADS. Patent dated October 29, 1935. Disclaimer filed October 10, 1936, by the assignee, *General Railway Signal Company.*

Hereby enters this disclaimer to claims 6 and 17 of said Letters Patent.

2,039,602.—*Raphael B. Luebbe*, Cincinnati, Ohio. GAS HOLDER SHELL AND METHOD OF FABRICATING THE SAME. Patent dated May 5, 1936. Disclaimer filed October 10, 1936, by the assignee, *The Stacey Brothers Gas Construction Company.*

Hereby enters this disclaimer to claims 12 and 16 of said Letters Patent.

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Condition of Applications Under Examination at Close of Business October 17, 1936

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 36,309; Trade-Mark Division, 1,651. Oldest new case, April 20, 1936; oldest amended, April 15, 1936.) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
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6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco, Velocipedes; Butchering; Bee Culture.	June 1	June 1	1,032
4093	3. LINDSAY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	July 23	July 22	450
7063	4. DONNELLY, A. E. (Act.), Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	June 1	June 9	551
3077	5. MACNAB, J. F., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons, Etc.	July 17	July 21	481
4898 C	6. LEWERS, A. M., Carbon Chemistry (part)	July 16	July 14	712
5725	7. JARBOE, C. G., Optics; Photography	July 20	July 20	742
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	July 20	July 28	527
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6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops; Vehicle Fenders	July 23	July 25	321
5087 B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	July 21	July 22	382
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms.	July 20	July 20	418
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Aug. 10	Aug. 10	402
5097	14. SMITH, G. A. (Act.), Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	June 19	June 25	605
4897	15. HENKIN, BENJ. (Act.), Glass; Plastic Block and Earthenware Apparatus; Plastics	July 22	July 22	855
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4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	June 30	July 1	470
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	July 15	July 15	678
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6082	41. WHITNEY, M. L., Railway and Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes; Railway Draft Appliances; Spring Devices; Typewriting Machines.	July 8	July 11	480
5882	42. CUTTING, H. O., Electric Signaling	July 7	June 23	470
4886 B	43. KLINGE, E. F., Medicines, Poisons and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	July 17	July 17	657
4087 B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	July 16	July 9	640
7097	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling.	July 20	July 18	308
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	July 6	July 10	562
7600	47. BARKER, H., Clutches; Brakes	July 14	July 15	516
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	July 17	July 17	578
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	July 22	July 18	476
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products;	July 16	July 17	618
5628	51. BACKUS, C. D., Radiant Energy	July 25	July 25	627
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	July 30	Aug. 3	511
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	June 29	June 27	808
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	July 17	July 17	378
6887	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	May 26	June 2	713
4725	56. CHANDLER G. V. (Act.), Electrochemistry; Laminated Fabrics; Paper Making, Substance Preparation.	July 17	July 17	801
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys; Exercising Devices.	July 17	July 7	316
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	July 11	July 11	422
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating, and Illuminating; Carbon Chemistry (part).	July 20	July 20	515
5896	60. GLASS, R. L., Electricity, Heating, and Welding; Batteries; Resistances and Rheostats; Prime-Mover Dynamo Plants.	June 29	July 1	549
6724	61. PARKS, G. E., Laminated Electrical Insulation, Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	July 17	July 17	330
3876	62. PUGH, E. C., Games; Geometrical Instruments	July 17	July 18	576
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Sterilizing; Chemistry, Fermentation.	July 20	July 20	380
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel;	July 27	July 27	737
5624	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	May 19	May 26	795
2099 B	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND (Trade-Marks	Sept. 10	Sept. 28	1,401
2605	DESIGNS, H. H. KALUPY (Labels and Prints	Sept. 22	Oct. 2	250
		Sept. 21	Sept. 28	441

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE FERGUSON

No. 3,625. Decided June 1, 1936

[83 F.(2d) 693]

PATENTABILITY—STARTING MECHANISM FOR INTERNAL COMBUSTION ENGINES—CLAIMS BROADER THAN INVENTION.

Certain claims for automatic starting mechanism for internal combustion engines *Held* broader than applicant's invention and therefore unpatentable.

APPEAL from the Patent Office. Affirmed.

Messrs. McConkey & Smith, Mr. Clinton S. Janes and *Mr. N. D. Parker, Jr.*, for Ferguson.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

BLAND, *J.*:

Claims 1, 3, 5, 6, 11, and 16 of appellant's application for a patent relating to a back-fire release for internal combustion engines were rejected by the Primary Examiner of the United States Patent Office upon the prior art. Upon appeal to the Board of Appeals, the decision of the Examiner was affirmed for reasons which will be hereinafter considered. Appellant has appealed here from the decision of the Board, and we regard claims 3 and 11 of the appealed claims as illustrative. They read:

3. In combination an internal combustion engine, a starting mechanism therefor including a starting switch, *manually controllable means for actuating said starting switch, and means responsive to reverse rotation of said engine for preventing the actuation of said starting switch.*

11. In an automatic starting mechanism for internal combustion engines, manually controllable means for cranking an engine whenever forward rotation thereof ceases including a starting switch *and a control circuit therefor, closure of which causes closure of the starting switch, a pair of contacts in said control circuit and means responsive to reverse rotation of the engine for opening said contacts.* [Italics ours.]

The application relates to a back-fire release for internal combustion engines, and in appellant's drawing he has disclosed a starting motor for the engine, the engine not being shown. The starting motor is shown to be controlled by a starting switch, which switch may be actuated either manually or through a control circuit. The appealed claims include means responsive to reverse rotation of the engine for preventing the actuation of said starting switch. Appellant has contributed to the art and has been allowed claims for his contribution, and that contribution consists in preventing the starting of the motor by means responsive to positive pressure in the intake system of the engine. For instance, allowed claim 18 provides for a pair of contacts in the control circuit which are so arranged that when positive pressure develops in the intake system, the contacts will be opened, thus preventing the starting of the motor.

The Examiner in rejecting the appealed claims cited three references: Richards, 1,174,352, March 7, 1916; Gilbert, 1,635,078, July 5, 1927; Loehr et al., 1,773,913, August 26, 1930.

The Examiner rejected claims 1 and 3 upon Richards. Of claims 5, 6, 11, and 16, claims 5, 6, and 11 call for a "control circuit", and claim 16 calls for "a source of current supply for automatically cranking the engine whenever forward rotation thereof ceases". As to claims 5, 6, 11, and 16, the Examiner pointed out that the said limitations were old in the prior art cited. Both the references Gilbert and Loehr et al., show that it is old to control a starter switch through a relay. Gilbert's starter is controlled by a relay having a control circuit. The relays of Gilbert and Loehr et al., according to the Examiner, also automatically bring about the cranking of the engine whenever forward rotation ceases.

The Board of Appeals rendered three decisions, having reconsidered its first two decisions, and in the last decision, that of January 16, 1935, the Board stated that it would completely restate its views and that it would "not rely upon either of our previous communications". In view of the contentions of the appellant, we think it is important to quote a major portion of the Board's said decision which is as follows:

> It is appellant's contention that the starting motor of Richards will not be deenergized and remain so until the reverse rotation of the motor has ceased and that the reengagement of the clutch under these conditions causes real damage.
>
> We are not convinced that the Richards device will necessarily be ineffective in this manner, and if there is difficulty, for the reason stated by appellant, we think that it would be obvious to so arrange the switch that this would be impossible. However, we do not consider that this question is controlling with respect to the patentability of the appealed claims. There can be no question but that Richards intended to devise a means to completely overcome the difficulty which those skilled in the art recognized as existing, namely, to prevent the operation of the starting motor on the engine whenever the engine is running in the reverse direction because of back-fire.
>
> It is our position that appellant is attempting to cover broadly one of the most obvious ways of overcoming a recognized difficulty. Certainly since those skilled in the art [k]new that the trouble was caused by the reverse rotation of the engine, we believe that one of the first thoughts one would have in attempting to solve the problem would be to provide a means which would be actuated by the reverse rotation of the engine for preventing the energization of the starting motor while this rotation continues.
>
> We have stated that the courts frequently have held that the first to provide means for accomplishing a previously conceived or obviously desired improvement is not entitled to all means for this purpose, thereby closing the art to all others who may produce the same result by means not suggested by the first to provide a means. We referred to a few decisions in our communication of December 11, 1934, designated paper No. 18, but appellant states in effect that he is not aware of any decision which goes so far as to hold that an inventor who has first solved a problem is not entitled to as broad claims as the art will permit covering the structure which he has disclosed. However, in the decision Heidbrink et al. v. McKesson, 1924 C. D. 407, previously referred to by us, the court stated in effect that a claim for a machine which is drafted to cover any means which any one may discover of producing the result is invalid. We think this is the accepted law and that appellant's statement is untenable.
>
> The fact that there may be other ways of preventing the damage from back-fire than utilizing the reverse motion of the engine to open and hold open the starting switch, does not, in our opinion, alter the situation where the field that appellant is attempting to cover is an obvious one. For the reasons above stated, our previous decision rejecting the appealed claims as not defining a patentable invention is repeated.

While that portion of the decision above quoted differs in the language used, we think the two grounds of rejection of the appealed claims which the Board applied in its second decision, that of

December 11, 1934, are adhered to in its last decision. In said decision of December 11, 1934, it said:

> • • • The decision of the Examiner is affirmed in rejecting the claims on the patent to Richards. The claims are also rejected as broader than appellant's invention. • • •

The first ground of rejection is, in effect, that appellant has done nothing inventive over that shown in the patent to Richards. Appellant has argued at length that the Richards structure does not anticipate the invention and points out several objections to the Richards patent which, he urges, are justification for the conclusion that what appellant has done amounts to invention over that which Richards did.

In view of our conclusion that the Board's second ground of rejection—to the effect that the appealed claims are broader than appellant's invention—is sound, it is unnecessary for us to consider the prior art at any great length.

We are in agreement with the Board that to allow those of the appealed claims which are directed broadly to a means responsive to reverse rotation of the engine (without stating what means) for preventing the actuation of the starting mechanism, would amount to granting appellant a monopoly on all means of bringing about this result "thereby closing the art to all others who may produce the same result by means not suggested" by appellant. And, as we see it, the fact, if it be a fact, that he was the first to provide any such means does not change the situation.

In this court appellant argues, as he evidently argued before the Board, that he is entitled to broad claims which cover all means, since he is the first to invent any means for bringing about the result. If it were conceded that he be the first to provide a means to accomplish the desired result, we cannot agree with appellant's contentions, and we think that the case of *Heidbrink et al.* v. *McKesson*, 290 Fed. 665, and the cases therein cited, definitely settle this question. In the *Heidbrink et al.* case, the court said:

> With this statement of the situation, we come to his two claims of 1,265,910. We are compelled to think that they are invalid because functional. They are apparently most deliberately and skillfully drafted to cover any means which any one ever may discover of producing the result; that is, to accomplish the one thing while avoiding the other. We think they are clearly to be condemned under the rule stated in *O'Reilly* v. *Morse*, 15 How. 62, 112, 14, L. Ed. 601, *Risdon* v. *Medart*, 158 U. S. 68, 77, 15, Sup. Ct. 745, 39 L. Ed. 899, and the many familiar cases applying the rule, and that they are not within the principle of the Telephone Case, 126 U. S. 1, 534, 8 Sup. Ct. 778, 31 L. Ed. 863. We do not mean to say that a claim which in a very general way calls for means is necessarily functional and bad—quite the contrary (*Davis* v. *New Departure Co.* [C. C. A. 6] 217 Fed. 775, 782, 133 C. C. A. 505); nor would we hastily condemn for this reason, a claim which, by its functional quality, only became equivalent to that valid process claim which the inventor might have obtained through another form of his application; but a claim to a process which attempted to define the process only by its result, would be no less objectionable than is a corresponding claim to a machine.

As to claims 5, 6, 11, and 16, which contain the uninventive limitations heretofore set out, we think the Examiner was correct in his holding, in effect, which holding the Board affirmed, that appellant there claims nothing patentably distinct from that which was shown in the prior art references. We agree with his conclusion that making use of a control circuit or providing a source of current supply for automatically cranking the engine whenever forward rotation thereof ceases, which expedients were old in the cited prior art, would not, when used in the combination set out in the appealed claims, make a patentable distinction over such prior art. Appellant claims in all the appealed claims more than he has invented, and we agree with the decision of the Board in its ground of rejection in this respect.

For the reasons aforesaid, the decision of the Board of Appeals is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

ELGIN AMERICAN MANUFACTURING CO.

v.

ELIZABETH ARDEN

No. 3,636. Decided June 1, 1936

[83 F.(2d) 681]

1. TRADE-MARKS—SAME DESCRIPTIVE PROPERTIES—POWDER BOXES AND PERFUME CONTAINERS AND POWDER AND PERFUME.

   Powder boxes and powder and also perfume containers and perfume *Held* goods of the same descriptive properties.

2. SAME—SIMILARITY—"EA" IN A MONOGRAM AND "EAM".

   A mark consisting of the letters "EA" in a monogram *Held* confusingly similar to a mark consisting of the letters "EAM".

APPEAL from the Patent Office. Reversed.

GARRETT, *J.*, dissenting.

Mr. Ephraim Banning and *Mr. Charles R. Allen* for Elgin American Manufacturing Co.

Mr. Hugo Mock, *Mr. Asher Blum*, and *Mr. James Atkins* for Elizabeth Arden, Inc.

BLAND, *J.*:

This is an opposition proceeding in which the Elgin American Manufacturing Company, hereinafter referred to as Elgin American, is the opposer, and Elizabeth Arden, Inc., hereinafter referred to as Elizabeth Arden, is the applicant.

The applicant seeks to register a trade-mark consisting of the letters "EA". The application, No. 337,006, recites that the trade-mark has been used continuously since December, 1930, on bath salts, and since June, 1929, on rouge, sun-tan-oil, talcum powder, and perfumes.

The opposer, Elgin American, in its notice of opposition, relies upon its trade-mark "EAM", registered in 1917, and has alleged and shown, by stipulation, that prior to applicant's use of its said trade-mark as aforesaid, it had been used by it on and in connection with lockets, cigarette cases, vanity cases, card cases, match safes and powder boxes, produced both from precious metals and from base metals and various alloys of metals; rouge boxes, compact boxes, powder containers, make-up boxes, compacts for both loose and cake powder, cold cream containers, perfume containers, lipstick holders, eyebrow pencils, soap receptacles, and various toilet articles.

The two marks are here reproduced:

Mark of Appellant, Elgin American Manufacturing Co.

EAM

Mark of Appellee, Elizabeth Arden, Inc.



The stipulated record is very indefinite and confusing. The statement is made therein that Elgin American sells refills for its cases, boxes, containers, holders, and pencils. No allegation as to when they were sold or what trade-mark, if any, was used upon them is found in the record. Other allegations are equally indefinite. The record shows that appellant advertises that it sells refills for its rouge containers, and in the advertisements the rouge is shown placed in the rouge containers. We agree with the appellee and with the findings of the tribunals below that, as the issues are here presented, appellant's trade-mark must be regarded as having been used only on the goods above listed, in the penultimate paragraph, and that appellant's cases and other articles were made from both precious and base metals and various alloys of metals.

The applicant's stipulated facts contain the statement to the effect that its "EA" trade-mark is used on several kinds of containers, but the application at bar, No. 337,006, does not so specify. So, the question here presented is whether the trade-mark "EA", when used on rouge, sun-tan-oil, talcum powder, perfumes and bath salts, so nearly resembles appellant's "EAM" mark when used upon its goods above specified, which include powder boxes, rouge boxes, compact boxes, powder containers, perfume containers, and soap receptacles as to be likely to cause confusion within the meaning of the statute.

The Examiner of Interferences held that the opposer's metal products are not goods of the same descriptive properties as the toilet preparations in connection with which applicant uses the mark here sought to be registered, and dismissed the opposition.

Upon appeal, the Commissioner of Patents held that the marks involved lack of "deceptive similarity" and called attention to the plain printing of the mark "EAM" and the distinctive arrangement of the letters "EA". He also held that the goods to which the parties applied their respective marks were of different descriptive properties, and affirmed the decision of the Examiner of Interferences in dismissing the opposition.

Elgin American appealed here from the decision of the Commissioner. In the decision of the Commissioner is the following:

> • • • It would require a very distorted meaning of terms to say that a cake of soap belongs to the same general class as a metal soap box, or that an ounce of perfume has characteristics in common with its ornamental container. Once that be held it would necessarily follow that barrels and beer are of the same descriptive properties; likewise bottles and pickles, crates and eggs, bags and flour, etc. I have found no case that goes to that length, and in the absence of a binding judicial pronouncement to the contrary my own opinion is that no such meaning can properly be read into the language of the statute.

[1] We are not in agreement with the views of the Commissioner that appellant's powder boxes, and powder of the character sold by appellee, are not goods of the same descriptive properties or that the perfume containers sold by appellant are not of the same descriptive properties as the perfume sold by the appellee. The rouge and powder boxes, it seems to us, are of the same descriptive properties as the contents of such boxes.

The Commissioner stated that if it were held that perfumes and soaps were of the same descriptive properties as perfume containers and metal soap boxes, it would necessarily follow that barrels and beer were of the same descriptive properties. We do not mean to hold that every container is of the same descriptive properties as its contents. We would think, however, that considerable confusion might result from the manufacturer of beer kegs selling them under the trade-mark "Budweiser" while the beer itself was also sold as "Budweiser" beer by another. If the trade-mark "EAM" were placed on an ornamental perfume bottle, could there be any doubt that purchasers might assume that the bottle and the perfume had a common origin, or that the bottle contained an "EAM" perfume?

The trade-mark registration act was designed to prevent confusion. The businesses of the parties hereto, obviously, either overlap or in their natural growth and extension will do so. If appellant does not sell refills for its compacts under its trade-mark "EAM", it certainly ought to have the right, being the owner of the mark, to do so without running afoul of confusion which would result from the registration of the mark of the appellee for the uses stated. Appellant's mark, from its long and extensive use, we assume, is a well-known mark. One of the most oft-repeated statements found in court decisions relating to trade-marks is that those who desire to distinguish their goods from the goods of another have a broad field from which to select a trade-mark for their wares. Equally well settled is the rule that doubts, if any, are resolved against the newcomer.

Our conclusion herein reached is amply supported by the decisions of this and other courts. In *California Packing Corp.* v. *Tillman & Bendel, Inc.*, 17 C. C. P. A. (Patents) 1048, 40 F.(2d) 108, 394 O. G. 789; *B. F. Goodrich Co.* v. *Clive E. Hockmeyer et al.*, 17 C. C. P. A. (Patents) 1068, 40 F.(2d) 99, 394 O. G. 795; and in other cases, we have said that the term "merchandise of the same descriptive properties" in section 5 of the trade-mark act of 1905, must be construed in the light of the term "goods of the same class" in the first part of the same section. In determining whether goods are of the same class or are of the same descriptive properties, we said in *B. F. Goodrich Co.* v. *Clive E. Hockmeyer et al.*, supra:

> • • • And, of course, in this connection, the use, appearance, and structure of the articles, the similarity or the lack of similarity of the packages or containers in which, the place or places where, and the people to whom, they were sold should be considered.

It is conceded in the case at bar that the goods

of both parties go to the same class of purchasers and are sold from the same kind of stores. Unquestionably, an article, and a container which is specially designed to hold the article, bear a close relationship to each other and are associated together by purchasers.

[2] The goods being of the same descriptive properties, it remains to be determined whether or not the marks so nearly resemble each other as to be likely to cause confusion or mistake in the mind of the public or to deceive purchasers. Appellee has adopted the first two letters of appellant's mark, and the fact that they happen to be the initials of the first two words in the term "Elizabeth Arden, Inc.", though mentioned by appellee, has not been suggested by anyone as being a material consideration.

In *Crystal Corp., etc.* v. *The Manhattan Chemical Mfg. Co., Inc., etc.*, 22 C. C. P. A. (Patents) 1027, 75 F.(2d) 506, 458 O. G. 665, following other decisions, it was held that confusion was more likely to result from similarity in letter trade-marks than in other kinds. We there said:

> • • • We think it is well known that it is more difficult to remember a series of arbitrarily arranged letters than it is to remember figures, syllables, words or phrases. The difficulty of remembering such lettered marks makes confusion between such marks, when similar, more likely.

There, we held that a "T. Z. L. B." mark was confusingly similar to a "Z. B. T." mark.

In *A. F. Part, Inc. v. Sormani*, 23 C. C. P. A. (Patents) —, 80 F.(2d) 78, it was held that "OMY" was confusingly similar to a mark consisting of the same letters in combination with three human heads.

In *Helen Schy-Man-Ski & Sons* v. *S. S. S. Co.*, 22 C. C. P. A. (Patents) 701, 73 F.(2d) 624, 451 O. G. 237, "S. S. S." was held confusingly similar to S. M. S.

In *Guggenheim* v. *Cantrell & Cochrane, Limited*, 56 App. D. C. 100, 10 F.(2d) 895, 352 O. G. 533, the Court of Appeals of the District of Columbia, in an infringement suit, affirmed a decree of the lower court enjoining the further use of the trade-mark and name "G & G" upon ginger ale, upon the bill of a prior user of the trade-mark "C & C", upon the same product.

It was held in *Cluett, Peabody & Co. (Inc.)* v. *Samuel Hartogensis*, 17 C. C. P. A. (Patents) 1166, 41 F.(2d) 94, 396 O. G. 707, that substantially identical marks used on collar buttons, on the one hand, and collars on the other, were used on goods of the same descriptive properties and that the newcomer's mark should have been cancelled.

In *Noll* v. *Krembs*, 22 C. C. P. A. (Patents) 722, 73 F.(2d) 491, 445 O. G. 503, a medicated textile used for the treatment of the hair and scalp was held to be merchandise of the same descriptive properties as a preparation for coughs and colds.

In *Rotex Surgical Appliance Co.* v. *Kotex Co.*, 18 C. C. P. A. (Patents) 746, 44 F.(2d) 879, 402 O. G. 707, an antiseptic powder for women, on the one hand, and sanitary napkins, on the other, were held to be goods of the same descriptive properties.

In *Kotex Co.* v. *Clarence M. McArthur*, 18 C. C. P. A. (Patents) 787, 45 F.(2d) 256, 404 O. G. 4, we held that there was a likelihood of confusion of origin in the use of the mark "Rotex" on vaginal syringes in view of the prior ownership and registration of the mark "Kotex" for sanitary napkins, the goods upon which the marks were used being of the same descriptive properties.

In *Vick Chemical Co.* v. *Central City Chemical Co.*, 22 C. C. P. A. (Patents) 996, 75 F.(2d) 517, 456 O. G. 505, where the trade-marks "Lix" and "Vick's" were involved, it was held that an insecticide, upon which "Lix" was used, was merchandise of the same descriptive properties as pharmaceutical preparations, namely, medicated salve, nose and throat drops, medicated cough drops, and liver pills, upon which the mark "Vick's" was used.

In *Malone* v. *Horowitz*, 17 C. C. P. A. (Patents) 1252, 41 F.(2d) 414, 399 O. G. 416, we held that "Molo" and "Poro" were confusingly similar marks, "Molo" being applied to a mouth wash, breath purifier, throat gargle, and general antiseptic, and "Poro" being used on hair and toilet goods used in beauty culture, such as body deodorants, cold creams, vanishing creams, shampoos, temple growers, hair growers, etc., and that the marks were used by the parties on goods of the same descriptive properties.

In *Eastman Photographic Materials Co.* v. *Kodak Cycle Co.*, 15 Reports Patent Cases 105, it was held by the English High Court of Justice, Chancery Division, in a much-cited decision, that confusion would result in the sale of bicycles under the term "Kodak" and the sale of cameras under the same name.

The Circuit Court of Appeals for the Third Circuit, in *Wall* v. *Rolls-Royce of America, Inc.*, 4 F.(2d) 333, enjoined the use of the trade-mark "Rolls-Royce" on radio tubes on the ground that purchasers of the tubes might conclude that they originated with the well-known Rolls-Royce manufacturers of automobiles, aeroplanes and parts thereof.

In *L. E. Waterman Co.* v. *Gordon*, 72 F.(2d) 272, the Circuit Court of Appeals for the Second Circuit, held that a trade-mark protects the owner against not only its use upon the articles to which he has applied it, but upon such other goods as might naturally be supposed to come from him, and that the owner of the trade-mark "Waterman's", registered for fountain pens, mechanical pencils, and similar writing instruments, was entitled to enjoin another from selling razor blades under the name "Waterman".

In *Pro-phy-lac-tic Brush Co.* v. *Abraham & Straus*, 11 F. Supp. 660, toothbrushes, and tooth powder, were held to be "so closely associated in the minds of the public that if they should bear the same name a consumer would be justified in concluding that they have the same origin." The court further said:

> Toothbrushes and tooth powder go together. They are sold together. The evidence in this very case alone indicates clearly that this close relation exists between the two. • • •

In *Sun-Maid Raisin Growers of California* v. *American Grocer Company*, 17 C. C. P. A. (Patents) 1034, 40 F.(2d) 116, 395 O. G. 3, flour, on the one hand, and raisins, syrup, and baking powder, on the other, were held to be goods of the same descriptive properties.

In *Aunt Jemima Mills Co.* v. *Rigney & Co.*, 247 Fed. 407, it was held that pancakes and syrup, used with said pancakes, were goods of the same descriptive properties. See also *Marcucci* v. *United Can Co., Inc.*, 278 Fed. 741.

The above-cited authorities would seem to make it clear that rouge boxes and rouge, face powder boxes and face powder, and perfume bottles and perfume, when sold as is above stated, are all goods of the same descriptive properties, and that confusion would likely result as to their origin if identical or similar trade-marks were used as appellee suggests.

Appellee relies on the case of *American Tobacco Co., Inc.* v. *Gordon*, 56 App. D. C. 81, 10 F.(2d) 646, 342 O. G. 510. There, the Court of Appeals of the District of Columbia held cigarettes and cigarette holders not to be goods of the same descriptive properties. It is stated by appellee that this decision has never been reversed. We discussed that case in *California Packing Corp.* v. *Tillman and Bendel*, supra. It is not in harmony with most of the decisions of that court, subsequently handed down, and it certainly is not in harmony with the decisions of this court.

It is our view that the goods are of the same descriptive properties, although there is a difference in them, and that the marks, although slightly different, bear sufficient similarity to each other, that confusion would result from their concurrent use on the goods of the respective parties.

See *Elgin American Manufacturing Co.* v. *Elizabeth Arden, Inc.*, 23 C. C. P. A. (Patents) —, 83 F.(2d) 687, (Patent Appeal No. 3637), decided concurrently herewith.

The decision of the Commissioner of Patents is reversed.

Reversed.

GARRETT, *J.*, (dissenting):

I think the decision of the Commissioner of Patents sustaining the decision of the Examiner of Interferences should be affirmed.

First, I agree with the Commissioner upon a point which the Examiner did not adjudicate; namely, the lack of deceptive similarity between the opposing marks. Since reproductions of the marks appear in the majority opinion and may be there seen, it is unnecessary here to describe them verbally, nor shall I dwell further upon this phase of the controversy.

Second, I am unable to concur in the holding that appellant's metal containers are of the same descriptive properties, or even of the same class, as appellee's rouge, sun-tan oil, talcum powder, perfumes and bath salts. It seems to me that a mere statement of what the goods of the respective parties are carries refutation of the idea that they are of the same descriptive properties.

The facts should be clearly understood. Upon the record in this case appellant's mark "EAM" may be taken as indicating origin with it of the metal containers which it manufactures and sells, but it does not indicate origin with appellant of the substances which at times it may put into those containers either before the containers are sold or for use as "refills," because it is not shown ever to have used the mark upon those substances. On the other hand, appellee's mark "EA" indicates origin with it of the substances described but not of the containers in which such substances are packed.

I agree that the record in the case is, as stated in the majority opinion, "very indefinite and confusing." It is greatly to be regretted that a decision, which I apprehend is to have far-reaching consequences as a precedent as well as affecting the rights of the immediate parties to the case, should have to be rendered upon such a record.

It may be added that, as pointed out in the decision of the Commissioner, the burden here rested upon the opposer (appellant) to show a state of facts justifying the opposition and any doubt created by the record itself or by the absence from it of material evidence, should be resolved against appellant.

Had appellant shown use of its mark on the substances with which its containers are filled or refilled, we should, of course, have an entirely different question, but no such showing was made and the majority opinion does not so intimate. The majority decision rests squarely upon the finding that the containers and the substances which they contain are of the same descriptive properties.

To what ends the decision logically followed may lead in the administration of the trade-mark registration law, I confess I am unable to foresee, and speculation concerning it is useless. I do not regard any of the authorities cited by the majority as being apposite, and I shall not attempt to review them in detail.

The case of *B. F. Goodrich Co.* v. *Clive E. Hockmeyer et al.*, 17 C. C. P. A. (Patents) 1068, 40 F.(2d) 99, 394 O. G. 795, is cited and from it is quoted a rule for guidance "In determining whether goods are of the same class or are of the same descriptive properties." I repeat the quotation:

> • • • And, of course, in this connection, the use, appearance, and structure of the articles, the similarity or the lack of similarity of the packages or containers in which, the place or places where, and the people to whom, they were sold should be considered.

Accepting the rule as sound, it does not seem to me to be applicable in the case at bar. Certainly rouge, sun-tan oil, talcum powder, perfume and bath salts cannot be said to have the same use, appearance, or structure as metal receptacles in which they may be contained, and I am not able to see how a deduction of similarity properly may be drawn from the mere fact that sales of the respective articles, differing in such material respects, are made in the same establishment and often to the same purchasers or classes of purchasers.

Without discussing numerous of the other cited cases in detail, it seems sufficient to say that in none of them do I find any intimation that the containers of goods are of the same descriptive properties as the goods themselves.

Some of the cases cited are decisions of courts other than this court, involving the question of unfair competition, and do not seem to me to be pertinent to the facts of this case where our concern is limited to the statutory right of registration. It is scarcely necessary to say that almost any registered trade-mark could be used by its owner in such a manner as unfairly to compete with the business of another. In cases where marks are so used equity grants relief, but this does not affect the purely statutory right of registration. Broadly speaking, registration is one thing and use is another.

I deem it proper to refer specifically to the case of *American Tobacco Co., Inc.*, v. *Gordon*, 56 App. D. C. 81, 10 F.(2d) 646, 342 O. G. 510, relied upon by appellee, in view of the expressions concerning it in the majority opinion. As I understand those expressions, the implication is that the decision in that case, in effect, has been overruled by subsequent decisions of this court. I had not so thought, but, assuming that it has been overruled, either directly or by implication, I still do not feel that such action should affect our decision here. Cigarettes, and holders used in smoking them, were there held not to be goods of the same descriptive properties. Conceding that there is such an association of cigarettes and cigarette holders in actual use as to justify a holding to the contrary, that does not seem to me to have any particular bearing upon the merits of this case.

In the expression, "The trade-mark registration act was designed to prevent confusion," the majority opinion restates a thought often expressed by this court. I quite agree to its correctness when the expression is properly limited and applied, but I am unable to see where it has any application here. The expression "merchandise of the same descriptive properties" is inextricably interwoven with the matter of confusion by the language of the statute. Simply applying the same mark to different articles of merchandise wholly dissimilar in their nature, characteristics, appearance and use, does not render them of the same descriptive properties. That makes the mark the test of characteristics. I had supposed that to be determinable only from the per se nature of the articles.

It is said in the majority opinion:

> • • • The businesses of the parties hereto, obviously, either overlap or in their natural growth and extension will do so. If appellant does not sell refills for its compacts under its trade-mark "EAM", it certainly ought to have the right, being the owner of the mark, to do so without running afoul of confusion which would result from the registration of the mark of the appellee for the uses stated. • • •

Authorities need not be cited to support the proposition that trade-marks are not owned as independent entities. They are owned only in connection with the articles to which they are applied. There is nothing in the record to show that appellant has ever applied "EAM" to rouge, sun-tan oil, talcum powder, perfumes and bath salts.

It may be conceded that appellant has the right to enter the cosmetic field if it chooses so to do, and make and sell, or purchase from other manufacturers and sell, the articles in which appellee deals. So far as I know, it might go into the canning business or the wholesale grocery business with entire freedom and propriety, and so expand its activities, but such expansion of its business would not be that expansion which I understand to be comprehended within the decisions respecting the right to extend the use of a trade-mark to new articles dealt in or produced.

It seems to me that in expanding its business appellant must, so far as any trade-mark rights are concerned, do so in a manner consistent with the rights of appellee, and, even assuming the respective marks to be deceptively similar, as held by the majority, appellee's right to register "EA" for use upon the merchandise described is superior to appellant's right in "EAM" for the same or similar merchandise, upon the showing made in this record. In extending its business to cosmetics, appellant invaded the field of appellee and of the two it was the later entrant into that field. Appellant is not entitled to be shielded from "running afoul of confusion" when it itself creates the confusion.

U. S. Court of Customs and Patent Appeals

IN RE GUASTAVINO

No. 3,638. Decided June 1, 1936

[83 F.(2d) 913]

REISSUES—INADVERTENCE, ACCIDENT OR MISTAKE—CLAIMS CANCELLED FROM ORIGINAL APPLICATION.

Claims copied in a reissue application from a patent granted on a copending application of another party *Held* properly rejected since they differ only in phraseology from claims cancelled in the original application and even if it was a mistake on the part of the Examiner not to have suggested claims to appellant from the application of the other party, it was not a mistake of the character comprehended by the terms "inadvertence, accident or mistake" of section 4916 R. S. (U. S. C., title 35, sec. 64.)

APPEAL from the Patent Office. Affirmed.

Mr. D. P. Wolhaupter and *Mr. Emory L. Groff* for Guastavino.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

GARRETT, *J.:*

On January 17, 1929, appellant filed an application in the United States Patent Office entitled, "Acoustical product." The application matured into Patent 1,917,112, issued July 4, 1933. During its prosecution the application was several times amended, many claims being cancelled. As issued, the patent contains only two claims.

On March 14, 1934, appellant filed application for a reissue of his patent into which application he copied six claims from a patent, No. 1,929,425, issued October 10, 1933, to Earnest T. Hermann upon an application filed by the latter July 14, 1930, the purpose being to secure an interference proceeding between the two patents. The Hermann patent is entitled "Sound absorbing material and method of making the same."

Two of the claims copied by appellant were method claims. There was no appeal to the Board of Appeals from the Examiner's rejection of those two claims, and, as of course, they are not included in the appeal to us. So, although they are quoted along with the other claims in the brief on behalf of appellant, and seemingly included in his argument, they are not before us for adjudication.

The Examiner rejected the four claims which are before us upon the ground of estoppel, it being held by him that they are substantially the same in scope as claims which the appellant had cancelled in response to rejection of them on prior art. The Board of Appeals affirmed the Examiner's rejection upon the ground of estoppel and appellant took the instant appeal to this court.

Claim 3 is illustrative of the subject matter:

> 3. A sound-absorbent material comprising mineral particles bonded together by a ceramic bonding structure, said bonding structure being present only in sufficient amount to coat the surfaces of the particles and to form bonds between adjacent particles at the points of contact thereof while leaving the major portion of the voids between the particles free and unobstructed.

It is asserted on behalf of appellant, and the record sustains the assertion, that his original application and the application of Hermann, while relating to the same subject matter, were referred to different divisions of the Patent Office and prosecuted before different Examiners. As a result of this, it is said, the similarity of the subject matter of the applications probably was not discovered in the Patent Office, and appellant's first information concerning Hermann's application was obtained when the patent to Hermann issued some three months after appellant had received his patent.

The record discloses that the application of Hermann was passed for issue January 12, 1933, with notice of allowance by the Commissioner of Patents on January 13, 1933, and it is contended on behalf of appellant that, by the provisions of Patent Office rule 96, predicated upon section 4904 R. S., 35 U. S. C. 52, it was mandatory upon the Examiner, the Hermann application being ready for allowance, to declare an interference between it and appellant's pending application and that the failure so to do was a "mistake" which entitled appellant to proceed under section 4916 R. S., 35 U. S. C. 64, reading:

> Sec. 4916. Whenever any patent is wholly or partly inoperative or invalid, by reason of a defective or insufficient specification, or by reason of the patentee claiming as his own invention or discovery more than he had a right to claim as new, if the error has arisen by inadvertence, accident, or mistake, and without any fraudulent or deceptive intention, the Commissioner shall, on the surrender of such patent and the payment of the duty required by law, cause a patent for the same invention, and in accordance with the corrected specification, to be reissued to the patentee or to his assigns or legal representatives, for the unexpired part of the term of the original patent. • • •

It is thus to be seen that appellant's claim for reissue of his patent is predicated primarily upon his alleged right to have had an interference between himself and Hermann.

Appellant places great reliance upon a decision of the Supreme Court of the United States, rendered

in December, 1868, in the case of *Morey* v. *Lockwood*, 75 U. S. 230. The case was an infringement proceeding which arose under the following state of facts:

Two brothers by the name of Davidson applied for and received a patent for a syringe, dated March 31, 1857, which patent they subsequently assigned to Lockwood. During the prosecution of the application in the Patent Office objection was made by the Commissioner to a certain feature of a claim on the ground that such feature was anticipated by the prior art. The Davidsons acquiesced in the objection and submitted a new and restricted claim upon which the patent issued. Subsequently, however, according to the statement of facts accompanying the Supreme Court's decision, "it was discovered by the patentees, or their assignee, and also by the Commissioner himself," that the art upon which the original claim was rejected "furnished no legal objection" to it, and the assignee, upon surrender of the patent, was, on April 25, 1865, granted a reissue with an amended specification and a claim in the form of the original. It was contended on behalf of Morey, who was charged with infringement, that the reissue was without authority of law because "The original patent was neither 'inoperative nor invalid,' nor was the specification 'defective or insufficient.'" The Supreme Court sustained the validity of the reissued patent, saying:

> • • • We do not doubt that the Commissioner had full authority to grant the amendment; and, under the special circumstances of the case, it would seem to have been a duty, as the inventors were led into the error by himself, as may be seen from his letter when the patent was originally granted.

The distinction between the foregoing case and the case at bar is obvious. In the former no interference question was involved. All proceedings there, up to and including the reissued patent, were had in the Patent Office. It was discovered by the parties in interest and by the Commissioner that a mistake had occurred with respect to the subject matter of a claim and the mistake was corrected by the Commissioner, without the intervention of any court.

Appellant here does not seem to have proceeded upon the theory of a mistake on the part of the Examiner in rejecting the subsequently cancelled claims upon prior art, or that he was led into error as were the Davidsons in the *Morey* v. *Lockwood* case, *supra*. The alleged mistake upon which appellant relies is simply that of the failure to declare an interference.

Even were the question of whether there was a mistake upon the part of the Examiner in rejecting the claims that were cancelled before us, which it is not, we would be unable to determine the issue upon the record presented. The claims are in the record but the art which the Examiner thought anticipatory is not. The only matter of record from which even an inference of error on the part of the Examiner who passed upon appellant's original application, in rejecting claims upon prior art, could be drawn is the act of another Examiner in allowing claims, differently worded but said to re-

late to the same subject matter, to Hermann. Assuredly, no court would be justified in drawing such an inference from this circumstance standing alone. Assuming one of the Examiners to have erred, we are unable to determine which. Appellant by cancelling the claims when he might have appealed, in effect conceded that the Examiner of his application was right.

At the time the Hermann application became ready for allowance* (it having been the first of the two applications to become ready), January 12, 1933, the claims which are held to be substantially the same as the claims of appellant here at issue stood cancelled, they having been cancelled November 5, 1930. So, even had the Examiner in charge of the Hermann application had knowledge of appellant's application on January 12, 1933, which all parties hereto assume he did not have, it might well be questioned whether the claims of the two applications were such as to require declaration of an interference. The Board of Appeals, however, seems to have acquiesced in appellant's contention that the Examiner's failure was a mistake, but held it not to be one entitling appellant to a reissue.

*The pertinent portion of R. S. 4904, 35 U. S. C. 52, reads:

Sec. 4904. Whenever an application is made for a patent which, in the opinion of the Commissioner, would interfere with any pending application, or with any unexpired patent, he shall give notice thereof to the applicants, or applicant and patentee, as the case may be, and shall direct the Primary Examiner to proceed to determine the question of priority of invention. * * *

Rule 96 of the Patent Office, as it read at the time the respective applications herein mentioned were being prosecuted, provided:

Whenever the claims of two or more applications differ in phraseology, but relate to substantially the same patentable subject matter, the Examiner, *when one of the applications is ready for allowance*, shall suggest to the parties such claims as are necessary to cover the common invention in substantially the same language. * * *

[The italicized phrase is no longer a part of the rule.]

Under the view which we take of the case, it is unnecessary for us to pass upon the question of whether it was a mistake on the part of the Examiner not to suggest claims and declare an interference. Assuming, without holding, this to have been true, we do not think it was a mistake of the character comprehended by the terms "inadvertence, accident, or mistake" in the connection in which they are used in R. S. 4916, supra.

It is accordingly held that no right to a reissue of appellant's patent may be predicated upon the failure to declare an interference.

Entirely independent of the interference phase of the controversy, however, appellant is entitled, under certain of his assignments of error, to a review of that part of the decision below holding the claims to be substantially the same as the claims which were cancelled, since, assuming the claims to be supported by his disclosure, if they are *not* substantially the same, and the conditions of the reissue statute are met, he might be entitled to obtain them by reissue. *In re Crowell* (Appeal No. 3594), 23 C. C. P. A. (Patents) 859, 81 F.(2d) 402, with cases cited. If they be substantially the same, the doctrine of estoppel applies and he is not entitled to receive them. *In re Murray, Jr.*, 20 C. C. P. A. (Patents) 1046, 64 F.(2d) 788; *In re Crowell* (Appeal No. 3524), 23 C. C. P. A. (Patents) —, 79 F.(2d) 746.

It is quite earnestly urged on behalf of appellant, that the appealed claims are not substantially the same, claim 6 being especially stressed as showing material differences. We quote claim 6, placing emphasis upon the features which appellant emphasizes:

6. A sound absorbing material comprising *a shaped body* consisting of *mineral particles* firmly bonded together by a fused bonding structure *formed in place* by the action of heat *on fusible ceramic material* and confined substantially *wholly* to the surfaces of the particles and *the junctures* therebetween, said body being provided substantially throughout with extensively intercommunicating voids between the particles thus coated and bonded together.

Two of the claims cancelled from appellant's original application which the Examiner cites as being substantially of the same scope as the appealed claims were Nos. 7 and 10. These read:

7. A colored ceramic acoustical material consisting of particles of body material means uniting said particles of material [* * *] at their points of contact only, and * * * coloring element whose color is developed by the firing of the material.

10. A sound absorbing wall or ceiling, including a ceramic acoustical material composed of stony or ceramic particles bonded together at their points of contact only by a fluxing material forming a body having an exposed finished face and provided throughout with intercommunicating pores which openly penetrate said exposed finished face.

When appealed claim 6 and the other appealed claims are compared with cancelled claims 7 and 10, and the language of each claim carefully studied, we think no differences of a material nature appear. Under any fair construction of the cancelled claims, it seems clear to us that every limitation in the appealed claims is inherent in and is expressed, although in slightly different phraseology, in the cancelled claims. There are no differences in meaning, and we have here no situation similar to that which existed in the *In re Crowell* case (Appeal No. 3594), first cited supra. Rather the situation is similar to that of the other *In re Crowell* case (Appeal No. 3524), also cited supra.

We find no error in the decision of the Board of Appeals and the same is affirmed.

Affirmed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,340,889, T. T. Gray, Process for treating petroleum hydrocarbons; 1,759,812, same, Method for purifying hydrocarbon compounds; 1,759,813, same, Process and apparatus for treating hydrocarbons; 1,759,814, same, Refining of hydrocarbons; 1,862,507, same, Treatment of hydrocarbons; 1,908,599, same, Refining process; 1,952,855, same, Method of purifying hydrocarbon compounds; 2,017,860, G. N. Harcourt, Process and apparatus for producing light hydrocarbons; 1,624,692, H. Thomas, Process of manufacturing gasoline; 1,930,453, J. W. Brown, Process of manufacturing gasoline, filed Sept. 8, 1936, D. C. Okla. (Muskogee), Doc. E 4704, *The Gray Processes Corp.* v. *Rock Island Refining Co.*

1,359,880, C. Dunn, Self filling fountain pen, D. C., S. D. N. Y., Doc. E 83/231, *M. B. Swanholm* v. *R. H. Macy & Co., Inc.* Consent order of discontinuance (notice Sept. 8, 1936.

1,392,629, 1,890,974, C. P. Dubbs, Process for converting hydrocarbons; 1,537,593, G. Egloff, Process for cracking oil, filed Sept. 9, 1936, D. C. Kans., 2d. Div., Doc. 960–N (formerly 3d Div.), *Universal Oil Products Co.* v. *National Refining Co.*

1,403,475, H. D. Arnold, Vacuum tube circuit; 1,403,932, R. H. Wilson, Electron discharge device; 1,507,016, L. de Forest, Radio signaling system; 1,507,017, same, Wireless telegraph and telephone system; 1,618,017, F. Lowenstein, Wireless telegraph apparatus; 1,702,833, W. S. Lemon, Electrical condenser; 1,811,095, H. J. Round, Thermionic amplifier and detector; Re. 18,579, Ballantine & Hull, Demodulator and method of demodulation, D. C., S. D. Calif. (Los Angeles), Doc. E 892–Y, *Radio Corp. of America et al.* v. *R. A. Cottrell.* Decree pro confesso holding patents valid and infringed, injunction Sept. 8, 1936.

1,403,932. (See 1,403,475.)

1,410,662, C. Even, License plate, filed Sept. 11, 1936, D. C. S. D. Calif. (Los Angeles), Doc. E 1010–S, *L. E. Stark* v. *Kelly Kar Co.*

1,411,376, R. B. Respess, Process of making a leather substitute, C. C. A., 2d Cir., Doc. 14608, *Respro, Inc.*, v. *Star Backing Co., Inc., et al.* Decree affirmed (notice Sept. 11, 1936).

1,414,112, M. B. Capen, Cart, filed Sept. 15, 1936, D. C., E. D. Mich. (Detroit), Doc. 7684, *M. B. Capen* v. *A. Backus, Jr., & Sons.*

1,433,901, S. Marcus, Artificial eyes for dolls and display figures; Re. 18,332, same, Doll eyes, appeal filed Sept. 9, 1936, C. C. A., 2d Cir., Doc. 14953, *Margon Corp.* v. *E. Goldgerger.*

1,475,980. (See 1,593,791.)

1,489,833, G. M. Keller, Method of operating upon printed webs, D. C., W. D. N. Y., Doc. 2063, *G. M. Keller* v. *American Sales Book Co., Inc.* Dismissed Sept. 9, 1936.

1,507,016, L. de Forest, Radio signaling system; 1,507,017, same, Wireless telegraph and telephone system, D. C., S. D. Calif. (Los Angeles), Doc. E 967–Y, *Radio Corp. of America et al.* v. *El-Rey Radio Mfg. Co. et al.* Patent held valid and infringed, injunction Sept. 8, 1936.

1,507,016. (See 1,403,475.)

1,507,017. (See 1,507,016 and 1,403,475.)

1,537,593. (See 1,392,629.)

1,573,374, P. A. Chamberlain, Radio condenser; 1,707,617, 1,795,214, E. W. Kellogg, Sound reproducing apparatus; 1,894,197, Rice & Kellogg, same; 1,728,879, same, Amplifying system, D. C., S. D. Calif. (Los Angeles), Doc. E 893–C, *Radio Corp. of America et al.* v. *R. A. Cottrell.* Decree pro confesso, holding patents valid and infringed, injunction Sept. 8, 1936.

1,580,108, D. E. Anderson, Rail frog; 1,740,720, same, Method of producing fillers for railroad frogs; 1,760,465, same, Frog point, filed Sept. 10, 1936, D. C. Minn., 4th Div., Doc. E 2942, *D. E. Anderson et al.* (*De Andy Bevel Point Frog Co.*) v. *Chicago, Milwaukee, St. Paul & Pacific Railroad Co.*

1,593,791, C. G. Butler, Lubricating apparatus; 1,475,980, O. Zerk, same, filed Sept. 8, 1936, D. C., S. D. Calif. (Los Angeles), Doc. E 1009–M, *Stewart-Warner Corp.* v. *New England Screw Machine Co. et al.*

1,618,017. (See 1,403,475.) 1,624,692. (See 1,340,889.)

1,702,833. (See 1,403,475.) 1,707,617. (See 1,573,374.)

1,728,879. (See 1,573,374.) 1,740,720. (See 1,580,108.)

1,741,103, I. J. Owen, Carpet sweeper, filed Aug. 3, 1936, D. C., S. D. Ind. (Indianapolis), Doc. E 1848, *Bissell Carpet Sweeper Co.* v. *Porter Steel Specialties.*

1,759,812. (See 1,340,889.) 1,759,813. (See 1,340,889.)

1,759,814. (See 1,340,889.) 1,760,465. (See 1,580,108.)

1,795,214. (See 1,573,374.) 1,811,095. (See 1,403,475.)

1,827,532, Marlow & Marlow, Bell housing support, filed Sept. 11, 1936, D. C., E. D. N. Y., Doc. E 8046, *Pee-Chee Mfg. Co., Inc., et al.* v. *Esmco Auto Products Corp.*

1,843,748, R. Adler, Anti-washout device for roadways, C. C. A. 8th Cir. (St. Louis), Doc. 10610, *R. K. Tyra (et al.)* v. *R. Adler.* Decree affirmed Sept. 10, 1936.

1,862,507. (See 1,340,889.)

1,889,166, M. Widerman, Hair waving device, filed Sept. 11, 1936, D. C., S. D. N. Y., Doc. E 8045, *Mervin Wave Clip Co., Inc.*, v. *A. M. Herschensohn et al.*

1,890,173, H. K. Baker, Manufacture of expanded metal; 1,890,276, same, Apparatus for the manufacture of expanded metal, filed June 30, 1936, D. C., S. D. Ind. (Indianapolis), Doc. 1845, *Penn Metal Co.* v. *Kokomo Steel Products Co. et al.*

1,890,276. (See 1,890,173.) 1,890,974. (See 1,392,629.)

1,894,197. (See 1,573,374.)

1,903,559, W. Shakespeare, Jr., Fishing reel, D. C. Minn., 4th Div., Doc. E 2892, *Shakespeare Co.* v. *Perrine Mfg. Co. et al.* Dismissed for want of equity Sept. 12, 1936.

1,908,599. (See 1,340,889.) 1,930,453. (See 1,340,889.)

1,952,855. (See 1,340,889.)

1,956,613, Corn & Hyatt, Heat transfer facilities in ice-cream freezer, D. C., W. D. Tex. (Waco), Doc. E 282, *Tuthill Pump Co.* v. *J. G. Vlahakas et al.* Dismissed Sept. 10, 1936.

1,964,612. (See Re. 19,373.)

1,981,765, S. L. Weiss, Vaporizer, filed Sept. 15, 1936, D. C., S. D. N. Y., Doc. E 83/358, *S. L. Weiss* v. *The De Vilbiss Co.*

2,017,860. (See 1,340,889.)

2,040,369, W. H. Fischer, Electrical appliance; Des. 96,481, A. S. Knapp, Combined sandwich toaster and tray, filed Sept. 10, 1936, D. C., N. D. Ohio, E. Div., Doc. 5507, *Knapp-Monarch Co.* v, *Forestek Plating & Mfg. Co.*

Re. 18,332. (See 1,433,901.)

Re. 18,579. (See 1,403,475.)

Re. 19,373, C. H. Wetzel, Folding grandstand, D. C., E. D. N. Y., Doc. E 7788, *Wayne Iron Works* v. *B. M. Layburn et al.* Consent decree for defendant Sept. 9, 1936.

Des. 76,293, J. Evans, Dipping spoon, D. C., N. D. Ohio, E. Div., Doc. 5316, *J. Evans* v. *The Isaly Dairy Co. et al.* Dismissed Sept. 9, 1936.

Des. 82,525, J. Schulman, Fender, appeal filed Sept. 10, 1936, C. C. A., 2d Cir., Doc. 14957, *J. Schulman* v. *Graham Motors, Inc.*

Des. 96,481. (See 2,040,369.)

Changes in Classification

Order No. 3374, October 20, 1936, directs:

In *class 40, Card, Picture, and Sign Exhibiting* (Division 35), establish the following subclass and definition:

Signs

127.1 Skywriting.

127.1. Devices and systems for producing intelligible signs in the air by means of smoke or luminous material.

The patents contained in this subclass have been taken for the most part from class 244, Aeronautics, subclass 1, abolished in this order.

In *class 60, Power Plants* (Division 18), establish the following subclasses and definitions:

35.5 **Reaction motors**

35.6 Combustion products.

35.5. Motors, usually adapted to be used in a moving vehicle (land, air, or water), moved by the reaction caused by the discharge of the motive fluid into the surrounding medium. The motive fluid, which may be a liquid or a gas, is discharged at a high velocity through a nozzle or passage directed in a direction opposite to that in which the motor moves.

Note.—Combinations of such motors with vehicles, such as water, land, or air vehicles, are classified in the appropriate vehicle class.

35.6. Reaction motors as defined in subclass 35.5 in which the motive fluid consists of combustion products.

The patents contained in these subclasses have been taken for the most part from class 244, Aeronautics, subclass 18, abolished in this order.

In *class 89, Ordnance* (Division 22), establish the following subclasses and definitions:

1.5 Bomb, flare, and signal dropping.
Mounts
37.5 Airplane.

1.5. Devices for holding and releasing bombs, flares, and signals from aircraft.
Note.—For trip devices in general, see class 74, MACHINE ELEMENTS AND MECHANISMS, subclass 2.

37.5. Gun-supporting devices particularly adapted for use on aircraft.

The patents contained in subclass 1.5 have been taken for the most part from class 244, Aeronautics, subclass 1, abolished in this order, and those contained in subclass 37.5 have been taken for the most part from various subclasses abolished in this order in class 244, Aeronautics.

In *class 170, Motors, Fluid Current* (Division 9), establish the following subclasses and definitions:

Impellers
135.5 With motor
135.6 Adjustable impeller.

135.5. Impellers combined with driving mechanism.
(1) Note.—For gearing per se used in such combinations, see class 74, Machine Elements and Mechanisms, appropriate subclasses.
(2) Note.—For the combination of fan with motor, see class 230, Gas Pumps and Fans, subclass 258.

135.6. Combinations of impeller with driving mechanism in which the impeller is adjustable.
Note.—For impellers per se, adjustable in various ways, see this class, appropriate subclasses.

The patents contained in these subclasses have been taken for the most part from class 244, Aeronautics, subclass 25, abolished in this order.

In *class 170, Motors, Fluid Current* (Division 9), add to the definition of subclass 160 the following note:

Note.—For adjustable impeller devices combined with driving mechanism, see this class, subclass 135.6.

In *class 74, Machine Elements and Mechanisms* (Division 12), add to the definition of subclass 2 the following note:

Search Class—
89—ORDNANCE, subclass 1.5, for trip devices associated with bomb, flare, and signal dropping devices.

In *class 227, Fire Escapes* (Division 4), abolish the following subclass, with its definition:

48 Parachutes.

The patents formerly contained in this subclass have been placed for the most part in class 244, Aeronautics, subclasses 142–152, established in this order.

In *class 227, Fire Escapes* (Division 4), add to the class definition the following notes:

(5) Note.—For parachutes, see class 244, AERONAUTICS, subclass 142, and indented subclasses, and class 46, AMUSEMENT DEVICES, TOYS, subclass 86.
(6) Note.—For umbrellas, see class 135, TENTS, CANOPIES, UMBRELLAS, AND CANES, subclasses 16 and 20, and indented subclasses.

In *class 244, Aeronautics* (Division 22), abolish the existing subclass titles and definitions and establish in lieu thereof the subclasses now being printed for insertion in the Manual of Classification, and definitions which will appear in Bulletin 71.

(Copies of the subclass lists and of the definitions may be seen in the Search Room and in the Classification Division, Room 3623, pending publication.)

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,943,658, B. M. Dyckma, Manufacture of beaded fabric, decided October 17, 1936, claims 1 and 2.

Pat. 1,953,756, S. W. Hennessey and F. W. Kartcheske, Advertising sign, decided September 24, 1936, claims 1, 2, 4, and 5.

Pat. 2,005,122, F. J. Young and S. W. Long, Power transmission unit, decided October 14, 1936, claims 15, 16, 17, 18, 19, and 20.

Interference Notice

U. S. PATENT OFFICE, *Washington, Oct. 6, 1936.*

George Berkeley Reed, his assigns or legal representatives, take notice:

An interference having been declared by this Office between Patent No. 1,970,625, granted August 21, 1934, to George Berkeley Reed, 154 Henry St., Brooklyn, N. Y., and the application for patent of Ernest Hopkinson, 1790 Broadway, New York, N. Y., and a notice of such declaration sent by registered mail to said Reed at the said address having been returned by the post office as undeliverable and remailed to him % Veterans Hospital, Coatesville, Pa., and again returned, notice is hereby given that unless said Reed, his assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

LESLIE FRAZER,
Assistant Commissioner.

Notice of Cancellation

U. S. PATENT OFFICE, *Washington, Oct. 12, 1936.*

James T. Lyons, his assigns or legal representatives take notice:

An application for cancellation having been filed in this Office by Carman & Co. Inc., 629 West 27th Street, New York, N. Y., to effect the cancellation of trade-mark registration of James T. Lyons, doing business as Lyons Chemical Works, 3021 Archer Avenue, Chicago, Ill., No. 163,440, dated January 9, 1923, and the notice of such proceeding sent by registered mail to the said James T. Lyons at the said address having been returned by the post office undeliverable, notice is hereby given that unless said James T. Lyons, his assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order the cancellation will be proceeded with as in the case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

TRADE-MARKS

OFFICIAL GAZETTE, NOVEMBER 3, 1936

[VOL. 472. No. 1]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly-Prepared Materials

Ser. No. 378,997. FRANK HERSHKOVITZ & GOTTLIEB, INC., New York, N. Y. Filed May 28, 1936.

Samari

For Fur Skins.
Claims use since Apr. 11, 1936.

Ser. No. 379,642. THE SOCIETÀ ANONIMA SNIA-VISCOSA, SOCIETÀ NAZIONALE INDUSTRIA APPLICAZIONI VISCOSA, Turin, Italy. Filed June 12, 1936.

SUPERLENA

For Artificial Textile Fibers in Staples, Having Opaque Appearance.
Claims use since Nov. 11, 1935.

Serial No. 380,012. MENDELBLATT & GOLDSTEIN, New York, N. Y. Filed June 20, 1936.



For Raw, Treated, and Dyed Fur Skins, and Parts Thereof.
Claims use since May 1, 1936.

Ser. No. 382,403. VEREINIGTE GUMMIWAREN-FABRIKEN WIMPASSING VORMALS MENIER-J. N. REITHOFFER, Vienna, Austria. Filed Aug. 20, 1936.

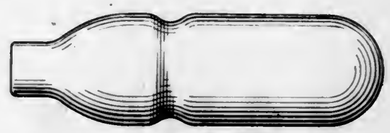
Matador

For Rubber Sponges.
Claims use since June 8, 1918.

CLASS 2

Receptacles

Ser. No. 381,732. SPARKLETS CORPORATION, New York, N. Y. Filed Aug. 1, 1936.



Trade-mark consists of a groove or depressed band.
For Bulbs or Capsules for Containing Compressed or Liquefied Gas.
Claims use since June, 1935.

CLASS 3

Baggage, Animal Equipments, Portfolios, and Pocketbooks

Ser. No. 382,423. CARSON PIRIE SCOTT AND COMPANY, Chicago, Ill. Filed Aug. 21, 1936.

Varsity

For Hand Traveling Bags, Ladies' Overnight Traveling Cases, Luggage Carrying Cases, and Trunks.
Claims use since Sept. 5, 1935.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 377,189. THE MENNEN COMPANY, Newark, N. J. Filed Apr. 14, 1936.



All wording except "Mennen" and "The Mennen Company" is disclaimed apart from the mark shown. One portrait is that of Gerhard Mennen, deceased, and the other is that of Raymond de Conanck. The colors blue, white, and yellow are claimed as features of the mark, no claim being made to the representation of the carton per se.

For Soap.

Claims use since Mar. 10, 1929.

Ser. No. 382,150. MURRAY J. BLISS, doing business as Glass-Glow Company, Indianapolis, Ind. Filed Aug. 14, 1936.

VANEX

For Liquid Preparation for Cleaning and Polishing Glass and Glass Surfaces, Especially Automobile Windshields and Window Glass, Window Lights in General, Chromium Plated Surfaces.

Claims use since June 27, 1936.

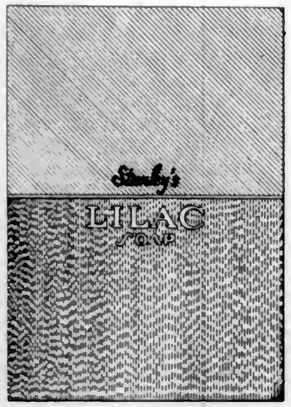
Ser. No. 382,375. JOHN T. STANLEY CO. INC., New York, N. Y. Filed Aug. 25, 1936.

BULL DOG

For Soap.

Claims use since 1893.

Ser. No. 382,576. JOHN T. STANLEY CO. INC., New York, N. Y. Filed Aug. 25, 1936.



The drawing is lined for green and purple, no claim being made to the outline of the label nor to the words "Lilac Soap" apart from the mark as shown.

For Soap.

Claims use since 1875.

Ser. No. 382,658. D. A. COLLINS MFG. CO., INC., Brooklyn, N. Y. Filed Aug. 28, 1936.

KLEERPANE

For Window Cleaning Preparations.

Claims use since October, 1935.

Ser. No. 383,158. J. JAY BICKEL, doing business as Master Shaving Cream Co., Minneapolis, Minn. Filed Sept. 12, 1936.

BOJAY

For Shaving Cream.

Claims use since June 10, 1932.

CLASS 5

Adhesives

Ser. No. 382,789. EARLE J. DE GOLIER, doing business as Neverslip Dressing Company, Bradford, Pa. Filed Sept. 1, 1936.



The words "Neverslip Rug Dressing" are disclaimed apart from the mark.

For Dressing to be Applied to Rugs to Prevent the Same from Slipping on Floors.

Claims use since September, 1935.

Ser. No. 382,955. I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-the-Main, Germany. Filed Sept. 5, 1936.

Polystal

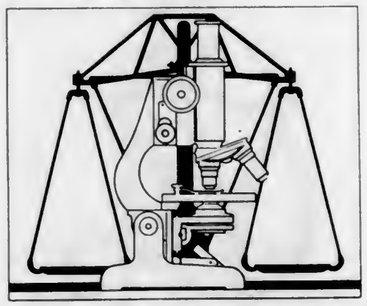
For Artificial Resin-Containing Adhesives in the Form of Films, Powders, and Solutions.

Claims use since December, 1935.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 373,443. JEROME W. EPHRAIM, INC., New York, N. Y. Filed Jan. 8, 1936.



For Dentifrices, Dental Powders, and Dental Creams; Lotions, Ointments, Creams, Jellies, Salves, and Powders for the Skin, Hair, and Scalp; Indigestion, Catarrhal, and Headache Preparations; Antiseptics; Disinfectants, Anodynes, Analgesics, Deodorants, Facial Make-up Preparations, Hair Dyes, Nail Polish, Cuticle Remover, Toilet Waters, and Hair Groom Preparations.

Claims use since Nov. 20, 1935.

Ser. No. 378,695. EUGENE A. GATTERDAM, doing business as Allergy Clinic, Phoenix, Ariz. Filed May 21, 1936.

ORAL-POL

The expression "Oral" apart from the mark shown is disclaimed.

For Medicinal Preparation in Liquid, Capsule, Tablet, and Powder Form for the Oral Treatment of Hay Fever, Rose Fever, Pollen Asthma, and All Forms of Pollinosis.

Claims use since November 15, 1935.

Ser. No. 380,017. PAPER MAKERS CHEMICAL CORPORATION, Wilmington, Del. Filed June 20, 1936.

CRYSTALAC

For Complex Mixture of Resins and Waxes or Wax-like Bodies Used for a Coating for Paper and Board.

Claims use since June 12, 1936.

Ser. No. 380,142. ETABLISSEMENTS PASTIVAL, SOCIÉTÉ A RESPONSABILITÉ LIMITÉE, Paris, France. Filed June 24, 1936.

NERVUX

For Preparation for the Treatment of Nervous Diseases, Tonics for the Nerves, Neurasthenia, and Nervous Insomnia.

Claims use since February 19, 1936.

Ser. No. 380,198. GENERAL CHEMICAL COMPANY, New York, N. Y. Filed June 25, 1936.

Garden-Pak

The drawing is lined for green.

For Insecticides, Fungicides, and Preparations for Control of Plant Pests.

Claims use since May 8, 1936.

Ser. No. 380,474. EDWARD J. FAY, doing business as De Raymond, New York, N. Y. Filed July 1, 1936.

DEVILTRY

For Perfumes, Toilet Waters, Colognes, Sachets, Face Powder, Talcum Powder.

Claims use since Jan. 2, 1936.

Ser. No. 380,409. JOSEPH P. CARROLL, doing business as Ever There Lab., New York, N. Y. Filed July 2, 1936.



For Cosmetics, Particularly Perfumes, Face Powders, Rouge, Lipstick, Mascara, and Eyeshadow.
Claims use since June 1, 1936.

Ser. No. 381,425. RUTLAND BROTHERS, INC., doing business as Rutland's, St. Petersburg, Fla. Filed July 24, 1936.



The words "Florida" and "Orange Blossom" are disclaimed apart from the mark.
For Perfume.
Claims use since December, 1925.

Ser. No. 382,092. H. CLAY GLOVER COMPANY, INC., New York, N. Y. Filed Aug. 12, 1936.

Double Action

For Insecticide.
Claims use since July 31, 1936.

Ser. No. 382,181. THE SHARON STORE COMPANY, doing business as "Yvonne Laru", Sharon, Pa. Filed Aug. 14, 1936.

Yvonne Laru

For All Purpose Cream, All Purpose Lotion, Cold Cream, Creamy Cleansing Cream, Day and Night Cream, Face Powder, Foundation Cream, Foundation Lotion, Hand Cream, Lipstick, Liquefying Cleansing Cream, Oatmeal Cream, Olive Oil Shampoo, Orange Flower Skin Tonic, Sunburn Cream, and Sun Tan Oil.
Claims use since June 15, 1936.

Ser. No. 382,316. LABORATORIOS HIGIA, S. A., Mexico City, Mexico. Filed Aug. 18, 1936.

VEGETABIOL

For Medicinal Tonic and Dietetic Vegetable Preparation for Strengthening and Building Purposes.
Claims use since May 7, 1934.

Ser. No. 382,375. BURROUGHS WELLCOME & CO. (U. S. A.) INC., New York, N. Y. Filed Aug. 20, 1936.

'RYZAMIN-B'

The letter "B" apart from the mark as shown is disclaimed.
For Medicinal Preparation for the Treatment of Conditions Due to Vitamin B, Deficiency.
Claims use since June, 1935.

Ser. No. 382,392. WARREN D. OWNBY, doing business as The O. Gargle Co., Tulsa, Okla. Filed Aug. 20, 1936.



The word "Gargle" is disclaimed apart from the mark shown.
For Antiseptic Gargle and Mouth Wash.
Claims use since June 18, 1936.

Ser. No. 382,428. GROWERS SUPPLIES, INC., Harlingen, Tex. Filed Aug. 21, 1936.

VISCOLIZED

DUSTING SULPHUR

The words "Dusting Sulphur" are disclaimed apart from the mark as shown.
For Sulphur.
Claims use since Jan. 30, 1936.

Ser. No. 382,434. THE MASON MEDICINE CO., Wesser, N. C. Filed Aug. 21, 1936.



For Pellagra Medicine.
Claims use since April, 1931.

Ser. No. 382,469. FORD HOPKINS COMPANY, doing business as Dr. Richards, Chicago, Ill. Filed Aug. 22, 1936.

BRISK

For Foot Preparations—Namely, Foot Powder.
Claims use since June 29, 1936.

Ser. No. 382,579. ZINSSER & CO., INC., Hastings-on-Hudson, N. Y. Filed Aug. 25, 1936.

CELUTATE

For Dyestuffs.
Claims use since Aug. 12, 1936.

Ser. No. 382,584. EDWIN BANTA, doing business as The Tay-Ban Co., Los Angeles, Calif. Filed Aug. 26, 1936.

TAY-BAN

For Liquid Treatment for the Control of Excess Fat.
Claims use since July 6, 1936.

Ser. No. 382,588. THE CAMLAX COMPANY, Dover, Del., and New York, N. Y. Filed Aug. 26, 1936.

CAM-LAX

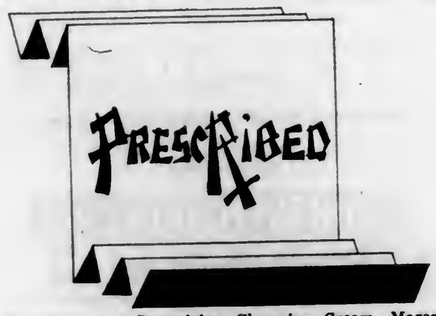
For Laxative.
Claims use since Apr. 10, 1936.

Ser. No. 382,589. THE CAMLAX COMPANY, Dover, Del., and New York, N. Y. Filed Aug. 26, 1936.

L
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X

For Laxative.
Claims use since Apr. 10, 1936.

Ser. No. 382,602. PHYSICIAN PRESCRIBED COSMETIC LABORATORIES, INC., Wilmington, Del., and Mount Vernon, N. Y. Filed Aug. 26, 1936.



For Cosmetics Comprising Cleansing Cream, Massage Cream, Hand Creams, Astringent Lotion, Finishing Lotion, Face Lotion, Shaving Lotion, Facial Packs, Powder Bases, Liquid Emulsions, Shampoo, Special Massage Oils, and Bleaching Cream.
Claims use since Aug. 1, 1932.

Ser. No. 382,637. SOCONY-VACUUM OIL COMPANY, INCORPORATED, New York, N. Y. Filed Aug. 27, 1936.

Mobilane

For Liquid Petroleum Gases.
Claims use since July 15, 1936.

Ser. No. 382,671. THE NORWICH PHARMACAL COMPANY, Norwich, N. Y. Filed Aug. 28, 1936.

OCUSOL

For Product Specially Prepared for the Treatment of Minor Irritations of the Eyes and Particularly for the Relief of Soreness of Granulated Lids.
Claims use since 1900.

Ser. No. 382,672. THE NORWICH PHARMACAL COMPANY, Norwich, N. Y. Filed Aug. 28, 1936.

ANESTOL

For Liquid Analgesic.
Claims use since 1900.

Ser. No. 382,682. VADSCO SALES CORPORATION, Long Island City, N. Y. Filed Aug. 28, 1936.

ASPIR-FIZZ

The word "Fizz" apart from the mark shown is disclaimed.
For Effervescent Aspirin Compound Tablets.
Claims use since Aug. 10, 1936.

Ser. No. 382,705. AMERICAN YVETTE COMPANY, INC., New York, N. Y. Filed Aug. 29, 1936.

ARTISTO

For Permanent Waving Lotions.
Claims use since July, 1934.

Ser. No. 382,726. SCHNEFEL BROS. CORPORATION, Newark, N. J. Filed Aug. 29, 1936.

NAILGROOM

For Beautifier for Use on Nails and Cuticles.
Claims use since June 8, 1936.

Ser. No. 382,740. D. N. PROTOPAPAS, New York, N. Y. Filed Aug. 26, 1936.

PSYLY

For Laxative Preparation.
Claims use since Apr. 1, 1936.

Ser. No. 382,764. NORMITOL, INCORPORATED, Norwalk, Conn. Filed Aug. 31, 1936.

Mystol

For Bay Rum, Mouth Washes, Face, Skin, and Hand Lotions, Perfumes, Hair Dressings, Concentrates for the Preparation of Face, Skin, and Hand Lotions, Mouth Washes, and Hair Dressings, Cold Creams, Vanishing Creams, Massage Creams, Skin Cleansers, Skin Whiteners, and Cocoa Butter.
Claims use since 1920.

Ser. No. 382,984. MERCK & CO. INC., Rahway, N. J. Filed Sept. 3, 1936.

HORMODIN

For Chemical Compounds in the Form of Solutions, Pastes, and the Like, Used for Plant Growth Stimulation.
Claims use since Aug. 31, 1936.

Ser. No. 383,013. GRAND UNION TEA COMPANY, New York, N. Y. Filed Sept. 8, 1936.

PROPHYLINE

For Antiseptic Preparation Used as Mouth Wash, Throat Gargle, Nose Spray, Douche, and Deodorant.
Claims use since Oct. 1, 1910.

Ser. No. 383,069. MERCK & CO. INC., Rahway, N. J. Filed Sept. 10, 1936.

HORMOZIN

For Chemical Compounds in the Form of Solutions, Pastes, and the Like, Used for Plant Growth Stimulation.
Claims use since Sept. 1, 1936.

Ser. No. 383,177. NICHOLS COPPER COMPANY, New York, N. Y. Filed Sept. 12, 1936.

NICHOLS Z-O COPPER FUNGICIDE

The words "Copper Fungicide" apart from the mark as shown are disclaimed.
For Fungicide.
Claims use since June 5, 1936.

Ser. No. 383,222. PARKE, DAVIS & COMPANY, Detroit, Mich. Filed Sept. 14, 1936.

GLUCO-FEDRIN

For Inhalant.
Claims use since Aug. 27, 1936.

CLASS 8

Smokers' Articles, Not Including Tobacco Products

Ser. No. 381,962. BLOOMINGDALE BROS., INC., New York, N. Y. Filed Aug. 10, 1936.

Coronation

For Pipes.
Claims use since May 23, 1936.

Ser. No. 382,026. AMERICAN AUTOMOBILE ASSOCIATION, INCORPORATED, Washington, D. C. Filed Aug. 10, 1936.

AAA

For Ash Trays.
Claims use since 1922.

CLASS 12

Construction Materials

Ser. No. 383,071. CARL R. SCHLICHT, doing business as Inter-Lox Steel Co., La Crosse, Wis. Filed Sept. 9, 1936.

INTER-LOX THE NAME LOX INTER-LOX STEEL CO.

For Preformed Sheets of Metal Ready for Use in Laying Sheet Metal Roofing.
Claims use since July 15, 1936.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 380,645. KELLER-DORIAN PAPER CO., INC., New York, N. Y. Filed July 6, 1936.

STAINLESS METAL FOILS

The words "Stainless Metal Foils" apart from the mark shown are disclaimed. The drawing is lined for red.
For Metal Foils Sold Plain, Embossed, Pregummed or on Board.
Claims use since January, 1934.

Ser. No. 383,054. ELECTRO METALLURGICAL COMPANY, New York, N. Y. Filed Sept. 9, 1936.

EM

For Ferro-Alloy Briquets.
Claims use since January, 1932.

CLASS 15

Oils and Greases

Ser. No. 378,434. HICKOK OIL CORPORATION, Toledo, Ohio. Filed May 14, 1936.

HI-SPEED

For Automobile Filling Station Supplies of Liquid and Semi-Liquid, Largely Petroleum and Hydrocarbons and Compounds Therefrom, Adapted as Fuel and Lubricating Oils and Greases.
Claims use since Sept. 15, 1917.

Ser. No. 381,184. WINDSOR-LLOYD PRODUCTS, INC., doing business as Booster Chemical and Engineering Company, Baltimore, Md., and Wilmington, Del. Filed July 18, 1936.

BOOSTER MOTOR OIL

The drawing is lined for gray. The words "Motor Oil" are disclaimed apart from the mark.
For Motor Lubricating Oils.
Claims use since July 1, 1936.

CLASS 16

Paints and Painters' Materials

Ser. No. 372,592. FAUST-BOOTH PAINT COMPANY, St. Louis, Mo. Filed Dec. 13, 1935.

FER-O-TEX

For Ready-Mixed Paints and Paint Enamels.
Claims use since 1923.

Ser. No. 382,698. ELLIOTT PAINT & VARNISH COMPANY, Chicago, Ill. Filed Aug. 28, 1936.

RUSTEX

For Ready-Mixed Paints, Paint Enamels, and Varnishes.
Claims use since January, 1932.

Ser. No. 383,073. THE SHERWIN-WILLIAMS CO., Cleveland, Ohio. Filed Sept. 9, 1936.

EM-PRO-LAC

For Paints (Ready Mixed, Paste Form, and Dry), Paint Enamels, Lacquers, Japans, Varnishes, Stains, Paint Fillers, Kalsomine, Water Paints, White Lead, Dry Paint Colors, and Paint Pigments.
Claims use since Aug. 14, 1936.

CLASS 17

Tobacco Products

Ser. No. 374,952. GEORGE ZIFFERBLATT & CO., Philadelphia, Pa. Filed Feb. 17, 1936.

UNITED SPORTS

For Cigars.
Claims use since Nov. 1, 1935.

Ser. No. 382,818. BERRIMAN BROTHERS, INC., Tampa, Fla. Filed Sept. 2, 1936.

CLUB COLONIAL PANETELAS

No claim is made to the word "Panetelas" apart from the mark shown.
For Cigars.
Claims use since June 12, 1936.

Ser. No. 382,929. E. REGENSBURG & SONS, New York, N. Y. Filed Sept. 4, 1936.

ADMIRATION ERS

For Cigars.
Claims use since Apr. 1, 1885.

Ser. No. 382,930. E. REGENSBURG & SONS, New York, N. Y. Filed Sept. 4, 1936.

ERS

For Cigars.
Claims use since Apr. 1, 1885.

Ser. No. 383,152. THE AMERICAN TOBACCO COMPANY, New York, N. Y. Filed Sept. 12, 1936.

SWEEPSTAKES

For Cigarettes.
Claims use since Aug. 24, 1936.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 375,845. JOE M. HENSLEE, Longview, Tex. Filed Mar. 11, 1936.

JOES USED PARTS

The words "Used parts" apart from the mark shown and disclaimed.
For Used Motor Vehicle Parts—Namely, Automobile and Truck Bodies and Parts, Chassis Springs, Wheels, Axles, Brakes, Structural Parts of Brakes, Windshield Wipers, Bumpers, License Plate Holders and Vehicle Heaters Using Fluid From Engines.
Claims use since January, 1932.

Ser. No. 376,665. DORNIER-METALLBAUTEN G. m. b. H., Friedrichshafen-on-the-Bodensee, Germany. Filed Apr. 1, 1936.



DORNIER

The word "Dornier" is disclaimed apart from the mark.
For Aeroplanes and Structural Parts of Aeroplanes.
Claims use since Dec. 31, 1933.

Ser. No. 376,666. DORNIER-METALLBAUTEN G. m. b. H., Friedrichshafen-on-the-Bodensee, Germany. Filed Apr. 1, 1936.



DORNIER

The word "Dornier" is disclaimed apart from the mark.
For Aeroplanes and Structural Parts of Aeroplanes.
Claims use since Dec. 31, 1933.

Ser. No. 377,023. SAFETY STEERING STABILIZER COMPANY, Pittsburgh, Pa. Filed Apr. 9, 1936.



All notations except "Hand" are disclaimed apart from the mark. The drawing is lined for green.
For Automobile Steering Stabilizers.
Claims use since Jan. 1, 1936.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 377,681. GENERAL CABLE CORPORATION, New York, N. Y. Filed Apr. 27, 1936.

SUPER-LINE

No claim is made to the word "Line" except in association with the word "Super".
For Bare and Insulated Electrical Wires and Cables.
Claims use since Apr. 2, 1936.

Ser. No. 381,390. PILGRIM ELECTRIC CORPORATION, New York, N. Y. Filed July 23, 1936.



Applicant disclaims the word "Radio".
For Microphones, Radio Sets, Receiving and Transmitting; Transformers, Power, Input and Output; Chokes, Condensers, Refrigerators, Tubes, Radio; Pickups and Amplifiers, Short Wave Sets, Speakers, and Transmitting Apparatus.
Claims use since May 24, 1933.

Ser. No. 382,442. THE OHIO BRASS COMPANY, Mansfield, Ohio. Filed Aug. 21, 1936.

HI-LITE

For Clamps for Electrical Conductors.
Claims use since June 18, 1936.

Ser. No. 383,092. GENERAL ELECTRIC COMPANY, Schenectady, N. Y. Filed Sept. 10, 1936.

FLAMENOL

For Electrical Wires, Cables, and Conductors.
Claims use since Aug. 20, 1936.

Ser. No. 383,103. RCA MANUFACTURING COMPANY, INC., Camden, N. J. Filed Sept. 10, 1936.

ICONOTRON

For Cathode Ray Tubes and Thermionic Tubes.
Claims use since June 3, 1936.

Ser. No. 383,182. SCOVILL MANUFACTURING COMPANY, Waterbury, Conn. Filed Sept. 12, 1936.

ZEPHYRLITE

For Flash Lights.
Claims use since Sept. 4, 1936.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 383,212. GORDON J. KELLY, Niles, Ohio. Filed Sept. 14, 1936.

"LEC-TION"

For Card Games.
Claims use since Aug. 4, 1936.

Ser. No. 383,357. IDEAL NOVELTY & TOY COMPANY, Long Island City, N. Y. Filed Sept. 17, 1936.

SUNBONNET SUE

For Dolls, Costumes for Dolls, Parts of Costumes for Dolls, and Dolls' Wigs.
Claims use since Aug. 30, 1936.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 380,721. SIMONDS SAW AND STEEL COMPANY, Fitchburg, Mass. Filed July 7, 1936.

S

For Saw Bits.
Claims use since 1920.

Ser. No. 383,019. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill. Filed Sept. 8, 1936.



For Milking Machines and Parts Thereof.
Claims use since Dec. 1, 1929.

Ser. No. 383,020. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill. Filed Sept. 8, 1936.

INTERNATIONAL

For Milking Machines and Parts Thereof.
Claims use since Dec. 1, 1929.

Ser. No. 383,159. COOPER & COOPER, INC., Brooklyn, N. Y. Filed Sept. 12, 1936.

BANTAM

For Razor Blades.
Claims use since July 15, 1936.

Ser. No. 383,783. MAURICE E. PROCTOR, doing business as Proctors Products Co., New Haven, Conn. Filed Sept. 29, 1936.

FULL DRESS



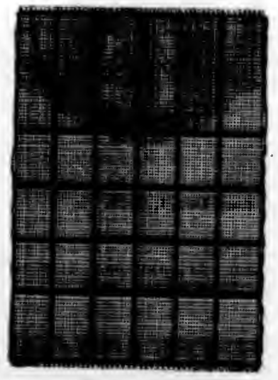


For Razor Blades.
Claims use since Sept. 19, 1936.

CLASS 24

Laundry Appliances and Machines

Ser. No. 381,339. TINGUE, BROWN & CO., New York, N. Y. Filed July 23, 1936.

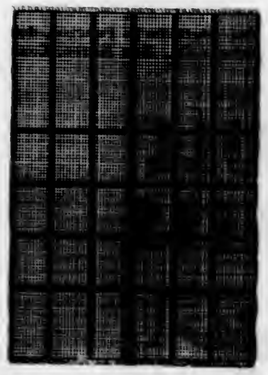


Trade-mark consists of a grey border around the top or bottom of the net, no claim being made to the representation of the goods.

For Mesh Net Containers for Use in Laundries.

Claims use since June 5, 1936.

Ser. No. 381,347. TINGUE, BROWN & CO., New York, N. Y. Filed July 23, 1936.



Trade-mark consists of a yellow border around the top or bottom of the net, no claim being made to the representation of the goods.

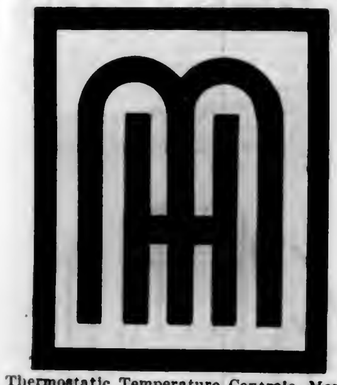
For Mesh Net Containers for Use in Laundries.

Claims use since June 5, 1936.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 376,484. MINNEAPOLIS-HONEYWELL REGULATOR COMPANY, Minneapolis, Minn. Filed Mar. 27, 1936.



For Thermostatic Temperature Controls, More Particularly Line or Low Voltage Room Thermostats With or Without Time Controlled Mechanism.

Claims use since December, 1934.

Ser. No. 379,586. M. H. RHODES, INC., New York, N. Y. Filed June 13, 1936.

MARK TIME

For Time-Controlled Devices—Namely, Parking Meters, and Bell-Ringers.

Claims use since April, 1933 for time switches; since Aug. 15, 1935 for parking meters.

Ser. No. 381,671. BATIST R. HAUEISEN, Indianapolis, Ind. Filed July 31, 1936.

ABRASIMETER

For Machine for Determining and Indicating the Hardness of Metallic Coatings.

Claims use since July 10, 1935.

Ser. No. 383,070. REPUBLIC PICTURES CORPORATION, New York, N. Y. Filed Sept. 9, 1936.



For Motion Pictures and Motion Picture Films, Which Have Records of Sound, Words, and/or Music Thereon, and Motion Picture Films Adapted for Synchronization With Sound, Words, and/or Music Records.

Claims use since Aug. 21, 1936.

Ser. No. 383,173. MINNEAPOLIS-HONEYWELL REGULATOR COMPANY, Minneapolis, Minn. Filed Sept. 12, 1936.

OPTIMATIC

For Automatic Optical Pyrometers.

Claims use since March, 1936.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 380,991. HICKOK MANUFACTURING COMPANY, INC., Rochester, N. Y. Filed July 14, 1936.

scarabs for luck

The word "Scarabs" is disclaimed apart from the mark shown.

For Key Chains, Money Holders, and Cuff Links, All Made in Whole or in Part of Precious Metal or Plated in Whole or in Part With the Same; Necktie Holders for Personal Wear, Scarf Pins, and Watch Guards.

Claims use since June 13, 1936.

CLASS 29

Brooms, Brushes, and Dusters

Ser. No. 381,232. MIDWAY CHEMICAL CO., Chicago, Ill. Filed July 20, 1936.

Midway

For Mops, Brooms, Dusters, Dust and Polish Mops, Dust Cloths, and Wet Mop Sticks, and Swats.

Claims use to mops, brooms, and dusters since about December 1, 1925; on dust and polish mops since July 27, 1926; on dust cloths since June 30, 1925; and on wet mop sticks and swats since June 30, 1932.

CLASS 32

Furniture and Upholstery

Ser. No. 382,328. TOMLINSON OF HIGH POINT, High Point, N. C. Filed Aug. 18, 1936.



For Articles of Furniture—Namely, Buffets, Dining Tables, Serving Tables, China Cabinets, Corner Cabinets, Mirrors, Dining Chairs, Sofas, Short Sofas, Club Chairs, Wing Chairs, Barrel Chairs, Occasional Chairs, Desk Chairs, Benches, Beds, Dressers, Vanities, Dressing Tables, Chests, Chests on Chests, Night Tables, Bed Room Chairs, Bed Room Benches, High Boys, Low Boys, Secretaries, Desks, Coffee Tables, Card Tables, End Tables, Lamp Tables, Pier Tables, Tilt Top Tables, Drop Leaf Tables, Chairside Tables, Butlers Tables, Reading Stands, Arm Chairs, Writing Tables, Console Tables, Stools, Long Stools, Cupboards, Bookcases, Couches, Day Beds, Folding Tables, Sideboards, Cradles, Sofa Tables, Stands, Window Seats, Bureaus, Dressing Screens, and Panels Therefor.

Claims use since June 29, 1936.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 363,067. SERVEL, INC., New York, N. Y. Filed Mar. 27, 1935.

SERVEL

For Air Conditioning Apparatus—Namely, Air Purifiers, Fans, Blowers, Heaters, Coolers, Humidifiers, Dehumidifiers, Heat Exchangers, Ventilating Ducts, Spray Towers, Cabinet Type Individual Room Coolers, Cabinet Type Individual Room Heaters.

Claims use since January, 1934.

Ser. No. 377,181. THE CLEVELAND HEATER COMPANY, Cleveland, Ohio. Filed April 14, 1936.

AIR-PAK

For Air Conditioning Apparatus—Namely, Furnace Fans, Blower Filter Units, Forced Air Heating Systems, and Blowers.

Claims use since May 6, 1935.

Ser. No. 380,548. CENTURY ENGINEERING CORPORATION, Ce'ar Rapids, Iowa. Filed July 3, 1936.



The drawing is lined for red. The words "Diesel oil burner" are disclaimed apart from the mark.
For Oil Burners and Parts Thereof.
Claims use since June 30, 1936.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 382,032. THE ANCHOR PACKING COMPANY, Philadelphia, Pa. Filed Aug. 11, 1936.

AMFLEX

For Machinery Packing Formed Variously From Cotton Duck, Asbestos, and the Like.
Claims use since Aug. 1, 1933.

Ser. No. 383,110. UNITED STATES RUBBER PRODUCTS, INC., New York, N. Y. Filed Sept. 10, 1936.

CALEDONIAN

For Pneumatic Tires.
Claims use since Aug. 21, 1936.

CLASS 36

Musical Instruments and Supplies

Ser. No. 383,064. WILLIAM L. LANGE, New York, N. Y. Filed Sept. 9, 1936.

Paramount

For Stringed Musical Instruments—Particularly, Mandolins, Banjos, Banjo-Ukes, and Guitars, and Strings and Accessories for the Same.
Claims use on banjos since June 6, 1921; on guitars since 1930; on mandolins since 1930; and on strings and accessories for stringed instruments since 1926.

Ser. No. 383,142. SOPRANI, INC., Chicago, Ill. Filed Sept. 11, 1936.

AMPLIPHONIC

For Accordions.
Claims use since May 1, 1936.

CLASS 37

Paper and Stationery

Ser. No. 371,439. NATION WIDE PAPERS, INC., Chicago, Ill. Filed Nov. 11, 1935.

NONSTOP

For Writing Paper and Duplicating Machine Paper in Cut Form.
Claims use since Oct. 23, 1935.

Ser. No. 379,605. CURTIS 1000 INC., St. Paul, Minn. Filed June 12, 1936.

TUFF-WHITE

The notation "Tuff-white" is disclaimed apart from the mark shown.
For Mailing and Catalog Envelopes.
Claims use since May 22, 1936.

Ser. No. 380,343. CELLULOID CORPORATION, Newark, N. J. Filed June 27, 1936.

PROTECTOID

For Cellulosic Transparent or Translucent Wrapping and Packaging Material.
Claims use since Oct. 6, 1931.

Ser. No. 381,021. THE INTERNATIONAL PRINTING INK CORPORATION, New York, N. Y. Filed July 30, 1936.

CLARAY

For Coated Paper and Coated Paper Board Used for Printing and/or Embossing for Wrapping, Making Paper Plates, Cups, Lamp Shades, Paper Containers, Cartons, Displays, Labels, Box Coverings, Box Linings, and Other Paper Products for Household and Commercial Use.
Claims use since July 17, 1936.

Ser. No. 381,730. SECURITY PRODUCTS COMPANY, Los Angeles, Calif. Filed Aug. 1, 1936.

ROTO-DEX

For Telephone Index.
Claims use since July 10, 1936.

Ser. No. 381,800. KENT R. COSTIKYAN, New York, N. Y. Filed Aug. 4, 1936.

THREE-IN-ONE

For Desk Pads.
Claims use since Sept. 1, 1935.

Ser. No. 381,949. REYNOLDS METALS COMPANY, INC., New York, N. Y. Filed Aug. 8, 1936.

"REYTITE"

For Wrapping Material Comprising Paper Laminated to a Metallic Foil.
Claims use since Aug. 5, 1936.

Ser. No. 382,666. HODES-DANIEL CO., INC., New York, N. Y. Filed Aug. 28, 1936.

TRIPLE-DUTY

For Paper Envelopes.
Claims use since Aug. 15, 1936.

Ser. No. 382,958. SAMUEL H. MOSS, INC., New York, N. Y. Filed Sept. 5, 1936.

MOSS ELITE

For Rubber Printing Stamps.
Claims use since Aug. 15, 1936.

Ser. No. 383,109. STEVENS & THOMPSON PAPER COMPANY, New York, N. Y. Filed Sept. 10, 1936.



The words "Finest Quality" and "Tissue" are disclaimed apart from the mark as shown.
For Toilet Paper.
Claims use since August, 1917.

Ser. No. 383,200. NORTHERN PAPER MILLS, Green Bay, Wis. Filed Sept. 12, 1936.



The word "Tissue" apart from the mark shown is disclaimed.
For Toilet (Tissue) Paper.
Claims use since June 13, 1936.

CLASS 38

Prints and Publications

Ser. No. 380,733. ZIFF-DAVIS PUBLISHING COMPANY, Chicago, Ill. Filed July 7, 1936.

POPULAR PHOTOGRAPHY
including AMATEUR CINEMATOGRAPHY

For Periodical Publications.
Claims use since June 15, 1936.

Ser. No. 381,033. JOSEPH HENRY KARP, doing business as Beautiful Hair & Beauty Counsel Publishing Co., New York, N. Y. Filed July 15, 1936.

Beautiful Hair and Beauty Counsel

For Magazine Formerly Published at Irregular Intervals, But Now Published Monthly.
Claims use since March, 1929.

Ser. No. 382,640. I. EDWIN TANENBAUM INCORPORATED, New York, N. Y. Filed Aug. 27, 1936.

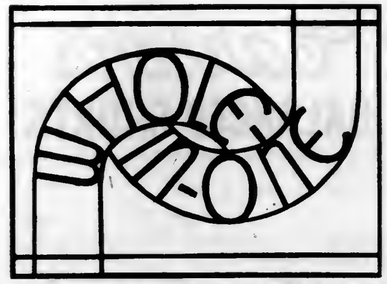
WEEKLY OBSERVER

For Periodical Publication.
Claims use since July 27, 1936.

CLASS 39

Clothing

Ser. No. 381,745. ANITRA, INC., New York, N. Y. Filed Aug. 3, 1936.



The term "Whole-in-one" is disclaimed apart from the mark.
For Women's and Misses' Coats and Suits.
Claims use since February, 1936.

Ser. No. 382,216. HOLLYWOOD-MAXWELL CO., Los Angeles, Calif. Filed Aug. 15, 1936.

Her Secret

For Brassières.
Claims use since January, 1927.

Ser. No. 382,218. HOLLYWOOD-MAXWELL CO., Los Angeles, Calif. Filed Aug. 15, 1936.

"V-Ette"

For Ladies' Undergraments—Namely, Brassières.
Claims use since February, 1933.

Ser. No. 382,219. HOLLYWOOD-MAXWELL CO., Los Angeles, Calif. Filed Aug. 15, 1936.

"V-Ette" INGENUE

For Brassières.
Claims use since August, 1935.

Ser. No. 382,220. HOLLYWOOD-MAXWELL CO., Los Angeles, Calif. Filed Aug. 15, 1936.

"V-Ette" DEBUTANTE

For Ladies' Undergarments, Specifically Brassières.
Claims use since August, 1935.

Ser. No. 382,305. PALTER DE LISO, INC., New York, N. Y. Filed Aug. 18, 1936.

Plateau

For Ladies' Shoes, Made of Leather, Fabric, and Combinations of These Materials.
Claims use since December, 1935.

Ser. No. 382,422. CARSON PIRIE SCOTT & COMPANY, Chicago, Ill. Filed Aug. 21, 1936.

Carson's
BALANCED SHORTS

The word "Shorts" is disclaimed apart from the mark.
For Shorts.
Claims use since May 4, 1936.

Ser. No. 382,505. BRAUER BROS. SHOE COMPANY, St. Louis, Mo. Filed Aug. 24, 1936.

Free Step

For Women's Shoes of Leather and Fabric, and Leather.
Claims use since Nov. 7, 1935.

Ser. No. 382,541. WELLS-LAMONT-SMITH CORPORATION, Minneapolis, Minn. Filed Aug. 24, 1936.

BROWN MULE

For Work Gloves of Leather and Combined Leather and Fabric.
Claims use since July 30, 1936.

Ser. No. 382,542. WELLS-LAMONT-SMITH CORPORATION, Minneapolis, Minn. Filed Aug. 24, 1936.

WHITE COW

For Work Gloves of Leather.
Claims use since July 30, 1936.

Ser. No. 382,563. MARKS & LIPMAN, INC., New York, N. Y. Filed Aug. 25, 1936.

Peppy Modes

The word "Modes" is disclaimed apart from the mark as shown.
For Women's and Misses' Suits, Coats, and Dresses.
Claims use since Aug. 14, 1936.

Ser. No. 382,573. FREDERICK A. SPEIK, doing business as Kay Christy, Los Angeles, Calif. Filed Aug. 25, 1936.

Kay Christy

The drawing is lined for black.
For Ladies' Dresses, Suits, Blouses, Slacks, Sunsuits, Coats, and Skirts.
Claims use since Dec. 1, 1935.

Ser. No. 382,593. I. GROSSMAN & SON, INC., New York, N. Y. Filed Aug. 26, 1936.

MISSY
Barduva
REGISTERED
STYLED

The words "Registered" and "Styled" are disclaimed apart from the mark.
For Women's and Misses' Coats and Suits.
Claims use since March, 1936.

Ser. No. 382,611. JOHN WANAMAKER PHILADELPHIA, Philadelphia, Pa. Filed Aug. 26, 1936.

Wanaweave

For Men's and Boys' Outer Shirts, Underwear, and Pajamas, and Women's, Misses', Junior Misses', and Girls' Blouses, Skirts, Dresses, Suits, Pajamas, and Underwear.
Claims use since Aug. 20, 1936.

Ser. No. 382,639. G. HENRY STETSON, San Fernando, Calif. Filed Aug. 27, 1936.

RANCHEROS



For Hats and Caps for Men and Women.
Claims use since Apr. 15, 1936.

Ser. No. 382,641. TEXAS TANNING & MANUFACTURING COMPANY, Yoakum, Tex. Filed Aug. 27, 1936.

TEXAS RANGER

For Belts for Men.
Claims use since 1927.

Ser. No. 382,704. B. ALTMAN & CO., New York, N. Y. Filed Aug. 29, 1936.

Melisande

For Lingerie for Women and Misses—Namely, Nightgowns, Bed Jackets, Pajamas, Slips, Chemises, Panties, Robes, Petticoats, and Dance Sets.
Claims use since Aug. 10, 1936.

Ser. No. 382,815. W. B. FOUNDATIONS, INCORPORATED, Newark, N. J. Filed Sept. 1, 1936.

W•B

For Corsets, Girdles, Brassières, and Foundation Garments.
Claims use since Nov. 1, 1887.

Ser. No. 382,873. KANTOR & COMMONS, INC., New York, N. Y. Filed Sept. 3, 1936.

Lady Esquire

For Juniors', Misses', and Women's Dresses, Blouses, Skirts, and Women's Coats and Suits.
Claims use since Sept. 1, 1936.

Ser. No. 382,959. NORTH CAROLINA FABRICS CORPORATION, Salisbury, N. C. Filed Sept. 5, 1936.

SWISH FINISH

The word "Finish" apart from the mark shown is disclaimed.
For Women's and Children's Dresses.
Claims use since June 10, 1936.

Ser. No. 383,097. I. C. ISAACS & COMPANY, INC., Baltimore, Md. Filed Sept. 10, 1936.



OUT-DOOR CLOTHES

The term "Outdoor Clothes" is disclaimed apart from the mark as shown.
For Breeches, Jodhpurs, Pants, Slacks, Jackets, and Riding Coats for Men, Women, and Children.
Claims use since June 1, 1935.

Ser. No. 383,125. CURLEE CLOTHING COMPANY, St. Louis, Mo. Filed Sept. 11, 1936.

Airhaven

For Men's and Boys' Suits.
Claims use since Aug. 25, 1936.

Ser. No. 383,130. HER MAJESTY UNDERWEAR CO., Philadelphia, Pa. Filed Sept. 11, 1936.

PRINCESS SUE

For Women's Nightgowns.
Claims use since Aug. 17, 1936.

Ser. No. 383,327. C. B. SHANE CORPORATION, Chicago, Ill. Filed Sept. 16, 1936.

Tops O'Heather

For Men's Overcoats and Topcoats.
Claims use since Aug. 5, 1936.

Ser. No. 383,469. CHICAGO MAIL ORDER COMPANY, Chicago, Ill. Filed Sept. 21, 1936.

Goldshire

For Women's and Misses' Coats.
Claims use since Aug. 24, 1936.

Ser. No. 383,470. CHICAGO MAIL ORDER COMPANY, Chicago, Ill. Filed Sept. 21, 1936.

Ritzmore

For Women's and Misses' Coats.
Claims use since Aug. 22, 1936.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 382,357. HERMAN B. LAYMON, doing business as World's Products Company, Spencer, Ind. Filed Aug. 19, 1936.

TWENTY GRAND

For Shoe Laces.
Claims use since Aug. 1, 1935.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 380,982. ALEXANDER WOOLEN COMPANY, Chicago, Ill. Filed July 14, 1936.



All notations except the word "Le Roy's" and the monogram on the shield are disclaimed. The representation of the label is disclaimed per se.

For Woolen Piece Goods.

Claims use since Apr. 1, 1936.

Ser. No. 380,983. ALEXANDER WOOLEN COMPANY, Chicago, Ill. Filed July 14, 1936.



All notations except the word "Merrill" and the monogram on the shield are disclaimed. The representation of the label is disclaimed per se.

For Woolen Piece Goods.

Claims use since Apr. 1, 1936.

Ser. No. 380,984. ALEXANDER WOOLEN COMPANY, Chicago, Ill. Filed July 14, 1936.



All notations except the word "Strongcraft" and the monogram on the shield are disclaimed. The representation of the label is disclaimed per se.

For Woolen Piece Goods.

Claims use since Apr. 1, 1936.

Ser. No. 381,759. ELM MILLS CORPORATION, Tilton, N. H. Filed Aug. 3, 1936.

"Snow King Ski Cloth"

The words "Ski Cloth" are disclaimed apart from the mark shown.

For Woolen Piece Goods.

Claims use since June 1, 1936.

Ser. No. 382,089. CO-OPERATIVE MFG. CO., San Francisco, Calif. Filed Aug. 12, 1936.

WATER THIRSTY

For Towels and Toweling in the Piece.

Claims use since July 1, 1936.

Ser. No. 382,796. INTERNATIONAL LOOMS, INC., New York, N. Y. Filed Sept. 1, 1936.

LOOMPOINT

For Carpets, Rugs, and Upholstery Fabrics in the Piece, of Cotton, Mohair, and/or Combinations Thereof.

Claims use since Mar. 14, 1934.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 380,672. HARVEY D. SANDSTONE, Portland, Oreg. Filed July 6, 1936.



The words "Power Plant of Health" apart from the mark as shown and the representation of the goods per se are disclaimed.

For Electro-Therapeutic Massage Devices.

Claims use since July 5, 1933.

Ser. No. 382,826. THE FOREST CITY RUBBER COMPANY, Cleveland, Ohio. Filed Sept. 2, 1936.

Cotton Vanity

The word "Cotton" is disclaimed apart from the mark as shown.

For Absorbent Cotton.

Claims use since Aug. 27, 1936.

Ser. No. 383,068. IRVING H. MALIS, doing business as Veritas Products Co., New York, N. Y. Filed Sept. 9, 1936.

Verithol

For Vaginal Diaphragms.

Claims use since October, 1932.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 382,441. MUTUAL CITRUS PRODUCTS CO., Anaheim, Calif. Filed Aug. 21, 1936.



The drawing is lined for green. No claim is made to the representation of a label apart from the mark as shown.

For Concentrates, Syrups, Flavors, and Emulsions for Beverage Purposes.

Claims use since June, 1936.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 358,837. THE EMULSOL CORPORATION, Chicago, Ill. Filed Dec. 3, 1934.

EMULSOL-WHICAKE

For Egg Products—Namely, Emulsified Eggs and Frozen Eggs for Making Cake, Pastry, and Bread.

Claims use since Feb. 1, 1934.

Ser. No. 369,346. FARM KING PACKING COMPANY, INC., Fredonia, N. Y. Filed Sept. 16, 1935.

FARM KING

For Tomato Products—Namely, Catsup, Chili Sauce, Tomato Juice, and Tomato Puree.

Claims use since Aug. 27, 1935.

Ser. No. 369,715. RALPH RAULLI, doing business as Sunland Biscuit Co., Los Angeles, Calif. Filed Sept. 25, 1935.



For Bakery Products—Namely, Crackers.

Claims use since August, 1928.

Ser. No. 374,046. FISH PACKERS, INC., San Francisco, Calif. Filed Jan. 24, 1936.

SEA STAR

For Canned Sardines.

Claims use since Jan. 15, 1936.

Ser. No. 376,852. THE LEWIS GROCER CO., Lexington, Indianola, and Durant, Miss. Filed Apr. 6, 1936.

BIG L

For Wheat Flour, Canned Tomatoes, Spaghetti and Macaroni, and Dry or Granular Rice Sold in Bags and the Like.

Claims use since Jan. 1, 1934.

Ser. No. 377,299. CHOCOLAT SUCHARD SOCIETE ANONYME, Neuchatel, Switzerland. Filed Apr. 17, 1936.



For Cocoa, Chocolate, Chocolate Candy.

Claims use since Jan. 1, 1932.

Ser. No.377,394. INTERSTATE COTTON OIL REFINING CO., Sherman, Tex. Filed Apr. 20, 1936.



For Flaked Hydrogenated Cottonseed Oil.

Claims use since Mar. 27, 1936.

Ser. No. 379,732. BROOKS PACKING CO., INC., Fernandina, Fla. Filed June 15, 1936.

FLORIDA SEA

For Canned Shrimp.

Claims use since May 16, 1936.

Ser. No. 379,839. CLARENCE F. GAINES, doing business as The Gaines Food Company, Sherburne, N. Y. Filed June 17, 1936.

GAINES KRUNCHON

For Dog Food.

Claims use since Feb. 3, 1934.

Ser. No. 381,037. JOE LOWE CORPORATION, New York, N. Y. Filed July 15, 1936.

SUNDAE-SICLE

The word "Sundae" apart from the mark as shown is disclaimed.
For Frozen Confections.
Claims use since June 24, 1936.

Ser. No. 381,109. KENNEDY & CO., INC., Boston, Mass. Filed July 15, 1936.

SUPER BLEND

The word "Blend" except in the association shown is not claimed.
For Coffee.
Claims use since Sept. 1, 1930.

Ser. No. 381,127. ROBERT C. GRAHAM, doing business as Graham Farms, Washington, Ind. Filed July 17, 1936.

TRU-FRIEND

For Dog Food.
Claims use since Feb. 26, 1935.

Ser. No. 381,360. GEORGE D. GEORGE, doing business as Eat-A-Nut Products Company, Beckley, W. Va. Filed July 23, 1936.



The word "Nut" is disclaimed apart from the mark as shown.
For All Kinds of Salted Nut Meats, Salted Peanuts, Salted Cashew Nuts, Salted Mixed Nuts, Salted Pistachio Nuts.
Claims use since July 1, 1936.

Serf. No. 381,662. COMMANDER-LARABEE MILLING COMPANY, doing business as The Larabee Flour Mills Company, Kansas City, Mo. Filed July 31, 1936.

SUN LOAF

For Wheat Flour.
Claims use since Aug. 24, 1934.

Ser. No. 381,834. ARTHUR R. BRICK, doing business as Vita-Glo Company, Crosswicks, N. J. Filed Aug. 5, 1936.



The words "A Fruit Product" are disclaimed apart from the mark as shown.
For Fruit Compound Used as a Filler in Bread, Cakes, Rolls, Biscuits, Cookies, Ice Cream, Candy, and the Like.
Claims use since June 10, 1936.

Ser. No. 381,860. LAND O'THE SKY MUTUAL ASSOCIATION, INC., Waynesville, N. C. Filed Aug. 6, 1936.

OUR BETSY

For Canned Vegetables.
Claims use since July 13, 1936.

Ser. No. 381,955. HARRY G. LATIN, doing business as Air City Potato Chip Co., Dayton, Ohio. Filed Aug. 10, 1936.



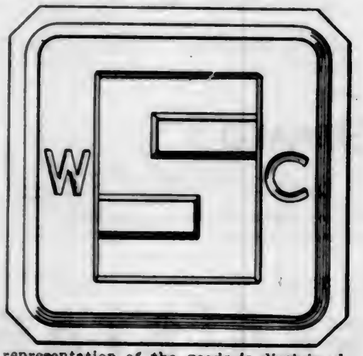
The words "Home Made" are not claimed except as used in the Trade-Mark. The drawing is lined for blue.
For Potato Chips.
Claims use since July 28, 1930.

Ser. No. 382,006. SALINAS LAND COMPANY, Ventura, Calif. Filed Aug. 10, 1936.

SALANCO

For Dried Vegetables.
Claims use since June 8, 1936.

Ser. No. 382,503. WORCESTER SALT COMPANY, New York, N. Y. Filed Aug. 22, 1936.



The representation of the goods is disclaimed.
For Salt Blocks for Live Stock.
Claims use since Aug. 6, 1936.

Ser. No. 382,534. SUTTER PACKING COMPANY, Palo Alto, Calif. Filed Aug. 24, 1936.

WORLD'S FAIR

For Canned Fruits.
Claims use since Aug. 12, 1936.

Ser. No. 382,535. TAORMINA CORPORATION, Donna, Tex. Filed Aug. 24, 1936.

FARMAIOLA

For Canned Vegetables.
Claims use since June 30, 1925.

Ser. No. 382,603. THE RATH PACKING COMPANY, Waterloo, Iowa. Filed Aug. 26, 1936.

AQUILA D'ORO

For Dry Sausage.
Claims use since June 5, 1936.

Ser. No. 382,632. GEORGE W. KUNTZ, Evansville, Ind. Filed Aug. 27, 1936.

ON TIME

For Coffee, Tea, Spices, Pure and Imitation Extracts of Various Flavors for Use in Cooking and Baking; Cocoa; Canned Goods Consisting of Corn, Peas, Beans, Tomatoes; Corn, Maple, and Cane Syrups for Table or Cooking Purposes; Pickles, Peaches, Apples, Pumpkin, Cherries, and Pineapple.
Claims use since May 10, 1935.

Ser. No. 382,661. EASTERN SHORE CANNING CO., INC., Machipongo, Va. Filed Aug. 28, 1936.

ESCCO

For Canned Vegetables and Frozen Vegetables in Cans.
Claims use since August, 1930.

Ser. No. 382,749. ERICKSON FOOD PRODUCTS CO., Minneapolis, Minn. Filed Aug. 31, 1936.

PEANETTE

For Peanut Butter.
Claims use since July 25, 1936.

Ser. No. 382,772. FRED. J. SCHLAMP, Queens, Long Island, N. Y. Filed Aug. 31, 1936.



The words "The Palatable" apart from the mark shown are disclaimed.
For Coffee and Tea.
Claims use since August, 1932.

Ser. No. 382,909. DIXIE STORES, INCORPORATED, Greenville, S. C. Filed Sept. 4, 1936.

WHITE LACE

For Plain and Self Rising Wheat Flour.
Claims use since Aug. 1, 1936.

Ser. No. 383,015. HAWAIIAN PINEAPPLE COMPANY, LTD., Honolulu, Hawaii, and San Francisco, Calif. Filed Sept. 8, 1936.

STARS AND BARS

For Canned Fruits.
Claims use since Oct. 18, 1935.

Ser. No. 383,040. AMERICAN MAIZE-PRODUCTS COMPANY, New York, N. Y. Filed Sept. 9, 1936.

MATEX

For Corn Starch for Use as a Food Product and for Use in the Industrial Preparation of Various Types of Food Products.
Claims use since July 13, 1936.

Ser. No. 383,078. THE WELCH GRAPE JUICE COMPANY, Westfield, N. Y. Filed Sept. 9, 1936. Under section 5b of the act of 1905 as amended in 1920.

Welch's

For Tomato Juice.
Claims use since January, 1928.

Ser. No. 383,102. OSWEGO CANDY WORKS, INC., Oswego, N. Y. Filed Sept. 10, 1936.

KOKEY'S

For Candy.
Claims use since Aug. 21, 1936.

Ser. No. 383,143. STANDARD FRUITS, INC., Wenatchee, Wash. Filed Sept. 11, 1936.

A-PLUS

For Fresh Apples.
Claims use since Aug. 3, 1936.

CLASS 48

Malt Beverages and Liquors

Ser. No. 341,092. MAIER BREWING COMPANY, INC., Los Angeles, Calif. Filed Aug. 28, 1933.

SINCE 1871 Maier GOLD LABEL

Exclusive use of a gold colored label and the words "Gold Label" are disclaimed apart from the mark as shown.

For Malt, Cereal Beverage Having Not Over the Legal Alcoholic Content.

Claims use since July 26, 1933.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 383,344. BLOOMINGDALE BROS., INC., New York, N. Y. Filed Sept. 17, 1936.

Gloucester Cape

For Rum.

Claims use since July 15, 1936.

Ser. No. 383,423. AUSTIN, NICHOLS & CO., INC., Brooklyn, N. Y. Filed Sept. 19, 1936.

CARMELO

For Rum.

Claims use since July 13, 1936.

Ser. No. 383,424. PHILIP BLUM & CO., INC., Chicago, Ill. Filed Sept. 19, 1936.

SWEETHEART

For Gin.

Claims use since Apr. 11, 1934.

Ser. No. 383,440. J. C. MILLETT CO., San Francisco, Calif. Filed Sept. 19, 1936.

Menlo

For Whiskey.

Claims use since Apr. 3, 1934.

Ser. No. 383,523. FRANKFORT DISTILLERIES, INCORPORATED, Louisville, Ky. Filed Sept. 23, 1936.

MATTINGLY & MOORE



For Whiskey.

Claims use since July 15, 1936.

Ser. No. 383,591. LYNDALE DISTILLERY CO., Louisville, Ky. Filed Sept. 24, 1936.

LEHIGH VALLEY RUN

For Whiskey, Rum, Gin, Brandy, and Alcoholic Cordials.

Claims use since Aug. 27, 1936.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 382,104. STANDARD INSULATION COMPANY, East Rutherford, N. J. Filed Aug. 12, 1936.

ODO-LESS

For Oiled Canvas, Oiled Duck, Oiled Cambric, and Oiled Silk.

Claims use since March, 1928.

Ser. No. 382,429. HARTE & WYLE, New York, N. Y. Filed Aug. 21, 1936.



Aqua Silk

The word "Silk" is disclaimed apart from the mark as shown.

For Waterproofed Silk Fabric.

Claims use since Feb. 27, 1936.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

NOVEMBER 3, 1936

340,078. HAIR THINNING COMB. PRAMARK DISTRIBUTING CO., Brooklyn, N. Y.
Filed May 23, 1936. Serial No. 378,801. PUBLISHED AUGUST 11, 1936. Class 40.

340,079. CHILDREN'S SHOES OF LEATHER, RUBBER, OR FABRIC, OR OF COMBINATIONS OF THESE MATERIALS. MORRIS SHOE CO. INC., New York, N. Y.
Filed May 22, 1936. Serial No. 378,755. PUBLISHED AUGUST 4, 1936. Class 39.

340,080. SHOES MADE OF LEATHER, FABRIC, RUBBER, AND COMBINATIONS THEREOF. PONTIAC SHOE MANUFACTURING COMPANY, Pontiac, Ill.
Filed May 22, 1936. Serial No. 378,757. PUBLISHED AUGUST 4, 1936. Class 39.

340,081. FOOD SEASONINGS COMPRISING COMPOUNDED HERBS AND OILS IN DRY POWDER FORM AND IN LIQUID FORM. AFRAL CORPORATION, New York, N. Y.
Filed May 23, 1936. Serial No. 378,771. PUBLISHED AUGUST 25, 1936. Class 46.

340,082. PAPER BAGS. ROBERT GAYLORD, INC., St. Louis, Mo.
Filed July 16, 1936. Serial No. 381,072. PUBLISHED AUGUST 25, 1936. Class 2.

340,083. READY MIXED PAINT, VARNISHES, STAINS, AND PAINT ENAMELS. GENERAL PAINT & VARNISH CO., Chicago, Ill.
Filed July 17, 1936. Serial No. 381,126. PUBLISHED AUGUST 25, 1936. Class 16.

340,084. PAPER BAGS OR CONTAINERS. BENJ C. BETNER CO., Devon, Pa.
Filed July 20, 1936. Serial No. 381,187. PUBLISHED AUGUST 25, 1936. Class 2.

340,085. GIN. NATIONAL WHOLESALE LIQUOR CO., INC., Baltimore, Md.
Filed July 15, 1936. Serial No. 381,248. PUBLISHED AUGUST 25, 1936. Class 49.

340,086. PRESERVED FISH. MARIANO, LOPES & COMPANHIA, LIMITADA, Setubal, Portugal.
Filed June 27, 1936. Serial No. 380,357. PUBLISHED AUGUST 25, 1936. Class 46.

340,087. LADIES' PAJAMAS AND NIGHT GOWNS. RELIANCE MANUFACTURING COMPANY, doing business as the Sterling Company, Chicago, Ill.
Filed June 27, 1936. Serial No. 380,363. PUBLISHED AUGUST 25, 1936. Class 39.

340,088. BOARD GAME HAVING MOVABLE PIECES AND EMPLOYING CARDS. JOHN J. SHELLEY, JR., Kansas City, Mo.
Filed June 27, 1936. Serial No. 380,365. PUBLISHED AUGUST 25, 1936. Class 22.

340,089. PIECE GOODS CONSISTING IN WHOLE OR IN PART OF PURE OR WEIGHTED SILK, RAYON, SYNTHETIC YARN, OR WOOL. STEHLI & CO., INC., New York, N. Y.
Filed June 27, 1936. Serial No. 380,368. PUBLISHED AUGUST 25, 1936. Class 42.

340,090. FRESH VEGETABLES. THE LESTER STIRLING CO., Salinas, Calif.
Filed June 27, 1936. Serial No. 380,369. PUBLISHED AUGUST 25, 1936. Class 46.

340,091. METHANOL AND RADIATOR ANTI-FREEZE SOLUTIONS. COMMERCIAL SOLVENTS CORPORATION, New York, N. Y.
Filed June 29, 1936. Serial No. 380,385. PUBLISHED AUGUST 25, 1936. Class 6.

340,092. MEN'S NECKTIES. THE WEISBAUM BROS., BROWER COMPANY, Cincinnati, Ohio.
Filed June 29, 1936. Serial No. 380,423. PUBLISHED AUGUST 25, 1936. Class 39.

340,093. MEN'S NECKTIES. THE WEISBAUM BROS., BROWER COMPANY, Cincinnati, Ohio.
Filed June 29, 1936. Serial No. 380,426. PUBLISHED AUGUST 25, 1936. Class 39.

340,094. KNITTED AND WOVEN UNDERWEAR FOR MEN, WOMEN, AND CHILDREN. THE B. V. D. COMPANY, INC., Baltimore, Md.
Filed June 30, 1936. Serial No. 380,437. PUBLISHED AUGUST 25, 1936. Class 39.

340,095. WOOLEN PIECE GOODS. FORSTMANN WOOLEN CO., Passaic, N. J.
Filed June 30, 1936. Serial No. 380,449. PUBLISHED AUGUST 25, 1936. Class 42.

340,096. SUGAR-COATED CHOCOLATE PILL, FOR USE AS A LAXATIVE FOR RELIEVING CONSTIPATION AND ACCOMPANYING HEADACHE OR BILIOUSNESS. UNITED DRUG COMPANY, Boston Mass.
Filed June 30, 1936. Serial No. 380,467. PUBLISHED AUGUST 25, 1936. Class 6.

340,097. SWEATERS AND BATHING SUITS. PARAGON KNITTING MILLS, INC., Philadelphia, Pa.
Filed July 1, 1936. Serial No. 380,481. PUBLISHED AUGUST 25, 1936. Class 39.

340,098. LADIES', MISSES', AND JUNIORS' COATS AND SUITS. FRED P. WEISSMAN, INC., New York, N. Y.
Filed July 1, 1936. Serial No. 380,487. PUBLISHED AUGUST 25, 1936. Class 39.

340,099. BEER. BURTON PRODUCTS, INC., Paterson, N. J.
Filed July 2, 1936. Serial No. 380,497. PUBLISHED AUGUST 25, 1936. Class 48.

340,100. COTTON, RAYON, ACETATE, AND/OR SILK PIECE GOODS. COHN-HALL-MARX CO., New York, N. Y.
Filed July 2, 1936. Serial No. 380,500. PUBLISHED AUGUST 25, 1936. Class 42.

340,101. COLD PATCHING CEMENT. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio.
Filed July 2, 1936. Serial No. 380,510. PUBLISHED AUGUST 25, 1936. Class 5.

340,102. GRIPS AND GRIPPING MATERIALS FOR USE ON GOLF CLUBS. ROY C. HENDERSON, St. Louis, Mo.
Filed July 2, 1936. Serial No. 380,512. PUBLISHED AUGUST 25, 1936. Class 22.

340,103. WOMEN'S DRESSES. ROBINSON BROTHERS, Boston, Mass.
Filed July 2, 1936. Serial No. 380,528. PUBLISHED AUGUST 25, 1936. Class 39.

340,104. WOOLEN GOODS IN THE PIECE AND IN CUT LENGTHS. S. STEIN & CO., New York, N. Y.
Filed July 2, 1936. Serial No. 380,532. PUBLISHED AUGUST 25, 1936. Class 42.

340,105. HAIRNETS. JOSEPH C. HERZOG, New York, N. Y.
Filed July 3, 1936. Serial No. 380,569. PUBLISHED AUGUST 25, 1936. Class 42.

340,106. OLIVE OIL, OLIVES, CAPERS, AND BOTTLED CHERRIES. S. J. VALK & SON, New York, N. Y.
Filed March 23, 1936. Serial No. 376,310. PUBLISHED AUGUST 25, 1936. Class 46.

340,107. METAL PRODUCTS, AS VEHICLE LICENSE-PLATE HOLDERS. CONSOLIDATED JEWELERS MFG. CORP., Seattle, Wash.
Filed March 23, 1936. Serial No. 376,259. PUBLISHED AUGUST 25, 1936. Class 19.

340,108. PORTABLE ELECTRIC VULCANIZING UNITS AND SPECIAL RUBBER PATCH UNITS FOR USE THEREWITH. THE DILL MANUFACTURING COMPANY, Cleveland, Ohio.
Filed March 20, 1936. Serial No. 376,196. PUBLISHED AUGUST 25, 1936. Class 35.

340,109. CARD GAME. SUM-IT CARD GAME, LTD., Leeds, England.
Filed March 18, 1936. Serial No. 376,147. PUBLISHED AUGUST 25, 1936. Class 22.

340,110. EAU DE COLOGNE, LAVENDER WATER, HAIR WASHES, PERFUMES, BRILLIANTINE, DEPILATORY, SHAMPOO POWDER, HAIR OIL, ETC. FERD. MÜLHENS, INC., New York, N. Y.
Filed March 17, 1936. Serial No. 376,098. PUBLISHED AUGUST 18, 1936. Class 6.

340,111. BOXES OR OTHER CONTAINERS FOR CIGARETTES, CIGARS, TOBACCO, AND TOBACCO PRODUCTS. BENJAMIN EVANS, Albany, N. Y.
Filed March 16, 1936. Serial No. 376,040. PUBLISHED AUGUST 18, 1936. Class 8.

340,112. WINES. JAY L. AMBROSE, doing business as Ambrose and Company, Denver, Colo.
Filed March 14, 1936. Serial No. 375,978. PUBLISHED AUGUST 25, 1936. Class 47.

340,113. THERAPEUTIC LAMPS. ROBERT JEROME LINDQUIST, Los Angeles, Calif.
Filed March 13, 1936. Serial No. 375,943. PUBLISHED AUGUST 25, 1936. Class 44.

340,114. TIRE FLUIDS FOR PNEUMATIC TIRES. FREDERICK A. SEIBERLING, doing business as Fred A. Seiberling Mfg. Co., Chicago, Ill.
Filed March 10, 1936. Serial No. 375,830. PUBLISHED AUGUST 25, 1936. Class 5.

340,115. PERIODICAL PUBLISHED SEASONALLY. BRIDES HOUSE, INC., New York, N. Y.
Filed March 10, 1936. Serial No. 375,828. PUBLISHED AUGUST 18,1936. Class 38.

340,116. THIN WALL PIPE COUPLINGS AND CONNECTORS. THEODORE W. BRIEGEL, Moline, Ill.
Filed March 9, 1936. Serial No. 375,751. PUBLISHED AUGUST 25, 1936. Class 13.

340,117. SCORED METAL DRIVE PIN FASTENERS. THE RAWLPLUG COMPANY, INC., New York, N. Y.
Filed March 7, 1936. Serial No. 375,724. PUBLISHED AUGUST 25, 1936. Class 13.

340,118. OIL WATER HEATERS, ROOM HEATERS, GASOLINE RADIANT HEATERS, INDIRECT WATER HEATERS, GRAVITY, DRAFT, AND MECHANICALLY-OPERATED DRAFT REGULATORS AND REFRACTORY COMBUSTION CHAMBERS, AND MOULDED SHAPES AND LININGS THEREFOR. MELCHIOR, ARMSTRONG, DESSAU CO. OF DELAWARE, INC., New York, N. Y.
Filed February 28, 1936. Serial No. 375,335. PUBLISHED AUGUST 25, 1936. Class 34.

340,119. CANNED BREAKFAST FOOD WHOSE PRINCIPAL INGREDIENTS ARE OATMEAL AND TAPIOCA. KATRINE KRUDOP, Manhattan, Kans.
Filed February 26, 1936. Serial No. 375,253. PUBLISHED AUGUST 25, 1936. Class 46.

340,120. HEAVY LUBRICATING OIL. SOCIETE COMMERCIALE DES PRODUITS DU PETROLE, Paris, France.
Filed March 31, 1936. Serial No. 376,646. PUBLISHED AUGUST 18, 1936. Class 15.

340,121. LUBRICATING OILS. SOCIETE COMMERCIALE DES PRODUITS DU PETROLE, Paris, France.
Filed March 31, 1936. Serial No. 376,645. PUBLISHED AUGUST 18, 1936. Class 15.

340,122. LUBRICATING OIL. SOCIETE COMMERCIALE DES PRODUITS DU PETROLE, Paris, France.
Filed March 31, 1936. Serial No. 376,644. PUBLISHED AUGUST 18, 1936. Class 15.

340,123. TANKS FOR USE ON TRUCKS AND TRAILERS. EATON METAL PRODUCTS COMPANY, Denver, Colo.
Filed March 30, 1936. Serial No. 376,577. PUBLISHED AUGUST 25, 1936. Class 2.

340,124. EXPLOSIVES—NAMELY, POWDER AND DYNAMITE. ATLAS POWDER COMPANY, Wilmington, Del.
Filed July 11, 1936. Serial No. 380,899. PUBLISHED AUGUST 25, 1936. Class 9.

340,125. EXPLOSIVES—NAMELY, POWDER AND DYNAMITE. ATLAS POWDER COMPANY, Wilmington, Del.
Filed July 11, 1936. Serial No. 380,900. PUBLISHED AUGUST 25, 1936. Class 9.

340,126. NON-ALCOHOLIC MIXER DESIGNED TO BE USED IN THE PREPARATION OF ALCOHOLIC BEVERAGES. JERO PRODUCTS CO., Chicago, Ill.
Filed July 13, 1936. Serial No. 380,950. PUBLISHED AUGUST 25, 1936. Class 45.

340,127. SODA FOUNTAIN SYRUPS. LYONS-MAGNUS, INC., San Francisco, Calif.
Filed July 13, 1936. Serial No. 380,955. PUBLISHED AUGUST 25, 1936. Class 45.

340,128. FABRIC BAGS. PERCY KENT BAG CO., INC., North Kansas City, Mo.
Filed July 13, 1936. Serial No. 380,958. PUBLISHED AUGUST 25, 1936. Class 2.

340,129. FABRIC BAGS. PERCY KENT BAG CO., INC., North Kansas City, Mo.
Filed July 13, 1936. Serial No. 380,959. PUBLISHED AUGUST 25, 1936. Class 2.

340,130. BATHING SUITS. PAUL SNYDER, Baltimore, Md.
Filed July 27, 1935. Serial No. 367,771. PUBLISHED NOVEMBER 26, 1935. Class 39.

340,131. MARINE PAINTS IN READY-MIXED FORM. DEVOE & RAYNOLDS COMPANY, INC., New York, N. Y.
Filed June 25, 1936. Serial No. 380,248. PUBLISHED AUGUST 25, 1936. Class 16.

340,132. SILK PIECE GOODS. ONONDAGA SILK COMPANY, INC., New York, N. Y.
Filed June 25, 1936. Serial No. 380,223. PUBLISHED AUGUST 25, 1936. Class 42.

340,133. PAINT FINISH, READY MIXED PAINTS, PAINT ENAMEL, AND VARNISHES. F. A. LIFTER, doing business as Florian Products Co., Newark, N. J.
Filed June 25, 1936. Serial No. 380,209. PUBLISHED AUGUST 25, 1936. Class 16.

340,134. LADIES' UNDERGARMENTS—I. E., NIGHTGOWNS, PAJAMAS, SLIPS, PETTICOATS, SKIRTS, DANCE SETS, PANTIES, CAMISOLES, AND CHEMISES. TAILORED SILK UNDERGARMENT CO. INC., New York, N. Y.
Filed June 24, 1936. Serial No. 380,163. PUBLISHED AUGUST 25, 1936. Class 39.

340,135. CHIN STRAP AND FACIAL CONTOUR MOULDER MADE OF KNITTED AND RUBBERIZED FABRIC TO BE USED AS A BEAUTY AID. MARTA QUIROS, New York, N. Y.
Filed June 24, 1936. Serial No. 380,157. PUBLISHED AUGUST 25, 1936. Class 44.

340,136. COMPOUND IN POWDER FORM FOR THE MOTH-PROOFING OF FABRICS, ADAPTED TO BE DISSOLVED IN WATER AND APPLIED IN SOLUTION TO THE FABRICS FOR THE PURPOSE SPECIFIED. MERCHANTS CHEMICAL COMPANY, INC., New York, N. Y.
Filed June 24, 1936. Serial No. 380,154. PUBLISHED AUGUST 25, 1936. Class 6.

340,137. LADIES' UNDERGARMENTS, SPECIFICALLY PRINCESS SLIPS. ALMO UNDERGARMENT COMPANY, INC., New York, N. Y.
Filed June 24, 1936. Serial No. 380,136. PUBLISHED AUGUST 18, 1936. Class 39.

340,138. LADIES' UNDERGARMENTS SPECIFICALLY PRINCESS SLIPS. ALMO UNDERGARMENT COMPANY, INC., New York, N. Y.
Filed June 24, 1936. Serial No. 380,135. PUBLISHED AUGUST 18, 1936. Class 39.

340,139. SCALP STIMULANT, AFTER SHAVE LOTION EAU DE COLOGNE. LENTHERIC, INCORPORATED, New York, N. Y.
Filed June 23, 1936. Serial No. 380,110. PUBLISHED AUGUST 18, 1936. Class 6.

340,140. WHISKEY. FRANKFORT DISTILLERIES, INCORPORATED, Louisville, Ky.
Filed July 16, 1936. Serial No. 381,070. PUBLISHED AUGUST 25, 1936. Class 49.

340,141. WHISKEY. JOSEPH A. BERSON, doing business as The Springdale Distilling Company, Stamford, Conn.
Filed July 15, 1936. Serial No. 381,016. PUBLISHED AUGUST 25, 1936. Class 49.

340,142. WHISKEY. JOSEPH A. BERSON, doing business as The Springdale Distilling Company, Stamford, Conn.
Filed July 15, 1936. Serial No. 381,015. PUBLISHED AUGUST 25, 1936. Class 49.

340,143. FABRIC BAGS. PERCY KENT BAG CO., INC., North Kansas City, Mo.
Filed July 13, 1936. Serial No. 380,964. PUBLISHED AUGUST 25, 1936. Class 2.

340,144. PIPES, CIGAR AND CIGARETTE HOLDERS, AND FILTERS FOR USE IN CONNECTION THEREWITH. SEGAL SAFETY RAZOR CORPORATION, New York, N. Y.
Filed May 20, 1936. Serial No. 378,676. PUBLISHED AUGUST 18, 1936. Class 8.

340,145. HOPS. HUGO V. LOEWI, INC., New York, N. Y.
Filed May 20, 1936. Serial No. 378,663. PUBLISHED AUGUST 18, 1936. Class 1.

340,146. WHISKEY. BARDSTOWN DISTILLERY, INC., Bardstown, Ky.
Filed July 21, 1936. Serial No. 381,254. PUBLISHED AUGUST 25, 1936. Class 49.

340,147. FRESH DECIDUOUS FRUITS. CALIFORNIA FRUIT EXCHANGE, Sacramento, Calif.
Filed June 26, 1936. Serial No. 380,257. PUBLISHED AUGUST 25, 1936. Class 46.

340,148. RAZOR BLADES. THE FEDERAL RAZOR BLADE COMPANY, Newark, N. J.
Filed June 26, 1936. Serial No. 380,268. PUBLISHED AUGUST 25, 1936. Class 23.

340,149. NATURAL AND IMITATION FOOD FLAVORS. FRITZSCHE BROTHERS, INC., New York, N. Y.
Filed June 27, 1936. Serial No. 380,348. PUBLISHED AUGUST 25, 1936. Class 46.

340,150. BREAD. AMERICAN STORES COMPANY, Philadelphia, Pa.
Filed June 27, 1936. Serial No. 380,337. PUBLISHED AUGUST 25, 1936. Class 46.

340,151. HYDROMETERS. TAYLOR INSTRUMENT COMPANIES, Rochester, N. Y.
Filed June 26, 1936. Serial No. 380,318. PUBLISHED AUGUST 25, 1936. Class 26.

340,152. BREATH PURIFIERS. SURE LABORATORIES, Chicago, Ill.
Filed June 26, 1936. Serial No. 380,317. PUBLISHED AUGUST 25, 1936. Class 6.

340,153. CHOCOLATE MILK DRINK. SIREN MILLS CORPORATION, Chicago, Ill.
Filed June 26, 1936. Serial No. 380,313. PUBLISHED AUGUST 25, 1936. Class 46.

340,154. COATS, VESTS, TROUSERS, KNICKERBOCKERS, TOP COATS, AND OVERCOATS FOR MEN, YOUTHS, AND BOYS. J. SCHOENEMAN, INCORPORATED, Baltimore, Md.
Filed June 26, 1936. Serial No. 380,310. PUBLISHED AUGUST 25, 1936. Class 39.

340,155. YARNS OF COTTON, WOOL, WORSTED, RAYON, ANGORA, CASHMERE, AND MIXTURES THEREOF. GLENN E. OSBORNE, doing business as Mayfair Yarncraft, New York, N. Y.
Filed June 26, 1936. Serial No. 380,303. PUBLISHED AUGUST 25, 1936. Class 43.

340,156. YARNS OF COTTON, WOOL, WORSTED, RAYON, ANGORA, CASHMERE, AND MIXTURES THEREOF. GLENN E. OSBORNE, doing business as Mayfair Yarncraft, New York, N. Y.
Filed June 26, 1936. Serial No. 380,302. PUBLISHED AUGUST 25, 1936. Class 43.

340,157. ROASTED COFFEE. MARTIN BROS. CO., Denver, Colo.
Filed June 26, 1936. Serial No. 380,289. PUBLISHED AUGUST 25, 1936. Class 46.

340,158. AUTOMOBILE, TRUCK, AND BUS MIRRORS. A. W. ROSEN & CO., New York, N. Y.
Filed June 2, 1936. Serial No. 379,211. PUBLISHED AUGUST 25, 1936. Class 19.

340,159. CANNED CORN. BURNHAM & MORRILL COMPANY, Portland, Maine.
Filed June 2, 1936. Serial No. 379,185. PUBLISHED AUGUST 25, 1936. Class 46.

340,160. POPCORN, LAWN, AND FARM SEEDS. HOWARD E. BAGNALL, Kansas City, Mo.
Filed June 2, 1936. Serial No. 379,177. PUBLISHED AUGUST 18, 1936. Class 1.

340,161. GLOVES OF LEATHER, FABRIC, RUBBER, AND COMBINATIONS THEREOF. AMERICAN MERCHANDISE CO., New York, N. Y.
Filed June 2, 1936. Serial No. 379,173. PUBLISHED AUGUST 4, 1936. Class 39.

340,162. TRAILER FOR ATTACHMENT TO AUTOMOTIVE VEHICLES. PENINSULAR METAL PRODUCTS CORPORATION, Detroit, Mich.
Filed June 3, 1936. Serial No. 379,171. PUBLISHED AUGUST 25, 1936. Class 19.

340,163. CLOCKS AND WATCHES. WESTERN CLOCK COMPANY, Peru, Ill.
Filed June 1, 1936. Serial No. 379,158. PUBLISHED AUGUST 18, 1936. Class 27.

340,164. TRANSPARENT GLASSINE PAPER. RUSSELL PAPER GOODS COMPANY, Russell, Mass.
Filed June 1, 1936. Serial No. 379,143. PUBLISHED AUGUST 18, 1936. Class 37.

340,165. ORGANIC OR INORGANIC SUBSTANCES IN A COLLOIDAL OR FINE PARTICLE STATE FOR VARIOUS USES IN THE INDUSTRIAL ARTS. ACHESON COLLOIDS CORPORATION, Port Huron, Mich.
Filed June 1, 1936. Serial No. 379,066. PUBLISHED AUGUST 25, 1936. Class 1.

340,166. PUFFED CEREALS—NAMELY, WHEAT AND RICE. UNITED CEREALS, INC., Chester, Pa.
Filed May 29, 1936. Serial No. 379,064. PUBLISHED AUGUST 25, 1936. Class 46.

340,167. IRON COMPOUND IN THE FORM OF POWDER AND PASTE USED AS A CEMENT IN PIPE-JOINTS AND FOR STOPPING LEAKS IN STEAM, HYDRAULIC, AND OTHER FLUID AND VAPOR CONDUCTORS AND CONTAINERS, ETC. SMOOTH-ON MANUFACTURING COMPANY, Jersey City, N. J.
Filed May 29, 1936. Serial No. 379,063. PUBLISHED AUGUST 11, 1936. Class 12.

340,168. WOMEN'S AND MISSES' UNDERWEAR, SLIPS, NIGHTGOWNS, PAJAMAS, LOUNGING PAJAMAS, AND KIMONOS. LANDE & MISKEND, INC., New York, N. Y.
Filed May 28, 1936. Serial No. 379,001. PUBLISHED AUGUST 18, 1936. Class 39.

340,169. SUPPLEMENT FOR LIVESTOCK AND DAIRY FEEDS COMPRISING KELP MEAL AND FISH MEAL WITH A SMALL QUANTITY OF CONCENTRATED VITAMIN SUPPLEMENT ADDED. REA VAN ANDERSON, doing business as R. V. Anderson, Los Angeles, Calif.
Filed May 27, 1936. Serial No. 378,959. PUBLISHED AUGUST 25, 1936. Class 46.

340,170. STRAINERS FOR COFFEE MAKERS. THE SILEX COMPANY, Hartford Conn., assignor, by mesne assignments, to The Silex Company, 1936, a corporation of Connecticut.
Filed May 27, 1936. Serial No. 378,955. PUBLISHED AUGUST 25, 1936. Class 13.

340,171. WOMEN'S COATS AND SUITS. BENJAMIN SELDIN, doing business as Seldin Coat Company, New York, N. Y.
Filed May 27, 1936. Serial No. 378,954. PUBLISHED AUGUST 25, 1936. Class 39.

340,172. SYNTHETIC CLEAR ENAMEL HAVING A VARNISH BASE. WILLIAM F. RITTER, doing business as Bee-Nu Products Company, New Hartford, N. Y.
Filed May 25, 1936. Serial No. 378,857. PUBLISHED AUGUST 25, 1936. Class 16.

340,173. PIPE FITTINGS AND PARTICULARLY FOR PIPE COUPLINGS AND STUFFING BOXES. CORNING GLASS WORKS, Corning, N. Y.
Filed May 25, 1936. Serial No. 378,827. PUBLISHED AUGUST 25, 1936. Class 13.

340,174. LUBRICATING OILS AND GREASES. CALUMET REFINING CO., Chicago, Ill.
Filed May 25, 1936. Serial No. 378,825. PUBLISHED AUGUST 11, 1936. Class 15.

340,175. PREPARATION TO BE USED AS A GARGLE FOR INFLAMED OR SORE THROAT. THE ARCHER-TAYLOR DRUG COMPANY, doing business as The Archer-Taylor Laboratories, Wichita, Kans.
Filed May 25, 1936. Serial No. 378,817. PUBLISHED AUGUST 18, 1936. Class 6.

340,176. LETTER-HEADS, BILL-HEADS, STATEMENTS, ENVELOPES, AND MENU-CARDS. WOODBURY AND COMPANY, INC., Worcester, Mass.
Filed June 2, 1936. Serial No. 379,223. PUBLISHED AUGUST 25, 1936. Class 37.

340,177. CHEMICALS ADAPTED FOR DYEING, BLEACHING, FINISHING, AND TREATMENT OF TEXTILE FIBERS AND FABRICS, AND FOR CHEMICALS ADAPTED FOR THE STRIPPING AND DISCHARGING OF DYED FIBERS AND FABRICS. ROYCE CHEMICAL COMPANY, Carlton Hill, N. J.
Filed June 2, 1936. Serial No. 379,212. PUBLISHED AUGUST 25, 1936. Class 6.

340,178. CLEANING POWDER FOR WATER CLOSET BOWLS AND AUTOMOBILE RADIATORS. THE HYGIENIC PRODUCTS COMPANY, Canton, Ohio.
Filed April 22, 1929. Serial No. 282,785. PUBLISHED SEPTEMBER 1, 1936. Class 4.

340,179. FOR CANNED FRUITS AND CANNED VEGETABLES. STEVENSON-BENKO CO., Chicago, Ill.
Filed August 20, 1931. Serial No. 318,260. PUBLISHED AUGUST 25, 1936. Class 46.

340,180. HOUSEHOLD AND STORE REFRIGERATORS AND PARTS THEREOF, AND REFRIGERATING SYSTEMS USED FOR THE PRESERVATION OF FOODSTUFFS OR OTHER MATTER. ELECTROLUX SERVEL CORPORATION, New York, N. Y.
Filed January 10, 1933. Serial No. 333,796. PUBLISHED AUGUST 25, 1936. Class 31.

340,181. TEA AND COFFEE. INDEPENDENT GROCERS' ALLIANCE DISTRIBUTING CO., Chicago, Ill.
Filed March 19, 1934. Serial No. 348,814. PUBLISHED MAY 29, 1934. Class 46.

340,182. DOORS AND OPERATING MECHANISM THEREFOR FOR HEATERS AND THE LIKE. THE ESTATE STOVE COMPANY, Hamilton, Ohio.
Filed July 13, 1934. Serial No. 353,847. PUBLISHED AUGUST 25, 1936. Class 34.

340,183. MEDICINAL AND COSMETIC PRODUCTS FOR DRESSING HAIR AND TREATING HAIR, FOR PROMOTING THE GROWTH OF HAIR, AND FOR CURING AND HEALING DISEASES OF HAIR, SCALP, AND SKIN. NAAMLOOZE VENNOOTSCHAP DROGERIJEN MAATSCHAPPIJ, Rotterdam, Netherlands.
Filed October 25, 1934. Serial No. 357,500. PUBLISHED AUGUST 25, 1936. Class 6.

340,184. COSMETIC TISSUES. HARRIET HUBBARD AYER, INC., New York, N. Y.
Filed December 20, 1934. Serial No. 359,497. PUBLISHED AUGUST 25, 1936. Class 37.

340,185. YARN AND THREAD. HARRY HILLMAN, doing business as Quaker Yarn Co., New York, N. Y., assignor to Quaker Yarn Co., Inc., New York, N. Y., a corporation of New York.
Filed February 21, 1935. Serial No. 361,678. PUBLISHED AUGUST 18, 1936. Class 43.

340,186. FOUNTAIN PENS AND PEN NIBS FOR FOUNTAIN PENS. THE CHILTON PEN COMPANY, INC., Long Island City, N. Y.
Filed May 4, 1935. Serial No. 364,538. PUBLISHED AUGUST 18, 1936. Class 37.

340,187. GIN. OLDETYME DISTILLERS, INC., New York, N. Y.
Filed May 21, 1935. Serial No. 365,209. PUBLISHED AUGUST 25, 1936. Class 49.

340,188. MOTOR FUEL OIL, GASOLINE, KEROSENE, AND LUBRICATING OIL. SOUTHERN STATES OIL COMPANY, Charleston, S. C.
Filed May 27, 1935. Serial No. 365,484. PUBLISHED AUGUST 18, 1936. Class 15.

340,189. COLUMNS PUBLISHED IN NEWSPAPERS, MAGAZINE AND OTHER PERIODICALS. FRANCES M. KELLY, doing business as Francine Markel, Philadelphia, Pa.
Filed May 29, 1935. Serial No. 365,569. PUBLISHED SEPTEMBER 10, 1935. Class 38.

340,190. WOOLEN GOODS IN THE PIECE AND IN CUT LENGTHS. HIND & HARRISON PLUSH COMPANY, New York, N. Y.
Filed June 18, 1935. Serial No. 366,322. PUBLISHED AUGUST 25, 1936. Class 42.

340,191. TOILET SETS NOT MADE OF PRECIOUS METALS, COMPRISING UNITS INCLUDING BRUSHES, COMBS, NAIL FILES, AND NAIL CLIPPERS. THE BAER & WILDE COMPANY, Attleboro, Mass., assignor to Swank Products, Inc., Attleboro, Mass., a corporation of Delaware.
Filed June 19, 1935. Serial No. 366,354. PUBLISHED AUGUST 11, 1936. Class 40.

340,192. CONTAINERS AND CARTONS MADE IN WHOLE OR IN PART OF PAPER OR PAPERBOARD. THE GARDNER-RICHARDSON COMPANY, Middletown, Ohio.
Filed July 9, 1935. Serial No. 367,096. PUBLISHED AUGUST 25, 1936. Class 2.

340,193. RUM. PARK, BENZIGER & CO., INC., New York, N. Y.
Filed July 17, 1935. Serial No. 367,404. PUBLISHED AUGUST 25, 1936. Class 49.

340,194. WINES. ABE KANNER, doing business as Globe Bottling Company, Los Angeles, Calif.
Filed August 7, 1935. Serial No. 368,073. PUBLISHED MARCH 3, 1936. Class 47.

340,195. CANNED FRUITS. BERCUT-RICHARDS PACKING CO., Sacramento, Calif.
Filed September 10, 1935. Serial No. 369,150. PUBLISHED AUGUST 25, 1936. Class 46.

340,196. RADIATOR HANDLE. CHICAGO SPECIALTY MFG. CO., Chicago, Ill.
Filed September 26, 1935. Serial No. 369,733. PUBLISHED AUGUST 25, 1936. Class 13.

340,197. SEPARABLE SLIDE FASTENERS AND SNAP OR SPRING-HOOKS. HANS DITTMAYER & CO., Peterswald, Czechoslovakia.
Filed October 14, 1935. Serial No. 370,340. PUBLISHED AUGUST 25, 1936. Class 13.

340,198. WRITING AND PRINTING PAPER. STRATHMORE PAPER COMPANY, West Springfield, Mass.
Filed June 13, 1936. Serial 379,717. PUBLISHED AUGUST 18, 1936. Class 37.

340,199. PRINTING PRESS BLANKETS. TINGUE, BROWN, & CO., New York, N. Y.
Filed June 13, 1936. Serial No. 379,719. PUBLISHED AUGUST 18, 1936. Class 50.

340,200. NATURAL AND SYNTHETIC PRODUCTS USED FOR SCENTING PURPOSES, AND PARTICULARLY FOR SCENTING TALCUM AND FACE POWDERS, CREAMS AND OTHER TOILET PREPARATIONS. UNGERER & COMPANY, New York, N. Y.
Filed June 13, 1936. Serial No. 379,724. PUBLISHED AUGUST 18, 1936. Class 6.

340,201. FERTILIZERS. CALDWELL SEED COMPANY, Evanston, Ill.
Filed June 15, 1936. Serial No. 379,735. PUBLISHED AUGUST 25, 1936. Class 10.

340,202. HAIR WAVING DEVICES OPERATED BY CHEMICAL HEATING ELEMENTS. MICHAEL GIALAFOS, doing business as Gialafos Sun-Ray Mfg. Co., New York, N. Y.
Filed June 15, 1936. Serial No. 379,745. PUBLISHED AUGUST 25, 1936. Class 44.

340,203. TOILET PAPER. GEORGE W. SCHILDGE, doing business as George W. Schildge Paper Co., Chicago, Ill.
Filed June 15, 1936. Serial No. 379,769. PUBLISHED AUGUST 18, 1936. Class 37.

340,204. TOILET PAPER. GEORGE W. SCHILDGE, doing business as George W. Schildge Paper Co., Chicago, Ill.
Filed June 15, 1936. Serial No. 379,771. PUBLISHED AUGUST 18, 1936. Class 37.

340,205. BEER. THE SCHOENLING BREWING AND ICE COMPANY, Cincinnati, Ohio.
Filed June 15, 1936. Serial No. 379,773. PUBLISHED AUGUST 25, 1936. Class 48.

340,206. COFFEE PERCOLATORS. WESSCO MFG. CO., Chicago, Ill.
Filed June 15, 1936. Serial No. 379,778. PUBLISHED AUGUST 25, 1936. Class 13.

340,207. SEED PEAS. CRITES-MOSCOW GROWERS' ASS'N, INC., Moscow, Idaho.
Filed June 16, 1936. Serial No. 379,792. PUBLISHED AUGUST 18, 1936. Class 1.

340,208. CHEMICAL LIQUID FOR USE INSTEAD OF WATER FOR MIXING PORTLAND CEMENT TO CONTROL THE SETTING TIME OF THE CEMENT. CONTROL PRODUCTS COMPANY, Philadelphia, Pa.
Filed April 6, 1936. Serial No. 376,880. PUBLISHED AUGUST 11, 1936. Class 12.

340,209. LADIES' LINGERIE—NAMELY, CHEMISES, PANTIES, GOWNS, PAJAMAS, SLIPS, AND BRASSIÈRES. THE SOCIETY SILK LINGERIE CORPORATION, Michigan City, Ind.
Filed April 9, 1936. Serial No. 376,977. PUBLISHED AUGUST 18, 1936. Class 39.

340,210. NUTS, LOCK NUTS, AND LOCK WASHERS. THE PALNUT COMPANY, Irvington, N. J.
Filed April 10, 1936. Serial No. 377,060. PUBLISHED AUGUST 25, 1936. Class 13.

340,211. NET-LIKE FABRIC SEWED IN MULTIPLE WIDTHS AND PROVIDED WITH CORDS AND GROMMETS, ADAPTED TO BE USED IN THE MAKING OF CLOTH HOUSES FOR USE AS SEED AND PLANT BED COVERS AND ASTER HOUSE COVERS. SOUTHERN BRIGHTON MILLS, Shannon, Ga.
Filed April 10, 1936. Serial No. 377,083. PUBLISHED AUGUST 18, 1936. Class 50.

340,212. KNITTED WEARING APPARELS FOR WOMEN AND CHILDREN—NAMELY, KNITTED SWEATERS, DRESSES, COATS, OUTER SHIRTS, BATHING SUITS, SCARFS, GLOVES, AND HATS. BERMUDA KNITWEAR CORP., New York, N. Y.
Filed April 11, 1936. Serial No. 377,093. PUBLISHED AUGUST 4, 1936. Class 39.

340,213. PAPER FOR STATIONERY USE—NAMELY, CARDS AND PRINTING BRISTOL. DITTO, INCORPORATED, Chicago, Ill.
Filed April 11, 1936. Serial No. 377,098. PUBLISHED AUGUST 25, 1936. Class 37.

340,214. PAPER FOR WRITING, TYPEWRITING, DUPLICATING, AND PRINTING PURPOSES. DITTO, INCORPORATED, Chicago, Ill.
Filed April 11, 1936. Serial No. 377,105. PUBLISHED AUGUST 25, 1936. Class 37.

340,215. PAPER FOR STATIONERY USE—NAMELY, CARDS AND PRINTING BRISTOL. DITTO, INCORPORATED, Chicago, Ill.
Filed April 11, 1936. Serial No. 377,106. PUBLISHED AUGUST 25, 1936. Class 37.

340,216. PAPER FOR STATIONERY USE—NAMELY, CARDS AND PRINTING BRISTOL. DITTO, INCORPORATED, Chicago, Ill.
Filed April 11, 1936. Serial No. 377,107. PUBLISHED AUGUST 25, 1936. Class 37.

340,217. MEN'S NEGLIGEE AND DRESS SHIRTS, PAJAMAS, AND UNDERWEAR. WM. HABERMAN CORP., New York, N. Y.
Filed April 11, 1936. Serial No. 377,113. PUBLISHED AUGUST 18, 1936. Class 39.

340,218. LAMP LENSES. GLOBE SPECIALTY COMPANY, Chicago, Ill.
Filed April 13, 1936. Serial No. 377,147. PUBLISHED AUGUST 25, 1936. Class 34.

340,219. LAMP LENSES. GLOBE SPECIALTY COMPANY, Chicago, Ill.
Filed April 13, 1936. Serial No. 377,148. PUBLISHED AUGUST 25, 1936. Class 34.

340,220. WATER SOFTENING APPARATUS USING BASE EXCHANGE GRANULES OR ZEOLITES. NATIONAL ALUMINATE CORPORATION, Chicago, Ill.
Filed April 15, 1936. Serial No. 377,227. PUBLISHED AUGUST 25, 1936. Class 13.

340,221. PAPER TOWELS. STEVENS & THOMPSON PAPER COMPANY, New York, N. Y.
Filed April 15, 1936. Serial No. 377,242. PUBLISHED AUGUST 18, 1936. Class 37.

340,222. OIL BURNERS. SUPER OIL HEET CO., Brooklyn, N. Y.
Filed April 15, 1936. Serial No. 377,247. PUBLISHED AUGUST 25, 1936. Class 34.

340,223. WINES. ACHAIA WINE COMPANY, LIMITED, Patras, Greece.
Filed April 17, 1936. Serial No. 377,296. PUBLISHED AUGUST 25, 1936. Class 47.

340,224. TOILET PAPER. NATION WIDE PAPERS, INC., Chicago, Ill.
Filed April 17, 1936. Serial No. 377,315. PUBLISHED AUGUST 18, 1936. Class 37.

340,225. BATHING CAPS AND SHOWER CAPS. AMERICAN LATEX CORPORATION, New York, N. Y.
Filed February 25, 1936. Serial No. 375,195. PUBLISHED AUGUST 4, 1936. Class 39.

340,226. FRUIT PRESERVES. GLASER, CRANDELL CO., Chicago, Ill.
Filed February 24, 1936. Serial No. 375,144. PUBLISHED JULY 28, 1936. Class 46.

340,227. GAS, OIL, GASOLINE, COAL, AND WOOD STOVES. AMERICAN STOVE COMPANY, St. Louis, Mo.
Filed February 19, 1936. Serial No. 375,002. PUBLISHED AUGUST 25, 1936. Class 34.

340,228. ASPHALTIC PAVING MATERIAL. ROXANDA MINES, INC., St. Paul, Minn.
Filed February 17, 1936. Serial No. 374,942. PUBLISHED AUGUST 11, 1936. Class 12.

340,229. LADIES' SHOES MADE OF LEATHER, FABRIC, AND COMBINATIONS OF THESE MATERIALS. I. MILLER & SONS, INC., Long Island City, N. Y.
Filed February 17, 1936. Serial No. 374,934. PUBLISHED AUGUST 4, 1936. Class 39.

340,230. PAPER-MAKING FELTS. F. C. HUYCK & SONS, Rensselaer and Albany, N. Y.
Filed February 11, 1936. Serial No. 374,645. PUBLISHED SEPTEMBER 1, 1936. Class 50.

340,231. GLASS TRAYS, BOWLS, DINNER SERVICE SETS COMPRISING WATER GLASSES AND PLATES, DISHES. BENDURO, INC., New York, N. Y.
Filed February 5, 1936. Serial No. 374,509. PUBLISHED AUGUST 25, 1936. Class 33.

340,232. WALL TOWEL AND DRYING RACKS AND BARS. SAMUEL C. BRODY, Brighton, Mass.
Filed January 30, 1936. Serial No. 374,282. PUBLISHED AUGUST 25, 1936. Class 13.

340,233. SLIPS AND PYJAMAS. DUBE UNDERGARMENT CO., INC., New York, N. Y.
Filed January 22, 1936. Serial No. 373,953. PUBLISHED AUGUST 4, 1936. Class 39.

340,234. BLAST TORCHES. SAMUEL C. BRODY, Brighton, Mass.
Filed January 30, 1936. Serial No. 374,277. PUBLISHED AUGUST 25, 1936. Class 34.

340,235. BREAD CRUMBS. GENERAL BAKING COMPANY, New York, N. Y.
Filed January 20, 1936. Serial No. 373,868. PUBLISHED AUGUST 25, 1936. Class 46.

340,236. PERIODICAL. DAGOBERT D. RUNES, New York, N. Y.
Filed January 13, 1936. Serial No. 373,621. PUBLISHED AUGUST 18, 1936. Class 38.

340,237. PREPARATION FOR THE TREATMENT OF ORAL INFECTIONS. CECIL ANTHONY BERGIN, doing business as Berford Laboratories, Miami, Fla.
Filed January 11, 1936. Serial No. 373,555. PUBLISHED AUGUST 18, 1936. Class 6.

340,238. METALLIC HOSE COUPLINGS. THE FLEX-O-TUBE CO., Detroit, Mich.
Filed January 6, 1936. Serial No. 373,374. PUBLISHED AUGUST 25, 1936. Class 13.

340,239. PRINTING PLATES. ZEESE-WILKINSON CO., INC., Long Island City, N. Y.
Filed December 23, 1935. Serial No. 373,008. PUBLISHED AUGUST 18, 1936. Class 50.

340,240. FUEL OIL. BUCKLEY & SCOTT, INC., Providence, R. I.
Filed December 18, 1935. Serial No. 372,762. PUBLISHED AUGUST 18, 1936. Class 15.

340,241. ELECTRIC FANS. JOSEPH S. LOSEE, doing business as Losee Products Co., Hebron, Ill.
Filed November 22, 1935. Serial No. 371,877. PUBLISHED AUGUST 25, 1936. Class 21.

340,242. CHEESE COATED POPCORN. HERBERT W. EAKINS, doing business as Long Eakins Company, Springfield, Ohio.
Filed November 11, 1935. Serial No. 371,418. PUBLISHED AUGUST 25, 1936. Class 46.

340,243. PORTLAND CEMENT. AETNA PORTLAND CEMENT CO., Bay City, Fenton, and Detroit, Mich.
Filed November 7, 1935. Serial No. 371,250. PUBLISHED AUGUST 11, 1936. Class 12.

340,244. SHEET GLASS. AMERICAN WINDOW GLASS COMPANY, Pittsburgh, Pa.
Filed November 4, 1935. Serial No. 371,128. PUBLISHED AUGUST 25, 1936. Class 33.

340,245. COFFEE. STANLEY W. FERGUSON, INC., Boston, Mass.
Filed April 6, 1936. Serial No. 376,840. PUBLISHED AUGUST 25, 1936. Class 46.

340,246. CIGARETTES. NAT WOLF, New York, N. Y.
Filed April 22, 1936. Serial No. 377,529. PUBLISHED AUGUST 18, 1936. Class 17.

340,247. ROSES AND ROSE BUSHES. THE JOHN COOK, INCORPORATED, Baltimore, Md.
Filed April 23, 1936. Serial No. 377,538. PUBLISHED AUGUST 25, 1936. Class 1.

340,248. ROSES AND ROSE BUSHES. THE JOHN COOK, INCORPORATED, Baltimore, Md.
Filed April 23, 1936. Serial No. 377,539. PUBLISHED AUGUST 25, 1936. Class 1.

340,249. SAILBOATS. FRANK SCHNEIDER, College Point, Long Island, N. Y.
Filed April 23, 1936. Serial No. 377,556. PUBLISHED AUGUST 25, 1936. Class 19.

340,250. JELLY POWDERS. OTTO SCHNERING, doing business as MiracleJel Company, Chicago, Ill.
Filed April 24, 1936. Serial No. 377,588. PUBLISHED AUGUST 25, 1936. Class 46.

340,251. LINIMENT FOR EXTERNAL PURPOSES. HILDEGARD M. WOLF, doing business as H. M. Wolf, Manchester, N. H.
Filed April 24, 1936. Serial No. 377,616. PUBLISHED AUGUST 25, 1936. Class 6.

340,252. FUR SKINS, PARTICULARLY RABBIT SKINS DYED IN IMITATION OF SEAL. FESHBACH & ACKERMAN, INC., New York, N. Y.
Filed April 27, 1936. Serial No. 377,677. PUBLISHED AUGUST 18, 1936. Class 1.

340,253. WIRE CLOTH. REYNOLDS WIRE CO., Dixon, Ill.
Filed April 27, 1936. Serial No. 377,768. PUBLISHED AUGUST 25, 1936. Class 13.

340,254. WOVEN WIRE PAPER MACHINE BELTS, CYLINDER MOULDS, DANDY ROLLS, AND EXTRACTOR ROLLS. EASTWOOD-NEALLEY CORPORATION, Belleville, N. J.
Filed April 29, 1936. Serial No. 377,781. PUBLISHED AUGUST 25, 1936. Class 23.

340,255. WOVEN WIRE PAPER MACHINE BELTS, CYLINDER MOULDS, DANDY ROLLS, AND EXTRACTOR ROLLS. EASTWOOD-NEALLEY CORPORATION, Belleville, N. J.
Filed April 29, 1936. Serial No. 377,782. PUBLISHED AUGUST 25, 1936. Class 23.

340,256. PRINTED CLOTH LABELS. KAUMAGRAPH COMPANY, New York, N. Y.
Filed April 29, 1936. Serial No. 377,795. PUBLISHED JULY 14, 1936. Class 40.

340,257. PERIODICAL. STEEL PUBLICATIONS, INC., Pittsburgh, Pa.
Filed April 29, 1936. Serial No. 377,809. PUBLISHED AUGUST 25, 1936. Class 38.

340,258. PERIODICAL. THE AMERICAN JOURNAL OF SURGERY, INC., New York, N. Y.
Filed April 30, 1936. Serial No. 377,819. PUBLISHED AUGUST 25, 1936. Class 38.

340,259. BANDEAUS OF BRAIDED, KNITTED, AND TEXTILE MATERIAL INTENDED FOR USE ON THE HEAD. CONSOLIDATED TRIMMING CORPORATION, New York, N. Y.
Filed April 30, 1936. Serial No. 377,836. PUBLISHED AUGUST 4, 1936. Class 40.

340,260. LEATHER SHOES. DIXON-BARTLETT COMPANY, Baltimore, Md.
Filed May 6, 1936. Serial No. 378,069. PUBLISHED AUGUST 4, 1936. Class 39.

340,261. LUBRICATING OILS AND GREASES. SOCONY-VACUUM OIL COMPANY, INCORPORATED, New York, N. Y.
Filed May 7, 1936. Serial No. 378,157. PUBLISHED AUGUST 11, 1936. Class 15.

340,262. GOLF CLUBS, TENNIS, BADMINTON, AND SQUASH RACQUETS AND HAND GRIPS THEREFOR. AVERN PARDOE, Toronto, Ontario, Canada.
Filed May 8, 1936. Serial No. 378,167. PUBLISHED AUGUST 25, 1936. Class 22.

340,263. BUTTONS, SLIDES, BUCKLES, AND TRIMMINGS FOR DECORATING GARMENTS, NOT MADE OF PRECIOUS METALS. AUTOMATIC PEARL BUTTON CO., Muscatine, Iowa.
Filed May 11, 1936. Serial No. 378,295. PUBLISHED AUGUST 4, 1936. Class 40.

340,264. GIFT CERTIFICATES. SANTA CLAUS REMAILING CORPORATION, Bloomington, Ind.
Filed May 11, 1936. Serial No. 378,343. PUBLISHED AUGUST 18, 1936. Class 38.

340,265. ENVELOPES AND ENCLOSING WRAPPERS. SANTA CLAUS REMAILING CORPORATION, Bloomington, Ind.
Filed May 11, 1936. Serial No. 378,344. PUBLISHED AUGUST 18, 1936. Class 37.

340,266. WINDSHIELD WIPERS AND PARTS THEREOF. THE ANDERSON COMPANY, Gary, Ind.
Filed June 8, 1936. Serial No. 379,413. PUBLISHED AUGUST 25, 1936. Class 19.

340,267. CIGARS. H. FENDRICH INC., Evansville, Ind.
Filed June 8, 1936. Serial No. 379,422. PUBLISHED AUGUST 18, 1936. Class 17.

340,268. SILICA PRODUCT IN POWDERED OR BRICK FORM PRODUCED FROM DIATOMACEOUS EARTH. SOLVANG DIATOMITE PRODUCTS & ENGINEERING COMPANY, Jersey City, N. J.
Filed June 9, 1936. Serial No. 379,487. PUBLISHED AUGUST 18, 1936. Class 1.

340,269. ARTIFICIAL BAITS. JAMES HEDDON'S SONS, Dowagiac, Mich.
Filed June 11, 1936. Serial No. 379,559. PUBLISHED AUGUST 25, 1936. Class 22.

340,270. SECTIONAL METAL VEHICLE BODIES AND PARTS THEREOF. THE KIRK & BLUM MANUFACTURING COMPANY, Cincinnati, Ohio.
Filed June 11, 1936. Serial No. 379,560. PUBLISHED AUGUST 25, 1936. Class 19.

340,271. MAGAZINE PUBLISHED FROM TIME TO TIME. UNITED MOTORS SERVICE INCORPORATED, Detroit, Mich.
Filed June 11, 1936. Serial No. 379,577. PUBLISHED AUGUST 25, 1936. Class 38.

340,272. WALL PAPER. 1860 WALL PAPER CORPORATION, Chicago, Ill.
Filed June 12, 1936. Serial No. 379,618. PUBLISHED AUGUST 18, 1936. Class 37.

340,273. WIRE COMPOSED OF AN ALLOY OF NON-PRECIOUS METALS FOR DENTAL PURPOSES. AUSTENAL LABORATORIES, INC., New York, N. Y.
Filed June 13, 1936. Serial No. 379,661. PUBLISHED AUGUST 25, 1936. Class 44.

340,274. ALL MANNER AND KINDS OF RAZORS, SHEARS, SCISSORS, KNIVES OF BASE METAL, AND HAIR CLIPPERS. CARL S. BRESNICK, New York, N. Y.
Filed June 13, 1936. Serial No. 379,666. PUBLISHED AUGUST 25, 1936. Class 23.

340,275. WOOLEN PIECE GOODS. FORSTMANN WOOLEN CO. Passaic, N. J.
Filed June 13, 1936. Serial No. 379,697. PUBLISHED AUGUST 25, 1936. Class 42.

340,276. COMMON AND TOILET PINS, SAFETY PINS, HAIRPINS, T HEAD PINS, SNAP FASTENERS, HOOKS AND EYES, NEEDLES FOR SEWING BY HAND, ALL MADE OF NON-PRECIOUS METAL. WILLIAM PRYM OF AMERICA, INC., New York and Long Island City, N. Y.
Filed March 26, 1936. Serial No. 376,444. PUBLISHED JULY 14, 1936. Class 40.

340,277. PLAY SUITS, FEMININE PAJAMAS, WOMEN'S AND MISSES' DRESSES, AND SWEATERS. WANDA GARMENT COMPANY, Los Angeles, Calif.
Filed March 23, 1936. Serial No. 376,313. PUBLISHED AUGUST 25, 1936. Class 39.

340,278. CELLULOSE LIQUID FINISHING COMPOUND FOR WOOD, METAL, MARBLE, LINOLEUM, AND LIKE USES. AMIGLAZE COMPANY, INC., New York, N. Y.
Filed June 3, 1936. Serial No. 379,224. PUBLISHED AUGUST 25, 1936. Class 16.

340,279. POULTRY GRIT. CALCIUM CARBONATE COMPANY, Chicago, Ill.
Filed June 3, 1936. Serial No. 379,227. PUBLISHED AUGUST 18, 1936. Class 1.

340,280. MONUMENTS AND MEMORIALS. LIBERTY GRANITE COMPANY, INC., St. Cloud, Minn.
Filed June 4, 1936. Serial No. 379,306. PUBLISHED AUGUST 18, 1936. Class 50.

340,281. PETROLEUM PRODUCTS, PARTICULARLY GASOLINE, MOTOR FUEL OIL, FURNACE FUEL OIL, DIESEL FUEL OIL, LUBRICATING GREASES, AND MOTOR LUBRICATING OIL. HUNLEY E. SEATON, El Centro, Calif.
Filed June 4, 1936. Serial No. 379,317. PUBLISHED AUGUST 18, 1936. Class 15.

340,282. CARDS FOR A GUESSING GAME. FRANCES SIDRANE, doing business as Elegant Premium Company, New York, N. Y.
Filed June 4, 1936. Serial No. 379,318. PUBLISHED AUGUST 25, 1936. Class 22.

340,283. LIVESTOCK AND POULTRY CONCENTRATE COMPOSED OF MATERIAL SUCH AS KELP, OYSTER SHELLS, AND FISH MEAL. IOWA FEED CORPORATION, Des Moines, Iowa.
Filed June 5, 1936. Serial No. 379,343. PUBLISHED AUGUST 25, 1936. Class 46.

340,284. COSMETICS AND TOILET PREPARATIONS—NAMELY, LOTIONS, TALCUM POWDER, FACE POWDER, DEODORANT, HAIR TONIC, MEDICATED SKIN CREAM, AND AFTER SHAVING LOTION. THE BENJAMIN ANSEHL COMPANY, doing business as The Mediskin Company, St. Louis, Mo.
Filed May 18, 1936. Serial No. 378,544. PUBLISHED AUGUST 18, 1936. Class 6.

340,285. LUBRICATING OIL MOTOR GUM SOLVENT AND COMPOUNDING MATERIAL FOR LUBRICATING OILS AND GREASES. THE SHALER COMPANY, Waupun, Wis.
Filed May 16, 1936. Serial No. 378,528. PUBLISHED AUGUST 18, 1936. Class 15.

340,286. FLOOR OILERS IN THE NATURE OF MOPS. SOCONY-VACUUM OIL COMPANY, INCORPORATED, New York, N. Y.
Filed May 15, 1936. Serial No. 378,504. PUBLISHED AUGUST 18, 1936. Class 29.

340,287. PORTLAND CEMENT. INTERNATIONAL CEMENT CORPORATION, New York, N. Y.
Filed May 13, 1936. Serial No. 378,400. PUBLISHED AUGUST 18, 1936. Class 12.

340,288. MEN'S HATS. CAPSON HAT CO. INC., Fall River, Mass.
Filed May 13, 1936. Serial No. 378,392. PUBLISHED AUGUST 4, 1936. Class 39.

340,289. COLLAR LININGS. COLD SPRING BLEACHERY, Yardley, Pa.
Filed May 12, 1936. Serial No. 378,359. PUBLISHED AUGUST 25, 1936. Class 42.

340,290. GASOLINE. THE RUGGLES-JACKSON COMPANY, Amarillo, Tex.
Filed May 11, 1936. Serial No. 378,348. PUBLISHED AUGUST 11, 1936. Class 15.

340,291. PRESENTATION TAGS AND/OR MAILING TAGS. SANTA CLAUS REMAILING CORPORATION, Bloomington, Ind.
Filed May 11, 1936. Serial No. 378,345. PUBLISHED AUGUST 18, 1936. Class 38.

340,292. BATH TUBS, BATH TUB FAUCETS, LAVATORIES, LAVATORY FAUCETS, WATER CLOSETS (TOILETS), SINKS, ETC. FIXZIT SYSTEM, INC., New York, N. Y.
Filed April 6, 1936. Serial No. 376,841. PUBLISHED AUGUST 25, 1936. Class 13.

340,293. SALT, SPECIFICALLY TABLE SALT. THE OHIO SALT COMPANY, Wadsworth, Ohio.
Filed June 19, 1936. Serial No. 379,970. PUBLISHED AUGUST 25, 1936. Class 46.

340,294. SALT, SPECIFICALLY TABLE SALT. THE OHIO SALT COMPANY, Wadsworth, Ohio.
Filed June 19, 1936. Serial No. 379,969. PUBLISHED AUGUST 25, 1936. Class 46.

340,295. INFANTS' AND NURSERY FURNITURE, PARTICULARLY INFANTS' PENS, CANOPY TOPS AND INSERTS THEREFOR, AND INFANTS' DRESSING STANDS. BABY BATHINETTE CORPORATION, Rochester, N. Y.
Filed June 19, 1936. Serial No. 379,943. PUBLISHED AUGUST 25, 1936. Class 32.

340,296. COATING MATERIALS FOR PROVIDING A PROTECTIVE FILM FOR PAINTED, ENAMELED, VARNISHED, OR LACQUERED SURFACES AND FOR MAINTAINING POLISHED METAL SURFACES BRIGHT. FRANKLIN RESEARCH COMPANY, Philadelphia, Pa.
Filed June 18, 1936. Serial No. 379,888. PUBLISHED AUGUST 25, 1936. Class 16.

340,297. LADIES' AND MISSES' COATS, SUITS, AND DRESSES. H. BOMZE AND BRO., Philadelphia, Pa.
Filed June 18, 1936. Serial No. 379,870. PUBLISHED AUGUST 25, 1936. Class 39.

340,298. LADIES' AND MISSES' COATS, SUITS, AND DRESSES. H. BOMZE AND BRO., Philadelphia, Pa.
Filed June 18, 1936. Serial No. 379,869. PUBLISHED AUGUST 25, 1936. Class 39.

340,299. TENNIS RACKETS. HOLLYWOOD RACKET MFG. CO., Hollywood, Calif.
Filed June 17, 1936. Serial No. 379,842. PUBLISHED AUGUST 25, 1936. Class 22.

340,300. RECEPTACLES—NAMELY, METAL GARBAGE CANS. WOOLWINE METAL PRODUCTS CO., Los Angeles, Calif.
Filed June 16, 1936. Serial No. 379,820. PUBLISHED AUGUST 25, 1936. Class 2.

340,301. FACIAL TISSUES. THE STERILEK COMPANY INC., Brooklyn, N. Y.
Filed June 16, 1936. Serial No. 379,814. PUBLISHED AUGUST 18, 1936. Class 37.

340,302. MEN'S AND BOYS' SUITS, TOPCOATS, AND OVERCOATS. LEVY BROS. & ADLER ROCHESTER, INCORPORATED, Rochester, N. Y.
Filed June 16, 1936. Serial No. 379,805. PUBLISHED AUGUST 18, 1936. Class 39.

340,303. FOUNTAIN PENS. W. A. SHEAFFER PEN COMPANY, Fort Madison, Iowa.
Filed May 18, 1936. Serial No. 378,592. PUBLISHED AUGUST 18, 1936. Class 37.

340,304. FLUIDS FOR DISINFECTING TELEPHONES. WILLIAM RAY MCDONALD, doing business as Saniphone Service, Limited, Vancouver, British Columbia, Canada.
Filed May 18, 1936. Serial No. 378,576. PUBLISHED AUGUST 18, 1936. Class 6.

340,305. CANNED FRUITS AND VEGETABLES, CANNED FISH, CANNED SHRIMP AND OYSTERS, OLIVES, PICKLES, CATSUP, AND HOT SAUCE. YOUNGLOVE GROCERY COMPANY, Tacoma, Wash.
Filed April 17, 1936. Serial No. 377,332. PUBLISHED AUGUST 25, 1936. Class 46.

340,306. WATER CLOSET TANKS, BOWLS, AND UNIT CLOSETS, I. E., COMBINATIONS OF TANK AND BOWL. NATIONAL-HELFRICH POTTERIES COMPANY, Evansville, Ind.
Filed April 20, 1936. Serial No. 377,409. PUBLISHED AUGUST 25, 1936. Class 13.

340,307. IMITATION BUCKSKIN. MAX ROSENBERG, New York, N. Y.
Filed April 20, 1936. Serial No. 377,420. PUBLISHED AUGUST 25, 1936. Class 50.

340,308. BARBED WIRE IN SPOOLS. JONES & LAUGHLIN STEEL CORPORATION, Pittsburgh, Pa.
Filed April 22, 1936. Serial No. 377,514. PUBLISHED AUGUST 25, 1936. Class 13.

340,309. CLOTHING AND ACCESSORIES—NAMELY, FUR COATS, FUR JACKETS, FUR SCARFS, AND FUR GLOVES. SILVERMAN & GREAN, INC., New York, N. Y.
Filed April 4, 1936. Serial No. 376,819. PUBLISHED AUGUST 4, 1936. Class 39.

340,310. SALT, SPECIFICALLY TABLE SALT. THE OHIO SALT COMPANY, Wadsworth, Ohio.
Filed June 19, 1936. Serial No. 379,971. PUBLISHED AUGUST 25, 1936. Class 46.

340,311. SALT, SPECIFICALLY TABLE SALT. THE OHIO SALT COMPANY, Wadsworth, Ohio.
Filed June 19, 1936. Serial No. 379,972. PUBLISHED AUGUST 25, 1936. Class 46.

340,312. INSECTICIDE. SUPERIOR CHEMICAL PRODUCTS, INC., Philadelphia, Pa.
Filed June 19, 1936. Serial No. 379,979. PUBLISHED AUGUST 18, 1936. Class 6.

340,313. MEDICINAL PREPARATION RECOMMENDED FOR TREATMENT OF ATHLETE'S FOOT. HAROLD A. BLUMER, doing business as Foot-Tola Co., Monroe, Wis.
Filed June 20, 1936. Serial No. 379,994. PUBLISHED AUGUST 18, 1936. Class 6.

340,314. CREAM SEPARATORS. WESTFALIA SEPARATOR COMPANY, INC., Bloomfield, N. J.
Filed June 20, 1936. Serial No. 380,028. PUBLISHED AUGUST 25, 1936. Class 23.

340,315. MEDICINAL PREPARATIONS FOR STOMACH, KIDNEY, AND LIVER TROUBLES. JOHN E. CLARK, Flint, Mich.
Filed June 22, 1936. Serial No. 380,036. PUBLISHED AUGUST 18, 1936. Class 6.

340,316. MEDICINAL PREPARATION ADAPTED PARTICULARLY FOR TREATMENT OF THE EYES. CHARLES H. CRAIN, Chicago, Ill.
Filed June 22, 1936. Serial No. 380,040. PUBLISHED AUGUST 18, 1936. Class 6.

340,317. VINEGAR. GREGORY-ROBINSON-SPEAS, INC., Rogers, Ark.
Filed June 22, 1936. Serial No. 380,055. PUBLISHED AUGUST 25, 1936. Class 46.

340,318. BRANDY. LA PERLA VINEYARD COMPANY, Chicago, Ill.
Filed June 22, 1936. Serial No. 380,061. PUBLISHED AUGUST 25, 1936. Class 49.

340,319. CARTONS FOR CAKES OR THE LIKE INCLUDING MEANS FOR CUTTING SAME. LENK & SPRAGUE CORPORATION, Upper Darby, Pa.
Filed June 22, 1936. Serial No. 380,064. PUBLISHED AUGUST 25, 1936. Class 2.

340,320. CHINAWARE, PORCELAINWARE, SEMI-PORCELAINWARE, EARTHENWARE, POTTERYWARE, AND CROCKERYWARE, ALL FOR TABLE, CULINARY, AND HOUSEHOLD PURPOSES. THE POPE-GOSSER CHINA CO., Coshocton, Ohio.
Filed June 22, 1936. Serial No. 380,074. PUBLISHED AUGUST 25, 1936. Class 30.

340,321. GLASSWARE FOR TABLE, CULINARY AND HOUSEHOLD PURPOSES. THE POPE-GOSSER CHINA CO., Coshocton, Ohio.
Filed June 22, 1936. Serial No. 380,075. PUBLISHED AUGUST 25, 1936. Class 33.

340,322. COTTON PIECE GOODS. BURTON BROTHERS & CO. INC., New York, N. Y.
Filed June 23, 1936. Serial No. 380,097. PUBLISHED AUGUST 25, 1936. Class 42.

340,323. PRESERVED CHERRIES. FRUIT PRODUCTS CORPORATION, Belleville, N. J., and New York, N. Y.
Filed June 23, 1936. Serial No. 380,100. PUBLISHED AUGUST 25, 1936. Class 46.

340,324. HEAVY LUBRICATING OIL. SOCIETE COMMERCIALE DES PRODUITS DU PETROLE, Paris, France.
Filed March 31, 1936. Serial No. 376,647. PUBLISHED AUGUST 18, 1936. Class 15.

340,325. SHOES IN LEATHER OR FABRIC AND COMBINATIONS THEREOF. PHILIP WEINSTEIN, doing business as Martin Weinstein Shoe Company, Brooklyn, N. Y.
Filed April 1, 1936. Serial No. 376,701. PUBLISHED AUGUST 4, 1936. Class 39.

340,326. MEN'S FELT AND STRAW HATS, MEN'S SUITS, OVERCOATS, TOP COATS, TROUSERS AND MACKINTOSHES, HOSIERY, DRESS AND NEGLIGEE SHIRTS, MEN'S LEATHER AND FABRIC GLOVES, NECKTIES AND SCARFS, SWEATERS, PAJAMAS, UNDERWEAR, AND LOUNGING ROBES, BATH ROBES, AND BEACH ROBES. P. A. MEYER & SONS, Erie, Pa.
Filed April 2, 1936. Serial No. 376,728. PUBLISHED AUGUST 4, 1936. Class 39.

340,327. MOISTURE, WATER, AND RAY PROOF PAPER, IN SHEETS, STRIPS, ROLLS, AND DIE-CUT FORMS, WHICH HAS BEEN TREATED ACCORDING TO A SPECIAL PROCESS. THE UNION LITHOGRAPH CO., INC., Los Angeles, Calif., assignor to S. S. Kauffman, Los Angeles, Calif.
Filed April 3, 1936. Serial No. 376,784. PUBLISHED AUGUST 18, 1936. Class 37.

340,328. POWDERED COMPOUND FOR MAKING MOULDED ARTICLES. BREEZE CORPORATIONS, INC., Newark, N. J.
Filed April 4, 1936. Serial No. 376,794. PUBLISHED AUGUST 18, 1936. Class 1.

340,329. BASE METAL CAN HOLDING PITCHERS. NATHAN H. BUSCHMAN, New York, N. Y.
Filed April 4, 1936. Serial No. 376,795. PUBLISHED AUGUST 25, 1936. Class 13.

340,330. PORTLAND CEMENT. INTERNATIONAL CEMENT CORPORATION, New York, N. Y.
Filed April 4, 1936. Serial No. 376,805. PUBLISHED AUGUST 18, 1936. Class 12.

340,331. ART NEEDLEWORK PACKAGE OUTFITS. BERNHARD ULMANN CO. INC., New York, N. Y.
Filed June 5, 1936. Serial No. 379,361. PUBLISHED AUGUST 25, 1936. Class 40.

340,332. UNCURED CAMELBACK RUBBER STOCK, FOR USE IN TIRE REPAIRING. THE FISK RUBBER CORPORATION, Chicopee Falls, Mass.
Filed June 6, 1936. Serial No. 379,376. PUBLISHED AUGUST 18, 1936. Class 1.

340,333. WORK CLOTHES FOR MEN, WOMEN, AND CHILDREN—NAMELY, PANTS, SHIRTS, AND OVERALLS, AND PLAY SUITS, FOR MEN, WOMEN, AND CHILDREN. THE HAWK AND BUCK COMPANY, INC., Fort Worth, Tex.
Filed June 6, 1936. Serial No. 379,380. PUBLISHED AUGUST 25, 1936. Class 39.

340,334. WINDSHIELD WIPERS AND PARTS THEREOF. THE ANDERSON COMPANY, Gary, Ind.
Filed June 8, 1936. Serial No. 379,410. PUBLISHED AUGUST 25, 1936. Class 19.

340,335. WELDING RODS (ELECTRODES). HARNISCHFEGER CORPORATION, Milwaukee, Wis.
Filed May 23, 1936. Serial No. 378,786. PUBLISHED AUGUST 18, 1936. Class 14.

340,336. ELECTRICALLY DRIVEN APPARATUS COMPRISING BONE GRINDERS, COFFEE-MILLS, KNIFE CLEANERS, MEAT CHOPPERS, ETC. LANDERS, FRARY & CLARK, New Britain, Conn.
Filed May 21, 1936. Serial No. 378,698. PUBLISHED AUGUST 25, 1936. Class 21.

340,337. CALENDARS. SANTA CLAUS REMAILING CORPORATION, Bloomington, Ind.
Filed May 21, 1936. Serial No. 378,714. PUBLISHED AUGUST 18, 1936. Class 38.

340,338. MEN'S DRESS SHIRTS, WORK SHIRTS, UNDERSHIRTS, UNDERDRAWERS, UNION SUITS, COLLARS, SWEATERS, BATHROBES, BATHING SHIRTS, BATHING TRUNKS, NECKTIES, BELTS FOR OUTER WEAR, SUSPENDERS, GARTERS, TROUSERS, OFFICE COATS, AND LUMBER JACKETS. EVA KLEIN GREENBERGER, New York, N. Y.
Filed May 22, 1936. Serial No. 378,750. PUBLISHED AUGUST 18, 1936. Class 39.

340,339. FABRIC BAGS. PERCY KENT BAG CO., INC., North Kansas City, Mo.
Filed July 13, 1936. Serial No. 380,960. PUBLISHED AUGUST 25, 1936. Class 2.

340,340. FABRIC BAGS. PERCY KENT BAG CO., INC., North Kansas City, Mo.
Filed July 13, 1936. Serial No. 380,961. PUBLISHED AUGUST 25, 1936. Class 2.

340,341. FABRIC BAGS. PERCY KENT BAG CO., INC., North Kansas City, Mo.
Filed July 13, 1936. Serial No. 380,962. PUBLISHED AUGUST 25, 1936. Class 2.

340,342. FABRIC BAGS. PERCY KENT BAG CO., INC., North Kansas City, Mo.
Filed July 13, 1936. Serial No. 380,963. PUBLISHED AUGUST 25, 1936. Class 2.

340,343. MANDOLINS, BANJOS, AND GUITARS. STAPPELBACH AND DUFFY CO., St. Louis, Mo.
Filed July 3, 1936. Serial No. 380,596. PUBLISHED AUGUST 25, 1936. Class 36.

340,344. RADIO RECEIVING SETS AND RADIO TUBES. WESTERN AUTO SUPPLY COMPANY, Kansas City, Mo.
Filed July 3, 1936. Serial No. 380,605. PUBLISHED AUGUST 25, 1936. Class 21.

340,345. RACKET STRINGS. JOHNSON SUTURE CORPORATION, Chicago, Ill.
Filed July 6, 1936. Serial No. 380,642. PUBLISHED AUGUST 25, 1936. Class 22.

340,346. FRESH CITRUS FRUIT. OLIVE HILLSIDE GROVES, Olive, Calif.
Filed July 6, 1936. Serial No. 380,658. PUBLISHED AUGUST 25, 1936. Class 46.

340,347. LADIES' PURSES AND POCKETBOOKS. WM. C. RATH CO., INC., New York, N. Y.
Filed July 6, 1936. Serial No. 380,664. PUBLISHED AUGUST 25, 1936. Class 3.

340,348. WHISKEY, GIN, RUM, BRANDY, AND ALCOHOLIC CORDIALS. S. E. RYKOFF & COMPANY, Los Angeles, Calif.
Filed July 6, 1936. Serial No. 380,671. PUBLISHED AUGUST 25, 1936. Class 49.

340,349. CARD GAMES. PHILIP ALEXANDER, London, England.
Filed July 7, 1936. Serial No. 380,690. PUBLISHED AUGUST 25, 1936. Class 22.

340,350. GOLF CLUB SHAFTS AND GOLF CLUB HEADS. GEORGE E. BARNHART, Pasadena, Calif.
Filed July 7, 1936. Serial No. 380,692. PUBLISHED AUGUST 25, 1936. Class 22.

340,351. CUPS OR CONTAINERS MADE OF PAPER OR SIMILAR MATERIAL. DIXIE-VORTEX COMPANY, Easton, Pa., and Chicago, Ill.
Filed July 7, 1936. Serial No. 380,703. PUBLISHED AUGUST 25, 1936. Class 2.

340,352. SILK PIECE GOODS. MARTHA MILLS INC., New York, N. Y.
Filed July 8, 1936. Serial No. 380,779. PUBLISHED AUGUST 25, 1936. Class 42.

340,353. WHISKEY, GIN, RUM, BRANDY, AND ALCOHOLIC CORDIALS. ORIGINAL JULIUS MARCUS LABORATORIES, INC., Jersey City, N. J.
Filed July 8, 1936. Serial No. 380,787. PUBLISHED AUGUST 25, 1936. Class 49.

340,354. NON-ALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS. RICHMOND-CHASE COMPANY, San Jose, Calif.
Filed July 8, 1936. Serial No. 380,794. PUBLISHED AUGUST 25, 1936. Class 45.

340,355. PINEAPPLE JUICE BEVERAGE. RICHMOND-CHASE COMPANY, San Jose, Calif.
Filed July 8, 1936. Serial No. 380,795. PUBLISHED AUGUST 25, 1936. Class 45.

340,356. SKI HARNESS. ARTHUR STEBBINS, doing business as Rattan Ski Binding Co., New York, N. Y.
Filed July 10, 1936. Serial No. 380,889. PUBLISHED AUGUST 25, 1936. Class 22.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

340,357. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MONTGOMERY MILLS, Jersey City, N. J. Filed Oct. 31, 1933. Serial No. 343,084.

ROMANOFF

For Tea.
Claims use since March, 1933.

340,358. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) BURGESS BATTERY COMPANY, Freeport, Ill. Filed Dec. 10, 1934. Serial No. 359,118.

Little Six

For Dry Cell Batteries.
Claims use since Nov. 23, 1934.

340,359. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE RAWLPLUG COMPANY, INC., New York, N. Y. Filed Sept. 12, 1935. Serial No. 369,239.

SCRU-PLUGS

For Screw Anchors.
Claims use since Sept. 4, 1935.

340,360. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RIVERSIDE CITRUS ASSN., Riverside, Calif. Filed Sept. 23, 1935. Serial No. 369,630.

XTRAFINE

For Fresh Citrus Fruit.
Claims use since Sept. 17, 1935.

340,361. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) JAMES R. KEARNEY CORPORATION, St. Louis, Mo. Filed Nov. 4, 1935. Serial No. 371,165.

TRIP SAVER

For Fuse Switches.
Claims use since Sept. 18, 1935.

340,362. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Dec. 23, 1935. Serial No. 373,000.

CAMBRIDGE

For Silver Tableware.
Claims use since Sept. 3, 1935.

340,363. (CLASS 37. PAPER AND STATIONERY.) SECURITY PRODUCTS COMPANY, Los Angeles, Calif. Filed Jan. 27, 1936. Serial No. 374,161.

Pen Well

For Ink Wells.
Claims use since July 25, 1935.

340,364. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PITMAN-MOORE COMPANY, Indianapolis, Ind. Filed Jan. 28, 1936. Serial No. 374,207.

FERRO-B

For Liquid Preparation for Use in the Treatment of Anemia.
Claims use since May 9, 1935.

340,365. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) SAMUEL C. BRODY, Brighton, Mass. Filed Feb. 11, 1936. Serial No. 374,775.

'Dubble-Spase'

For Metal Closet Rods.
Claims use since Jan. 2, 1932.

340,366. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) FRANK W. WEST, doing business as Ideal Manufacturing Co., Bellefonte, Pa. Filed Feb. 20, 1936. Serial No. 375,067.

KROSKUT STEAK

For Meat Tenderer.
Claims use since Sept. 3, 1935.

340,367. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE TWITCHELL-CHAMPLIN CO., Portland, Maine, and Boston, Mass. Filed May 27, 1936. Serial No. 378,958.

MELLOWCUTS

For Canned Pineapple.
Claims use since July 13, 1935.

340,368. (CLASS 8. SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.) GIMBEL BROTHERS, INC., New York, N. Y. Filed June 24, 1936. Serial No. 380,145.

DE LUXE GRAIN

For Briar Smoking Pipes, Pipe Racks, and Humidors.
Claims use since Apr. 1, 1935.

340,369. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) THE RAPID ELECTROTYPE CO., Cincinnati, Ohio. Filed July 29, 1936. Serial No. 381,578.

Salesbook

For Matrix or Flong Used in Stereotyping.
Claims use since July 1, 1935.

340,370. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) THE RAPID ELECTROTYPE CO., Cincinnati, Ohio. Filed July 29, 1936. Serial No. 381,579.

Magazinc

For Matrix or Flong Used in Stereotyping.
Claims use since July 1, 1935.

340,371. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) THE RAPID ELECTROTYPE CO., Cincinnati, Ohio. Filed July 29, 1936. Serial No. 381,580.

Telephone

For Matrix or Flong Used in Stereotyping.
Claims use since July 1, 1935.

340,372. (CLASS 37. PAPER AND STATIONERY.) THE GIFT BOX CORPORATION, Brooklyn, N. Y. Filed Aug. 15, 1936. Serial No. 382,214.

Snap-Fold

For Paper Folders.
Claims use since Feb. 25, 1935.

TRADE-MARK REGISTRATIONS RENEWED

110,638. CANDIES AND CHOCOLATES. Registered June 6, 1916. DIANA CHOCOLATE CO. Renewed June 6, 1936, to Novia Candy Co., Inc., Brooklyn, N. Y., a corporation of New York, successor.

111,493. A REMEDY FOR NEURALGIA AND RHEUMATISM AND BLOOD-PURIFIER. Registered July 18, 1916. MARY GALAMBOS, Chicago, Ill. Renewed July 18, 1936.

112,215. HAMS, BACON, LARD, SAUSAGE, OLEOMARGARIN. Registered August 22, 1916. EUGENE W. PENLEY. Renewed August 22, 1936, to Ralph W. Crockett, Beatrice E. P. Stephens, and F. Owen Stephens, trustees of the estate of Eugene W. Penley, deceased, Auburn, Maine, legal representatives.

112,228. INTERNAL-COMBUSTION ENGINES. Registered August 22, 1916. THE ST. MARYS OIL ENGINE COMPANY, St. Charles, Mo. Renewed August 22, 1936, to F. E. Durst, doing business as The St. Marys Oil Engine Company, Chicago, Ill., and St. Charles, Mo., successor.

112,343. A TOY SOUND-REPRODUCING MACHINE. Registered August 29, 1916. WIZARD PRODUCTS CO. Renewed August 29, 1936, to Wizard, Inc., Chicago, Ill., a corporation of Delaware, assignee.

112,553. CERTAIN NAMED FOODS. Registered September 12, 1916. EUGENE W. PENLEY. Renewed September 12, 1936, to Ralph W. Crockett, Beatrice E. P. Stephens, and F. Owen Stephens, trustees of the estate of Eugene W. Penley, deceased, Auburn, Maine, legal representatives.

112,846. A MEAT-PRESERVER CONSISTING OF A DISTILLATE OBTAINED FROM WOOD. Registered October 3, 1916. BLUFFTON CHEMICAL COMPANY, Bluffton, Ind., a firm. Renewed October 3, 1936.

112,862. SENSITIVE PHOTOGRAPHIC FILM. Registered October 3, 1916. EASTMAN KODAK CO., Renewed October 3, 1936, to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey, assignee.

112,863. SENSITIVE PHOTOGRAPHIC FILM. Registered October 3, 1916. EASTMAN KODAK CO. Renewed October 3, 1936, to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey, assignee.

112,864. SENSITIVE PHOTOGRAPHIC FILM. Registered October 3, 1916. EASTMAN KODAK CO. Renewed October 3, 1936, to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey, assignee.

112,865. SENSITIVE PHOTOGRAPHIC FILM. Registered October 3, 1916. EASTMAN KODAK CO. Renewed October 3, 1936, to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey, assignee.

112,866. SENSITIVE PHOTOGRAPHIC FILM. Registered October 3, 1916. EASTMAN KODAK CO. Renewed October 3, 1936, to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey, assignee.

112,867. SENSITIVE PHOTOGRAPHIC FILM. Registered October 3, 1916. EASTMAN KODAK CO. Renewed October 3, 1936, to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey, assignee.

112,868. SENSITIVE PHOTOGRAPHIC FILM. Registered October 3, 1916. EASTMAN KODAK CO. Renewed October 3, 1936, to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey, assignee.

112,869. SENSITIVE PHOTOGRAPHIC FILM. Registered October 3, 1916. EASTMAN KODAK CO. Renewed October 3, 1936, to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey, assignee.

112,870. SENSITIVE PHOTOGRAPHIC FILM. Registered October 3, 1916. EASTMAN KODAK CO. Renewed October 3, 1936, to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey, assignee.

112,871. SENSITIVE PHOTOGRAPHIC FILM. Registered October 3, 1916. EASTMAN KODAK CO. Renewed October 3, 1936, to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey, assignee.

112,872. SENSITIVE PHOTOGRAPHIC FILM. Registered October 3, 1916. EASTMAN KODAK CO. Renewed October 3, 1936, to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey, assignee.

112,873. SENSITIVE PHOTOGRAPHIC FILM. Registered October 3, 1916. EASTMAN KODAK CO. Renewed October 3, 1936, to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey, assignee.

113,036. SENSITIVE PHOTOGRAPHIC FILM. Registered October 10, 1916. EASTMAN KODAK CO. Renewed October 10, 1936, to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey, assignee.

113,037. SENSITIVE PHOTOGRAPHIC FILM. Registered October 10, 1916. EASTMAN KODAK CO. Renewed October 10, 1936, to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey, assignee.

113,038. SENSITIVE PHOTOGRAPHIC FILM. Registered October 10, 1916. EASTMAN KODAK CO. Renewed October 10, 1936, to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey, assignee.

113,039. LACQUERS. Registered October 10, 1916. EASTMAN KODAK CO. Renewed October 10, 1936, to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey, assignee.

113,234. PHOTOGRAPHIC FILM, PHOTOGRAPHIC-FILM SUPPORTS, AND PHOTOGRAPHIC-PRINTING MASKS. Registered October 10, 1916. EASTMAN KODAK CO. Renewed October 10, 1936, to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey, assignee.

113,354. WATCHES, WATCH-MOVEMENTS, AND WATCH-CASES. Registered October 17, 1916. CHATELAIN LEAL & CIE., Chaux-de-fonds, Switzerland, and London, England. Renewed October 17, 1936, to Record & Dreadnought Watches, Ltd., London, England, a corporation of Great Britain, successor.

113,556. LEATHER AND CANVAS BOOTS AND SHOES. Registered October 24, 1916. BERENICE BROWN, Brookline, Mass. Renewed October 24, 1936, to trustees for Arch Preserver Shoe Patents, New York, N. Y., successor.

113,889. CERTAIN NAMED MEASURING AND SCIENTIFIC APPLIANCES. Registered November 7, 1916. LANDERS, FRARY & CLARK, New Britain, Conn., a corporation of Connecticut. Renewed November 7, 1936.

114,356. MEAT-CHOPPERS. Registered December 12, 1916. HUSQVARNA VAPENFABRIKS AKTIEBOLAG, Huskvarna, Sweden, a corporation of Sweden. Renewed December 12, 1936.

114,471. GOLF-BALLS. Registered December 19, 1916. W. T. HENLEY'S TELEGRAPH WORKS CO. LD., London, Wall, London, England. Renewed December 19, 1936, to Henley's Tyre and Rubber Co. Ltd., London, England, a limited liability company of Great Britain, assignee.

114,518. PAPER BOXES. Registered December 19, 1916. MILWAUKEE PAPER BOX CO., Milwaukee, Wis., a corporation of Wisconsin. Renewed December 19, 1936.

114,543. HEPATIC INSUFFICIENCY, INTESTINAL PUTREFACTION, HABITUAL CONSTIPATION, AND GALL-STONES. Registered December 19, 1916. THE PAUL PLESSNER CO. Renewed December 19, 1936, to The Paul Plessner Co., Detroit, Mich., a corporation of Delaware, successor.

115,053. FACE-POWDER, COLD-CREAM, HAIR-WASH, TOOTH-PASTE, ROUGE, SHAMPOO PREPARATIONS, PERFUME. Registered January 23, 1917. THE ARMAND COMPANY, Des Moines, Iowa, a corporation of Iowa. Renewed January 23, 1937.

115,274. FACE-POWDER, COLD-CREAM, HAIR-WASH, TOOTH-PASTE, ROUGE, SHAMPOO PREPARATIONS, AND PERFUME. Registered February 6, 1917. THE ARMAND COMPANY, Des Moines, Iowa, a corporation of Iowa. Renewed February 6, 1937.

115,583. ROTARY PUMPS. Registered February 27, 1917. BLACKMER ROTARY PUMP CO., Petoskey, Mich. Renewed February 27, 1937, to Blackmer Rotary Pump Co., Grand Rapids, Mich., a corporation of Michigan.

115,604. COLORED VARNISH-FINISH. Registered February 27, 1917. FORT WAYNE DRUG COMPANY, Fort Wayne, Ind, a corporation of Indiana. Renewed February 27, 1937.

115,638. PIECE GOODS WITH COTTON WARP AND FILLING OF WOOL, MOHAIR, OR ALPACA. Registered February 27, 1917. LESHER, WHITMAN & CO., INC., New York, N. Y. Renewed February 27, 1937, to Goodall Worsted Co., Sanford, Maine, a corporation of Maine, successor.

115,644. METAL DERAILS. Registered February 27, 1917. THE MADDEN COMPANY. Renewed February 27, 1937, to Maintenance Equipment Company, Chicago, Ill., a corporation of Illinois, by change of name.

115,717. WALL, FLOOR, AND CEILING TILES FOR INTERIOR AND EXTERIOR PURPOSES. Registered March 6, 1917. AMERICAN ENCAUSTIC TILING CO. LTD., Zanesville, Ohio, Maurer, N. J., and New York, N. Y. Renewed March 6, 1937, to American Encaustic Tiling Company, Inc., New York, N. Y., a corporation of New York, assignee.

115,766. FRESH MEATS, CURED MEATS, COOKED MEATS, CANNED MEATS, SALTED MEATS, SAUSAGES, LARD, AND OLEOMARGARIN. Registered March 6, 1917. KINGAN & COMPANY, Belfast, Ireland, and Indianapolis, Ind. Renewed March 6, 1937, to Kingan & Co., Incorporated, Indianapolis, Ind., a corporation of New Jersey, assignee.

115,779. SILK PIECE GOODS. Registered March 6, 1917. H. R. MALLINSON & CO. Renewed March 6, 1937, to Mallinson Fabrics Corporation, New York, N. Y., a corporation of New York, assignee by mesne assignments.

115,856. SILK PIECE GOODS. Registered March 13, 1917. H. R. MALLINSON & CO. Renewed March 13, 1937, to Mallinson Fabrics Corporation, New York, N. Y., a corporation of New York, assignee by mesne assignments.

115,857. SILK PIECE GOODS. Registered March 13, 1917. H. R. MALLINSON & CO. Renewed March 13, 1937, to Mallinson Fabrics Corporation, New York, N. Y., a corporation of New York, assignee by mesne assignments.

LABELS

REGISTERED NOVEMBER 3, 1936

48,358.—*Title:* UNCLE WASH STOVE POLISH. For Stove polish. J. H. ANDERSON, Shenandoah, Iowa. Published August 14, 1936.

48,359.—*Title:* SAN FRANCISCO-OAKLAND BAY BRIDGE 18 MINIATURE POST CARDS. For Miniature Post Cards. J. C. BARDELL, San Francisco, Calif. Published April 1, 1936.

48,360.—*Title:* J. C. BARDELL. For Pictures. J. C. BARDELL, San Francisco, Calif. Published July 1, 1936.

48,361.—*Title:* HASSEL'S SHOES. For Shoes. BIRD & SON, INC., East Walpole, Mass. Published September 21, 1936.

48,362.—*Title:* EUREKA INCENSE. For Incense. STANLEY F. CLARKE, New York, N. Y. Published June 18, 1936.

48,363.—*Title:* G E. For a Preparation for Treating Disorders of the Stomach. D. F. S. LABORATORIES, INC., Spokane, Wash. Published July 29, 1936.

48,364.—*Title:* POPEYE CARICA TEA. For Carica Tea. RICHARD ELMER ECKERT, Orange, Calif. Published July 11, 1936.

48,365.—*Title:* BUDDY BLOCKS. For Children's Play and Building Blocks. CHARLES RUSSELL KIRKLEY, Plymouth, Ind. Published August 27, 1936.

48,366.—*Title:* KNIGHT. For One Coat Gloss White. KNIGHT PAINT & VARNISH CO., INC., Brooklyn, N. Y. Published August 25, 1936.

48,367.—*Title:* DUNWASHIN DIADIES. For Diapers. JOY PRODUCTS CORPORATION, Little Falls, N. Y. Published June 20, 1936.

48,368.—*Title:* RECONDITIONING, EGG WHITE EGG'N'OIL CREAM, SHAMPOO MASSAGE. For a Cream for Massaging the Scalp and Shampooing the Hair. LE CLAIR OIL CO., New York, N. Y. Published August 4, 1936.

48,369.—*Title:* CREAM OF RYE. For Straight Rye Whiskey. SIEGFRIED LOEWENTHAL COMPANY, Cleveland, Ohio. Published August 1, 1936.

48,370.—*Title:* HONOR BREAD. For Bread. NATIONAL GROCERY COMPANY, Jersey City, N. J. Published August 18, 1936.

48,371.—*Title:* SUN GLO BRAND, UPHOLSTERERS CLEANER. For a Cleansing Preparation. C H OLDS, Chicago, Ill. Published August 1, 1936.

48,372.—*Title:* ROYAL. For Salad Gelatin (Aspic). STANDARD BRANDS INCORPORATED, New York, N. Y. Published September 18, 1936.

48,373.—*Title:* ROYAL. For Chocolate Flavor Pudding. STANDARD BRANDS INCORPORATED, New York, N. Y. Published September 1, 1936.

48,374.—*Title:* GOLDEN OIL SOAP. For Vegetable Oil Soap. THE STEVENS GREASD & OIL COMPANY, Cleveland, Ohio. Published September 8, 1936.

48,375.—*Title:* ESTEY FIBRE-TEX. For Towels. STEVENS & THOMPSON PAPER COMPANY, New York, N. Y. Published April 17, 1936.

48,376.—*Title:* ESTEY FOREST FABRIC. For Towels. STEVENS & THOMPSON PAPER COMPANY, New York, N. Y. Published April 17, 1936.

48,377.—*Title:* TIVOLI PALE SELECT BEER, TOAST OF THE TQWN. For Beer. TIVOLI BREWING COMPANY, Detroit, Mich. Published September 15, 1936.

48,378.—*Title:* SLICED FINE-TEX WHITE. For White Bread. WESTERN WAXED PAPER COMPANY, Oakland, Calif. Published February 1, 1936.

48,379.—*Title:* CONGRESSIONAL CLUB. For Straight Rye Whiskey. THE FRANK L. WIGHT DISTILLING COMPANY, Baltimore, Md. Published September 3, 1936.

PRINTS

REGISTERED NOVEMBER 3, 1936

15,908.—*Title:* ROLLING BEARINGS. For Antifriction Bearings and Bearing Structures. DODGE MANUFACTURING CORPORATION, Mishawaka, Ind. Published May 16, 1936.

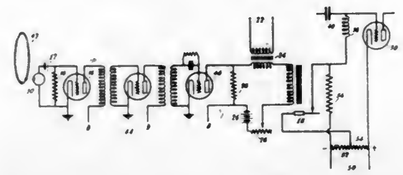
15,909.—*Title:* HATS AND GLOVES ARE A NATURAL COMBINATION. For Gloves. LOUIS MEYERS & SON, INC., New York, N. Y. Published April 6, 1936.

15,910.—*Title:* AS ONE TWIN TO ANOTHER. For Furniture. JOHN MULLINS & SONS, INC., Brooklyn, N. Y. Published July 24, 1936.

15,911.—*Title:* SWEET AND LOW. For Pecans and Smooth Milk Chocolate. DIONIOI PERRONE, doing business as Perrone Candy Co., New York, N. Y. Published May 7, 1936.

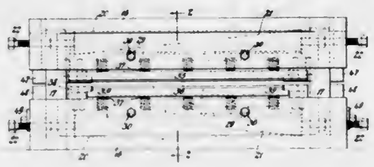
15,912.—*Title:* MAJESTIC. For Genuine English Leather Straps. H. SEGAL, New York, N. Y. Published January 1, 1936.

20,153
SIGNALING
Ernst F. W. Alexanderson, Schenectady, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Original No. 1,839,455, dated January 5, 1932, Serial No. 285,927, June 16, 1928. Renewed August 23, 1929. Application for reissue October 30, 1933, Serial No. 695,935
20 Claims. (Cl. 178—5)



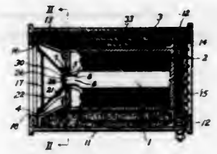
1. The method of transmitting pictures which includes modulating electrical energy in accordance with the light intensity of the picture, superimposing alternating interrupter energy of constant frequency and amplitude on the modulated energy, and radiating signaling energy only when the superimposed wave exceeds a predetermined mean value in amplitude.

20,154
MANUFACTURE OF EXPANDED METAL
Herbert K. Baker, Kokomo, Ind.
Original No. 1,890,173, dated December 6, 1932, Serial No. 356,331, April 19, 1929. Application for reissue September 4, 1936, Serial No. 99,530
6 Claims. (Cl. 164—6.5)



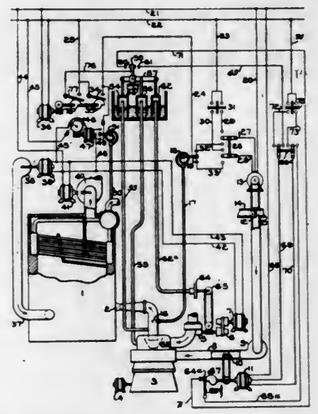
6. In a method for manufacturing lathing having strands of a predetermined width from blank sheets, the steps of producing groups of parallel slits in the sheets spaced from each other a distance greater than the predetermined width of the strands to be produced, to provide groups of relatively wide strands, the slits of one group being inclined oppositely with respect to the slits of an adjacent group, subsequently producing additional and similar groups of slits in the sheets the individual slits of which are parallel to and extend between slits of the first groups, whereby said relatively wide strands are divided into strands of said predetermined width, and then subjecting the slitted sheets to an expanding operation.

20,155
ELECTRO-DYNAMIC MICROPHONE
Clinton R. Hanna, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania
Original No. 1,792,300, dated February 10, 1931, Serial No. 52,269, August 25, 1925. Renewed July 17, 1929. Application for reissue July 30, 1932, Serial No. 628,434
33 Claims. (Cl. 179—115.5)



33. In a signal translating device, a conical diaphragm, an annular support adjacent the large end thereof, a support adjacent the small end thereof, and flexible connections between each of said supports and the diaphragm, and a coil entirely located at the small end of the cone.

20,156
CONTROL SYSTEM
Ralph M. Hardgrove, Westfield, N. J., assignor to The Babcock & Wilcox Company, New York, N. Y., a corporation of New Jersey
Original No. 2,012,934, dated August 27, 1935, Serial No. 536,037, May 8, 1931. Application for reissue August 22, 1936, Serial No. 97,472
10 Claims. (Cl. 83—9)



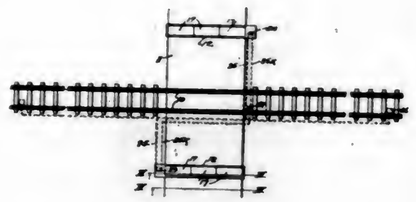
4. In a pulverizing apparatus, a pulevrizing mill including means for feeding thereinto material to be pulverized, means for supplying air to the mill to provide a carrier for the pulverized material, means comprising a fan for withdrawing the air and pulverized material in suspension from the mill, control means for varying the speed of the fan, and automatic means responsive to the rate of feed of material to the mill for positioning said control means.

20,157
CROSSING GUARD

Glenn W. Goodman, deceased, late of Memphis, Tenn., by William B. Rosenfield, executor, Memphis, Tenn., assignor to The Grade Crossing Guard Corp., Memphis, Tenn., a corporation of Tennessee

Original No. 1,878,234, dated September 20, 1932, Serial No. 533,023, April 27, 1931. Application for reissue September 18, 1934, Serial No. 744,722

27 Claims. (Cl. 39—6)



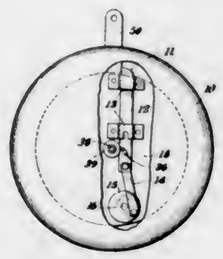
1. A crossing guard, comprising a bumper disposed across a highway approach to said crossing below the surface thereof and adapted to be elevated above said surface, an intermediate member actuatably carried by said casing, resilient means connecting said intermediate member and said bumper, means for actuating said intermediate member to raise said bumper, and means connected to said bumper for restraining upward speed thereof, and means for decreasing restraining action at a predetermined point.

20,158
FIRE ALARM DEVICE

Joseph Grison, New York, N. Y., assignor to National Fire Detector Corporation, a corporation of Delaware

Original No. 1,987,590, dated January 8, 1935, Serial No. 704,885, January 2, 1934. Application for reissue March 4, 1936, Serial No. 67,187

8 Claims. (Cl. 116—106)



7. In a fire alarm device, a bell, a clapper therefor, a heat movable device, a stop carried by said clapper and normally engaging said heat movable device, said heat movable device being movable laterally out of engagement with said stop so as to release the clapper when a predetermined temperature has been reached, and means to operate repeatedly said clapper longitudinally of its length when it is released.

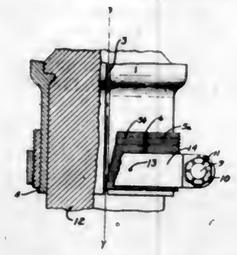
20,159
PROPELLER CLAMPING AND BALANCING RING

John E. Larason, Dayton, Ohio

Original No. 1,995,312, dated March 26, 1935, Serial No. 716,509, March 20, 1934. Application for reissue December 17, 1935, Serial No. 54,954

10 Claims. (Cl. 170—160)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



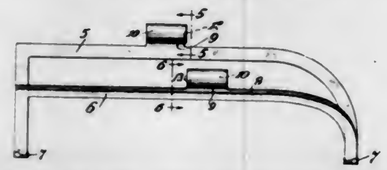
1. In a propeller, means for effecting vertical and horizontal balance of said propeller comprising, two sets of ring members oppositely disposed with respect to the axis of propeller rotation and surrounding the blades of the propeller adjacent the root end thereof, each set including inner and outer concentrically arranged ring members, one of said members having its center of gravity eccentrically disposed with respect to the longitudinal axis of said propeller and being angularly adjustable with and linearly adjustable relative to the other member for obtaining vertical and horizontal balance respectively, and having clamping means for locking the same to said other ring member and to said propeller.

20,160
HANDBAG FRAME

Edward Poeter, Irvington, N. J., assignor to E. Poeter & Co., Irvington, N. J., a corporation of New Jersey

Original No. 1,948,393, dated February 20, 1934, Serial No. 570,853, October 24, 1931. Application for reissue December 26, 1935, Serial No. 56,272

2 Claims. (Cl. 150—29)



2. In a handbag frame, opposite frame sections consisting of U-shaped channels having outer walls over which the bag fabric can pass for securement in the adjacent channels and having parallel inner walls, a longitudinal member on each inner wall integrally joined thereto along its lower longitudinal side edge, a finger grip directly engaged with and extending along the upper longitudinal side edge of each longitudinal member and overhanging the inner face as well as the outer face thereof and the adjacent channel of the section, said longitudinal members with their grips being out of alignment transversely of the sections and the inner end faces of said grips being adjacent one another to permit closing full face contact of the inner sections, said members extending from their inner adjacent longitudinal ends in opposite directions along their respective sections.

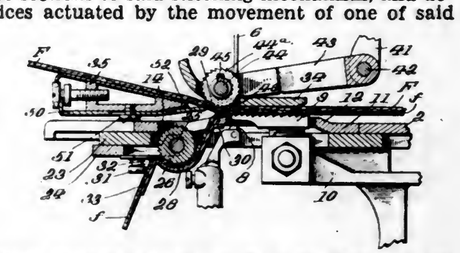
20,161
SEWING MACHINE

Albert S. Riviere, Chicago, Ill., assignor to Union Special Machine Company, Chicago, Ill., a corporation of Illinois

Original No. 2,040,408, dated May 12, 1936, Serial No. 753,956, November 20, 1934. Application for reissue September 10, 1936, Serial No. 100,214

23 Claims. (Cl. 112—208)

1. In a sewing machine, the combination of a work support, stitching mechanism, feeding mechanism, means for directing superposed fabric sections to said stitching mechanism, and devices actuated by the movement of one of said

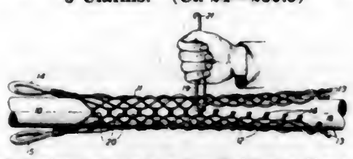


fabric sections contacting with and feeding the other fabric section to the stitching mechanism at a faster rate of feed.

PATENTS

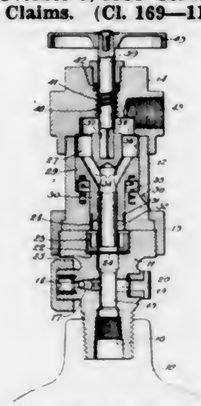
GRANTED NOVEMBER 3, 1936

2,059,188
CABLE GRIP LINK
Edward L. Alford, Union City, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 26, 1935, Serial No. 28,471
3 Claims. (Cl. 24—230.5)



1. A fastening means for linking adjacent edge portions of a loosely woven jacket comprising two parallelly spaced S-shaped hooks joined together at one end and having the point of joining of the ends of the S-shaped hooks turned outward from the hook portion.

2,059,189
DISCHARGE HEAD FOR FLUID CONTAINERS
Scott E. Allen, Glen Ridge, N. J., assignor to C-O-Two Fire Equipment Company, Newark, N. J., a corporation of Delaware
Application October 9, 1934. Serial No. 747,561
5 Claims. (Cl. 169—11)

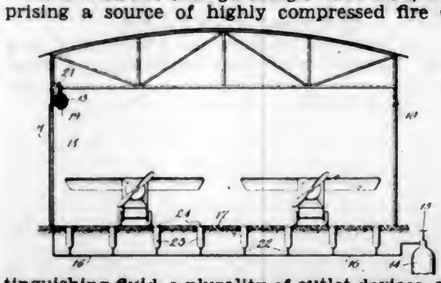


2. A discharge head for a container holding fluid under pressure, said container having an opening normally closed by a sealing disk, said head comprising a hollow body having a discharge port, a cutter mounted to rotate and to slide axially in the body, manually operable screw means for advancing and rotating the cutter to penetrate the disk and release said fluid into the body, and means operable by fluid pressure either independently of the manual means or conjointly therewith to advance the cutter and penetrate the disk.

2,059,190
FIRE EXTINGUISHING SYSTEM
Scott E. Allen, Glen Ridge, N. J., assignor to C-O-Two Fire Equipment Company, Newark, N. J., a corporation of Delaware
Application December 22, 1934. Serial No. 758,819
15 Claims. (Cl. 169—11)

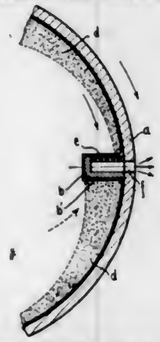
1. The method of extinguishing a fire in an enclosure having a floor, the fire being located above the floor level, which consists in forming a screen of carbon dioxide gas immediately under the fire in position to be drawn up into the fire by suction produced by the fire, and continuously supplying said gaseous screen with jets of gas issuing through said floor but of insufficient velocity to reach the fire in the form of jets.

14. A fixed fire extinguishing installation, comprising a source of highly compressed fire ex-



tinguishing fluid, a plurality of outlet devices, and means for controlling discharge of fluid from said source through said devices, each of the latter comprising an expansion chamber open at one end and having a substantially hemi-spherical wall closing the opposite end, a discharge nozzle connected to said source and opening through said wall, and a baffle plate overlying but spaced from the nozzle adjacent said wall.

2,059,191
DEHYDRATION APPARATUS
Lüdwig Altpeter, Essen, Germany
Application November 30, 1934, Serial No. 755,463
In Germany December 2, 1933
2 Claims. (Cl. 210—76)



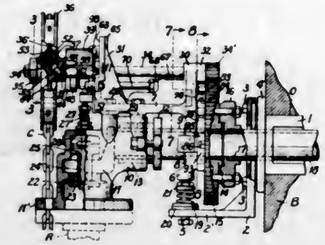
1. In a centrifugal dehydration apparatus comprising a centrifuging drum, means for rotating the said drum, a distributor adapted for rotation and for reciprocation along the axis of the drum, means for rotating and reciprocating the distributor and means for feeding the material to be centrifuged to the distributor, a hollow body for draining the liquid from the material to be centrifuged, said hollow body being disposed against the wall of the drum parallel with the axis to extend into the material and presenting an imperforate surface at the forward side, considered in the direction of rotation of the drum, the rear

side surface being formed with slots or holes, and outlet means for discharging to the exterior of the drum the liquid passing into the hollow bodies.

2,059,192
LUBRICATING OIL
Edwin J. Barth, Chicago, Ill., and Ralph P. Coriew, Hammond, Ind., assignors to Sinclair Refining Company, New York, N. Y., a corporation of Maine
No Drawing. Application June 11, 1935, Serial No. 26,038
1 Claim. (Cl. 87—9)

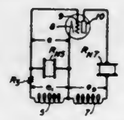
A wax-containing lubricating oil including, as a pour depressor, an aluminum salt of the organic acids produced by oxidation of paraffin wax.

2,059,193
SOOT BLOWER
Leo J. Bayer, St. Louis, Mo.
Application May 28, 1936, Serial No. 82,182
5 Claims. (Cl. 122—392)



5. A boiler cleaner having a rotatable blower tube, a valve for admitting steam thereto, means for opening and closing the valve, means for rotating the blower tube in one direction after opening the valve, and in the reverse direction after having closed the valve, and means interposed between the valve operating means and the blower tube operating means for permanently fixing said cycle of operations.

2,059,194
ELECTRICAL CIRCUIT
Delamar T. Bell, West New Brighton, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 23, 1934, Serial No. 732,043
10 Claims. (Cl. 175—294)



1. In combination, trigger type tubes arranged in push-pull relation, means for impressing upon the grids and anodes of said tubes voltages in opposing phases from the same source, said tubes tending to discharge at different values of impressed voltage as their operating temperature changes, non-linear resistances in the grid circuits so arranged that at a predetermined condition of grid and anode voltages, the tubes will become conducting regardless of tube temperature.

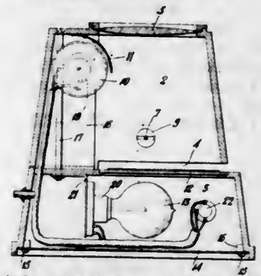
2,059,195
ARYL MERCURY AROMATIC CARBOXYLATES
Carl N. Andersen, Watertown, Mass., assignor to Lever Brothers Company, a corporation of Maine
No Drawing. Application January 9, 1935, Serial No. 966
13 Claims. (Cl. 260—13)

1. A new organic compound of the general formula $RHg.R_1$, in which R represents an aromatic structure to a carbon atom of which the mercury is directly attached, and in which none of the carbon atoms has direct linkage with any element other than hydrogen, carbon and mercury; and in which R_1 represents an aromatic mononuclear carboxylic acid radical, in which at least one of the nuclear hydrogens has been replaced by an oxy group, which radical is linked to the RHg group through the replacement of the carboxylic hydrogen atom.

2,059,196
ARYL MERCURY SALTS OF OXYACIDS OF CHROMIUM
Carl N. Andersen, Watertown, Mass., assignor to Lever Brothers Company, a corporation of Maine
No Drawing. Application January 9, 1935, Serial No. 968
6 Claims. (Cl. 260—13)

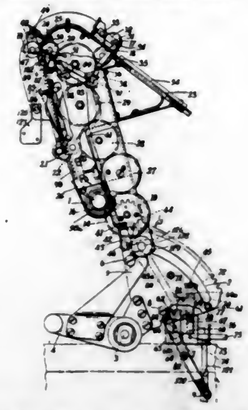
1. A new organic mercury compound of the general formula $(RHg)_2R_1$ in which R represents an aromatic structure, to a carbon atom of which the mercury is directly attached, and in which none of the carbon atoms has direct linkage with any element other than hydrogen, carbon and mercury; and in which R_1 represents an acidic radical containing chromium and oxygen which is linked to the RHg groups through the replacement of the acidic hydrogen atoms.

2,059,197
COUNTERFEIT PAPER MONEY DETECTOR
Franklyn E. Backer and John Moles, Fort Lee, N. J., assignors to Ralph P. Rockwood and Chester F. Backer
Application May 17, 1935, Serial No. 21,955
1 Claim. (Cl. 88—14)



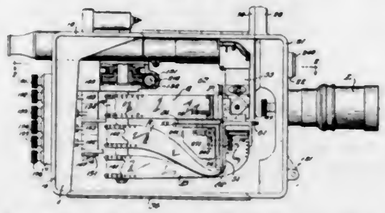
An examining device comprising a housing of a truncated pyramid formed in two sections, each section having a chamber therein, an aperture for the insertion of articles to be examined between the two sections, a ground glass roof for the bottom section, said ground glass roof forming the support for the article under examination, a lamp below said ground glass, a standard fixedly secured to the lower chamber and extending into said upper chamber, a lamp above said ground glass in the upper chamber supported by said standard, said upper chamber being removably mounted upon said lower chamber, and a lens in the top of said upper chamber.

2,059,198
PAPER FEEDING MECHANISM FOR STATISTICAL MACHINES
Richard Everest Baldwin, Thornton Heath, England, assignor to The Accounting and Tabulating Corporation of Great Britain Limited, London, England
Application July 3, 1934, Serial No. 733,559
In Great Britain July 6, 1933
11 Claims. (Cl. 235—58)



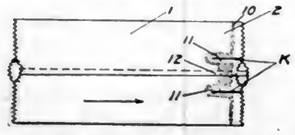
1. In sheet feeding mechanism for a statistical machine having a platen and line spacing mechanism therefor, the combination of means for rotating the platen to a constant extent independently of the line spacing mechanism to eject a sheet from the platen, auxiliary sheet feeding means having sheet gripping members disposed to feed a sheet to the platen, means for operating said auxiliary sheet feeding means simultaneously with the means for rotating the platen independently of the line spacing mechanism, means for releasing said sheet gripping means after a feeding operation to permit insertion of a new sheet and means for causing said auxiliary feeding means to grip the sheet prior to a feeding operation.

2,059,199
FEEDING DEVICE
Joseph A. Ball, Los Angeles, Calif.
Original application August 20, 1931, Serial No. 558,193. Divided and this application April 21, 1933, Serial No. 667,222
7 Claims. (Cl. 271—2.3)



1. In combination with a film sprocket, two arms rotatably mounted for independent movement on a common axis and extending from said axis over opposite sides of the periphery of said sprocket, two rollers mounted on each of said arms for engaging films along substantially opposite portions of said periphery, and means for independently arresting said arms with said rollers in film engaging and disengaging positions.

2,059,200
BAG TUBE AND METHOD OF MAKING SAME
Thomas O. Bancroft, Monroe, La.
Application October 18, 1934, Serial No. 748,855
3 Claims. (Cl. 93—35)



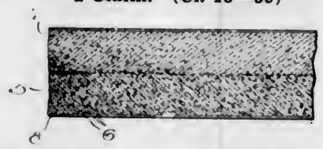
1. In the art of making multiple-ply wall bags the step of gluing together sheets of bag material by placing between them glue tabs which include variations that delineate the depth and position for cuts and the step of bringing together the sheets of bag material and sticking the same together after the glue tab has been placed between them.

2,059,201
RECOVERY OF ORGANIC ACIDS FROM OXIDATION PRODUCTS OF HYDROCARBONS
Hans Beller, Ludwigshafen-on-the-Rhine, and Max Schellmann, Mannheim, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application December 26, 1934, Serial No. 759,230. In Germany November 7, 1933
14 Claims. (Cl. 260—122)

1. A process for recovering fatty acids which comprises subjecting an oxidation product from the liquid-phase oxidation of from liquid to solid, non-aromatic hydrocarbons, comprising the saponifiable constituents formed in the oxidation, to a hydrogenation treatment under superatmospheric pressure in the presence of an alkaline reacting agent.

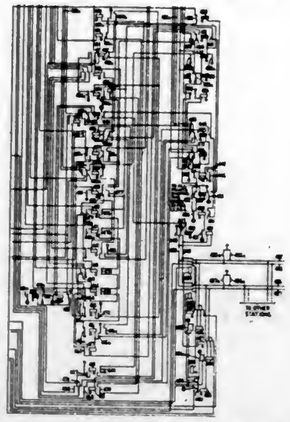
2,059,202
WITHDRAWN

2,059,203
SHEET RUBBER
Elmer G. Bird, La Porte, Ind., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company, Wilmington, Del., a corporation of Delaware
Application November 18, 1933, Serial No. 698,610
1 Claim. (Cl. 18—59)



Sheet rubber which comprises a layer of vulcanized sponged rubber on one side, a layer of vulcanized rubber on the other side which contains a sponging agent limiting the sponging of the rubber to only a slight amount, and an intermediate portion of rubber coalesced with the inner portion of said vulcanized sponge rubber and the inner portion of said vulcanized rubber which constitutes commingled portions of each of said layers, said sheet having no line of demarcation between the layers thereof.

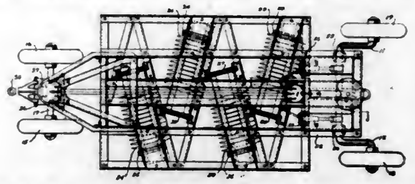
2,059,204
SUPERVISORY CONTROL SYSTEM
Hans P. Boswau, Galion, Ohio, assignor to The North Electric Mfg. Company, a corporation of Ohio
Application May 27, 1932, Serial No. 613,864
30 Claims. (Cl. 177—353)



3. In a supervisory control system, a central station, a plurality of substations, a source of direct current at each of said stations, apparatus units at said substations, a single signalling channel extending from said central station to each of said substations, a transmitting relay individual to each of said stations having transmitting contacts connected across the signalling channel, a receiving relay winding individual to each station connected across the signalling channel, and a chain of relays at each station for selectively operating their associated relay in accordance with a predetermined code combination of impulses to be transmitted over said single signalling channel, means at said central station including the transmitting relay, relay chain and direct current source for transmitting code signals over the single signalling channel, said receiving relay at each substation being responsive to said signals for selectively operating their respective relay chains, said relay chains being responsive to said received code for rendering all but a predetermined substation non-responsive to any further codes; means at said selected substation for switching the relay chain thereat into a condition for transmitting code combinations of impulses; means at the central station operative following the transmission of a substation selecting code for rendering the relay chain thereat operative to receive code impulses; and switching means controlled by said relay chain and including the direct current source at the selected substation for operating the transmitter relay thereat to transmit a code to the central station to identify the selected substation.

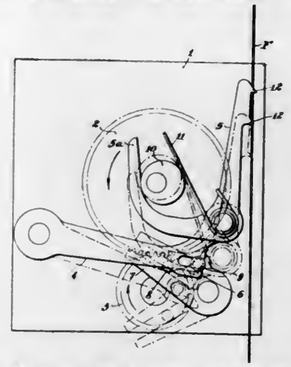
2,059,205
HYDRAULIC CONTROL SYSTEM FOR ROAD WORKING MACHINES
Harry C. Buffington, Springfield, Ill., assignor to Baker Manufacturing Company, Springfield, Ill.
Application June 1, 1934, Serial No. 728,535
2 Claims. (Cl. 280—6)

1. In a road working machine provided with a frame and front and rear wheels for the support of means for working a road, a front bolster carried by the front wheels and provided with a hydraulic ram for lifting the frame on the bolster, a divided rear crank axle whose adjacent ends are abutting in longitudinal alignment and which are provided with adjustable holding plates for holding said members in selected positions of pivotal adjustment thereof, said rear crank axle members each provided with a hydraulic ram and a lever connected therewith establishing connection between said frame and said axle members respectively for the pivotal adjustment of



the axle members separately or simultaneously for the relative operative adjustment for said frame supporting said road working mechanism, a hydraulic control system for the operative control of said hydraulic rams and the selective adjustment of said frame and road working mechanism connected therewith, and for the selective control of said hydraulic rams on each of said rear axle members and on said front bolster, and a hydraulic control pump communicatively connected with said plurality of control valves.

2,059,206
INTERMITTENT FILM FEEDING MECHANISM
Benjamin R. Carson, Camden, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application January 30, 1934, Serial No. 708,960
5 Claims. (Cl. 88—18.4)



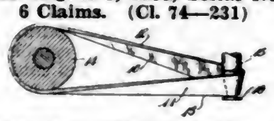
1. Film feeding mechanism comprising a driving gear, a second gear driven thereby, a film engaging claw, a pivotally mounted supporting arm for said claw, a cam member on said driving gear for moving said claw toward and away from a film whereby to cause said claw to intermittently engage the film, a pivoted yoke member, a pin eccentrically mounted on said driven gear and received by said yoke member whereby to impart reciprocatory movement to said yoke member longitudinally of the film, and means interconnecting said yoke member and said supporting arm whereby the reciprocatory movement of said yoke member may be transferred to said claw for causing said claw to intermittently advance said film while in engagement therewith.

2,059,207

ELASTIC RUBBER TRANSMISSION BAND

Harold W. Catt, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

Application August 3, 1933, Serial No. 683,499
6 Claims. (Cl. 74—231)



5. A transmission belt comprising an endless band of elastic rubber, having a driving face of chlorinated rubber for engaging the faces of the pulleys and an edge of untreated rubber adapted to engage a flange on one of the pulleys.

2,059,208

FIRE KINDLER

Franklin V. Chaney, New York, N. Y., assignor, by mesne assignments, to Pine Kindler Corporation, New York, N. Y., a corporation of Delaware

No Drawing. Application November 13, 1934, Serial No. 752,831
10 Claims. (Cl. 44—41)

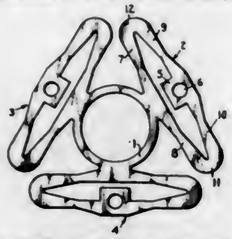
1. A fire kindler consisting essentially of relatively finely divided, uncharred particles of vegetable fibro-cellular material free from sap, containing by absorption at least 100% by weight of a hydrocarbon-containing inflammable material selected from the group consisting of crude petroleum, fuel oil, asphalt and coal tar.

2,059,209

VOICE COIL SUSPENSION

Fulton Cutting, Buffalo, N. Y., assignor to Colonial Radio Corporation, Buffalo, N. Y., a corporation of New York

Application September 10, 1932, Serial No. 632,528
3 Claims. (Cl. 179—115.5)



1. A radio sound reproducer comprising a pair of pole pieces, a voice coil mounted therebetween, a form on which the voice coil is mounted, a diaphragm connected therewith, and a support for the voice coil form consisting of a thin and narrow central annular part, three equidistant arms each connected thereto by a small neck, said arms being thin and narrow and generally elliptical in shape and having mounting members projecting inwardly from each of said ellipses, and means engaging said members and mounting the support above said pole pieces.

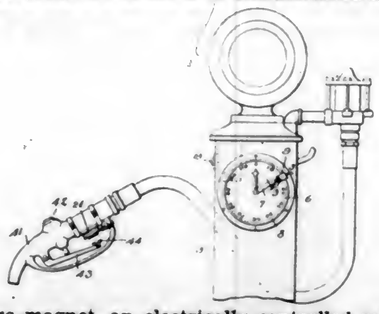
2,059,210

GASOLINE DISPENSING PUMP

Charles Devers, Pittsburgh, Pa.

Application June 19, 1935, Serial No. 27,442
2 Claims. (Cl. 221—95)

1. The combination with the manually controlled valve of a gasoline pump filling nozzle and the operating lever thereof, of an electric means for holding the valve open, said means including an electro-magnet mounted on the nozzle, an armature on the lever and attracted by the



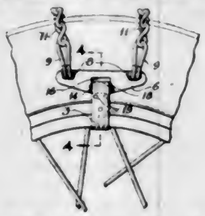
electro-magnet, an electrically controlled means operated by the gasoline flowing from the pump, for shorting the circuit to the magnet deenergizing the magnet releasing the valve.

2,059,211

ANTISKID DEVICE

Le Roy I. Dick, Cleveland, Ohio, assignor to The Cleveland Chain & Manufacturing Company, Garfield Heights, Ohio, a corporation of Ohio

Application December 6, 1933, Serial No. 701,171
11 Claims. (Cl. 152—14)



1. An anti-skid device having in combination a pair of stamped metal plates adapted to be positioned substantially parallel to each other on the opposite outer side walls of a tire with their inner faces in direct frictional contact with said tire walls inwardly of the point of greatest transverse diameter of the tire, a securing member connected with one of the plates adjacent the inner central portion thereof, a fastening element for the free end of said securing member provided adjacent the inner central portion of the other of said plates, and anti-skid means extending over the tire tread and connected with the ends of said respective plates, the connections with said respective plates being offset outwardly of the plane of the inner faces of said respective plates and out of contact with the adjacent tire walls.

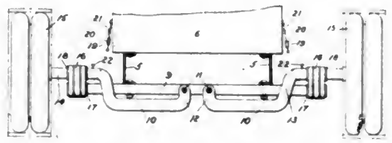
2,059,212

SUSPENSION FOR VEHICLES

James A. Dorst, United States Army, San Francisco, Calif.

Application January 11, 1936, Serial No. 58,710
4 Claims. (Cl. 305—3)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

4. In a vehicle, a frame, a bar carried transversely of the frame, a pair of oppositely disposed arms pivoted to the bar, each arm having a bifurcated inner end disposed underneath the bar and a bifurcated offset straddling the bar outside of the frame, a spindle on the offset and overlying the end of the bar, a wheel on the spindle,



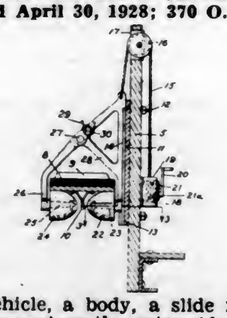
and an elastic cord looped about the spindle and the bar.

2,059,213

TRACK TENSIONING DEVICE

James A. Dorst, United States Army, San Francisco, Calif.

Application January 11, 1936, Serial No. 58,711
2 Claims. (Cl. 305—8)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



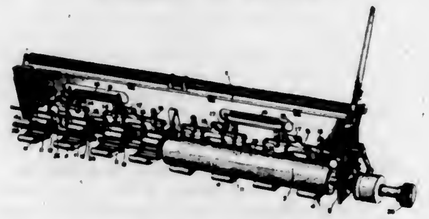
2. In a vehicle, a body, a slide mounted for vertical movement on the outer side of the body, means operable from within the body for displacing the slide, a roller carried by the slide, an arm pivoted to the slide, means for fixing the arm to the slide and a roller carried by the pivoted arm and positioned opposite the first mentioned roller when the arm is fixed to the slide.

2,059,214

PAPER FEEDING DEVICE

Elmer H. Dreher, Brooklyn, N. Y., assignor to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware

Application April 21, 1934, Serial No. 721,664
2 Claims. (Cl. 197—138)



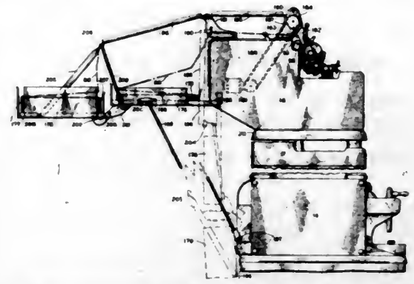
1. In a device of the character described, a platen, a plurality of feed rolls, pairs of said rolls being journalled in parallel relation in arcuate side members, connecting means for pivotally securing said side members to the ends of a pair of whiffle tree members, each of said whiffle trees being pivotally secured to one leg of an L-shaped arm, said L-shaped arms being pivotally mounted on a frame, a tension spring connecting the other legs of said arms to maintain said feed rolls in equalized pressure engagement with said platen, and camming means acting on said connecting means for moving said rollers out of engagement with said platen.

2,059,215

PAPER FEED MECHANISM

Elmer H. Dreher, Brooklyn, N. Y., assignor to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware

Application August 22, 1934, Serial No. 740,859
11 Claims. (Cl. 197—133)



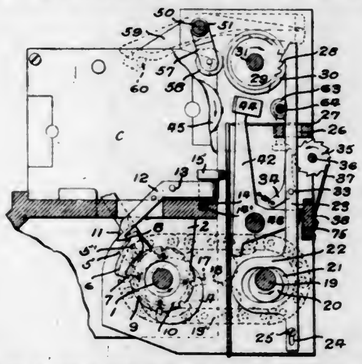
1. The combination with printing means, of a long-feed element capable of feeding a web of paper to a predetermined line position from another predetermined line position or from intermediate positions, an alternative long-feed element capable of feeding the paper to such an intermediate position, and means for temporarily suspending the action of the first said element to permit printing in such intermediate position.

2,059,216

PRINTING MECHANISM FOR TABULATING MACHINES

Robert Duncan, Washington, D. C., and Lester F. Wilkinson, Garrett Park, Md., assignors to the Government of The United States, represented by the Secretary of Commerce

Original application November 12, 1935, Serial No. 49,370. Divided and this application September 8, 1936, Serial No. 99,872
4 Claims. (Cl. 101—96)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a printing mechanism for a tabulating machine, in combination, a normally non-rotating power shaft, a continuously rotating clutch member loosely mounted on said shaft, means

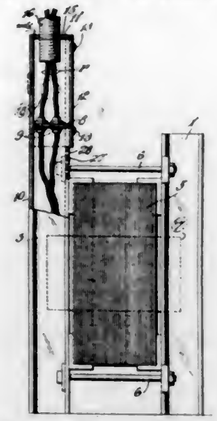
for clutching said member to the shaft for a single revolution, a housing mounted adjacent the power shaft, a second shaft mounted in the housing and geared to the power shaft for simultaneous rotation therewith, a cam fast to the second shaft for controlling the movements of a printing hammer, a spring-impelled printing hammer pivoted in the housing and having an arm normally in engagement with said cam, and another arm extending forwardly from said hammer, and laterally adjustable means carried by the housing and arranged to engage said forwardly extending hammer arm to hold the other arm of the hammer out of engagement with the cam, for the purpose set forth.

2,059,217

BUILT-IN JUNCTION BOX FOR TRANSFORMERS

Andrew A. Emlen, Roselle, N. J., assignor to American Transformer Company, Newark, N. J.

Application October 26, 1935, Serial No. 46,885
6 Claims. (Cl. 247—1)



3. For an air-cooled transformer having a core, windings and frame members, a built-in junction box, including extensions at one end of the rear frame members, a back closure plate extending between said rear frame members and extensions, an end closure plate for said extensions, a removable plate fitting on the front of said extensions completing the junction box, a conductor and cable support plate within the box extending transversely between said extensions, and means permitting the cables to be brought into the box from the top, back and side thereof for connection to the conductors coming from the transformer windings.

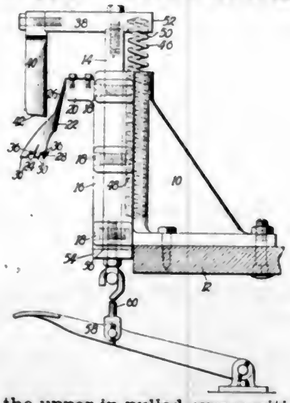
2,059,218

METHOD OF AND MACHINE FOR USE IN THE MANUFACTURE OF PREWELTED SHOES

Karl Engel, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application March 29, 1935, Serial No. 13,718
19 Claims. (Cl. 12—7)

1. That improvement in methods of making pre-welted shoes in the manufacture of which the overlasting margin of the upper is provided with a welt which is substantially shorter than the periphery of the bottom of a last corresponding in size to the upper, the material of the welt being only slightly stretchable, which method comprises pulling the upper over the toe end of the last and



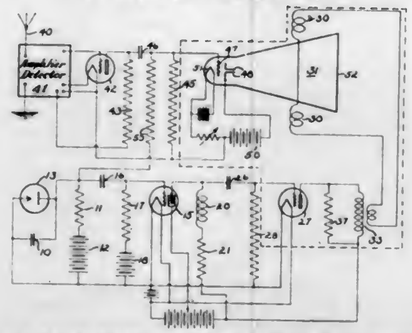
retaining the upper in pulled over position on the last solely by the tension of the welt.

2,059,219

SLOPE WAVE GENERATOR

Philo T. Farnsworth, San Francisco, and Harry R. Lubcke, Alameda, Calif., assignors to Farnsworth Television Incorporated, a corporation of California

Application May 5, 1930, Serial No. 449,985
17 Claims. (Cl. 178—6)



1. A slope-wave generator comprising a condenser, means for gradually charging and suddenly discharging said condenser, a vacuum tube, means for applying a voltage derived from said charge and discharge to control the plate current of said vacuum tube, a distorting network in the output of said tube, a second tube having an input circuit connected to said distorting network, and an output circuit for said second tube.

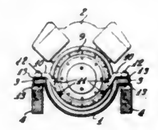
2,059,220

MOUNTING FOR MARINE ENGINES

Frank O. Fernstrum, Detroit, Mich., assignor to Gray Marine Motor Co., Detroit, Mich., a corporation of Michigan

Application January 23, 1935, Serial No. 3,040
4 Claims. (Cl. 115—0.5)

1. In a boat having spaced apart keelsons, a power bed of dished form said power bed having lateral flanges at the sides thereof, resilient means attaching said opposite flanges to respective spaced apart keelsons with the dished portion of the bed depending between the keelsons and beneath the plane thereof, an engine, resilient means for attaching said engine to said flanges, said last named resilient means being disposed with respect to said engine whereby a substantial portion thereof resides within the dished portion of



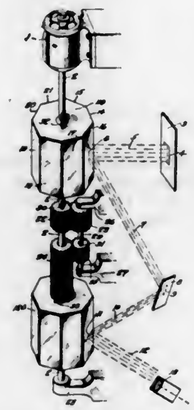
the bed while the remainder is exposed above the bed and supporting the engine out of actual contact with said bed, a propeller shaft, and means supported by said bed and connecting said propeller shaft with said engine.

2,059,221

TELEVISION SYSTEM

Reginald A. Fessenden, Chestnut Hill, Mass.; Helen M. Fessenden executrix of the estate of said Reginald A. Fessenden, deceased

Original application August 21, 1922, Serial No. 583,271, now Patent No. 1,617,241, dated February 8, 1927. Divided and this application January 14, 1927, Serial No. 161,159
8 Claims. (Cl. 178—6)



1. In a system for secret signalling, a scanning device having a plurality of rotating mirrors positioned with their faces arbitrarily chosen tilting in different directions, and means adapting one group of said mirrors to scan in one direction and the other group to scan in a direction at an angle inclined thereto.

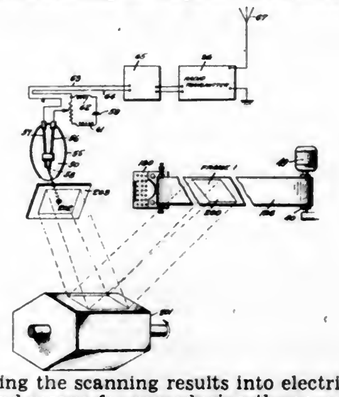
2,059,222

TELEVISION APPARATUS

Reginald A. Fessenden, Chestnut Hill, Mass.; Helen M. Fessenden, executrix of the estate of said Reginald A. Fessenden, deceased

Original application January 14, 1927, Serial No. 161,159. Divided and this application April 4, 1928, Serial No. 267,373
12 Claims. (Cl. 178—6)

1. In a transmitting system for transmitting intelligence, a device for mechanically printing characters on a tape member, means for feeding the tape from said device to a scanning member, means for scanning the tape member, means for



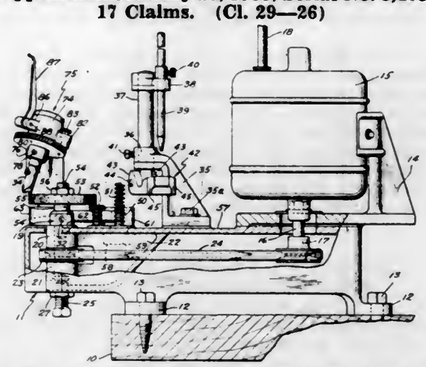
converting the scanning results into electric currents and means for reproducing the record.

2,059,223

BRAKE LINING DRILLING AND COUNTERSINKING MACHINE

George William Fleming, Bradford, N. H., assignor to The Milford Rivet and Machine Company, Milford, Conn., a corporation of Connecticut

Application January 25, 1935, Serial No. 3,463
17 Claims. (Cl. 29—26)



1. In a machine of the class described, a base, a chuck on the base, means to rotate the chuck, a grinder rotated by said chuck, a bearing on said base, an arm, a pin carried by one end of said arm and turnable in said bearing, a second arm, a countersink holding chuck on one end of said second arm for presenting a countersink to said grinder, means connecting the other end of said second arm to the free end of said first arm, and said means including means for adjusting the second arm vertically relative to the first arm.

2,059,224

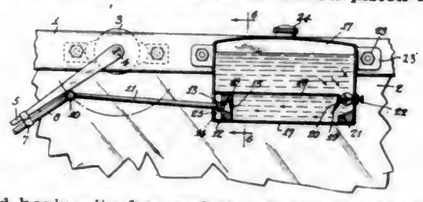
DEVICE FOR MELTING SLEET AND ICE ON WINDSHIELDS

Howard Edwin French, Clinton, Conn.

Application August 5, 1935, Serial No. 34,833
1 Claim. (Cl. 20—40.5)

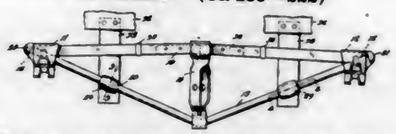
In a device for melting snow and ice on windshields, the combination of a container for a liquid having a lower freezing point than water, said container having a chamber in its lower portion, a valve-controlled passage between one end of said chamber and the upper portion of the container, a piston slidably mounted in said

chamber, the piston having a passage therethrough, a spring controlled valve at the mouth of said passage, a hollow piston rod with which said passage communicates, a tube pivotally connected to the outer end of the hollow piston rod



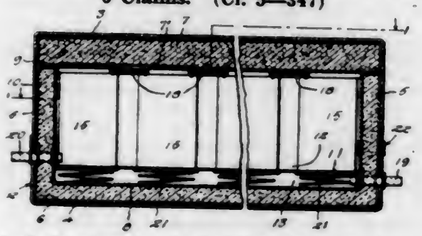
and having its free end closed, and also having a series of spaced apertures for the discharge of liquid on the windshield, and means for attaching said hollow piston rod to the wiper arm of a conventional windshield wiper.

2,059,225
BRAKE BEAM
John P. Gallagher, Jersey City, N. J.
Application September 12, 1930, Serial No. 481,402
20 Claims. (Cl. 188—222)



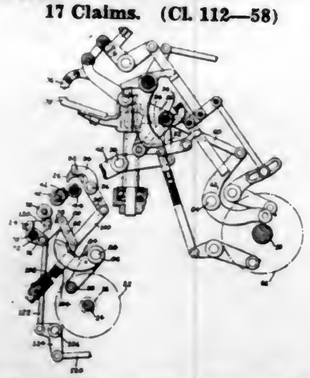
16. In a brake beam of the truss type, the combination of a brake shoe head, an end of a compression member intruded into said head, an end of a tension member passing through the brake shoe head and provided with a hammered head, engaging the brake shoe head and functioning to hold the hammered head in its initial percussively driven engagement with the end of the compression member.

2,059,226
AIR CONDITIONED CUSHION
Glen M. Gates, Clark, Colo.
Application June 22, 1935, Serial No. 27,981
6 Claims. (Cl. 5—347)



1. A structure of the character described, comprising a casing of yieldable air impervious material, means heat insulating the bottom and portions of the sides of the inside surface of the casing, an air pervious body overlying the inner surface of the top of the casing and connecting with the insulation means at the sides thereof, the central part of the structure being formed to provide a chamber of which the air pervious body and insulating means form walls, means by which air may be introduced into and removed from said chamber, and means within the chamber for causing the introduced air to circulate through the air pervious material before passing out through the air removing means.

2,059,227
SEWING MACHINE
Joseph Gouldbourn and Thomas Aubrey Kestell, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Original application September 7, 1933, Serial No. 688,480. Divided and this application April 25, 1935, Serial No. 18,129. In Great Britain October 11, 1932
17 Claims. (Cl. 112—58)



1. An outsole shoe sewing machine having, in combination, stitch forming devices including pull-off and stitch setting devices, a rear thread lock closed during the action of the stitch-setting devices, a front thread lock closed during the action of the pull-off devices, and connections between the thread locks acting when actuated to open either lock only while the other lock is closed.

2,059,228
LOCKED RING ENSEMBLE
Joseph Granat, San Francisco, Calif.
Application March 11, 1935, Serial No. 10,363
4 Claims. (Cl. 63—15)

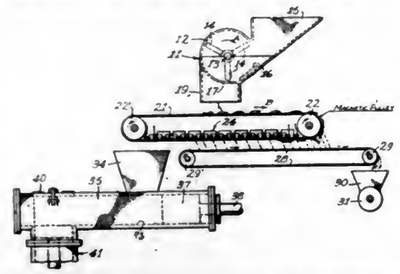


1. In a ring ensemble, the combination of an engagement ring and a wedding ring, said engagement ring having an undercut recess formed in one side thereof, said wedding ring having a lug formed on one side thereof, said lug having the same configuration as said recess, whereby when said lug is inserted in said recess said rings will be locked together against axial rotation with relation to each other.

2,059,229
METHOD OF PREPARING DISCARDED AUTOMOBILE FENDERS AND SIMILAR MATERIALS FOR MELTING PURPOSES
Clarence M. Gregg, Los Angeles, Calif., assignor to Los Angeles By-Products Co., a corporation of California
Application August 19, 1935, Serial No. 36,864
3 Claims. (Cl. 29—160.5)

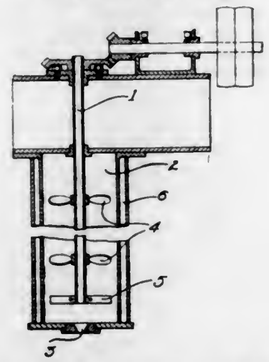
1. The method of preparing ferrous melting scrap from a miscellaneous mixture of ferrous and non-ferrous scrap materials which includes:

subjecting said miscellaneous scrap to a beating and shredding operation to disintegrate the iron and non-ferrous material therein; magnetically



separating the iron from the non-ferrous material in said disintegrated mass; and compressing the loose shredded scrap iron so separated into a compact bale.

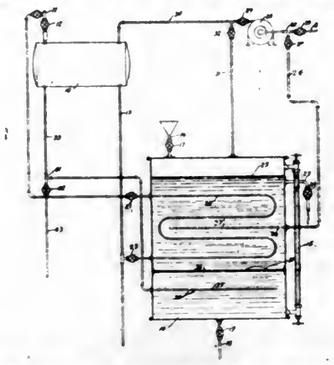
2,059,230
APPARATUS FOR GRANULATING MOLTEN MATERIALS
William Kenneth Hall and Frank Heywood, The Green, Norton-on-Tees, England, assignors to Imperial Chemical Industries Ltd., a corporation of Great Britain
Application December 11, 1930, Serial No. 501,742
In Great Britain December 19, 1929
1 Claim. (Cl. 83—91)



Apparatus for granulating material by spraying comprising a vessel, a centrally located, conically shaped orifice in the bottom thereof and leading directly to free space, and a rotating propeller-type agitator mounted on a vertical, hollow, rotating shaft forming a conduit adapted to convey gas to the interior of the vessel.

2,059,231
DEVICE FOR CLEANING FUEL OIL HEATERS
James E. Hamilton, United States Navy
Application April 30, 1935, Serial No. 18,997
9 Claims. (Cl. 257—1)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A fuel oil heater cleaning device comprising a solvent holding tank, means for circulating the solvent from said solvent tank to the heater and back to said solvent tank in a liquid state, a baffle plate in said solvent tank located below the middle thereof, said means comprising a suction pipe leading from said tank above said baffle plate to the top of the heater and a solvent return pipe



leading from the bottom of said heater to said solvent tank below said baffle.

2,059,232
RECOVERY OF FATTY ACIDS FROM OXIDATION PRODUCTS
Max Harder, Oppau, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application October 30, 1934, Serial No. 750,672. In Germany November 3, 1933
8 Claims. (Cl. 260—122)

3. The process of recovering carboxylic acids from the oxidation products of from liquid to solid, non-aromatic hydrocarbons which comprises heating the said oxidation products in the presence of an alkaline reacting agent, of water and of an agent developing hydrogen in alkaline media at a temperature above 260° C.

2,059,233
SHINGLE AND METHOD OF FORMING THE SAME
Norman P. Harshberger, Scarsdale, N. Y., assignor to Bakelite Building Products Co. Inc., New York, N. Y., a corporation of Delaware
Application April 27, 1929, Serial No. 358,586
Renewed April 25, 1933
25 Claims. (Cl. 108—7)



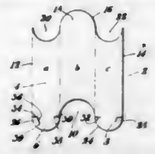
1. A shingle comprising a section of material having an edge portion formed with a recess and having an opposite edge portion formed with a tongue, said tongue being folded back on said section of material and having a portion of greater width than a portion of said recess, and said tongue being engageable with the recess of another like shinge, the wide portion of said tongue overlapping the sides of the recess.

11. A shingle comprising a section of flexible composition material having a portion formed with a recess and having another portion formed with a tongue, said tongue being folded back on said section of material but unsecured thereto and having a portion substantially equal in width to the recess and a portion of greater width than the recess, said tongue being engageable with the recess of another similar shingle, with

the wide portion of said tongue overlapping the sides of the recess.

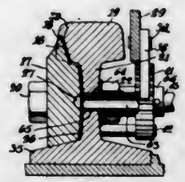
21. A composite shingle for wide spaced assembly comprising a pliable body of composition roofing material having the top side coated with bitumen and wear resisting mineral material, said body having the general shape of a parallelogram and having an integral longitudinal central reinforcing and thickening layer on the under side extending substantially the full length of the body and spaced from opposite sides thereof leaving laterally extending portions of the body outwardly of the edges of the central layer for engaging with the top surface of shingles under them when laid, said central layer comprising bitumen and wear resisting mineral material of the same character as that upon the top side.

2,059,234
ROOFING ELEMENT AND ASSEMBLY THEREOF
Norman P. Harshberger, Scarsdale, N. Y., assignor to Bakelite Building Products Co. Inc., New York, N. Y., a corporation of Delaware
Application January 8, 1934, Serial No. 705,811
16 Claims. (Cl. 108—7)



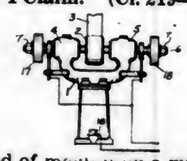
1. A roofing element comprising a strip of material having a pair of substantially straight and opposite edges and having a third lower edge formed with an ogee curve comprising a pair of similar curved tabs and a curved recess therebetween, said tabs being positioned adjacent said substantially straight edges and having their edges substantially prolongations thereof, and said recess having a width greater than said tabs and of substantially one third the depth of the element measured normal to a median through the tabs on the lower edge and said elements adapted when laid to simulate a surface of formed tiles.

2,059,235
RAIL LUBRICATOR
Warren C. Heidenthal, Middletown, N. Y., assignor to Ramapo Ajax Corporation, New York, N. Y., a corporation of New York
Application July 20, 1933, Serial No. 681,242
13 Claims. (Cl. 184—3)



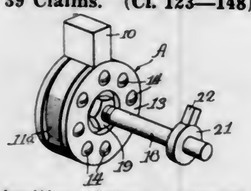
1. Apparatus for lubricating railway curves comprising an outer rail having a portion of the inner face of its head cut away, and a stationary plate spaced from the inner side of said rail to form a reservoir between said stationary plate and said rail, said stationary plate providing a substantially continuous slot between the top of said stationary plate and the cut-away portion of the head of said rail.

2,059,236
METHOD OF MACHINING BY ELECTRIC CURRENT
Claude J. Holslag, South Orange, N. J., assignor to Electric Arc Cutting & Welding Company, Newark, N. J.
Application August 13, 1932, Serial No. 628,760
1 Claim. (Cl. 219—1)



The method of machining a work-piece of considerable length with respect to its diameter by a tool with very little or no pressure between the piece and tool during the machining operation thereby effecting a poor contact, which consists in causing relatively rapid movement between the work-piece and tool in one plane at an angle to the axis of the work-piece, while at the same time causing relatively slow movement between the tool and work-piece in a direction parallel to the axis of the work-piece, applying a source of current between the tool and work-piece, the voltage of the current being approximately one-half that required to hold a steady arc between the tool and work-piece to be machined while in such poor contact.

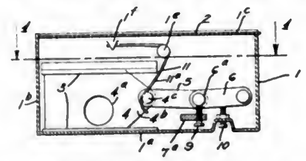
2,059,237
IGNITION SYSTEM
Harry Barnard Holthouse, Chicago, Ill.
Application April 22, 1929, Serial No. 356,963
Renewed January 3, 1933
39 Claims. (Cl. 123—148)



1. In an ignition system, a circuit including a source of power and a primary transformer coil connected by two conductors, a grounded connection to one of said conductors, a current changing and sparking device of the character described bridged across said conductors, a condenser in the grounded conductor between the sparking device and the primary coil, the circuit so arranged to include a primary oscillating circuit, and a secondary oscillating circuit including a secondary transformer coil, a spark plug with one terminal connected to the secondary coil and the other connected to ground, and a connection from the other terminal of the secondary coil to the grounded terminal to includes said condenser in the resulting grounded secondary circuit.

2,059,238
ANIMAL TRAP
Winthrop P. Howland, Pacific Beach, Calif.
Application February 19, 1935, Serial No. 7,205
4 Claims. (Cl. 43—61)

1. In an animal trap, a casing having an aperture therein, a gate having an opening adapted to register with said aperture, link and lever means connected with said gate and casing arranged to occupy a slight over center position, an element for urging said gate out of registry with said aperture, said element being restrained when said link and lever means is over center, and a trip lever positioned with its free end at



the opposite side of said casing from said aperture and opening and a portion engageable with said link and lever means to shift the same to a position responsive to said element.

2,059,239
IMPLEMENT FOR TREATING AND PLACING MATERIALS
Corwill Jackson, Ludington, Mich.
Application September 26, 1934, Serial No. 745,562
18 Claims. (Cl. 259—72)



1. An implement of the class described comprising a tubular casing containing a motor having a rotor provided with axially spaced unbalancing weights, and a tubular handle resiliently connected to said casing in axial alinement with said rotor and terminating in a transverse grip, the mass and radius of said weights uniformly decreasing toward said grip so that the implement vibrates in a cone-shaped path with said grip at approximately the apex and the tubular casing at the base thereof.

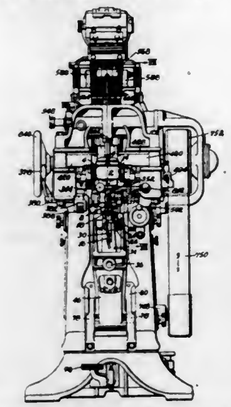
2,059,240
STEP-IN BABY CRIB
Herbert V. Johnston, Modesto, Calif.
Application July 13, 1934, Serial No. 734,959
9 Claims. (Cl. 5—100)

1. In a baby crib having side railings one of which is cut away intermediate its ends from top to bottom to provide a passage opening, a step ladder substantially the width of the opening, a rod mounted on the crib below and extending lengthwise of the opening to a termination beyond one side of the same a distance not less than the width of the ladder and hanger elements on the normally upper end of the ladder turnably and slidably engaging the rod; that portion of the rod which extends along the opening being disposed so that the ladder when raised will fit within the opening, and that portion of the rod which extends beyond the opening being disposed so that the ladder when raised and slid along and



onto said last named portion will lie outwardly of but adjacent the side railing of the crib.

2,059,241
LASTING MACHINE
Jacob C. Jorgensen, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application April 19, 1935, Serial No. 17,290
56 Claims. (Cl. 12—4)

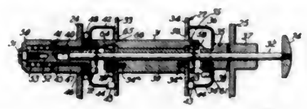


1. In a lasting machine, the combination with end-lasting wipers, of mechanism for advancing said wipers lengthwise of a shoe, mechanism for closing the wipers laterally of the shoe, a cam shaft, a cam on said shaft for operating said wiper-advancing mechanism by force applied in one direction lengthwise of the shaft, and another cam on said shaft for operating said wiper-closing mechanism by force applied in the opposite direction lengthwise of the shaft.

2,059,242
TALLY WINDING SPOOL FOR TYPEWRITING, COMPUTING, AND LIKE MACHINES
Norbert A. Jung, Cincinnati, Ohio, assignor to Remington Rand Inc., New York, N. Y., a corporation of Delaware
Application June 11, 1935, Serial No. 26,063
10 Claims. (Cl. 242—74)

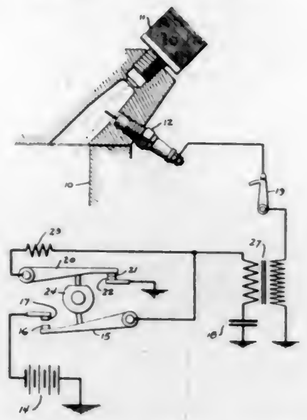
1. A tally strip rewind spool for winding a printed tally strip thereon comprising a sectional cylindrical core including a fixed section and a movable section normally in clamping engagement therewith and forming a smooth and substantially uninterrupted cylindrical surface when

so engaged with said fixed section, an axial bore in said fixed section, a releasing rod slidably mounted in said axial bore and means connecting said rod with said movable section, the construc-



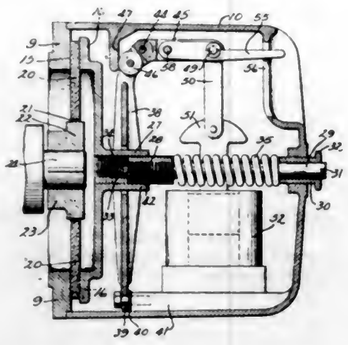
tion being such that when said rod is moved inwardly the movable section will be raised to an open position so that a tally strip may be inserted between the two sections.

2,059,243
IGNITION SYSTEM FOR INTERNAL COMBUSTION ENGINES
Harry E. Kennedy, Berkeley, Calif.
Application July 25, 1934, Serial No. 736,865
6 Claims. (Cl. 123—148)



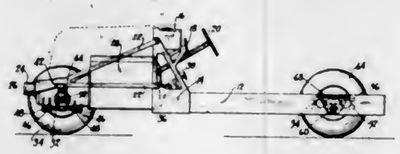
1. An ignition system for an internal combustion engine including a source of electrical energy of substantially constant potential, a condenser, a charging circuit including said source of electrical energy and said condenser, which circuit when completed enables a charging current to flow to the condenser conductively from the source of energy, which current flow results from a substantially constant potential developed by the source of energy throughout the entire completed period of said circuit, a discharging circuit not including the source of electrical energy but including said condenser and capable of discharging the said condenser when said discharge circuit is completed, engine operated dual switch means connected with both circuits to complete said charging circuit and maintain the same completed only during the open period of the discharge circuit until the condenser is charged and then opening said charging circuit, the said dual switch means completing and maintaining the discharging circuit completed only during the open period of the charging circuit for a sufficient duration to discharge the condenser, said dual switch means being operated by the engine in synchronism with the engine operation, and a high tension circuit including a spark plug inductively coupled to one of said circuits

2,059,244
AUTOMATIC BRAKE
Elmer C. Kiekhaefer, Milwaukee, Wis., assignor to Stearns Magnetic Manufacturing Company, Milwaukee, Wis., a corporation of Wisconsin
Application August 9, 1935, Serial No. 35,411
22 Claims. (Cl. 188—171)



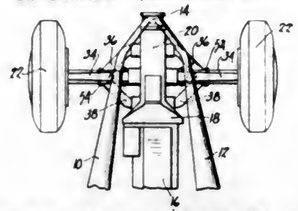
1. In a device of the character described, the combination with brake mechanism including a spring actuated member, of a lever engaging said member and provided with a free end, a second lever fulcrumed on the free end of the first lever and provided with a cam roller, a cam surface with which said roller co-acts for the oscillation of said first lever upon the oscillation of the second lever, and means for oscillating the second lever.

2,059,245
MOTOR VEHICLE
Victor W. Kliesrath, Port Washington, N. Y., assignor to The Steel Wheel Corporation, Chicago, Ill., a corporation of New York
Application January 14, 1933, Serial No. 651,822
15 Claims. (Cl. 180—64)



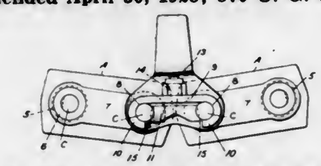
1. A vehicle having a chassis device, road wheels on opposite sides thereof, transversely-extending spring means substantially perpendicular to the center line of the vehicle and having the outer ends adjacent said wheels and secured to the chassis device and yieldingly supporting it, a pair of short leaf springs on each side of the vehicle having their inner ends spaced a substantially distance apart longitudinally of the vehicle and secured to said device and converging outwardly to bring their outer ends together in line perpendicularly with but spaced perpendicularly from the corresponding end of the spring means, and members rotatably supporting the wheels and each of which has a vertically-extending part in the load plane of the wheel and secured by pivotal connections to the outer end of the spring means and the outer ends of said springs on its side of the vehicle.

2,059,246
MOTOR VEHICLE
Victor W. Kliesrath, South Bend, Ind., assignor to The Steel Wheel Corporation, Chicago, Ill., a corporation of New York
Application June 26, 1933, Serial No. 677,612
12 Claims. (Cl. 280—106.5)



1. A vehicle having road wheels, a pivotally mounted power plant device having front and rear sockets on each side, laminated leaf springs arranged in two pairs, each pair being connected to one of the wheels and with the springs of each pair arranged one above the other and having the leaves of each spring deflected alternately forward and backward to give the spring the shape of a Y in plan view to provide two spaced inner arms having their ends seated respectively in one of the front and one of the rear sockets, and means for yieldingly holding the end of each arm in its socket.

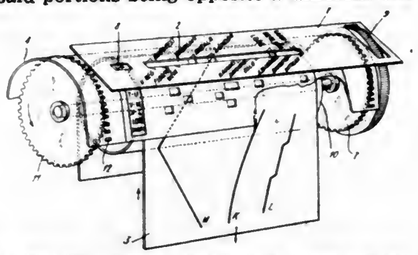
2,059,247
TRACK FOR TRACK-LAYING VEHICLES
Harry A. Knox, Washington, D. C.
Application June 13, 1935, Serial No. 26,385
4 Claims. (Cl. 305—10)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



4. In a track for track-laying vehicles, a series of spaced shoes, each having opposite wearing surfaces and being reversible, a pair of link pins extending through and fixed in opposite ends of each shoe, links connecting adjoining link pins of adjacent shoes, and means carried by each link and engaging the link pins in either position of assembly of the shoes for holding the shoes in the same angular assembly relation and maintaining the link pins against independent rotational movement.

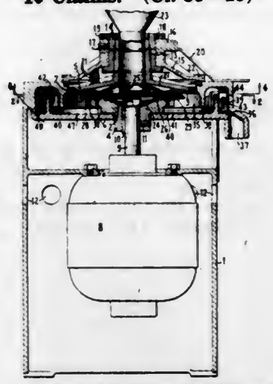
2,059,248
INDICATOR FOR RADIO RECEIVERS
Erwin König, Berlin-Neukoelln, Germany, assignor to Allgemeine Elektricitatz Gesellschaft, Berlin, Germany, a corporation of Germany
Application November 19, 1934, Serial No. 753,654
In Germany December 15, 1933
4 Claims. (Cl. 116—124.1)

1. In an indicator for a tuning means, the combination of a plate having an elongated slot therein, a series of station indicia marked on said plate lengthwise of said slot, a flexible sheet connected to said tuning means, a curve marked on said sheet to indicate the corresponding setting of said tuning means for each of said station indicia and a template movable to a plurality of positions and having a plurality of observation portions of limited area in alignment under said slot, each of said portions being opposite a different one of



said station indicia and being constructed to transmit light from said curve.

2,059,249
GRANULATING APPARATUS
John C. Kopf, New York, N. Y., assignor to Jabez Burns & Sons, Inc., New York, N. Y., a corporation of New York
Application March 10, 1934, Serial No. 714,929
10 Claims. (Cl. 83—18)

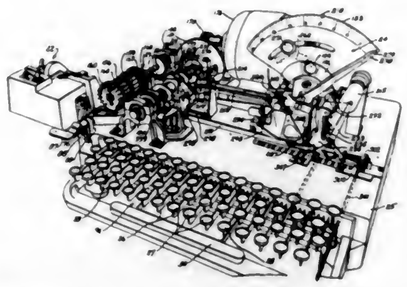


1. In a machine for granulating and treating coffee, in combination with cooperating grinding plates, means for feeding material between said plates, an annular chamber having a restricted peripheral discharge opening for receiving and discharging material thrown outwardly by said plates, a plurality of spaced annular barriers in said chamber extending from opposite sides thereof between said plates and said discharge opening, a rotatable arm in said chamber carrying an extension between the outer barrier and the outer wall of said annular chamber and adapted to move granulated coffee around the annular chamber formed by said barrier and said barrier wall and discharge a portion thereof through the discharge opening, a plough-shaped extension carried by said arm between said barriers and adapted to throw said granulated coffee over the outer barrier and lay it in a ridge on the granular coffee being rotated by the outer extension.

2,059,250
KEYBOARD PERFORATOR AND COUNTER
Howard L. Krum, Kenilworth, Ill., assignor to Teletype Corporation, Chicago, Ill., a corporation of Delaware
Application May 26, 1932, Serial No. 613,706
34 Claims. (Cl. 164—112)

1. In a device for preparing control strips for linecasting machines, a counting mechanism op-

erated in incremental amounts representative of matrix widths, a plurality of elements, permutation means comprising a plurality of members operable in varying combinations, each combination effective to select one of said elements for



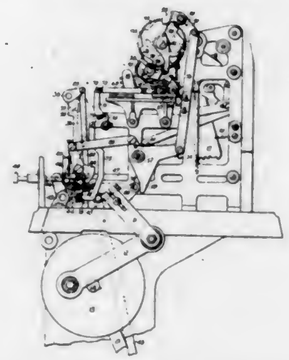
operation in accordance with various widths of the matrices, and means controlled through said means and co-acting with said elements for determining the extent of operation of said counting mechanism.

2,059,251

PRINTING AND PAPER FEEDING MECHANISM FOR ADDING MACHINES OR THE LIKE

William W. Lasker, Brooklyn, N. Y., assignor to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware

Application June 17, 1929, Serial No. 371,373
13 Claims. (Cl. 235—58)



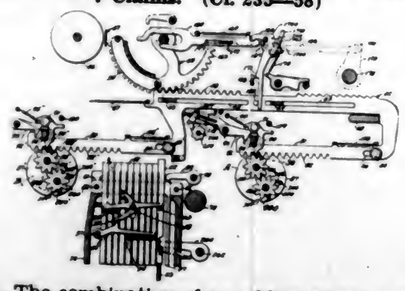
4. In a machine of the class described, in combination with mechanism for listing items and printing totals thereof, paper feeding means, means for limiting the extent of actuation of said feeding means to a single line spacing during listing operations, means for automatically withdrawing said limiting means during total taking operations to permit said feeding means to feed the paper a double line space, a second paper feeding means for feeding said paper after total printing operations variable distances depending upon the number of items listed and capable of being thrown out of operation, the construction being such that when said second feeding means is disabled said first paper feeding means will double line space the paper after a total taking operation has been initiated.

2,059,252

TABULATING MACHINE

William W. Lasker, Brooklyn, N. Y., assignor to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware

Application April 10, 1933, Serial No. 665,359
7 Claims. (Cl. 235—58)



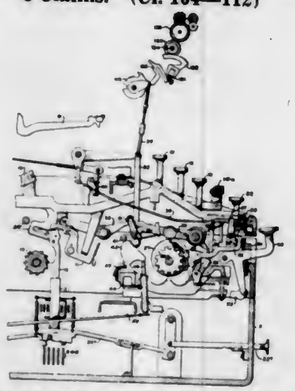
1. The combination of an adding wheel, a subtracting wheel meshing therewith and diametrically opposed thereto on a common support, a common actuator therefor, card sensing means, card controlled means for revolving said common support to bring either of said wheels into effective relation with said actuator, and means for moving said support to effect engagement of the effectively positioned wheel with said actuator.

2,059,253

COMBINED TYPEWRITER, ACCOUNTING MACHINE, AND PUNCH

William W. Lasker, Brooklyn, N. Y., assignor to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware

Application August 30, 1933, Serial No. 687,404
8 Claims. (Cl. 164—112)



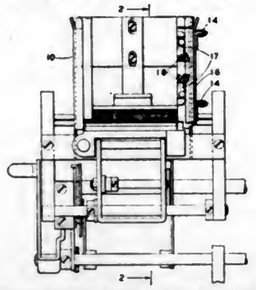
1. In an apparatus of the character described, in combination an accounting machine including a plurality of tabulating accumulator devices, comprising individually sequentially operable key members, means operated simultaneously by said key members for printing amounts entered into said tabulating devices, automatic means for actuating said devices, a record punching device associated with said key levers including a plurality of punches, a die to co-act with said punches and mechanical means for actuating said punches comprising power driven means actuated under the control of said key levers, push rods actuated by said power driven members, shiftable members actuated thereby and parallel motion members actuatable by said shiftable members and connected to said punches.

2,059,254

CARD MAGAZINE

William W. Lasker, Brooklyn, N. Y., assignor to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware

Application November 2, 1935, Serial No. 48,063
3 Claims. (Cl. 271—61)



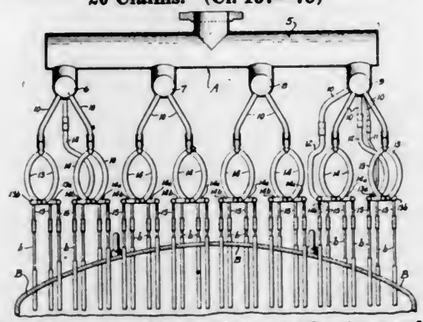
1. In combination with a device for varying the length of a perforated record card storage magazine, a plurality of latches for securing said device in ineffective position, a plurality of hinge elements for guiding said device to effective position, and means integral with said latches for securing said device in effective position.

2,059,255

MULTIPLE MANIFOLDING APPARATUS

Raymond C. Lassiat, Paris, France, assignor to Houdry Process Corporation, Dover, Del., a corporation of Delaware

Application December 9, 1932, Serial No. 646,514
20 Claims. (Cl. 137—78)



1. The combination with a case having a plurality of conduits issuing therefrom, of a manifold assembly in spaced relation to said case and disposed transversely to the axes of said conduits, and manifold connections from said assembly having bent portions for taking up relative movement in any direction, each of said connections being joined to from one to four of said conduits.

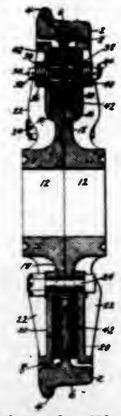
2,059,256

CAR WHEEL

Elmer Latshaw, Philadelphia, Pa., assignor to J. G. Brill Company, Philadelphia, Pa., a corporation of Pennsylvania

Application July 11, 1935, Serial No. 30,801
2 Claims. (Cl. 295—11)

2. In a car wheel, a tire portion having an inwardly extending web; a pair of substantially identical apertured hub members disposed in abutting axial alignment, each of said hub members having an outwardly extending flange provided thereon in spaced substantially parallel relationship to said web, securing means extending through said hub members; pre-formed resilient means adapted to encircle the hub portion and to substantially fill the space between the web and respective flange, said resilient means having the



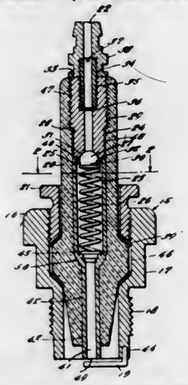
edges thereof thickened with respect to the intermediate portion in order that the initial and maximum pressure upon the same will be exerted adjacent the edge portions under the action of the securing means.

2,059,257

SPARK PLUG

William E. Letterman, Seattle, Wash.

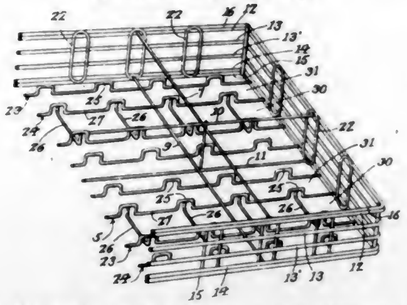
Application October 15, 1934, Serial No. 748,409
1 Claim. (Cl. 123—169)



A spark plug comprising a conductor shell, an insulation core for the shell, said core being provided with a bore therethrough, a hollow electrode extending in the bore and being provided with an enlarged upper portion, said core being provided with internal threads at its upper end, a threaded block for disposition into the said threaded upper portion of the core, said block having an opening therethrough and being of current conductive material, a terminal connector at the upper end of the block also provided with an opening therethrough communicating with the opening through the block, said opening through the bushing communicating with the enlarged upper portion of the hollow electrode, the lower portion of the hollow electrode being provided with a sparking electrode terminal extending therethrough, said shell being provided with an electrode projecting to a position in sparking relation to said electrode ter-

minal, said block at its inner end being provided with a valve seat, a coiled compressible spring in the enlarged upper portion of the hollow electrode, said spring being provided at its upper end with a ball and adapted to normally maintain the said ball engaged in the said seat.

2,059,258
TRAY
Anders R. Lofstrand, Jr., Washington, D. C., assignor, by mesne assignments, to Lofstrand Company, a corporation of Delaware
Application August 21, 1934, Serial No. 740,840
Renewed January 27, 1936
11 Claims. (Cl. 141—9)



1. A glass holding tray comprising skeleton side and end walls and a skeleton bottom, said bottom being formed of a series of spaced parallel pairs of spaced parallel supporting wires and spaced parallel rows of spaced parallel supports disposed at right angles to said wires, said wires and supports coacting for supporting glasses positioned within the tray, each wire of each pair of wires having spaced stretches providing spaced parallel upstanding stops, the stops of the wires of each pair of wires being arranged in pairs, the stops of each pair being parallel, each pair of stops for extension into a glass supported within the tray, each of said supports being connected at one end to one of the wires of one pair of wires and at its other end to one of the wires of a pair of wires adjacent the said one pair, the outer wires of the outer pairs of wires of said series of pairs being spaced from said side walls.

2,059,259
BLOWN DRYING OIL AND DERIVATIVES THEREOF
James Scott Long and George Loyal Ball, Jr., Bethlehem, Pa.; said Ball assignor of one-third to Archer-Daniels-Midland Company, a corporation of Delaware, and one-sixth to Lehigh University, a corporation of Pennsylvania
No Drawing. Application May 27, 1932, Serial No. 614,036. Renewed January 23, 1935
10 Claims. (Cl. 134—79)

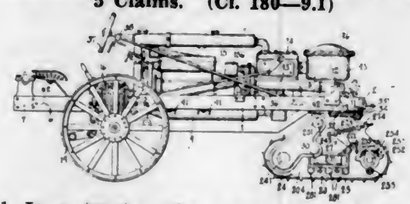
8. The process of forming protective coating films which comprises the steps of blowing a drying oil for a long period at low temperatures until a product is obtained which has a viscosity of at least 1 minute on the Gardner and Holt scale but is soluble in ethyl alcohol, dissolving such product in a solvent adapted to deter further association reactions, forming a protective coating composition comprising such solution, forming a film of such composition and permitting the solvent to evaporate.

9. A process as defined in claim 8, in which the oil product is combined with nitrocellulose to form the protective coating composition.

2,059,260
REACTIVE COMPOUNDS OF UNSATURATED OIL AND PROCESS OF PRODUCING THE SAME
James Scott Long, Coopersburg, Pa., and George F. Beal, Minneapolis, Minn., assignors to Archer-Daniels-Midland Company, a corporation of Delaware
No Drawing. Application August 16, 1935, Serial No. 36,559
6 Claims. (Cl. 260—2)

1. The process of producing intermediate oils which comprises reacting on an oily body consisting essentially of combined fatty acid radicals of a vegetable origin having from 16 to 24 carbon atoms and having non-conjugated double bonds and selected from the group consisting of the fatty acids and the esters of such fatty acids formed with a polyhydric alcohol, with an aromatic compound of the type capable of being combined with an aliphatic body by the Friedel and Craft reaction, in the presence of aluminum chloride present in an amount equal to at least 20% by weight of the oily body, while maintaining the reaction temperature below 35° C. at least until a substantial evolution of HCl has taken place and subsequently hydrolyzing the reaction products with a weak acid and washing to remove aluminum salts.

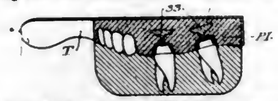
2,059,261
FARM TRACTOR
Paul M. Marshall, Constantine, Mich.
Application March 11, 1933, Serial No. 660,363
5 Claims. (Cl. 180—9.1)



1. In a tractor, the combination of a main frame made up of side bars, a base casting connected and supported between the said frame bars provided with a vertical cylindrical housing at the front, a crawler tractor truck having a suitable casing having a turntable connection to the said housing and having a vertical driven shaft disposed within the same, an endless crawler chain carried in the lower part of said truck, sprocket and chain means for driving the same, a cross shaft in the upper part of said truck for the driving sprocket wheels, a worm on the said vertical shaft and a worm gear on the cross shaft for driving the same, an internal combustion engine supported on the base casting having gear connections for driving said vertical shaft, a segment gear carried by the casing of said traction crawler truck, a worm gear segment at the front of said truck casing, a worm on a cross shaft carried by the tractor frame, a worm gear on the said cross shaft, and a steering column having a worm for engaging the last aforesaid worm gear.

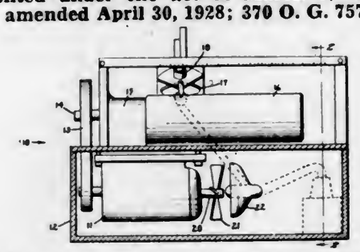
2,059,262
METHOD FOR PREPARING DENTAL RESTORATIVES
Frederick S. Meyer, Minneapolis, Minn.
Application May 31, 1932, Serial No. 614,357
Renewed March 9, 1936
2 Claims. (Cl. 32—6)

1. The method of preparing dental restoratives, such as bridges, which consists in making accurate impressions of the abutment teeth, making amalgam dies from said impressions, including elongated root portions, making a substantially rigid model with said amalgam dies positioned therein in the same relation as the abutment teeth in the mouth, making a model or trial bridge which accurately fits said dies, covering the occlusal surface of said model bridge with relatively soft impression material, placing the trial bridge accurately upon the abutments in the mouth and



generating by various mandibular movements of the patient a true functional occlusal path on the soft covering of said trial bridge while the patient's muscles of mastication are under working pressure, taking an impression in substantially rigid material from the functional occlusal path on the covering of said trial bridge, preparing a wax pattern for the bridge to be produced and forming the occlusal surface of said pattern from the last mentioned impression and constructing the bridge in conformance with said wax pattern.

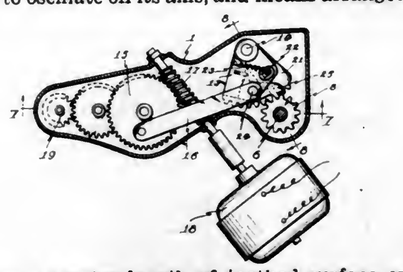
2,059,263
DICTATING MACHINE CYLINDER VACUUM CLEANER
Gustave Miller, New Haven, Conn.
Application June 13, 1933, Serial No. 675,625
7 Claims. (Cl. 274—47)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a device which records by engraving a surface of a record, the combination of a stylus having a point adapted to engrave a surface of a recording blank; means including an electric motor and shaft for relatively moving said stylus and blank so that the stylus point may range over a surface of the blank; a blank shavings-receptacle formed at least in part of a pervious wall adapted to permit air flow through such wall; a pipe leading from adjacent said motor to said receptacle; a fan mounted on the motor shaft intermediate and juxtaposed to the motor and an end of the pipe, whereby the fan in operation moves air from adjacent the motor into the pipe; and a branch pipe having one of its ends adjacent the stylus point and its remaining end leading at an angle and joined to the pipe for drawing record shavings from the stylus point into the pipe through which the shavings are moved into the receptacle.

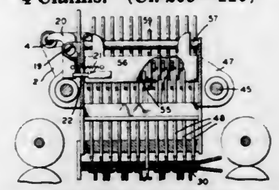
2,059,264
WASHING MACHINE DRIVE MECHANISM
Royal R. Miller, Chicago, Ill., assignor of one-half to Remi J. Gits, Chicago, Ill.
Application June 26, 1935, Serial No. 28,484
11 Claims. (Cl. 74—81)

1. A drive mechanism comprising a driven shaft, a pinion on said driven shaft, a driving member having a toothed surface in engagement with said pinion, means to shift said driving member back and forth in a fixed plane to cause said pinion to oscillate on its axis, and means arranged



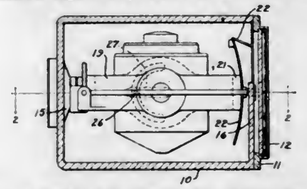
to cause a greater length of toothed surface on said driving member to engage said pinion during a movement of said driving member in one direction than during a movement of the same in the opposite direction.

2,059,265
TWO-CARD SORTING MECHANISM
Edward Rowland Myers, Ottawa, Ontario, Canada, assignor to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware
Application September 27, 1935, Serial No. 42,372.
4 Claims. (Cl. 209—110)



1. In a machine of the class described, analyzing mechanism, comprising a plurality of sensing pins, a bail adapted to lock said pins in operative position, a latch device for rendering said bail inoperative, a rock shaft having a cam-face adapted to operate said latch device and additional sensing means for controlling said rock shaft.

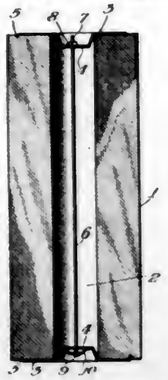
2,059,266
GYRO HORIZON INDICATOR
Francis Glen Nesbitt, Dayton, Ohio
Application September 20, 1933, Serial No. 690,228
4 Claims. (Cl. 33—204)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In an artificial horizon for aircraft, a rotor bearing frame, a gimbal ring supporting said frame for oscillation about a horizontal axis extending transversely of the aircraft, an outer casing in which said gimbal ring is pivoted about a fore and aft horizontal axis adjacent the front and back of said casing, a horizon bar pivotally mounted on said gimbal ring, and means connecting said frame and bar to rock the bar up and down on pitching of the craft, said bar hav-

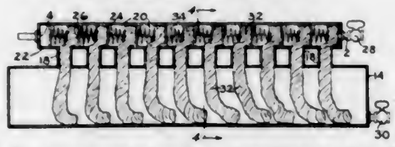
ing the forward portion extending at right angles thereto and lying behind said forward pivot, but having no portion thereof the path of movement of which intercepts the forward gimbal ring pivot in said casing during barrel rolling.

2,059,267
ROLL END PROTECTOR
James C. Nichols, Chicago, Ill.
Application June 13, 1935, Serial No. 26,382
6 Claims. (Cl. 206—59)



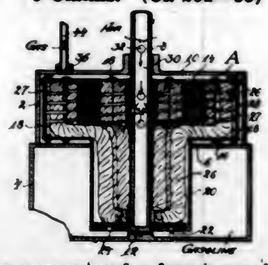
1. A roll end protector comprising in combination, a pair of plates to be positioned at opposite ends of the roll, and means for maintaining said plates in resilient contact with the ends of said roll comprising, a rod which extends through the center of the roll, the ends of said rod normally projecting through said plates, a head on one end of said rod, a resilient member mounted on said rod and confined between said head and the surface of a plate, and means at the opposite projecting end of said rod for preventing movement of said rod inwardly with respect to the opposite plate.

2,059,268
APPARATUS FOR PRODUCING A DRY FIXED GAS
Frank J. Nolan, Bridgeport, Conn., assignor to Electro-Gas Corporation, Rochester, N. Y., a corporation of New York
Application June 3, 1933, Serial No. 674,235
3 Claims. (Cl. 261—99)



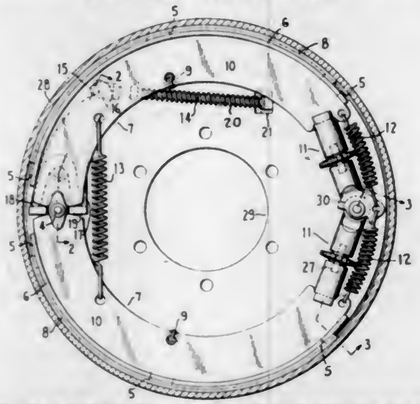
1. In an apparatus for forming a dry fixed gas from liquid hydrocarbons, a liquid container, means forming a plurality of chambers, each chamber having an inlet and an outlet, tubes connecting each of said chambers to said container, means connecting the outlet of each chamber to the inlet of the next chamber, the inlet of one end chamber forming an air inlet while the outlet of the other end chamber forms a gas outlet, wicks each having one end in one of said chambers and the other end extending through said tubes into said container, and coil springs in each chamber pressing the wicks against the inlet opening.

2,059,269
APPARATUS FOR PRODUCING A DRY FIXED GAS
Frank J. Nolan, Bridgeport, Conn., assignor to Electro-Gas Corporation, Rochester, N. Y., a corporation of New York
Application June 7, 1933, Serial No. 674,726
9 Claims. (Cl. 261—85)



1. In an apparatus for forming a dry fixed gas from liquid hydrocarbons, a wick mounted to turn about a vertical axis, means to rotate said wick, a container for liquid hydrocarbon, said wick extending into said container, and means to draw air radially outward in contact with said wick at a velocity substantially directly proportional to the speed of rotation of said wick.

2,059,270
BRAKE
Humphrey F. Parker, New York, N. Y.
Application March 20, 1933, Serial No. 661,769
6 Claims. (Cl. 188—79.5)

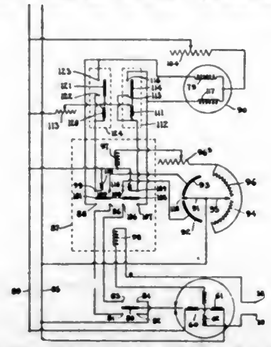


1. In a brake, the combination of a brake shoe, a fixed support, an anchor attached to said support, an extensible thrust transmitting member abutting against said shoe and against said anchor, and a tension spring having one end connected to said shoe and the other end connected to said anchor to maintain said shoe, said expansible member, and said anchor in predetermined relationship, and an adjusting member for said extensible member, said adjusting member engaging said spring to be locked in adjusted position.

2,059,271
CONTROL SYSTEM AND APPARATUS
Humphrey F. Parker, New York, N. Y.
Application May 13, 1933, Serial No. 670,855
26 Claims. (Cl. 172—282)

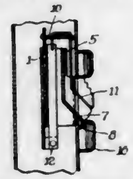
1. The method of steering which comprises creating an E. M. F. proportional to the departure

of a craft from a chosen heading, creating a second E. M. F. proportional to the departure of the rudder from its neutral position, applying



rudder until said second E. M. F. bears a predetermined magnitude relation to said first E. M. F., and then restoring said rudder directly to its neutral position.

2,059,272
OVEN THERMOMETER
George E. Pickup, Newark, Ohio, assignor to The Wehrle Company, Newark, Ohio, a corporation of Ohio
Application January 4, 1935, Serial No. 351
12 Claims. (Cl. 73—119)



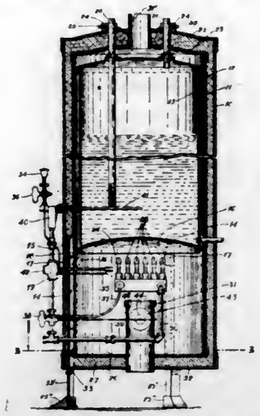
3. A thermometer for an oven door comprising, in combination, a main supporting plate having outwardly projecting end members each terminating on an inwardly extending flange and an outwardly extending flange, a dial plate having a flat upper portion secured to the inwardly extending flanges of said members and having an arcuate outwardly inclined dial portion bearing temperature designations, a base plate attached to said main supporting plate transversely thereof, an indicator pivotally mounted on one end of said base plate and having an arm extending over the dial portion of the dial plate, a thermally responsive element secured to the other end of said base plate and having its free end operatively engaging said indicator, and means including the outwardly extending flanges of the end members for rigidly securing the thermometer to an oven door.

2,059,273
CHEMICAL COMPOUNDS DERIVABLE FROM UREA AND ETHYLENE OXIDE, AND USEFUL AS TEXTILE ASSISTANTS
Henry Alfred Piggott, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application January 22, 1935, Serial No. 2,971. In Great Britain January 22, 1934
14 Claims. (Cl. 260—106)

1. As a new compound, the partial esterification product of a higher monobasic fatty acid and the dihydroxy compound obtainable by condensing urea with a plurality of molecular proportions of ethylene oxide, said compound being characterized by pronounced emulsifying, wetting and dispersing properties.

10. The process of producing an intermediate chemical compound which comprises condensing 1 mol of urea with a plurality of molecular proportions of ethylene oxide, up to 55.

2,059,274
HOT WATER HEATER
Theodore H. Piser, Newton, Mass.
Application June 2, 1934, Serial No. 728,685
15 Claims. (Cl. 122—19)



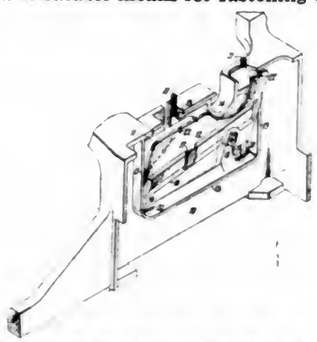
8. A hot water heater comprising in combination, a boiler, a low-input water-heating burner of sufficient gas-burning capacity to maintain the water in the boiler at a relatively high temperature for normal domestic uses, a high-input burner, both of said burners being constructed and arranged for fuel of the same type, a valve controlling the supply of fuel to said high-input burner only, a flue common to both of said burners, and means controlled directly by said valve for regulating the effective cross-sectional area of said flue.

14. A hot water heater comprising in combination, a boiler, a burner for said boiler, a flue for said burner, and a cap having an aperture of smaller diameter than said flue, the cross-sectional area of said aperture being sufficient to permit the influx of the air of combustion required for said burner and said cap being removably associated with said flue.

2,059,275
TYPEWRITING MACHINE
Henry L. Pitman, Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application June 8, 1935, Serial No. 25,545
6 Claims. (Cl. 197—186)

5. The combination with a typewriter-frame having a side and an opening in said side with continuous front, back and bottom rims, of a removable closure for said opening in the form of an inset panel of sheet-material which follows the contour of said opening as established by the front, back and bottom rims, the bottom edge of the panel being entered edgewise into a recess formation provided in the bottom rim, to thereby interlock with said bottom rim, said panel extending upwardly to be confined and overlapped

by said side of the frame at the top of the opening, and releasable means for fastening the panel



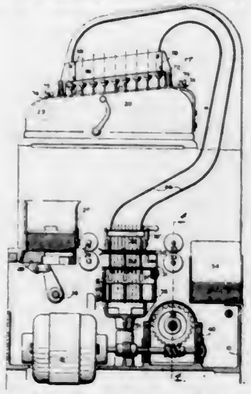
at its upper border against the face of said side of the frame.

2,059,276
BROOCH CONSTRUCTION
Oscar Frank Placco, Cranston, R. I., assignor to Cohn & Rosenberger, Inc., New York, N. Y., a corporation of New York
Application December 6, 1934, Serial No. 756,246
9 Claims. (Cl. 63—20)



1. An ornamental assemblage comprising an ornamental frame having a fastener for securing the same to clothing or the like, a support member detachably securable thereto, and an ornamental member detachably securable to said support member, said ornament member and said frame having cooperating engaging edges, one engaging edge being recessed and the cooperating engaging edge having projecting means for snapping engagement with said recessed edge.

2,059,277
TABULATING MACHINE
James H. Rand, Jr., Buffalo, and William W. Lasker, Brooklyn, N. Y., assignors to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware
Application April 2, 1932, Serial No. 602,656
2 Claims. (Cl. 235—58)

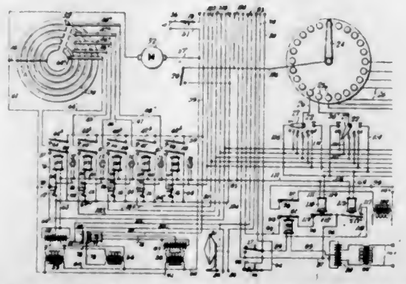


1. The combination of a calculating machine having a plurality of keys for each order of digits, an analyzer having a plurality of setting members arranged in fields and columns, a plurality of flexible connections, a carriage to which one end of each connection is secured, a guideway along which the carriage can be moved to bring one end of each connection into operative relation with one of the setting members in a selected field, a plurality of frames, each adapted to secure the other ends of the connections associated with one column of the setting members, and means for securing any frame to the calculating machine with the connections carried thereby in position to depress the keys of a selected order of digits whenever said connections are actuated by the setting members.

2,059,278
PROCESS FOR MAKING SPONGE RUBBER ARTICLES
Walter Scott Robinson, La Porte, Ind., assignor to E. I. Du Pont de Nemours and Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 24, 1933, Serial No. 699,501
2 Claims. (Cl. 18—53)

1. The process for making sponge or gassed rubber consisting in drying the desired amounts of animal or vegetable fibres and rubber, then mixing the said dried rubber and fibres with a relatively heavy mineral oil so as to render the fibres water-repellent, then adding to said mixture the usual ingredients of gassed or sponge rubber stock including chemical gasifying agents, mixing and vulcanizing the stock.

2,059,279
CONTROL FOR RADIO APPARATUS
George M. Rosenblum, Brooklyn, N. Y., assignor to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application May 29, 1929, Serial No. 366,882
4 Claims. (Cl. 250—20)

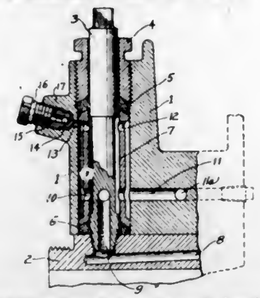


2. In combination, a radio receiving set having means for tuning the same to receive different stations, motor means for operating said tuning means for effecting the different station receiving adjustments of said radio set, station selecting switches for effecting different station receiving adjustment operations of said motor means, time switch means for rendering said station selecting switches operative at various selected time periods, a speaker associated with said radio receiving set and means for automatically rendering said speaker inoperative throughout the range of adjustment determined by a particular station selecting switch at a time determined by said time switch means and for rendering the same operative only upon completion of the station receiving adjustment for such predetermined time period.

2,059,280
INSULATED ELECTRICAL CONDUCTORS
Samuel Ruben, New York, N. Y., assignor to Vega Manufacturing Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 14, 1930, Serial No. 420,818
3 Claims. (Cl. 173—264)

1. A non-refractory conductor having a coating of aluminum oxide derived from a mixture of ground aluminum oxide and a halogen compound of aluminum applied to the conductor and heated to the decomposition point of the halogen compound.

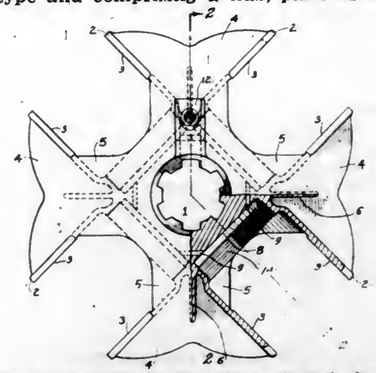
2,059,281
FLUID-DISTRIBUTING AND BLEEDER-VALVE COMBINATION FOR HYDRAULIC BRAKES
Claude Sauzedde, Detroit, Mich., assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich., a corporation of Michigan
Application October 8, 1931, Serial No. 567,671
3 Claims. (Cl. 188—152)



1. In hydrostatically-actuated brake systems, wherein the system includes a plurality of brake shoe members concurrently movable to braking activity relative to braking surfaces carried by a wheel by fluid pressure applied through pressure-translating mechanism, wherein the system includes a spider carried by a shaft or spindle to form a support for the brake shoe members, and wherein the shaft or spindle and the spider respectively carry channels forming a portion of the fluid communication between a source of fluid pressure supply included in the system and the pressure-translating mechanism, means for completing such communication channel, said means including a tubular member carried by the spider, a plug therein and extending axially thereof, said plug extending into the shaft or spindle and having an axial channel in communication with the channel of the shaft or spindle, a port connecting the axial channel with an elongated annular chamber external of the plug, said chamber having open communication with the spider channel, and means carried by the tubular member for bleeding the chamber at will, said latter means including a bleeder valve mounted in the tubular member to control a port leading from the outer end of the annular chamber, said valve being movable rotatively between open and closed positions, whereby entrapped air of the hydrostatic fluid system may be eliminated by bleeder valve manipulation.

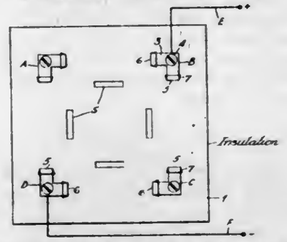
2,059,282
HYDRAULIC BRAKING WHEEL SPIDER
Claude Sauzedde, Detroit, Mich., assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich., a corporation of Michigan
Application October 8, 1931, Serial No. 567,672
11 Claims. (Cl. 188—152)

1. In hydraulic wheel-braking mechanism, wherein the mechanism includes a plurality of individual brake shoe members movable radially to braking-surfaces under the control of fluid pressure to render the mechanism active, and wherein the braking surfaces against which the shoes act are carried internally of the wheel hub, means for supporting the brake-shoes individually, said means including a spider fixedly supported in relation to the shaft or spindle on which the wheel hub is mounted, said spider being of unitary type and comprising a hub, pairs of arms



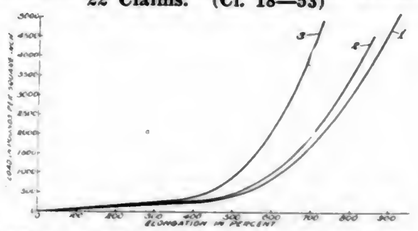
projecting from the hub with each pair having its arms extending parallel to a radius of the spider corresponding to the axis of the brake-shoe structure of which the pair of arms forms the support and between which the actuating mechanism for the brake shoe members is located, to form a support for and guide the structure during the radial movements of the latter, and web connections between arms of adjacent pairs to mutually brace the arms to prevent spreading of a pair during brake application.

2,059,283
POLARITY REVERSER
Franz Saar, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application May 5, 1933, Serial No. 669,577
In Germany May 11, 1932
6 Claims. (Cl. 173—328)



4. A switching means comprising an insulating base, two pairs of metallic spring contacts mounted on said base each contact comprising a flat portion adapted to lie against said base and two upturned end portions lying in planes substantially at 90° with each other and with the plane of said flat portion and a cooperating plug comprising a handle of insulating material and two elongated switch blades carried thereby, each blade being arranged to contact with the parallel upturned end portions of one pair of contacts or with the parallel upturned end portions of a contact of one pair and the adjacent contact of the other pair.

2,059,284
RUBBER MANUFACTURE
James W. Schade, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application April 4, 1933, Serial No. 664,297
22 Claims. (Cl. 18—53)



1. The method which comprises stretching vulcanizable rubber to an appreciable extent insufficient to rupture it, and vulcanizing the rubber, while it is held in its stretched condition, until it retains a substantial part of the applied elongation without losing its capability of being further extended at least 100%.

2,059,285
ORNAMENTAL RIBBON
John R. Sexton and Joseph A. Vivari, Meriden, Conn., assignors to J. R. Sexton Incorporated, Meriden, Conn., a corporation of Connecticut
Application June 5, 1936, Serial No. 83,644
8 Claims. (Cl. 117—60)



1. A ribbon having a laminated body comprised of flat outer strips of thin flexible light transmitting cellulose material and an inner strip of thin flexible light reflecting material, said strips being bound together and crinkled by an open spiral winding of flexible material.

2,059,286
METHOD OF SEWAGE DISPOSAL
Noel Statham, Irvington-on-Hudson, N. Y.
No Drawing. Application January 26, 1935, Serial No. 3,672
8 Claims. (Cl. 210—2)

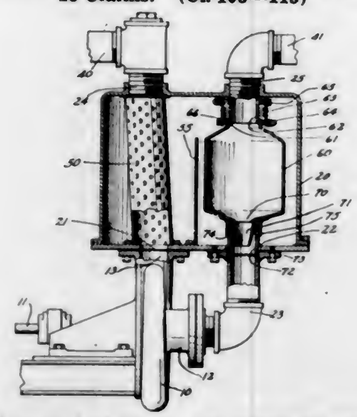
1. In a system of sewage disposal involving the action of bacteria to effect decomposition of the putrescible material, the step which consists in adding activated carbon to such sewage and carrying out the bacterial digestion in the presence of such carbon.

2,059,287
DENTAL FLOSS HOLDER
James A. Storm, St. Louis, Mo.
Application January 21, 1935, Serial No. 2,685
Renewed August 7, 1936
1 Claim. (Cl. 132—91)



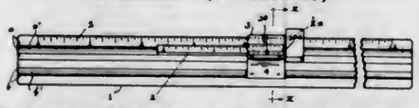
In a dental floss holder formed of relatively rigid material and including a handle and a V-shaped form symmetrically extended from its bight portion at one end of the handle, the prongs of the fork being notched oppositely and outwardly at their extremities for engaging a strand of floss, the provision of means on the handle for temporarily securing the two ends of the strand of floss and centering the strand of floss to the form of an isosceles triangle, ready for use, the said means comprising a centering notch extended obliquely through one lateral margin of the handle and having its inner closed end disposed symmetrically with the said notches of the prongs of the fork and lock notches formed in the lateral margins of the handle in transverse alignment with the closed end of the said centering notch, and through which lock notches the joined ends of the strand of floss may be wound across the handle and the centering notch and conveniently held in place by the thumb of the user, for locking the strand in place for use.

2,059,288
SELF-PRIMING IMPELLER PUMP
Albert C. Stratton, Ridgewood, N. J., assignor to Alfred S. Marlow, Ridgewood, N. J.
Application June 7, 1935, Serial No. 25,394
18 Claims. (Cl. 103—113)



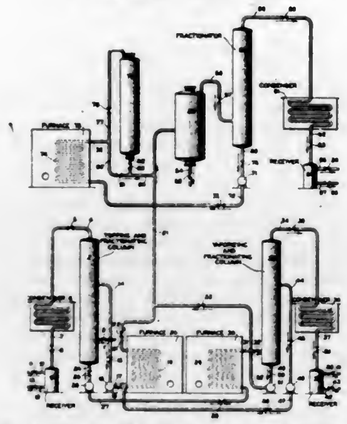
1. A centrifugal pump for pumping liquids, a priming flow system, valving means for controlling the flow of priming liquid from said system to said pump, a main flow system connected to said pump, and a movable chamber inserted in said main flow system and connected to open said valving means as the rate of the main flow through said chamber decreases and to close said valving means as said rate of flow increases.

2,059,289
COMBINATION DRAFTING AND COMPUTING RULE
Anders Svensson, Swissvale, Pa.
Application April 2, 1935, Serial No. 14,241
3 Claims. (Cl. 235—69)



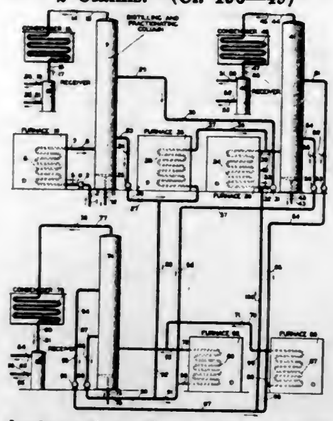
2. In combination with a longitudinally grooved rule of triangular cross-section, an auxiliary scale slidably engaging a groove in said rule, a portion of said scale being offset from the side face of said rule extending from opposite sides of said groove, an index slide overlying one of the triangular ridges of said rule, said slide including two body portions extending severally downward over the two inclined faces that meet in said ridge, one of said body portions of the slide being shaped to engage said offset portion of said scale, and said other body portion of the slide including means engaging the body of the rule and cooperating with the engagement of the slide with the scale in securing the scale and slide in assembly with the rule.

2,059,290
CONVERSION OF HYDROCARBON OILS
Kenneth Swartwood, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application October 26, 1933, Serial No. 695,268
Renewed March 18, 1935
7 Claims. (Cl. 196—49)



1. In a process for the conversion of hydrocarbon oils wherein raw oil charging stock for the process is subjected to fractional distillation to separate it into desirable low-boiling components, which are condensed, intermediate components and high-boiling components, the intermediate components subjected to pyrolytic conversion at elevated temperature and superatmospheric pressure, the high-boiling components subjected to pyrolytic conversion under relatively less severe conditions of elevated temperature and superatmospheric pressure and the products resulting from said pyrolytic conversion of the high-boiling components subjected to vaporization and fractionation whereby they are separated into desirable low-boiling products, which are condensed, insufficiently converted intermediate fractions and high-boiling fractions, the improvement which comprises subjecting said intermediate fractions to further conversion, together with the intermediate components of the charg'ng stock, commingling said high-boiling fractions with the highly heated products resulting from said pyrolytic conversion of the intermediate fractions and intermediate components of the charging stock, subjecting the commingled materials to further vaporization at substantially reduced pressure, subjecting the resulting vapors to fractionation whereby their insufficiently converted components are condensed as reflux condensate, subjecting the reflux condensate to pyrolytic conversion under independently controlled conditions of elevated temperature and superatmospheric pressure, separating the resulting vaporous and liquid conversion products, subjecting the resulting vapors to fractionation for the formation of reflux condensate, which is subjected to further conversion together with the aforementioned reflux condensate, subjecting fractionated vapors of the desired end-boiling point to condensation and recovering the resulting products.

2,059,291
CONVERSION OF HYDROCARBON OILS
Kenneth Swartwood, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application May 23, 1934, Serial No. 727,068
2 Claims. (Cl. 196—49)



1. A hydrocarbon oil conversion process which comprises fractionating the charging oil and separating therefrom a relatively light cracking stock and a heavier cracking stock, subjecting said cracking stocks to separate independently controlled cracking treatments and then combining resultant conversion products, fractionating the commingled vapors and separating therefrom a relatively light reflux condensate and a heavier reflux condensate, cracking these condensates independently of each other and independently of said cracking stocks, subjecting the cracked vapors of said condensates to common fractionation and separating from these commingled vapors a relatively light recycle stock and a heavier recycle stock, retreating said light and heavier recycle stocks together with said light and heavier cracking stocks respectively, and finally condensing the fractionated vapors.

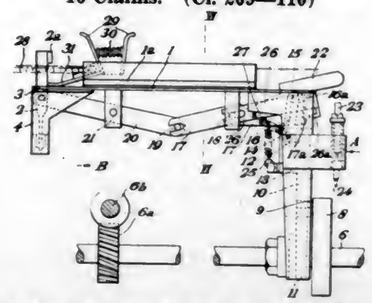
2,059,292
ART OF WORKING SHEET METAL
William T. Taylor, Elkins Park, Pa., assignor to George D. Ellis and Sons, Incorporated, a corporation of Pennsylvania
Application April 13, 1933, Serial No. 665,887
5 Claims. (Cl. 153—2)



1. The method of affixing a name or other design to a sheet of metal, which consists in impressing said design in one side of said sheet to thereby emboss said design on the opposite side

of said sheet, supporting said sheet on the embossed side thereof substantially along transversely spaced lines, and applying pressure to the impressed side of said sheet along lines substantially midway of the unsupported portions of the sheet to form corrugations in said sheet across said design without effacing the design.

2,059,293
SENSING PIN BOX FOR RECORD CARD CONTROLLED STATISTICAL MACHINES
Arthur Thomas, Wallington, England, assignor to The Accounting and Tabulating Corporation of Gt. Britain Limited
Application January 11, 1933, Serial No. 651,206
In Great Britain February 12, 1932
16 Claims. (Cl. 209—110)



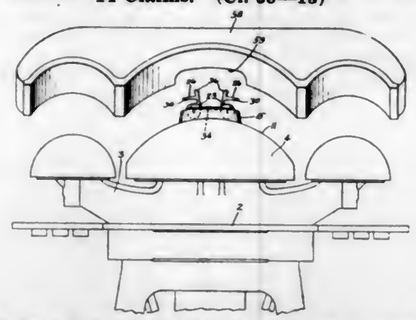
1. Analyzing mechanism for statistical cards comprising a plurality of sensing elements, guides through which the sensing elements pass, said guides being stationary during the operation of the machine, means for reciprocating the sensing elements in the stationary guides, positive, operating mechanism and means whereby relative movement between those sensing elements which have passed through holes in a card and those which have been arrested by the card, causes the elements which have passed through the holes to become locked to said positive operating mechanism, whereby the movements of the elements which have become locked are transmitted positively to mechanism which is required to be actuated.

2,059,294
SANDBLAST NOZZLE
Herbert A. Thorndike, Orlando, Fla., assignor to General Engineering Co., Inc., Fitchburg, Mass., a corporation of Massachusetts
Application June 26, 1935, Serial No. 28,519
5 Claims. (Cl. 51—11)



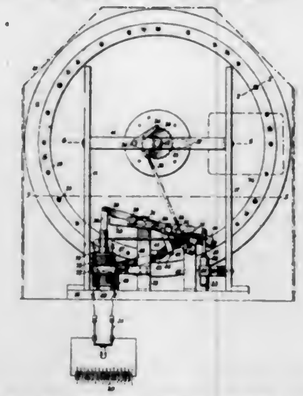
1. In a sand blast nozzle, the combination of a casing and a series of identical discs located therein and filling the interior of the casing, each disc having a non-circular passage therethrough for the passage of sand and air, said casing and discs having cooperating means for locating the discs with their passages slightly offset from each other from end to end of the series.

2,059,295
PRESSING MACHINE
Fred C. Wilhelm, Minneapolis, Minn., assignor to The Unipress Company, Incorporated, Minneapolis, Minn., a corporation of Minnesota
Application April 26, 1934, Serial No. 722,525
14 Claims. (Cl. 38—13)



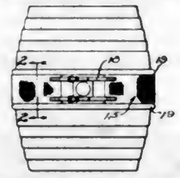
1. In a pressing machine a stationary pressing head and a movable pressing means cooperable with the head, means on the stationary head for supporting the collar of a shirt at a level above its pressing surface while the shirt yoke is in pressing position upon said surface, manually operable means for releasably securing the collar to said supporting means, and means carried by said movable pressing means for releasing said collar-securing means.

2,059,296
ANIMATED DISPLAY DEVICE
James Whitworth, Nutley, N. J., assignor to Motion Displays, Inc., a corporation of New York
Application May 9, 1934, Serial No. 724,653
16 Claims. (Cl. 40—55)



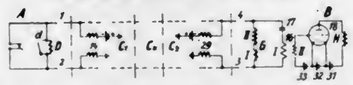
1. In an animated display device, the combination of a movable member, a pair of levers pivotally mounted between their ends and operatively connected together, means for operatively connecting one of said levers to said member, means including a single electro-magnetic device for alternately rotating said lever in opposite directions to impart intermittent movement to said member, and means carried by the other of said levers for alternately making and breaking the circuit through said electro-magnetic device.

2,059,297
MEANS FOR REGULATING TEMPERATURE OF CONTENTS OF BARRELS
Charles H. Widman, Bertil T. Lindell, and Paul F. Seibold, Detroit, Mich., assignors to The Murray Corporation of America, a corporation of Delaware
Application May 12, 1933, Serial No. 670,662
2 Claims. (Cl. 62—144)



1. The combination with a barrel substantially insulated at all points except at the bilge, of an insulated belt having pockets on the inner face thereof for holding a cooling element, and means securing said belt at the uninsulated bilge portion of the barrel.

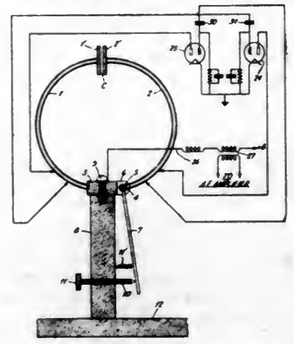
2,059,298
METHOD AND MEANS FOR TRANSMISSION AND REGISTRATION OF SIGNALS
Egon Zoller and Josef Villiger, Zurich, Switzerland
Application April 8, 1933, Serial No. 665,164
In Germany March 24, 1932
17 Claims. (Cl. 179—5.5)



1. In an automatic telephone installation having conductor lines, a calling station, a called station, a source of direct voltage within the exchange of the calling station for interconnecting said calling station to the lines, a signal recording apparatus at the called station, said calling station further comprising an impulse transmitter having an impulse contact and a source of alternating voltage, means for connecting said source of alternating voltage in parallel to the impulse contact of said impulse transmitter and for producing alternating current impulses in the exchange direct current, said alternating current impulses serving to operate said recording apparatus at the called station.

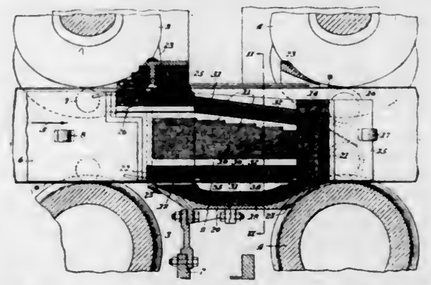
2,059,299
SHORT WAVE TUNER
Jacob Yolles, Brooklyn, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application June 1, 1933, Serial No. 673,817
2 Claims. (Cl. 250—40)

1. An arrangement, adapted for use in a high frequency signalling system, including in combination, a support element, an arcuate metallic conductor affixed to the support, a second arcuate metallic conductor, means for pivotally securing one end of the second conductor to said support, a metallic plate secured to the free end of each of said conductors, said plates being positioned to provide a condenser, and said conductors providing an inductance cooperating with said condenser to provide a resonant circuit, and means,



mechanically coupled to said pivoted conductor, associated with said support to move the pivoted conductor whereby the capacity value of said condenser is adjusted.

2,059,300
APPARATUS FOR THE FORMATION OF ARTICLES BY WELDING
James L. Adams, Jr., Youngstown, Ohio, assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio, a corporation of Ohio
Application September 9, 1932, Serial No. 632,381
12 Claims. (Cl. 219—6)

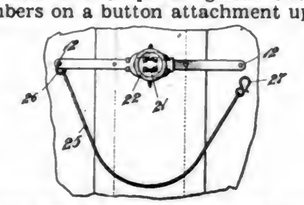


10. In an induction tube-welder, a magnetic core, an exciting coil therefor, feed rolls for moving a formed tube blank with an axial seam past the coil and core, welding rolls for pressing the edges of the blank together, pole pieces at the ends of said core, magnetic yokes between the feed rolls and welding rolls terminating adjacent said pole pieces to complete a magnetic circuit through said yoke, conducting discs adjacent said pole pieces, and conducting rings disposed adjacent the feed rolls and welding rolls but spaced radially from a blank passing therethrough, said discs and rings being effective to confine the flux induced in the core to the magnetic circuit thereof.

2,059,301
CRAVAT HOLDER
Robert E. Albright, Broomall, Pa., assignor of one-half to Amsy L. Wurster, Philadelphia, Pa.
Application May 8, 1935, Serial No. 20,389
11 Claims. (Cl. 24—49)

1. A cravat holder comprising two members relatively movably mounted one on the other and

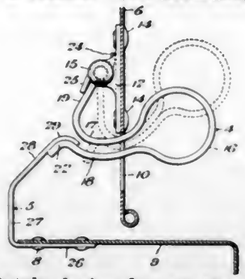
each provided with cooperating means for locking the members on a button attachment upon rela-



tive movement of said members, and means carried by said members for embracing a cravat.

2,059,302
AUTO HOOD FASTENER

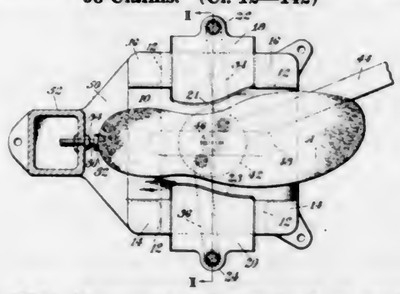
Forrest E. Barber and Ray H. Davis, Flint, Mich.; said Davis assignor to said Barber
Application February 6, 1936, Serial No. 62,676
5 Claims. (Cl. 292—228)



1. In a latch device for an apertured object carrying a pivot on one side above its aperture, a latching member consisting of a strap of resilient material bent upon itself to provide its outer portion in the form of a split loop constituting a handle having its ends merging into the outer ends of a pair of superposed intermediate stretches adapted to pass through the aperture in the object, the upper one of said stretches merging at its inner end in the lower end of an outwardly inclined upstanding upper inner stretch having its upper terminal portion bent upon itself and adapted to loosely connect with said pivot, the lower of the said intermediate stretches merging at its inner end into the upper end of a curved depending lower inner stretch constituting a nose adapted to releasably engage a keeper.

2,059,303
METHOD OF MAKING SHOES

Lewis J. Bazzoni, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application September 20, 1933, Serial No. 690,218
38 Claims. (Cl. 12—142)



1. That improvement in methods of making shoes having close fitting sole margins which consists in displacing the material at the outer portion of a sole transversely toward the center line of the sole while maintaining the material at the inner portion of the sole in substantially its original condition widthwise, attaching the sole to a shoe having a transversely convex bottom, and pressing the marginal portions of the sole into close fitting relation to the shoe upper thereby forcing the displaced material back toward its original position to maintain said marginal portions in such relation to the upper.

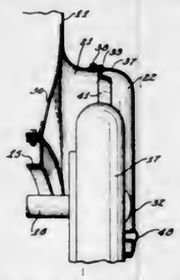
2,059,304
METHOD OF COLD ROLLING COATED SHEET METAL

Lewis W. Beale and Joseph E. Murphy, Vandergrift, Pa., assignors to American Sheet and Tin Plate Company, a corporation of New Jersey
No Drawing. Application January 29, 1935, Serial No. 3,996
2 Claims. (Cl. 80—60)

1. The method which includes rolling terne-coated sheets and plates in a cold wet mill whereby the slippage of the work-piece with respect to the mill rolls is reduced to a minimum.

2,059,305
MOTOR VEHICLE

Frank C. Best, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application October 23, 1933, Serial No. 694,702
3 Claims. (Cl. 280—152)

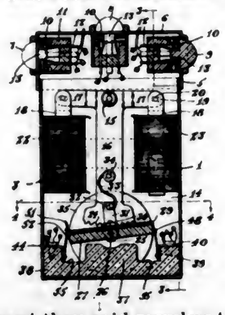


3. In a motor vehicle, a fender comprising longitudinally extending sections having downturned flanges, the outer section being fully aproned, and means extending through at least one of said flanges for detachably securing the flanges together, said securing means including devices operable from the exterior of the fender to release said securing means.

2,059,306
ELECTROMAGNETIC SWITCH

John A. Blanco, Boston, Mass.
Application May 22, 1930, Serial No. 454,669
1 Claim. (Cl. 200—101)

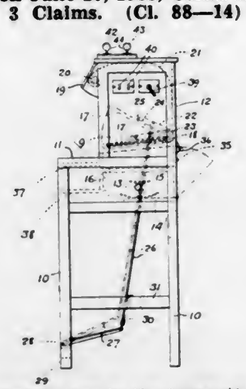
An electric switch of the kind described comprising a rocking member having insulating material and electric conducting material on opposite surfaces, the insulating material being of greater thickness than the conducting material, contact members engaging opposite sides of said member and adapted to alternately contact with either the insulating material or conducting material, a pinion secured to said rocking member and a gear in mesh with said pinion, said gear being carried by a rocking lever actuated by solenoids whereby energizing of a solenoid will actuate the lever and rock the member to predeter-



mine the current thru said member to one of said contacts.

2,059,307
FABRIC INSPECTING APPARATUS

Russell K. Boadwee, Yonkers, and Warren P. Seem, Richmond Hill, N. Y., assignors to Julius Kayser & Co., New York, N. Y.
Application June 10, 1933, Serial No. 675,288
3 Claims. (Cl. 88—14)

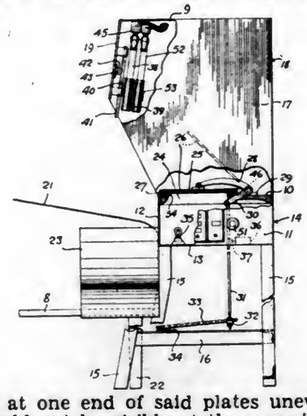


1. A cabinet for use in the inspection and grading of hosiery and other like articles comprising a colored translucent plate for supporting the article to be tested, a similar plate hinged above the first mentioned plate, means for swinging the second plate into position over the article spread upon the first plate, an electric lamp for illuminating the lower plate, a diffusing screen between said lamp and said plate, means for indirectly illuminating the second plate and means for regulating the light values above and below said plates to ensure detection by the inspector of only a certain degree of unevenness in the article being inspected.

2,059,308
APPARATUS FOR INSPECTING FABRIC

Russell K. Boadwee, Yonkers, and Warren P. Seem, Richmond Hill, N. Y., assignors to Julius Kayser & Co., New York, N. Y.
Application February 10, 1934, Serial No. 710,736
6 Claims. (Cl. 88—14)

6. A cabinet for use in the inspection and grading of hosiery and other like articles comprising a colored translucent plate for supporting the articles to be tested, a translucent plate for engaging and covering the article being tested, independent lighting means for both plates, and means for regulating the lighting means to disclose unevenness only beyond a predetermined degree, and the lights being so regulated as to



disclose at one end of said plates unevennesses that would not be visible at the opposite end.

2,059,309
VELVET AND PILE FABRIC AND METHOD OF MAKING SAME

Henry R. Bodell, New York, N. Y., assignor to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application October 18, 1934, Serial No. 748,892
14 Claims. (Cl. 8—20)

1. Process of manufacturing a pile or napped textile fabric comprising filaments of an organic derivative of cellulose, which comprises treating the textile fabric while immersed in a heated finishing bath and thereafter gradually cooling said textile fabric from a temperature of at least 80° C. to a temperature below 40° C. in a liquid medium.

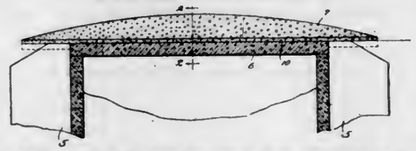
2,059,310
BRONZING LIQUID

Charles Bogin, Terre Haute, Ind., and Vaughn Kelly, Chicago, Ill., assignors to Commercial Solvents Corporation, Terre Haute, Ind., a corporation of Maryland
No Drawing. Application November 5, 1934, Serial No. 751,580
3 Claims. (Cl. 134—79)

1. A nitrocellulose bronzing lacquer containing as gel preventative an alkali metal salt of citric acid in an amount sufficient to prevent gelling of the composition and insufficient to affect deleteriously the composition as a whole.

2,059,311
BRIDGE HANDRAIL

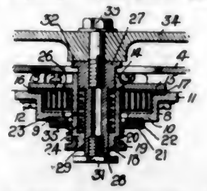
James Daniel Bond and Alpheus Vere Marbry, Robinson, Ill., assignors of one-third to George Gubelman, Robinson, Ill.
Application June 19, 1935, Serial No. 27,443
3 Claims. (Cl. 14—1)



2. A hand rail for bridges comprising a body portion constructed of concrete, the upper edge

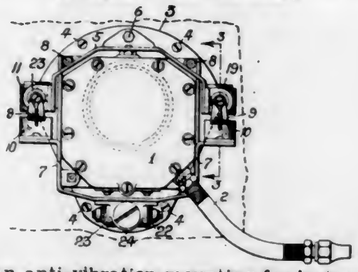
of the hand rail being curved gradually downwardly in opposite directions from a point centrally of the body portion to the ends thereof, and the ends of the rail being substantially at ground level.

2,059,312
ANTIVIBRATION MOUNT FOR AIRPLANE INSTRUMENTS
Bert G. Carlson, Bellerose, N. Y., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York
Application May 24, 1935, Serial No. 23,153
6 Claims. (Cl. 248—358)



1. A shock absorbing support for automatic pilots and other devices carried by aircraft, comprising a casing attached to the aircraft, a housing member frictionally supported directly upon said casing for limited transverse movement with respect to the latter, a plunger member connected for supporting the automatic pilot, said plunger member projecting into said housing member for limited vertical movement therein, resilient means interposed between said housing member and said casing, the frictional support of said housing member upon said casing serving to check said resilient means, and additional resilient means between said housing member and said plunger member, whereby said plunger member and the connected automatic pilot are cushioned against disturbing forces applied to said casing, and means for snubbing said additional resilient means.

2,059,313
ANTIVIBRATION MOUNTING FOR INSTRUMENTS
Leslie F. Carter, Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York
Application September 11, 1934, Serial No. 743,514
3 Claims. (Cl. 248—358)



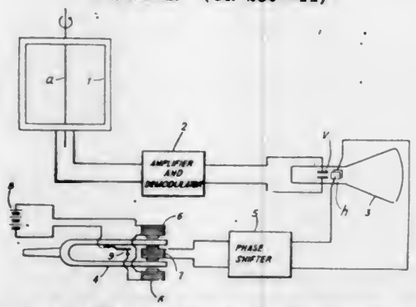
1. An anti-vibration mounting for instruments on a panel, comprising a pair of spaced fixtures for supporting the weight of the instrument at two spaced points substantially in the horizontal and vertical planes containing the center of gravity of the instrument, and a third fixture at the bottom thereof for coupling it to the panel transversely, each of said fixtures including a rubber diaphragm on both the supported and supporting members, connected at their centers by a tension bolt.

2,059,314
LAMP FINIAL
Paul Chilo, Chicago, Ill.
Application August 28, 1935, Serial No. 38,236
6 Claims. (Cl. 41—10)



6. A lamp finial comprising a cylindrical shank member having an axial tapped opening in its lower end, a shoulder on its upper end, a spring member having a central opening riveted to said shank member and resting on said shoulder, said spring member having a plurality of arcuately shaped arms to form a semi-spherical pocket, a ball member having a larger diameter than said pocket yieldingly held therein by said arms and a cap member mounted on said ball member, said cap member having a plurality of arcuately shaped spring arm members.

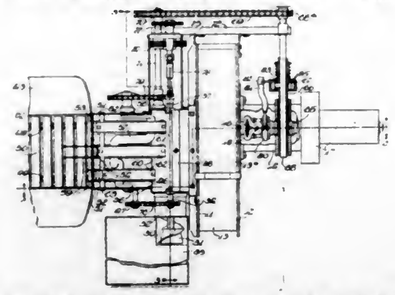
2,059,315
RADIOGONIOMETER
Henri Chireix, Paris, France, assignor to Compagnie Generale De Telegraphie Sans Fil, a corporation of France
Application July 17, 1935, Serial No. 31,857
In France July 20, 1934
7 Claims. (Cl. 250—11)



1. In a radio goniometer, a transmitter having means for emitting brief signals at regular intervals, a directional antenna for collecting the energy of said signals, a radio receiver having amplifying and demodulating means responsive to said signals, a cathode ray tube having horizontal and vertical deflecting circuits, one of said deflecting circuits being so connected to said demodulating means as to produce an amplitude component of a received signal pattern, means including a local source of oscillations connected to the other of said deflecting circuits for producing a time component of said signal pattern, and means for maintaining synchronism between said local source and the transmitted signals.

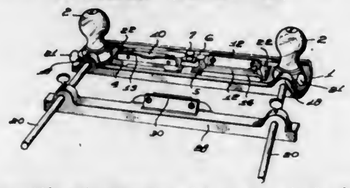
2,059,316
HAMMER MILL
Charles F. Crumb, Batavia, and Merrill W. Roscoe, Chicago, Ill., assignors to International Harvester Company, a corporation of New Jersey
Application June 25, 1934, Serial No. 732,284
10 Claims. (Cl. 146—79)

2. A feed mill comprising an upright drum enclosing a grinding rotor, said drum having a roughage feed opening, a shear bar carried in the opening, a knife on the rotor cooperating with the shear bar to cut roughage fed through said opening, a feeder housing adjacent the drum, a pair of superimposed feed rollers in the housing and adjacent said roughage feed opening, means to feed roughage to said housing and between said rollers, said drum having an auxiliary feed opening arranged below the roughage



opening and shear bar, a hopper for directing other material into the lower end of the feeder housing below said feed rollers and adjacent said auxiliary feed opening, and a screw conveyer in the bottom of the feed housing disposed at substantially a right angle to the roughage feeder and directly below the feed rollers for moving said other material through the auxiliary feed opening into the drum to be ground and mixed with the roughage.

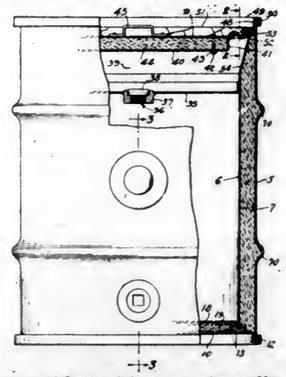
2,059,317
FIBERBOARD CUTTING TOOL
Willis G. Davis, Pompton Plains, N. J., assignor to The Stanley Works, New Britain, Conn., a corporation of Connecticut
Application September 28, 1934, Serial No. 745,999
6 Claims. (Cl. 164—83)



1. A cutting tool, comprising a main body having a pair of openings, cutter blocks interchangeably fitting in the same, one of said blocks carrying a vertical blade and the other a pair of inclined blades, a pair of guide rods mountable in said body at right angles thereto, a gage bar mountable on said rods, and a molding attachment for cutting shallow wide grooves mounted on said rods between said guide bar and the main body.

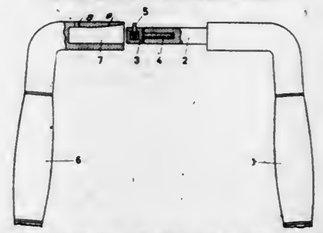
2,059,318
CONTAINER CONSTRUCTION
Philip E. de Merce, Los Angeles, Calif.
Application July 17, 1933, Serial No. 680,721
3 Claims. (Cl. 220—15)

1. In a device of the kind described, a container of a generally cylindrical character having a closure head, the cylindrical and head portion of said container both being formed with inner and outer wall portions in spaced relation to each other, said head having mounted thereon a rubber ring which extends along its circumferential portion, said ring having along its midwidth in its inner face an annular groove, the end portion of the inner wall of said cylindrical portion engaging said recess, and the inner wall of said



head being provided with an outwardly directed peripheral flange which fits within the end portion of the inner wall of said cylindrical portion, said flange also resting within said groove.

2,059,319
ADJUSTABLE DOOR HANDLE COUPLING
Abraham de Vries, Amsterdam, Netherlands, assignor to Naamlooze Vennootschap Ijzerhandel I. M. de Vries, Amsterdam, Netherlands
Application January 24, 1935, Serial No. 3,358
In Germany February 26, 1934
6 Claims. (Cl. 292—352)

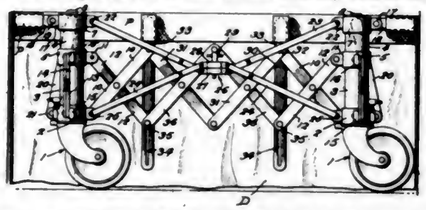


1. In combination, a pair of door handles, one provided with a socket and the other having a shank extending into the socket and being nonrotatable relatively to the socket, a member secured to the end of the shank and axially adjustable relatively to the shank, said member being positioned within the socket, and means detachably connecting said member in the socket for preventing axial movement of the shank relatively to the socket.

2,059,320
CHURCH TRUCK
Arthur H. Dolge, Westport, Conn., assignor to The Embalmers' Supply Company, Westport, Conn., a corporation of Connecticut
Application May 22, 1936, Serial No. 81,313
3 Claims. (Cl. 27—27)

2. A collapsible church truck including two pairs of standards, lazy tongs connecting the standards of each pair to each other, lazy tongs connecting the standards of one pair to the standards of the other pair, means for limiting the extension of said standards and lazy tong mechanism, links pivoted to parts of the last named lazy tongs and slidably connected to other parts of said lazy tongs and constructed to have their upper ends substantially level with the

upper ends of said standards in both extended and collapsed positions of the truck, handles pivoted to the upper ends of said standards, and means for holding said handles substantially horizontal



when the truck is fully extended and for moving the handles upwardly and outwardly of the standards during the movements of the truck from extended to collapsed positions.

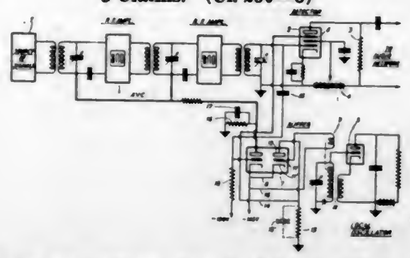
2,059,321

HETERODYNE RECEIVER

Frederick H. Drake, Boonton, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application May 3, 1935, Serial No. 19,575

5 Claims. (Cl. 250—8)



1. In combination with a detector tube of the pentode type, the latter including a suppressor grid disposed between the output electrode thereof and a positive screen electrode, means for impressing desired signals upon the input electrodes of the detector tube, a separate vacuum tube oscillator for producing local oscillations differing in frequency from the signal frequency by an audible frequency, a path coupled between said local oscillation means and the suppressor grid of said detector tube for impressing the locally produced oscillations upon said suppressor grid, said path including an electron discharge tube having its input electrodes coupled to said oscillator, and its output circuit conductively connected to said suppressor grid.

2,059,322

MANUFACTURE OF ARTIFICIAL PRODUCTS

Henry Dreyfus, London, England

No Drawing. Application August 22, 1932, Serial No. 629,904. In Great Britain October 1, 1931

8 Claims. (Cl. 18—54)

1. In a process for the manufacture of artificial filaments, threads, ribbons and like materials, the steps of forming a solution which comprises an organic derivative of cellulose of normal viscosity characteristics, and which contains, in addition to a relatively volatile solvent, a proportion of at least 16% on the weight of the organic derivative of cellulose of a higher boiling solvent capable of forming a solution of the organic derivative of cellulose having a viscosity at least six times that of the corresponding solution of the organic derivative of cellulose in the volatile solvent, and extruding said solution through a shaping device into an evaporative atmosphere.

2,059,323

COLOR PHOTOGRAPHY

John Eggert, Leipzig-Gohlis, and Gerd Heymer, Wolfen Krs. Bitterfeld, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

Application March 27, 1934, Serial No. 717,672

In Germany March 29, 1933

4 Claims. (Cl. 95—75)



1. In the printing of lenticular film on lenticular film the method of preventing moiré effects which consists in positioning the original film and the printing film with their lenticulated faces opposed to and parallel with each other and spaced apart by a transparent substance, and illuminating the printing film through the original film and the spacing transparent substance by means of a light source emanating parallel light, the transparent substance having such a relation between thickness and refractive index that a real image of the light source is produced in the plane of the lenticulations of the printing film said real image having a breadth greater than that of the deformed part of the junction between two adjacent lenticular elements and at most equal to the breadth of one lenticular element.

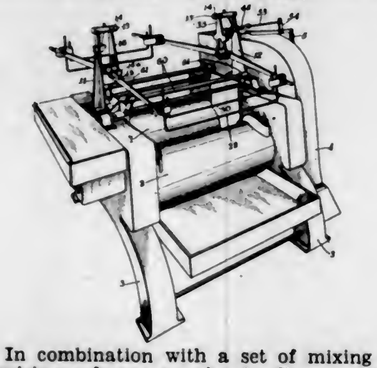
2,059,324

SAFETY DEVICE

John T. Emslie, Arlington, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application February 12, 1935, Serial No. 6,185

7 Claims. (Cl. 192—133)



1. In combination with a set of mixing rolls comprising a frame, a pair of rolls mounted on said frame with their axes parallel and in the same horizontal plane, driving means for said rolls, and tripping means for throwing said driving means out of gear, a safety device comprising a supplemental frame member mounted on said frame and extending above said rolls, rigid means pivotally mounted on said supplemental frame member at a point above said rolls and with the axis of said pivot parallel to said rolls, a guard rod carried by said rigid means in a position parallel to said rolls and normally substantially vertically above one of said rolls a distance such that the arms of the operator of the rolls will strike said guard rod and move it through an arc around the pivot of said rigid means if he makes a dangerous movement toward the bite of said rolls from the side of said set of rolls over which said guard rod is positioned, and means connecting said rigid means to said tripping means whereby said tripping means is actuated by movement of the guard rod from its normal position.

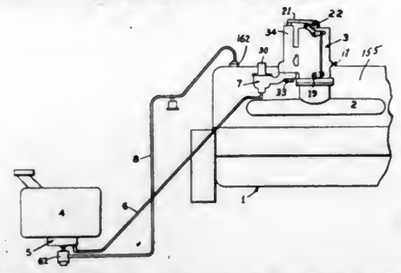
2,059,325

FUEL SUPPLY SYSTEM FOR INTERNAL COMBUSTION ENGINES

George R. Ericson and Leonard D. Boyce, Maplewood, Mo., assignors to Carter Carburetor Corporation, St. Louis, Mo., a corporation of Delaware

Application June 20, 1930, Serial No. 462,669

4 Claims. (Cl. 158—36.5)



3. In a vehicle, an internal combustion engine, a fuel tank, a pump for supplying fuel from said tank to said engine, a pressure control means for said pump, and means operated by tilting of the vehicle for varying the operating condition of said pressure control means.

2,059,326

MANUFACTURE OF NITROCELLULOSE

Roderick K. Eskew, Portland, Maine, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application March 2, 1935, Serial No. 9,123

3 Claims. (Cl. 260—146)

1. Process comprising granulating a sheet of cellulose pulp having a thickness of .020–.080" and a compactness of 50–115, into chips approximately 1/8" to 1/4" square and nitrating said chips with a mixed acid composition containing 50–75% nitric acid together with sulphuric acid and water, at a temperature of not substantially less than 40° C., the amount of mixed acid composition being approximately 10 times the dry weight of said chips.

2,059,327

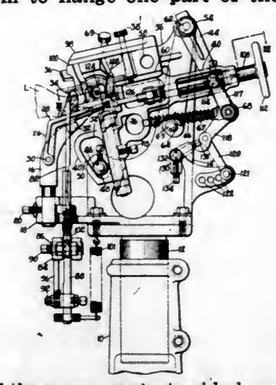
MACHINE FOR SHAPING SHOE UPPERS OR PARTS THEREOF

Joseph Fausse, Melrose Highlands, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application January 6, 1936. Serial No. 57,790

14 Claims. (Cl. 12—7)

1. In a machine for shaping a shoe upper part about the end of a form, a support having a surface adapted to be engaged by the form bottom and to extend outwardly therefrom to an edge substantially parallel to the edge of the form bottom, a clamp plate having an edge complementary to that of said support, wipers mounted for movement toward and away from the clamp plate, and means for moving said wipers successively to cause them to flange one part of the marginal



portion of the upper against said clamp plate and to flange the part of the marginal portion of the upper not engaged by the clamp plate against said support.

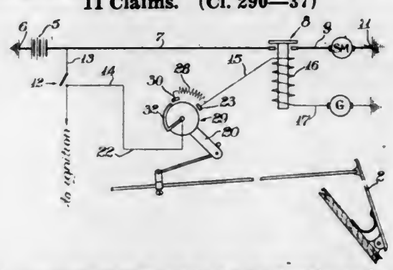
2,059,328

SEMIAUTOMATIC STARTER CONTROL

Malcolm P. Ferguson and Paul H. Maurer, Elmira, N. Y., assignors to Eclipse Machine Company, Elmira Heights, N. Y., a corporation of New York

Application June 30, 1933, Serial No. 678,460

11 Claims. (Cl. 290—37)



1. In combination with an internal combustion engine, means including a control member movable through an operating range for controlling the power of the engine, starting mechanism for said engine including a starting switch, means whereby operation of the control member to a predetermined position in its operating range causes closure of the starting switch, manually controlled means for thereafter maintaining the starting switch closed until the engine starts irrespective of movements of the control member out of its switch-closing position, means responsive to self-operation of the engine for opening said starting switch, and means for opening said starting switch responsive to the complete release of the control member.

2,059,329

HEATER

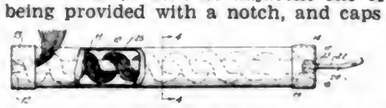
Sol Fisher, Cleveland, Ohio, assignor to The Dill Manufacturing Company, Cleveland, Ohio, a corporation of Ohio

Application August 6, 1934, Serial No. 738,673

2 Claims. (Cl. 132—36)

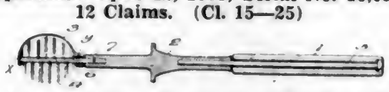
1. A hair waving heater of the steam type comprising a tube open at its opposite ends and having an inner lining of moisture absorbent

material and an outer covering of moisture impervious material, said tube adjacent one of its ends being provided with a notch, and caps for



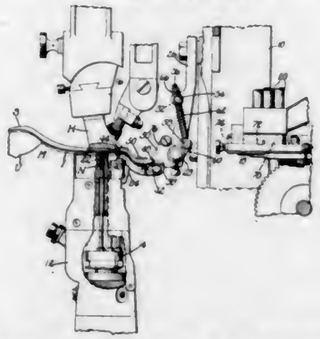
closing the opposite ends of said tube, one of said caps being provided with means for connecting a steam supply pipe thereto.

2,059,330
ROTATING TOOTH BRUSH
Addison H. Flournoy, Washington, D. C.
Application April 12, 1935, Serial No. 16,097
12 Claims. (Cl. 15—25)



1. A tooth brush comprising a handle, a shaft journaled in said handle longitudinally thereof, a turning element secured to said shaft, a cleaning element carried by the outer end of said turning element, and a guard surrounding a portion of said cleaning element and rotatably supported by said turning element, the end of said turning element adjacent said handle being of smaller diameter than said handle and being roughened to facilitate turning by the thumb and finger.

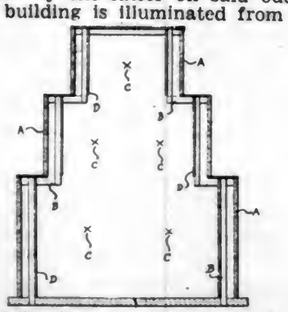
2,059,331
HEEL-ATTACHING MACHINE
George W. Freeman, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application December 13, 1934, Serial No. 757,343
17 Claims. (Cl. 1—32)



1. The combination with a shoe-support, of transferring means movable to deliver fastenings to the support, work-positioning means co-operating with the support, said positioning means normally lying in the path of the transferring means and being movable in the operation of the machine below said path, and a spring for elevating the positioning means into said path.

2,059,332
GLASS-STEEL BUILDING CONSTRUCTION
Isadore Friedman, Boston, Mass.
Application October 23, 1935, Serial No. 46,373
3 Claims. (Cl. 189—1)

3. In a building of the glass-steel type consisting essentially of an outer glass wall and an interiorly arranged supporting framework, means associated with said framework for eliminating shadows cast by the latter on said outer wall when said building is illuminated from within,



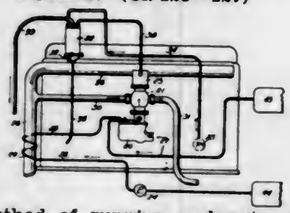
said means simultaneously constituting an ornamental inner lining for said building and increasing the heat insulation thereof.

2,059,333
OIL WELL RIG
Wilford B. Fultz, Graham, Tex.
Application July 22, 1936, Serial No. 92,032
5 Claims. (Cl. 255—11)



1. In a well rig, a mast comprising posts, clamps bindingly engaged with the posts, and a sheave pulley shaft mounted on the clamps.

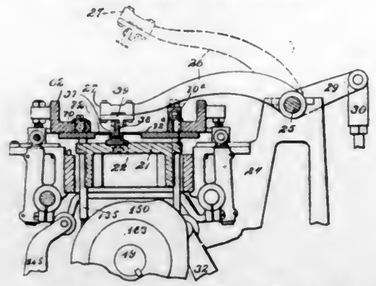
2,059,334
METHOD AND MEANS TO RUN CARBURETOR INTERNAL COMBUSTION ENGINES
Nils Gustaf Albert Gustafsson, Stockholm, Sweden, assignor to Svenska Ackumulator Aktiebolaget Jungner, Stockholm, Sweden, a corporation of Sweden
Application August 3, 1934, Serial No. 738,358
In Germany August 8, 1933
4 Claims. (Cl. 123—127)



1. A method of running carburetor internal combustion engines on heavy fuel, which engines

are constructed normally to run on light fuel, comprising controlling the supply of the two fuels in such a manner that during such periods of time when the temperature of the exhaust gases is insufficiently high to allow expulsion from the lubricating oil of fuel which entered said oil as impurity, essentially light fuel is supplied to the engine, whereas during such periods of time, when the temperature of the exhaust gases is sufficiently high to effect expulsion from the lubricating oil of heavy fuel, fuel is expelled from said oil and essentially heavy fuel is supplied to the engine.

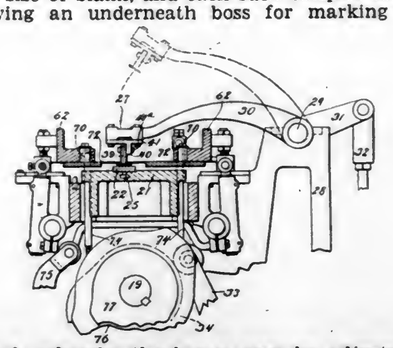
2,059,335
INFOLDING MACHINE
Alfred G. Gilbert, South Acton, Mass., assignor to Reece Folding Machine Company, Boston, Mass., a corporation of Maine
Application January 4, 1933, Serial No. 650,072
3 Claims. (Cl. 223—38)



1. A machine for infolding edges of collar or analogous blanks and impressing temporary location marks adjacent the folded periphery thereof, to assist subsequent registration with or attachment to other parts of articles or garments, comprising in combination, a bed having a raised blank support or pad approximately the size and shape of the folded blank, a blank defining member fitted to descend upon a blank upon said support and to retract upwardly, and an infolding member fitted to move inwardly for infolding a blank edge while resting on the raised support and defined by the defining member, and to retract outwardly beyond the support and there to descend to a normal lowered position; one of said members and the support having complementary blank impressing elements, namely a short projection located adjacent the blank periphery and an opposing recess; whereby with a single operation of the defining and infolding members the blank is defined, infolded and impressed with marginal registration marks at the required peripheral points; the defining member being constructed in sections and having means for adjusting lengthwise its sections for different lengths of blank, and the raised support being constructed in sections and having means for adjusting lengthwise its sections to correspond with adjustment of the defining member and thereby adjusting its impressing element for each length of blank.

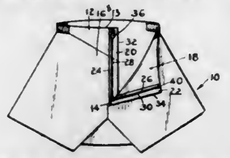
2,059,336
INFOLDING MACHINE
Michael J. Curley, Troy, N. Y., assignor to Reece Folding Machine Company, Boston, Mass., a corporation of Maine
Application January 18, 1933, Serial No. 652,271
10 Claims. (Cl. 223—38)

1. In a machine for infolding blanks for collar bands and impressing outer and inner location marks adjacent the periphery thereof, the combination with a blank-supporting bed, a blank-defining templet, and means for infolding the blank while resting on the bed and defined by the templet; the templet having outer and inner sections relatively adjustable lengthwise for size of blank, and each such templet section having an underneath boss for marking the



blank, whereby the bosses may be adjusted to different distances from each other and from the center of the templet; the bed having relatively adjustable sections with one outer section beneath both an outer and inner templet section, and such outer bed section having a recess opposite one of said templet bosses and a series of recesses opposite the other thereof.

2,059,337
GARMENT AND CLOSURE THEREFOR
Richard M. Goldsmith, New York, N. Y.
Application January 17, 1936, Serial No. 59,492
2 Claims. (Cl. 2—234)

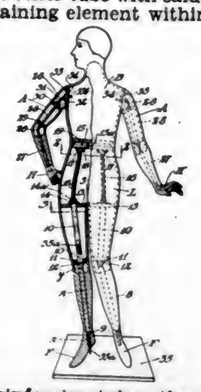


1. A bifurcated garment having crotch and waist portions having provision for opening the front of the garment completely from the apex of the crotch to the waist or partially to a point substantially below the waist, said garment having separable front portions extending from said crotch to said waist, slide operated fastener stringers attached to said separable front portions for substantially the full length of the latter, said stringers having separable end-connecting members at their ends which are disposed in the waist portion of the garment, and a single slider acting on said stringers to partially or completely disengage the latter from each other from the crotch toward the waist of the garment, said end-connecting members being disengaged from each other when said slider is moved to the waist of the garment to completely disengage said stringers.

2,059,338
DISPLAY FIGURE
Guy C. Goodsill, Hollywood, Calif.
Application April 9, 1934, Serial No. 719,696
2 Claims. (Cl. 223—68)

1. In a display figure, a tubular casing simulating at least a portion of a human body, a pair of rigid reinforcing tubes mounted longitudinally within said casing and having opposing ends, a

transverse mounting plate fixed to said casing therewithin and with which one of said tubes is connected for preventing longitudinal movement of said tube relatively to said plate, means for connecting the other tube with said casing, a flexible shape-retaining element within the opposing



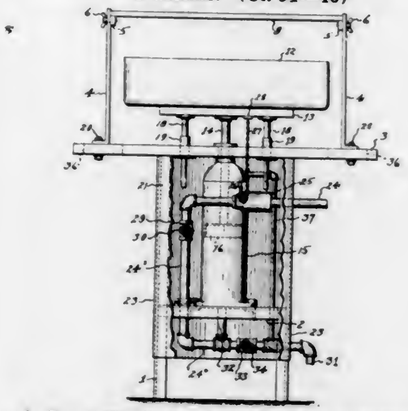
ends of said reinforcing tubes, the opposing ends of said reinforcing tubes having projecting abutment portions which limit bending of said shape-retaining element in one direction and having cut-away portions which permit bending of said element in certain directions.

2,059,339

DIPPING MACHINE

William T. Green, Newark, N. J., assignor to Maas & Waldstein Co., Newark, N. J., a corporation of New Jersey

Application June 26, 1934, Serial No. 732,405
5 Claims. (Cl. 91—46)



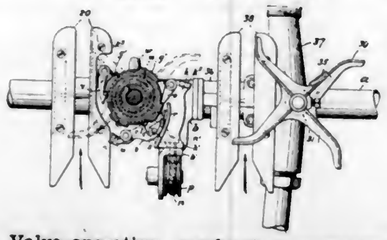
1. In a dipping machine of the character described, a vertical hydraulic operating cylinder, piping connecting said cylinder to a supply of water under pressure and to a drain, a piston reciprocatable within said cylinder, a piston rod extending upwardly from said piston and through the top of said cylinder, a container carrying platform mounted on the top of said piston rod, a container on said platform, and stationary work carrying means positioned above said platform, whereby upward movement of said piston due to the admission of water under pressure from said piping causes said container to rise so that coating liquid therein will envelop work supported by said work carrying means, some of the water under pressure escaping through said piping to the drain during the upward movement of said piston, thereby preventing the formation of ripples on the liquid surface of said container and hence producing perfect coating.

2,059,340

MECHANISM FOR OPERATING MILKING MACHINE VALVES

Cyrus Howard Hapgood, Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y., a corporation of New Jersey

Application December 23, 1931, Serial No. 582,774
12 Claims. (Cl. 137—139)



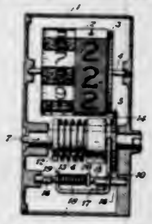
1. Valve-operating mechanism comprising a valve, a valve-operating shaft, a wheel carried by the shaft, a manually movable frame, means operable in the movement of the frame to turn the wheel and shaft and thereby turn the valve, a lever provided with a stop adapted to limit the movement of the frame, said lever being normally in inoperative position, and means carried by the frame adapted, in its manual movement, to swing said lever into operative position.

2,059,341

REGISTER

John P. Harvell, Newton, Mass., and Edward A. Slye, East Hartford, Conn.; said Harvell assignor to American Telephone and Telegraph Company, a corporation of New York, and said Slye assignor to Veeder-Root, Incorporated, a corporation of Connecticut

Application August 2, 1932, Serial No. 627,286
17 Claims. (Cl. 235—144)



2. Registering apparatus comprising in combination, a rotatable element adapted normally to remain stationary in a predetermined position, driving means adapted to rotate said rotatable element, shifting means for effectively connecting and disconnecting said rotatable element and said driving means to start and stop the forward rotation of said rotatable element as desired, control means for controlling the operation of said shifting means, means under the control of said shifting control means for indicating whether said rotatable element is in its operative or inoperative conditions with respect to said driving means, and reset mechanism, which includes a coil spring, associated with said rotatable element and adapted to permit the forward rotation of said rotatable element through any part of a

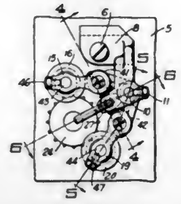
revolution or through any number of revolutions and, when said rotatable element and said driving means are effectively disconnected to restore said rotatable element to its normal predetermined position.

2,059,342

PAD ROLLER ASSEMBLY

Paul Haas, Maspeth, N. Y., assignor to United Research Corporation, Long Island City, N. Y., a corporation of Delaware

Application July 24, 1935, Serial No. 32,841
10 Claims. (Cl. 271—2.3)



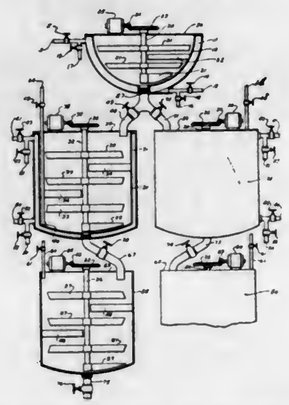
1. A pad roller assembly comprising a pair of arms movable about a common axis, a roller mounted at each terminal of said arm, means positioned between said arms and intermediate said rollers and said axis for separating the terminals of said arms simultaneously, and means bearing on said last mentioned means and adapted to individually vary the separation of said arms, said last mentioned means being adjustable from the side of said assembly.

2,059,343

PAPER MANUFACTURE

Frank Hadfield, Chillicothe, Ohio, assignor, by mesne assignments, to The Mead Corporation, Dayton, Ohio, a corporation of Ohio

Application July 25, 1930, Serial No. 470,594
1 Claim. (Cl. 91—68)



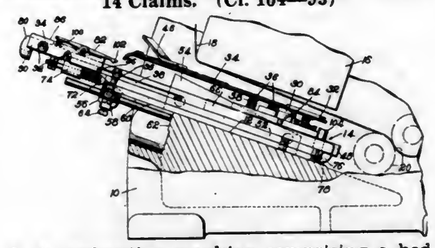
A coated paper adapted for printing and book paper, comprising a sheet having a surface coating containing approximately 70% to 85% by weight of a mineral filler including a major proportion of carbonate filler and a minor proportion of satin white, and approximately 30% to 15% by weight of a mixed starch-casein size containing approximately 90% starch and 10% casein.

2,059,344

MACHINE FOR OPERATING UPON SHEET MATERIALS

Charles E. Hardenbrook, Jr., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application July 14, 1934, Serial No. 735,234
14 Claims. (Cl. 164—93)



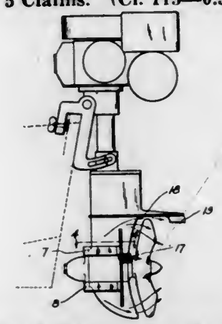
9. A perforating machine comprising a bed, a plunger mounted for reciprocation relatively to the bed, a die support carried by the bed, a die slidably mounted upon the support, means for guiding the die in its movements along the support comprising a rail extending longitudinally of the support, the support having a plurality of openings extending along the ends thereof, means for detachably securing the rail to the support including a hooked portion upon one end of the rail adapted to enter one of the openings in one end of the support, and a spring-pressed plunger carried at the other end of the rail adapted to enter one of the openings in the other end of the support.

2,059,345

MOTOR RETARD

Frederick G. Hawney, Seattle, Wash.

Application January 24, 1935, Serial No. 3,261
5 Claims. (Cl. 115—0.5)



3. A device of the type described consisting of baffles, U-shaped clamps (connecting said baffles) for snapping them to the gear housing of an outboard motor in front of the propeller.

2,059,346

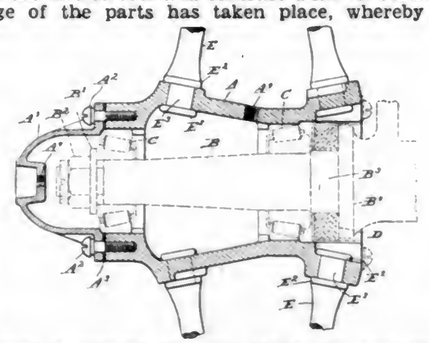
METHOD OF MAKING METAL WHEELS

Joseph L. Hecht, Davenport, Iowa, assignor to French & Hecht, Incorporated, a corporation of Iowa

Application April 14, 1934, Serial No. 720,542
3 Claims. (Cl. 29—159.02)

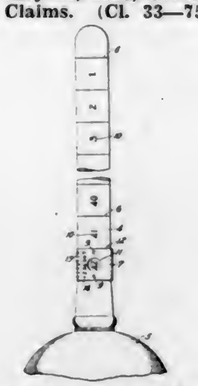
1. In the manufacture of a wheel wherein the spokes are heated to enable them to be upset to form a connection with the hub of the wheel, the method of fastening a spoke to the hub to provide a sealed connection therewith, including as steps, inserting the heated end of the spoke in a hole extending through the wall of the hub, upsetting the spoke end to connect the

spoke with the hub and to swell out the portion of the spoke passing through the hole in the hub wall to fill said hole completely, allowing the upset spoke end and surrounding region of the hub to cool and contract until all shrinkage of the parts has taken place, whereby a



space is created between the spoke and surrounding hub wall defining said hole, and then upsetting the spoke end while cold to swell out the portion thereof passing through said hole and fill completely the space between the spoke and the hub created by the shrinkage due to cooling.

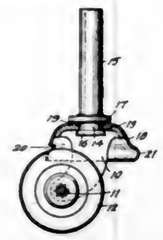
2,059,347
HOUSEHOLD APPLIANCE
Charles P. Henry and Lloyd D. Batman, Oakland, Calif.
Application May 21, 1935, Serial No. 22,592
2 Claims. (Cl. 33—75)



1. A measuring device comprising a cylindrical rod having a plurality of spaced indicia comprising circumferential lines disposed thereon dividing said rod longitudinally into a series of distance units, a plurality of consecutive numerals on said rod disposed adjacent said lines, and a sleeve slidably mounted on said rod having an aperture therein through which said numerals may be viewed, an edge thereof registrable with said lines, and indicia thereon registrable with said lines for indicating fractional parts of said units.

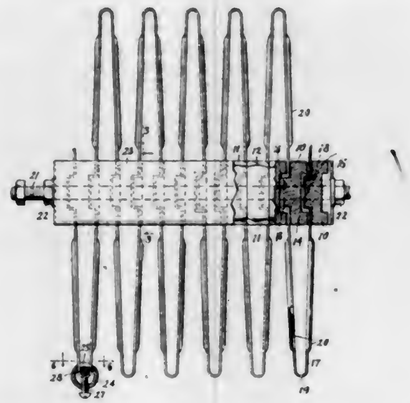
2,059,348
CASTER
Walter F. Herold, Bridgeport, Conn., assignor to The Bassick Company, Bridgeport, Conn., a corporation of Connecticut
Application September 7, 1935, Serial No. 39,541
2 Claims. (Cl. 16—18)

1. In a caster, a horn having a vertical swivelling axis and having a top and sides, a wheel carried by said horn sides having a horizontal axis laterally offset with respect to said vertical swivelling axis, and a guard secured to said horn top and projecting outwardly and downwardly in surrounding relation thereto below the top of the wheel, the lower edge of said guard being curved inwardly and disposed in a circumferential line



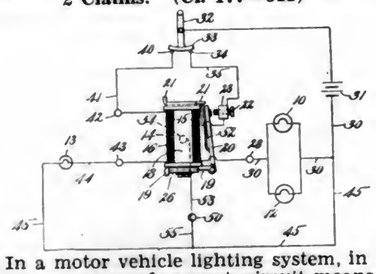
intersecting said wheel in inwardly spaced relation to the wheel tread and having a cut-out engaged by the wheel tread, whereby said wheel projects with respect to one side of said horn top to constitute an obstruction against contact therewith and said guard constitutes a continuous circumferential projection from one side surface of said wheel to the other side surface.

2,059,349
RESISTANCE UNIT
John H. Hertner, Lakewood, Ohio, assignor to The Hertner Electric Company, Cleveland, Ohio, a corporation of Ohio
Application February 12, 1932, Serial No. 592,570
4 Claims. (Cl. 201—69)



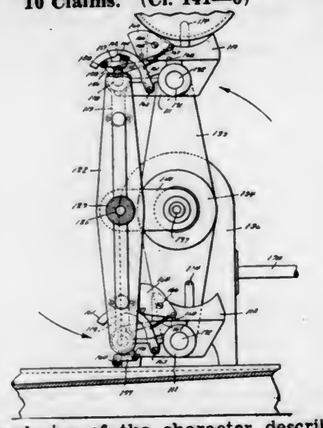
1. In a resistance unit, a resistance element, a support, said support comprising a plurality of similar members having recesses on one side thereof and aligned projections on the other side, said members being arranged in alignment with a projection of one engaging in the recess of another, and means for clamping said members together, said resistance element having a plurality of reversely bent portions connected by substantially straight portions, said straight portions being arranged between the adjacent members of said support and having offsets formed therein which extend into said recesses and receive said projections.

2,059,350
ELECTRIC LIGHTING SYSTEM
Edward Heymann and Frank W. Heymann, Boston, Mass.
Application May 7, 1932, Serial No. 609,973
2 Claims. (Cl. 177—311)



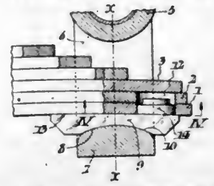
1. In a motor vehicle lighting system, in combination, a source of current, circuit means connected to said source and including a headlight branch circuit for the vehicle headlights and a tail-light branch circuit for the tail-light, said circuit means also including selective switch means for energizing both said branch circuits or either one of said branch circuits only, an electromagnet coil in said headlight branch circuit and responsive to the current intensity flowing through the headlights only, an electromagnet coil in said tail-light branch circuit and responsive to the current intensity flowing through the tail-light only, armature means for said coils attracted thereby into a first position while currents of predetermined intensities are flowing in said individual branch circuits and returned to a second position when the current in at least one branch circuit drops below said predetermined intensity therefor, a circuit breaker actuated by said armature means when so attracted, a signal lamp, and a signal branch circuit also connected for supply from said source and extending through said circuit breaker and signal lamp so that the signal lamp is lighted when the current flowing in either the headlight or tail-light branch circuit drops below said predetermined intensity.

2,059,351
BARREL WASHING APPARATUS
Frank G. Holland and John Green, Cleveland, Ohio, assignors of one-third to E. F. Buescher
Application January 15, 1934, Serial No. 706,611
10 Claims. (Cl. 141—6)



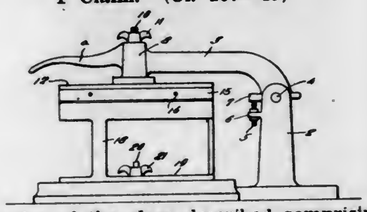
7. In a device of the character described, a carrier provided with a plurality of saddles each for supporting a keg, means for rotating said carrier about a substantially horizontal axis and for maintaining said saddles in keg supporting position during the rotation thereof and mechanism including a single nozzle on each saddle for intermittently spraying the interior of a keg through said nozzle a plurality of times while it is on a saddle, the said mechanism being operated by the rotation of the carrier.

2,059,352
SPRING CLIP
Harry A. Hoke, Altoona, Pa.
Application August 7, 1935, Serial No. 35,048
2 Claims. (Cl. 267—54)



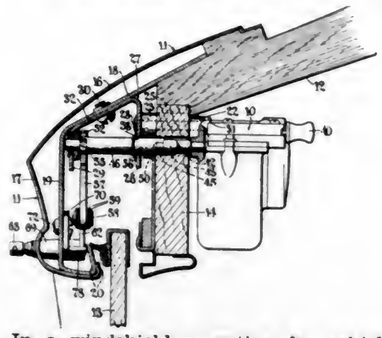
1. In combination, a semi-elliptical spring comprising an assembly of superimposed leaves, hangers at the ends of said leaf assembly having bearing members through which the load is applied, clips interposed between said bearings and said leaves, said clips having capacity for rocking engagement with said bearing members and being adapted to maintain full surface contact with said leaves under varying conditions of spring deflection, each said clip having a vertical projection freely seating in a hole drilled in said leaf assembly and disposed outside the points of load application on said clips, said clips being unattached to the leaf assembly, and the end portions of said leaves being solid throughout the regions inside said points of load application.

2,059,353
PIE CRIMPER
Elmer S. Houck, York, Pa.
Application November 8, 1935, Serial No. 48,909
Renewed September 24, 1936
1 Claim. (Cl. 107—49)



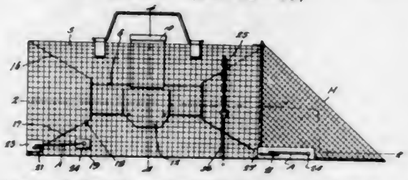
A device of the class described comprising a base, a pie pan holder including a holder part, legs depending therefrom and a base, means for detachably connecting the base of the holder to the first-mentioned base, a post rising from the first-mentioned base, a flange on said post, an adjustable set screw in said flange, a lever pivotally connected with the upper end of the post, a flange on said lever adapted to abut said set screw for limiting the downward movement of said lever, a combined crimping and cutting member detachably connected with the free end of the lever, a handle connected with the free end of the lever, whereby by swinging the lever downwardly the combined die and cutter member will crimp the edges of a pie and cut surplus dough from the edges of the pie.

2,059,354
WINDSHIELD CLEANER
Henry Hueber, Buffalo, and Erwin C. Horton, Hamburg, N. Y., assignors to Trico Products Corporation, Buffalo, N. Y.
Application April 25, 1932, Serial No. 607,457
9 Claims. (Cl. 15—255)



1. In a windshield mounting for vehicles, a frame member constituting a part of the windshield receiving structure, a windshield cleaner motor, means on one side of the frame member independent thereof and having portions extending to the other side of the frame member for detachably supporting the cleaner motor, a support for said means, wiper actuating mechanism supported by said means on the side of the frame member opposite the motor, said motor and mechanism having engaging connecting members extending freely through the frame member and being freely separable axially with respect to each other when the motor supporting means is released.

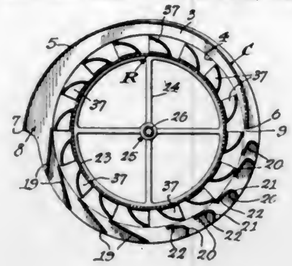
2,059,355
ANIMAL TRAP
James L. Hurst, Spirit Lake, Iowa, assignor of one-half to B. E. Grottum, Jackson, Minn.
Application April 15, 1936, Serial No. 74,537
1 Claim. (Cl. 43—69)



A trap of the class described comprising a casing, trapping means in the casing, said trapping means including trip means to deposit an animal in the bottom of the casing, a treadway leading up to the trapping means and being swingably mounted in forming a closure for the bottom of the casing, and means for releasably holding the treadway member in place, said means being in the form of spring members on the casing and having pins engageable through the casing and above the free or lower ends of the treadway devices.

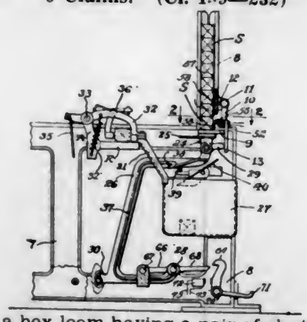
2,059,356
WINDMILL
Arthur E. James, Bidwell, Ohio
Application May 29, 1936, Serial No. 82,641
1 Claim. (Cl. 170—12)

A windmill comprising an elongated vertical casing including a closed top member, a bottom member and a wall extended part way around the casing and joining the top and bottom members, a rotor supported for rotation within the casing and having buckets, the wall being disposed in spiral form with respect to the periphery of the rotor, thereby to form an air inlet at one vertical edge of the wall, and to form, at the opposite vertical edge of the wall, a reduced secondary outlet for air that follows around the inner surface of the wall, along with the buckets, the bottom member having a large primary outlet for air, deflectors carried by the casing and discharging into a group of the buckets, the deflectors being located between said vertical edges of the wall and opposite the wall, the deflectors



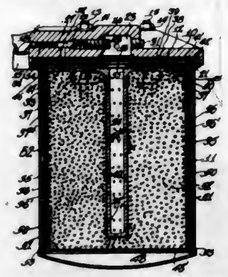
that are adjacent to said one vertical edge of the wall, and to the inlet, being flat, the deflectors that are adjacent to said opposite vertical edge of the wall, and to the secondary air outlet, including outwardly extended portions, and portions extended circumferentially of the rotor and discharging into divers of the buckets of said group, at least one of the last mentioned deflectors being located directly in front of said opposite vertical edge of the wall and in front of the secondary air outlet, the outwardly extended portions being so inclined as to direct air away from the secondary air outlet as the force of the wind varies, and means for mounting the casing for rotation responsive to a shift of wind.

2,059,357
LOOM
William Van Duyn Jewett, Fall River, Mass., assignor to United Merchants & Manufacturers, Inc., New York, N. Y., a corporation of New York
Application May 15, 1933, Serial No. 671,211
9 Claims. (Cl. 139—232)



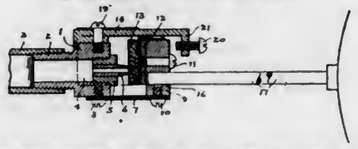
1. In a box loom having a pair of shuttle boxes, a shuttle for each box, a weft detector for each box, means to automatically discharge shuttles from the loom when said shuttles are to be replaced, means to automatically supply new shuttles to the loom, the shuttles for the different boxes having different characteristics and for the same box the same characteristics respectively and means to hold said means for automatically supplying the shuttles inactive unless a shuttle having the same characteristics as the one discharged is delivered to a box from the supply means.

2,059,358
OIL CLARIFIER
Clarence Edward Johnson, Easton, and Henry T. Moore, Drexel Hill, Pa.
Application June 23, 1934, Serial No. 732,184
11 Claims. (Cl. 210—131)



9. In an oil clarifier, a head and a refill unit, there being cooperating oil flow openings between the head and refill unit, the unit having an outer container, an outer container head, having inlet port toward its circumference, an inner container, an oil clarifying material in the inner container, an inner container head, a spacer reinforcement plate between the heads and gaskets between the plate and heads, and the plate being recessed at one side to provide an oil channel from the said inlet port.

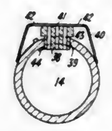
2,059,359
FLOAT VALVE
Albert Karges, Woodstock, Ontario, Canada
Application July 11, 1934, Serial No. 734,586
3 Claims. (Cl. 137—104)



2. An improved float valve comprising in combination a pair of blocks spaced apart and presenting flat side surfaces disposed in a substantially common plane, a flat leaf spring disposed in said common plane and secured at its respective ends to said flat side surfaces of said blocks one of said blocks having a tubular outlet and the other having a valve, and a float arm rigidly mounted on said latter block and controlling the flexing of said flat leaf spring into and out of its plane of disposition.

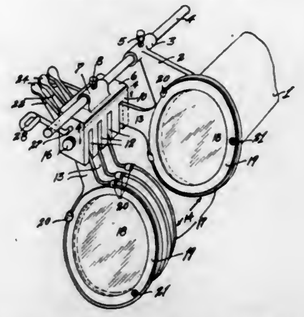
2,059,360
GAS BURNER
George Keith, London, England, assignor to James Keith & Blackman Company Limited, London, England, a company of Great Britain
Original application November 19, 1935, Serial No. 50 493. Divided and this application April 16, 1936, Serial No. 74,661. In Great Britain November 1, 1934
1 Claim. (Cl. 158—104)

A gas burner comprising, in combination, a burner tube formed with a row of apertures through its wall and with small passages traversing the wall of the tube adjacent the apertures, nozzles fitted into said apertures, and a channel strip fixed to and extending lengthwise of said



tube, said channel strip holding said nozzles in position in said apertures, said channel strip being provided with slots overlapping said nozzles, and said small passages opening into the space between said channel strip and said tube.

2,059,361
COLOR SCREEN HOLDER
Kenneth P. Kenworthy, Moscow, Idaho
Application August 5, 1935, Serial No. 34,782
3 Claims. (Cl. 240—3.1)

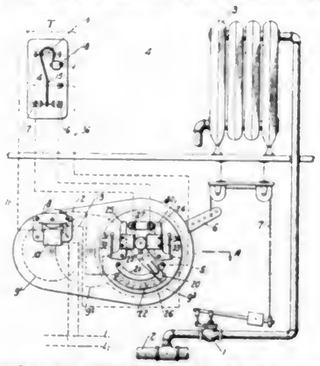


1. A device of the character described comprising a rod, means for mounting the rod longitudinally of a light projector, at the front thereof, a housing carried by said rod and depending therefrom, said housing being open at its bottom and having side walls slotted vertically, a pivot rod extending longitudinally through the housing, screens having shanks extending transversely in the housing and engaged through the slots of one side wall thereof, the shanks being pivoted upon the pivot rod and provided with handles extending through the slots of the other side wall of the housing, whereby pressure may be applied to the handles to swing the screens upwardly to a raised position for use, a tooth at the junction of each shank with its handle, and a latch carried by said housing and individually engageable by the teeth for holding the screens in a raised position, the latch being movable into position to release the teeth and permit return of the screens to a lowered position.

2,059,362
HEAT CONTROL
James Lewis Kimball, Danvers, Mass., assignor to Ruggles-Klingemann Mfg. Co., Salem, Mass.
Application April 28, 1934, Serial No. 722,954
16 Claims. (Cl. 236—68)

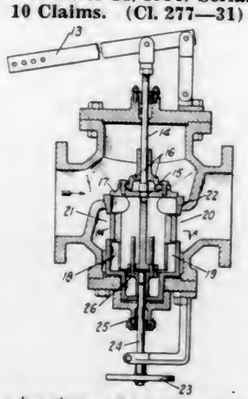
1. Method of heat control which comprises regulating the supply of heating medium to the space to be heated by an element responsive to variations in temperature from normal in said space, and advancing said element in advance of the

return of the temperature to normal by means of false heat applied to said element and varied



in accordance with the anticipated return of the temperature in the space heated to normal.

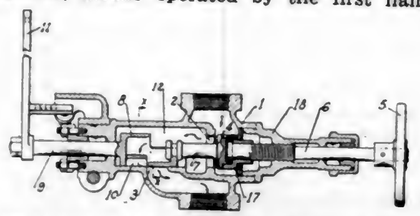
2,059,363
THROTTLE VALVE
Linwood Kimball, Danvers, Mass., assignor to Ruggles-Klingemann Mfg. Co., Salem, Mass.
Application November 14, 1934, Serial No. 753,005
10 Claims. (Cl. 277—31)



1. A valve structure of the character described, comprising a valve casing having an internally disposed cylindrical cage, provided with one or more circumferentially disposed ports, a valve disc adapted to seat on said cage and having a downwardly extending skirt adapted to close said port or ports in advance of the seating of said valve disc and means operated independently of the valve disc opening and closing means, for rotatably adjusting said valve to limit the effective area through said port or ports when said valve disc is open.

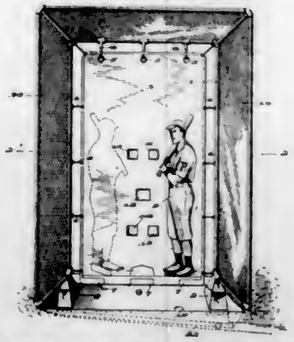
2,059,364
THROTTLE VALVE
Linwood Kimball, Danvers, Mass., assignor to Ruggles-Klingemann Mfg. Co., Salem, Mass.
Application November 30, 1935, Serial No. 52,367
11 Claims. (Cl. 277—31)

1. In a valve structure of the character described comprising a valve casing having inlet and outlet chambers and an intermediate chamber between the inlet and outlet chambers, a valve adapted to close communication between the inlet chamber and the intermediate chamber, a second valve adapted to close communication between the intermediate chamber and the outlet chamber, means operated by the first named



valve to adjust the position of the second named valve, and means to operate the second named valve independent of the first named valve.

2,059,365
PITCHING CONTROL PRACTICE DEVICE
Cecil Clifton King, Millville, N. J.
Application June 12, 1935, Serial No. 26,278
3 Claims. (Cl. 273—26)

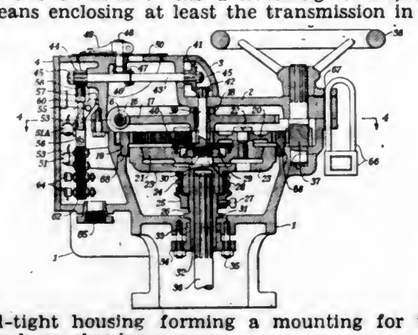


1. In apparatus of the character described, a pit having forward and rear inclined surfaces converging toward an inclined trough, base members disposed in said pit, a frame supported by said base members, a screen carried by said frame, its lower extremity depending into said pit, a representation of a home plate at the lower portion of said screen disposed on a level with the ground, a representation of a batter adjacent said home plate, a plurality of openings in said screen at least two of which are arranged substantially in line with the batter's shoulders, and at least two others of which are arranged substantially in line with the batter's knees, a backstop located behind said screen whereby pitched balls are deflected into said pit, and means adjacent said trough for returning said balls to the pitcher.

2,059,366
TORQUE MECHANISM
Phillip A. Kinzie, Denver, Colo., assignor to Universal Hydraulic Corporation, Denver, Colo., a corporation of Colorado
Application June 11, 1935, Serial No. 26,016
2 Claims. (Cl. 192—150)

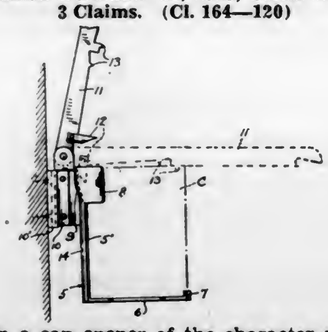
1. A torque mechanism comprising a driving and a driven member, a planetary transmission between said members, operating means, one of which engages the sun gear and the other the orbit gear of said planetary transmission and each remaining stationary when the other is operated, a friction overload declutching device between the planetary transmission and the driven member, a position indicator actuated directly

by one element of the declutching device, and means enclosing at least the transmission in an



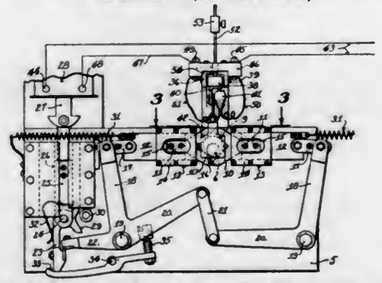
oil-tight housing forming a mounting for the whole mechanism.

2,059,367
CAN OPENER
Harry Earl Kittle, St. Johnsville, N. Y., assignor of one-half to Lewis M. Fowler, St. Johnsville, N. Y.
Application December 23, 1935, Serial No. 55,899
3 Claims. (Cl. 164—120)



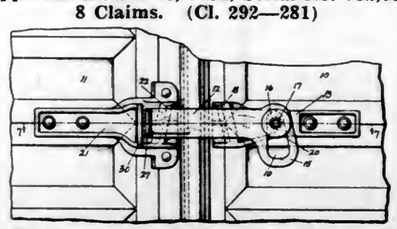
1. In a can opener of the character set forth the combination of, a can supporting bracket, having a bending-restraining depression therein, a lever pivotally supported on the bracket, a puncturing knife carried by the lever and operatable within the bending-restraining depression of the bracket, vent puncturing prongs on the lever remote from the knife, and supporting means for the bracket.

2,059,368
AUTOMATIC CUTTER
John Kruttschnitt, San Mateo, Calif.
Application April 23, 1935, Serial No. 17,813
8 Claims. (Cl. 164—48)



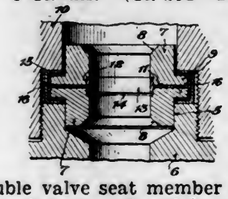
1. Mechanism for automatically cutting successive pieces from the end of a continuously advancing strip comprising a knife movable across the path of said strip, means controlled by the advancing strip for actuating said knife, means for releasing said knife from said actuating means at the end of its cutting stroke, and other means for retracting said knife.

2,059,369
DOOR LOCK
Joseph A. Kwake, Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio, a corporation of Ohio
Application June 23, 1934, Serial No. 732,033
8 Claims. (Cl. 292—281)



1. In a railway house car having a relatively stationary member and a sliding door member, a combined operating and fastening device, downwardly diverging faces provided on said device, means secured to each of said members, an arm secured to one of said members, said fastening device being mounted upon the other of said members, the diverging faces of said device having cooperating abutments with said means to fasten said door member to said relatively stationary member, said device cooperating with said arm to impart opening and closing movement to said door member upon release of said device from said members.

2,059,370
VALVE SEAT MEMBER
Abbot A. Lane, O'Hara Township, Allegheny County, Pa., assignor to Gulf Research & Development Company, Pittsburgh, Pa., a corporation of Delaware
Application November 24, 1934, Serial No. 754,666
6 Claims. (Cl. 251—167)

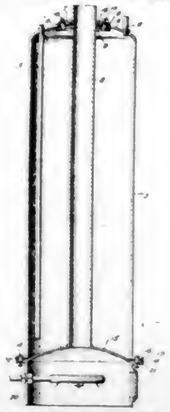


1. A double valve seat member adapted to be retained in a bore mount and formed of two separate annular single seat members, one of which is adapted to fit snugly in the bore and serve as a support for the other member while the other member is in active service, the two seat members being adapted to be damped together, and resilient packing means between the two members so that the active member is protected from distortion when the supporting member is subjected to distortion.

2,059,371
HOT WATER HEATER SHELL
Richard R. Legg, Oklahoma City, Okla.
Application February 19, 1936, Serial No. 64,770
1 Claim. (Cl. 122—17)

A hot water heater comprising a shell having a top provided with a central flue aperture and

with bolt receiving apertures around said central flue aperture, said shell having its lower end shaped to provide an outwardly directed flange, a flue extending lengthwise within said shell and slidably through said flue aperture, a bottom for said shell permanently connected with the lower end of said flue, means for detachably securing



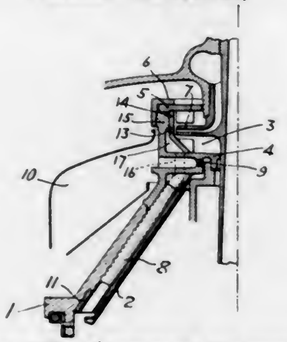
said bottom to the said outwardly directed flange, an annular flange fixed to said flue near the upper end thereof, bolts permanently fixed to said annular flange and having threaded shanks passing freely through the bolt receiving apertures in said top, and nuts adjustable on said shanks to secure the flue detachably to said top.

2,059,372

LIQUID DISCHARGE DEVICE FOR CENTRIFUGAL SEPARATORS

Hans Olof Lindgren, Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y., a corporation of New Jersey

Application June 7, 1935, Serial No. 25,380
In Sweden September 1, 1934
4 Claims. (Cl. 233—22)



1. In a centrifugal separator, the combination, with the rotary bowl and its hood, of an enclosure mounted on the bowl hood and rotating therewith, means providing an outlet for the lighter separated constituent below said enclosure, a partition in said enclosure dividing it into an inner chamber and an outer chamber, a skimming device extending into the inner chamber with inlet openings close to said partition, tubes communicating with the peripheral space of the bowl and with said outer chamber, there being orifices in said partition opposite and substantially coaxial with the inlet openings of the skimming device, and radial partitions in said outer chamber dividing it into sub-chambers each provided with one of said orifices and communicating with one of said tubes.

2,059,373

MANUFACTURE OF PRESSED TUBES OR THE LIKE

Arthur Lloyd, Birmingham, England, assignor to Bakelite Limited, London, England, a British corporation

No Drawing. Application May 20, 1930, Serial No. 454,193. In Great Britain June 15, 1929
8 Claims. (Cl. 154—2)

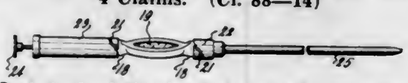
8. In the manufacture of articles in the form of dense rigid tubes or the like having laminations bonded with a heat-hardened resinous material, the steps which comprise providing a mandrel which expands under heat, tightly winding on said mandrel helical layers of sheet material containing the resinous bonding material in unhardened form and in such a condition that it gives off a gas during heat-hardening, preventing the formation of bubbles and pockets and preventing delamination of the sheet material during heating by binding porous tape around the sheet material, and expanding the mandrel and hardening and rigidifying the resinous bonding material by heating.

2,059,374

OIL TESTER

Joseph A. Logan, Springfield, and Leolyn F. Spear, Westfield, Mass., assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass., a corporation of Massachusetts

Application March 30, 1934, Serial No. 718,218
4 Claims. (Cl. 88—14)



2. A tool of the kind described comprising a double window frame section having windows held apart a film distance, a flexible tube for insertion through the oil indicator opening of an engine crank case substantially to the bottom of said crank case and attached by a hand coupling to one side of the frame section, and a hand pump attached by a hand coupling to the opposite side of the frame section from the tube, the assembly being readily transportable to the crank case of an engine to draw a sample of engine oil therefrom through the tube and between the windows of the frame section, said hand couplings permitting quick disconnection of the frame section from the tube and pump for insertion in a testing instrument.

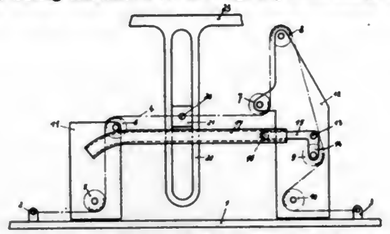
2,059,375

OPERATING MECHANISM FOR THE THREAD-CARRIER RAILS OF FLAT FRAMEWORK KNITTING MACHINES

Anton Loimann, Chemnitz, Germany

Application January 14, 1936, Serial No. 59,129
In Germany January 9, 1935
9 Claims. (Cl. 66—126)

1. Operating mechanism for the thread-carrier rails of flat framework knitting machines, said mechanism comprising a pair of slides adjustable with respect to each other, a plurality of sprocket-wheels, said sprocket-wheels being mounted in part on said one and in part on said other slide, a driving chain laid round said sprocket-wheels permitting variation of the length of the effective portion of said chain intermediate said slides during adjustment of the latter relatively to each other, the inner sprocket-wheels on either of said slides being mounted at a height permitting free



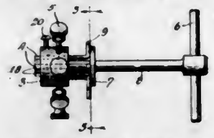
passage of said one inner sprocket-wheel on one slide past said inner sprocket-wheel on said other slide when adjusting said slides into shortest distance from each other.

2,059,376

APPARATUS FOR PICKING LOCKS

Joseph Lombardo, Chicago, Ill., assignor of one-half to Sydney Roth, Chicago, Ill.

Application May 24, 1935, Serial No. 23,165
1 Claim. (Cl. 70—9)



Apparatus for picking a lock, which lock is of the type having a rotatable tumbler carrier and a plurality of spring-pressed axially movable tumblers slidably mounted in circumferentially spaced relation about the axis of the carrier, said apparatus comprising a rotatable slide carrier, a plurality of tumbler-engaging picking slides slidably mounted in said slide carrier in circumferentially spaced relation about the axis of the slide carrier in position to cause sliding movement of the tumblers when the apparatus is applied to a lock, means whereby when the apparatus is applied to a lock the picking slides may be individually and infinitesimally adjusted longitudinally to move the locking tumblers one after the other to breaking position and may be individually held in their adjusted position against the pressure of the spring-pressed tumblers, and means whereby torque may be exerted on the slide carrier to determine when each individual tumbler has been moved to breaking position.

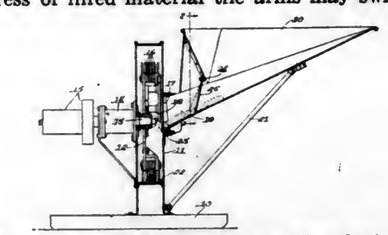
2,059,377

GRINDING MILL

Raymore D. MacDonald, Western Springs, Ill., assignor to International Harvester Company, a corporation of New Jersey

Application April 13, 1934, Serial No. 720,348
2 Claims. (Cl. 83—11)

1. The combination with a mill having a reducing chamber containing a rotor carrying a knife, a feed hopper including a throat portion and a sloping bottom for feeding material to a feed opening in the chamber, said bottom having its low end adjacent the feed opening, a shear bar in said throat cooperating with the knife to cut cobs, of a baffle mechanism in the hopper substantially occupying the entrance to the throat, said mechanism comprising a series of spaced independently swingable arms, said baffle mechanism being spaced from the shear bar a distance approximating the average length of a cob, the lower ends of said arms normally contacting the sloping bottom whereby under the press of infed material the arms may swing in-



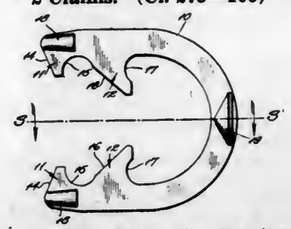
wardly toward the chamber and the sloping bottom serving as a stop to limit movement of the arms in an opposite direction beyond their normal bottom contacting positions.

2,059,378

FOUR-POINT PITCHING HORSESHOE

William Franklin Madison, Rochester, N. Y.

Application April 29, 1935, Serial No. 18,909
2 Claims. (Cl. 273—106)



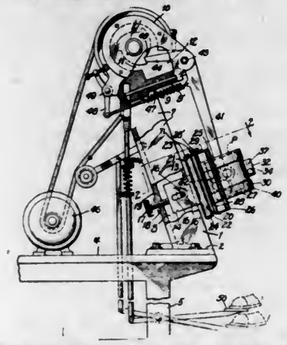
1. A pitching horseshoe having toe and heel calks of substantially semi-conical contour, the longitudinal axes of the heel calks being disposed parallel with the axis of the shoe, the thick ends of the heel calks being turned toward the toe of the shoe while the reduced ends are turned toward the heel of the shoe to promote sliding over obstructions when the shoe is pitched with its open end registering with the target.

2,059,379

PISTON RESIZING AND RESHAPING MACHINE

Charles A. Marien and Melvin W. Marien, St. Louis, Mo., assignors to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo., a corporation of Missouri

Application August 24, 1936, Serial No. 97,652
6 Claims. (Cl. 78—101)



1. A machine for reshaping pistons, including a hammer for insertion into a piston, a resizing

sleeve for holding a piston in the path of the hammer, means for supporting said sleeve, said supporting means permitting free longitudinal movement and rotation on the longitudinal axis of the sleeve relative to the hammer, and means for rapidly reciprocating the hammer against the piston wall.

2,059,380

COLORLESS ORGANIC DERIVATIVES OF CELLULOSE

Herbert E. Martin, Cumberland, Md., assignor to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application March 2, 1934, Serial No. 713,691
2 Claims. (Cl. 260—102)

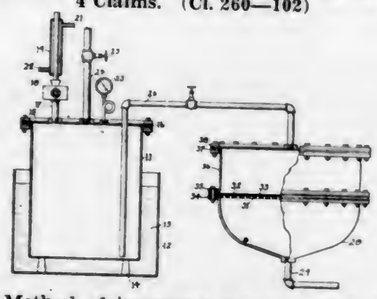
1. Process for the decoloration of organic acid derivatives of cellulose which have been stabilized and bleached, which comprises treating said derivatives of cellulose with an aqueous solution of an alkaline cyanide for two hours at substantially room temperature and then washing the treated materials free from the metal cyanide compounds formed and until the undesirable color is removed.

2,059,381

TREATMENT OF SUBSTITUTION DERIVATIVES OF CELLULOSE

Herbert E. Martin, Cumberland, Md., assignor to Celanese Corporation of America, a corporation of Delaware

Application October 5, 1934, Serial No. 747,082
4 Claims. (Cl. 260—102)



1. Method of improving the properties of an organic acid derivative of cellulose which comprises refluxing a solution of the same with an activated carbon and filtering same through silica gel.

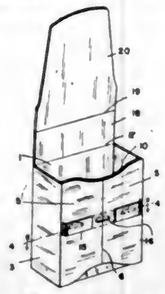
2,059,382

CIGARETTE CASE

Coert Maten and Stephen Maten, Detroit, Mich.

Application November 8, 1935, Serial No. 48,801
7 Claims. (Cl. 229—16)

1. A container formed of flexible sheet material and comprising a substantially rectangular wall integrally formed with a pair of tongues projecting from its lateral edges, and with an upper and a lower tongue at its other edges, the lateral tongues being bent at their junctures with the first-mentioned wall to form a pair of opposed walls and being further bent toward each other to form outer members of a fourth wall, opposed to the first-mentioned wall, the lower tongue being bent at its juncture with the first-mentioned wall to form a bottom member of the container and being again bent to extend upwardly between and adjacent to said opposed walls to form an inner member of the fourth wall, the upper tongue being bent at its juncture with the first-mentioned wall to form a cover for the container, and being further bent to form a securing flap exteriorly engageable with the fourth wall, a



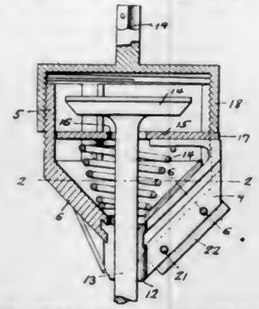
keeper for such flap exteriorly carried by the fourth wall, and means concealed by the keeper for securing together the outer members of the fourth wall.

2,059,383

VALVE RESEATING TOOL

Barney McKenna, Whiting, Ind.

Application March 26, 1936, Serial No. 71,012
6 Claims. (Cl. 51—204)



1. A valve reseating tool comprising a body having a substantially cylindrical upper section, externally threaded and a substantially frusto-conical bottom section, said body being provided with a series of circumferentially spaced slots extending through both sections of the body, blocks having sliding fit within the portions of the slots in the lower section of the body, an arm extending from one end of each block at an angle thereto and inwardly of the body through the slot in the upper section of the body, said blocks having lower ends adapted to engage a valve stem extending axially into said body and means on said body engageable with said arms for urging the arms downwardly and toward one another into engagement with the valve stem.

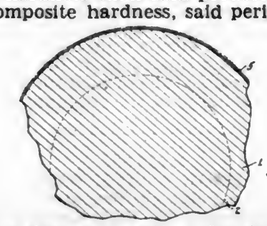
2,059,384

COATED ROLLING MILL ROLL

Julian Earl Montgomery, Shaker Heights, and Paul Edward Jones, Cleveland Heights, Ohio, assignors to The Otis Steel Company, Cleveland, Ohio, a corporation of Ohio

Application December 29, 1933, Serial No. 704,504
2 Claims. (Cl. 80—58)

1. A roll adapted to be employed in the rolling of metal shapes and having a substantially predetermined degree of composite hardness, the roll comprising a metallic body heat treated to increase the hardness of its peripheral surface to a degree not causing cracking or spalling, wherefore said peripheral surface is left at a lower degree of hardness than said predetermined degree of composite hardness, said peripheral surface having thereon a coating of metal of a hardness higher than said predetermined degree of composite hardness, said coating comprising a layer of chromium applied to the surface of said body by electroplating.

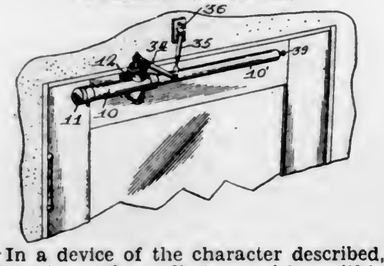


2,059,385

DOOR CHECK AND CLOSER

Emery Morrissette, Montreal, Quebec, Canada, assignor of one-half to Ovide Leclerc, Montreal, Quebec, Canada

Application December 30, 1935, Serial No. 56,669
In Canada May 21, 1935
8 Claims. (Cl. 16—62)



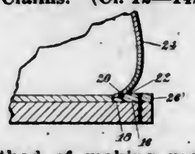
3. In a device of the character described, the combination with a cylinder, a piston within the cylinder, and a rack mounted to slide longitudinally on the piston, of a resilient cushioning member yieldingly urging the rack toward one end of the piston and adapted to cushion reverse movement thereof.

2,059,386

SHOE AND METHOD OF MANUFACTURING THE SAME

Everett E. Murphy, Newburyport, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application July 26, 1933, Serial No. 682,215
2 Claims. (Cl. 12—142)



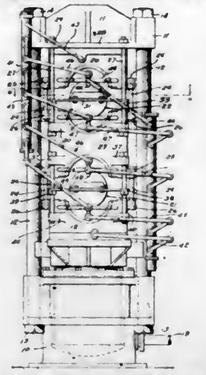
2. That method of making pre-welted shoes which consists in forming a relatively narrow longitudinal groove in the upper-engaging face of the welt adjacent to its inner edge face, reducing the thickness of the margin of the welt adjacent to said inner edge face by cutting away part of the outsole-engaging face of the welt, and stitching the welt to the upper along the line of said groove thereby bending into said groove a narrow width of upper material and thus providing in the overlasting margin of the upper a section which is offset relatively to the major portion of the overlasting margin and is seated in said groove, the stitching of the welt to the upper also acting to bend the inner margin of the welt downwardly on the line of the seam thereby restoring the original flat condition of the outsole-attaching face of the welt.

2,059,387

MOLDED BRAKE LINING APPARATUS

William Nanfeldt, Clifton, N. J., assignor to World Bestos Corporation, Paterson, N. J., a corporation of Delaware

Application November 26, 1930, Serial No. 498,287
8 Claims. (Cl. 18—17)



4. The combination, in molds for curing brake linings, of a die element having a concave recess, a plunger element of convex contour complemental to said die element, means for moving said mold members into and out of matching relation with respect to brake lining material positioned therein, guides for maintaining said die and plunger elements in alignment when movement is imparted thereto, and a detachable shell having the same contour as the inner surface of the mold for positioning the brake lining sections in the die element; said shell being adapted to remain in position while the article is being molded.

2,059,388

TREATMENT FOR IMPROVING BITUMINOUS COAL

Joseph C. Nelms, East Cleveland, Ohio

No Drawing. Application July 31, 1934, Serial No. 737,779
5 Claims. (Cl. 44—5)

1. A process of treating ordinary coal comprising mixing with 1 gallon of water, 14 fluid ounces of sodium silicate having a ratio of sodium oxide to silicon dioxide of about one to three, respectively, 8½ ounces of sodium silicate having a ratio of sodium oxide to silicon dioxide of about one to two, respectively, 1½ pounds of salt, and applying the same evenly to the mass of coal to form a thin coating thereon.

2,059,389

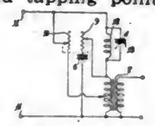
FREQUENCY DISCRIMINATING ELECTRIC NETWORK

Hector Leslie Oura, Hillingdon, England, assignor to Electric and Musical Industries Limited, Middlesex, England, a company of Great Britain

Application September 30, 1933, Serial No. 691,598
In Great Britain October 3, 1932
8 Claims. (Cl. 178—44)

1. A tone control device comprising the combination of an audio frequency transformer having a primary winding and a secondary winding,

one of said windings being divided by a tapping into two portions, a circuit having an inductive reactance and comprising an impedance element connected to said tapping point and in series



with one of said portions, a circuit constituting a capacitative path in parallel with said divided winding, and adjusting means for varying both the impedance of said inductive circuit and the impedance of said capacitative path.

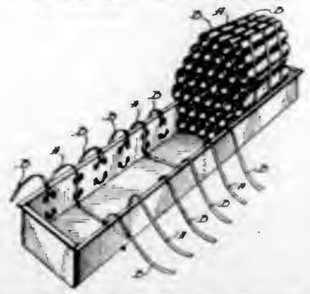
2,059,390

TRANSPORTATION OF PIPE

Ernest C. Pagel, Chicago, Ill., assignor to Signode Steel Strapping Company, Chicago, Ill., a corporation of Delaware

Application November 14, 1932, Serial No. 642,554

10 Claims. (Cl. 105—369)



1. The method of preparing, without the use of stakes, pipe for transport in a vehicle which consists in arranging pipe sections in at least one unit supported by the floor of the vehicle and comprising pipe sections piled flatwise upon each other to a height substantially above the upper edges of the sides of the vehicle, binding together by an encircling tensioned flexible binder the pipe sections constituting the unit, and anchoring the unit to the vehicle by another tensioned flexible binder which partially encircles the unit and is secured to the vehicle.

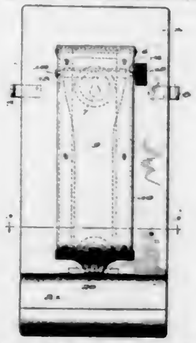
2,059,391

TOOTH PASTE DISPENSING DEVICE

Fred Peddie, Wallace Clemens Bentley, and Saul N. Israel, Newark, N. J.

Application December 18, 1935, Serial No. 55,096

10 Claims. (Cl. 221—60)



1. In a device for holding collapsible tubes and the like, a casing consisting of a plurality of parts hinged together at one end and providing slots on opposite sides thereof, one of said parts providing a backing, means on said backing for attaching the same to a suitable support, a discharge opening formed at the bottom of another of said parts, and means attached to the interior of another of said hinged parts for engaging the neck of a collapsible tube to hold the tube in place during the discharge of the contents thereof.

2,059,392

BOOK MATCH BAR

Maurice Polacsek, Brooklyn, N. Y.

Application August 31, 1934, Serial No. 742,206

1 Claim. (Cl. 206—29)



In a book match bar, a unit of match stock comprising a plurality of base strip portions integral with a plurality of small groups of match portions projecting therefrom, a cover strip for the match stock consisting of a plurality of separate sections each having an upturned portion bent around the lower portion of the match stock, a back portion extending across the back of the match stock, and a front portion with the free edge thereof engageable beneath the free edge of said upturned portion, chemical substance for aiding in igniting the matches on the front of the upturned portion, a staple for each separate section and engaging through the upturned portion, the base strip, and the back portion of the cover strip, and thin fragile material adapted to be readily torn pasted on the entire surface of the cover strip to hold the sections thereof detachably together in a unit.

2,059,393

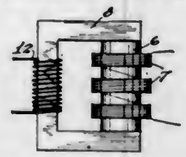
MAGNETIC CORE FOR HIGH FREQUENCY INDUCTANCES

Wladimir J. Polydoroff, Chicago, Ill., assignor to Johnson Laboratories, Inc., Chicago, Ill., a corporation of Illinois

Application December 10, 1934, Serial No. 756,790

In Great Britain December 19, 1933

3 Claims. (Cl. 171—119)



1. A frequency-controlling device for use with a generator of high-frequency currents, said generator being subject to frequency fluctuations with changes in operating conditions, including an inductor having a compressed comminuted ferromagnetic core and a low-loss coil for said high-frequency currents, and means for regulating the inductance of said inductor including a magnetic structure which completes the magnetic circuit of said inductor, said structure being made of material whose magnetic reluctance is varied in response to changes in operating conditions, in such manner as to maintain the frequency of the current delivered by said generator substantially constant.

2,059,394

PLASTIC COMPOSITION

Alan F. Randolph, Montclair, N. J., assignor, by mesne assignments, to E. I. Dupont De Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application April 26, 1934, Serial No. 722,487

8 Claims. (Cl. 106—40)

2. In the process of preparing plastic molding powders wherein a plastic is kneaded to form a compacted, coherent mass, the steps comprising adding coloring matter to said plastic subsequent to the start of the kneading, continuing said kneading, terminating said kneading before said coloring matter has been uniformly distributed throughout the compacted mass, and breaking said mass down into granular form.

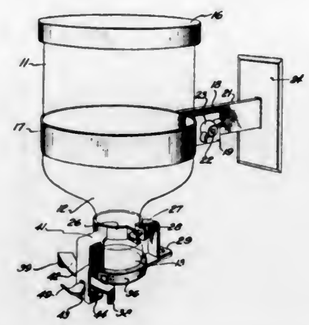
2,059,395

CLOSABLE CONTAINER

Donald Reid, Buffalo, N. Y.

Application December 1, 1932, Serial No. 645,320

6 Claims. (Cl. 215—65)



1. A closable container comprising a receptacle having an open end, a strap engaging said receptacle adjacent said open end, an arm projecting from said strap beyond said open end, a cover plate pivoted on said arm for sliding movement over said open end, a resilient pad secured to the under side of said plate adapted to engage said open end, finger pieces on said plate, a second arm projecting from said strap at a point remote from said first named arm, finger pieces formed on the second arm for cooperation with said finger pieces on said cover, and a clamping member rotatably mounted on the end of said second arm, said clamping member having a cam surface to press said resilient pad against said open end or release the same therefrom in accordance with the movement of said clamping member.

2,059,396

DENTIFRICE PRODUCT

Jean Ripert, Paris, France, assignor to Thibaud, Gibbs & Cie., Paris, France, a corporation of France

No Drawing. Application July 12, 1934, Serial No. 734,797. In France January 9, 1934

5 Claims. (Cl. 167—93)

1. A dentifrice preparation having as a polishing constituent finely powdered silicates constituting the natural micas in their natural lamellar crystalline form and having a hardness not greater than about 3.

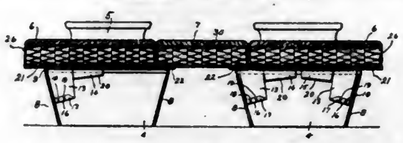
2,059,397

CONVERTIBLE CHAIR

Hugh A. Robinson, Sr., Coral Gables, Fla., assignor to Curtiss Aerocar Company, Inc., Coral Gables, Fla., a corporation of Florida

Application October 16, 1934, Serial No. 748,483

3 Claims. (Cl. 155—7)



1. A convertible chair combination which comprises two spaced chair units each comprising a box-like base member, chair arms secured at the sides of said base, at least one of said arms being removable, removable back and seat members, the back member being provided at its lower corners with extending members, slotted members secured within the base in which said extending members are selectively engageable to vary the inclination of the back, the back members of the two chair units adapted to be supported in horizontal position by their respective bases with said extending members toward each other, the latter forming, when the backs are in the last named position, supports for one of the seat members to convert the two chairs into a couch.

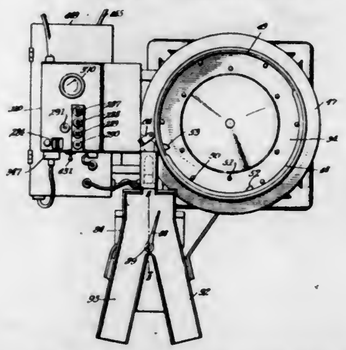
2,059,398

COUNTING APPARATUS

James L. Roemer, Baltimore, Md., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md., a corporation of New York

Application September 12, 1931, Serial No. 562,543

15 Claims. (Cl. 235—98)



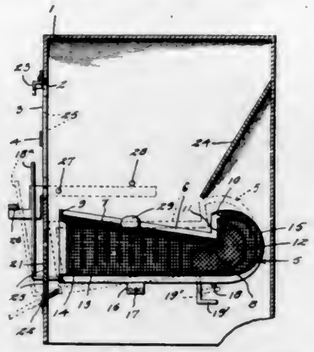
1. Apparatus for counting articles, said articles being so shaped as to be fed in a line in mutually contacting relation with the contact area between contiguous articles of a dimension transversely of the line less than the transverse dimension of the articles so that aligned spaces exist between the articles in the line, said apparatus comprising means for feeding and guiding the articles in the prescribed relation, a light-sensitive cell and a source of light, a circuit in which said cell is connected, the cell and source being arranged relative to the line of articles so that the former is intermittently illumined by the latter through the spaces between the articles and the circuit intermittently energized, counting mechanism, and translating means in connection with the circuit for intermittently actuating the counting mechanism.

2,059,399
PROCESS FOR STERILIZING AND DRYING EGGS
Henry I. Rosner, Brooklyn, N. Y., assignor to Joe Lowe Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application November 23, 1935, Serial No. 51,273
20 Claims. (Cl. 99—210)

1. In a method of drying egg whites, the steps which include subjecting the egg whites to the action of an added acidifying agent for a period of time sufficient to effect separation of a scum including the chalazae and stringy portions of the egg whites, and then removing said scum.

19. The process of preparing egg albumen for drying which comprises adding an edible soluble vegetable acid to the liquid albumen until a degree of acidity of approximately pH 6 is obtained, thereafter adding ammonium hydroxide to the liquid mixture until a degree of alkalinity of approximately pH 8.6 is obtained, and removing the scum from the surface of the mixture.

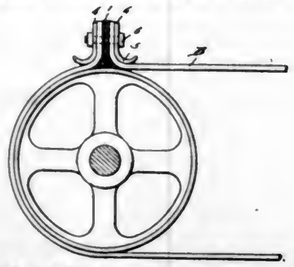
2,059,400
POULTRY NEST
William Andrew Russell, Chesterfield County, Va.
Application June 16, 1934, Serial No. 730,928
1 Claim. (Cl. 119—47)



In a poultry nest consisting of a body portion provided with an entrance; a nest pivotally connected with said body portion and provided with an upper floor; an incline engaging said upper floor; spring hinged doors pivotally connected with said body portion at said entrance; a lower floor in operative relation with said incline; rods secured to said nest and projecting through slots in the front of said body portion and adapted to respectively hold said hinged doors in open position substantially parallel with the front of said body portion when in the path of movement of said doors, and when said rods are lowered out of the path of said doors to release the latter for the purpose of permitting the closing of said doors caused by the force of said hinges on said doors, and pivotal means on said body portion for holding said doors, against the pressure of said hinges, in open position.

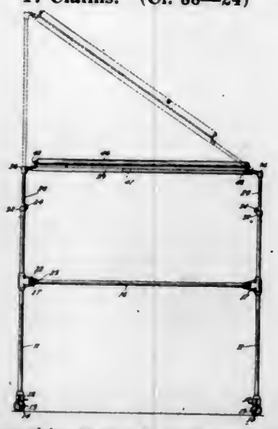
2,059,401
BELT CLAMP FILLER
Alexander Boggs Ryan, Kilgore, Tex.
Application April 16, 1935, Serial No. 16,703
1 Claim. (Cl. 24—37)

A filler for belt clamps comprising a triangular-shaped body constructed of coherent fabric pieces, said triangular-shaped construction be-



ing provided with a multi-ply shank constructed of a plurality of plies of fabric cohered together.

2,059,402
PICTURE PROJECTION SCREEN AND SUPPORTING FRAME THEREFOR
Henry J. Schlacks, Chicago, Ill.
Application March 7, 1935, Serial No. 9,822
17 Claims. (Cl. 88—24)

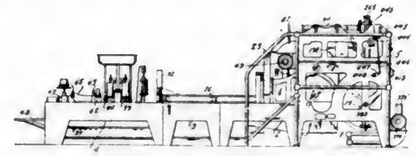


1. The combination of a picture projection screen and a standard for said screen including a pair of standard uprights, means for rigidly spacing said uprights apart, and a pair of extension uprights each telescoped with respect to one of said standard uprights, and screen-carrying means extending between the tops of said extension uprights comprising a tubular member vertically hinged to one of said extension uprights, and a core member slidably telescoped within said tubular member and vertically hinged to the second extension upright.

2,059,403
AUTOMATIC PAPER BOTTLE MACHINE
Henry T. Scott, Toledo, Ohio, assignor to The American Paper Bottle Company, Toledo, Ohio, a corporation of Ohio
Application April 7, 1932, Serial No. 603,861
27 Claims. (Cl. 93—53)

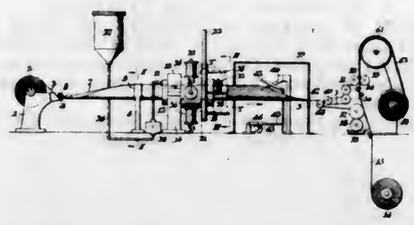
1. An automatic cartoning machine comprising, in combination, means for maintaining in pack formation a plurality of collapsed open-ended cartons, an expansible and contractible mandrel which, when expanded, has the same effective cross-sectional area as the interior of a finished carton and, when contracted, has a lesser effective cross-sectional area, mechanism for withdrawing a single collapsed carton from

the pack, opening the same, and placing it over the mandrel while the latter is contracted, and



means for expanding and contracting the mandrel.

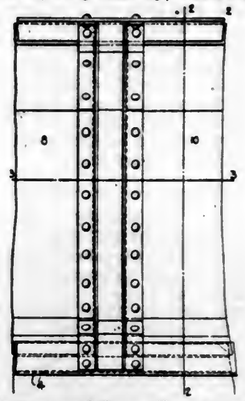
2,059,404
APPARATUS FOR MAKING REENFORCED BINDING MATERIAL
David E. Skedgell, Millville, N. J., assignor to The Millville Manufacturing Company, Millville, N. J., a corporation of New Jersey
Application July 23, 1934, Serial No. 736,503
Renewed February 29, 1936
10 Claims. (Cl. 154—1)



1. In apparatus for making reenforced binding material, means for uniformly progressing a continuous strip of paper; means for longitudinally tubulating the strip incident to its progression and for maintaining it for a time in tubular form with its side edges separated, by a small interval, said means affording a relatively narrow segmental flow channel around the tubulated sheet of a circumferential extent slightly less than the width of the paper strip; means for conducting liquid adhesive to said flow channel; means for continuously wrapping thread around the tubulated strip after application of the adhesive; and means for subsequently severing the thread wrappings where they extend across the longitudinal interval between the contiguous edges of the tubulated strip.

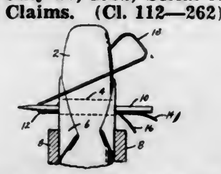
2,059,405
RAILWAY CAR CONSTRUCTION
Arthur E. Small, Gary, Ind., assignor to Union Metal Products Company, Chicago, Ill., a corporation of Delaware
Application June 6, 1935, Serial No. 25,288
3 Claims. (Cl. 105—409)

1. A wall for a railway car comprising an upper chord, a lower chord, spaced apart stakes connecting said chords, and a wall sheet having the major portion thereof in a plane adjacent to but within the exterior plane of the stakes and having the upper portion thereof sloping inwardly to adjacent the inner plane of the stakes, each stake being provided with a flange conforming to the contour of the wall sheet, the vertical margins of said major portion and said sloping portion being secured to said flanges, said wall sheet being secured on the inside of said flanges, upper chord and lower chord, respectively, whereby the wall



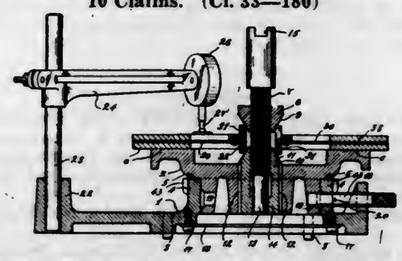
sheet may be removed from the car without disturbing the chords or stakes.

2,059,406
FASTENINGS AND METHOD OF MAKING THE SAME
George A. Smith, Philadelphia, Pa.
Application July 27, 1932, Serial No. 624,985
22 Claims. (Cl. 112—262)



7. In combination, an elongated rigid element having a thread receiving opening therein, a flexible member, and stitching extending through the member and said opening to secure the member to the element, said stitching consisting of a length of thread formed into at least two loops each of which comprises a section of the thread doubled on itself with both sides extending outwardly from one end of said opening about a side of the element, one of the loops having a portion extending into the other end of the opening and anchoring therein the thread between the loops.

2,059,407
CLUTCH TESTING DEVICE
Charles B. Spase, Syracuse, N. Y., assignor to Ira Saks, Cleveland, Ohio
Application July 14, 1934, Serial No. 735,248
10 Claims. (Cl. 33—180)



1. A clutching testing device comprising the combination of a base member, a member rotatable on said base member, a shaft positioned

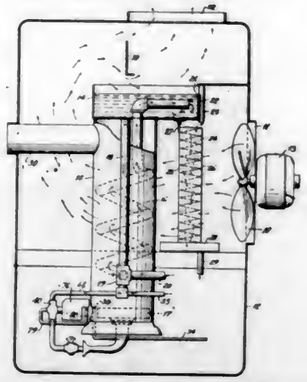
centrally of said rotatable member, threaded members on said shaft having oppositely disposed conical surfaces and adapted to engage and retain the hub of a clutch plate in coaxial position on said shaft, one of said threaded members being removably, non-rotatably and slidably mounted in said rotatable member, so as to permit said shaft and said threaded members, with said clutch plate attached, to be removed from and installed in locked rotational position on said rotatable member.

2,059,408

HUMIDIFIER

Willet E. Stark, East Cleveland, Ohio, assignor to The Bryant Heater Company, Cleveland, Ohio, a corporation of Ohio

Application July 28, 1934, Serial No. 737,432
11 Claims. (Cl. 261—15)



1. A method of humidifying and warming air, which comprises humidifying the air by causing it to move through a curtain of finely divided hot water, warming the thus humidified air by passing it over the heater which provides the hot water, and then further warming and humidifying the air by passing it over the surface of the water in a reservoir fed by the heater, from which reservoir is drawn said curtain of finely divided hot water.

2,059,409

SEALING COMPOSITION

Fred Stevens, Birmingham, Ala., assignor to American Cast Iron Pipe Company, Birmingham, Ala., a corporation of Georgia

No Drawing. Application June 1, 1935, Serial No. 24,583
6 Claims. (Cl. 106—8)

1. A sealing composition of the class described, consisting of white lead, linseed oil, and paraffine particles in suspension.

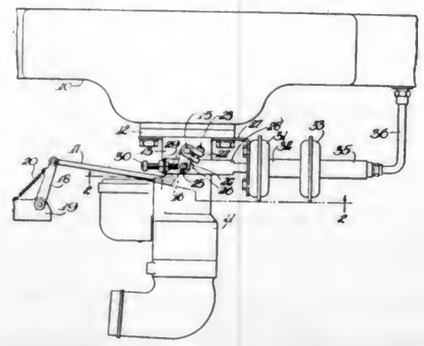
2,059,410

VACUUM CONTROL DEVICE FOR ENGINES

Joseph C. A. Straub and Howard S. Manwaring, Fort Wayne, Ind., assignors to International Harvester Company, a corporation of New Jersey

Application August 24, 1935, Serial No. 37,679
9 Claims. (Cl. 123—103)

1. In a fuel supply device for internal combustion engines, a carbureter including throttle means, means for operating said throttle means, means for resiliently urging the throttle means towards closed position, and means actuated by a condition of pressure in the fuel supply device



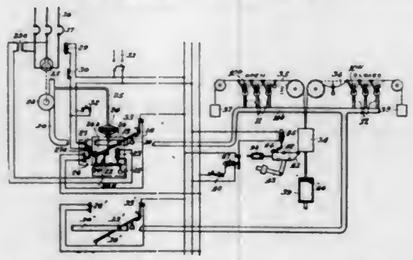
on the engine side of the throttle means to retard rapid closing of the throttle means.

2,059,411

AUTOMATIC VALVE CONTROL

Buford M. Stubblefield, Poland, and Lloyd R. Thomas and Ellwood S. Harrar, Youngstown, Ohio, assignors to The Youngstown Sheet & Tube Company, Youngstown, Ohio, a corporation of Ohio

Application February 14, 1933, Serial No. 656,674
9 Claims. (Cl. 48—192)



1. In a fuel supply system, the combination with a plurality of main supply conduits, a cut-off valve in each of said conduits, and a plurality of valves for controlling the flow of fuel from said conduits to consuming devices, of means responsive to the pressure of fuel in each supply conduit for closing the valve therein, means for closing the valves on said consuming devices, and means effective as long as one of said main valves is open for preventing operation of said last-mentioned means.

2,059,412

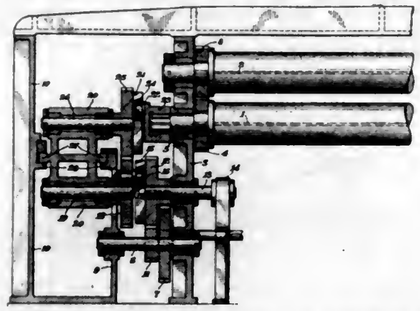
CUT-OFF MACHINE

George W. Swift, Jr., Bordentown, N. J., assignor to George W. Swift, Jr. Inc., Bordentown, N. J., a corporation of New Jersey

Application February 1, 1936, Serial No. 61,880
6 Claims. (Cl. 164—68)

1. A cut-off machine of the continuously driven type, including a cutter constructed to have at the time of cutting a component of motion in the direction of travel of the material being cut, a driving gearing for said cutter including a plurality of differential crank mechanisms connected in series, and means operable while the

machine is running for adjusting the relative positions of the elements making up each of said



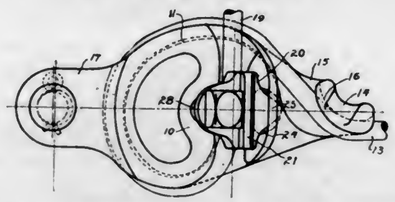
differential crank mechanisms, to regulate the cutting speed of said cutter.

2,059,413

CABLE CLAMP

John J. Taylor, Wadsworth, Ohio, assignor to The Ohio Brass Company, Mansfield, Ohio, a corporation of New Jersey

Application December 10, 1935, Serial No. 53,780
8 Claims. (Cl. 24—135)



1. A cable clamp having an arcuate snubbing seat, anchoring means for said clamp at one side of said seat, means on said clamp at one end of said seat for gripping a cable wound on said seat, a stop adjacent the other end of said seat about which said cable is bent in a reverse direction from its direction of curvature about said seat, said stop being attached to said seat at the side thereof opposite said anchoring means so as to engage the taut end of said cable, said stop directing the taut end of the cable away from said clamp along a line, the backward extension of which passes through said clamp and intersects the arc formed by the bottom of said seat.

2,059,414

CRUMBLESS BREAD KNIFE

William P. Taylor, Colorado Springs, Colo.

Application October 17, 1935, Serial No. 45,488
2 Claims. (Cl. 30—9)



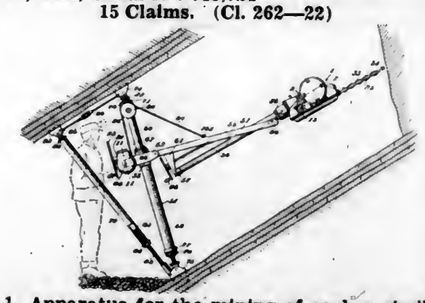
1. A knife comprising a handle and a blade, said blade having a plurality of spaced apart V-shaped slots extending from the cutting edge of the knife inwardly, the edges of said V-shaped slots being sharpened and the portions between the slots having corrugations extending inwardly from the cutting edge, the length of the corrugations being less than the length of the slots and said corrugations being bevelled toward the cutting edge.

2,059,415

MINING APPARATUS

Edward A. Thomas, Massillon, and Edgar M. Cadwallader, Cleveland, Ohio, assignors to Thomas Mineral Cutting Machine Co., Inc., Cleveland, Ohio, a corporation of Delaware

Original application October 19, 1933, Serial No. 694,306. Divided and this application October 17, 1934, Serial No. 748,724
15 Claims. (Cl. 262—22)



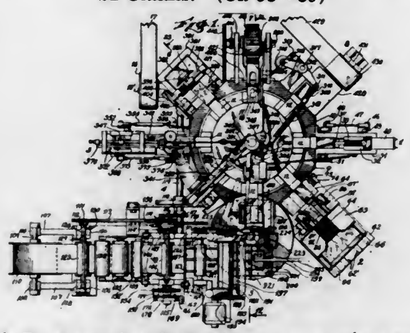
1. Apparatus for the mining of coal or similar mineral without blasting comprising a plurality of rotatable boring elements arranged in spaced and aligned relation, means for supporting said elements in the vein adjacent the face of the breast of coal or mineral, means for shifting said elements as a unit to a position such that the boring elements will be in a plane which is substantially parallel with the pitch of the floor of the vein, means for shifting said supporting means to a position such that the boring elements in their adjusted position will be at or spaced from the juncture point of the floor and breast or at a point along the juncture point of a lateral rib and breast, and means for feeding said boring elements while in such adjusted position toward and away from the breast.

2,059,416

APPARATUS FOR AND METHOD OF MAKING POUCH-LIKE CONTAINERS

James C. Thom, Chicago, Ill., assignor to United States Tobacco Company, New York, N. Y., a corporation of New Jersey

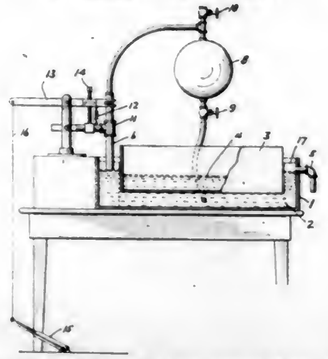
Application July 11, 1934, Serial No. 734,685
21 Claims. (Cl. 93—39)



1. In apparatus for making containers having an end closure around which a blank is folded to form walls of the container, a movable carrier, a plurality of forms thereon on which the closure and blank are assembled, a plurality of stations to which the forms move successively, means at one of said stations to apply the closures to the forms, means at another station to apply the sheets to the forms, means at another station to apply

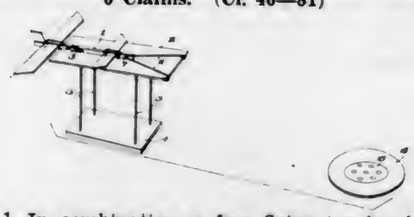
wrappers to the sheets, and means for folding the sheets and wrappers about the forms and against the end closures.

2,059,417
CONSTANT LEVEL APPARATUS
Frederick Thomas, Philadelphia, Pa.
Application November 14, 1934, Serial No. 752,977
5 Claims. (Cl. 137—68)



1. A constant level device comprising, in combination, a tank containing a liquid, a vessel floated in said tank and containing a liquid of which some is removed from time to time, and inlet means responsive to change in level due to change in displacement of the liquid in the tank by the vessel upon removal of liquid therefrom and adapted to introduce into the tank a quantity of liquid equivalent to the quantity of liquid removed from the vessel to keep the level in the vessel substantially constant in respect to an outside point.

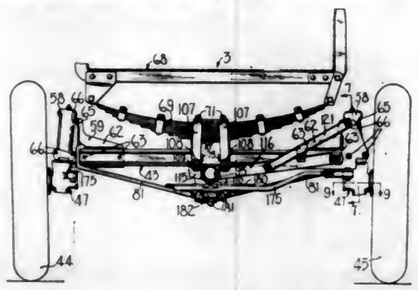
2,059,418
TOY BOMBING PLANE
Louis T. E. Thompson, Dahlgren, Va., assignor of one-third to Henry C. Parker, Washington, D. C.
Application February 6, 1934, Serial No. 710,016
6 Claims. (Cl. 46—81)



1. In combination, a free flying toy bombing plane, a bomb carried by said plane, a cord secured to said plane and wrapped around said bomb adapted to temporarily hold said bomb to said plane and to gradually unwrap to release said bomb at a predetermined point while said plane is in full flight, a target adapted to be struck by said bomb and means provided on said target for causing a detonation upon the striking of said target by said bomb.

2,059,419
WHEELED VEHICLE
Miles H. Tuft, Rock Island, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois
Application June 15, 1934, Serial No. 730,758
10 Claims. (Cl. 280—80)

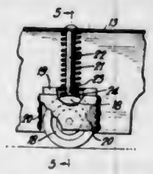
1. In a gear construction for a wheeled vehicle, a beam, a wheel supporting assembly including a spindle receiving sleeve and spindle means carried thereby, a pair of plates fixed to said beam and embracing said sleeve on opposite sides thereof to fix the sleeve to the beam, and means on at least one of said plates for holding the spindle means in position in said sleeve.



3. In a gear construction for a wheeled vehicle, a beam, a wheel supporting assembly including a spindle receiving sleeve and spindle means carried thereby, a pair of plates fixed to opposite sides of said beam at one end thereof and to opposite sides of said sleeve to fix the latter to the beam, bracket means disposed on the underside of said beam near the center thereof, and truss means reacting against said bracket means and having ends hooked over the ends of said beam and in between the plates of each pair.

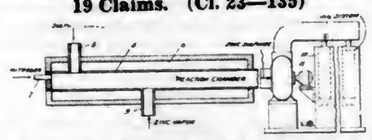
9. In a gear construction for a wheeled vehicle, an axle assembly including an axle beam, a pair of plates disposed on opposite sides of said beam adjacent the center thereof and extending downwardly therefrom, a U-shaped bracket disposed transversely in alignment with the plane of said beam and disposed between said plates adjacent their lower ends, truss rods adjustably connected with said transverse bracket member and having ends hooked, respectively, over the ends of said beam, and reach pole receiving openings formed in both of said plates between said U-shaped bracket member and said beam.

2,059,420
FURNITURE SUPPORT
John Carlton Ward, Jr., Rome, N. Y., assignor, by mesne assignments, to Burton-Dixie Corporation, a corporation of Delaware
Application September 6, 1934, Serial No. 742,928
3 Claims. (Cl. 16—33)



1. An article of manufacture comprising in combination a foot for articles of furniture including a bracket member, a castor mechanism mounted on said bracket member and including a brake for preventing rolling of said castor mechanism, and spring means for supporting said bracket member on said castor with said brake out of engagement therewith to permit rolling on said castor, said means being adapted to yield under load to permit said brake to engage said castor and prevent rolling thereof.

2,059,421
ZINC SULPHIDE
Robert Kerr Waring, Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y., a corporation of New Jersey
Application December 28, 1934, Serial No. 759,502
19 Claims. (Cl. 23—135)

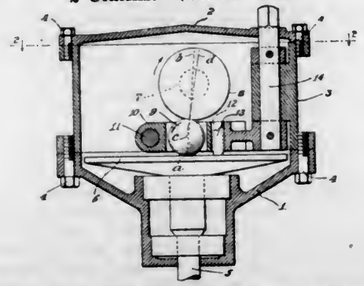


1. A method for making a finely divided pigment material of particle size suitable for use as a pigment which consists in volatilizing zinc, conveying the zinc vapor in suspension in an inert carrying gas through a reaction zone, introducing sulphur vapor into said reaction zone, and collecting the finely divided particles from the inert carrying gas after the reaction is completed.

2,059,422
MIXED TEXTILE FABRIC
Leon W. Weinberg, Philadelphia, Pa., assignor to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application June 27, 1934, Serial No. 732,620
2 Claims. (Cl. 139—426)

1. A worsted appearing fabric containing woolen-type yarns made from 30% wool fibers and 70% artificial fibers containing cellulose acetate.

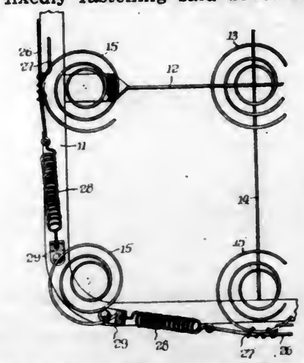
2,059,423
TRANSMISSION
Carl W. Weiss, Brooklyn, N. Y.
Application July 11, 1936, Serial No. 90,105
2 Claims. (Cl. 74—198)



1. In a transmission, the combination of a rotatable disc, a rotatable drum mounted with its axis parallel with the surface of the disc, and a sphere in contact with the disc and the drum, the drum being offset from the extended axis of the disc so that the angle between a line which is drawn from the point of contact of the sphere and disc at the center of the disc and the point of contact of the sphere and drum, and a line which is drawn from the center of the sphere through the axis of the drum, shall be within the angle of friction of the material used.

2,059,424
SPRING CUSHION
Arthur Wesley, Chicago, Ill., assignor to Burton-Dixie Corporation, Chicago, Ill., a corporation of Delaware
Application September 18, 1933, Serial No. 689,801
12 Claims. (Cl. 5—252)

1. In a spring-cushion, the combination of a rigid lower supporting-frame, upright spiral-springs fixedly mounted at their lower ends on and supported by said frame and having their top coils in substantially the same plane, means connecting the top portions of said springs together, a border-frame around said springs substantially in the plane of their top coils and fastened to the top coils of the marginal ones of said springs, substantially non-extensible brace-wire means extending along the sides and ends of the cushion part way up the height of said springs, means fixedly fastening said brace-wire means



directly to the outer portions of the adjacent intermediate convolutions of the corresponding marginal springs, and a pair of opposed helical-springs under tension connected to said brace-wire means at points spaced apart and anchoring each side and end section of said brace-wire means to said rigid supporting-frame, whereby said brace-wire means and their said associated helical-springs yieldingly tend to prevent lateral shifting of the top portion of the spring-cushion with relation to said supporting-frame.

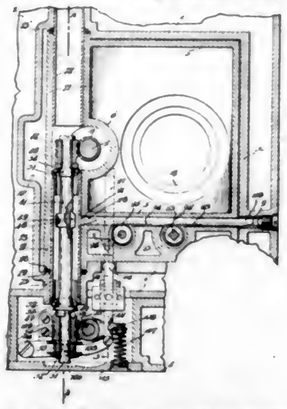
2,059,425
FILAMENTS, FILMS AND THE LIKE, AND METHOD OF MAKING THE SAME
William Whitehead, Cumberland, Md., assignor to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application September 14, 1932, Serial No. 633,118
9 Claims. (Cl. 18—54)

6. Process for the production of artificial filaments, yarns and like products which are readily delustered by scouring, which comprises forming a solution of an organic derivative of cellulose in an organic solvent, incorporating in the solution a finely divided substance selected from the group consisting of sugars and their metal compounds which are substantially insoluble in the organic solvent, and extruding the solution into a setting medium.

2,059,426
COMBINED CLOSURE AND SHUTTER DRIVE
Lloyed E. Whittaker, Los Angeles, Calif., assignor to Technicolor Motion Picture Corporation, Hollywood, Calif., a corporation of Maine
Application July 26, 1934, Serial No. 737,031
10 Claims. (Cl. 88—17)

1. A device of the character described comprising a support for an optical system movable relatively to an apparatus housing, a control device for said system mounted on said support, driving means for said control device mounted on said housing, means for locking said support to said housing, means for retracting said locking means and for arresting said control device in predetermined position relatively to said sup-

port prior to the unlocking by said retracting, means for disengaging said control device from said driving means after the control device is arrested, and means associated with said dis-



engaging means for holding said support prior to said disengagement and for retaining said disengaging means operative when said support is not ready to be locked.

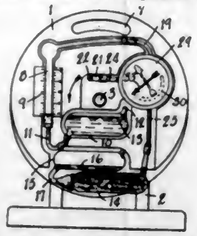
2,059,427
SEAL FOR ADVERTISING MATTER
Bernard H. Ziehler, Dayton, Ohio
Application May 15, 1933, Serial No. 671,133
3 Claims. (Cl. 283—6)



1. As an article of manufacture, a booklet having a cover and leaves adapted to receive adhesive stamps and an indicia concealing seal comprising a section of sheet metal folded about and enclosing the margin of the book cover, and extending on opposite sides thereof, an indicia bearing sheet folded longitudinally upon itself with the indicia thereon inturned, said longitudinally folded indicia sheet being again folded transversely about the margin of the book cover on opposite sides of which it extends beneath the sheet metal seal, and an attachment member transfixing the opposite folded portions of the seal and interposed cover of the book, and the folded indicia bearing sheet concealed beneath the seal, said indicia bearing sheet being accessible only by breaking such seal.

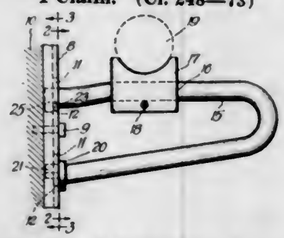
2,059,428
APPARATUS FOR ANALYZING EXHAUST GASES
Gerald H. Allen, Kalamazoo, Mich., assignor to Allen Electric & Equipment Co., Kalamazoo, Mich.
Application April 11, 1934, Serial No. 720,038
4 Claims. (Cl. 23—255)

4. In an apparatus for analyzing exhaust gases, the combination of a rotatable frame, a burette thereon, a graduated scale therefor, an absorption chamber, means connecting the burette and the absorption chamber, means for forcing air from said burette when the frame is rotated a predetermined angular distance from its initial position and for sucking the gas to be tested into said burette when the frame is rotated to its initial position, means for sucking gas to be analyzed from the burette to the absorption chamber when



the frame is rotated from initial position said predetermined angular distance and for expelling gas therefrom when the frame is rotated back to its initial position, and manually operated means adapted in one position of said means to close off said absorption chamber and to leave the burette open, said means in another position thereof opening the connection between the burette and the absorption chamber.

2,059,429
CABLE RACK
Louis I. Anderson, Chicago, Ill.
Application October 19, 1933, Serial No. 694,236
1 Claim. (Cl. 248—73)

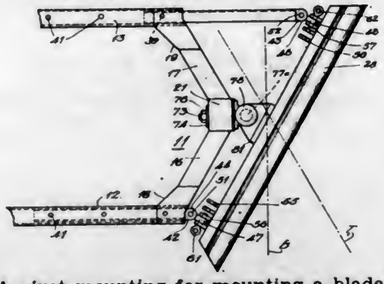


In combination, a supporting member having a pair of corresponding circular openings spaced apart vertically, an arm member serving as a cantilever beam extending from said supporting member and comprising a round bar bent into the form of a V and having parallel extending end portions spaced apart a distance corresponding to the spacing of said openings, the upper arm portion having a wedge-shaped locking groove extending radially inwardly substantially to the center of said arm portion from the lower periphery thereof adjacent its end and provided with a planar radial surface engaging the back side of said supporting member about the lower portion of the upper one of said openings when said arm portion is inserted into said one opening and moved downwardly therein, and an annular compression flange adjacent the end of the lower arm portion and engageable about the outer surface of said supporting member around another of said openings to resist the thrust of the load on the cantilever beam to thereby shackle said arm in said supporting member, the projecting end of said lower arm portion being reduced in vertical extent beyond said flange to accommodate vertical movement of said arm during attachment of the upper portion to said supporting member.

2,059,430
RUBBER COMPOSITIONS
Thomas Arnold and Stanley Arnold, Bradford, England
No Drawing. Application June 19, 1934, Serial No. 731,310. In Great Britain June 23, 1933
3 Claims. (Cl. 106—23)

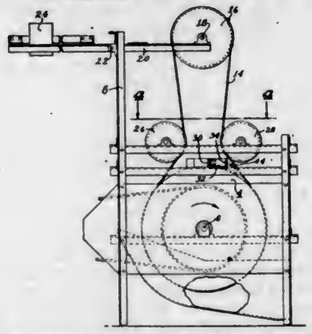
1. The method of producing a rubber composition which consists in providing a quantity of latex and a quantity of extremely fine slag dust, adding the slag dust in a slowly and continuously flowing small stream to the latex while continually stirring the mixture until all the slag has been added, and continuing the stirring until the latex coagulates.

2,059,431
EARTH MOVING DEVICE
Wendell D. Barrett, Cedar Rapids, Iowa, and Edward R. Greer, Minneapolis, Minn., assignors to La Plant-Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa, a corporation of Delaware
Application August 2, 1934, Serial No. 738,092
8 Claims. (Cl. 37—144)



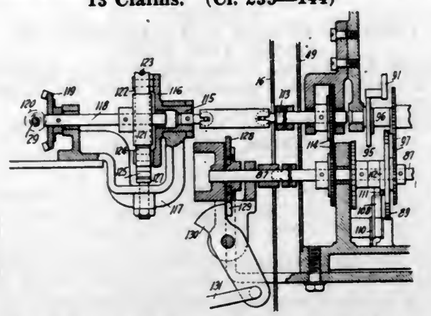
5. A pivot mounting for mounting a blade on a blade supporting framework comprising flange and cap members adapted to be secured to the blade and a T-shaped member with the cross bar of the T-shaped member adapted to be rotatably received in the aforementioned cap members and having the stem portion pivotally engaged within the blade supporting framework.

2,059,432
DRAINER
Raymond Bentley, Monterey, Calif., assignor of one-half to Knut Hovden, Monterey, Calif.
Application June 26, 1933, Serial No. 677,645
12 Claims. (Cl. 226—22)



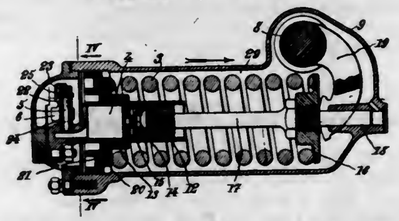
1. In a can drainer, can-traversing mechanism, means associated therewith for tipping cans to draining position during traverse, a substantially continuous drain-channelled can-supporting surface member incorporated in said mechanism to support a plurality of cans while permitting drainage therefrom; said member being freely mounted for motion in the direction of traverse of and adapted to be driven by cans supported thereby.

2,059,433
ZERO-SETTING DEVICE FOR REGISTERS
Eric H. Bradley, Dayton, Ohio, assignor to National Pumps Corporation, Dayton, Ohio, a corporation of Ohio
Application February 23, 1932, Serial No. 594,530
13 Claims. (Cl. 235—144)



1. In a liquid dispensing apparatus, a device to indicate the quantities of liquid dispensed, a device to register the quantities of liquid dispensed, said devices including separate shafts capable of relative rotation, means comprising a single actuating device for resetting said indicating device and said registering device, and a slip connection between said actuating device and said indicating device to permit the continued movement of said actuating device to complete the resetting of said registering device after said indicating device has been reset to its initial position.

2,059,434
ELASTIC SUSPENSION DEVICE FOR VEHICLES
Georges Broulhiet, Paris, France
Application May 3, 1935, Serial No. 19,735
In Belgium May 3, 1934
2 Claims. (Cl. 267—11)



1. A suspension device for connecting the unsuspended part of a vehicle with the suspended part thereof, which comprises, in combination, elastic suspension means interposed between said unsuspended part and said suspended part, a hydraulic shock absorbing system interposed between said unsuspended part and said suspended part, said system including a chamber the volume of which is variable in response to relative displacements of said unsuspended and said suspended parts, a second chamber adapted to contain the reserve of liquid of the shock absorbing

device, a conduit connecting said first mentioned chamber with said second chamber, a movable mass so arranged as to be displaced in response to accelerations capable of producing perturbing effects on said elastic suspension means, means for throttling said conduit responsive to the opposed actions of the liquid pressure in said conduit, on the one hand, and of said mass, on the other hand, said throttling means being so devised that the action of the liquid pressure thereon corresponding to a movement of said mass that has brought said throttling means into closed position just balances the action of said mass on said throttling means.

2,059,435
FEEDING DEVICE AND A PROCESS OF USING THE SAME
Harold J. Brownlee, Cedar Rapids, Iowa, assignor to Quaker Oats Company, Chicago, Ill., a corporation of New Jersey
Application June 16, 1930, Serial No. 461,293
20 Claims. (Cl. 260—54)

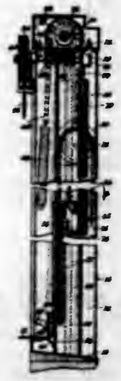


1. The method of continuously feeding solid, pulverulent, furfural-yielding material into a digester against substantial superatmospheric pressure maintained therein, which comprises impregnating the material with a dilute acid and continuously feeding said material to the digester in the form of a continuously renewed highly compressed gas-proof plug formed at the ingress of said digester to constitute thereat a seal against the escape of the pressure from the digester, and continuously breaking up the inner end of the plug to allow the material to enter the digester.

10. The method of continuously feeding pulverulent solid material into a digester against a relatively high pressure continuously maintained therein which comprises dampening the material, then continuously and progressively compressing said dampened material into a dense, highly compacted, gas-tight plug at the ingress to said digester to form a pressure seal thereat, maintaining said plug against rotation while continuously forcing the inner end thereof into the digester wherein it is dissociated, and continuously replenishing said plug at its outer end with fresh dampened material that is likewise densely compacted to keep an intact plug continuously at the ingress of said digester.

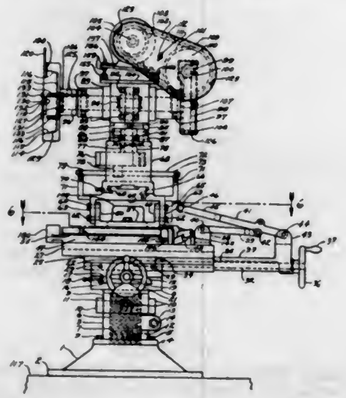
2,059,436
OPERATOR FOR COUNTERBALANCED WINDOWS
Harry E. Campbell, Baltimore, Md., assignor to Campbell Metal Window Corporation, Baltimore, Md., a corporation of Maryland
Application June 22, 1933, Serial No. 677,015
Renewed April 11, 1936
5 Claims. (Cl. 268—130)

1. In combination with a window frame, two vertically sliding sashes, flexible suspension members interconnecting the sashes and passing around pulley wheels so that the sashes tend to mutually counterbalance each other, and means for exerting a tension on such flexible members comprising a shaft, sprocket wheels carried by such shaft, chain members passing over such sprocket wheels each having one end operatively connected with one of said flexible members, and counterbalancing means operatively connected with the other ends of said chain members so



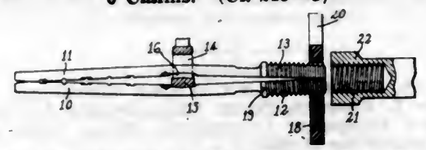
that when said shaft is rotated an upward tension may be exerted on said flexible members.

2,059,437
WORK HOLDING MACHINE
Gustave A. Carlson, Detroit, Mich.
Application May 3, 1934, Serial No. 723,624
34 Claims. (Cl. 51—230)



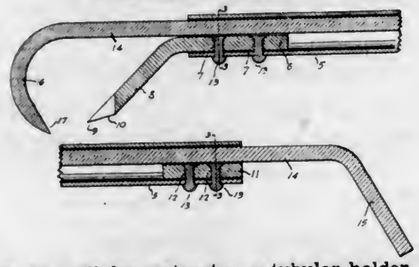
1. In a work holding machine, the combination of a slide member, a second slide member on said first mentioned slide member and adapted to reciprocate substantially at right angles to said first mentioned slide member, a table member slidably mounted on said second slide member and adapted to reciprocate in the same direction as said second slide member, a toggle lever mechanism operatively connected with and adapted to reciprocate said table member, means for moving said second slide member without exerting a reciprocating thrust to said table member through said toggle lever mechanism, a structure rotatably mounted on said table member and provided with a cam member, a second structure slidably mounted on said table member and provided with a crank arm, a cam follower mounted on said crank arm and operatively engaging said cam member of said table member, a chuck mechanism for holding the work, and means for rotating said chuck mechanism and said crank arm.

2,059,438
ELECTRODE HOLDER
Jack Churchward, New Haven, Conn., assignor to The Churchward Engineering Company, Inc., New Haven, Conn., a corporation of Connecticut
Application September 11, 1935, Serial No. 40,047
6 Claims. (Cl. 219—8)



3. An electrode holder comprising a pair of jaw members, said members consisting of relatively flat blade portions in opposed relation and half-round complementary threaded portions at the rear ends of the blade portions, a socket member to receive the threaded portions of the jaws, and said jaws being so shaped as originally formed as to diverge from the rear ends of the threaded portions thereof and possessing inherent resiliency whereby when said threaded ends are forced into the socket, the surfaces thereof will be urged by the inherent resiliency into tight contact with the wall of the socket.

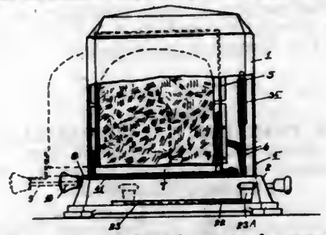
2,059,439
CLINKER EXTRACTOR
Richard P. Colwill, Omaha, Nebr.
Application May 9, 1935, Serial No. 20,597
5 Claims. (Cl. 294—11)



1. In a clinker extractor, a tubular holder, an apertured semicircular bearing-block in the front end of the holder having a forwardly projecting downwardly inclined rectilinear part with a divergent terminal, an apertured semicircular bearing-block in the rear end of said holder, keepers in the apertures and having countersunk heads in the flat sides of the bearing-blocks for securing said blocks to the lower side of the tubular holder, a semicircular operating-bar disposed in the tubular holder with its flat side engaging the flat sides of the bearing-blocks and having a downwardly and rearwardly curved gripping-hook with a convergent terminal and adapted to be reciprocated to dispose its hook nearer to or farther from the inclined rectilinear part of said bearing-block, the spacing of said blocks providing a chamber in said holder beneath the operating-bar.

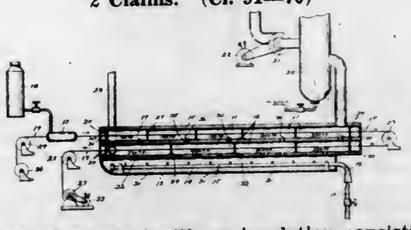
2,059,440
ELECTRIC TOASTER
William B. Connolly and Abe O. Samuels, Rochester, N. Y., assignors to Samson-United Corporation, Rochester, N. Y.
Application April 21, 1934, Serial No. 721,738
12 Claims. (Cl. 219—19)

1. In a toaster the combination of an oven having an opening in the front thereof, a hollow base having an imperforate closed top separated from said oven by its closed top, a toast carrier adapted to slide in and out of the opening in the front of said oven, an operating member pro-



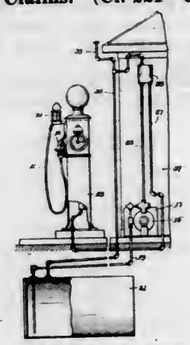
jecting from the hollow base and connected to said toast carrier on the outside of the oven and operating means within said hollow base for moving said operating member.

2,059,441
COATING COMPOSITION FOR WIRE AND PROCESS
Edward H. Converse, Poughkeepsie, N. Y., assignor, by mesne assignments, to Case, Pomeroy & Company, Inc., New York, N. Y., a corporation of New York
Application January 3, 1933, Serial No. 649,740
Renewed March 5, 1936
2 Claims. (Cl. 91—70)



1. A wire coated with an insulation consisting of a cellulose ester and furfural residue resin.

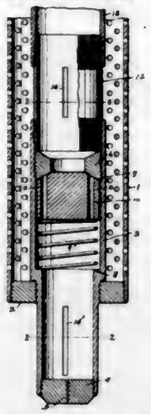
2,059,442
DISPENSING APPARATUS
Junius F. Cook, Jr., and James Ballard Moore, Chicago, Ill., assignors to S. F. Bowser & Company, Inc., Fort Wayne, Ind., a corporation of Indiana
Application September 17, 1932, Serial No. 633,563
24 Claims. (Cl. 221—95)



1. Fluid dispensing apparatus comprising, in combination, a conduit through which fluid may be forced, fluid-forcing means associated with the conduit, and electrically actuated means for con-

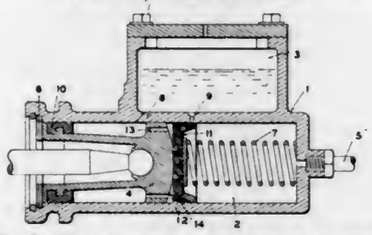
trolling the fluid-forcing means comprising means forming an electrical circuit operatively associated with said fluid-forcing means, and means in said circuit operable from the discharge end of the conduit without interrupting the circuit for controlling the fluid-forcing means by altering the electrical characteristics of said circuit.

2,059,443
BACK PRESSURE VALVE MECHANISM
Oscar M. Davis, Houston, Tex.
Application April 27, 1935, Serial No. 18,564
1 Claim. (Cl. 166—20)



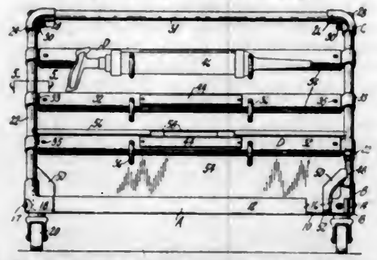
The combination of a well screen whose lower end is closed, of a tubular valve casing within the screen and whose lower end is extended through said lower end of the screen and anchored thereto, said casing extending beneath the screen, an annular valve seat in the casing, a downwardly opening valve in the casing beneath the seat, a yieldable member on which the valve is supported and which normally holds the valve closed, a wash pipe within the screen and whose lower end is attached to the casing, said wash pipe and the extended lower end of the casing each having an elongated vertical slot cut therethrough, and extending laterally approximately tangentially with respect to the inside surface of the wash pipe and casing, respectively.

2,059,444
FLUID PRESSURE MECHANISM
Burns Dick, Ferguson, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a corporation of Delaware
Application May 29, 1933, Serial No. 673,366
10 Claims. (Cl. 60—54.6)



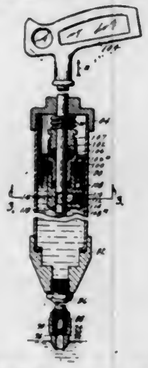
1. In fluid pressure mechanism, a cylinder, a piston therein, a reservoir, means forming a passage through the cylinder wall and communicating with the reservoir, and means for normally preventing communication from the cylinder to the reservoir when the piston is in its fully retracted position but capable of movement relative to said piston when the piston is in said retracted position for permitting such communication when the pressure of the fluid in the cylinder exceeds a predetermined value, said means being movable with the piston during the pressure stroke of the piston.

2,059,445
GREASE GUN CARRIER RACK
Ivan L. Eastman, Bryan, Ohio, assignor to The Aro Equipment Corporation, Bryan, Ohio, a corporation of Ohio
Application June 5, 1933, Serial No. 674,349
14 Claims. (Cl. 211—60)



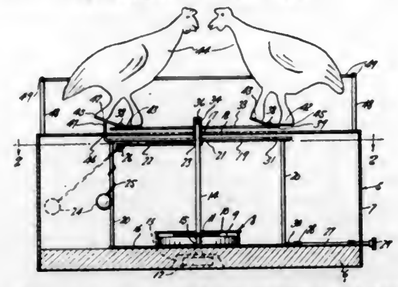
2. In an article of manufacture, a pair of horizontally spaced vertically extending frame members, supporting bars extending therebetween, clamping bands around said frame members, a single bolt for securing each clamping band to the end of a supporting bar, said supporting bars being channel shaped, said clamping bands being positioned between the flanges thereof to prevent undesired turning of each clamping band on its bolt, and U-shaped hooks each having one arm extending through the flanges of a supporting bar depending therefrom and opening upwardly to receive a grease gun between the supporting bar and the other arm of said hook.

2,059,446
OIL GUN STRUCTURE
Ivan L. Eastman, Toledo, Ohio, assignor to The Aro Equipment Corporation, Bryan, Ohio, a corporation of Ohio
Original application January 23, 1933, Serial No. 653,115. Divided and this application June 25, 1934, Serial No. 732,290
4 Claims. (Cl. 221—47.4)



1. In an oil gun structure, an oil cylinder, a piston reciprocable therein, an operating rod for said piston, said operating rod having a depression therein and being slidable relative to said piston and clutch means for connecting said piston with said rod whereby to reciprocate the piston by sliding the rod, said clutch means comprising a spring pressed ball seating in said depression when said depression registers with said ball.

2,059,447
TOY
Carl J. Ekberg, Oakland, Calif.
Application April 1, 1936, Serial No. 71,999
3 Claims. (Cl. 46—142)



1. In a device of the kind described, a base, a motor on the base, a drive shaft driven by the motor, a beam extended from the drive shaft, a cord attached to the outer end of the beam, a weight attached to the outer end of the cord, and posts extended parallel with the drive shaft clear of the path of the beam, but within the path of the cord.

2,059,448
RUBBER AND METHOD OF MAKING THE SAME
Albert K. Epstein and Benjamin R. Harris, Chicago, Ill.
No Drawing. Application February 16, 1935, Serial No. 6,856
13 Claims. (Cl. 106—23)

1. A compounded, milled rubber composition including rubber and a relatively small proportion of a derivative of an aliphatic polyhydroxy substance having at least one relatively high molecular weight alkyl or acyl group and at least one free hydroxy group attached to a carbon of the polyhydroxy substance.

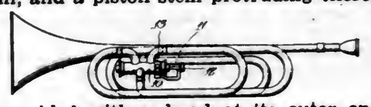
2,059,449
WASHING COMPOUND
Albert A. Fowler, North Hollywood, and Russell M. Otis, Pasadena, Calif.
No Drawing. Application May 20, 1935, Serial No. 22,432
5 Claims. (Cl. 8—6)

1. A washing compound comprising crystals of a water-softening agent carrying a blue water-soluble dye inert to boiling soap solution and having its greatest absorption to visible light at a wave length greater than 6000 angstroms.

5. A washing compound comprising translucent crystals of borax, and a dye uniformly distributed over the exteriors of said crystals, said dye being identified by Colour Index No. 712 in the volume "Colour Index."

2,059,450
PISTON BUGLE
Wilbur M. Frank, Chicago, Ill., assignor to William Frank Company, Chicago, Ill., a corporation of Illinois
Application April 19, 1935, Serial No. 17,228
7 Claims. (Cl. 84—388)

1. The combination with a piston bugle having a piston valve casing, a piston valve operating therein, and a piston stem protruding therefrom



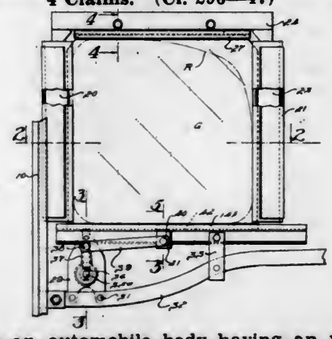
and provided with a head at its outer end, of means engaging said head for locking said piston valve in either of its operative positions.

2,059,451
NEON SIGN
William G. Green, Tulsa, Okla.
Application November 11, 1935, Serial No. 49,211
6 Claims. (Cl. 40—130)



1. In a sign of the character described, a sign character including a block of insulating material having an open front compartment, contact plugs carried by said block, a gas charged tube carried in the block and having electrical connections with the plugs, a resistance element in the block and connected in series with one of the plugs and with the tube, and a plastic insulating material filling said compartment to enclose the resistance element and to expose selective portions of the tube to form a character.

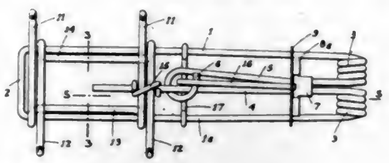
2,059,452
VENTILATING WINDOW
James W. Greig, Grosse Pointe Park, Mich., assignor to Hudson Motor Car Company, Detroit, Mich., a corporation of Michigan
Application October 25, 1933, Serial No. 695,065
4 Claims. (Cl. 296—47)



1. In an automobile body having an upright pillar in the side wall thereof and an opening in said side wall forwardly of said pillar, said body having exterior metal panelling inwardly flanged to form the marginal reveal of a window opening lying immediately in rear of said pillar, a single glass panel of an area to entirely close said window opening and slidable rearwardly for a limited distance to provide an upwardly extending ventilating slot between the forward upright edge of the glass and the adjacent edge of said window reveal, said glass panel being mounted so that its plane extends within the width of the pillar and said panel flanging at the forward upright edge

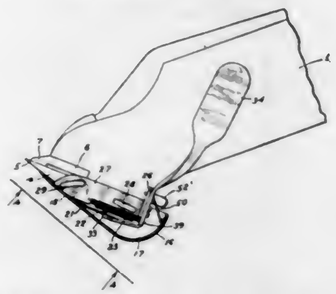
of the window opening extending outwardly from the plane of the glass panel sufficiently to produce a low pressure zone in the locality thereof effective to withdraw air by suction from the interior of the body through said ventilating slot during the forward travel of the automobile.

2,059,453
GOPHER TRAP
Frank J. Hain, Manteca, Calif.
Application December 28, 1934, Serial No. 759,490
7 Claims. (Cl. 43—91)



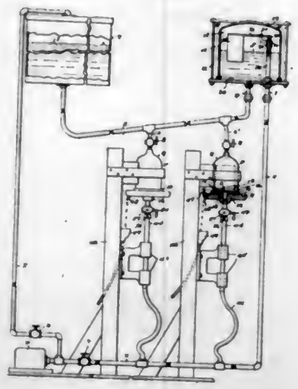
1. A gopher trap comprising a relatively long frame, a pair of sets of jaws mounted on the frame in longitudinally spaced relation, each set comprising a pair of opposed jaw elements and the corresponding elements of the sets being rigidly connected together, means applied to one set of jaws tending to spring the same, a trigger plate mounted on the frame beyond said one set of jaws, and means between said plate and the springing means to releasably hold the latter in restraint.

2,059,454
TAPERING HAIR CLIPPER
Charles M. Havens, San Francisco, Calif., assignor of one-eighth to Doris I. Kirkman, Bakersfield, one-eighth to Franklin C. Havens, Los Angeles, one-eighth to Charles Ellsworth Ruggles, and one-fourth to Iva Ruggles, both of San Francisco, Calif.
Application September 9, 1935, Serial No. 39,760
17 Claims. (Cl. 30—1)



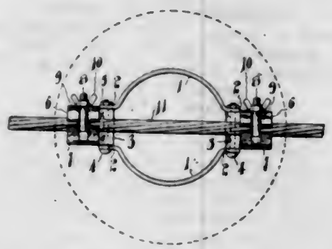
1. In a hair clipper having a body and a pair of relatively reciprocable toothed clipping blades at its forward end one over the other, a plate formed to cover the lower side of the body and to provide a space between the body and the plate, said plate terminating at its forward end adjacent the cutting teeth of the lower blade and mounted in a manner for moving outwardly to and from the lower blade, and mechanism operatively positioned between said plate and said lower blade arranged for moving said plate including a power take-off member arranged to engage the side edge of the reciprocable clipping blade for thereby actuating said mechanism.

2,059,455
AUTOMATIC AIR RELEASE MEANS FOR VACUUM SYSTEMS
Stedman B. Hoar, Orange, Calif., assignor, by mesne assignments, to Natural Food Products Company, a corporation of Delaware
Application January 21, 1935, Serial No. 2,677
10 Claims. (Cl. 226—116)



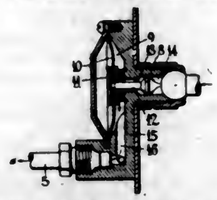
1. A filling system for liquid containers comprising a tank for the liquid, a plurality of filling units connected therewith, an air release mechanism connected with said tank and with said filling units, a vacuum system connected with said filling units and with said air release mechanism and automatically operable for collecting and releasing air which may enter said filling units and connections, and means for connecting said vacuum system with said tank at a point above the level of the liquid therein, for maintaining a balanced pressure on opposite sides of the liquid supply.

2,059,456
INSULATOR CLAMP
Frederick James Hodges, Waubaushene, Ontario, Canada
Application May 19, 1934, Serial No. 726,534
4 Claims. (Cl. 173—313)



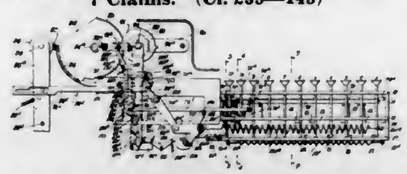
1. In an insulator clamp, the combination of supporting means adapted to be positioned about the neck of an insulator; a fixed conductor-engaging jaw carried by said supporting means; a movable conductor-engaging jaw pivotally mounted on said supporting means; a bolt pivotally connected with said movable jaw, the fixed jaw having a notch formed therein in which said bolt may lie, and a nut on said bolt adapted to engage the fixed jaw.

2,059,457
ACCESSORY SYSTEM
Erwin C. Horton, Hamburg, N. Y., assignor to Trico Products Corporation, Buffalo, N. Y.
Application March 22, 1935, Serial No. 12,523
3 Claims. (Cl. 60—60)



1. An accessory system for motor vehicles connected to a source of low pressure in the power plant thereof, wherein the rise and fall in the pressure influence occurs incidental to vehicular operation, a primary suction operated accessory having constant communication with said source, a secondary suction operated accessory having intermittent communication with said source, and pressure responsive means operable for automatically establishing communication between the secondary accessory and the source when the pressure available therefrom is sufficient to operate both accessories and for automatically closing such communication when the pressure influence is insufficient to operate both accessories.

2,059,458
KEY RELEASING MEANS
Francis A. Hosack, New York, N. Y.
Original application August 15, 1931, Serial No. 557,293. Divided and this application December 12, 1933, Serial No. 701,970
7 Claims. (Cl. 235—145)

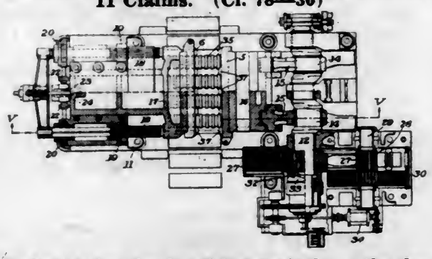


1. In a calculating machine having accumulating pinions, movable actuator bars operatively associated with said pinions for actuating the latter, and depressible keys arranged in series in columns corresponding to the respective actuator bars; individual locking means for each column of keys acting to hold any key of the respective column in depressed position for limiting the movement of the related actuator bar; means extending transversely of said columns of keys and operatively engageable with each of said locking means for releasing the latter; and means operable by one of said actuator bars for actuating said releasing means to release the locking means for all columns of keys.

2,059,459
METHOD OF TREATING WELLS WITH ACIDS
Walter J. Hund, Oakland, and Albert G. Loomis, Berkeley, Calif., and Samuel Ernest Lambert, Jr., Tulsa, Okla.
No Drawing. Application June 5, 1936, Serial No. 83,698
11 Claims. (Cl. 166—21)

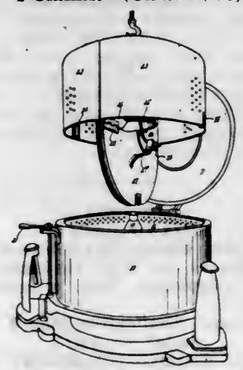
1. In the process for increasing the production of wells, the steps of separately introducing into the producing formation an aqueous fluid and a substantially non-aqueous fluid forming upon dilution with water an active acid capable of reacting with the formation, causing the two fluids to intermingle within the formation, and allowing the active acid formed to react with the formation.

2,059,460
METHOD AND APPARATUS FOR SCALE BREAKING AND EDGING HOT METAL SLABS
Lorenz Iversen, Pittsburgh, Pa., assignor to Mesta Machine Company, Homestead, Pa., a corporation of Pennsylvania
Application September 20, 1932, Serial No. 633,960
11 Claims. (Cl. 78—36)



1. Apparatus for breaking scale from the faces of hot metal slabs comprising a conveyor for advancing and supporting successive slabs to be descaled, a pair of cooperating elongated jaws extending along opposite sides of the conveyor, the jaws being relatively reciprocable toward and away from one another, adjusting means for at least one jaw whereby such reciprocating movement will be automatically terminated upon successive reciprocating movements at a predetermined adjusted minimum spacing of the jaws so as to insure that successive slabs will be uniformly sized, and power means for moving at least one jaw so as to effect such reciprocating movement.

2,059,461
REMOVABLE CONTAINER FOR EXTRACTORS
Oscar W. Johnson, Rochester, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio, a corporation of Ohio
Application September 8, 1934, Serial No. 743,213
4 Claims. (Cl. 210—76)



1. The combination with an extractor having side walls and a bottom and means for rotating the same of an extractor basket comprising a plurality of compartment members, each having

substantially vertical walls and a bottom, said compartment members being formed in such a manner that when grouped with their vertical walls abutting they fit within said extractor side walls, there being a continuous annular recess in said extractor bottom and complementary projections on the bottoms of said compartment members adapted when said members are grouped to form a substantially continuous annular ring adapted to engage said recesses in driving relation.

2,059,462

HEXAMETHYLENETETRAMINE COMPOUND AND THE PROCESS OF PRODUCING THE SAME

Heinrich Jungmann, Altona-Othmarschen, Germany, assignor to Kali-Chemie Aktiengesellschaft, Berlin, Germany, a corporation of Germany

No Drawing. Application October 3, 1935, Serial No. 43,327. In Germany October 15, 1934
3 Claims. (Cl. 260—141)

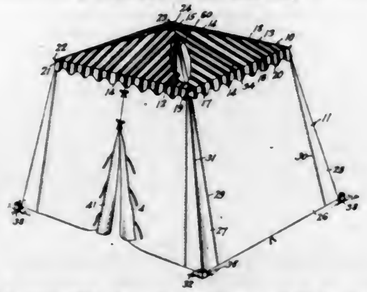
1. A compound consisting of calcium thiocyanate and a substance selected from the class consisting of hexamethylene tetramine and ammonia-formaldehyde.

2,059,463

TENT

David Kemp, New York, N. Y.

Application May 18, 1935, Serial No. 22,201
6 Claims. (Cl. 135—2)



4. A roofless tent adapted to have a roof detachably secured thereto comprising a wall section having trapezoidal sides and collapsible truss means for supporting said sides in upwardly and inwardly inclined position including a pair of intersecting trusses each having tension elements in the form of flexible, foldable intersecting tapes extending from the center of said truss means to the corners of said wall sections and snap fastener elements secured at spaced intervals to the upper edge of said wall sections and adapted to engage cooperating elements on the lower edge of said roof.

2,059,464

SIZING PAPER

Otto Kress and Charles E. Johnson, Appleton, Wis., assignors to The Institute of Paper Chemistry, Appleton, Wis., a corporation of Wisconsin

No Drawing. Application March 2, 1935, Serial No. 9,015
11 Claims. (Cl. 92—21)

1. The method of making sized paper comprising providing a pulp containing a set rosin size, and particles of an alkaline earth filler material, each of said particles being coated with a film of waxy material, the latter being protected by a water-insoluble protein preventing agglomeration of the waxy particles and producing paper therefrom.

2,059,465

SIZING PAPER

Otto Kress and Charles E. Johnson, Appleton, Wis., assignors to The Institute of Paper Chemistry, Appleton, Wis., a corporation of Wisconsin

No Drawing. Application March 28, 1935, Serial No. 13,577
16 Claims. (Cl. 92—40)

1. The method of manufacturing paper comprising forming a paper web, applying to said web an aqueous colloidal dispersion of waxy material stabilized with a water insoluble protein, the latter being present in such a quantity relative to the wax that the particles of wax deposited on the web are surrounded by a protein film, thereby preventing agglomeration of the wax particles, said web containing an acidic substance which will react with the dispersion and fix the particles of waxy material on the web fibers.

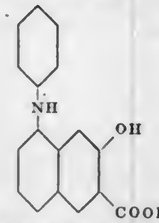
2,059,466

AROMATIC IMINO COMPOUNDS AND PROCESS OF MAKING THEM

Otto Limpach, Wiesbaden-Biebrich, and Karl Hager, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application January 8, 1935, Serial No. 922. In Germany March 20, 1930
8 Claims. (Cl. 260—109)

8. The compounds of the general formula:



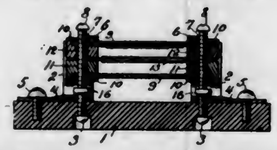
which contain a methoxy group in 4'-position or a carboxylic group in 2'-position.

2,059,467

FUSE AND HOLDER THEREFOR

Fredrick E. Lowenstein, Kansas City, Kans.

Application March 23, 1936, Serial No. 70,210
10 Claims. (Cl. 200—134)



1. In a fuse holder, a fuse having a contact terminal, a conductive member having a pair of jaws adapted to releasably grip between them said terminal, a clamping member embracing said jaws and adapted to bear against the outer side of said terminal, and means engaging said conductive member and said terminal for forcing the latter outwardly against said clamping member.

2,059,468

PROCESS OF TREATING STEEL

George Albert Lyon, Allenhurst, N. J.

No Drawing. Application June 14, 1932, Serial No. 617,243
10 Claims. (Cl. 148—12)

8. A process of treating steel comprising cold working a piece of unhardened and untempered low carbon steel to give the steel a finer crystal or grain structure as well as to initially harden the steel, heating the steel rapidly to a temperature of about 1450° F. to 1600° F. in a heated bath for a sufficiently short period of time so as not to change the crystal or grain structure obtained during the cold working operation and quickly thereafter plunging the steel into a quenching bath to harden the steel.

2,059,469

METHOD OF TREATING ORGANIC LIQUIDS WITH PHOSPHORUS PENTOXIDE

Boris Malishev, Berkeley, Calif.

No Drawing. Application October 14, 1935, Serial No. 45,000
6 Claims. (Cl. 196—23)

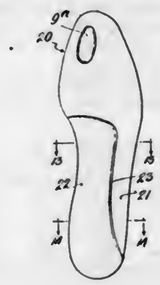
1. In the process of treating an organic liquid with P_2O_5 said liquid containing impurities capable of peptizing and consuming P_2O_5, the steps of pretreating said liquid with an alkaline reacting reagent substantially to remove said impurities and thereafter contacting the liquid with solid P_2O_5 which is prevented from coagulating by mechanical means in the absence of a peptizing agent.

2,059,470

FOOTWEAR

Norman D. Mattison, Montclair, N. J.

Application March 16, 1935, Serial No. 11,442
4 Claims. (Cl. 36—8.5)



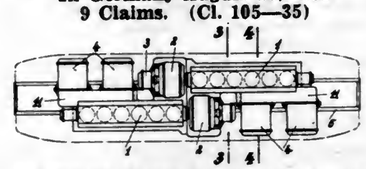
1. A shoe including a bottom structure having an upper surface to engage and support the plantar surfaces of the heel, forepart and the outer longitudinal arch when the foot is in a balanced position, said surface being provided with a trough-like depression along its outer side for receiving and supporting the entire plantar area of the muscular pad which extends from the heel forwardly along the outer edge of the foot to the ball portion thereof, said surface also including an approximately level portion for supporting the entire ball of the foot, the forward part of said depression merging smoothly into said level portion and being on the same level therewith, and the heel supporting portion of said structure including an approximately level surface for supporting the greater part of the plantar surface of the heel.

2,059,471

LOCOMOTIVE

Max Mayer, Augsburg, Germany, assignor to Maschinenfabrik Augsburg-Nurnberg A. G., Augsburg, Germany, a corporation of Germany

Application August 18, 1934, Serial No. 740,494
In Germany August 25, 1933
9 Claims. (Cl. 105—35)



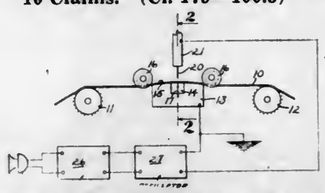
1. An engine driven locomotive comprising a frame, driving wheels supporting said frame, and a pair of power units supported on said frame each of which comprises a combustion engine, an electric generator operated thereby and electric motor means operated by said generator, the engines extending in parallel planes with the generator and motor means of each unit laterally opposite the engine of the other unit, and means connecting said motor means to said driving wheels.

2,059,472

SOUND RECORDING SYSTEM

Herbert E. Metcalf, Walnut Creek, Calif., assignor to Frank Rieber, Inc., San Francisco, Calif., a corporation of California

Application July 21, 1930, Serial No. 469,435
10 Claims. (Cl. 179—100.3)



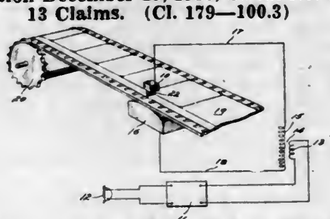
1. In a sound recording system, the combination of a photographic film, means for moving said film, means for creating an electrical discharge on one side of said film having a portion in contact with said film, means for varying the intensity of said discharge to vary the size of said film contacting portion, and an electrode on the other side of said film positioned to confine the size and shape of said film contacting portion to elemental dimensions.

2,059,473

SOUND RECORDING SYSTEM

Herbert E. Metcalf, San Francisco, Calif.

Application December 15, 1930, Serial No. 502,580
13 Claims. (Cl. 179—100.3)



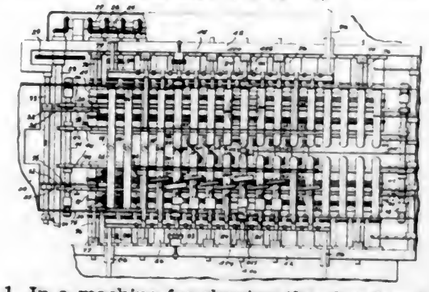
1. The method of marking a film having a single sensitized surface which comprises making said surface one face of an air gap, forming the other face of said air gap of dielectric material, passing energy through said film and said di-

electric to ionize the air in said gap, and controlling the dimensions of said mark solely by the dimensions of said dielectric face.

2,059,474
METHOD OF AND APPARATUS FOR FORMING GLASS BODIES

Felix Meyer, Aachen, Germany, assignor to Kimble Glass Company, Vineland, N. J., a corporation of Illinois

Application October 23, 1933, Serial No. 694,731
16 Claims. (Cl. 49—7)



1. In a machine for shaping the closed end of a hollow glass body, a forming tool having a portion constituting an abutment for the tip of said closed end and having a second portion disposed wholly to one side of the said abutment adapted to shape the portion of the body adjacent the tip end thereof, both portions of said tool being flat in a direction transversely of the longitudinal axis of the tool, means for blowing the closed end of said body into engagement with both portions of said forming tool, and means for rotating said body.

2,059,475
DRY CLEANING

Latimer D. Myers, Cincinnati, Ohio, assignor to Emery Industries, Inc., Cincinnati, Ohio, a corporation of Ohio

No Drawing. Application October 7, 1932, Serial No. 636,769
3 Claims. (Cl. 68—38)

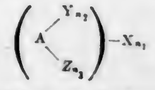
2. In the dry-cleaning art, the method of removing a dyestuff which has bled from fabrics as a result of the absorbed moisture in the solvent, said method comprising, extracting the dyestuff from the solvent by means of an activated absorbent earth of the type used in the petroleum industry possessed of specific absorbent capacity in relation to the dyestuff by adding said activated absorbent earth to said solvent at the time said fabrics are being treated by said solvent.

2,059,476
DYESTUFFS OF THE ANTHRAQUINONE SERIES

Paul Nawiasky, Ludwigshafen-on-the-Rhine, Berthold Stein, Mannheim, and Robert Zell, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application January 6, 1934, Serial No. 705,620. In Germany January 21, 1933
15 Claims. (Cl. 260—60)

9. Dyestuffs for animal fibres corresponding to the general formula

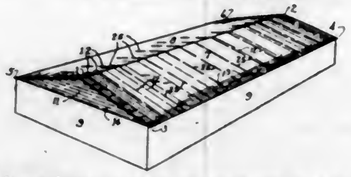


wherein A means an anthraquinone radicle, n_1, n_2 and n_3 whole numbers above zero, X a —SO_3H group, Y a group —$N.R_1R_2$ attached to an alpha-position of the said anthraquinone radicle and Z a radicle —$CO.N.R_3R_4$ and wherein R_1, R_3 and R_4 stand for a member of the group consisting of hydrogen, alkyl, cycloalkyl, aralkyl, hydroxyalkyl, aryl groups and aryl groups substituted by a member of the group consisting of halogen, alkyl, cycloalkyl, hydroxyl, alkoxyl, amino and acylated amino groups, and R_2 stands for a member of the group consisting of hydrogen, alkyl, cycloalkyl and aralkyl groups.

2,059,477
WIDE SPAN ROOF CONSTRUCTION

George S. Nelson, Salt Lake City, Utah

Application February 11, 1931, Serial No. 515,055
5 Claims. (Cl. 108—1)

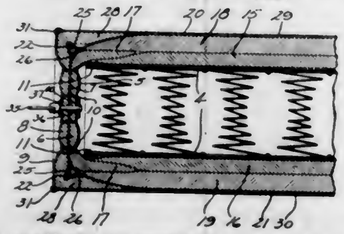


1. A roof comprising a plurality of slabs, each disposed in angular relationship to the adjacent slab, rigid means attached to the sloping ends of the slabs whereby the angular relationship is maintained at the ends, negative reinforcing bars positioned in the slabs in the direction of their slopes and adapted to counteract the deformation of the angular relationship of the slabs, web reinforcing bars disposed in the slab, tie bars whereby the horizontal thrust from opposite roof slopes may be counterpoised and longitudinal reinforcing tension members positioned along the longitudinal edges of the slabs whereby the slabs function as beams spanning longitudinally of the body.

2,059,478
INNER SPRING MATTRESS

Burt R. Noel, Milwaukee, Wis., assignor to Marquardt Company, Milwaukee, Wis., a corporation of Wisconsin

Application March 12, 1934, Serial No. 715,118
7 Claims. (Cl. 5—351)



3. A mattress comprising a central resilient filler, a top section comprising a plurality of plies of material, a bottom section comprising a plurality of plies of material and a side section comprising a plurality of plies of material, the plies of the side section being interleaved with the plies of the top and bottom sections.

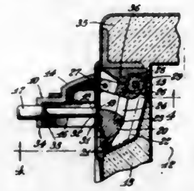
2,059,479
LATCHING DEVICE

Edwin North, Rockford, Ill., assignor to National Lock Co., Rockford, Ill., a corporation of Illinois

Application February 20, 1935, Serial No. 7,387
1 Claim. (Cl. 292—127)

A latch structure for a gas stove door comprising a recessed keeper plate associated with a wall

portion of a gas stove with which the door is associated, a latch member pivotally supported by the door and including a latch head engageable in the recess and adapted to be disengaged therefrom when a predetermined pressure is applied to the door in one direction, an operated member pivotally carried by the door and including a cam head, a link member providing a connection between the latch member and the operated member, said link member having connection

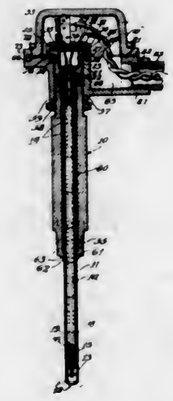


with the operating member at a point substantially spaced from the cam head, a plunger exterior of the door and movable into engagement with the cam head for pivoting the operated member in a direction to cause the link member to pivot the latch member from latched engagement with the recess of the keeper plate, and spring means for pivoting the operated member in an opposite direction to dispose the latch member in latched engagement with respect to the recess of said keeper plate, substantially as described.

2,059,480
THERMOCOUPLE

John A. Obermaier, Chicago, Ill.

Application September 20, 1933, Serial No. 690,227
2 Claims. (Cl. 136—4)

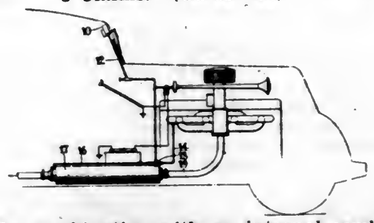


1. In a thermocouple the combination of a supporting base having a threaded bore with a supporting head having a complementary threaded portion, a protecting well carried by said head, a thermocouple in said well, an insulating member for supporting said thermocouple element and supporting electrical connectors, said insulating member being rotatively mounted in said head to permit convenient adjustment of the position of said connectors, said head having a counterbore for receiving said insulating member and said head having integral portions extending over the top of said insulating member.

2,059,481
WINDSHIELD CLEANING SYSTEM

John R. Oishei and Walter J. Chellew, Buffalo, N. Y., assignors to Trico Products Corporation, Buffalo, N. Y.

Application May 4, 1933, Serial No. 669,405
3 Claims. (Cl. 60—60)

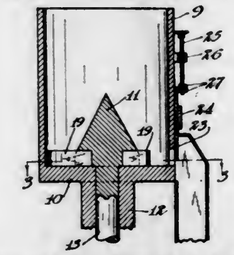


1. The combination with an internal combustion engine having a suction producing means providing variable subatmospheric pressures, an exhaust conduit leading from the engine, a muffler incorporated in the structure of the exhaust conduit directly in the path of the exhaust gases discharged from the engine, said muffler having suction producing means incorporated in the muffling structure thereof to provide variable subatmospheric pressures and responsive to the flow of exhaust gases therethrough to produce the suction, said muffler having a sound deadening chamber formed as a part of the muffling structure, outlet control means incorporated with the chamber in communication with both of said suction producing means and responsive to the lower of the pressures in the two suction producing means to provide open communication from such lower pressure into the sound deadening chamber, and subatmospheric pressure dispensing means connected to the chamber and consequently to the lower of the subatmospheric pressures of the two suction producing means.

2,059,482
FEEDER

Ole J. Olson, Redfield, S. Dak.

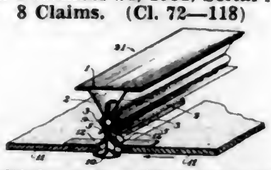
Application March 5, 1934, Serial No. 714,062
2 Claims. (Cl. 83—44)



1. A powder feeder comprising a vertically disposed cylindrical casing having a stationary base closure at its lower end, a conical head working against said base closure, means for revolving said head, one or more spring sweep arms attached at their inner ends to the lower portion of said head and resiliently bearing at their outer ends against the inner surface of said side wall, said side wall having an outlet port therein through which material from within said casing is forced by said sweep arms as said head revolves, said port being of a height to receive partially within the same the outer portions of said sweep arms as the sweep arms are revolved to a position opposite and adjacent said port and said port being substantially tangentially dis-

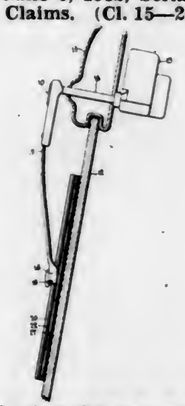
posed in a forwardly extending direction relative to the circle described by the outer portions of said sweep arms as said head rotates, said sweep arms acting to force the powder from within said casing outwardly through said port in definitely regulated quantity.

2,059,483
REPLACEABLE UNIT CEILING CONSTRUCTION
Raymond V. Parsons, New York, N. Y., assignor to Johns-Manville Corporation, New York, N. Y., a corporation of New York
Application December 24, 1931, Serial No. 583,043
8 Claims. (Cl. 72—118)



6. A multiple unit ceiling comprising rigid panels, a supporting super-structure, a channel bar with beaded web members defining a groove therebetween, means securing the said bar to the super-structure, and bracket clips interlocked in pairs in the said groove, assisting in maintaining the alignment of each other and limiting the movement of the panels.

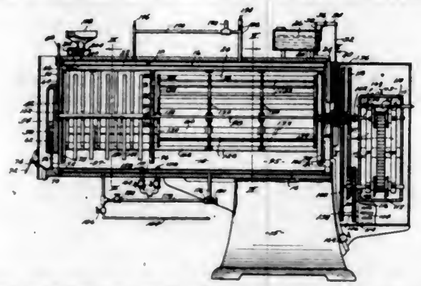
2,059,484
WIPER BLADE
William Paulus, Buffalo, N. Y., assignor to Trico Products Corporation, Buffalo, N. Y.
Application June 6, 1932, Serial No. 615,732
21 Claims. (Cl. 15—250)



1. A method of making a windshield wiper blade which comprises bending a strip of material into channel form, turning the marginal portions of the channel member thus formed into substantially double wall relation to provide beaded flange portions, and pressing the flanges toward each other against a flexible squeegee to anchor the latter in the channel.

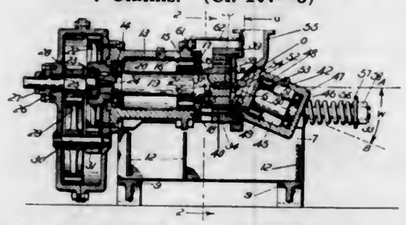
2,059,485
ICE CREAM MACHINE
William H. Payne and Francis R. Proper, Kansas City, Mo.
Application March 12, 1934, Serial No. 715,177
8 Claims. (Cl. 259—10)

1. A freezer comprising a freezing chamber having an inlet at one end and an outlet at its opposite end; means for cooling said chamber; a scraper mounted for rotation within said chamber; an agitator rotatably mounted in said chamber adjacent the outlet end, a dasher mounted



for rotation in said chamber intermediate said agitator and the inlet end of the chamber; and means for simultaneously rotating said scraper, agitator and dasher at relatively different speeds.

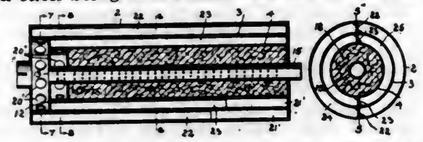
2,059,486
CUBING MACHINE
Clarence A. Payne and Frank L. Payne, Englewood, Colo.
Application July 11, 1935, Serial No. 30,851
7 Claims. (Cl. 107—8)



1. A cubing machine, comprising in combination, a body member, a shaft carried thereby and mounted for rotation, a die disk secured to one end of the shaft to be rotated thereby, the disk having perforations arranged in a zone concentric with its axis, a pressure member mounted for rotation about an axis that is inclined with respect to the axis of the disk, and provided with a frusto-conical surface having one element thereof parallel with the adjacent surface of the disk, resilient yielding means for forcing the frusto-conical surface against the disk, a pivot projecting from the center of the disk, a knife located adjacent the front side of the disk with its inner end rotatably connected with the pivot, and means engaging the outer end of the knife for holding it against rotation while the disk rotates, whereby any material adhering to the surface of the disk will be loosened.

2,059,487
MUFFLER
Paul G. Peik, Chicago, Ill., assignor to The Halsey W. Taylor Company, Warren, Ohio, a corporation of Ohio
Application October 31, 1932, Serial No. 640,558
1 Claim. (Cl. 181—41)

A muffler for silencing the exhaust noise of internal combustion engines, comprising an unobstructed main passage having a plurality of perforations therein, an expansion chamber having sound absorbing material packed therein and encircling said passage and communicating therewith through said perforations, and two substantially U-shaped resonator chambers, each being of substantially greater length than said muffler and each being in communication with the main



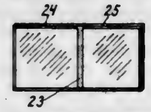
passage, said resonator chambers being spaced from the main passage by different radial distances.

2,059,488
ELECTRICAL CONTACT DEVICE
Gottfried Prikel, Bucharest, Rumania
Application December 24, 1934, Serial No. 759,040
In Rumania December 29, 1933
4 Claims. (Cl. 102—4)



1. An electrical contact device for a projectile well-casing perforator suspended by a cable, comprising a tubular body clamped to the cable, a lateral projection on the tubular body carrying an insulated contact, a contact head sliding over the tubular body, a contact pin mounted on the contact head, a yielding means holding the contact head in its uppermost position, said means being compressible and allowing the contact pin to close with the insulated contact when a weight dropped into the well strikes the contact head.

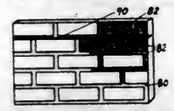
2,059,489
GLASS BUILDING UNIT
Antoinette Reisig, Fords, N. J.
Application October 28, 1935, Serial No. 47,077
2 Claims. (Cl. 72—19)



1. A reversible structural unit for veneered walls, comprising a sheet of transparent glass forming the body of the unit, regular design-defining markings applied to a surface of the transparent body, the said markings being of a color contrasting with the glass and easily visible therethrough, a backing layer of contrasting color applied over the same surface of the glass as the said markings to simulate brick or tile, whereby the markings and backing are visible through the transparent body of the unit, and markings applied to the said backing forming different appearing designs thereon from the designs produced by the aforesaid markings,

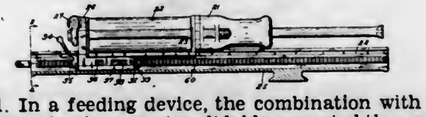
whereby upon reversal of the unit, there may be obtained the appearance of a brick or tile upon one surface, and a glazed finish upon the reverse surface.

2,059,490
BUILDING UNIT
Antoinette Reisig, Fords, N. J.
Application January 2, 1936, Serial No. 57,204
2 Claims. (Cl. 72—18)



1. A reversible building unit comprising a flexible sheet adapted to be cemented to a building wall, the said sheet comprising a body having opposing faces, one of the said faces having applied thereto areas of contrasting color to simulate a brick construction with mortar lines therebetween, the opposing face having applied thereto a pattern of a contrasting nature with respect to the simulated brick pattern, and fracture lines in the sheet enabling the sheet to be divided into smaller portions defining one or more individual units.

2,059,491
FEEDING MECHANISM FOR ROCK DRILLS
Led L. Richardson, Garfield Heights, Ohio, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio, a corporation of Ohio
Application May 15, 1935, Serial No. 21,553
11 Claims. (Cl. 255—45)

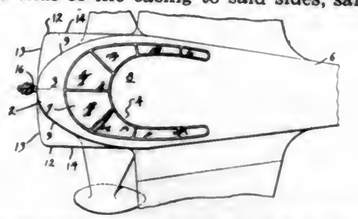


1. In a feeding device, the combination with a support having a motor slidably mounted thereon, of a hammer piston reciprocable in said motor imparting jars thereto tending to move the motor longitudinally of the support, of a recoil resisting mechanism operatively associated with the motor and the support and comprising a duality of racks secured to said support with the teeth of one of said racks disposed in diametrical opposition to the teeth of the other, pawls between said racks carried by said motor capable of concurrent engagement with the teeth of said racks, and unitary means operable for selectively controlling the engagement of said pawls with the teeth of said racks to enable said motor to move in one direction relative to the support due to the jars imparted to the former.

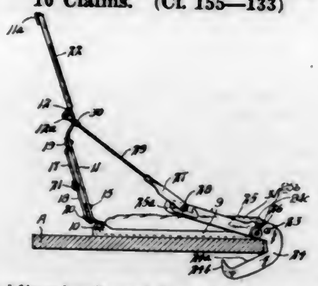
2,059,492
FUSELAGE
Jan Rouffaer, Oakland, Calif.
Application April 9, 1934, Serial No. 719,655
1 Claim. (Cl. 244—30)

A cabin type airplane comprising, a body having a relatively small frontal area and being enlarged rearwardly in a substantially streamlined spheroid widening along continuous curves to an intermediate portion including the cabin and then converging in the direction of the tail, a frontal casing extending transversely of said spheroid at the extreme front thereof to house a motor of a transverse dimension greater than the transverse dimension of the spheroid at and adjacent to the front thereof, said casing being

extended transversely into substantial longitudinal alignment with the sides of said intermediate portion of said spheroid and extended rearwardly at the ends of the casing to said sides, said casing being curved in a vertical longitudinal plane to define substantially streamlined top and bottom sides which join with the sides of said spheroid intermediate said widest portion and the front end thereof.

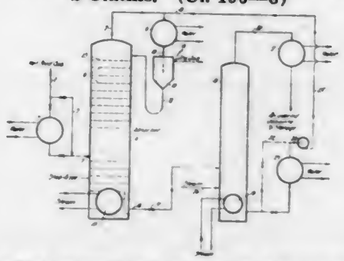


2,059,493
BACK REST
Anthony M. Schoenhoff, Minneapolis, Minn.
Application October 11, 1933, Serial No. 693,107
10 Claims. (Cl. 155—133)



8. A folding back rest for a seat, comprising a pair of side bars, a pair of back bars pivotally connected respectively to the rear ends of said side bars for forward swinging movement, means interconnecting said back bars, clamps pivotally connected to forward portions of said side bars and folding braces attached to said clamps and to said back bars above said first mentioned pivots, said braces urging said clamps into clamping relation with the seat as pressure is applied against said back bars.

2,059,494
METHOD OF RECTIFICATION
Russell Norman Shiras, Compton, Calif.
Application July 25, 1935, Serial No. 33,103
2 Claims. (Cl. 196—8)

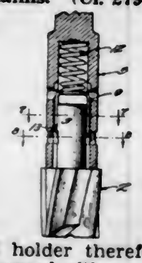


1. In the continuous ebullient fractionation of vapors containing normally gaseous and liquefiable components to produce a normally gaseous overhead and a liquid bottom product, the method of providing natural reflux comprising flowing the overhead gas and an absorption menstruum for the said vapors concurrently through an externally cooled zone simultaneously to absorb a portion of the gas in said menstruum and to withdraw heat of absorption from the menstruum, separating unabsorbed gas from the cooled menstruum and flowing the cooled menstruum containing absorbed gas countercurrently against said vapors through a fractionating zone.

2,059,495
CATALYTIC PURIFICATION OF OXYGEN-CONTAINING HYDROGENATION PRODUCTS OF OXIDES OF CARBON
Karl Smeykal, Leuna, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application November 29, 1932, Serial No. 644,837. In Germany December 5, 1931
12 Claims. (Cl. 260—156)

1. A process for the purification of an oxygen-containing hydrogenation product of an oxide of carbon which comprises treating this product with hydrogen at a temperature between 100° and 300° C., under a pressure of at least 50 atmospheres and in the presence of a catalyst comprising essentially a compound selected from the group consisting of the sulphides of the heavy metals of groups 1, 2, 4, 5, 6, and 8 of the periodic system, those oxygen compounds of the said heavy metals which upon heating leave behind oxides not easily reduced under the reaction conditions, and the oxides and hydroxides of the said heavy metals which are combined with acids in a complex form.

2,059,496
TOOL AND TOOL HOLDER
J Hugo Smith, Detroit, Mich.
Application June 8, 1934, Serial No. 729,589
5 Claims. (Cl. 279—93)

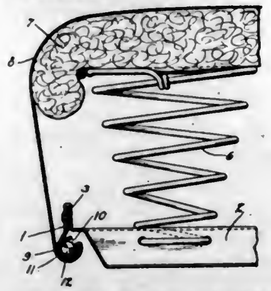


1. A tool and holder therefor, comprising a holder member formed with a socket, a tool member having a shank for engagement with said socket, the shank of said tool member having a laterally projecting formation and said socket member having a bayonet slot formation for receiving the laterally projecting formation of the tool member in sliding relation and permitting relative rotation of the tool member and socket member to secure the tool against longitudinal movement when rotated, said slot formation of the socket member having one wall functioning as a driving means and the lateral formation on the shank of the tool member having a wall functioning as driven means, and spring means having a cam surface for wedgingly engaging directly against a portion of said lateral formation on the shank of the tool member for constantly holding the driving and driven means in engagement while said tool and holder are in interfitting working relationship.

2,059,497
ALUMINIUM SOLDER
Friedrich Strasser, Basel, Switzerland
No Drawing. Application June 2, 1936, Serial No. 83,157. In Switzerland June 5, 1935
1 Claim. (Cl. 75—175)

A solder for aluminium plates consisting of 60% tin, 25% cadmium, 7.5% silver and 7.5% aluminium.

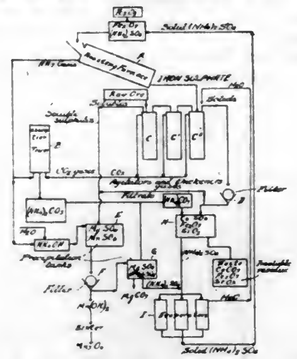
2,059,498
TRIM ASSEMBLY
Maurice Stubnitz, Adrian, Mich., assignor to Stubnitz-Greene Spring Corporation, Adrian, Mich., a corporation of Michigan
Application December 6, 1935, Serial No. 53,142
6 Claims. (Cl. 155—180)



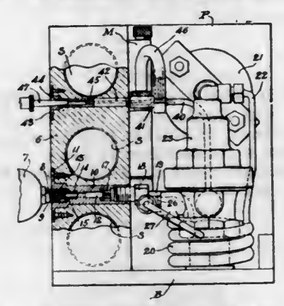
5. In a spring seat cushion comprising a frame member of steel having a spring action and a cross section in the form of a reversed J to form a pocket extending along the inside of the frame, a plurality of slats extending from one frame portion to the opposite portion for tying the two portions together, coil springs supported by said slats, trim material having a raw edge for covering the said springs and frame member arranged to have its raw edge portion wrapped around the outside of the frame member and positioned within the said pocket, a rod having a greater diameter than the width of the mouth of the pocket in the said reversed J frame member, the said rod having a plurality of serrations on its surface whereby the said rod can be forced through the mouth of the spring pocket member and cooperate with the spring action of the pocket member to securely tie the raw edge portion of the trim material in the said pocket.

2,059,499
PROCESS OF OBTAINING MANGANESE VALUES FROM ORES CONTAINING THEM
Andrew T. Sweet, Houghton, and John D. MacCarthy, Detroit, Mich., assignors to General Manganese Corporation, Detroit, Mich., a corporation of Delaware
Application September 23, 1929, Serial No. 394,679
Renewed June 26, 1935
7 Claims. (Cl. 23—145)

3. The process of recovering manganese compounds from carbonate ores which comprises roasting an iron oxide with an ammonium salt capable of forming a soluble iron salt and resulting in the evolution of ammonia gas, digesting said carbonate ore with said iron salt to form a soluble manganese compound and to precipitate an insoluble iron compound resulting in the evolution of carbon dioxide gas, separating the soluble manganese compound from the insoluble residue, precipitating an insoluble manganese compound from the solution with an ammonium compound derived from at least one of said gases thereby reforming the original ammonium salt in solution and separating and evaporating the ammonium salt to the original state in order to repeat the cycle.



2,059,500
PHYSIOTHERAPEUTIC DEVICE
Perry M. Thomas, Elgin, Ill.
Application November 2, 1935, Serial No. 47,951
9 Claims. (Cl. 128—184)



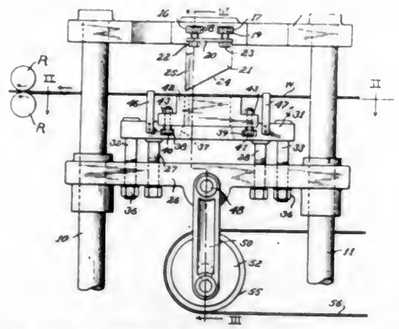
3. A physio-therapeutic device for the administration of oxygen, carbon dioxide or similar gases and having a pressure reducing valve therein, means communicating with the low pressure side of said valve and including a fitting to which a gas administering needle, nozzle or the like may be connected, and other means communicating with the high pressure side of said valve and including a member to which storage means having valve means therein may be movably connected, said storage means affording a source of gas, valve means in said member, the valve means in said storage means and said member being operable upon movement of said storage means and said member in one direction to admit gas from the storage means into said other means and being operable upon movement of said storage means and said member in the opposite direction to close off flow of gas from said storage means and through said member from said other means, said other means also including a pressure gauge and storage and compensating means, the storage and compensating means being sized to calibrate the gauge to indicate directly the quantity of gas admitted into said other means as a charge whereby the magnitude of the charge of gas admitted into said other means is indicated on said gauge, and means for controlling the discharge of gas to the needle, nozzle or the like whereby the administration of the charge of gas may be controlled.

2,059,501

PUNCH PRESS FOR CELL CASE MACHINES

Dan R. Vail, Evanston, Ill., assignor to Paper Partitions, Inc., Chicago, Ill., a corporation of Illinois

Application June 12, 1935, Serial No. 26,142
12 Claims. (Cl. 164—19)



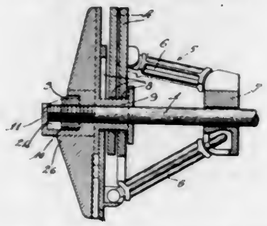
1. A punch press mechanism comprising a cutting knife having a sloping cutting edge, a female die for receiving said knife, means for moving said die over said knife for seating the knife in the die, and means to adjust the amount of movement for regulating the length of cut to be made by the knife.

2,059,502

EARTH ANCHOR CONSTRUCTION

August A. van Lantschoot, Fairfield, Iowa, assignor to Iowa Malleable Iron Company, Fairfield, Iowa, a corporation of Iowa

Application September 26, 1935, Serial No. 42,241
6 Claims. (Cl. 189—92)



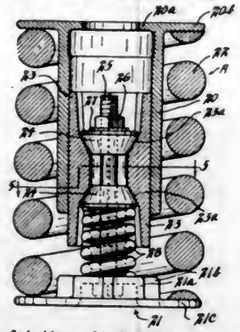
1. An earth anchor construction comprising a guy rod, earth-engaging anchorage means, and a nut, the entire earth-engaging anchorage means being carried by the rod and pushed into a hole by means of said rod, said anchorage means comprising an anchorage member having a pull-resisting portion having an opening therethrough, said nut being non-rotatably mounted underneath said pull-resisting portion and having a threaded opening in line with said first opening, said guy rod extending through said first opening and being threaded into said nut, said anchorage member having also an abutment portion extending underneath and engageable with the end of said rod whereby, when the rod is screwed into the nut as far as it will go, the nut will be drawn up snugly against said pull-resisting portion to hold said pull-resisting portion rigid with respect to said guy rod, the distance to which the guy rod is screwed into the nut is definitely determined, and in installation the entire anchorage means may be pushed into a hole by engagement of the end of the guy rod with said abutment portion.

2,059,503

SPRING FRICTION DEVICE

Edwin W. Webb, Chicago, Ill., assignor to Standard Car Truck Company, Chicago, Ill., a corporation of New Jersey

Application September 22, 1933, Serial No. 690,534
3 Claims. (Cl. 267—9)



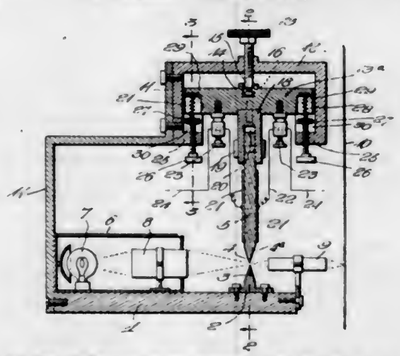
1. A spring friction device having in combination, a thimble open at one end, a head spaced outwardly from the open end of said thimble, a plurality of friction shoes having outer surfaces shaped to engage portions of the inner walls of said thimble, said friction shoes being assembled together within said thimble to form a many part shell bearing against the inner walls of said thimble, said shoes having upper and lower inwardly projecting wedging surfaces, upper and lower oppositely disposed wedges bearing against said respective wedging surfaces, a spring disposed between said lower wedge and said head, a spring encircling the major part of said thimble and reacting between said head and said thimble, and a longitudinally adjustable member projecting loosely through said head and extending through said upper and lower wedges, said member bearing at one end against said head and at its other end against said upper wedge.

2,059,504

APPARATUS AND METHOD FOR RECORDING SOUND ON FILM

Stewart C. Whitman, New York, N. Y.

Application December 6, 1932, Serial No. 645,996
13 Claims. (Cl. 88—61)



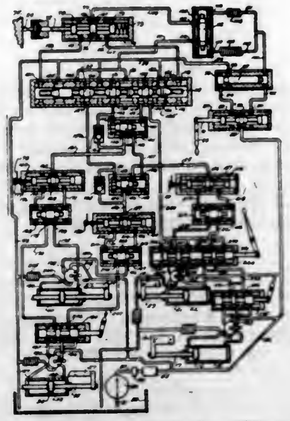
1. In an electro-mechanical light shutter, a fixed blade member, a piezo-electric crystal element having a blade portion complementary to and mounted to nearly touch said fixed blade member, said crystal element having two substantially parallel faces pointing in the direction of said blade portion thereof, the end of said crystal element remote from said blade portion being fixedly mounted with reference to said fixed blade member, and a pair of electrodes for respectively applying potential between said parallel faces of said crystal element, said crystal element being so cut that variations in potential applied between said parallel faces cause corresponding variations in the length of said crystal element between said fixed end and said blade portion thereof.

2,059,505

AUTOMATIC PATTERN CONTROLLED REPRODUCING MACHINE

Leigh W. Wright, Norwood, Ohio, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio, a corporation of Ohio

Application May 31, 1934, Serial No. 728,312
50 Claims. (Cl. 90—13.5)



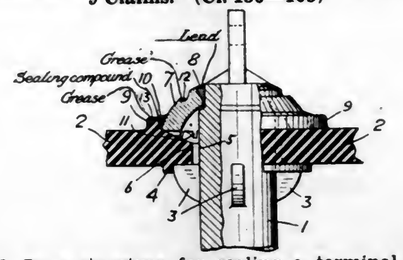
31. In a pattern controlled milling machine having a tracer slide, a cutter slide, a work slide and a pattern slide, the combination of an hydraulic control circuit for determining movement of the slides to cause reproduction of the pattern in the work including individual motors for the respective slides, a source of pressure, a distributor valve, means connecting the valve to said motors including a first channel for delivering fluid to the motors of the tracer slide and cutter slide to advance the same, a second channel for delivering fluid to the last named motors to retract the tracer and cutter slide, a third channel for delivering fluid to the pattern and work slide motors, means in each channel for proportioning the flow therein among the respectively connected motors whereby all relative movements between the cutter and work will be in predetermined proportion to all corresponding movements between the pattern and tracer whereby the pattern may be reproduced at any desired scale, a first reversing valve associated with the first pair of channels for selectively causing the cutter slide and tracer slide to advance and retract simultaneously relative to the work slide and pattern slide respectively; or one to advance and the other to retract simultaneously with respect to the work and pattern slides respectively; a second reversing valve associated with the third channel for selectively causing the work slide and pattern slide to move in the same direction relative to the cutter slide and tracer slide; or simultaneously in opposite directions with respect to their respective slides; a third reversing valve; and mechanism trip operable from the work slide for shifting said third reversing valve.

2,059,506

STORAGE BATTERY TERMINAL POST STRUCTURE

Cornelius Ambruster, Roslyn, Pa., assignor to The Electric Storage Battery Company, Philadelphia, Pa., a corporation of New Jersey

Application November 1, 1932, Serial No. 640,604
9 Claims. (Cl. 136—168)



1. In a structure for sealing a terminal post to the cover of a battery cell, a cover having an orifice therein, a metallic terminal post passing through and spaced from the walls of the orifice by a non-capillary space, lugs on the post beneath the cover contacting with and providing an interrupted bearing against the underside of the cover around the orifice, a metallic collar surrounding the post above the cover autogenously welded to the post and bearing directly upon the cover around the orifice, and sealing means between said collar and the cover comprising a sealing channel in the surface of the cover external to the collar and filled with sealing compound.

2,059,507

TUBE FOR NONRENEWABLE FUSES

Adias E. Blanchet, Mystic, Conn., assignor to Sonoco Products Company, Hartsville, S. C., a corporation of South Carolina

Application December 23, 1932, Serial No. 648,664
1 Claim. (Cl. 138—78)



A fuse tube formed of a strip of paper wound into tubular form and secured by adhesive material, said tube being coated inside and outside with moisture resistant dielectric material.

2,059,508

DEEP WELL PUMP

Roy L. Chenault, Pittsburgh, Pa., assignor to Gulf Research & Development Company, Pittsburgh, Pa., a corporation of Delaware

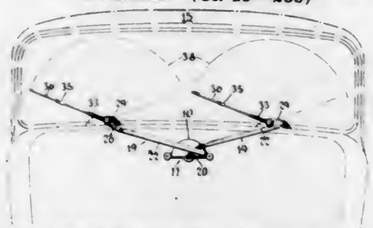
Application November 19, 1935, Serial No. 50,580
8 Claims. (Cl. 103—234)

1. A deep well pump comprising a tube string, a displacement chamber carried thereby to extend into the liquid in a well, a source of pneumatic pressure, a reciprocable eduction pipe, valve means actuated by reciprocation of the eduction pipe for alternately admitting liquid from the well to the displacement chamber while venting the same, and expelling such liquid therefrom under pneumatic pressure from said source, a sealing partition in said eduction pipe to limit the amount of liquid admitted in the successive reciprocations of such pipe, a by-pass around said partition and valve means actuated by reciprocation of said eduction pipe to close the by-pass while liquid from the well is being admitted to said displacement chamber and to

open the by-pass while liquid is being expelled from said displacement chamber, whereby the limited amount of liquid admitted to the displacement chamber in each reciprocation of said pipe may be expelled from the displacement chamber when under pressure of the pneumatic fluid from said source.



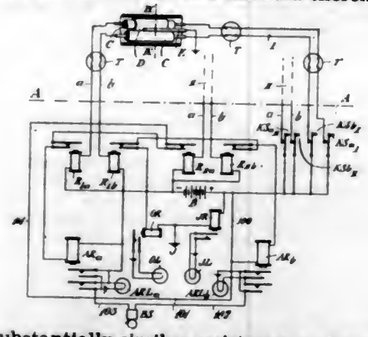
2,059,509
WINDSHIELD CLEANER
George Dykstra, Buffalo, N. Y., assignor to Trico Products Corporation, Buffalo, N. Y.
Application September 14, 1932, Serial No. 633,173
5 Claims. (Cl. 15—255)



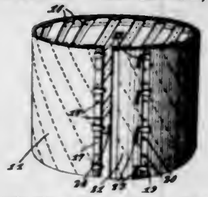
2. In a linkage structure for operating windshield wipers, a pair of angularly disposed oscillatably driven crank arms movable through predetermined overlapping arcs, means for rotatably supporting the crank arms about a common axis of oscillation, two wiper actuating devices including a second pair of crank arms for operating wiper elements and spaced on opposite sides of the pair of driven crank arms, means for rotatably supporting each arm of the second pair of crank arms, links pivotally connecting the driven crank arms to the second crank arms, the angular positions of the cranks with relation to the relative location of their several axes, and the relative lengths of the cranks and links being such that the ends of the arcs described by both pivotal connections of each link lie in substantially a straight line.

2,059,510
AUTOMATIC ALARM SYSTEM
Olof Ingemar Harald Ekman, Stockholm, Sweden
Application December 15, 1933, Serial No. 702,629
In Sweden December 1, 1932
29 Claims. (Cl. 177—355)

18. An automatic alarm system comprising, in combination, a source of electric current, a loop of two insulated conductors connected in parallel to said source of current, said conductors of a loop extending close together and parallel to each other, a current-breaker in each of said conductors placed in the locality to be watched over and responsive to the cause of danger to be avoided, a relay winding in each of said conductors, said conductors and all the devices inserted therein having substantially similar resistance and arrangement within said loop in relation to the poles of said source of current and similar points of said conductors being thus substantially equipotential, at least one contact adapted to be operated by said relay windings, and an alarm apparatus in a circuit through said contact releasable by the joint action of said relay windings.



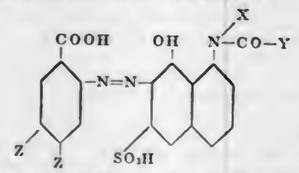
2,059,511
CAN COOLER
Tommie H. Engleman, Julesburg, Colo.
Application March 4, 1936, Serial No. 67,129
3 Claims. (Cl. 62—91)



1. A jacket of the character described comprising inner and outer textile sections, and absorbent strips carried on the inner face of the outer section and diagonally disposed in uniformly spaced relation to each other.

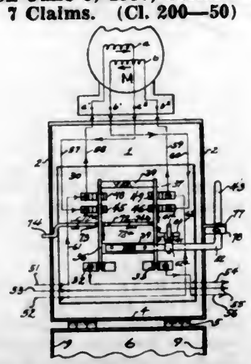
2,059,512
MONOAZODYESTUFFS
Richard Fleischhauer, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application June 14, 1935, Serial No. 26,699. In Germany June 26, 1934
4 Claims. (Cl. 260—92)

1. Monoazodyestuffs of the general formula:



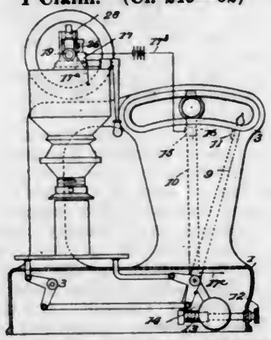
wherein X means a member of the group consisting of hydrogen and alkyl, Y a member of the group consisting of aliphatic and phenyl radicles, one Z stands for hydrogen and the other Z is selected from the group consisting of hydrogen, halogen, nitro and acylamino groups, which dyestuffs dye wool and silk pure scarlet to bluish red shades of a good levelling power and very good fastness to light.

2,059,513
SWITCHING DEVICE
Harrison J. L. Frank, Detroit, Mich., assignor to Bulldog Electric Products Company, Detroit, Mich., a corporation of West Virginia
Application June 9, 1930, Serial No. 460,061
7 Claims. (Cl. 200—50)



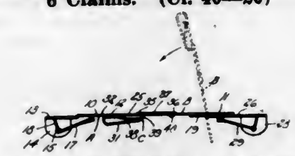
1. In a switch box having a movable cover, a switch having movable parts adapted to be moved from a service position to a meter test position, and vice versa, and means to prevent closing of said cover unless said switch has been moved from its meter test position to its service position, said means including a notched bar adapted to prevent movement of said switch from service position to meter test position except when said notch is in register with a movable part of said switch.

2,059,514
COMBINED GRINDING AND WEIGHING MACHINE
Dandolo Frediani, Sao Paulo, Brazil, assignor to Pedro Menten and Francisco Menten, Sao Paulo, Brazil
Application March 16, 1935, Serial No. 11,504
In Brazil April 28, 1934
1 Claim. (Cl. 249—62)



A combined grinding and weighing machine, including a grinder, a weighing platform below the delivery outlet of the grinder, an indicating element controlled by the platform for indicating the weight thereon, a manually operable element to be set at a predetermined weight and to be engaged by the indicating element when the predetermined weight has been reached, circuit switching means cooperatively controlled by said elements, a motor for operating the grinding machine, a clutch for controlling the power of the motor to the grinding machine, a member for shifting the clutch for disconnecting the motor, a latch to hold the shifting means to maintain motor drive, electrically operated means for releasing the latch, said means being in circuit with and controlled by the switch set by the indicating and manually operable elements, and means for manually releasing the latch at will.

2,059,515
BUCKLE FOR BELTS AND THE LIKE
John B. Freysinger, New Britain, Conn., assignor to North and Judd Manufacturing Company, New Britain, Conn., a corporation of Connecticut
Application October 6, 1934, Serial No. 747,205
6 Claims. (Cl. 40—20)



1. In an apparel buckle, a plate member having a body portion provided with an opening therethrough, a tongue integrally secured at one end to the plate and having a free end directed towards the opening within the plate, said tongue being spaced from and located rearwardly of the body portion, and an insignia member having a panel portion fitting in said opening and a laterally extending tongue located and compressed between said body portion and said first mentioned tongue.

2,059,516
BUCKLE
John B. Freysinger, New Britain, Conn., assignor to North & Judd Manufacturing Company, New Britain, Conn., a corporation of Connecticut
Application April 25, 1935, Serial No. 18,132
5 Claims. (Cl. 24—194)

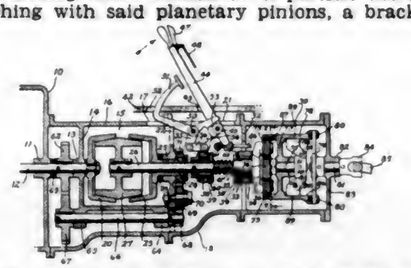


1. In a buckle of the character described, a rigid box-like casing having a base wall and a front wall converging towards the entrance end of the casing, said base wall having a cam fixed within and between the ends of said casing and provided with a surface inclined forwardly towards the front wall of the casing, a slide adapted to straddle said cam and having on its rear end a jaw adapted to force the belt against the front wall of the casing, and a roller on the forward end of said slide adapted to wedge the belt against the front wall of the casing.

2,059,517
TRANSMISSION
Elbert L. Friedlein, Baltimore, Md., assignor of one-third to John C. Blair, New York, N. Y., and George Crompton, Jr., Flushing, N. Y.
Application August 19, 1933, Serial No. 685,822
5 Claims. (Cl. 74—260)

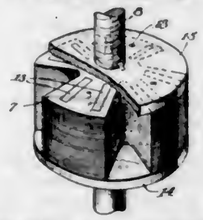
1. In a transmission mechanism, in combination, a drive shaft, a spider secured to said drive

shaft and carrying a plurality of planetary pinions, an intermediate shaft, a sun gear secured to said intermediate shaft and meshing with said planetary pinions, a driven shaft, a drum member secured to said driven shaft and adapted to rotate therewith, said drum member being rotatably mounted upon said intermediate shaft and having teeth formed on a portion thereof meshing with said planetary pinions, a bracket



member secured to said intermediate shaft and spaced from said sun gear, and a plurality of shoes pivoted on said bracket member about axes substantially at right angles to the axis of said intermediate shaft and adapted to swing outwardly under the impetus of centrifugal force to engage said drum member whereby an infinite number of gear ratios between said drive shaft and said driven shaft is achieved.

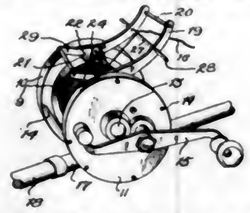
2,059,518
MAGNETO ROTOR
Thomas J. Harley, Chicago, Ill.
Application November 19, 1934, Serial No. 753,745
7 Claims. (Cl. 171—209)



1. A magneto rotor comprising a shaft; a laminated magnetic core enclosing said shaft adjacent the midportion thereof; a plurality of thin flat permanent magnets secured in contact with and magnetically linked to said core in radial spaced relation to said shaft; laminated pole pieces on said magnets; and means for securing said core, said magnets and said pole pieces in permanent assembled relation.

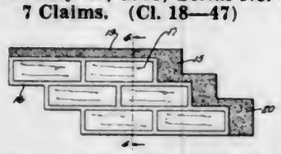
2,059,519
BRAKE FOR FISHING REELS
Louis A. Harris, Takoma Park, Md.
Application September 23, 1935, Serial No. 41,793
7 Claims. (Cl. 242—84.5)

1. In combination with a line reel of a brake attachment therefor, the reel having a rigid frame and a spool with end flanges revolubly mounted on said frame; said attachment comprising a rocker, a spindle secured in said frame parallel to the axis of the spool, the rocker being mounted to oscillate on said spindle, means for normally depressing one end of the rocker in braking contact with said spool and a guide member near the other end of said rocker for supporting the line when running off said spool; said rocker consisting of a pair of levers, cross connection for said levers spacing the levers apart correspondingly to the width between end flanges of said spool, and coacting sloping elements on said flanges and the levers respectively at the braking end of the rocker; said depressing means consisting of a spring coiled around said spindle, one end of the spring secured to the



rocker and the other end of the spring having adjustable connection with said spindle for regulating the spring resistance, said adjustable spring connection consisting of a bushing revolubly mounted on said spindle and provided with a plurality of notches for receiving said other end of the spring, and a set screw to firmly secure the bushing in adjusted position on said spindle.

2,059,520
BUILDING MATERIAL AND PROCESS OF MAKING THE SAME
Norman P. Harshberger, Scarsdale, N. Y., assignor to Bakelite Building Products Co. Inc., New York, N. Y., a corporation of Delaware
Application May 23, 1933, Serial No. 672,410
7 Claims. (Cl. 18—47)

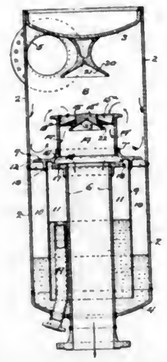


3. In a method of making formed material and the like, the steps which comprise charging material into a deformable mold, applying pressure to the material and applying pressure to the mold in the same direction to cause pressure against the material in a second direction by deformation of the mold, releasing the pressure and permitting the mold to break contact with the material.

2,059,521
MULTISTAGE CENTRIFUGAL SEPARATION
Charles Gilbert Hawley, Cleveland, Ohio, assignor to Centrifix Corporation, Cleveland, Ohio, a corporation of Ohio
Application June 13, 1932, Serial No. 617,028
Renewed March 30, 1936
13 Claims. (Cl. 183—80)

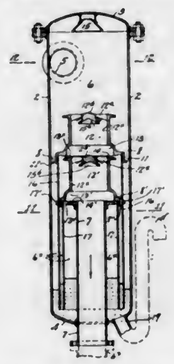
9. A multi-stage centrifugal separator of the non-rotative type comprising a primary separating drum, in combination with a secondary separating chamber of smaller diameter, positioned therein coaxial therewith and forming the main fluid outlet thereof, said primary chamber having a fluid inlet adapted to cause the fluid to move vortex'ally therein, said secondary chamber having a fluid inlet leading from the central part of the primary chamber and adapted to cause the fluid to move vortexially within the secondary chamber, means dividing the lower part of said drum into inner and outer reception spaces, said primary chamber having at a point distant from said inlet a peripheral discharge slot for the ejection of separated substances into the

outer reception space, said secondary separating chamber containing a peripheral discharge slot for the ejection of the separated substances into



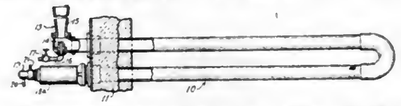
the inner reception space, a central fluid outlet pipe leading from said secondary chamber and through a wall of the drum, and means for emptying said spaces.

2,059,522
PETROLEUM REFINEMENT AND THE LIKE
Charles Gilbert Hawley, Chicago, Ill., assignor to Centrifix Corporation, Cleveland, Ohio, a corporation of Ohio
Application June 13, 1933, Serial No. 675,635
1 Claim. (Cl. 196—93)



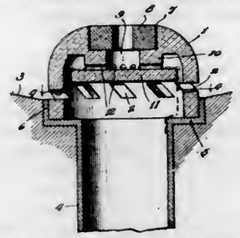
The herein described multi-stage improvement in the art of fractionation, which consists in continuously heating supplied liquid, releasing the hot liquid and accompanying vapor in a vapor release zone and permitting the vaporization of that residue of liquid which will vaporize at the ruling temperature and pressure, employing and directing the progressive force of the evolved vapor to centrifugally separate therefrom unvaporized liquid and discharging the separated liquid, again employing the residual force of the progressing vapor while still within said vapor release zone to centrifugally separate from and within the central portion of the body of initially evolved vapor a residue of unvaporized liquid and discharging that liquid, thereby conserving heat and maintaining the temperature of the total of cleansed vapor, and, then subjecting the cleansed vapor to progressive condensation or fractionation.

2,059,523
HEATING APPARATUS
William M. Hepburn, Ottawa Hills, and Theodore W. Munford, Toledo, Ohio, assignors to Surface Combustion Corporation, Toledo, Ohio, a corporation of New York
Application January 22, 1936, Serial No. 60,304
6 Claims. (Cl. 126—91)



1. The combination with a radiator tube for producing heat in furnace chambers and the like, of means for utilizing initially non-gaseous fuel for firing said tube comprising: a chamber wherethrough said fuel is flowed for gasification by partial combustion, draft producing means at the outlet end of said tube for inducing air to enter the inlet end thereof, and a conduit for conducting the gases of said partial combustion to a point well within the inlet end of said tube, the inlet end of said tube and the walls of said conduit being so arranged for air flow whereby the interior of said tube beyond said conduit is openly exposed to the inflow of air independently of said conduit and chamber.

2,059,524
DEODORANT AND DISINFECTANT HOLDER
Harry William Hoffman, Buffalo, N. Y.
Application June 19, 1934, Serial No. 731,372
6 Claims. (Cl. 4—109)



1. A device for the purpose set forth comprising a dome-like body having an open recess in its top to encircle and support a cake of chemical and provided with an outlet in the bottom of said recess, means in the body under said outlet for deflecting streams flowing from the chemical, and means for admitting flushing water to the body to commingle with the chemical streams.

2,059,525
STUDIO EASEL
August C. Huelsdonk, Seattle, Wash.
Application June 3, 1935, Serial No. 24,646
3 Claims. (Cl. 248—195)

3. A studio easel comprising a quadrilateral base embodying means whereby the base adjusts itself to uneven surfaces, said means consisting of a pair of spaced apart side members, a thick transverse central member interposed between the central portions of the side members and pivotally connected thereto by pivot pins extending horizontally through the side members and into the ends of the thick transverse central member, an upright standard having its lower end fixed to the center of the thick transverse central member, a thin transverse end member having its ends pivotally and loosely connected to the end portions of the side mem-

bers for universal flexible movement, a stiffening member secured to the bottom of said thin transverse end member and having its ends beveled away from the side members, and a brace



having its lower end pivotally connected to the center of said thin transverse end member and its upper end slidably connected to the upright standard.

2,059,526

PRODUCTION OF MOLDING RESINS

Kenneth M. Irey, Ridgefield Park, N. J., and Lloyd C. Swallen, Terre Haute, Ind., assignors to Resinox Corporation, New York, N. Y., a corporation of Delaware

No Drawing. Application July 13, 1933, Serial No. 680,230

9 Claims. (Cl. 260—4)

1. In a process of producing a quick curing infusible molding resin, the step which comprises reacting a mixture comprising essentially, as major components, bis-[hydroxy-aryl]-dialkyl methane and bis-[hydroxy-aryl]-dialkyl methane—ketone condensation product with in excess of 0.6 mol. of an aldehyde per mol. of phenolic body reacted in producing said mixture of bis-[hydroxy-aryl]-dialkyl methane and bis-[hydroxy-aryl]-dialkyl methane—ketone condensation product.

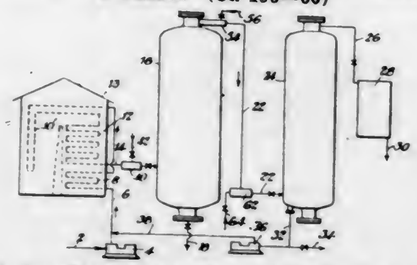
2,059,527

PETROLEUM CONVERSION

William Kaplan, Lynbrook, N. Y., assignor to Doherty Research Company, New York, N. Y., a corporation of Delaware

Application April 1, 1935, Serial No. 14,006

8 Claims. (Cl. 196—60)



1. An oil cracking apparatus comprising a pipe still furnace for heating and cracking oil, means including a transfer line for conducting the highly heated oil products from the pipe still to fractional condensing equipment, means in said transfer line for suddenly chilling the highly heated oil products passing therethrough, said chilling means including a cooling medium supply line and a spray nozzle adapted to spray cooling medium into the transfer line, and means including heat insulation for preventing the transfer of heat from the portion of the line on the high temperature side of said spray nozzle to the portion of the line on the cool side of the spray nozzle.

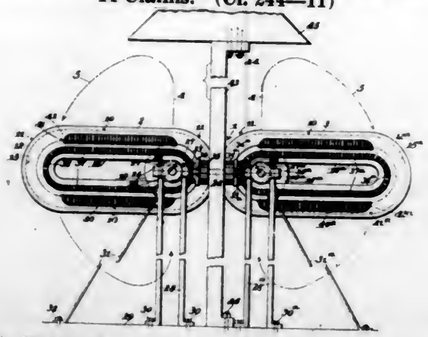
2,059,528

REVOLVING WING AIRCRAFT

Herman Klatt, Pueblo, Colo.

Application October 10, 1934, Serial No. 747,771

14 Claims. (Cl. 244—11)



1. In an aircraft having a wing member consisting of a plurality of separate members, said members combining to constitute the sustaining surface; means for moving said members on oppositely arcuate paths and then along parallel rectilinear paths, and anti-slamming means to diminish the shock upon the change from arcuate to rectilinear motion, said anti-slamming means being independent of said moving means and comprising driver pinions, and straight rack sections carried by the members going into mesh with the pinions at the beginning of the rectilinear motion.

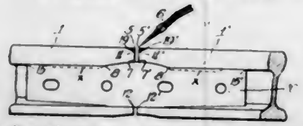
2,059,529

REPAIR OF RAIL JOINTS IN TRACK

George Langford, Joliet, Ill., assignor to McKenna Process Company of Illinois, Joliet, Ill., a corporation of Illinois

Application August 10, 1933, Serial No. 684,527

2 Claims. (Cl. 238—164)



2. The herein described method of repairing in track a worn rail joint in which the rail ends are worn and drooped, the same consisting in first positioning in the fishing spaces a splice bar provided with a straight undeformed bottom surface overlying the rail flanges and a top surface having a central projecting crown shaped to register with the wear depressions at the undersides of the rail heads after the raising of the drooped ends, the said bar being of less fishing height toward its end portions than at the ends of said crown leaving an initial clearance of such portions from the rail heads, said clearance being of an extent approximately equal to the amount of the wear at the upper sides of the ends of the rail flanges, applying an initial bolting pressure on the bar thereby to cause the drooped rail ends to rise on said crown, next finally tightening the bolts causing a further rise of the rail ends on the crown until arrested by the engagement of the end portions of the bar with the rail heads and the engagement of the rail flange ends with the center bottom portion of the bar whereby the top surfaces of the rails are returned into substantial alignment, and then welding metal onto the top corners of the rail ends to restore the original level surface.

2,059,530

BROOM AND METHOD OF MAKING THE SAME

Harry J. Lay, Portland, Ind.

Application December 21, 1935, Serial No. 55,643

7 Claims. (Cl. 300—21)



1. The method of making brooms which consists in assembling bundles of fibers to form a broom having a tapered head, coating the head with adhesive material, fitting a hollow member having a compression ring thereon over the adhesive covered end of the head and subsequently deforming the ring to force the tubular member in engagement with the adhesive covered portion of the head.

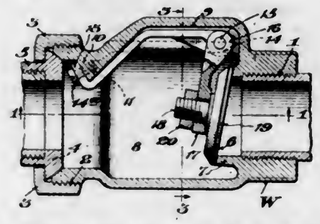
2,059,531

COMBINED PIPE UNION AND CHECK VALVE

Fred R. Long, Catawissa, Pa.

Application September 18, 1935, Serial No. 41,145

7 Claims. (Cl. 251—123)



7. A combined pipe union and check valve including a one piece hollow body open at opposite ends and having a valve seat at one open end, and a valve unit insertible and removable from the open end opposite the valve seat, said unit including a bracket normally extending along one interior wall of the body and pivotally supporting a valve at one end for cooperating with said valve seat, and means for releasably connecting the end of the bracket opposite the valve to the hollow body.

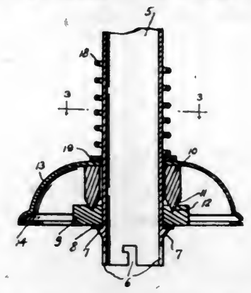
2,059,532

DRAIN CLEANER

Ernest A. Nagel, Meadville, Pa.

Application March 7, 1936, Serial No. 67,714

3 Claims. (Cl. 4—256)



1. A sink drain cleaner comprising a tube insertable in the drain, said tube having means for detachably anchoring said tube in the drain, a gasket encircling the tube and engageable with the bottom of the sink, said gasket having a substantially V-shaped annular groove in its upper face, a sleeve slidably encircling the tube and including a substantially beveled lower end engaged in the groove, a coil spring mounted on the tube for yieldingly forcing the sleeve and the gasket downwardly, and means for connecting the tube to a source of water supply.

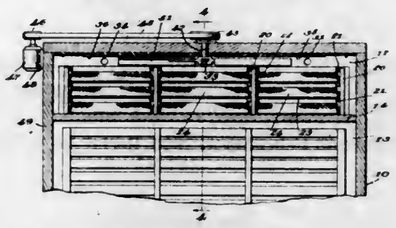
2,059,533

HATCHING COMPARTMENT FOR AN INCUBATOR

Ray M. Petersime, Gettysburg, Ohio

Application May 6, 1935, Serial No. 20,081

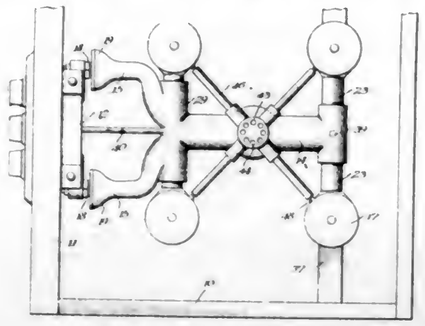
3 Claims. (Cl. 119—37)



1. In an incubator, a hatching compartment included therein, an insulating board secured to the underface of the top of the hatching compartment, an electrical heating means carried by the underface of the board and extending substantially over the surface of the top, an agitator located below and adjacent to the heating means, means on the top of the hatching compartment for causing rotation of the agitator, some of the walls of the hatching compartment being provided with a series of openings connecting the interior of the hatching compartment with the atmosphere, said openings lying in a horizontal plane just below the undersurface of the insulating board and in a plane passing through the agitator, and a plurality of spaced trays below the revolving agitator, the agitator creating a pulsating movement of the air within the hatching compartment so that air is not only caused

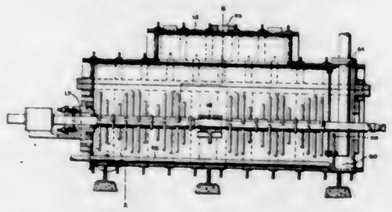
to move downwardly through the trays but some of the air is discharged to the atmosphere and fresh air is drawn into said compartment.

2,059,534
GAS RANGE STRUCTURE
Best Pratt and George F. Weinreich, Chicago, Ill., assignors to Brake Equipment & Supply Company, Chicago, Ill., a corporation of Illinois
Application December 24, 1934, Serial No. 759,122
4 Claims. (Cl. 158—104)



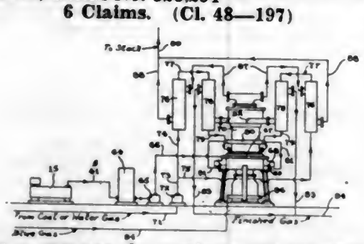
1. As an article of manufacture, a fuel mixing structure for gas ranges comprising an element having a plurality of non-communicating passages therein, each passage including an inlet and an outlet, the inlets of the passages being respectively spaced in one plane to define the corners of a rectangular planar area and to fit upon the nozzles of a gas supply manifold, the outlets of the passages being spaced in a plane at right angles to the first plane to support range burners at the corners of a substantially rectangular planar area, and pilot burner flame tubes projecting from a point between said passages toward the corners of the last-named rectangular area.

2,059,535
COMPOUND INCLUDING HYDROCARBON
Robert H. Russell, Cleveland, Ohio, assignor to Gas Fuel Corporation, New York, N. Y., a corporation of Delaware
Application February 4, 1930, Serial No. 425,857
5 Claims. (Cl. 44—9)



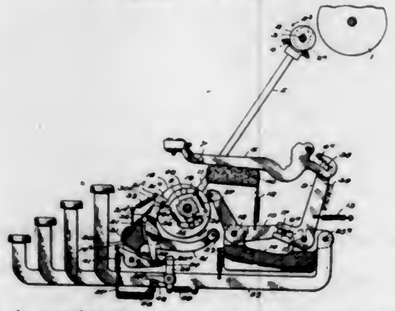
1. A process of producing a substantially permanent emulsified compound comprising mixing and thoroughly beating an aqueous liquid, a heavy hydrocarbon liquid and a gas under superatmospheric pressure, and continuing the beating for a sufficient length of time to form an emulsified compound substantially permanent in character and one in which the components do not tend to separate.

2,059,536
PROCESS FOR PRODUCING GAS FROM EMULSIFIED MIXTURES
Robert H. Russell, Cleveland, Ohio, assignor to Gas Fuel Corporation, New York, N. Y., a corporation of Delaware
Original application February 4, 1930, Serial No. 425,857. Divided and this application March 25, 1931, Serial No. 525,294
6 Claims. (Cl. 48—197)



1. In a process for making oil gas from an emulsified mixture comprising an aqueous liquid, low grade and high specific gravity hydrocarbons and a gas under superatmospheric pressure, substantially permanent in character and in which the components do not tend to separate, the steps of admixing said mixture with a highly heated gas, atomizing said admixture into a heating zone, and subjecting said admixture in said zone to sufficient heat to convert the admixture into a fixed gas.

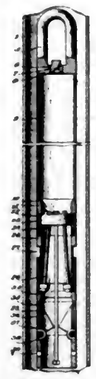
2,059,537
POWER-DRIVEN TYPEWRITING MACHINE
Andreas Salzberger and Richard Baumgarten, Erfurt, Germany, assignors to Europa Schreibmaschinen A. G., Erfurt, Germany
Application August 19, 1935, Serial No. 36,894
In Germany April 13, 1933
11 Claims. (Cl. 197—17)



1. A mechanism for obtaining noise-dampened imprints of the type-levers of a power-driven type writing machine comprising in combination with the type-levers a power-driven rotating device adapted to lift the selected type-lever, a paper-roller against which said levers are pressed, and means arranged before said rotating device, adapted to take hold of the type-lever just being actuated at the end of its stroke and to press it against said roller, said means rotating continually during the entire type-lever movement and being in positive operative connection with the power-driven rotating device.

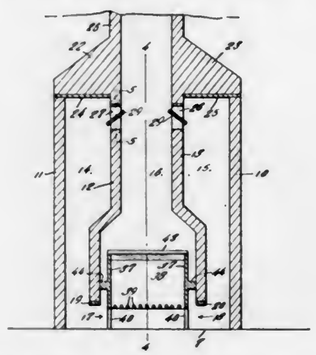
2,059,538
HYDROSTATIC SAND PUMP
Elgan S. Sloan, Shippenville, Pa.
Application October 23, 1934, Serial No. 749,665
12 Claims. (Cl. 166—19)

1. A pump comprising a load chamber, a valve which is diametrically smaller than the bore of the load chamber hence perfectly loose with respect thereto so that it can float within said



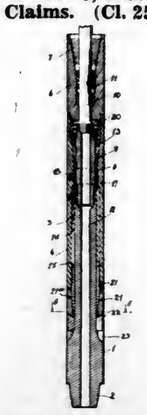
chamber and enable a gravity discharge of the load, and releasable means by which to initially hold said valve in a closing position with respect to the entrance to said chamber.

2,059,539
FIREPLACE HEATER
Henry Edgar Smith, Shawneetown, Ill.
Application June 10, 1935, Serial No. 25,867
4 Claims. (Cl. 126—121)



1. A fireplace heater comprising a masonry structure formed with front, rear and end walls resting on the floor of the building in which the heater is constructed, spaced partition walls bridging the space between the front and rear walls dividing the masonry structure into lateral heat chambers, and an intermediate flue, said partition walls terminating at the bottom in spaced relation to the floor to provide passages between the bottom of the flue and the bottom of the heat chambers, said partition walls at the top of the heat chambers formed with valve controlled openings providing a communication between the heat chambers and the flue, said masonry structure further formed with a pair of outside valve controlled openings one above the other in each heat chamber, the front wall of the masonry structure formed with an opening communicating with the bottom of the flue, and a fire grate mounted in the opening at the bottom of the flue.

2,059,540
OIL WELL JAR
Jack F. Stephan, Los Angeles, Calif.
Application December 5, 1930, Serial No. 500,271
26 Claims. (Cl. 255—27)



1. A jarring tool comprising a mandrel, a bowl extending over the mandrel, coupling means on the bowl to which the drill pipe is adapted to be secured, coupling means on the lower end of the mandrel, a friction head on the mandrel, a slip seated in the bowl and adapted to releasably engage the friction head, and manual means to adjust said slip whereby the grip of the slip on the friction head is varied.

2,059,541
JELLY PREPARATIONS AND METHOD OF PREPARING JELLIES
Donald R. Thompson, Ontario, and Glenn H. Joseph, Corona, Calif., assignors to California Fruit Growers Exchange, Los Angeles, Calif., a corporation of California
No Drawing. Application September 24, 1934, Serial No. 745,288
25 Claims. (Cl. 99—132)

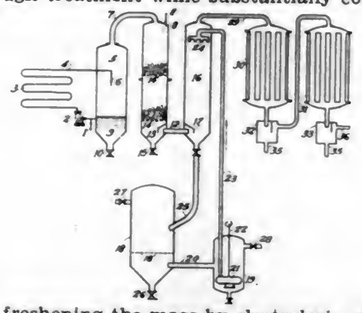
8. In a method of making jelly batches for confectioners' products, the steps of forming a cooked batch containing about 75 per cent solids and containing the equivalent of 100 parts of 100 grade pectin, 20 to 25 parts of a salt of a strong base and a weak acid, not more than about 4000 parts of sugar or its equivalent, and a sufficient amount of acid to give a tart taste, whereby said batch can be poured and will set slowly to a firm, smooth-textured, tart gel.

22. A pectin preparation suitable for use in confectioners' jelly batches containing about 75% of solids and high in acid constituents, comprising: dry pectin, sodium acetate in the proportion of about 15 to 25 parts of crystalline sodium acetate to 100 parts of 100 grade pectin or its equivalent, and from about 5% to 50% of lactose by weight of the pectin.

2,059,542
PROCESS FOR TREATING OILS
Justin F. Wait, New York, N. Y.
Application April 4, 1933, Serial No. 664,382
11 Claims. (Cl. 204—9)

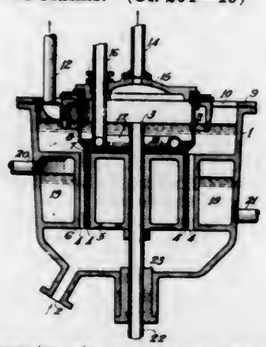
1. The process of refining oil of petroleum containing heavy constituents and a portion alterable by alkali metal which comprises flowing the oil through a pipe still while controlling the pressure to vaporize substantially all of the oil at about 400° C., separating formed vapors with

some cracked portions from non-evaporated oil, flowing the vapors through a zone of contact with a molten mass comprised largely of an alkali compound and alkali metal, causing motion of the molten mass and the oil vapors so as to insure thorough treatment while substantially continu-



ously freshening the mass by electrolysis of portions thereof, so altering and removing alterable portions and promoting rearrangement and formation of some light hydrocarbons, removing light hydrocarbons and so forming purified oil of lubricating range.

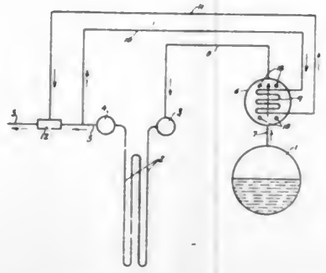
2,059,543
APPARATUS FOR FUSIONS
Justin F. Wait, New York, N. Y.
Application April 11, 1933, Serial No. 665,560
24 Claims. (Cl. 204—19)



1. In apparatus for producing and treating metal released by electrolysis of fused metallic compound the combination of electrodes spaced a short distance apart and forming therebetween an upwardly disposed channel and closely defining and limiting the electrolytic decomposition zone therebetween, positive means for flowing the compound through the zone at a rate in excess of decomposition, a reaction zone comprised of a separate chamber located beyond the electrolytic decomposition zone and close thereto, means for quickly passing the electrolyzed compound from the electrolytic decomposition zone to the reaction zone and means for introducing a reacting substance which will react with a product of the electrolytic decomposition zone into the reaction zone.

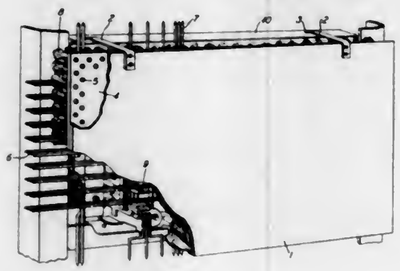
2.059.544
STEAM PURIFICATION
John Edwin Wood, London, England, assignor to The Superheater Company, New York, N. Y.
Application June 3, 1936, Serial No. 83,329
In Great Britain April 29, 1935
3 Claims. (Cl. 122—459)

1. Apparatus for purifying steam generated in the boiler of a steam generating and superheating installation comprising, in combination, means defining a path for saturated steam flow from the boiler to the superheater, an assembly of closely spaced tubes disposed in said path, a conduit to carry steam away from the superheater outlet, a connection from the conduit to



the inlet of said assembly, a connection from the outlet of said assembly to the conduit at a point more remote from the superheater outlet than said first connection, and means to induce steam flow through the said assembly and the two connections.

2,059,545
DUST COVER
Charles Borgmann, Great Neck, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 24, 1935, Serial No. 23,177
3 Claims. (Cl. 179—184)

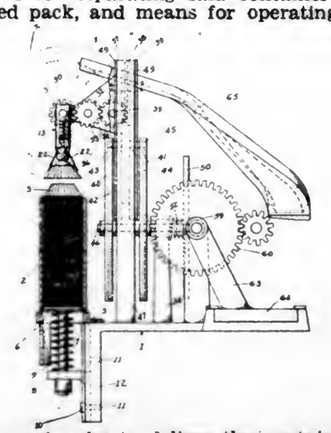


1. A dust cover for electrical apparatus comprising a back member and flexible sides adapted to imbed projecting structural members extending to said apparatus when said sides enclose said apparatus.

2,059,546
MEANS FOR SEPARATING AND DELIVERING CONTAINERS
Clyde S. Brandenburg, Chicago, Ill.
Application May 14, 1932, Serial No. 611,336
20 Claims. (Cl. 214—8.5)

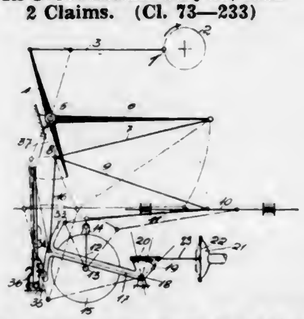
1. A mechanism for separating and delivering containers packed in inverted nested relation, comprising a pick-up mechanism including a member for causing an initial sliding movement between an outermost container and the pack

and means for separating said container from the nested pack, and means for operating said



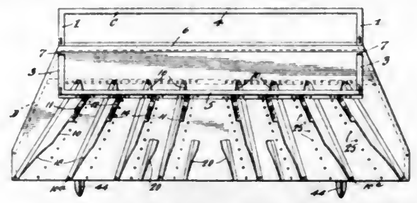
mechanism whereby to deliver the container in upright position.

2,059,547
MEANS FOR DRIVING THE COUNTING MECHANISM OF GAS METERS
Hans Brandl, Vienna, Austria, assignor to the firm Compagnie pour la Fabrication des Compteurs et Materiel d'Usines à Gaz, Montrouge, France
Application July 14, 1932, Serial No. 622,470
In Great Britain July 23, 1931
2 Claims. (Cl. 73—233)



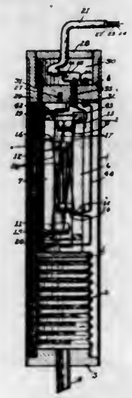
1. A gas meter, comprising a rocking lever-and-link-system containing a rocking lever, two links forming together a variable angle, and a reciprocating member, one end of the said links being connected to the said rocking lever and one end of the other link being connected to the said reciprocating member, these two links being movable relatively to the rocking lever of the system by moving the vertex point of the angle formed by them, a driving mechanism for a counting device, the said reciprocating member being connected to the said driving mechanism, this driving mechanism comprising means for transforming the reciprocating movement into a rotating movement, devices responsive to physical conditions of the gas to be measured, means for connecting movable parts of these devices to the vertex point of the said two links, a periodically acting braking mechanism acting on a part of the said connecting means between the said devices responsive to the physical conditions of the gas and the vertex joint of the said links, this braking mechanism permitting the said devices to influence the two links only when the said lever-and-link-system is at one end of its rocking movement.

2,059,548
GRAVITY SAND AND GRAVEL SPREADER
Woody E. Broome, Myton, Utah
Application December 26, 1933, Serial No. 703,947
4 Claims. (Cl. 275—14)



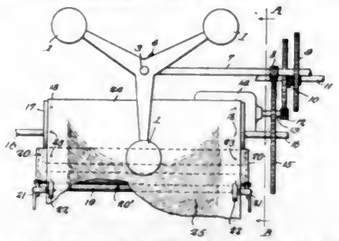
1. In a device for spreading gravel from dump trucks, the combination of a plate having one end adapted to fit onto the rear end of the dump truck and with the opposite edge of said plate wider to spread the gravel a greater width than the width of the truck body; means to support said plate from said truck body; spreader vanes secured to said plate with the upper ends of the vanes secured to the plate near the truck body and the lower ends diverging and secured to the wider edge of said plate; and spreader pins secured to said plate between said vanes to aid in distributing the gravel.

2,059,549
ELECTRIC PRESSURE METER
Roy W. Carlson, Berkeley, Calif.
Application October 16, 1933, Serial No. 693,761
5 Claims. (Cl. 177—351)



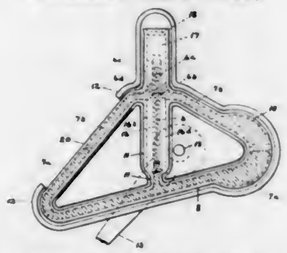
1. A fluid pressure measuring device comprising in combination, a first base, an elastic bellows attached by one end to said base, a tube connecting the inside of the bellows with the fluid pressure to be measured, a closure for the free end of said bellows, a rod attached thereto and extending parallel to the axis of the bellows, a second base in spaced relation to said first base, a second rod parallel to the first rod supported on said second base, a first and a second spool on each of said rods, a first wire coil encircling both the first of said spools, a second wire coil encircling both the second of said spools and means to apply an initial tension to said wires whereby relative linear movement of said rods will increase the tension of the wire in one coil and decrease the tension of the wire in the other coil and a casing extending between said bases and surrounding said bellows and rod assemblies.

2,059,550
PROCESS AND APPARATUS FOR THE REPRODUCTION AND RECORDING OF SOUNDS
Gaston Champion, Buenos Aires, Argentina
Application July 24, 1933, Serial No. 681,993
5 Claims. (Cl. 179—100.3)



1. In apparatus of the class described, a record element having sound tracks extending transversely thereon and curved in the direction of the length thereof; a series of pick-ups each of which being equipped with a phctoelectric cell and arranged to move in succession through the said sound tracks in a curve lying in a plane parallel to that of said record, electrical sound translating means continuously conductively connected with said pick-ups and actuating means for said record element and said series of pick-ups, the radius of each curved sound track of the record element being identical with that of the curved path of movement of the pick-ups and the actuating means for the record element and the series of pick-ups being of such speed as to cause each pick-up in succession to enter one of the sound tracks immediately after its predecessors moves out of the preceeding sound track.

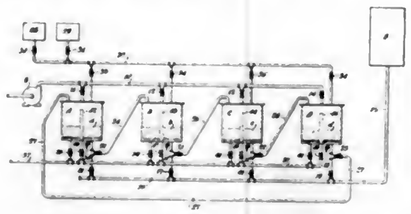
2,059,551
INCLINOMETER
Emil Christensen, Portland, Oreg.
Application November 20, 1934, Serial No. 753,878
5 Claims. (Cl. 33—209)



1. A fluid type inclinometer defined in part as a triangular tubular element, comprising an indicator tube, an oppositely disposed tubular reservoir portion, a bisector tube, an apex forming communication means between the tops of the named members, said communication means being formed to provide oppositely disposed ports, and a double acting surge valve mounted for movement to control the ports under the influence of surge of contained fluid.

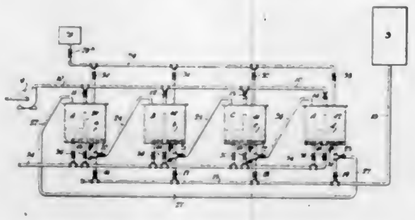
2,059,552
SOFTENING WATER
Harry V. Churchill, New Kensington, Pa.
Application October 2, 1933, Serial No. 691,758
14 Claims. (Cl. 210—16)

1. A method of treating water to decrease its content of a dissolved hardness-forming compound and decrease the total dissolved solid con-



tent of the water, comprising bringing the water into adsorbing contact with a bed the major portion of which consists of activated alumina.

2,059,553
REMOVAL OF FLUORINE FROM WATER
Harry V. Churchill, New Kensington, Pa.
Application October 2, 1933, Serial No. 691,759
12 Claims. (Cl. 210—16)



1. A method of removing fluorine from water comprising exposing the water to activated alumina for adsorption of fluorine, in the presence of alkali metal ions.

2,059,554
METHOD OF MAKING BOTTLE CLOSURES
Benno Cohn, Brooklyn, N. Y., assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y., a corporation of New York
Application August 7, 1933, Serial No. 684,012
10 Claims. (Cl. 113—80)



1. The herein described method of making bottle closures comprising the following steps in continuing succession: the application of a cementing medium which becomes tacky and hardens or sets under heat to a metal shell, the deposit within the shell upon said medium of a sealing gasket, the placing on the exposed face of the gasket of a facing disk having on the side thereof presented toward the gasket, a plastic binding medium which becomes tacky and hardens or sets under heat, and thereafter applying continuing heat and pressure through said facing disk and said gasket to the cementing medium between said gasket and said shell and the binding medium between said facing disk and said gasket until said cementing medium and said binding medium have set.

2,059,555
ALLOYS
Michael George Corson, New York, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc., a corporation of New York
No Drawing. Application November 6, 1933, Serial No. 696,918
3 Claims. (Cl. 75—154)

1. A hot workable copper-base alloy containing from 3 to 10% tin, from .5 to 10% chromium, the remainder substantially all copper.

2,059,556
COPPER-BASE ALLOYS
Michael G. Corson, New York, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc., a corporation of New York
No Drawing. Application April 25, 1935, Serial No. 18,163
3 Claims. (Cl. 75—154)

1. Copper-base alloy which can be forged and rolled at elevated temperatures and which has substantially the composition: 3% to 10% tin; 0.5% to 10% chromium; a substantial amount not over 10% iron; and the remainder substantially all copper.

2,059,557
COPPER-BASE ALLOYS
Michael George Corson, New York, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc., a corporation of New York
No Drawing. Application March 17, 1936, Serial No. 69,361
3 Claims. (Cl. 75—154)

1. A hot workable copper-base alloy containing about 3% to 10% tin, about 0.2% to 10% of mixtures of chromium and vanadium, which impart hot workability to the alloy, and the remainder substantially all copper.

2,059,558
COPPER-BASE ALLOYS CONTAINING CHROMIUM AND IRON
Michael George Corson, New York, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc., a corporation of New York
No Drawing. Application March 17, 1936, Serial No. 69,362
2 Claims. (Cl. 75—154)

1. A hot workable copper-base alloy containing about 3% to 10% tin, about 0.2% to 10% mixtures of chromium and vanadium, about 0.2% to 10% iron, and the remainder substantially all copper.

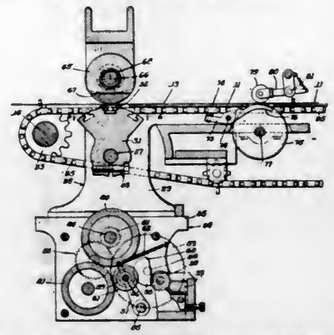
2,059,559
COPPER-BASE ALLOYS CONTAINING VANADIUM AND IRON
Michael George Corson, New York, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc., a corporation of New York
No Drawing. Application March 17, 1936, Serial No. 69,363
2 Claims. (Cl. 75—154)

1. A hot workable copper-base alloy containing about 3% to 10% tin, about 0.2% to 10% vanadium, about 0.2% to 10% iron, and the remainder substantially all copper.

2,059,560
COPPER-BASE ALLOYS CONTAINING VANADIUM
Michael George Corson, New York, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc., a corporation of New York
No Drawing. Application March 17, 1936, Serial No. 69,364
2 Claims. (Cl. 75—154)

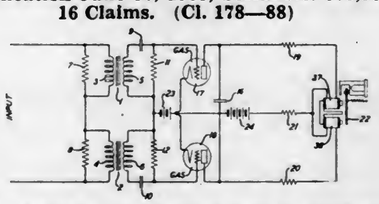
1. A hot workable copper-base alloy containing about 3% to 10% tin, about 0.2% to 10% vanadium which imparts hot workability to the alloy, and the remainder substantially all copper.

2,059,561
PRINTING DEVICE FOR ENVELOPE MACHINES
Harold G. Cowan, Edward R. Lake, and Stanley B. Urbanowitz, Chicago, Ill., assignors to American Envelope Company, Chicago, Ill., a corporation of Illinois
Application April 21, 1932, Serial No. 606,538
6 Claims. (Cl. 101—233)



1. In a printing device of the class described comprising a stationary shaft, an eccentric carried by the shaft, a platen supported by the eccentric and normally supported in non-printing position, means for rotating the platen in respect to said shaft, a gear carried by the shaft for shifting the position of the eccentric, a rotatable cam, a cam follower, a segment meshing with the gear, linkage connecting the segment and follower whereby the segment will turn the gear a part turn to move the platen to printing position, and means for returning the platen to non-printing position.

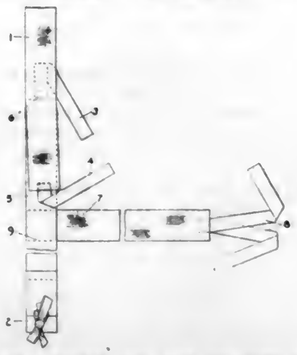
2,059,562
GAS-FILLED TUBE TELEGRAPH RELAY CIRCUIT
Austen M. Curtis, East Orange, N. J., and Edward M. Boardman, New York, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 30, 1933, Serial No. 678,364
16 Claims. (Cl. 178—88)



1. A telegraph relay comprising a plurality of electrostatically controlled gas discharge tubes,

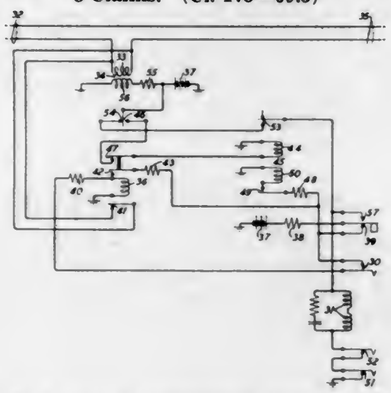
input and output circuits connected to said tubes, a plurality of input transformers connected in said input circuits, and means connected to said transformers to prevent currents from said tubes from saturating said transformers.

2,059,563
BABY'S SLEEPING HARNESS
Helen M. Donoghue, Portland, Oreg.
Application March 22, 1935, Serial No. 12,419
2 Claims. (Cl. 128—134)



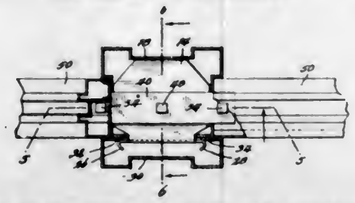
1. A baby harness for the purpose specified, comprising a cross strap, means to secure the same to the foot of a bed, two ankle straps overlying the respective ends of the cross strap and secured thereto along a line transverse to the cross strap and ankle straps, and between the ends of the latter, and means to secure the ankle straps in loop form about the baby's ankles.

2,059,564
STARTING SYSTEM
Andrew D. Dowd, Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 3, 1934, Serial No. 713,826
8 Claims. (Cl. 178—69.5)



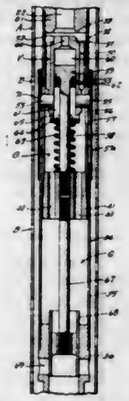
1. In a picture transmission system, means to produce unidirectional current from alternating carrier current, a clutch magnet to effect the movement of a scanning device when energized, a first relay arranged to be energized by said unidirectional current, a second relay controlling the energization of said first relay, a third relay controlling the energization of said clutch magnet, a first clutch magnet contact closed when said clutch magnet is deenergized, a second clutch magnet contact closed when said clutch magnet is energized, means to temporarily energize said second relay through said first clutch magnet contact to effect energization of said first relay, a contact on said second relay closed when the relay is energized to energize said third relay through a contact on said first relay closed when said first relay is energized, a locking winding on said third relay energized through said first clutch magnet contact, a locking contact on said second relay closing a circuit for said second relay also through said first clutch magnet contact, means to deenergize said first relay independently of said second relay to complete the energizing circuit for the clutch magnet under control of said third relay, and means to energize said clutch magnet over a circuit including said second clutch magnet contact.

2,059,565
METAL PARTITION
Arthur S. Driver, New York, N. Y., assignor to Partitions, Inc., New York, N. Y., a corporation of New York
Application November 10, 1931, Serial No. 574,138
15 Claims. (Cl. 189—34)



10. A hollow metal partition post containing a post-contour maintaining plate fixed to the post walls, said plate being provided with an opening for securing cooperation with a rail support and having a pilaster-securing projection extending therefrom.

2,059,566
WELL CLEANING DEVICE
Victor F. Ehrgott, Los Angeles, Calif., assignor to John Grant, Los Angeles, Calif.
Application February 12, 1935, Serial No. 6,157
19 Claims. (Cl. 166—19)

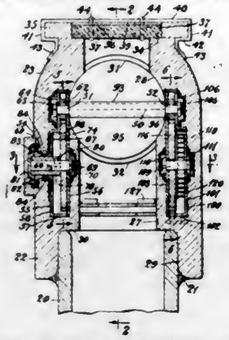


1. In a well-cleaning device, a body having a low-pressure chamber with an inlet, a movable closure for the inlet, a cylinder carried by the closure, and a piston carried by the body and entered in the cylinder bore.

2,059,567
PREVENTION OF SLUDGE FORMATION IN LUBRICATING OILS
Elliott Alfred Evans, London, England, assignor to C. C. Wakefield & Company Limited, London, England, a British company
No Drawing. Application November 22, 1934, Serial No. 754,283. In Great Britain December 30, 1933
3 Claims. (Cl. 87—9)

1. A lubricant comprising a mineral lubricating oil having dispersed therein material amounts up to .4% chromium oleate, up to .1% tin oleate and up to .1% tetra-ethyl lead.

2,059,568
NONREFILLABLE BOTTLE WITH A DETECTOR AND AN IMPELLER
Charles Fall, Montclair, N. J.
Application March 29, 1935, Serial No. 13,619
6 Claims. (Cl. 215—14)



1. In a bottle having a fluid therein the combination of a neck having an outlet duct, a propeller positioned in said duct and journaled to said neck, said propeller turning with the impact of a fluid poured from the bottle, a detector pin revolving with the revolutions of the propeller and a detector arm in the path of the detector pin to stop the same, after revolving through a predetermined arc when the fluid of the bottle has been poured therefrom.

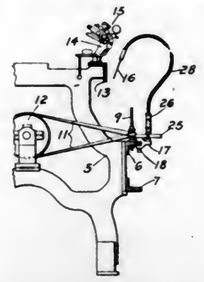
2,059,569
MANUFACTURE OF HYDROGEN PEROXIDE
George W. Filson, Kenmore, N. Y., and James H. Walton, Madison, Wis., assignors of one-third to William S. Pritchard, Mount Vernon, N. Y.
No Drawing. Application April 13, 1933, Serial No. 665,952
15 Claims. (Cl. 23—207)

1. A method of producing hydrogen peroxide which comprises oxidizing an autoxidizable organic compound which at least yields hydrogen peroxide upon oxidation and which is dissolved in a solvent in which hydrogen peroxide is insoluble, and in which solvent the other oxidation product of said reaction is soluble, and separating the hydrogen peroxide from the solution.

2,059,570
PROCESS FOR SOFTENING WATER AND DISSOLVING CALCIUM SALTS
Augustus H. Fiske, Warren, and Charles S. Bryan, Providence, R. I., assignors to Rumford Chemical Works, Rumford, R. I.
No Drawing. Application December 7, 1934, Serial No. 756,459
6 Claims. (Cl. 210—23)

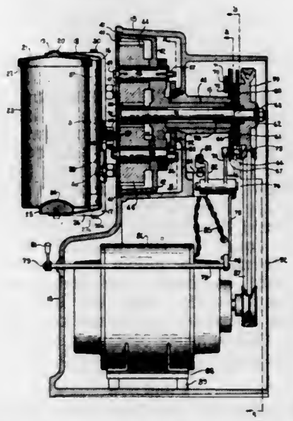
1. A process which comprises adding to hard water a water soluble salt of tetraphosphoric acid, $H_6P_4O_{13}$, so as to combine with an alkali earth metal to prevent the deposition of an alkali earth metal compound therein.

2,059,571
ROLLER PICKING MACHINE FOR SPINNING FRAMES
Samuel A. Floyd, Columbus, Ga., assignor of one-half to Walker R. Flournoy, Columbus, Ga.
Application August 7, 1935, Serial No. 35,027
6 Claims. (Cl. 118—19)



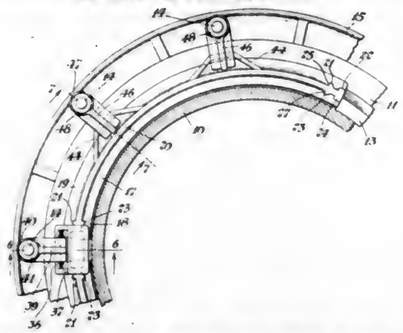
1. A portable power take-off for cleaning devices of spinning frames having flexible drive elements for the spindles, comprising a power take-off pulley, means to mount said pulley for rotation about a vertical axis above the spinning frame rail and in position to contact a flexible drive element for the spinning spindles, a flexible shaft driven by said pulley, and a cleaning needle driven by said shaft.

2,059,572
BEVERAGE MIXING APPARATUS
Louis W. G. Flynt, East Orange, N. J., assignor to Sefco, Inc., Newark, N. J.
Application August 22, 1934, Serial No. 740,860
12 Claims. (Cl. 259—72)



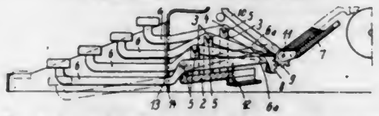
1. A holding device for a beverage mixing apparatus comprising a pair of complementary gripping members, means for producing a tension between the gripping members, a rack on one gripping member, a rockable shaft on the other gripping member, a pinion secured on the shaft in mesh with the rack and means for rocking the shaft.

2,059,573
PIPE CLAMP
Beauford E. Gavin, Indianapolis, Ind., assignor, by mesne assignments, to S. R. Dresser Manufacturing Company, Bradford, Pa., a corporation of Pennsylvania
Application May 11, 1932, Serial No. 610,533
18 Claims. (Cl. 285—119)



18. A pipe joint clamp comprising a bull ring, a clamping ring including a plurality of disengaged arcuate sections, detachable means engaging the ends of a pair of said sections for rigidly securing said sections together in any of a plurality of predetermined relations to vary the size of the ring and for retaining the parts in assembled relation, and clamping means including bolts for tying said bull ring and said connecting means together.

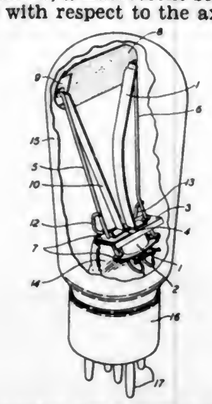
2,059,574
KEY LEVER MOUNTING FOR TYPEWRITING MACHINES
Walter Gebauer, Dresden, Germany, assignor to the firm A. G. Vorm-Seidel & Naumann, Dresden, Germany
Application August 27, 1934, Serial No. 741,592
In Germany August 29, 1933
4 Claims. (Cl. 197—22)



1. In a type lever writing machine, in combination a base plate, a plurality of key levers of unequal length and disposed in rows in various horizontal planes, type levers adapted to be operated by said key levers, a bearing for said type levers inclined at an acute angle to a horizontal plane, bearing means for said key levers supported by said base-plate and disposed in rows in number equal to the number of key-rows, each row forming a curve conforming to the curve of said inclined type-lever bearing, the bearing points for the short key levers being the highest and those for the long key levers being the lowest, the heights of the bearing points in each row increasing from the center outwards.

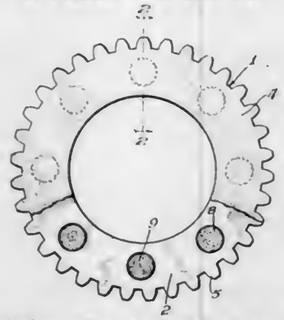
2,059,575
ELECTRONIC INDICATING DEVICE
William T. Gibson and Donald H. Black, Aldwych, London, England, assignors to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application February 28, 1934, Serial No. 713,282
In Great Britain March 29, 1933
10 Claims. (Cl. 250—27.5)

1. A cathode ray discharge device comprising an enclosing vessel having a stem, a unitary structure including an electron gun having a perforated anode, a fluorescent screen positioned at an angle with respect to the axis of said gun,



and means joining the elements into a unit, and means supporting said unitary structure at an angle on said stem to view said screen through the side wall of said vessel.

2,059,576
REENFORCED CLUTCH RING
John A. Glick, Milford, Conn., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn., a corporation of New Jersey
Application February 27, 1935, Serial No. 8,500
10 Claims. (Cl. 192—107)

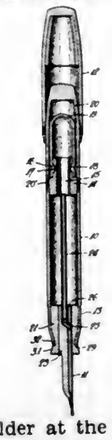


1. A friction ring comprising a reenforcing plate provided with a plurality of apertures, plugs insertable in said apertures, and imperforated friction facings positioned upon opposite faces of said plate and adhesively united to said plugs.

2,059,577
FOUNTAIN PEN
Benjamin W. Hanle, Elizabeth, N. J., assignor to Eagle Pencil Company, a corporation of Delaware
Application April 28, 1934, Serial No. 722,852
1 Claim. (Cl. 120—52)

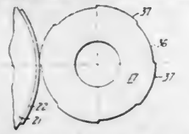
A fountain pen of the sacless type comprising a unitary barrel of ornamental celluloid tube stock, a neck section of hard rubber presenting a body of outer diameter substantially that of the bore of said barrel, said body reduced in diameter toward its forward end in frustro-conical form and enlarged at its forward extremity to present a shoulder, the barrel section embracing said neck section, said barrel section being molded inward about said neck section to form a fluid tight joint, the thickness of the wall of said barrel

section increasing with decrease of diameter toward the forward end and coming into abutment



with said shoulder at the portion of maximum thickness.

2,059,578
METHOD OF AND APPARATUS FOR FORMING SPIRAL PIPES
Bruno W. Henning, San Francisco, Calif.
Application March 28, 1932, Serial No. 601,622
14 Claims. (Cl. 153—54)



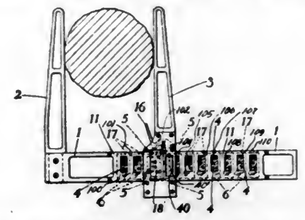
14. The method of forming a cylindrical body from a sheet which comprises successively confining a portion of said sheet to form a partial spiral, releasing the confined portion of said sheet when formed, and advancing said sheet while released in a direction parallel to the axis of the spiral.

2,059,579
PRODUCTION OF SULPHUR DYES
Raymond W. Hess, Buffalo, N. Y., assignor to National Aniline & Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application September 25, 1929, Serial No. 395,205
18 Claims. (Cl. 260—21)

1. A process for the production of sulphur dyes which comprises heating a nitrophenol body with an alkali metal sulphide until preliminary reaction takes place, then mixing therewith a higher alkali metal polysulphide to increase the sulphur content of the reaction mass, and heating until reaction is completed.

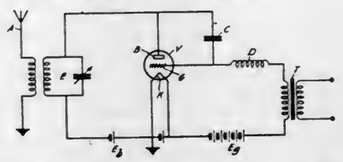
2,059,580
TREE CALIPER
Robert James Hinson, London, England
Application August 23, 1935, Serial No. 37,593
In Great Britain June 2, 1934
4 Claims. (Cl. 235—1)

1. In a registering tree caliper device, the combination of a rod-like member, a plurality of independent counters carried side by side at measured intervals along said rod-like member, a movable arm extending at right angles to said rod-like member, and having one end portion slidably mounted thereon, said arm being adapted to be moved into position against a tree, and a pair of parallel plungers carried by said arm, positioned to actuate said counters when alined therewith by sliding movement of said arm, either of the same being operable to actuate any of said counters when alined therewith, said arm having an opening therethrough through which the counters passed over by said arm, as it moves



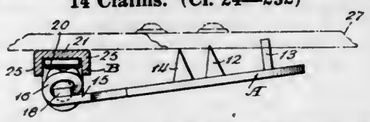
into adjusted position, may be seen, and also having an identifying mark adjacent to said opening, whereby the position of said mark relative to adjacent counters may be noted, when said arm is in adjusted position, and either of said plungers then moved into alinement with the nearest counter and operated, in accordance with the position of said mark relative to said counters.

2,059,581
RECEIVING CIRCUIT
Hans Erich Hollmann, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application April 6, 1934, Serial No. 719,285
In Germany April 6, 1933
9 Claims. (Cl. 250—27)



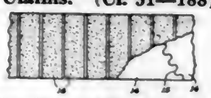
1. Radio receiving apparatus for ultra short wave work comprising a retarding field tube having a cathode, a grid electrode and a retarding electrode, a condenser interconnected between the grid and the retarding electrode, and a parallel wire system, the cathode being inserted into one parallel wire and the retarding electrode and the grid being inserted into the other parallel wire.

2,059,582
FINDING FOR A CLASP
Alexander Hurewitz, New York, N. Y.
Application January 24, 1934, Serial No. 708,036
14 Claims. (Cl. 24—252)



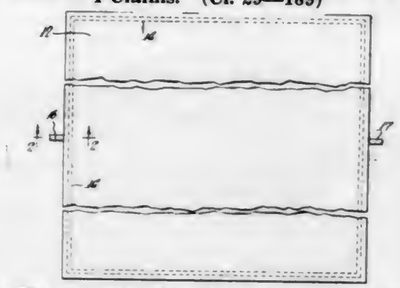
5. A clasp comprising a box-like mounting containing a flat leaf spring, and a base member to which said mounting is pivotally connected, said member having a return bent round portion with an embossment engaged by said spring, and further having outside integral pivot-carrying arms.

2,059,583
ABRASIVE BELT
Ralph H. Jackson and Henry P. Kirchner, Niagara Falls, N. Y., assignors to The Carborundum Company, Niagara Falls, N. Y., a corporation of Pennsylvania
Application May 21, 1934, Serial No. 726,647
6 Claims. (Cl. 51—188)



1. An abrasive belt comprising a suitable liner with a surface thereof substantially covered by a plurality of segments of abrasive coated fabric intimately united thereto, the abrasive surface of the belt formed by said segments being longitudinally discontinuous, whereby any longitudinal line on the surface of the belt crosses several junctures between segments.

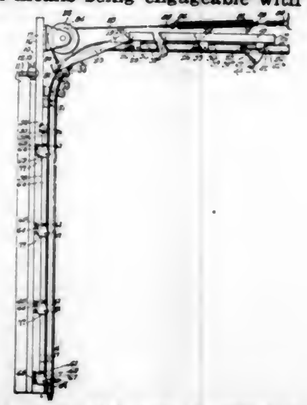
2,059,584
PROCESS OF MAKING COMPOSITE METAL
Wallace C. Johnson, Orange, N. J., assignor to The Plykrome Corporation, New York, N. Y., a corporation of Delaware
Application July 12, 1935, Serial No. 30,981
4 Claims. (Cl. 29—189)



4. The process of making a composite metal having a corrosion resistant surface, which includes the steps of assembling in superposed relationship a metallic backing slab and a plate of corrosion resistant material, removing the air from between them by the application of a suction, delivering an inert gas between the plate and slab, and applying heat and pressure to weld together the contacting surfaces of the plate and slab.

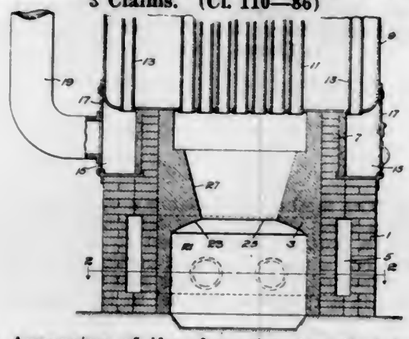
2,059,585
ROLLING DOOR MECHANISM
Harry G. Kelly, Omaha, Nebr.
Application February 27, 1932, Serial No. 595,507
9 Claims. (Cl. 20—20)

1. A building having a door opening, tracks at each lateral side of said opening and extending normal thereto above said opening, a door for said opening and carried by said track, said door being adapted to be aligned with said opening, and a door closing mechanism comprising a roller for engaging said track, a bracket attached to said door and providing a stop edge, a link hingedly connected to said bracket and providing a journal for said roller, and a spring urging said door and link to swing together whereby said door is urged toward said track, said stop edge, when said door is not in aligned position with said opening being disposed to abut said link to preclude said door from coming into contact with said track under the urge of said spring, and a plurality of cam means pivoted about an axis which bears a fixed relation to the door opening, said cam means being engageable with the door



whereby to urge said door horizontally forward against the door opening.

2,059,586
COMBUSTION APPARATUS
Dwight F. Kilgour, Lexington, Mass.
Application September 9, 1931, Serial No. 561,872
3 Claims. (Cl. 110—86)



1. Apparatus of the character described having, in combination, a fire-pot, a relatively long upwardly relatively slowly flaring flue of relatively large cross-sectional area for conducting combustion products from said fire-pot, and means for delivering mixed air and fuel to said fire-pot transversely and eccentrically thereof to cause a whirling of the combustion products therein about its axis prior to delivery to said flue, said flaring flue communicating with said fire-pot through an opening formed in the fire-pot roof of sufficiently short length axially thereof to permit substantially immediate spreading of the whirling products of combustion as they enter said flue.

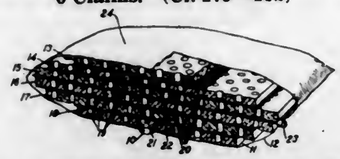
2,059,587
OSCILLATION GENERATOR
Ernst Klotz and Hans Otto Roosenstein, Berlin, Germany, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application February 9, 1934, Serial No. 710,416
In Germany February 8, 1933
2 Claims. (Cl. 250—36)

1. In combination, an electron discharge device having an anode, cathode, and a control electrode, an input circuit comprising a first inductance coil connected to said control electrode and an output circuit comprising second and third coils serially connected to said anode, an oscillatory circuit comprising fourth and fifth coils, a capacitance and a non-linear conductor all connected in parallel with respect to one another, a utilization circuit having an input circuit including sixth and seventh coils serially connected together, said sixth coil being coupled to said second coil in the output circuit of said electron



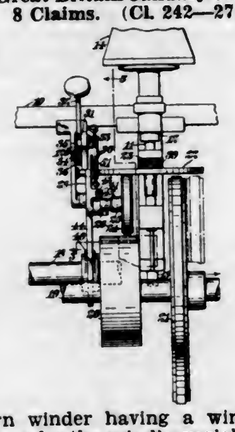
discharge device, and said seventh coil being coupled to said fourth coil in said oscillatory circuit and to said third coil in said output circuit, means to couple said input and output circuits of said electron discharge device together, said means including an inductance which is coupled to said fifth coil of said oscillatory circuit.

2,059,588
ACOUSTIC DEVICE
John J. Kuhn, Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application October 12, 1933, Serial No. 693,260
6 Claims. (Cl. 179—182)



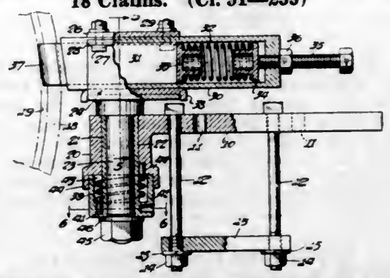
1. An acoustic device comprising a telephone receiver, an envelope for said receiver, and means within said envelope constituting a yielding, cushioning member, so that a user may comfortably rest his head on said envelope, said means having a plurality of air passages extending through the member from one surface to another, and a plurality of other air passages extending at an angle to said first mentioned passages.

2,059,589
YARN WINDING MACHINE
Leslie Herbert Leedham, Leicester, England, assignor to Wildt and Company Limited, Leicester, England, a British company
Application January 10, 1934, Serial No. 706,055
In Great Britain January 30, 1933
8 Claims. (Cl. 242—27)



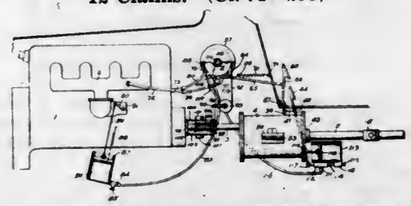
1. A yarn winder having a winding spindle, driving means for the spindle, variable speed driving connections between the spindle and the driving means, means for continuously shifting said variable driving connections to alternately increase and decrease the speed of the spindle, a separate slow substantially uniform speed driving connection between the spindle and the driving means, and means for selectively coupling either of said connections to the spindle and the driving means.

2,059,590
CAR WHEEL GRINDING DEVICE
Henry A. Leonhauser, Baltimore, Md., assignor to The Carborundum Company, Niagara Falls, N. Y., a corporation of Pennsylvania
Application April 5, 1934, Serial No. 719,198
18 Claims. (Cl. 51—255)



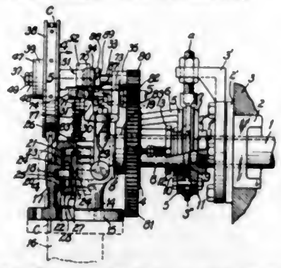
1. Means for dressing the wheels of a car truck while the truck is in service, comprising a supporting bracket equipped with means for clamping the same upon a truck frame, means rotatably mounted upon said bracket and carrying an abrasive element, spring means engaging said abrasive element for protruding the same into engagement with a wheel, and torsion spring means urging the abrasive element toward the inner side of the wheel.

2,059,591
AUTOMATIC VARIABLE GEAR RATIO TRANSMISSION
Pilade Leoni, New York, N. Y.
Application July 11, 1934, Serial No. 734,633
12 Claims. (Cl. 74—293)



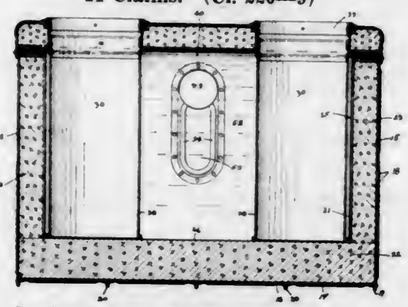
1. In a variable gear ratio transmission, in combination, a driving member, a driven member, a gear on said driving member, a gear in mesh with the gear on said driving member mounted on a shaft, a plurality of planetary gears on said second mentioned gear, a pair of oppositely disposed identical gears in mesh with said planetary gears, one of said gears being fixed on said driven member and the other gear being loosely mounted on the shaft of said second mentioned gear, a gear mounted for rotation with said loosely mounted gear and being of larger diameter than said loosely mounted gear but of smaller diameter than said second mentioned gear and a second gear mounted on said driving member and adapted to be moved into mesh with the gear mounted for rotation with said loosely mounted gear, said second gear on the driving member being of larger diameter than the first mentioned gear on the driving member.

2,059,592
BOILER CLEANER
Frederick W. Linaker, St. Louis, Mo.
Application May 28, 1936, Serial No. 82,181
6 Claims. (Cl. 122—392)



5. A boiler cleaner having a rotatable blower tube, and a valve for admitting steam thereto, means for opening said valve, means for locking the valve in open position, means for rotating the blower tube effective thereon only after having locked the valve in open position, means for unlocking said valve effective after said rotation of the blower tube, and means for closing said valve.

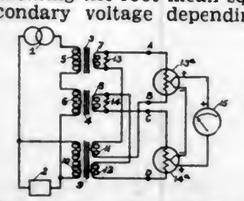
2,059,593
REFRIGERATING APPARATUS
Hubert R. Loranger, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware
Application May 27, 1929, Serial No. 366,118
Renewed May 7, 1935
11 Claims. (Cl. 220—9)



1. An ice cream cabinet comprising a lower containing portion including inner metallic walls forming a receptacle, outer metal walls spaced from the inner walls and forming an outer container, insulating material in the space between said walls, a unitary removable top wall structure for said lower containing portion, said unitary top wall structure including an outer metal wall and insulating material fastened to the outer metal wall, said top wall structure being provided with a plurality of service openings extending therethrough, and means independent of the top wall structure for insulating and preventing heat transfer between said unitary top wall structure and said lower containing portion of the cabinet.

2,059,594
ELECTRICAL MEASURING INSTRUMENT
Ernest A. Massa, Jr., Haddon Heights, N. J., assignor of fifty-five per cent to Frank Massa, West Collingswood, N. J.
Application April 2, 1935, Serial No. 14,195
9 Claims. (Cl. 171—34)

5. A universal multi-range alternating current meter for measuring either voltage, a current or power comprising a pair of binding posts to be connected as an ammeter in an A. C. circuit and a pair of binding posts to be connected as a voltmeter in the same circuit, the ammeter terminals connected in series with a pair of identical variable ratio current transformers through a tapped switch and the voltmeter terminals connected to a variable ratio voltage transformer with two identical secondary windings through another tapped switch, a switching arrangement whereby either a current transformer secondary or a single voltage transformer secondary can be connected across a circuit capable of indicating the root mean square value of either secondary voltage depending on the



position of the switch, and a third switch position which causes a secondary of the voltage transformer to be placed in series aiding with the secondary of a current transformer and the combination across a circuit capable of producing a D. C. voltage proportional to the average square of the sum of the two components and the other two secondaries are at the same time connected in series opposing across a similar circuit capable of producing a D. C. voltage proportional to the average square of the difference of the two components while simultaneously the said third switch position causes a D. C. meter to be connected to show the difference between the two D. C. voltages.

2,059,595
MEAT CUTTING MACHINE
John F. McKeage, Montrose, Pa., assignor to McKeage Machinery Co., Montrose, Pa., a corporation of Pennsylvania
Application March 26, 1935, Serial No. 13,018
2 Claims. (Cl. 143—162)

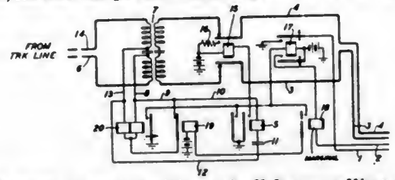


1. In a meat cutting machine of the band-saw type, the combination with the effective course of the saw thereof of a guide means comprising a bifurcate guide-body, an axle pin supported by and across said guide-body, a thrust roller rotatable on said axle pin with which the back edge of the saw is engageable, a pair of guide disks mounted for free rotation on said axle pin respectively at opposite sides of said thrust-roller with their side face portions respectively engaging opposite sides of the saw passing therebetween with wiping effect.

2,059,596
TELEPHONE CALL DISTRIBUTING SYSTEM
John Meszar, Bogota, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application November 30, 1934, Serial No. 755,340
10 Claims. (Cl. 179—27)

1. In a call distributing system, calling lines, a plurality of primary cross-bar switches terminating said lines, a plurality of secondary cross-bar switches, link circuits extending between said primary and secondary switches and so arranged

that each primary switch has a link circuit extending to each secondary switch, a plurality of operators' positions, a switchboard circuit extending from each secondary switch to each position, means for predetermining the order in which



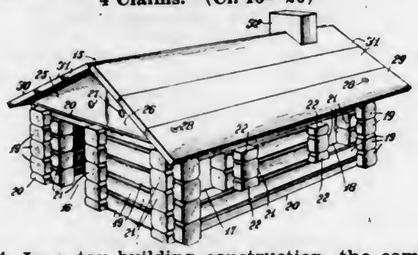
idle ones of said positions shall have calling lines extended thereto and means for preventing any one of said positions from having a second line extended thereto until each of the remaining idle positions have been assigned in the predetermined order.

2,059,597
BACK REST
Kinji Okano, Yanagawa-Shinden, Wakamatsu-Mura, Kashima-Gun, Ibaraki-Ken, Japan, assignor to Kabushiki Kaisha L. Leybold Shokwan, Tokyo, Japan, a corporation of Japan, and Heitaro Kobayashi, Choshi-City, Japan
Application June 22, 1935, Serial No. 27,952
1 Claim. (Cl. 155—182)



A back rest comprising a four-sided frame in which two opposite sides are disposed at an angle with respect to each other and are substantially longer than the other two opposite sides, substantially U-shaped ribs extending transversely across said frame and secured at their ends to the longer sides of said frame and all disposed on the same side of said frame, the adjacent ends of the longer sides being bent to offset the shorter sides substantially from the plane of the longer sides and in the direction of said ribs, and back-supporting means secured to said frame around the latter and being concave in the direction of said ribs and as determined by the configuration and construction of said frame, as specified.

2,059,598
TOY BUILDING CONSTRUCTION
Nils I. Paulson, Chicago, Ill., assignor to Halsam Products Company, Chicago, Ill., a corporation of Illinois
Application October 31, 1935, Serial No. 47,585
4 Claims. (Cl. 46—20)



4. In a toy building construction, the combination of a plurality of simulated log members notched at their ends and adapted to be built up in crossed interfitting relationship to form the body of a toy cabin, two triangular gable end members arranged end to end at opposite sides of the cabin at each end, horizontal pins connecting the triangular members at each side of the cabin for holding them in operative position, and simulated plank pieces mounted on said triangular members providing a roof enclosure for the cabin.

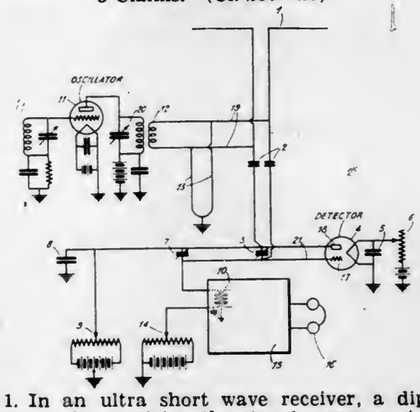
2,059,599
SOIL CONDITIONER
Charles Peter, Salt Lake City, Utah
No Drawing. Application November 22, 1933, Serial No. 699,196
1 Claim. (Cl. 71—24)

A soil conditioner, consisting of coal ground to pass a screen of approximately 40 to 70 mesh and roasted at a temperature approximately between 300 degrees and 400 degrees Fahr.

2,059,600
SOIL CONDITIONER
Charles Peter, Salt Lake City, Utah
No Drawing. Original application November 22, 1933, Serial No. 699,196. Divided and this application March 24, 1936, Serial No. 70,703
1 Claim. (Cl. 71—24)

A soil conditioner, consisting of coal ground to pass a screen of approximately 40 to 70 mesh, and rock salt ground to pass a screen of approximately 120 mesh, the mixture having been roasted at a temperature approximately between 300 degrees and 400 degrees Fahrenheit.

2,059,601
ULTRASHORT WAVE RECEIVING SYSTEM
Harold O. Peterson and Ralph W. George, Riverhead, N. Y., assignors to Radio Corporation of America, a corporation of Delaware
Application February 1, 1935, Serial No. 4,472
3 Claims. (Cl. 250—20)



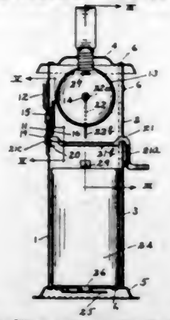
1. In an ultra short wave receiver, a dipole antenna for receiving the signal waves, a stable heterodyne oscillator for generating oscillations, to beat with the incoming signal waves coupled to said antenna, and an ultra high frequency non-oscillating detector for receiving the signal waves and heterodyne oscillations and for producing an intermediate frequency, said detector comprising a tube having a grid, anode and cathode, adjustable means for maintaining said grid at a high positive potential and said anode at a much lower potential relative to said cathode, a

pair of wires extending from said grid and anode to said means, connections from the arms of said dipole to said pair of wires, a variable condenser across said wires for tuning the ultra high frequency circuit including said wires to the frequency of the incoming signal waves, an intermediate frequency amplifier and detector circuit coupled to that one of said wires which is connected to said grid, and a condenser having one plate connected to ground and another plate connected to that wire which is connected to said anode.

2,059,602
TOY GASOLINE PUMP

William J. Pflaum, West View, Pa.

Application February 13, 1936, Serial No. 63,723
6 Claims. (Cl. 46—1)

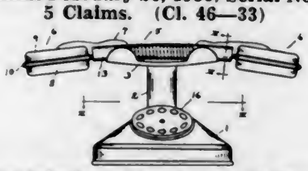


1. A toy gasoline pump including a housing, a gong, a dial, an index rotatable relatively to said dial, means rotatable for effecting said relative rotation, said means including a rotary crank element and an eccentric element, and means cooperating with said eccentric element for intermittently sounding said gong in predetermined coordination with the rotation of said index relatively to said dial.

2,059,603
TOY TELEPHONE

William J. Pflaum, West View, Pa.

Application February 26, 1936, Serial No. 65,821
5 Claims. (Cl. 46—33)



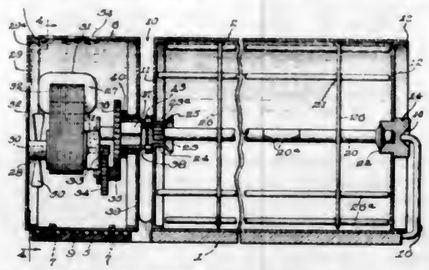
1. A toy telephone structure including a base, a head-piece, and means for supporting said head-piece on the base, said head-piece including a handle and two diaphragms adapted to be mechanically interconnected by a flexible line, at least one of said diaphragm members being removable from assembly with said handle, whereby the two diaphragms may be moved apart to sustain said line for the mechanical transmission of sound-producing waves.

2,059,604
CONFECTION FREEZER

Louis A. M. Phelan, Chicago, Ill., and Lawrence E. Koch, Beloit, Wis.; said Koch assignor to said Phelan

Application March 26, 1934, Serial No. 717,358
3 Claims. (Cl. 259—110)

1. A freezer unit of the character described comprising a tubular mix chamber housing closed at one end and open at the other end, a removable cover for said open end, a removable rotary agitator in said mix chamber, a tubular motor housing in axial alignment with said mix chamber housing and spaced from the closed end thereof to allow air circulation therebetween,

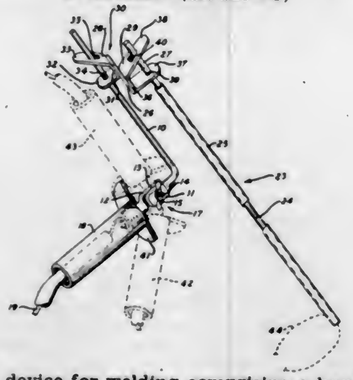


a removable end plate on said motor housing remote from said air space, a motor secured to said end plate and removable therewith, and a transmission between said motor and said agitator and having a slip connection therein to allow the removal of said motor or said agitator or both.

2,059,605
WELDING DEVICE

Raymond E. Powell, Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application August 24, 1935, Serial No. 37,693
13 Claims. (Cl. 219—8)



8. A device for welding comprising a handle of insulating material, an elongated metal support adjustably mounted on the handle, a metallic member bodily adjustably mounted on the support and means on the metallic member to hold a welding rod.

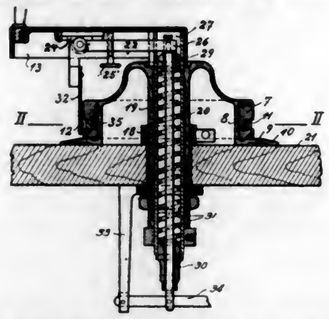
2,059,606
APPARATUS FOR SHAPING DOUBLE COLLARS

Rudolf Pracht, Breslau, Germany, assignor to the firm Hermann Tschentschel, Maschinenfabrik, Breslau, Germany, a partnership composed of Erich Tschentschel, Gerold Tschentschel, Alfred Tschentschel, and Elisabeth Thomas, née Tschentschel, all of Breslau, Germany

Original application November 13, 1934, Serial No. 752,816. Divided and this application June 12, 1935, Serial No. 26,220. In Germany August 10, 1934
9 Claims. (Cl. 223—52.1)

1. Apparatus for shaping stiff double collars comprising in combination: a cylindrical support

provided with an annular groove; a presser member adapted to co-operate with said groove; means

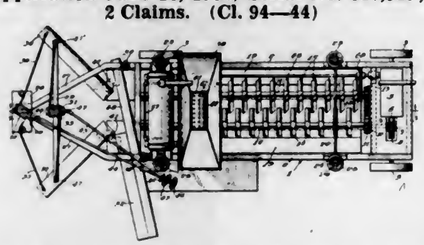


for rotating said presser member around said groove; and means for fixing one end of the collar in said support.

2,059,607
APPARATUS FOR MIXING AGGREGATE AND BINDER UPON A ROAD

Harold B. Pullar, Chicago, Ill., and James W. Smith, Waterloo, Ark.

Application June 16, 1932, Serial No. 617,519½
2 Claims. (Cl. 94—44)



2. In combination, a device for mixing aggregate and a binder upon the surface of a road while maintaining said aggregate upon the road which comprises, a frame mounted upon wheels for movement over said road, a mixing chamber in said frame and defined by lateral walls disposed parallel to the direction of travel of said frame, a mixing member positioned in said mixing chamber, the longitudinal axis of said mixing member being positioned parallel to said lateral walls, said frame being adapted to pass longitudinal over a mound of aggregate, said aggregate passing relatively through said mixing chamber and means upon said frame for depositing a binder upon said aggregate.

2,059,608
POWDER DISPENSING CAN

William A. Rochester, Merrick, N. Y.

Application July 2, 1932, Serial No. 620,643
13 Claims. (Cl. 221—104)

1. A powder dispensing device having a viewable dispensing side opening at an end in the powder container part thereof, and movable dispensively pressure-operated powder dispensing means including a finger piece and also including operatively viewable flat smooth-surfaced means of uniform thickness disposed perpendicular to the direction of its motion and having a powder entrance portion normally facing the other end of said device for pushing powder portions viewably through said viewable dispensing opening and for normally closing said dispensing opening in non-dispensing position, said device being elongated and having such side to side width as to permit being operatively held in one hand only and said dispensing means having such size,



shape and movable relation with respect to said device as to permit pressure to be applied to said finger piece by a finger of said same hand to move said powder pushing means with respect to said dispensing side opening.

2,059,609
MOLDING MATERIAL

Edmund Charles Rossiter and Alfred Brookes, Strand, London, England, assignors, by mesne assignments, to American Cyanamid Company, a corporation of Maine

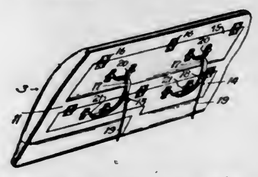
No Drawing. Application May 6, 1931, Serial No. 535,562. Renewed August 14, 1935. In Great Britain July 23, 1930
4 Claims. (Cl. 260—3)

1. A relatively stable, moldable composition in powdered form capable of being stored for relatively protracted periods, comprising a urea-formaldehyde condensation product, an acid yielding salt of hexamethylene tetramine, and hexamethylene tetramine in an amount sufficient to insure an excess of total base over total acid present during storage.

2,059,610
AIRCRAFT

Antonio V. Santarsiero, New York, N. Y.

Application December 28, 1934, Serial No. 249
Renewed September 19, 1936
2 Claims. (Cl. 244—12)



1. In an aeroplane provided with a helicopter propeller, a wing having front and rear elongated openings therethrough from top to bottom and extending from near the center line on each side to points adjacent the tips, panels pivotally mounted at their leading edges in each of said openings and adapted to swing downwardly to permit air to pass through the openings, resilient means to urge the panels to closed position, links mounted beneath each wing and connecting the front and rear panel on each side, manual control means to open said panels against the force of said resilient means, and lost motion connections between the manual control means and said panels on each side whereby the panels may be forced downwardly by a predominance of air pressure on the upper side independently of said manual control means.

2,059,611
WELL CLEANING DEVICE
James J. Santiago, Los Angeles, Calif., assignor to John Grant, Los Angeles, Calif.
Application January 26, 1935, Serial No. 3,584
16 Claims. (Cl. 166—19)



1. In a well cleaner, a body member having a low-pressure chamber and a side inlet therefor, a valve seat for said inlet embodying a member having a bore into which said inlet opens, one end of the bore being closed and the other end being open to admit well fluid, a closure embodying a blade mounted in said bore for movement to and from a position closing said inlet, said blade having one face engaged with the bore defining wall and the opposite face and the top and bottom of said blade being adapted to be exposed to well-fluid and being of substantially equal effective cross-sectional areas, and means for moving the closure from closing position.

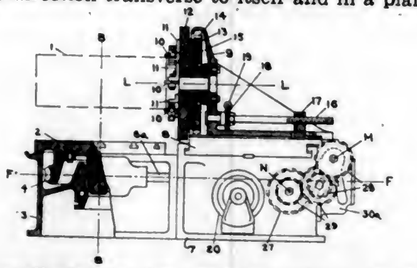
2,059,612
GEARING
Christopher A. Schellens, Marblehead, Mass.
Application July 12, 1932, Serial No. 622,084
27 Claims. (Cl. 74—466)



1. A pair of mating gears that are adapted to have their axes angularly displaced by a small amount in any direction, said gears having teeth that have line contact and such longitudinal curvature that the length of the line of contact remains substantially the same but shifts axially upon said angular displacement of the gear axes, said longitudinal curvature being a parabola, and means for mounting said gears for relative axial displacement of their axes in response to angular displacement of their axes.

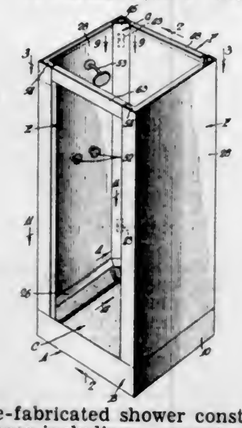
2,059,613
GEAR CUTTING MACHINE
Christopher A. Schellens, Marblehead, Mass.
Application May 2, 1933, Serial No. 668,902
13 Claims. (Cl. 90—4)

1. In a gear cutting machine a member mounted for uniform rotation about an axis and carrying a cutting tool, means for rotatably supporting and controlling the rotation of the work, journalling means for said member, means for imparting motion to said journalling means whereby the axis of said member moves with a uniform velocity in a direction transverse to itself and in a plane



perpendicular to the axis of rotation of the work, and cooperating means whereby the work is actuated with a periodic angular motion superimposed on a uniform rotation, both about its axis of rotation.

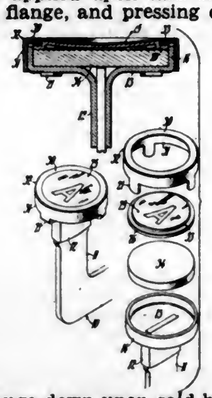
2,059,614
SHOWER CONSTRUCTION
Nathan Schooler, Beechhurst, N. Y.
Application April 20, 1936, Serial No. 75,437
18 Claims. (Cl. 4—146)



1. A pre-fabricated shower construction comprising a base including a ceramic material with a drain opening, toward which the surface of said ceramic material slopes for drainage, and side wall members of sheet metal attached to and extending upwardly from the periphery of said base, the periphery of said base being formed of sheel metal and enclosing said ceramic material, said ceramic material being cast in said sheet metal periphery, which sheet metal periphery serves as a form, and said periphery at its upper end and the wall members at their lower ends being provided with extensions and means to attach said extensions together to form a water-tight joint.

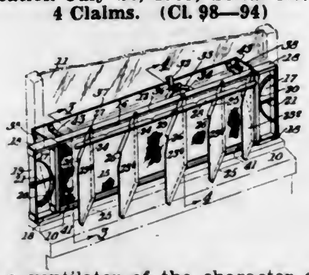
2,059,615
TYPEWRITING MACHINE
Jesse A. B. Smith, Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application November 15, 1933, Serial No. 698,063
6 Claims. (Cl. 197—102)

1. A typewriter-key having a key-cup, a crown of molded material provided with a character, a brim projecting from the bottom of said crown and confined within said cup, and an annular cap applied upon said cup and having an inturned flange, and pressing downwardly to



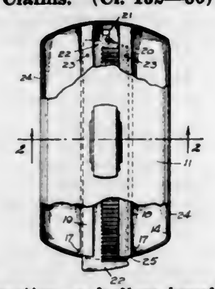
hold said flange down upon said brim, the latter being supported against the downward pressure of said cap, the crown being substantially flush with the top of the cap.

2,059,616
VENTILATOR UNIT
Wentworth H. Shortlidge, Bellevue, Pa.
Application July 22, 1935, Serial No. 32,553
4 Claims. (Cl. 98—94)



1. In a ventilator of the character described, the combination of a frame, a plurality of ventilating vanes mounted in said frame and arranged to swing on vertical axes, the width of said vanes increasing progressively from the end of the frame, and means for causing the vanes to move in unison.

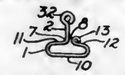
2,059,617
HAIR BRUSH
Samuel Storch, Brooklyn, N. Y.
Application August 3, 1935, Serial No. 34,483
4 Claims. (Cl. 132—86)



1. In combination, a hollow brush back comprising complementary top and bottom sections,

each thereof having side walls adapted to fit tightly one within the other, said sections being held together by friction and being adapted for ready engagement and disengagement, the top section comprising a frame disposed marginally thereof to form a bezel, and an interchangeable top piece disposed inside the bezel between the latter and the bottom section, whereby the said top piece may be removed by simply disengaging the said two sections.

2,059,618
LINGERIE TAPE HOLDER
Frank J. Swayne, near Centralia, Wash., assignor to The De Long Hook and Eye Company, a corporation of Pennsylvania
Application September 24, 1934, Serial No. 745,309
7 Claims. (Cl. 24—73)

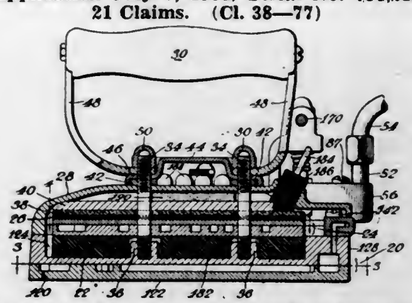


1. A lingerie tape holder comprising a wire formed at one end for direct securement to the wearer's dress, and extending thence in a straight line to a point spaced from such end, thence in turn angularly outwardly from a line connecting said end and point, inwardly and past such line, and then at a like angle inwardly to such line to form an open loop of a width to snugly receive the tape, and equally disposed at opposite sides of said line, all parts of said wire lying substantially in the plane of said loop.

2,059,619
TREATMENT OF BENZYL CELLULOSE
David Traill, Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application May 17, 1935, Serial No. 22,116. In Great Britain May 28, 1934
4 Claims. (Cl. 260—152)

1. Method of treating benzyl cellulose to remove aldehydic impurities comprising heating the benzyl cellulose in a liquid medium made by combining a concentrated aqueous solution of an alkali metal bisulfite with a water-miscible alcohol and a liquid aromatic hydrocarbon from the group consisting of benzene, toluene, and xylene.

2,059,620
STEAM GENERATING ELECTRIC IRON
Isaac Abrams, Kings County, and Nathan Pesakof, Bronx County, N. Y., assignors, by mesne assignments, to Avel S. Abrams, New York, N. Y.
Application July 7, 1934, Serial No. 734,218
21 Claims. (Cl. 38—77)



2. A fluid ejecting iron comprising a perforated base and a primary heat exchanging unit,

a fluid inlet for said primary heat exchanging unit, conduit means connecting said primary heat exchanging unit with the perforations in said base, valve mechanisms controlling said inlet and said conduit means, means for adjusting the maximum opening of said valve mechanisms, means for simultaneously operating said valve mechanisms and means to heat said unit and said base.

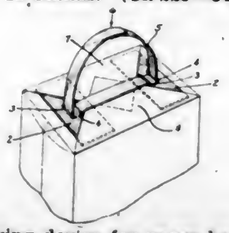
2,059,621

CARRYING HANDLE FOR CONTAINERS

Daniel Belcher, Minneapolis, Minn., assignor to Bemis Bro. Bag Co., Minneapolis, Minn., a corporation of Missouri

Application April 29, 1935, Serial No. 18,860

11 Claims. (Cl. 229—54)



7. A carrying device for paper bags whose top wall portions have been folded into closing and sealing relation and whereby certain of said folded wall portions may be separated to provide openings therebetween, said device comprising a pair of plate elements whose ends may be inserted into said openings to attach the device to the bag top, said plate elements having apertures therein, and a tape threaded through said apertures and forming a handle.

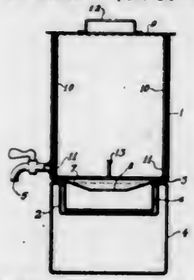
2,059,622

EXTRACTION APPARATUS FOR PRODUCTION OF BEVERAGES

Hayes Hayden Bell, Terre Haute, Ind., assignor of one-half to Henry G. Schroer, Terre Haute, Ind.

Application June 24, 1935, Serial No. 28,119

3 Claims. (Cl. 53—3)



1. In an extraction apparatus adapted for the production of beverages without the loss of aromatic constituents, the combination of an extraction vessel having in the lower portion thereof an imperforate receptacle for receiving and retaining settled solids, a closure for said vessel having a downwardly extending skirt adapted to fit within the side walls of said vessel with minimum clearance therefrom and adapted to extend below the normal liquid level in said vessel, and stirring means disposed on the inner wall of said skirt at the lower portion thereof, said stirring means being adapted to be operated by rotation of the said closure and being adapted to rotate above the level of the said receptacle for settled solids.

2,059,623

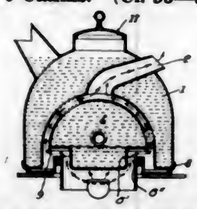
MEANS FOR HEATING LIQUIDS

Paul Braach, Siegen in Westphalia, Germany

Application September 25, 1935, Serial No. 42,148

In Germany September 25, 1934

6 Claims. (Cl. 53—9)



1. Device for heating liquid intended preferably for stoves with concentrated flames such as gas, spirit and oil stoves, comprising a liquid container with dome-shaped heating surface over a hemispherical liquid container, the former embracing with its dome-shaped heating surface the other hemispherical liquid container, hemispherical narrow heating gas passages between the liquid containers, formed by the lower dome-shaped heating surface of the upper liquid container and the upper wall of the lower hemispherical liquid container, liquid connecting tubes between the individual containers and a heating gas outlet in the uppermost liquid container.

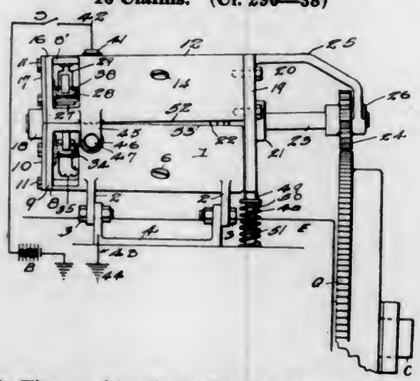
2,059,624

ELECTRIC STARTING MOTOR

Douglas Collins, Salisbury, N. C.

Application March 5, 1934, Serial No. 714,148

16 Claims. (Cl. 290—38)



1. The combination with a driven-member, of a longitudinally divided electric motor comprising a fixed section and a laterally movable section, and a motor-driven member movable with the movable section, whereby the motor-driven member is moved laterally into power-transmitting engagement with the driven-member when the electric motor is energized.

2,059,625

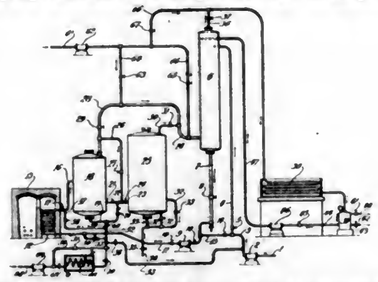
PROCESS FOR HYDROCARBON OIL CONVERSION

Carbon P. Dubbs, Wilmette, Ill., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Application January 17, 1927, Serial No. 161,488

11 Claims. (Cl. 196—62)

1. A process for the destructive hydrogenation of hydrocarbon oil which comprises passing the oil in admixture with a hydrogen-containing gas through a restricted heating coil and heating the same therein to a conversion temperature under a superatmospheric pressure sufficient to effect hydrogenation and liquid phase conversion at the temperature to which the oil is raised, discharging the hot oil and gas into an enlarged re-



action zone maintained at conversion temperature and under sufficient pressure to effect hydrogenation and liquid phase conversion therein, the pressures employed being substantially in excess of 1000 lbs. per square inch, separating the oil into vapors and non-vaporous constituents, and condensing said vapors.

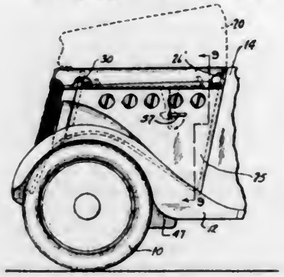
2,059,626

VEHICLE CONSTRUCTION

Henry J. Edwards, Ottawa Hills, Ohio, assignor to The Willys-Overland Company, Toledo, Ohio, a corporation of Ohio

Application January 16, 1935, Serial No. 2,079

7 Claims. (Cl. 180—69)



1. A vehicle construction comprising in combination a cowl panel; a radiator core and shell therefor; fenders arranged at either side of said radiator shell; each of said fenders having a ledge portion, a pair of headlamps for said vehicle, each of said headlamps being disposed in said radiator shell at either side of the radiator core and enclosed thereby; and removable panels forming portions of the headlamp enclosures and having portions respectively engageable with the ledge portions of said fenders, said panels having curved portions terminating adjacent the rear portions of said fenders and having upwardly projecting flat portions connecting said radiator shell and said cowl panel.

2,059,627

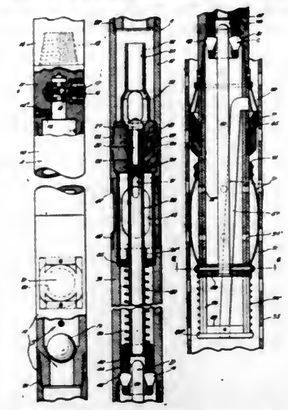
WELL CLEANING DEVICE

Weldon C. Erwin and Cecil H. Sweet, Brea, Calif., assignors to John Grant, Los Angeles, Calif.

Application April 22, 1933, Serial No. 667,437

25 Claims. (Cl. 166—19)

1. A well device of the character described adapted to be attached to a lowering tool and including, a body forming a receptacle for material in a well and having an inlet opening, a closure for the opening adapted to be opened by the pressure of fluid in the well, means releasably



holding the closure against opening movement, and a control for said means adapted to release said means by virtue of withdrawal movement of the lowering tool.

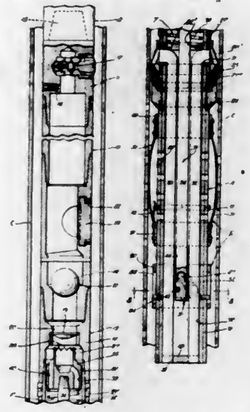
2,059,628

WELL TOOL CONTROL

Weldon C. Erwin and Cecil H. Sweet, Brea, Calif., assignors to John Grant, Los Angeles, Calif.

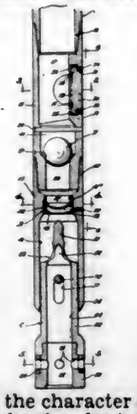
Application April 22, 1933, Serial No. 667,438

41 Claims. (Cl. 166—19)



1. A control for a well tool having a body and an element carried by the body and actuatable to operate the tool, said control embodying an operating member supported by and shiftable with relation to the body to actuate said element, holding means normally holding the operating member from shifting, said holding means including a member movable to a position releasing the operating member, a releasing member carried by and movable with respect to the body and said holding means, and means for moving the releasing member, said releasing member having cam-engagement with said movable holding member during movement of the releasing member in a predetermined direction relative to the body and being thereby operative to move said movable holding member to release position.

2,059,629
WELL BAILER
Weldon C. Erwin and Cecil H. Sweet, Brea, Calif., assignors to John Grant, Los Angeles, Calif.
Application April 22, 1933, Serial No. 667,439
17 Claims. (Cl. 166—19)



1. A well tool of the character described including, a tubular body closed at its upper end, a closure for the lower end of the body, means for operating the closure, the body having a lateral discharge opening above the closure and a seat at the outer end of the opening, a plug closure for the opening and adapted to engage the seat, and means for holding the last mentioned closure in position at the opening, including spaced lugs on the body engaging projections on said last mentioned closure.

2,059,630
WELL CLEANING DEVICE
Weldon C. Erwin, Huntington Park, Calif., assignor to John Grant, Los Angeles, Calif.
Application January 23, 1935, Serial No. 3,017
20 Claims. (Cl. 166—19)



1. In a well cleaning device, a body member having a low-pressure chamber and an inlet opening therefor, a downwardly opening valve for the inlet, said valve having a pressure-taking-face adapted to be exposed to fluid within the well, a stem depending from the valve, a piston on said stem and having a pressure-taking-face in effective opposition to said valve face, an abutment on the stem between the valve and piston, and an actuating member movably mounted on the body member and engageable with the abutment.

2,059,631
WELL CLEANING DEVICE
Weldon C. Erwin, Huntington Park, Calif., assignor to John Grant, Los Angeles, Calif.
Application May 20, 1935, Serial No. 22,282
20 Claims. (Cl. 166—19)



1. In a well-cleaning device, a body having a low pressure chamber and an inlet therefor, a seat member and a closure member cooperating to control fluid flow through the inlet, both said members being movable upwardly with respect to said body, and said closure member being movable upwardly with respect to said seat member to open the inlet.

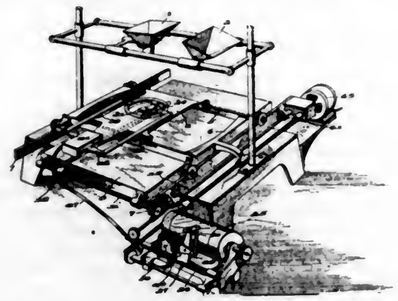
2,059,632
MANUFACTURE OF ARTIFICIAL SILK
Paûl Esselmann, Wolfen Kreis Bitterfeld, and Karl Kösslinger, Dessau in Anhalt, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application November 23, 1934, Serial No. 754,536. In Germany November 24, 1933
2 Claims. (Cl. 18—54)

1. In the manufacture of artificial silk or artificial spinning threads of wool-like character from alkaline cellulose solutions, particularly from viscose, by the wet-spinning process, wherein an albuminous substance of vegetable or animal origin is added, the improvement which consists in adding an amount of the albuminous substance to the solution sufficient to impart to the eventual product an affinity for acid wool dyestuffs directly before the spinning whereby to prevent loss of affinity for acid wool dyestuffs by the resulting product.

2,059,633
APPARATUS FOR PRODUCING PLANS OF GROUND EXCLUSIVELY BY PHOTOGRAPHIC MEANS
Robert Ferber, Courbevoie, France, assignor to the Society l'Aerotopographie, Courbevoie, France
Application January 10, 1934, Serial No. 706,105
In France January 25, 1933
10 Claims. (Cl. 88—24)

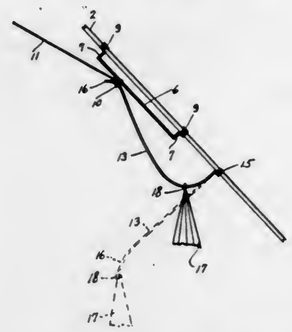
1. A mechanical and optical device, for making photographic records of the plan of any ground, comprising a projecting chamber, a plate placed in said chamber, a base-plate, a sheet covering said plate and having a layer which is sensitive to light, a screen having a slit and mounted adjacent to said base-plate, means for

suitably directing and displacing said chamber with reference to said screen, means for giving to said slit successive displacements in determined directions, said slit having the shape of



a deformable parallelogram, whose two opposite sides, parallel to the direction of displacement of the slit, have a length proportional to the speed of displacement and are at a constant distance apart with reference to a given recorded band.

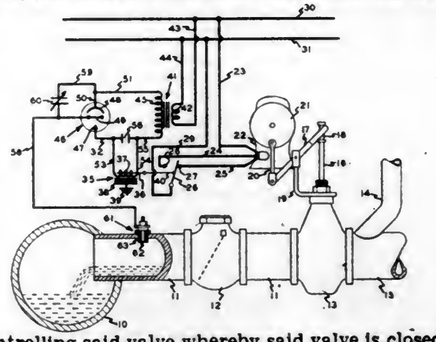
2,059,634
KITE PARACHUTE
Frederick Gordon Fisher, Jr., Red Bank, N. J.
Application December 30, 1935, Serial No. 56,824
Renewed September 26, 1936
6 Claims. (Cl. 244—155)



1. In combination, a kite, a resilient arm mounted on the kite for releasably securing a parachute thereto, a ring slidably mounted on the kite and engageable with the free end portion of the resilient arm for releasably securing said free end portion to the kite, and a bridle mounted on the kite and connected to the ring for disengaging said ring from the resilient arm.

2,059,635
SEWAGE CONTROL SYSTEM
Francis B. Fillo, St. Louis, Mo., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application December 3, 1934, Serial No. 755,667
14 Claims. (Cl. 182—26)

1. In a sewage system of the class described, a main sewer, a feeder sewer emptying therein, an electrically operated valve in said feeder sewer, an electrode in one of said sewers below said valve, and means connected to said electrode for



controlling said valve whereby said valve is closed when sewage contacts said electrode.

2,059,636
STRAINER
Arthur C. Flavin, Evans Mills, Thomas M. Flavin, Gouverneur, and William B. Flavin, Evans Mills, N. Y., assignors to R. J. Hamilton, Jr., Pittsburgh, Pa.
Application July 17, 1936, Serial No. 91,216
12 Claims. (Cl. 210—159)

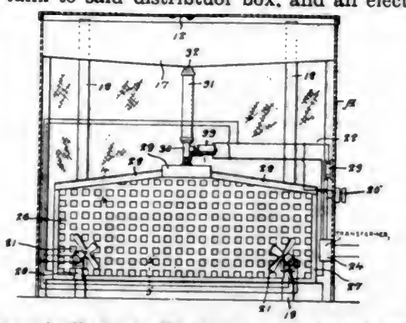


1. In a strainer for removing foreign or undesirable substances from a fluid, the combination of a container for the fluid to be strained, an outlet from said container through which the strained fluid is discharged, a straining membrane pervious to the fluid being strained but impervious to the substances to be removed therefrom disposed across said outlet, means separating the space above said membrane from the rest of the space within said container, and a plurality of passageways through said separating means so constructed and arranged that the fluid flowing therethrough from outside the separating means is directed onto said straining membrane with a whirling motion.

2,059,637
COOLER, HUMIDIFIER, AND AIR CIRCULATOR
Paul D. Good, West Lawn, Pa.
Application May 7, 1936, Serial No. 78,462
6 Claims. (Cl. 261—103)

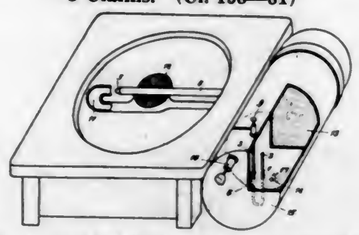
1. An apparatus of the character described comprising a casing having a wire screen partition interiorly thereof dividing it into several compartments, one of the compartments accommodating a radiator of a heating system, a liquid supply tank in the other compartment, a liquid distributor box below said tank and having communication therewith, feeder heads extending from said box, an absorbent sheet associated with

said heads and depending therefrom, a feed regulating valve for controlling liquid flowing from the tank to said distribtuor box, and an electri-



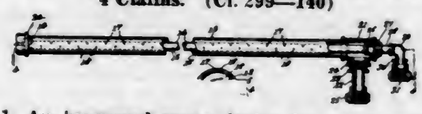
cally controlled cut off valve for opening and closing the communication between the box and said tank.

2,059,638
LIQUID FUEL BURNER
Hermann Guhl, Friedrich Wilhelm Oscar Dorl, and Karl Gargel, Karlsruhe in Baden, Germany, assignors to Junker & Ruh A.-G., Baden, Germany, a corporation
Application April 2, 1932, Serial No. 602,850
In Germany April 20, 1931
3 Claims. (Cl. 158—81)



1. In a liquid fuel burner unit comprising a burner having a vaporizer heated thereby, the combination of a fuel reservoir, a chamber connected at its lower portion with the fuel reservoir and otherwise permanently unconnected therewith, means for conducting fuel from said chamber to said vaporizer, said means comprising a pipe having an opening in the chamber above the connection of the chamber with the reservoir, means for displacing a predetermined portion of liquid fuel from the chamber to the reservoir by air drawn directly from the outside atmosphere, and a flow control device in said pipe, whereby upon opening of said control device carbureted air in said chamber passes to the burner and upon exhaustion of said air liquid fuel passes to said burner.

2,059,639
SPRAY DEVICE FOR USE IN MINES
Harry Hixon, Sr., Lead, S. Dak.
Application March 30, 1935, Serial No. 13,959
4 Claims. (Cl. 299—140)

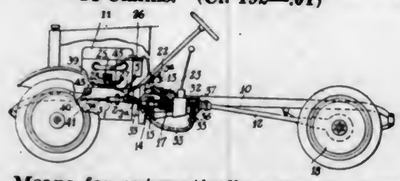


1. An improved spray device for use in mines comprising a horizontally disposed tubular water jacket having minute perforations along the upper portion thereof, and a tubular air jacket fitted through said water jacket and having perforations therein angularly displaced with respect to the perforations in the water jacket.

2,059,640
LUMINOUS DISCHARGE LAMP
Harrison Porter Hood, Corning, N. Y., assignor to Corning Glass Works, Corning, N. Y., a corporation of New York
No Drawing. Application January 8, 1936, Serial No. 58,224
6 Claims. (Cl. 176—122)

4. A luminous discharge lamp which comprises a sealed opal glass tube having electrodes, the glass being made from a batch containing fluorspar and a fluorine compound of the group comprising cryolite, sodium silico fluoride, potassium fluoride and aluminum fluoride, the fluorspar and the fluorine compound being between the ratios 1 to 1 and 3 to 1 respectively, the glass having a maximum iron content of .02% Fe_2O_3 and rendered fluorescent by the incorporation therein of an element which will fluoresce when exposed to light of short wave length, the tube containing a gas which will emit ultraviolet light when an electric discharge is passed through the tube between the electrodes.

2,059,641
MOTOR SPEED EQUALIZER
Hugo Rudyard Hustad, New York, N. Y., assignor of one-half to Warren M. Florance, Bethlehem, Pa.
Application December 9, 1931, Serial No. 579,905
14 Claims. (Cl. 192—.01)

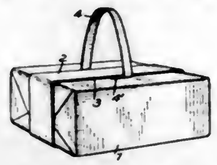


1. Means for automatically using the forward movement of a motor driven vehicle to increase the rate of revolutions of its motor, and/or parts being revolved by said motor, said increased rate of revolutions to coincide and be identical with the rate of revolutions of such parts as are caused to revolve by the forward movement of said vehicle and are used to engage said motor with said forward movement of said vehicle, while said motor, and/or parts being revolved by said motor, and said such parts as are caused to revolve by said forward movement of said vehicle are being engaged to function together, said means comprising an element adapted to be driven by the vehicle independently of the motor, an element operatively connected to means for controlling the speed of the motor and a controlling element for said means adapted to be operated by means operated to engage said motor with the forward movement of said vehicle.

2,059,642
PROCESS FOR MANUFACTURING PHOTOGRAPHIC SILVER HALIDE DEVELOPING EMULSIONS DURABLY FREE FROM GREY AND YELLOW FOGGING AND OF DURABLE QUALITY
Bruno Kankelwitz, Dresden, Germany
No Drawing. Application March 4, 1935. Serial No. 9,288. In Germany March 10, 1934
8 Claims. (Cl. 95—7)

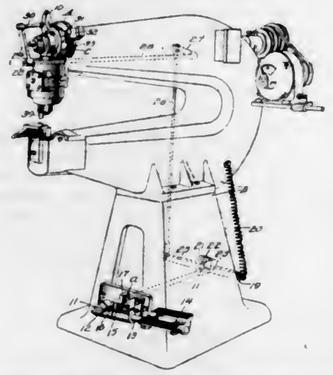
1. The process of manufacturing photographic silver halide developing emulsions durably free from grey and yellow fogging and of durable quality, in which a mixture of soluble gold salts and mercury salts are added in very small proportion to a supporting element for the emulsion, said supporting element comprising a layer of such composition and local application as to permit the gold-mercury salts to pass automatically into the emulsion by solution or diffusion.

2,059,643
HANDLING DEVICE FOR PACKAGES OR THE LIKE
Victor Kobler and Werner Kobler, Zurich, Switzerland, assignors to the firm Kobler & Co., Zurich, Switzerland
Application February 17, 1936, Serial No. 64,398
In Germany February 23, 1935
4 Claims. (Cl. 229—52)



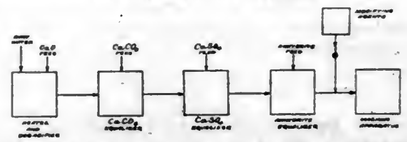
1. In a handling device for packages or the like, a pasting strip coated on one side with an adhesive and being substantially imperforate, two flexible longitudinal marginal tapes secured to said adhesive-coated side of said pasting strip, and a flexible open-ended carrier handle strap extending transversely of said strip pasted on to said tapes with its end portions.

2,059,644
COMPENSATING LEVER MECHANISM FOR SHEARS
Arthur J. Libert, Green Bay, Wis.
Application October 22, 1930, Serial No. 490,518
1 Claim. (Cl. 164—47)



The combination of a control device for a movable element, adjustable means for regulating the throw of the control device, a horizontal rocker shaft, a treadle coupling on the shaft, a treadle stem rotatably fitted in the coupling, a treadle carried by the stem, a latching device on the stem, means including a keeper on the coupling and engageable by the latching device for releasably holding the stem against rotation, a locking member on a stand of the control device for engagement by the latching device for maintaining the shaft locked after depression and subsequent rotation of the treadle, said treadle having a movement greater than the control device, and means for compensating the difference in movements of the control device and treadle.

2,059,645
STANDARDIZING WATER FOR MASHING PROCESSES
Karl P. McElroy, Washington, D. C.
Application April 18, 1933, Serial No. 666,725
12 Claims. (Cl. 99—50)



1. In brewing a fermented malt beverage from cereal materials and natural water with mashing to form a fermentable wort, the process of forming a uniform bright wort which comprises standardizing the raw water en route to the mashing operation by first heating it and removing the free CO_2 therefrom, by then exposing the hot water to intimate contact with a large surface area of calcium carbonate and by thereafter exposing the hot treated water successively to intimate contact with extensive areas of surfaces first of hydrated calcium sulfate and then of anhydrous calcium sulfate and thereafter mashing and sparging the cereal materials with the standardized water.

2,059,646
Bz2-HALOGEN-BENZANTHRONES
Melvin A. Perkins, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application May 25, 1935, Serial No. 23,455
6 Claims. (Cl. 260—61)

1. Bz2-halogen-benzanthrones of the group consisting of Bz2-bromo-benzanthrone, Bz2-iodo-benzanthrone and their halogen substitution products wherein the halogen is contained in the anthraquinone nucleus.

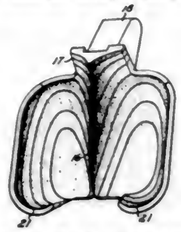
2,059,647
COMPOUNDS OF THE BENZANTHRONE SERIES
Melvin A. Perkins, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application May 25, 1935, Serial No. 23,456
6 Claims. (Cl. 260—61)

1. A Bz2-halogen-benzanthrone containing in the Bz1 position a reactive negative substituent of the group consisting of Cl, Br, I, —NO_2, —SO_3H, —SH, —SeH.

2,059,648
IMPULSE BUCKET
Arnold Pfau, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware
Application May 2, 1934, Serial No. 723,448
11 Claims. (Cl. 253—114)

1. A bucket for hydraulic turbines of the impulse type comprising a plurality of ovoids formed in intersecting relation to provide a jet

splitter wholly within the bucket, the splitter having a pyramidal shape in both the direction



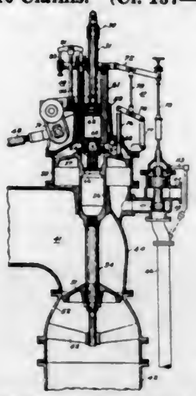
of the longitudinal axis of bucket and in a direction transversely thereto.

2,059,649

PRESSURE REGULATOR

Arnold Pfau, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware

Application July 18, 1934, Serial No. 735,815
10 Claims. (Cl. 137—53)



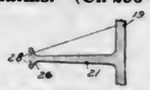
1. A regulator for limiting pressure variations in the flow of fluid to a hydraulic turbine and comprising a fluid pressure operated relief valve, a fluid pressure operated valve controlling the flow of fluid to said relief valve, a dashpot actuated in response to variations in quantity of fluid flowing through the turbine, means connecting said control valve with said dashpot and with said relief valve and compensating for the relative movement between said relief valve and said dashpot, and a double acting pilot valve operated by said dashpot and said pressure limiting valve for regulating the operation of said control valve.

2,059,650

HYDRAULIC TURBINE

Arnold Pfau, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware

Application August 23, 1934, Serial No. 741,059
9 Claims. (Cl. 253—117)



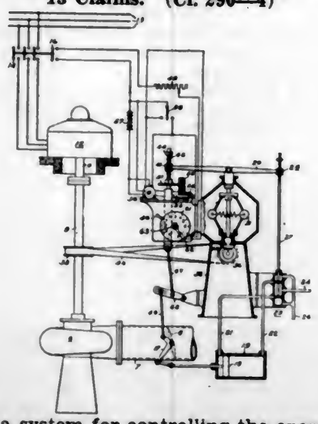
1. A hydraulic machine comprising a casing, a shaft extending into said casing, and a plurality of propeller vanes mounted on said shaft and forming a screw rotatable therewith, the peripheral ends of said vanes being formed to extend from both sides thereof to provide a surface of materially greater width than the thickness of said vanes, such surface being provided with grooves.

2,059,651

PRIME MOVER CONTROL SYSTEM

Arnold Pfau, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware

Application September 20, 1935, Serial No. 41,368
13 Claims. (Cl. 290—4)



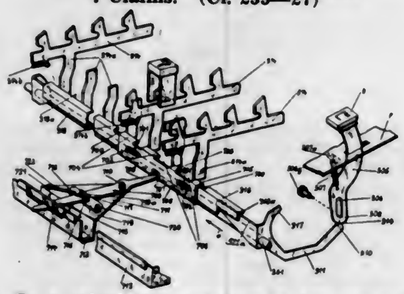
1. In a system for controlling the operation of an electric current generator driven by a prime mover and adapted to be connected with a power transmission line in parallel with other generators, a circuit breaker having an auxiliary contact and controlling connection of the generator with the line, a gate controlling flow of operating fluid to the prime mover, means for operating said gate, means responsive to the speed of the prime mover for controlling the operation of the first said means, and means for modifying the effect of said speed responsive means dependent on the position of said gate, the auxiliary contact of said circuit breaker being effective in one position thereof to render the last said means wholly inoperative.

2,059,652

KEY CANCELING ARRANGEMENT FOR CALCULATING MACHINES

Friedrich Pott, Thuringia, Germany, assignor to Mercedes Büromaschinen-Werke Aktiengesellschaft, Benshausen, Thuringia, Germany

Application August 25, 1933, Serial No. 686,837
In Germany September 10, 1932
7 Claims. (Cl. 235—27)



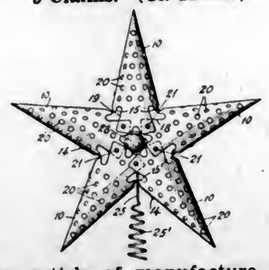
1. In a calculating machine, a key cancelling arrangement having in combination with movable key locking members, an oscillatably arranged canceling bar arranged to move said locking members, operating means for oscillating said canceling bar, an inoperative part on said canceling bar, a toothed member slidably arranged on said canceling bar within the inoperative part thereof, a lever for positioning said toothed member relatively to said canceling bar in a plurality of positions, said toothed member having a plurality of series of teeth of different breadth cooperating with a variable number of said locking members in its different positions.

2,059,653

CHRISTMAS TREE ORNAMENT

Millard Pretzfelder, St. Albans, N. Y., assignor to Paper Novelty Manufacturing Co., New York, N. Y., a corporation of New York

Application February 14, 1936, Serial No. 63,821
9 Claims. (Cl. 41—10)



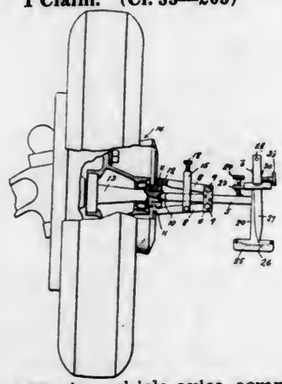
7. As an article of manufacture, a reflector ornament adapted for use in the decoration of a Christmas tree, comprising a plurality of substantially conical sections having light reflecting surfaces, joined together at their lower extremities to form a unitary body having the apices of the conical sections lying in substantially the same plane, and means for seating said unitary body upon a branch of a Christmas tree in upright position, said conical sections being provided with a multiplicity of apertures and having their interior surfaces of a highly reflective character.

2,059,654

AXLE GAUGE

Raymund J. Quigley, Ann Arbor, Mich.

Application October 3, 1935, Serial No. 43,414
1 Claim. (Cl. 33—203)



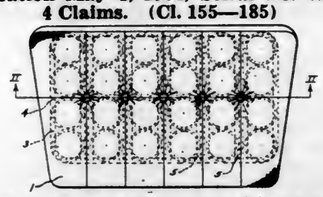
A caster gauge for vehicle axles, comprising an elongated bar pointed at one end for engaging an axle spindle end, clamp means for aligning the bar with the axle spindle, a gauge on the opposite end of the bar, said gauge consisting of a T-shaped member pivotally supported on the bar, the head portion of the said T-shaped member having a scale thereon, a pivoted indicator or hand on the T-shaped member cooperating with the scale, spring means on the T-shaped member engaged with the indicating hand for retaining the hand at an intermediate portion on the scale, a lug on the T-shaped member, a set screw disposed through the lug and engaged with the bar whereby the T-shaped member can be set properly with respect to the bar, and a level supported on the said indicating arm.

2,059,655

UPHOLSTERING DEVICE FOR CUSHIONS

Clair S. Reed, Jackson, Mich., assignor to Reynolds Spring Company, Jackson, Mich., a corporation of Delaware

Application May 4, 1934, Serial No. 723,861
4 Claims. (Cl. 155—185)



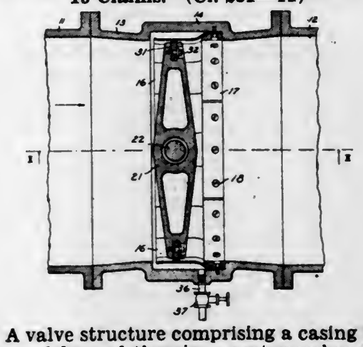
4. In a spring structure comprising a plurality of coil springs secured together to form a spring unit, a cover for the top of said unit and a button engaging said cover, a coil spring normally under tension and straight anchored to the bottom of said unit substantially opposite said button, and means securing said coil spring to said button, said coil spring comprising a plurality of adjacently disposed coils, one of said coils being so deformed that said coil spring in an untensioned state due to relative inward movement of said cover and said bottom comprises two angularly disposed portions.

2,059,656

BUTTERFLY VALVE

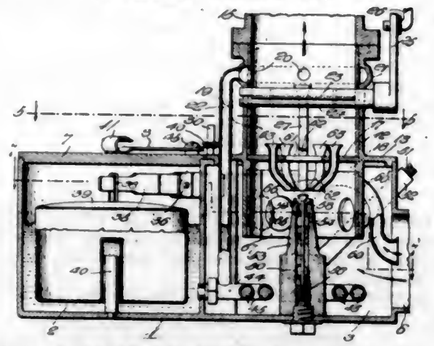
Joseph J. Ring, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware

Application December 21, 1935, Serial No. 55,582
15 Claims. (Cl. 251—11)



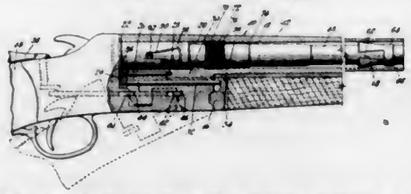
1. A valve structure comprising a casing having a channel formed therein, a seat member formed of a plurality of flexible members arranged around said casing within the channel therein and spaced therefrom to allow access of fluid pressure to the rear side of said seat member, and a valve body mounted for movement into engagement with said seat member.

2,059,657
CARBURETOR
Andrew J. Sager, Winchester, Va.
Application August 30, 1934, Serial No. 742,183
7 Claims. (Cl. 261—41)



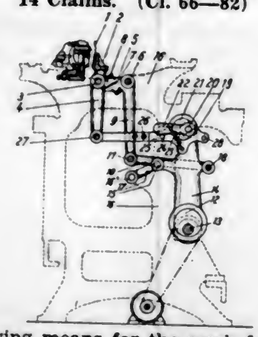
1. In a hot gas carburetor, a casing having a mixing chamber therein, the mixing chamber having an inlet for hot air, a nozzle disposed vertically in the mixing chamber, a conduit extending through the mixing chamber and about the nozzle whereby fuel heated by hot air in the mixing chamber will be delivered to said nozzle, the portion of the conduit extending about the nozzle being formed of a plurality of branches spaced transversely from each other and terminating in a single tube section leading to the conduit, and means for delivering hot air into the tubular portion of the conduit between the sections thereof and said nozzle.

2,059,658
FIREARM
Gunnard Sandine, Gary, Ind.
Application February 7, 1934, Serial No. 710,187
1 Claim. (Cl. 42—77)



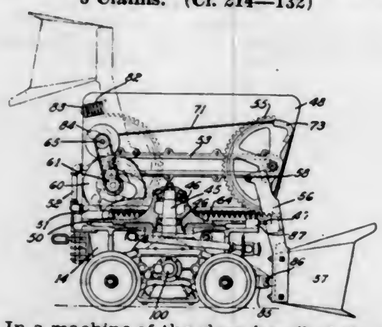
The combination with a shotgun having a barrel of predetermined gauge and a shell ejector associated therewith, said barrel having a shell chamber and a shoulder between the shell chamber and the bore proper, of a gauge reduction liner removably arranged within said barrel, an ejector sleeve slidably mounted on said reduction liner and having a diameter and an end flange of the size and shape of ammunition corresponding to the gauge of said barrel, to be operated by said shell ejector, said ejector sleeve being provided with a slot in its wall, a set screw passing through said reduction liner and having one end positioned within said slot and the other end extending into the bore of the reduction liner to hold the shell therein against movement with respect to the liner, said slot permitting shifting of the ejector sleeve longitudinally upon said reduction liner, clip means connected with one end of said reduction liner and arranged for frictionally engaging the bore proper of said barrel, to support the liner concentrically therein, and an adjustable element mounted upon said reduction liner and arranged to engage the shoulder between the bore proper of the gun barrel and its shell chamber, to precisely adjust the position of the liner longitudinally within the gun barrel.

2,059,659
DRIVING DEVICE FOR TEXTILE MACHINES
Kurt Gustav Scheibel, Dresden-Strehlen, Germany, assignor to Würker G. m. b. H., Dresden A, Germany
Application October 23, 1934, Serial No. 749,641
In Germany October 6, 1933
14 Claims. (Cl. 66—82)



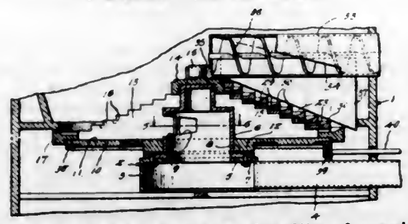
1. A driving means for the mesh forming elements of textile machines such as needle bars, taking off combs or the like comprising a drive shaft, a crank actuated by said drive shaft, a connecting bar pivotally connected to said crank, a link oppositely connected to said connecting bar and having at the other end a fixed fulcrum, a connecting rod pivotally connected to said connecting bar, said connecting rod being adjustable in length and means connecting said connecting rod to said elements.

2,059,660
ORE LOADING MACHINE
Barton R. Sheets, Denver, Colo., assignor to Gardner-Denver Company, Denver, Colo., a corporation of Delaware
Application September 9, 1935, Serial No. 39,684
5 Claims. (Cl. 214—132)



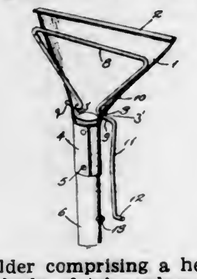
1. In a machine of the class described the combination of a motive propelled truck and a carriage pivotally mounted thereupon, guide elements carried by the carriage, segments supported by the guide elements and movable longitudinally of the carriage, motive means for moving said segments, a shovel fixed to the segments, elements carried by the carriage and engageable with the segments for imparting a rocking movement to the segments and the shovel carried thereby, said shovel during such movement swinging upwardly over the carriage from a loading position to an elevated dumping position, means for automatically interrupting the operation of the motive means prior to the shovel assuming its dumping position, manual means for changing the directional rotation of the motor, and a cam element operated by the motor and engageable with the shovel for initially moving the same from its dumping position to such a point in its travel where it is returned to its loading position by gravity.

2,059,661
ROTARY GRATE
Christian M. Shott, Monarch, Wyo., assignor to Kleenburn Stoker Corporation, Kleenburn, Wyo., a corporation of Wyoming
Application September 8, 1934, Serial No. 743,270
7 Claims. (Cl. 110—136)



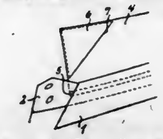
1. In a grate structure, a plurality of coaxially arranged annular plates of different diameters arranged in superposed fixed relation to form an approximately conical structure, each of said plates which lies beneath an adjacent plate being of an interior diameter materially less than the outside diameter of the overlying plate whereby an overlap of the plates is formed, and means connecting and securing the plates in vertically spaced relation whereby horizontal air passages are formed therebetween, each of said annular plates having a top area which is upwardly and outwardly inclined to form a fuel retaining lip, said lip being formed throughout the circumferential extent of the plate and having an interior diameter slightly greater than the overall diameter of the superimposed plate.

2,059,662
MOP HOLDER
Alton P. Smith, Wichita, Kans., assignor of one-third to Stephen A. Philmlee, Wichita, Kans.
Application December 11, 1934, Serial No. 756,999
1 Claim. (Cl. 15—150)



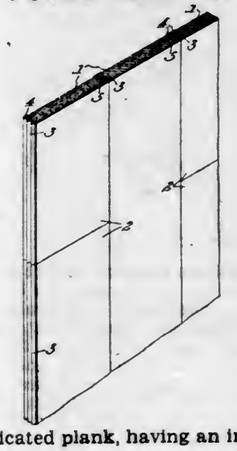
A mop holder comprising a head including a sheet metal body of triangular configuration, a downturned flange formed on the base end of the body and disposed at right angles thereto, a ferrule formed on the apex end of the body, flanges formed on the sides of the body and extending from adjacent the base flange to the ferrule, said side flanges increasing in width toward the ferrule to provide relatively wide portions merging into the ferrule, with opposed openings therein, an elongated handle secured in the ferrule and arranged in a plane substantially parallel to that of the body, a substantially triangular shaped jaw on the underside of the body and formed from a single strand of wire, said jaw including trunnions extending outwardly in opposed directions from its apex end and pivotally mounted in and extending through the openings, an arm formed on the outer end of one trunnion and extending at right angles therefrom to provide an operating lever for the jaw, said jaw having its base portion arranged for disposal in parallelism with the base flange for cooperation therewith and the body to provide clamping means for securing mop material to the body, and means extending from the handle for receiving the lever to hold the jaw in operative position.

2,059,663
FOLDING COLLAR
Thora Birgitte Ingeborg Sörensen, Copenhagen, Denmark
Application October 25, 1934, Serial No. 749,872
In Denmark November 25, 1933
3 Claims. (Cl. 2—116)



1. In a collar of the character described, a neck-band, a main collar carried by said neck-band and folded outwardly thereof, an auxiliary collar attached to the inner upper portion of the neck-band of substantially the same size and shape as the main collar, said auxiliary collar being adapted to cover the outer surface of the main collar and alternately lie against the inner surface of the neck-band, and means carried by the auxiliary collar for detachably securing the same to the main collar when in a position to cover the latter.

2,059,664
FIREPROOF METAL-CLAD INSULATING PLANK
Armen H. Tashjian, Cleveland, Ohio, assignor to The Rivet-Grip Steel Co., Cleveland, Ohio, a corporation of Ohio
Application June 13, 1934, Serial No. 730,481
3 Claims. (Cl. 72—68)



1. A fabricated plank, having an inner founda-

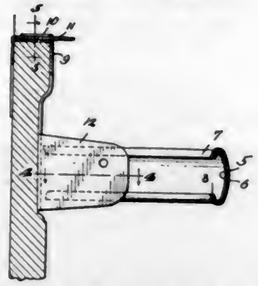
tion member of penetrable material and an outer member of solid metal likewise penetrable, the inner member having portions of the sides and edges of one of its ends left bare and the outer member extended at the opposite end sufficiently to overlap the bare portions of an adjacent plank and form a closed joint.

2,059,665

COMBINED SHADE AND CURTAIN HANGER

Alex Thompson, Amarillo, Tex., assignor of one-half to W. D. Jones, Amarillo, Tex.

Application November 29, 1935, Serial No. 52,258
4 Claims. (Cl. 156—22)



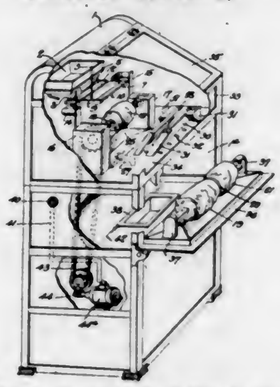
2. A combined curtain and shade hanger comprising telescoping members, each member having inwardly extended ends providing hangers, each hanger including an upwardly and rearwardly extended portion, flanges formed on the rearwardly extended portions, hook members adjustably held under the flanges, and said hook members adapted to fit between a wall and closure frame, securing the hangers in position.

2,059,666

BARBECUE MACHINE

Frederick Foster Thompson, Lawton, Okla.

Application December 5, 1932, Serial No. 645,872
3 Claims. (Cl. 53—5)



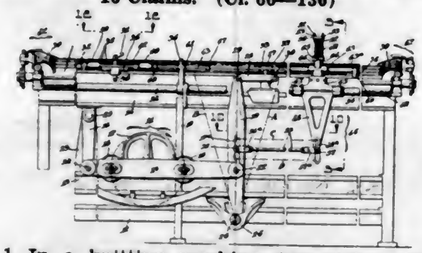
1. In a barbecue machine, a spit adapted to be inserted centrally of the meat to be baked, said spit being provided with a plurality of spaced transversely disposed means for storing and distributing seasoning materials to the interior of the meat, only those storage and distributing means which are supplied with seasoning materials being confined wholly within the meat being cooked, each one of the plurality of means being independent of the other.

2,059,667

SHOCK ABSORBER FOR STRAIGHT KNITTING MACHINES

Kurt O. Waechtler and Herbert M. Suess, Philadelphia, Pa., assignors to Textile Machine Works, Wyomissing, Pa., a corporation of Pennsylvania

Application February 4, 1935, Serial No. 4,744
16 Claims. (Cl. 66—130)



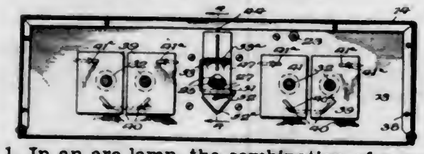
1. In a knitting machine, two reciprocating driven members and a driving member for each; one of said driven members operating at a speed less than said other driven member and one of said driven members subject to impact forces acting to shift its position relative to its driving member resulting from said differential in speed between said driven members, and means urging said relatively shiftable members to normal relative position comprising an element associated with one of said relatively shiftable members and a cooperating cam surface associated with the other of said relatively shiftable members, and resilient means for maintaining said element in engagement with said cam surface, whereby said forces acting to shift the relative position of said members are absorbed by the relative movement between said element and said cam surface.

2,059,668

ARC LAMP

James H. Wagenhorst, Detroit, Mich.

Original application March 4, 1931, Serial No. 520,139. Divided and this application June 24, 1935, Serial No. 28,188
11 Claims. (Cl. 176—58)



1. In an arc lamp, the combination of a movable electrode, a stationary electrode cooperating therewith, a control tube rigidly connected to said movable electrode, arc regulating mechanism, a clutch cooperating with said control tube and operatively connected to said arc-regulating mechanism, and a guide rod extending through said control tube, said guide rod being connected to said arc-regulating means for coordinate motion with said clutch.

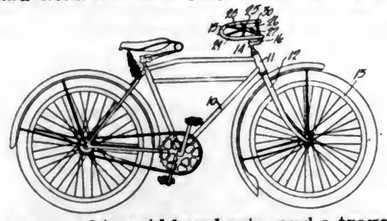
2,059,669

BICYCLE STEERING MEMBER

Carl F. Skoog, South Bend, Ind.

Application May 23, 1935, Serial No. 23,013
6 Claims. (Cl. 208—115)

1. A bicycle steering member comprising a head having a forwardly downwardly inclined arm adapted for connection with a steering element, a U-shaped hand grip including a rearwardly disposed curved central portion and forwardly extending end portions, a plurality of bars secured to said head and diverging therefrom, said bars



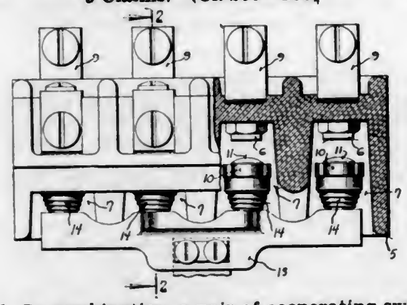
being secured to said hand grip, and a transverse brace secured at its ends to the ends of said hand grip and disposed forwardly of said head and above the level of said inclined arm.

2,059,670

ELECTRIC SWITCH

William F. Steenweg, Milwaukee, Wis., assignor to Allen-Bradley Company, Milwaukee, Wis., a corporation of Wisconsin

Application September 15, 1934, Serial No. 744,099
9 Claims. (Cl. 200—166)



1. In combination, a pair of cooperating switch contacts, means mounting the contacts for engagement and disengagement, the meeting faces of the contacts being so shaped that the contact therebetween is restricted to a small area so that the contacts may rock on each other when engaged, and common means to provide contact pressure and cooperating surfaces engaged when the contacts are engaged to afford a force acting on one of the contacts differently than the force providing the contact pressure to hold the same against rocking on the other contact.

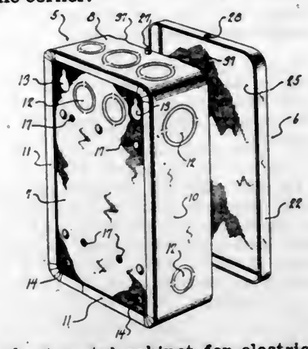
2,059,671

CABINET FOR ELECTRICAL CONTROL DEVICES AND METHOD OF MAKING THE SAME

William F. Steenweg, Milwaukee, Wis., assignor to Allen-Bradley Company, Milwaukee, Wis., a corporation of Wisconsin

Application April 15, 1935, Serial No. 16,387
5 Claims. (Cl. 113—116)

1. The hereindescribed method of making a cabinet for electrical control instrumentalities having a bottom wall and side and end walls and having "knock-outs" in certain of said walls, which comprises cutting a blank of sheet metal to a width in excess of the height of said side and end walls and to a length equal to the perimeter of the cabinet, punching any "knock-outs" to be located in the side or end walls in the blank of sheet metal while the same is in its flat state, cutting four series of side by side V-shaped notches in one side edge of the blank, bending up said side edge portion of the blank to form a flange interrupted by said four series of V-shaped notches, bending said blank adjacent each series of notches so as to form a rectangle with a flange directed inwardly and with the ends of the blank meeting, securing said ends of the blank together, and securing a piece of flat sheet metal to form the bottom wall and shaped to conform to the size and shape of the rectangle defined by the side and end walls to said flange, the V-shaped notches in the flange allowing the blank which forms the side and end walls to be bent into a rounded corner with the flange continuing about the corner.



5. A sheet metal cabinet for electrical control instrumentalities and the like, comprising two separate parts, one of which consists of a flat bottom wall stamped from sheet metal for carrying the instrumentalities to be mounted thereon and housed within the cabinet, the part consisting of side and end walls formed of one continuous piece of sheet metal of a length equal to the perimeter of the cabinet, said side and end walls being in the form of a frame the size of the bottom wall, flanges on one of said two parts overlapping the adjacent edges of the other part and secured thereto to permanently join said two parts, and means on the bottom wall for mounting the cabinet on a support so that all weight is borne by said bottom wall.

2,059,672

DRAPES, PORTIÈRES, CURTAINS, OR THE LIKE

David J. Tucker, Baltimore, Md.

Application September 27, 1935, Serial No. 42,366
2 Claims. (Cl. 156—10)



1. A drape of the class described, comprising a body portion, said body portion provided with a series of pleats, the contacting edges of said pleats being secured together to provide pockets, and means in said pockets to give a fixed design to said drapes.

2,059,673

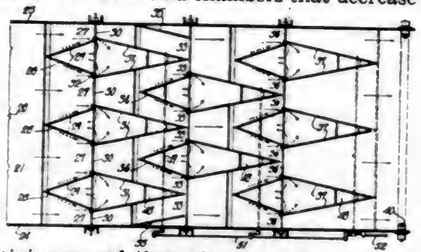
SEPARATOR

John E. Watson, New Rochelle, N. Y., assignor to Prat-Daniel Corporation, New York, N. Y., a corporation of New York

Application March 18, 1935, Serial No. 11,534
15 Claims. (Cl. 183—110)

1. Apparatus for separating suspended particles from a gaseous current which comprises a

tunnel through which said gaseous current may pass, vertical transverse chambers extending through said tunnel to divide said tunnel into passages between said chambers that decrease to



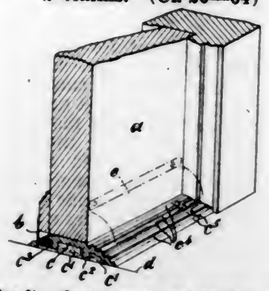
a minimum and then diverge, and vertical slots in the walls of said chambers at the minimum area of said passages opening forwardly to receive gases passing along the exterior walls of said chambers.

2,059,674

DRAFT, DUST, AND WEATHER EXCLUDER FOR DOORS AND WINDOWS

Norman Wood, Market Drayton, and Donald Pinder Lockett, Whitchurch, England

Application April 5, 1935, Serial No. 14,858
In Great Britain April 19, 1934
2 Claims. (Cl. 20—64)



1. A draft, dust, and weather excluder for doors and windows, which comprises, in combination, a shallow threshold plate having an upper surface inclining both forwardly and rearwardly and having a flat base recessed longitudinally for reception of a filling of water-excluding material, a shallow horizontal recess formed longitudinally in the inclined rear face of said threshold plate, a parallel series of drainage channels formed longitudinally in the inclined front face of said threshold plate, a resilient metal angle strip projecting from the lower front edge of the bottom rail of the door or window for interlocking engagement with said shallow horizontal recess, and a drip plate projecting from the front of said bottom rail in overhanging relation to said longitudinal drainage channels, the attachment edge of said angle strip being overturned into clamping engagement with an attachment edge of said drip plate, whereby said angle strip and said drip plate together constitute a unitary construction in which the angle strip provides an attachment mounting for the drip plate.

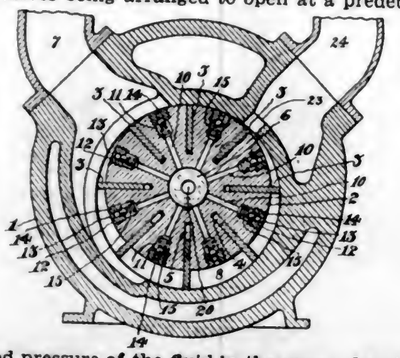
2,059,675

PUMP

George H. Woodard, Phillipsburg, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey

Application March 20, 1935, Serial No. 11,971
2 Claims. (Cl. 230—152)

1. A pump comprising a casing having a chamber and a movable pumping member therein, the casing having an inlet and an outlet port for fluid, the member having a discharge passage and a plurality of ducts leading from the pump chamber to the passage, and valves controlling the ducts, the valves being arranged to open at a predeter-



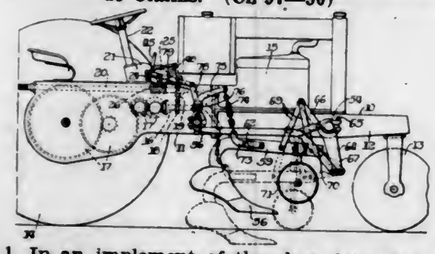
mined pressure of the fluid in the pump chamber to enable a part of the fluid to discharge from the pump through the ducts and passage, and the said outlet being dissociated from said passage and arranged to discharge the remaining fluid from the pump at the final pumping pressure.

2,059,676

TRACTOR POWER LIFT AND IMPLEMENT

Herman E. Altgelt, South Bend, Ind., assignor to Oliver Farm Equipment Company, a corporation of Delaware

Application August 7, 1933, Serial No. 683,949
15 Claims. (Cl. 97—50)



1. In an implement of the class described, in combination with a tractor having a motor for propelling the same, said tractor having front steering and laterally adjustable rear traction means, a power lift mounted on said tractor and driven by said motor, cranks located on the opposite side of the tractor forming a part of said power lift, an implement frame extending transversely across and under said tractor having its forward ends pivotally connected to said tractor and extending substantially the width of the tread of the rear traction wheels, and means for adjusting said frame in accordance with the width of said traction means said implement frame connected to said cranks for raising and lowering the same.

2,059,677

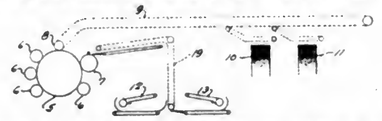
FEEDER FOR PRINTING PRESSES

Frank R. Belluche, Racine, Wis., assignor to Christensen Machine Company, Racine, Wis., a corporation of Wisconsin

Application August 26, 1935, Serial No. 37,920
17 Claims. (Cl. 271—9)

1. Feeding means for printing machines and the like having a front guide, comprising a plu-

rality of sheet separating means, and means for carrying successive sheets first from one and then



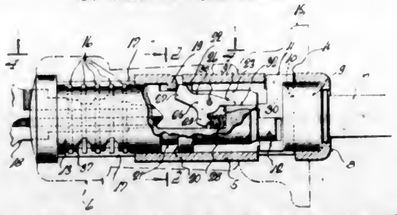
another of said sheet separating means directly to said front guide.

2,059,678

LOCK

Stephen F. Briggs, Milwaukee, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware

Application May 14, 1930, Serial No. 452,334
37 Claims. (Cl. 70—46)



1. In a lock device of the character described, a mounting member, a mounting member carried abutment, a lock cylinder movable in the mounting member in the performance of its normal locking functions, a lock cylinder carried abutment engageable with the mounting member abutment to removably secure the lock cylinder in the mounting member, a movable element forming a part of the lock cylinder abutment and past which the mounting member abutment is adapted to move during insertion and removal of the lock cylinder from the mounting member, and means for securing said movable element against movement by force imparted thereto through the mounting member abutment to prevent unauthorized removal of the lock cylinder from the mounting member.

37. In a lock device of the character described, a mounting member having an abutment, a lock cylinder movable in the mounting member in the performance of its normal locking functions, a barrier engageable with the mounting member abutment to removably secure the lock cylinder in the mounting member, said barrier being cut away for a distance to provide an outlet passage through which the mounting member abutment is adapted to pass during insertion and removal of the lock cylinder from the mounting member, and means yieldably urged to a position forming substantially a continuation of the barrier and closing said outlet passage to prevent unauthorized removal of the lock cylinder.

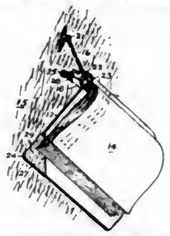
2,059,679

BOOK SUPPORTING DEVICE

Robert H. Burton, Oakland, Calif.

Application April 10, 1935, Serial No. 15,507
6 Claims. (Cl. 45—58)

1. In a device for supporting a book at an upright wall to extend obliquely therefrom in a position for reading, said book having relatively stiff cover sides, a flexible tension member connecting the book with the wall for the normal hanging support of the book from and at the wall, friction members at the free upper corners of the cover sides for operative engagement with the wall to secure the book in set position, and means automatically operative to render a



said friction member inoperative to thereby effect the release of the book from its set position after a predetermined time.

2,059,680

NEEDLE THREADER

Carl A. Carlson, San Francisco, Calif.

Application February 4, 1935, Serial No. 4,788
1 Claim. (Cl. 223—99)



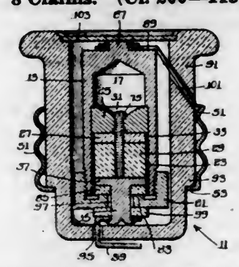
A needle threader comprising a wire loop having a central, relatively open part and a terminal bend, and a plate fastened to and underlying said loop, said plate having a first aperture therein underlying said central part of said loop and having a second aperture therein underlying said bend in said loop.

2,059,681

FUSE

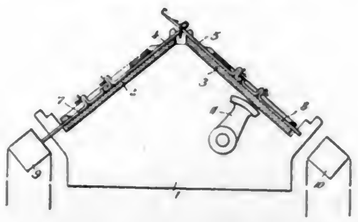
William C. Crimmins, Chicago, Ill.

Application February 9, 1935, Serial No. 5,771
8 Claims. (Cl. 200—113)



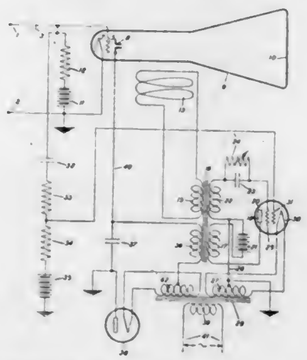
8. A circuit breaker of the character described comprising a cylindrical casing closed at one end, said casing being formed internally with a seat facing away and spaced from said closed end, a perforated element comprising an electrode on said seat in said casing, said element having electrical contact with the walls of said casing, means in and insulated from said casing and forming a restricted channel communicating with the perforation of said electrode, said restricted channel extending from said perforated electrode within said casing toward the open end thereof, a terminal exposed in and closing said restricted channel substantially at the open end of said casing, and clamping means for securing the perforated electrode, the channel-forming means and said terminal in operative position on and in said casing, said clamping means serving to hold the perforated electrode snugly on said seat whereby to define an explosion chamber between said perforated electrode and the closed end of the casing.

2,059,682
METHOD OF PRODUCING FABRICS SIMILAR TO RIBBED GOODS WITH THE AID OF KNITTING MACHINES
Hans Diem, Neuchatel, Switzerland, assignor to firm Edouard Dubied & Cie. S. A., Neuchatel, Switzerland
Application October 27, 1934, Serial No. 750,325
In Germany November 4, 1933
7 Claims. (Cl. 66—75)



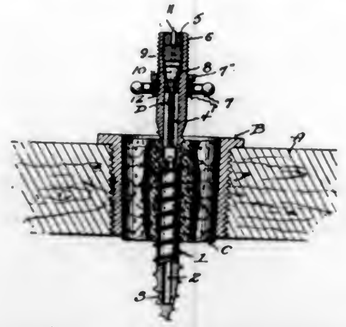
1. In a method of producing fabrics similar to ribbed goods with the aid of a knitting machine operating with two opposite rows of needles, the steps of forming in one row of needles selectively on individual needles stitches drawn through loops, of usual width, forming in the second row of needles at correspondingly selected points wider stitches than usual to extend across at least two needles of said row, and passing over said wider stitches to the needles of said first row, so that said wider stitches are each deposited upon a number of needles of said first row smaller than the number of needles on which they were formed.

2,059,683
SCANNING OSCILLATOR
Philo T. Farnsworth, San Francisco, Calif., assignor to Farnsworth Television Incorporated, a corporation of California
Application April 3, 1933, Serial No. 664,180
6 Claims. (Cl. 250—36)



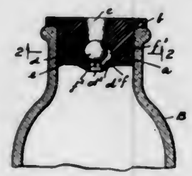
1. The method of controlling the waveform delivered by a vacuum tube oscillator having grid and plate circuits which comprises transferring energy from said plate circuit to said grid circuit in degree and ratio to provide an induced grid voltage in excess of that required to provide maximum plate current, and varying the impedance of said plate circuit both internally and externally of the tube by control of the phase and magnitude of said grid current.

2,059,684
SELFSEATING VALVE
Arwin C. Feld, Sheboygan, Wis.
Application January 20, 1936, Serial No. 59,919
2 Claims. (Cl. 217—99)



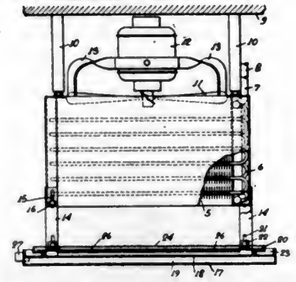
1. As a new article of manufacture, a pressure check valve for beer kegs or the like comprising a straight one-piece metallic hollow stem having a head portion and a wood-screw threaded at its lower portion, the same being provided with bottom discharge vents and a channel extending therethrough, the upper portion of the channel being enlarged and having a tapered seat threaded at its mouth, means extending from the head end of the stem for manually rotating the same, and a spring-controlled check valve unit fitted into the upper enlarged chamber portion, said check valve having a threaded head for engagement with the threads of the channel, and a tapered plug engaging the tapered seat of the aforesaid channel, said stem being exteriorly threaded at its upper end for engagement with a coupling.

2,059,685
ATTACHMENT OR DEVICE FOR BOTTLES OR OTHER CONTAINERS
Edward Davis Feldman, New York, N. Y., assignor to Cap and Cork Corporation, New York, N. Y.
Application May 24, 1935, Serial No. 23,181
11 Claims. (Cl. 215—75)



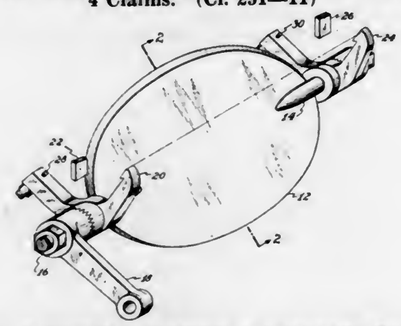
1. A dispensing stopper for bottles and other containers comprising a resilient body adapted to tightly fit in the mouth end of the container, said body being formed with a longitudinal duct having a constricted part at an intermediate point and being longitudinally channeled below said constricted part, a valve body movably borne in the channeled portion of said duct, said body being formed with means below said valve body adapted to normally hold said valve body against said constricted portion of said duct so as to close it against the unchanneled portion thereof, and on being pressed downwardly to open said duct and permit the dispensation of the contents.

2,059,686
COLD DIFFUSION APPARATUS
Donald French, Summit, N. J., assignor to Carrier Engineering Corporation, Newark, N. J., a corporation of New York
Application January 16, 1935, Serial No. 2,105
9 Claims. (Cl. 62—103)



1. In a unit for supplying conditioned air to an enclosure, a flat plate, a pan, said plate being substantially at the level of the top of the upturned edges of said pan, means for cooling air and means for impinging the air against said plate whereby the air will be deflected by said plate, condensate from the air flowing from said plate into said pan.

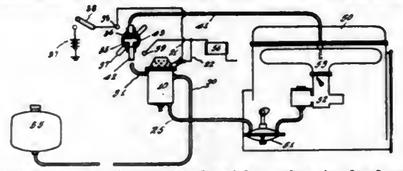
2,059,687
DEICING THROTTLE
Rudolph F. Gagg, Fairlawn, N. J., assignor to Wright Aeronautical Corporation, a corporation of New York
Application January 29, 1935, Serial No. 3,992
4 Claims. (Cl. 251—11)



1. A throttle comprising a torsionally flexible plate, stub shafts extending from opposite sides of said plate, a control lever secured to one of said stubs, a stop means secured to the other stub, the whole adapted for twisting distortion of the throttle plate by over-travel of the control lever beyond the position at which said stop means becomes active.

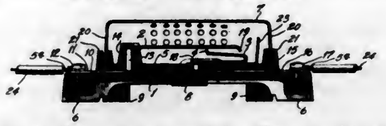
2,059,688
FUEL FEED FOR INTERNAL COMBUSTION ENGINES
Franklin W. Gamage and Franklin T. Gamage, Indianapolis, Ind.
Application July 22, 1933, Serial No. 681,686
12 Claims. (Cl. 123—198)

1. In combination, an internal combustion engine having a carburetor and an ignition system, means for supplying fuel to said engine, an auxiliary fuel tank, a switch in the ignition circuit of said engine, mechanism responsive to the level of fuel in said auxiliary tank for opening said switch when such fuel-level drops below a predetermined point, lock-controlled means for



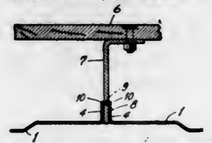
limiting the fuel supplied said engine to fuel withdrawn from said tank, and a lock-controlled switch connected in parallel with said first-named switch.

2,059,689
THERMOSTAT FOR FIRE ALARM SYSTEMS
Frank J. Gilbane, St. Louis, Mo., assignor to Automatic Fire Alarm System, Inc., St. Louis, Mo., a corporation of Missouri
Application March 8, 1935, Serial No. 9,933
12 Claims. (Cl. 200—138)



1. In a thermostat switch, the combination comprising a base having a bed, a pin projecting through and above the bed, a bimetallic member having one end secured to the pin and extending longitudinally above and substantially parallel with the bed with its other end free, a second pin extending above the bed, a second bimetallic member having one end secured to said second pin and looped over itself between said first member and the bed and having its other end free, the free end of each member being adjacent a portion of the other member whereby contact may be made by either member with the other upon deformation thereof under the influence of heat.

2,059,690
CAR ROOF CONSTRUCTION
Garth G. Gilpin, Riverside, Ill., assignor to P. H. Murphy Company, New Kensington, Pa., a corporation of Pennsylvania
Application January 20, 1936, Serial No. 59,809
18 Claims. (Cl. 108—5)

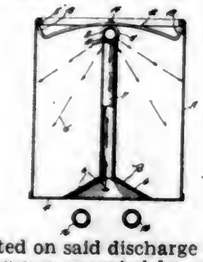


1. A car roof construction comprising metal roof sheets disposed crosswise of the car, and metal running board saddles disposed with their lower portions between and rigidly secured to certain sheets.

2,059,691
WASH BOILER
Edgar F. Girod, deceased, late of St. Louis, Mo., by Rosa B. Kingsbury, executrix, St. Louis, Mo., assignor to herself, individually
Refiled for abandoned application Serial No. 695,881, February 29, 1924. This application December 26, 1935, Serial No. 56,249
1 Claim. (Cl. 68—30)

An attachment for a wash boiler receptacle that has an inwardly extended flange at its upper end comprising a pair of bottomless hollow steam

chests adapted to be mounted on the bottom of said receptacle, a horizontal perforated discharge pipe, vertical pipes connecting said steam chests and said discharge pipe and supporting said discharge pipe near the upper end of said receptacle,



a ring mounted on said discharge pipe, and a resilient locking arm mounted for rotation about a vertical axis on said ring for engaging said flange to hold said appliance in place within said receptacle.

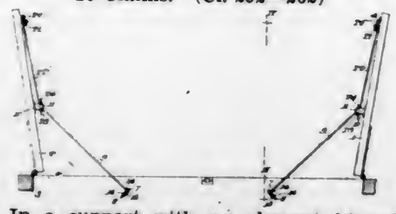
2,059,692

LOCKING AND RELEASING MECHANISM FOR SWINGING DOORS OR THE LIKE

Frederick C. Griswold, Port Jefferson, N. Y.

Application December 17, 1935, Serial No. 54,824

10 Claims. (Cl. 292—262)



1. In a support with an element hinged to swing thereon, a fixed locking member provided with two loops, a hook bar mounted for universal movement on the swinging member and having one part slidable and rotatable in one loop and another part slidable in the other loop for automatically locking the hook bar to the fixed member when the swinging element is open, and manually operated means for rocking the hook bar axially in said last named loop to release it from its locking engagement with the fixed member.

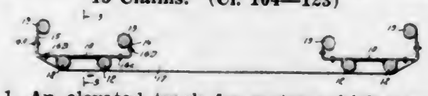
2,059,693

ELEVATED TRACK FOR MOTOR VEHICLES

William Lindsay Hamilton, New York, N. Y.

Application March 21, 1935, Serial No. 12,195

15 Claims. (Cl. 104—123)



1. An elevated track for motor vehicles comprising two separate riding plates, each capable of supporting a wheel of a motor vehicle, a plurality of cables separately supporting each of the plates, and means for preserving the proper space relation between the plates.

2,059,694

LOCK

Edward N. Jacobi, Milwaukee, Wis., assignor to Briggs and Stratton Corporation, Milwaukee, Wis., a corporation of Delaware

Application November 30, 1928, Serial No. 322,890

10 Claims. (Cl. 70—46)

1. In a lock device having a mounting member provided with a recess having an aperture leading therefrom to its exterior, a lock cylinder movable in the mounting member between definite limits, a spring pressed detent carried by the lock cylinder and having a portion yieldably retained in the mounting member recess to cooperate with the recess and limit the movement of the cylinder in the mounting member between said definite limits, and said detent registering with said aperture when the cylinder is in a predetermined position whereby a tool may be inserted to free the detent from the recess and permit the ready removal of the cylinder from the mounting member.



7. In a lock structure, a mounting unit, a locking unit movable therein in the performance of its normal locking functions, and cooperating abutments carried by the units for limiting movement of the locking unit in the mounting unit and removably securing the locking unit in the mounting unit, one of said cooperating abutments being movable to inactive position by a tool inserted in one of the units when the units are in predetermined relative positions to disengage the abutments and release the locking unit for removal.

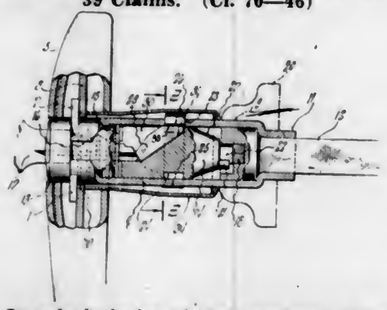
2,059,695

LOCK

Edward N. Jacobi, Milwaukee, Wis., assignor to Briggs & Stratton Corp., Milwaukee, Wis., a corporation of Delaware

Application March 16, 1929, Serial No. 347,651

39 Claims. (Cl. 70—46)



1. In a lock device of the character described, a mounting member, a lock cylinder rotatable in the mounting member upon the insertion of a proper key, means for securing the lock cylinder assembled with the mounting member, and means engageable by the end of the key for moving the securing means to inactive position to permit the lock cylinder to be removed from the mounting member.

35. In a device of the character indicated, a cylinder, a plug rotatably mounted therein, said plug having a longitudinal key slot, locking means carried by said cylinder for locking said plug against withdrawal from said cylinder, said locking means being accessible from the front of said plug through said slot for permitting the same to be unlocked and drawn outwardly through the front of the cylinder.

39. A lock of the character described comprising, a housing, a cylinder rotatable within the

housing and having a series of tumblers, said housing having a longitudinal slot in which the outer ends of the tumblers are adapted to be received, said cylinder having a keyway to receive a key to retract the tumblers from the slot, and a circumferential groove formed on its inner end beyond the tumblers, said housing having an aperture in alignment with the groove, retaining means mounted on the periphery of the housing and having a part extending through the aperture and into the groove to prevent the cylinder from axial movement while permitting rotative movement thereof, said retaining means being adapted to be engaged by a key insertable within the keyway for disengaging the retaining means from the groove to permit the cylinder to be removed from the housing.

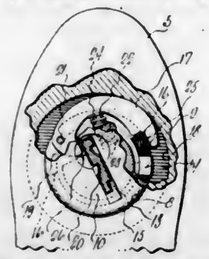
2,059,696

LOCK

Edward N. Jacobi, Milwaukee, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware

Application July 1, 1929, Serial No. 375,039

9 Claims. (Cl. 70—46)



1. A lock device comprising a mounting member, a lock cylinder having a key receiving opening and being movable in the mounting member in the performance of its normal locking functions upon the insertion of a proper key in the key receiving opening, and locking means for securing the lock cylinder against removal from the mounting member and operable to inactive position by an element inserted into the lock cylinder key receiving opening with the key in place to release the lock cylinder for removal outwardly of the locking member.

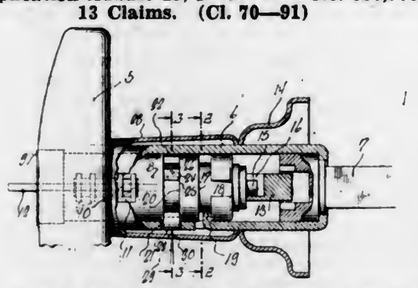
2,059,697

LOCK

Edward N. Jacobi, Milwaukee, Wis., assignor to Briggs and Stratton Corporation, Milwaukee, Wis., a corporation of Delaware

Application August 19, 1929, Serial No. 386,903

13 Claims. (Cl. 70—91)



1. In a lock device of the character described a mounting member having an abutment, a lock cylinder movable in the mounting member in the performance of its normal locking functions, a yieldable member carried by the lock cylinder and engageable with the mounting member abutment to releasably secure the lock cylinder in the mounting member, said yieldable member being movable out of engagement with the mounting member abutment to release the lock cylinder for withdrawal from the mounting member, and means preventing withdrawal of the lock cylinder except when it is moved to a predetermined position relative to the mounting member.

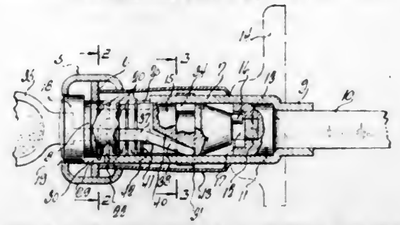
2,059,698

LOCK

Edward N. Jacobi, Milwaukee, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware

Application November 9, 1929, Serial No. 406,038

18 Claims. (Cl. 70—46)



1. In a lock structure, a mounting member, a lock cylinder movable in the mounting member, locking tumblers adapted to restrain movement of the lock cylinder when in a predetermined position, said tumblers being retractable by a proper key to free the cylinder for movement to another position, means including one of the locking tumblers for maintaining the lock cylinder in said second position, and said tumbler being so shaped as to permit movement of the lock cylinder from said second position without the use of a key.

8. In a lock structure of the character described, a tubular mounting member, a lock cylinder within the mounting member, cooperating means carried by the mounting member and the lock cylinder for detachably securing the lock cylinder in the mounting member, the lock cylinder having a key receiving aperture, locking tumblers operable by a key insertable in said aperture, and means insertable through the key receiving aperture to disable said cooperating means upon movement of the lock cylinder to release the lock cylinder for withdrawal, said means being of such size as not to disturb the positions of the tumblers.

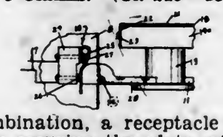
2,059,699

DRIER FOR RAZORS AND RAZOR BLADES

Walter M. Larson, Minneapolis, Minn.

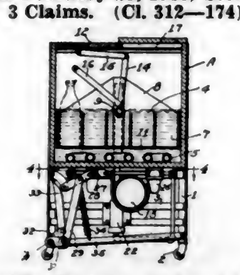
Application February 17, 1936, Serial No. 64,241

6 Claims. (Cl. 219—19)



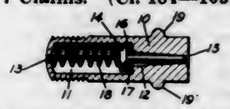
1. In combination, a receptacle plate, means for hingedly securing the plate with respect to a wall, an electric receptacle carried by the plate and exposed to the exterior thereof when the plate is in closed position against the wall, and an electric drier carried by the plate at the inner side thereof and for disposition in a horizontal position when the plate is in an outwardly swung or open position.

2,059,700
COOLER CABINET
Henry R. Loosley and Wendell O. Lowry, East St. Louis, Ill.
Application February 23, 1935, Serial No. 7,716
3 Claims. (Cl. 312—174)



1. In a bottle-dispensing cabinet having a vertically movable tray for holding the bottles thereon and a horizontally movable closure plate therefor, a channel extending upwardly through the bottom of said housing, a second channel in the sides of said tray and receiving said first channel to guide the latter, foot-controlled means for lifting said tray, upright elements at the sides of said tray connected to said foot-controlled means and movable through the bottom of said housing within said first-mentioned channel and having their upper ends operatively connected to said tray to move therewith, and links connecting said tray and closure plate to actuate the latter through movement of the former.

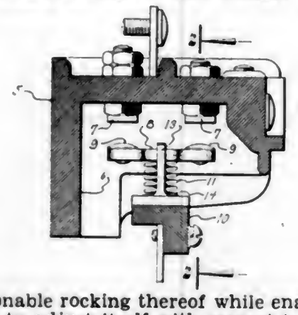
2,059,701
PRESSURE FITTING FOR LUBRICATION
John Franklin MacIndoe, Philadelphia, Pa., assignor to The Lubrication Corporation, Chicago, Ill., a corporation of Delaware
Application April 26, 1933, Serial No. 667,996
7 Claims. (Cl. 184—105)



1. A nipple comprising, a body having a portion forming a chamber and a portion having a tapered passage therethrough terminating at its smaller end in a lubricant inlet and communicating at its larger end with said chamber, said chamber end portion being provided with a discharge port, a valve in said chamber arranged to seat over said passage, said valve being of lesser diameter than said chamber, an annular washer forming the working face of said valve, a spring in said chamber normally holding said valve seated, a stem on said valve extending into said passage and forming locating means for said washer, said stem being of greater length than said valve and cooperating at its outer end with the tapered wall of said passageway to provide a guide means for seating the valve over the end of said passageway, and means for attaching a grease supply fitting to the passage end of said nipple.

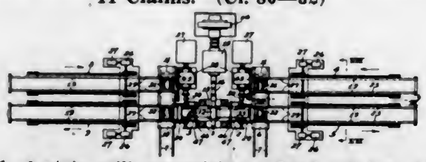
2,059,702
ELECTRIC SWITCH
Lynn H. Matthias, Shorewood, Wis., assignor to Allen-Bradley Company, Milwaukee, Wis., a corporation of Wisconsin
Application September 15, 1934, Serial No. 744,131
10 Claims. (Cl. 200—166)

1. In combination with cooperating electric switch contacts having engaging surfaces, one of which is substantialy convex so that when engaged one of the contacts is apt to rock on the other, means acting on said contact to prevent



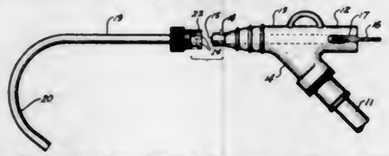
objectionable rocking thereof while enabling said contact to adjust itself with respect to the other contact.

2,059,703
COIL HANDLING APPARATUS
Walter W. McBane, Pittsburgh, Pa., assignor to United Engineering & Foundry Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application February 9, 1933, Serial No. 655,877
11 Claims. (Cl. 80—32)



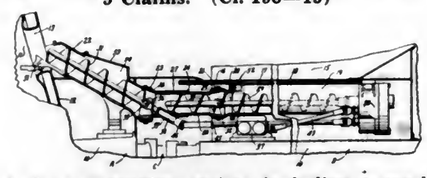
1. A strip mill comprising a fixed coil box, two conveyors one of which is in alignment with said coil box, and transfer means for shifting devices into and out of alignment with said conveyors at the ends thereof adjacent said coil box and for operatively connecting said coil box and the conveyor in alignment therewith.

2,059,704
LUBRICANT NOZZLE EXTENSION
Charles E. Miller, Milwaukee, Wis., assignor to Wadhams Oil Company, Milwaukee, Wis., a corporation of Wisconsin
Application May 10, 1935, Serial No. 20,789
4 Claims. (Cl. 221—84)



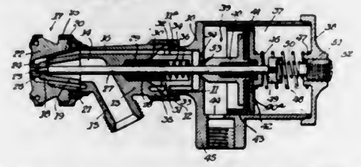
1. An extension device for use with a lubricant nozzle having a short, rigid barrel, said barrel having a discharge end provided with an exterior lug, comprising a rigid extension tube, a tubular coupling member having one end formed with a bayonet slot for detachable engagement with the lug on the discharge end of said nozzle, and means carried by the inner end of the extension tube engageable with the coupling member to clamp the inner end of the extension tube against the discharge end of the nozzle and to clamp the coupling member in engaged position with the lug, the outer end of the extension tube being freely insertable in a lubricant receiving aperture and being hook shaped to support the nozzle in suspended position.

2,059,705
STOKER CONVEYER
Otto Moeller, Brooklyn, N. Y., assignor to The Standard Stoker Company, Incorporated, a corporation of Delaware
Application May 4, 1935, Serial No. 19,769
5 Claims. (Cl. 198—15)



1. In a conveying system including a conduit having a material discharge portion and a portion for advancing material to the receiving end of said discharge portion, said conduit portions being flexibly connected for relative movement therebetween and being in endwise communication, a conveying screw in said material discharge portion and a conveying screw in said material advancing portion, said last named screw being free at its forward end and spaced apart from the rearward end of said first named conveying screw, a motor for operating said screws, shafting operatively connecting said motor with the conveying screw in the material advancing portion of said conduit and shafting extending through the wall of said last named conduit portion at one end flexibly connected to the screw in the material discharge portion of said conduit adjacent the flexible connection between said conduit portions and at its other end operatively connected with said motor.

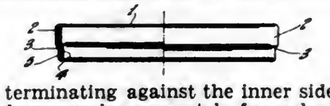
2,059,706
AIR PAINTING DEVICE
Jens A. Paasche, Wilmette, Ill.
Application July 16, 1931, Serial No. 551,137
11 Claims. (Cl. 299—140)



8. A spray gun comprising a body with a material passageway therethrough terminating at its front end in a discharge nozzle, a cylinder separate from said passageway, a piston in said cylinder, a needle extending through said piston with its front end in cooperative relation to said nozzle, means to admit fluid pressure to the front end of the cylinder to move said piston rearwardly, a spring in said cylinder opposing the rearward movement of the piston, a head on the needle valve engageable by said piston in its rearward movement to open said needle valve, and a second spring acting on the needle valve independently of the piston to oppose the opening of said needle valve.

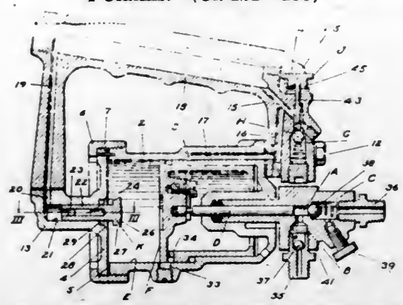
2,059,707
CLOSURE FOR BOTTLES, JARS, AND LIKE CONTAINERS
Keith Alexander Robinson, Maidenhead, England, assignor to The Paper Cap Manufacturing Company Limited, Hanworth, England
Application June 19, 1933, Serial No. 676,443
In Great Britain June 27, 1932
3 Claims. (Cl. 215—38)

1. A bottle closure comprising, in combination, a disc of resilient fibrous material constituting its top and having a composite two-ply seamless flange folded therefrom and integral and continuous therewith the inner ply of said



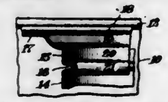
flange terminating against the inner side of said top and an annular separately formed reinforcement interposed between the two plies of the composite flange.

2,059,708
MOTOR FOR LUBRICATING PUMPS
Harris C. Roth, South Bend, Ind., assignor to The Lubrication Corporation, South Bend, Ind., a corporation of Delaware
Application July 22, 1932, Serial No. 623,943
4 Claims. (Cl. 121—156)



1. In a fluid operated lubricant pump, a fluid motor comprising, a cylinder, a piston mounted for reciprocation in said cylinder, said piston having a portion of limited area on one side thereof subjected during operation to constant fluid pressure, means for admitting and exhausting fluid to and from said cylinder on the opposite side of said piston including a valve adapted to open by engagement of said piston therewith and to be held open by fluid pressure within said cylinder, means for subjecting the valve at all times during the operation of the motor to fluid pressure tending to close the valve, and means for reducing fluid pressure in said cylinder upon the termination of the pressure stroke of said motor piston whereby said fluid pressure tending to close the valve may become effective to close the valve.

2,059,709
REEL FOR ADHESIVE TAPE AND THE LIKE
Herman W. Rueger, Brooklyn, N. Y., assignor to J. L. Clark Manufacturing Co., Rockford, Ill., a corporation of Illinois
Application May 28, 1932, Serial No. 614,165
5 Claims. (Cl. 242—123)



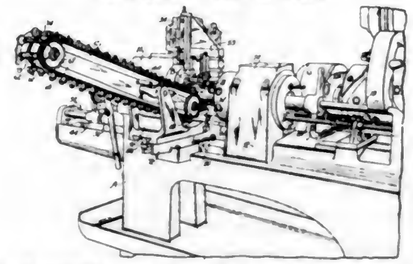
2. An adhesive plaster spool, comprising a tubular body formed from sheet metal and adapted to carry a roll of adhesive tape of a width equal to the length of said body, said body having formed therein a short distance from one end thereof an inwardly projecting anchoring rib, and a head abutting the extreme end edge of the body and having a fastening member projecting axially therefrom and bent around said rib to fasten the head permanently in position on the body.

2,059,710

AUTOMATIC METALWORKING MACHINE

Harry W. Rupple, Shaker Heights, Ohio, assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio, a corporation of Ohio

Application May 26, 1934, Serial No. 727,761
10 Claims. (Cl. 29—60)



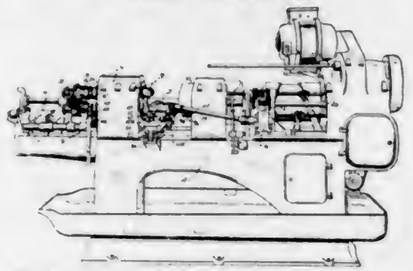
1. A chucking machine of the character referred to, comprising a rotatable work carrying spindle, an endless belt conveyor supported adjacent said spindle adapted to support a plurality of work blanks, means for periodically moving said conveyor whereby the work blanks are successively brought into axial alignment with said spindle, and means for transferring the work blank in alignment with said spindle from said conveyor to said chuck.

2,059,711

AUTOMATIC METALWORKING MACHINE

Harry W. Rupple, Shaker Heights, Ohio, assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio, a corporation of Ohio

Application October 6, 1934, Serial No. 747,128
9 Claims. (Cl. 29—37)



1. In a machine of the character described, the combination of a rotatable work carrying spindle, means for rotating said spindle, automatic means for periodically disconnecting the first mentioned means from said spindle and holding the same stationary for a predetermined interval of time, a tool slide movable longitudinally of the axis about which said spindle rotates, a tool spindle rotatably supported by said tool slide and adapted to support a milling cutter, and automatic means for moving said slide in predetermined timed relation to the actuation of the second mentioned means.

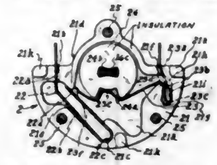
2,059,712

CONTROL DEVICE

Newton C. Schellenger, Elkhart, Ind., assignor to Chicago Telephone Supply Co., Elkhart, Ind., a corporation of Indiana

Application March 5, 1934, Serial No. 713,973
4 Claims. (Cl. 200—153)

4. An electric switch comprising a plurality of contact elements, at least one of which is resilient and movable into and out of engagement with another of said contact elements, means for controlling the engagement and disengagement of said contact elements including a cam engaging and operating said resilient element, and a shaft for actuating the cam, said cam consisting



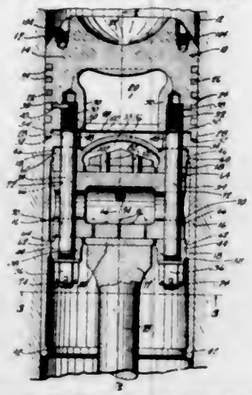
of a plurality of superposed cam layers engaging said movable contact element with their edge portions, there being lubricant disposed between the adjoining faces of said layers, whereby to lubricate the engageable surfaces of the cam and movable contact element.

2,059,713

ENGINE PISTON

Heinrich Schneider, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill., a corporation of Illinois

Application May 19, 1933, Serial No. 671,821
4 Claims. (Cl. 309—16)



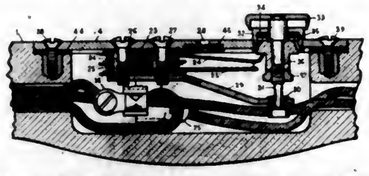
1. A piston including, in combination, a chambered head section having a crown portion of concavo-convex aspect, a hollow skirt section, a bearing bracket for a wrist pin assembly, detachably mounted within the skirt section, a wrist pin in said bracket, the bracket consisting of a cylindrical member having a dome-shaped head partition and provided with a cross bore adapted to receive a wrist pin, the bracket being further provided with diametrically opposed bores, each of a trend longitudinally of the piston, arcuate seat portions near the ends of the bracket, each adapted to seat against a correspondingly curved internal surface of the skirt, for positioning said bracket with respect to said skirt, and in heat conducting relation therewith, a lateral bore extending through each end portion of the wrist pin, and a pair of holding elements extending through the said longitudinal bracket bores and said wrist pin bores, and into detachable engagement with the head section of the piston, a heat-insulating element detachably disposed between the skirt and bracket, and a heat-conducting bridge element disposed between said head section and skirt, said last named element being spaced from the crown of said head section and from the bracket partition.

2,059,714

HAND TELEPHONE

Hans Sengebusch, Villa Park, Ill., assignor to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware

Application August 3, 1934, Serial No. 738,186
3 Claims. (Cl. 179—103)



2. A hand telephone comprising a transmitter casing and a receiver casing joined together by a handle, a cavity in the center of the handle, a supporting plate covering said cavity having a hole therethrough, a filter closing said opening to the free passage of liquids therethrough but permitting the passage of air therethrough as required to maintain air pressure on both sides of said plate substantially equalized, an operable member passing through another hole through said plate, means for also sealing the area surrounding said operating member against the free passage of liquids; an assembly mounted on said plate inside said cavity including, means for holding said filter thereto, a set of contact springs, and a guide member for said operating member; and means for holding said operating member in operative relation to said springs.

2,059,715

MEANS FOR AIR CONDITIONING RAILROAD CARS

Alfred E. Stacey, Jr., Essex Fells, Carlyle M. Ashley, South Orange, and Herman Richard Arf, Elizabeth, N. J., assignors, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J., a corporation of New York

Application December 26, 1929, Serial No. 416,600
2 Claims. (Cl. 98—13)



1. In combination with a railroad car a duct, the structure of the car cooperating with the sides of the duct to form an enclosure, one of said sides serving to extend a monitor arrangement in the upper part of the car, openings in the duct for discharging air and means attached to the duct for dissipating the discharged air comprising an extension projecting from the duct, deflecting means within the extension for routing air thereto from the duct, the extension having one end thereof protruding so that the outlet from the extension is larger than the inlet from the duct to the extension, and diffusing means at the outlet.

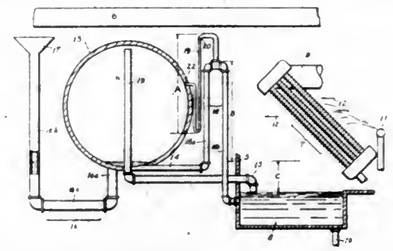
2,059,716

LIQUID LEVEL CONTROL DEVICE

James Swinburne, East Orange, N. J., assignor to Carrier Engineering Corporation, Newark, N. J., a corporation of New York

Application February 2, 1934, Serial No. 709,541
8 Claims. (Cl. 137—68)

2. A combination of apparatus of the character described, comprising a sealed reservoir, an open sump located below said reservoir, a liquid passageway from said reservoir to said sump, a siphon



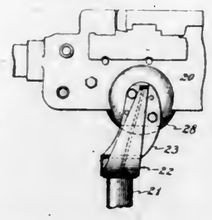
in said liquid passageway, and a passage between said reservoir and the top of said siphon, said passage constituting an air trap.

2,059,717

FLEXIBLE ADAPTER FOR MACHINE GUNS

Clem G. Trimbach, Kenmore, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc., a corporation of New York

Application August 7, 1933, Serial No. 683,958
3 Claims. (Cl. 89—37)



1. The combination with a machine gun of a sphere having a diameter greater than the width of said gun, said sphere having a slot within which said gun may lie to bring the center of gravity thereof and the center of said sphere into substantial coincidence, a pair of segmental blocks frictionally engaging the outer surface of said sphere, and a yoke carrying said blocks at the opposite ends of a diameter of said sphere.

2,059,718

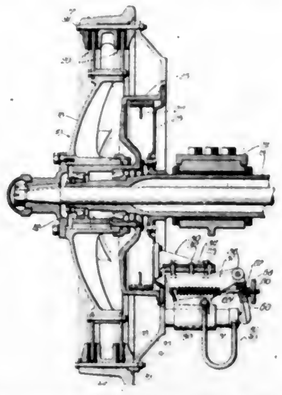
SIGNAL MEANS FOR RAIL CARS

Alfred O. Williams, Battle Creek, Mich., assignor to Clark Tructractor Company, Battle Creek, Mich., a corporation of Michigan

Application March 3, 1933, Serial No. 659,517
12 Claims. (Cl. 246—34)

1. In a rail car, an axle housing, a cushioned wheel journaled thereon and provided with a hub portion and a metallic rail contacting tread portion separated therefrom by cushioning means and movable relative to said hub portion, a collector member carried by and movable with said metallic rail contacting tread portion in electrical contact therewith, said cushioning means serving to electrically insulate the rail contacting tread portion and selector member from said hub portion, a bracket supported by said housing and including a portion disposed adjacent said collector member, and brush means carried by said bracket portion for collecting current from said metallic tread portion without causing the same to pass through the hub portion, said brush

means being adapted to be maintained in electrical contact with said collector member while



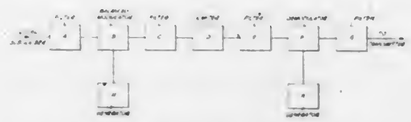
accommodating the relative movement between said hub and tread portions of the rail car wheel.

2,059,719

RADIO TELEPHONE SYSTEM

William Proctor Wilson and Francis Money Graham Murphy, Chelmsford, England, assignors to Radio Corporation of America, a corporation of Delaware

Application May 18, 1933, Serial No. 671,620
In Great Britain May 25, 1932
3 Claims. (Cl. 179—1)



1. In a radio telephone transmitter a source of audible signals to be transmitted, a filter circuit connected to said source said filter circuit passing only a predetermined and useful range of said signal frequencies, a modulator connected to the output of said filter and to a local source of oscillations whereby the filtered signal frequencies are impressed on the oscillations to produce modulated energies, a second filter connected to the output of said modulator to pass one side band only of the output of said modulator, an amplitude limiter connected to the output of said last mentioned filter, and a second filter connected to the output of said limiter to pass a band corresponding to the aforesaid band wherein lie the desired signals which have been converted into the supersonic or higher audio frequency range, said last mentioned filter serving thus to eliminate first order terms of demodulation distortion introduced by the limiter.

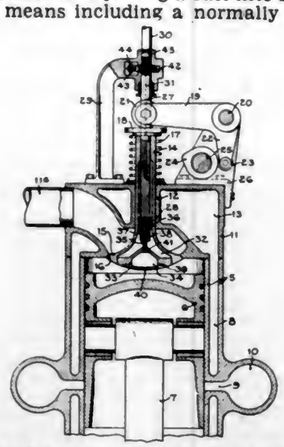
2,059,720

INTERNAL COMBUSTION ENGINE

Allan R. Wurtele, New Roads, La.

Application August 13, 1932, Serial No. 628,647
26 Claims. (Cl. 123—32)

1. In an internal combustion engine, a power cylinder having a port, a valve for said port having a precombustion chamber in the head thereof, and means for injecting a fuel into said chamber, said means including a normally stationary



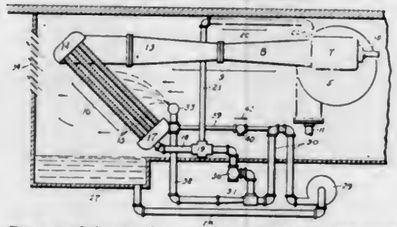
cylinder and a piston therein movable with said valve.

2,059,721

METHOD AND MEANS FOR CONTROLLING THE FLOW OF LIQUID

Carlyle M. Ashley, Maplewood, N. J., assignor, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J., a corporation of New York

Application December 2, 1933, Serial No. 700,670
13 Claims. (Cl. 62—152)



1. In a refrigeration apparatus, an evaporator, a condenser, a steam ejector connecting said evaporator and condenser, a well for collecting liquid from said condenser, an inverted trap connecting said well and said evaporator for supplying a portion of the liquid from said well to said evaporator, means for controlling the flow of liquid through said trap, and means for discharging the remaining portion of said liquid over the surfaces of said condenser.

2,059,722

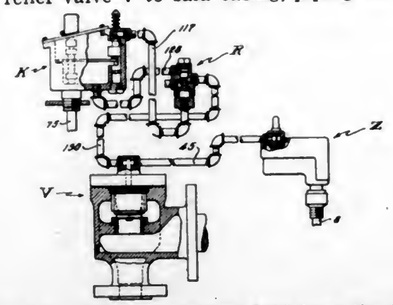
APPARATUS FOR CONTROLLING PRESSURE FLUID

Rudolf Beck and James Briscoe, Bridgeport, Conn., assignors to Consolidated Ashcroft Hancock Company, New York, N. Y., a corporation of Delaware

Application February 14, 1934, Serial No. 711,162
8 Claims. (Cl. 122—479)

2. The combination with a pair of pressure fluid containers G, S in which pressure fluid is maintained at substantially different temperatures, respectively, a relief valve V for the container S in which the higher temperature is maintained, said relief valve V having a back pressure chamber provided with a movable wall and a restricted passage which admits pressure fluid from the high temperature container S to

said back pressure chamber, thermally actuated valve devices K and Z on the respective containers G and S, fluid conducting piping 45 extending from said back pressure chamber of the valve V to the thermally actuated valve device Z, said device Z being constructed and arranged to vent pipe 45 at a predetermined temperature, a protective device R including a casing, piping 130 leading from the back pressure chamber of the relief valve V to said casing, piping 117 ar-



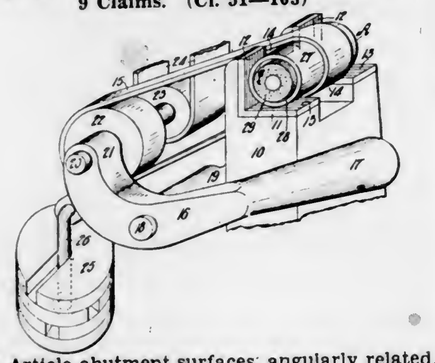
ranged to conduct actuating fluid from the thermally actuated valve device K to said casing, said casing having venting means therein actuable by fluid supplied through piping 117 for venting pipe 130 when the fluid in container G attains a predetermined temperature, the venting means being constructed and arranged to prevent flow of pressure fluid from the high temperature container S through piping 130 and 117 to the valve device K, substantially as set forth.

2,059,723

MEANS AND METHOD FOR ROTATING AND LOCATING ARTICLES FOR MACHINING THEREOF

Ottis R. Briney, Pontiac, Mich.

Application April 13, 1927, Serial No. 183,629
9 Claims. (Cl. 51—103)



3. Article abutment surfaces, angularly related, flat and stationary, to be contacted by an article to be machined to locate the article in a definite position for machining thereof, a belt to contact and to retain and to rotate the article against said surfaces, and a tool for boring the article having the cutting pressure thereof directed toward said surfaces.

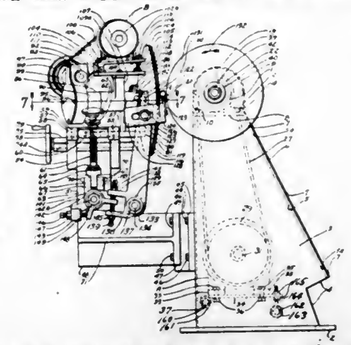
2,059,724

FINISHING MACHINE

Gustave A. Carlson, Detroit, Mich.

Application December 22, 1933, Serial No. 703,662
16 Claims. (Cl. 51—103)

13. In a machine for finishing a cylindrical member, the combination of a finishing member revolvably mounted and engaging said cylindrical member, a frustum member revolvably mounted and engaging said cylindrical member, a structure supporting said cylindrical member, means for adjusting said structure in vertical and transverse directions, a lever member pivotally mounted and supporting said frustum member,



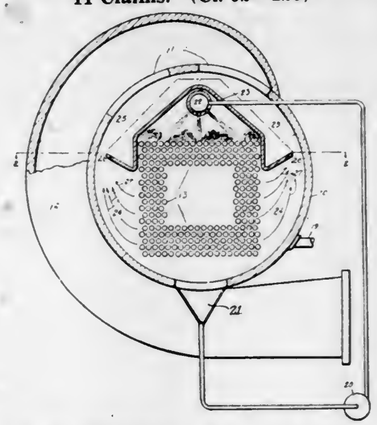
means for adjusting said frustum member to and from said cylindrical member, an adjusting mechanism operatively connected with said lever member to adjust the position of said frustum member in a vertical plane, and means for driving said frustum member in its revolvable movement.

2,059,725

SHELL AND TUBE EVAPORATOR

Willis H. Carrier, Elizabeth, N. J., assignor to Carrier Engineering Corporation, Newark, N. J., a corporation of New York

Application March 9, 1934, Serial No. 714,768
11 Claims. (Cl. 62—126)



5. In an evaporator, a shell, a vapor outlet from the shell proximate the top thereof, a tube nest passing through said shell, means for discharging refrigerant liquid over said tube nest, and a hood completely covering said means and tube nest for confining the refrigerant liquid to said tube nest.

2,059,726

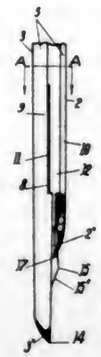
WEFT-FEEDER FOR WEAVING LOOMS WITH CONTINUOUS WEFT FEEDING

Raymond Dewas, Amiens, France

Application October 17, 1934, Serial No. 748,657
In France November 10, 1933
1 Claim. (Cl. 139—122)

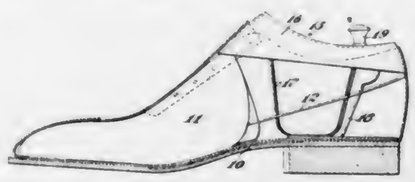
A weft-inserting device comprising a body hav-

ing two ends, said ends having the shape of two pronged riders, one of the prongs of the rider extending beyond the other whilst retaining the same width, said body having a small side and a large side, said longer prong ending in a cant which extends from said small side to said large side, whereby a point is formed which is adapted to be situated close to the reed and approximately at an equal distance from the sheets, the outer face of said point presenting a trimmed surface joining the plane surface of said body, the inner face of said point presenting an inclined plane



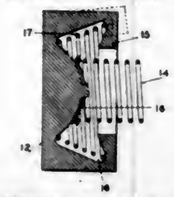
surface, said body having another surface which is inclined in the opposite direction and which forms an additional thickness, the first-mentioned inclined plane surface being prolonged to the opposite face in the direction of said small side by the last-mentioned surface, said body having another inclined plane joining the last-mentioned surface to the cant, the shorter prong of said body having a cant beginning at the small side of said body somewhat behind the end of said additional thickness, whereby a point is formed substantially at the place where said additional thickness has its maximum width.

2,059,727
SHOE FORM
William J. De Witt, Auburn, N. Y., assignor to Shoe Form Co., Inc., Auburn, N. Y., a corporation of New York
Application October 3, 1935, Serial No. 43,352
17 Claims. (Cl. 12—128)



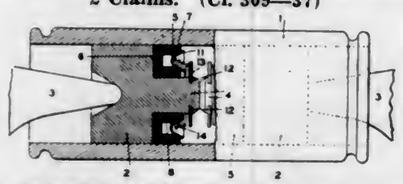
1. A shoe cap for closing the top opening of a shoe having a shoe form therein, comprising a flanged cover plate, the forward end of which rests upon the shoe form, and means carried by the cover plate for supporting the shoe cap independently of the shoe form, such means comprising a pair of curved wires each secured at both ends to the flange of the cover plate at either side thereof and resting at their intermediate portions upon the slip sole and/or heel pad of the shoe.

2,059,728
PACKING CUP
Burns Dick, Ferguson, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a corporation of Delaware
Application May 29, 1933, Serial No. 673,367
10 Claims. (Cl. 309—34)



1. In fluid pressure apparatus, the combination with a piston sealing cup of flexible material provided with an inwardly extending flange adjacent its lip, of means for increasing the contact pressure of the lip of the cup on the cylinder wall, said means comprising a coiled spring having one end engaging the bottom of the cup and the other end engaging the inwardly extending flange on the cup adjacent its lip, and applying pressure to the flange in a direction which is at an angle to a plane perpendicular to the cup axis.

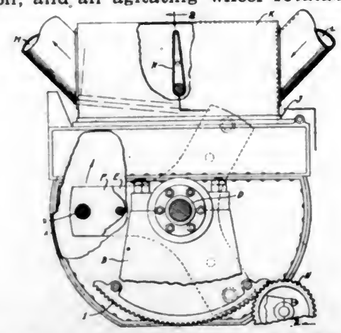
2,059,729
SEALING CUP EXPANDER
Burns Dick, Ferguson, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a corporation of Delaware
Application May 15, 1935, Serial No. 21,588
2 Claims. (Cl. 309—37)



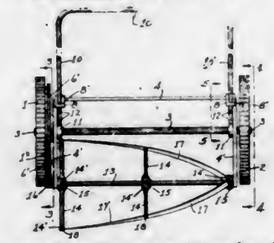
1. In a piston and piston sealing structure for reciprocation in a fluid containing cylinder, a piston provided with a central projection extending forwardly from its face, a sealing element surrounding the piston projection and comprising a body portion engaging the piston face and an outer annular flange engaging the cylinder wall and an inner annular flange engaging the piston projection, an annular ring lying between the annular flanges of the sealing element and provided with diverging surfaces, one of which engages the outer flange and the other the inner flange of said sealing element, said ring being spaced from the body portion of the element, an abutment carried by the projection forwardly of the sealing element, and an expansible coil spring surrounding the projection and interposed between the annular ring and the abutment and biasing the ring toward the body of the sealing element.

2,059,730
DOUGH MIXING APPARATUS
James C. Gordon, Detroit, Mich., assignor to Gordon Baking Company, Detroit, Mich., a corporation of Michigan
Application December 26, 1935, Serial No. 56,211
1 Claim. (Cl. 107—31)

A dough-mixing apparatus, comprising, in combination with a container provided with a top closure member through which material may be introduced into the container, a baffle member supported by said top closure member in vertical position over the central portion of the container, an air inlet connection positioned on one side of said baffle member, a suction connection leading from the upper portion of the container space on the opposite side of the baffle member from the location of said air inlet connection, and an agitating wheel rotatably positioned within the container subjacently of said baffle member and adapted to centrifugally project masses of the material being worked upon against one face of the baffle member, thereby effecting its repeated temporary disintegration in the line of air flow from the inlet to the outlet connections and the resultant release of gaseous particles from its mass for withdrawal through said suction connection.



2,059,731
WEED CUTTER
Louis J. Haager, Richmond, Ind.
Application August 5, 1935, Serial No. 34,650
3 Claims. (Cl. 56—252)

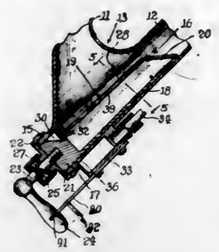


1. In a weed cutting machine having a frame member with a central shaft extending therethrough, a drive wheel revolvably secured on one end of said central shaft, an idler wheel revolvably secured on the opposite end of said central shaft, a tubular handle member, collars encircling said central shaft with each having an extended portion projecting therefrom, said extended portion being inserted into the end portions of the tubular handle member and rigidly secured therein, and brackets adjustably securing said handle member with relation to the frame member.

2,059,732
NITRIDED ALLOY STEEL COLD-DRAWING DIE
William Herbert Hatfield, Hathersage, England, assignor to Thos. Firth & John Brown Limited, Sheffield, England, a British company
No Drawing. Application July 24, 1934, Serial No. 736,785. In Great Britain July 25, 1933
5 Claims. (Cl. 148—31)

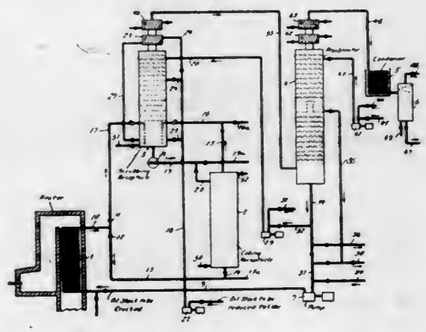
1. A cold-drawing die made from a nitrogenized alloy steel containing 8 to 25% of tungsten, an effective amount up to 1% of carbon, an effective amount up to 8% of chromium, an effective amount up to 3% of vanadium, an effective amount up to 20% of cobalt, and modified by the further addition of an effective amount to 2% of aluminum, the balance being iron together with such other alloying elements and impurities as are usual in alloy steels, the die being characterized by having a core-hardness of the order of 550 Brinell and a surface-hardness of upwards of 1100 on the diamond hardness scale.

2,059,733
DEVICE FOR CLEANING DRAIN TRAPS
Otto E. Heisser, Chicago, Ill.
Application May 17, 1934, Serial No. 726,051
Renewed March 25, 1936
10 Claims. (Cl. 182—22)



1. A device for cleaning drain traps comprising, in combination, a U-shaped trap having one leg leading to the trap and another leg leading to a drain, means including a sleeve journaled concentrically within said last mentioned leg for closing the leg leading to the trap, and means for introducing pressure fluid into the trap behind accumulated matter therein.

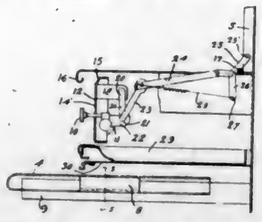
2,059,734
ART OF COKING HYDROCARBONS
William Walton Johnson, Houston, Tex., assignor to Sinclair Refining Company, New York, N. Y., a corporation of Maine
Application March 22, 1932, Serial No. 600,424
1 Claim. (Cl. 202—15)



In an operation combining a cracking operation in which oil is heated to a high cracking temperature in vapor phase, a coking operation in which oil is reduced to coke by direct heat exchange with hot oil products from the cracking operation and a scrubbing operation in which

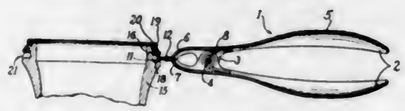
oil to be reduced to coke is preheated by direct heat exchange with hot oil products from the cracking and coking operations, the improvement which comprises dividing the stream of hot oil products from the cracking operation into two parts, passing one part of that stream through the coking operation and then introducing it into the scrubbing operation and during the coking operation, introducing the other part of that stream directly into the scrubbing operation without passing through the coking operation, introducing the oil to be reduced to coke into the scrubbing operation, supplying the liquid oil mixture separated in the scrubbing operation to the coking operation and there reducing the said liquid mixture to coke by direct heat exchange with hot oil products from the said cracking operation.

2,059,735
STOVE OR RANGE
Emmett F. Kennedy, Garfield Heights, Ohio, assignor to The Cleveland Co-Operative Stove Company, Cleveland, Ohio, a corporation of Ohio
Application April 14, 1932, Serial No. 605,254
3 Claims. (Cl. 126—42)



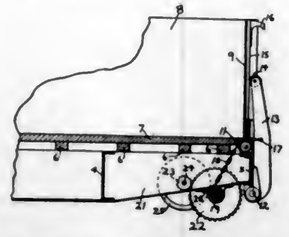
3. A stove or range comprising the combination of a burner section, a hinged cover plate adapted to overlie the top of said burner section, a plurality of fuel-control operating handles of non-circular contour disposed in the front side of said burner section, a panel plate normally disposed in the front horizontal face of said burner section and inwardly movable past said handles to expose the latter for operation, said panel plate having similarly shaped openings adapted to fit over said handles only when the latter are in off position, and link mechanism connecting the inward and outward movement of said panel plate to the opening and closing movement, respectively, of said cover plate.

2,059,736
BOTTLE CAP REMOVER
Joseph A. Manarik, Chicago, Ill.
Application January 18, 1936, Serial No. 59,758
2 Claims. (Cl. 65—46)



2. A bottle cap remover including a pair of jaw portions and means for spreading the jaw portions apart, said jaw portions being comparatively thin in the direction of their spreading movement whereby the two jaws may enter into the space between a shoulder on a bottle and a sealing cap thereon and then be spread apart for prying the cap from the bottle, the jaw portions being comparatively wide and rounded at their forward end to fit around a substantial portion of the periphery of a bottle whereby the force applied to the cap by the jaw portions for prying the cap from the bottle is so distributed as to prevent undue concentration of force and appreciable mutilation of the cap.

2,059,737
COMBINED SIDE AND PLATFORM FOR CARS
Alonzo C. Mather, Chicago, Ill.
Application December 15, 1932, Serial No. 647,380
4 Claims. (Cl. 105—258)



1. In a device of the class described, a car body provided with a vertical side hinged at its lower edge to said body, an arm hinged at its lower end to said body below the floor level and substantially in the vertical plane of the hinged side and having its free upper end engaging said side, an idler pulley mounted below the car floor, a shaft pivotally mounted below the car floor, a large gear secured to said shaft, a small gear meshing with said large gear, a hand wheel rigidly connected to said small gear and a flexible element having one end connected to said shaft and the other end connected to said arm at a point spaced substantially longitudinally from said arm hinge, the intermediate portion of the flexible element passing over said idler pulley.

2,059,738
POWER TRANSMITTING APPARATUS
Ralph Gordon McCurdy, Englewood, N. J.
Application June 19, 1926, Serial No. 117,180
8 Claims. (Cl. 172—246)

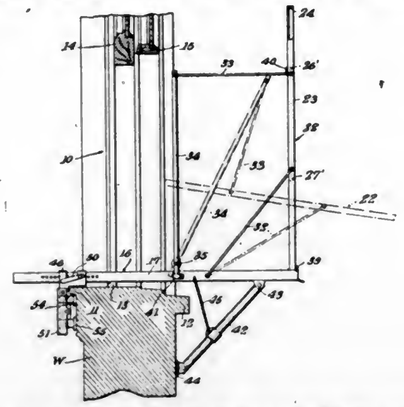


1. In combination, a source of power, a step-up transformer, a transmission line, phase-correcting apparatus comprising two shunt reactances and a series transformer, associated with a capacitance, a step-down transformer and a load, said phase-correcting apparatus having a characteristic impedance equal to the characteristic impedance of the transmission line and a wave-length constant opposite to the wave-length constant of the transmission line.

2,059,739
SAFETY WINDOW SCAFFOLD
Jacob Ment, Sidney Ment, and Herbert Ment, New York, N. Y.
Application August 13, 1934, Serial No. 739,520
5 Claims. (Cl. 304—27)

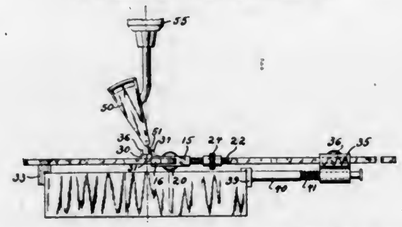
5. In a portable window scaffold means to engage the inside wall of a window casement com-

prising a plurality of wall contacting members, a freely pivoted link connecting said members



and means to guide each of said contacting members for movement in a horizontal plane.

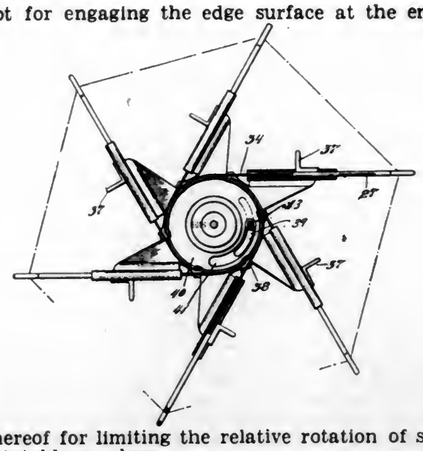
2,059,740
VERNIER CALIPER
Thomas H. Minchew, Detroit, Mich.
Application March 13, 1935, Serial No. 10,773
3 Claims. (Cl. 33—143)



3. In a vernier caliper including fixed and movable work-engaging jaws and a measuring scale for determining the relative location of the movable jaw with respect to the fixed jaw, additional work-engaging means including a fixed abutment projecting laterally from one side of the scale and a cooperating abutment carried by and movable as a unit with said movable jaw and arranged upon the other side of the scale, said cooperating abutment and movable jaw being spaced from each other similarly to the relative spacing of the fixed jaw and fixed abutment, and common indicia carried by the movable jaw and cooperating with said scale for determining both the relationship between the fixed and movable jaws and the relationship between the fixed and cooperating abutments.

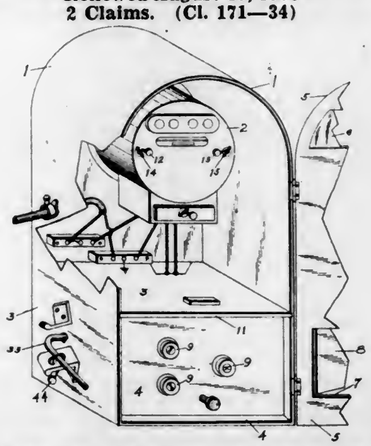
2,059,741
SWIFT
Frank Mossberg, Attleboro, Mass., assignor to Mossberg Pressed Steel Corporation, a corporation of Massachusetts
Application May 31, 1933, Serial No. 673,705
5 Claims. (Cl. 242—110)

1. In a swift, a pair of relatively rotatable members, each provided with a slot therein, resilient means for relatively rotating said rotatable members, and abutment means adjustably secured to the surfaces adjacent to one of said slots and extending therethrough and into the other slot for engaging the edge surface at the ends



thereof for limiting the relative rotation of said rotatable members.

2,059,742
COMBINATION METER AND SWITCH BOX PROTECTOR
Perfecto Petri, New Kensington, Pa.
Application March 2, 1934, Serial No. 713,661
Renewed August 15, 1936
2 Claims. (Cl. 171—34)

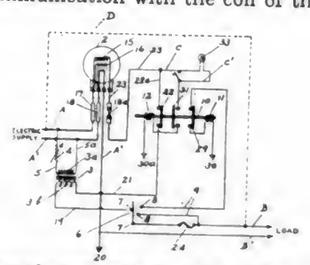


1. In an electrical meter installation the combination with an electrical meter having a supply circuit thereto and a load circuit therefrom, of a relay, a disconnect switch for selectively making or breaking the connection between the supply circuit and the load circuit, said switch having contacts which in its breaking position effect a connection between the load circuit and the solenoid of the relay, whereby when the load circuit is energized abnormally with the switch in the off position said contacts function to energize the relay solenoid, the said relay having a pair of associated and cooperating contacts arranged to close upon relay energization to complete a circuit from the load side of the meter to ground, thereby causing a recording flow of current through the meter.

2,059,743
ELECTRICAL METER SYSTEM
Perfecto Petri, New Kensington, Pa.
Application January 18, 1935, Serial No. 2,379
16 Claims. (Cl. 171—34)

1. In combination with an alternating current

meter for measuring the delivery of electrical power comprising a coil, a supply circuit in electrical communication with the coil of the meter, a load circuit comprising a conductor in electrical communication with the coil of the meter,



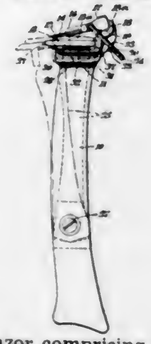
and a transformer effective in said conductor; whereby upon application of a bridge conductor around the meter with the load circuit uninterrupted the coil of the meter remains subject to current directed thereto by a voltage effect created at the transformer.

2,059,744

SELF-SHARPENING SAFETY RAZOR

Thomas J. Pilliod and Ferdinand C. Müller, Swanton, Ohio, assignors to De Haven Razor Corporation, a corporation of Delaware

Application June 20, 1933, Serial No. 676,626
13 Claims. (Cl. 30—36)



1. A safety razor comprising a handle, a head having a guard thereon, a hone plate mounted on said guard, said guard and hone plate being reciprocable for sharpening the razor, a seat and shoulders on said head, said seat being unobstructed above for supporting and positioning the rear portion of the blade, a blade supported upon said seat in shaving position, and a single means for holding said blade upon said seat and against said shoulder.

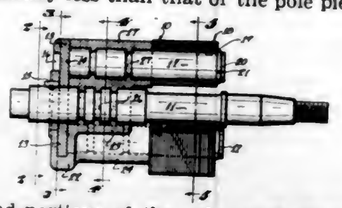
2,059,745

MAGNETO-ELECTRIC MACHINE

Curt F. Reis, Beloit, Wis., assignor to Fairbanks, Morse & Company, Chicago, Ill., a corporation of Illinois

Application October 19, 1934, Serial No. 748,996
8 Claims. (Cl. 171—209)

1. In a rotor structure for magnetos of the rotating field type, a shaft, pole pieces arranged parallel to the shaft, the shaft and pole pieces being circumferentially grooved, a magnetic bridging element engaging corresponding end faces of certain of said pole pieces, a one-piece body formed of a non-magnetic metal characterized by a relatively low affinity for ferrous materials, the body including a substantially cylindrical base portion, and tubular portions projected in an axial direction therefrom, the metal of the body being in permanently-compressed embracing relation to the grooved portions of said shaft and pole pieces and about the bridging element, said body being of an axial length substantially less than that of the pole pieces, so



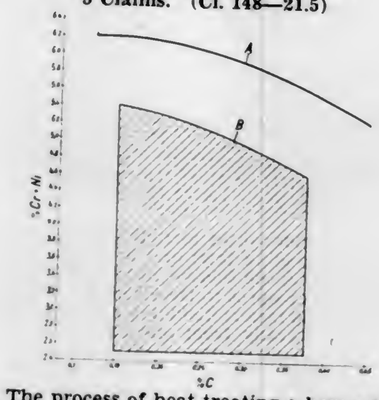
that end portions of the pole pieces project beyond the body, pole shoes on the projecting ends of certain of the pole pieces, with the inner faces of the shoes abutting said tubular portions, and means externally engaging the extremities of the pole pieces, in positions to secure said shoes in assembly on the pole pieces in abutting relation with said tubular portions.

2,059,746

HOMOGENEOUS ARMOR PLATE

Fritz Rittershausen, Essen, Germany, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany

Application October 27, 1932, Serial No. 639,881
In Germany December 15, 1931
5 Claims. (Cl. 148—21.5)



1. The process of heat treating a homogeneous armor plate made from a steel alloy containing about 0.12 to 0.42% carbon, about 2 to 3.75% chromium, an appreciable amount of nickel not over about 3%, and metal selected from the group molybdenum, tungsten in the proportion 0.2 to 1% molybdenum, 0.3 to 3% tungsten, the remainder substantially all iron, the total of chromium and nickel referred to the carbon content being not higher than indicated by the curve A of the drawing, which process consists in hardening the plates throughout by a uniform heat treatment and reheating them at a temperature of about 700° C.

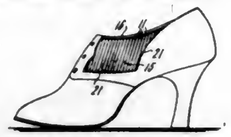
2,059,747

ELASTIC MULTI-PLY MATERIAL AND ELASTIC SHOE EMBODYING THE SAME

Edward F. Roberts, Rye, N. Y., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware

Application February 19, 1936, Serial No. 64,662
2 Claims. (Cl. 36—51)

1. A shoe having the upper thereof formed at least in part of stretchable multi-ply sheet material comprising a sheet of pleated leather backed with elastic fabric to yieldingly retain the leather in the pleated condition, the pleated leather being attached to the elastic fabric by an adhesive binder that secures only the spaced ribbed por-



tions thereof to the fabric, said elastic multi-ply material having its upper edge cut on a curved line, and said upper edge being provided with a finishing bead formed of a narrow strip of elastic binding fabric having one edge positioned under the body of said strip to conceal this edge at the outer face of the multi-ply material.

2,059,748

WETTING DEVICE

William H. Rose, Jersey City, N. J.

Application March 24, 1936, Serial No. 70,577
11 Claims. (Cl. 91—67.5)



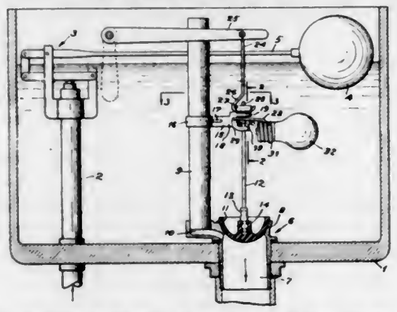
1. In a wetting device, in combination, a compressible, water-impervious, non-absorbent, flexible resilient member adapted to be attached to the neck of a container, the sides of which are inclined toward each other and an exposed applicator face member connecting terminals of said sides, said applicator face member having a plurality of normally open apertures through the face thereof.

2,059,749

FLUSH VALVE FOR TOILET TANKS

Alfred Rosewood, San Francisco, Calif.

Application September 28, 1935, Serial No. 42,655
8 Claims. (Cl. 4—67)



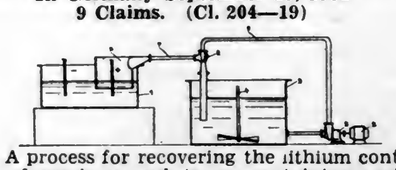
1. In combination, a toilet tank, an outlet conduit in the tank having a valve seat, a valve on said seat having a rod rising therefrom, a guide for the rod, a plate loosely overlying the guide and having a perforation through which the rod extends and means engaging the plate at a distance from the perforation for raising the plate whereby the plate is tilted and the edges of the perforation are made to raise the rod.

2,059,750

PROCESS FOR THE PRODUCTION OF LITHIUM SALTS AND METALLIC LITHIUM

Oskar Roder, Langelsheim, and Hans Siegens, Goslar, Germany, assignors to American Lurgi Corporation, New York, N. Y., a corporation of New York

Application September 10, 1932, Serial No. 632,626
In Germany September 15, 1931
9 Claims. (Cl. 204—19)



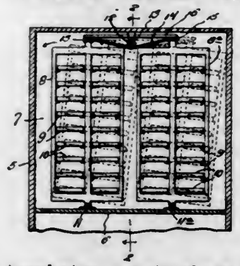
6. A process for recovering the lithium content of a ferruginous substance containing water-insoluble lithium phosphate which comprises dissolving the lithium as lithium chloride by treating the substance with free elementary chlorine in an aqueous medium, electrolytically decomposing the lithium chloride in molten condition into lithium and chlorine and treating fresh lithium-containing material with the chlorine.

2,059,751

EGG TRAY SUPPORTING AND TILTING DEVICE

Willie Gayle Schlottmann, Comfort, Tex.

Application July 15, 1935, Serial No. 31,492
2 Claims. (Cl. 119—44)



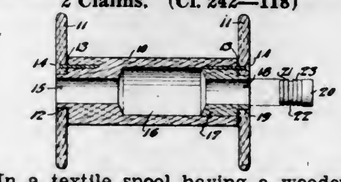
1. In an incubator, a pair of egg tray supporting racks arranged in side by side relation, each of said racks comprising an open rigid frame having means for supporting a tier of egg trays in spaced superposed relation, means pivotally mounting said racks for lateral bodily tilting movement about an axis located at the bottom of each rack, and means operatively connected to the tops of said racks for selectively tilting them simultaneously in either of opposite directions.

2,059,752

SPOOL

Erving A. Schuster, Freeland, Pa., assignor to Freeland Spool and Bobbin Corporation, Hazleton, Pa., a corporation of Pennsylvania

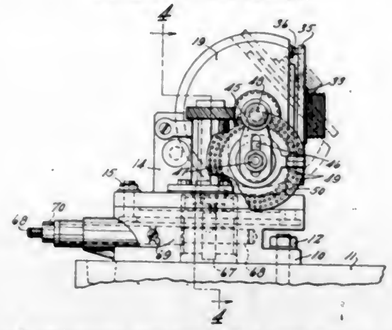
Application June 21, 1934, Serial No. 731,749
2 Claims. (Cl. 242—118)



2. In a textile spool having a wooden barrel presenting spindle bores in the opposite ends, a pair of substantially cylindrical non-metallic

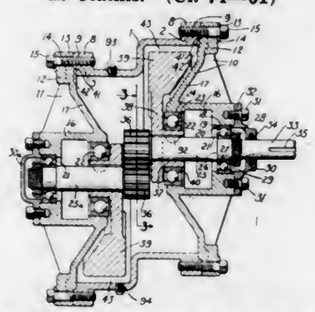
bushings pressed longitudinally into said bores and each having a roughened outer surface presenting projections extending in different directions which tend to bite into the walls of the bores and thereby resist longitudinal displacement of the bushings in either direction.

2,059,753
UNIVERSAL INDEX HEAD
James Y. Scott and Byron F. Stowell, Springfield, Mass., assignors to Van Norman Machine Tool Company, Springfield, Mass., a corporation of Massachusetts
Application October 28, 1935, Serial No. 47,070
3 Claims. (Cl. 90—57)



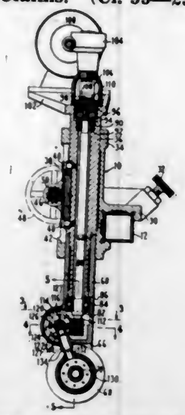
1. A universal dividing head comprising power engaging means, a base adapted for mounting on a milling machine table, a housing pivotally mounted on said base for adjustable movement about a vertical axis, a head pivotally mounted in said housing for adjustable movement about a horizontal axis, a work supporting spindle rotatably mounted in said head, a vertical shaft in said base and in gear connection with said power means, a second vertical shaft in gear connection with the first named shaft, and gear connecting mechanism between the second named shaft and the spindle whereby the spindle may be rotated, when set angularly on either of said axes.

2,059,754
VIBRATOR
William T. Shaler, Silver Creek, N. Y.
Application October 5, 1935, Serial No. 43,747
12 Claims. (Cl. 74—61)



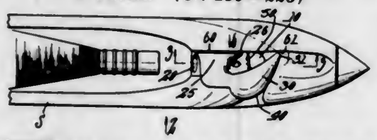
1. In a vibratory motion producing device, of the type comprising a pair of rotatable shafts having mutually intermeshing gears and each supporting a weight at one side of the rotary axis of the shaft and the shaft adapted to be rotatably driven, a main frame, a pair of frame members detachably secured in spaced relation on the frame, each comprising assembled therewith and supported solely thereby a pair of axially aligned bearings and one of the shafts rotatably supported on each pair of bearings, the bearings disposing the gears to mutually intermesh, and means for securing the frame upon an apparatus to be vibrated.

2,059,755
TRACING DEVICE, MORE ESPECIALLY FOR CUTTING MACHINES
Donald L. Smith, Dunellen, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y., a corporation of New York
Application February 1, 1934, Serial No. 709,393
12 Claims. (Cl. 33—23)



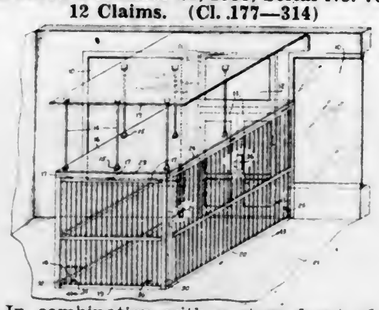
2. In a tracing device of the type having a driven member and a drive shaft, the combination of two gearing connections of equal value between the drive shaft and the driven member, one of the gearing connections being movable relatively to the other, and means for holding said connections in such relation that one of them drives the driven member and the other lags behind the driving connection by an amount equal to the combined backlash of both gearing connections so that there is no lost motion in the gearing connections between the drive shaft and the driven member.

2,059,756
SELF-THREADING SHUTTLE EYE
Philip L. Spencer, Millbury, Mass., assignor to Watson-Williams Manufacturing Company, Millbury, Mass., a corporation of Massachusetts
Application March 11, 1935, Serial No. 10,432
1 Claim. (Cl. 139—223)



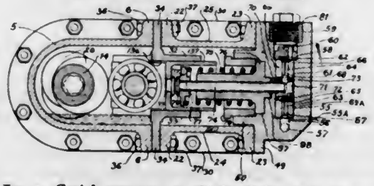
A shuttle eye comprising a block having a longitudinally disposed and forwardly converging slotted thread passage therein, with an overhanging retaining member forming the upper wall of said passage and having a forward projection at its front end, a horn for said block extending forwardly from said block and having a forward end portion which is offset transversely and downwardly to form a thread-retaining hook at the side of said horn toward said thread passage, and said block having a portion substantially offset laterally at the opposite side of said horn and substantially spaced laterally from said forwardly converging passage, said portion extending downward substantially below the point of thread delivery from the shuttle and having a guide opening in its lower end positioned substantially below the thread-supporting surface of the forwardly converging thread passage, said guide opening being closed at all sides except for a single narrowed threading slot directed downwardly from said guide opening and through which slot only a thread may enter said opening, said guide opening also forming the entire delivery passage for the thread from the shuttle in which the shuttle-eye is mounted.

2,059,757
PROTECTION SYSTEM
Alfred L. Sprecker, Freeport, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application December 21, 1933, Serial No. 703,363
12 Claims. (Cl. 177—314)



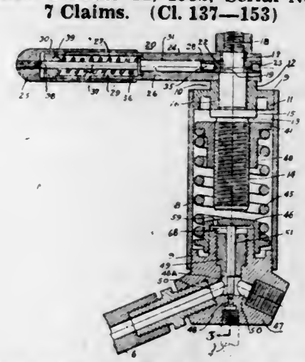
1. In combination with a store front of conventional form and having a door, removable means adapted to be mounted adjacent the door to form a restricted space in which to store merchandise, locking devices for securing the removable means in place adjacent the door, contact devices associated with said locking devices, protective wires in said removable means adapted to form a protective circuit with said contact devices which circuit is sensitive to tampering with the removable means or locking devices, an alarm device, means connected to said circuit for sensing the condition of said circuit and starting operation of the alarm device, and key controlled means mounted on the door for disabling the alarm device.

2,059,758
FUEL PUMP FOR INTERNAL COMBUSTION ENGINES
Frank Ballou Stearns, Shaker Heights, Ohio
Application October 11, 1932, Serial No. 637,275
4 Claims. (Cl. 103—169)



1. In a fluid pump, a dished housing member having a peripheral flange, an intermediate generally tubular housing portion flanged at opposite ends, a cylinder and valve housing comprising a peripherally flanged body portion secured by its flange to the flange at one end of the intermediate housing member, the cylinder and valve housing having a portion projecting into the intermediate housing and spaced from the wall thereof, a guide head comprising a body portion disposed within the dished and intermediate housing members and having a peripheral flange adapted to be disposed between adjacent flanges of the dished housing member and the flange at the other end of the intermediate member, securing means for securing all three said flanges together to support the guide head body portion within the housing, the guide head in its supported position being spaced peripherally from the inner wall of the housing members, the guide head having a plurality of parallel guide bores therein, a drive shaft rotatably supported in the dished housing portion, and the said cylinder and valve housing being provided with a plurality of pump cylinders and a plurality of pump pistons operatively reciprocable in the cylinders, and a plurality of guides reciprocable in the guide bores by the rotatable shaft, and communicating reciprocatory motion to the pump pistons.

2,059,759
LIQUID FUEL PRESSURE REGULATOR
Frank Ballou Stearns, Shaker Heights, Ohio
Application October 11, 1932, Serial No. 637,276
7 Claims. (Cl. 137—153)

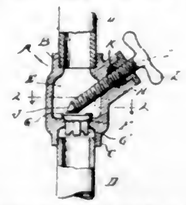


1. A fuel pressure regulator comprising a casing provided with a fuel entry port, a plurality of fuel outlet ports, a vertical valve plunger provided with an end thereof adapted to sealingly close an aligned one of said outlet ports, a cap abutting the other end of said plunger, guide means associated with the casing and engaged by the cap, a normally compressed spring seated upon said cap, a closed tubular member enclosing said spring and disposed above and secured to said casing, a shaft rotatably mounted in the upper end of said tubular member, a sleeve screw-threadedly engaging said shaft abutting the upper end of said spring and adapted to move longitudinally of said tubular member, a handle rotatably mounted on said shaft and generally at right angles thereto adapted to be non-rotatably secured to the shaft in a plurality of relatively angular positions therewith whereby the force exerted by the spring may be altered by a limited movement of the handle.

2,059,760
FLOW REGULATING CONTROL VALVE FOR PLUMBING FIXTURES
James M. Teahen, Detroit, Mich.
Application February 12, 1934, Serial No. 710,924
1 Claim. (Cl. 251—139)

A liquid flow regulator comprising a straightway fitting having threaded nipples at its op-

posite ends for connecting into a vertical water supply line and having a central chamber of enlarged cross section, a valve seat at the lower end of said central chamber, a valve having a conical portion for engaging said seat and wing portions for guiding it to its seat, a stem extending obliquely into said fitting from one side



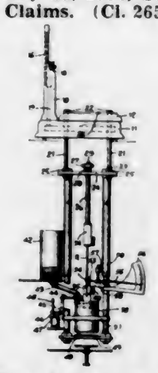
thereof and having a threaded engagement therewith, the lower end of said stem being conical and at an angle corresponding to the upper face of said valve, a packing gland for sealing said stem in said fitting and a handle at the outer end of said stem for rotating the same to vary the distance of lift permitted to said valve.

2,059,761

TESTING MACHINE

Matthew T. Thorsson, East Williston Park, Long Island, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application July 28, 1934, Serial No. 737,322
18 Claims. (Cl. 265—15)



1. In a machine for testing a length of material; force indicating and resisting mechanism, a device for connecting one end of the length of material under test to said mechanism, means for applying a variable testing force to the other end of the length of material, said force being transmitted through the material to said mechanism to be indicated thereby, and means connected to said mechanism for movement proportional to the magnitude of the applied force, and arranged to be acted on by the force applying means after the material breaks, for automatically receiving and transmitting the applied force to the mechanism to provide an indication of the applied force after the material breaks.

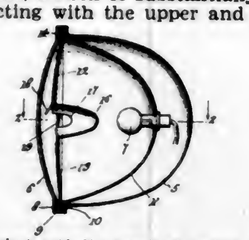
2,059,762

ANTIGLARE DEVICE FOR VEHICLE LAMPS

Frank C. Townsend, Topsham, Maine

Application January 24, 1936, Serial No. 60,668
2 Claims. (Cl. 240—48.4)

1. In a head lamp for vehicles, a reflector, source of illumination and lens, a plate having a light absorbing outer surface and a light deflecting inner surface, said plate having a continuously circular rim fitted between said reflector and lens, said plate composed of upper and lower sections spaced apart to provide a substantially horizontal slot, a neck of substantially parabolic form connecting with the upper and lower sec-



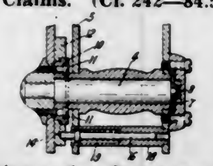
tions at a substantially central point and bridging across said slot, said parabolic neck having lateral cut-away portions, said upper section having outwardly and downwardly inclined flanges extending from its lower edge, said rim having forwardly inclined flanges at the end portions of said slot.

2,059,763

FISHING REEL

Rudolph G. Wenzel, San Francisco, Calif., assignor to The Enterprise Manufacturing Company, Akron, Ohio, a corporation of Ohio

Application April 4, 1935, Serial No. 14,601
4 Claims. (Cl. 242—84.5)



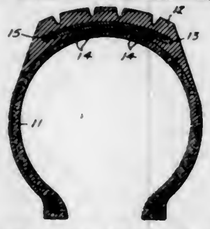
4. In a fishing reel, a frame, a post extending from the frame, a spool journalled upon the post and spaced from the frame, a ring revoluble around the post and lying between the spool and the frame, a brake restraining the rotation of the ring, and a pawl and ratchet located on the spool and the face of the ring.

2,059,764

PNEUMATIC TIRE

Frank Zerillo, Brooklyn, N. Y.

Application November 3, 1933, Serial No. 696,500
5 Claims. (Cl. 152—18)



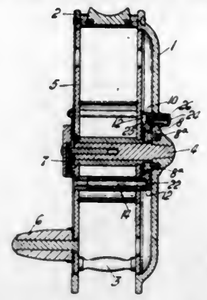
1. A pneumatic tire having a built-up tread composed of tread rubber stock, within which there is a circumferential reinforcing strip composed of a rubber composition reinforced by circular strips of closely woven flexible wire fabric completely enclosed in the rubber composition of the reinforcing strip and adhesively united thereto, certain of said wire fabric strips being spaced laterally, one with respect to the other, and other of said wire fabric strips being disposed with opposite longitudinal edges overlapping and spaced from adjacent faces of said laterally spaced strips, the rubber composition of said circumferential reinforcing strip being integrally united with the tread rubber stock.

2,059,765

FISHING REEL

Walter L. Adams, Akron, Ohio, assignor to The Enterprise Manufacturing Company, Akron, Ohio, a corporation of Ohio

Application March 24, 1936, Serial No. 70,634
3 Claims. (Cl. 242—84.6)



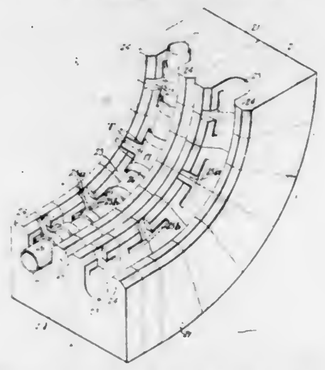
1. A fishing reel comprising a frame and a rotatable spool journaled thereon, a rotatably mounted friction ring adjacent the spool, a ratchet notch in one face of the ring, a yielding pin on the spool engageable with the notch, depressions in the opposite face of the ring, and a click pawl on the frame in operative engagement with the depressions.

2,059,766

FURNACE WALL STRUCTURE

Andrew S. Barker, Palmyra, N. J.

Application June 20, 1933, Serial No. 676,719
7 Claims. (Cl. 122—6)



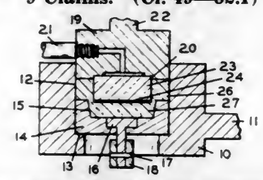
1. The combination with a hollow tubular member adapted to be protected from heat, of a pair of refractory blocks having rearwardly extending projections providing recesses in each of the blocks receiving said member and L-shaped slots in the inside lateral surfaces of said recesses forming T-shaped slots when the blocks are in operative position, and metal clips engaging the retaining portions of opposed slots and bridging said recesses rearwardly of said member to lock the blocks in position.

2,059,767

MANUFACTURE OF OPHTHALMIC LENSES

William Bausch, Rochester, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York

Application October 26, 1934, Serial No. 750,175
9 Claims. (Cl. 49—82.1)



3. An article of manufacture comprising a glass member of one refractive index having a body portion with upper and lower faces, an integral portion extending from one face, a glass element of a different refractive index embedded in said member, extending through said body portion into said integral portion, and a coating of refractory material between the face of said element and the integral portion to prevent fusion therebetween.

4. A method of making multifocal lenses which comprises producing a composite button by forming on a segment of glass a continuous bounding wall which is substantially coextensive with the thickness of the segment, rendering plastic a piece of glass of different refractive index and pressing said segment down into the plastic piece of glass with said wall substantially perpendicular to the surface of said piece of glass, forming a polished face on said composite button and fusing said button onto a major member of glass having a refractive index which is substantially the same as said piece of glass.

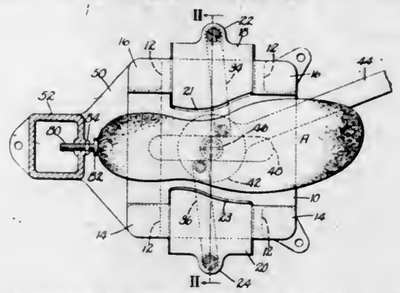
9. The method of making a composite button for multifocal lenses which comprises forming a glass segment, coating one face of said segment with refractory material, softening a glass member, pressing the coated face of said segment through the body portion of said member, and removing from said member the glass displaced by said segment.

2,059,768

APPARATUS FOR OPERATING ON SOLES

Lewis J. Bazzoni, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

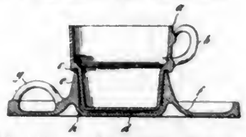
Original application September 20, 1933, Serial No. 690,218. Divided and this application October 30, 1934, Serial No. 750,695
11 Claims. (Cl. 12—21)



1. A device for operating upon soles having, in combination, a base for supporting a sole, means for holding the sole on said base, and members for pressing the opposite lateral edge faces of the

sole, inwardly toward its longitudinal median line, the sole-engaging portions of said members being beveled.

2,059,769
CUP AND SAUCER
Edward Charles Bell, London, England
Application July 8, 1935, Serial No. 30,341
In Great Britain December 8, 1934
1 Claim. (Cl. 65—13)

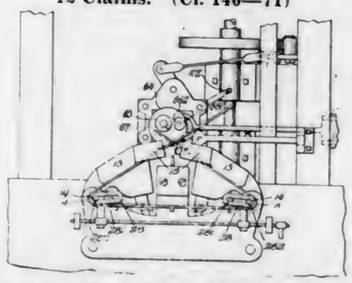


The combination of a cup, comprising a circular annular undercut rim extending outwardly from the exterior wall of said cup at a point approximately midway of the height of the said wall, with a substantially flat disc-like saucer, comprising an annular protuberance provided on the said saucer, said annular rim on said cup being adapted to engage over and interlock with the said annular protuberance provided on said saucer, the interior of said protuberance on said saucer for said cup being shaped to receive the bottom half of said cup in close interfitting engagement.

2,059,770
METHOD OF PREVENTING CORROSION, PARTICULARLY OF METALS FROM THE IRON-GROUP, AND TO A CORROSION PREVENTATIVE
Anton Bopp, Heilbronn-on-the-Neckar, Germany
No Drawing. Application June 25, 1934, Serial No. 732,386. In Germany May 31, 1934
18 Claims. (Cl. 91—68)

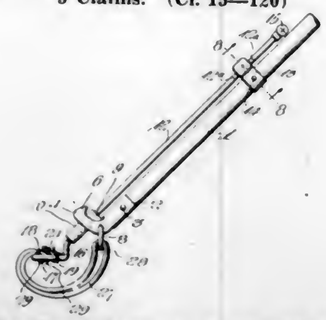
9. A method of preventing corrosion of metals which comprises applying to the surface of the metal to be protected, a composition comprising zirconium dioxide, aluminium, aluminium silicate, talc, magnesium oxide, sodium carbonate, barium sulfate, zinc oxide, lead tetroxide, basic lead carbonate, amorphous chromic oxide, cupric oxide, nickel cyanide, lead oxide, and titanium white.

2,059,771
MACHINE FOR MAKING WIRE GARMENT HANGERS
David S. Boyles, Rock Hill, S. C., assignor to National Wire Goods Manufacturing Company, Rock Hill, S. C., a partnership composed of David S. Boyles and W. J. Boyles
Application January 6, 1936, Serial No. 57,820
12 Claims. (Cl. 140—71)



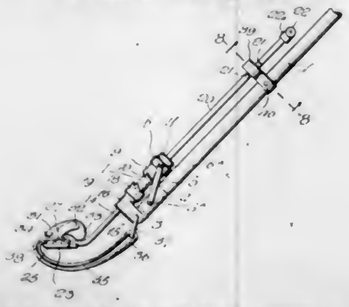
1. In a machine for making wire garment hangers, means for bending successive wire blanks into form including levers having upstanding projections, the machine having cooperating stationary projections around which the wire blank end portions are bent in the operation of said levers; said stationary projections being elongated and slotted and adjustable endwise to make different length hangers.

2,059,772
MOP AND WRINGER
Clarence E. Buell, Dallastown, Pa., assignor to The Everedy Company, Frederick, Md., a corporation of Maryland
Application October 13, 1933, Serial No. 693,496
5 Claims. (Cl. 15—120)



5. In a mop and wringer, a mop handle, a support carried thereby, an elongated loop member pivotally mounted in said support, a rockably mounted tubular member pivoted on said loop member, a wringer actuating rod rotatably and slidably mounted in said tubular member, a mop head connected with said rod, means for mounting a mop cloth between said loop member and said mop head, and locking means on said support engageable by said rod by swinging said rod about said pivot for holding said mop cloth in selected twisted positions.

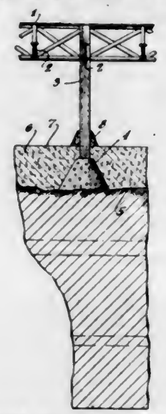
2,059,773
MOP AND WRINGER
Clarence E. Buell, Dallastown, Pa., assignor to The Everedy Company, Frederick, Md., a corporation of Maryland
Application October 13, 1933, Serial No. 693,497
8 Claims. (Cl. 15—120)



3. In a mop of the character described, a mop head comprising a pair of clamping members, means hingedly connecting said members along one edge thereof, a bracket carried by one of said members, a supporting rod connected with the other of said members and extending substantially perpendicular to said edge on the opposite side of said edge from the clamping members, a cam pivotally mounted with respect to said bracket, and an actuating lever connected with said cam and operative to shift said cam toward or away from a point on said supporting rod on the opposite side of said edge from the clamping members for clamping or spreading said members for effecting the gripping or detaching of a mop cloth.

4. In a mop and wringer, a mop handle, a support carried by said mop handle at one extremity thereof, a two-part locking means having one part thereof pivotally mounted in said support about a pivot transverse to said handle, a rod member rotatably and slidably mounted with respect to said one part of said locking means, the other part of said locking means being non-rotatively and slidably carried by said rod, a mop cloth mounted between one end of said rod and said support, and means controlled by swinging said rod member about said pivot for engaging the two parts of said locking means and locking said rod member in selected positions as the mop cloth connected thereto is subjected to a twisting action.

2,059,774
METHOD OF CONSTRUCTING SUBWAYS
Walter Caccia, White Plains, N. Y., assignor to John H. Unlandherm, New York, N. Y.
Application April 3, 1936, Serial No. 72,567
20 Claims. (Cl. 61—44)



1. The method of supporting a structure during the excavation of rock from beneath the same which includes forming a pit beneath the structure to a point below the lower level of the proposed excavation, placing a column in said pit, attaching the column to the elevated structure and to the bottom of the pit, supporting the column between its ends by braces between the wall of the pit and the column, and encasing a portion of the column in a shock-buffer material.

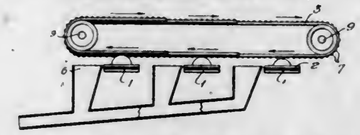
2,059,775
SEALING DEVICE
Eldon S. Clark, Detroit, Mich., assignor to Timken-Michigan Company, Detroit, Mich., a corporation of Michigan
Application February 4, 1932, Serial No. 590,935
19 Claims. (Cl. 285—119)

5. In a pipe assembly having a joint and a gasket associated with said joint, a segmental pressure ring engaging said gasket and common means urging the segments of said pressure ring in a direction to decrease its circumference and simultaneouly urge said pressure ring in a direction parallel to said pipe.



16. In a pipe joint sealing device, an anchor member, a gasket for engaging the pipe joint, and a follower for compressing said gasket, said follower comprising a plurality of annular segments each having a lug at the ends thereof and having a shoulder adjacent each lug, a dog adapted to cooperate with said lugs of adjacent segments to hold said segments in adjusted relation, said dogs having a cam shoulder engaging said segment shoulder, and means to secure said follower to said anchor member.

2,059,776
GRADING MACHINE
William de Back, San Jose, Calif., assignor to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware
Application September 10, 1931, Serial No. 562,177
9 Claims. (Cl. 209—91)



3. An apparatus for grading and sorting non-rollable fruit halves comprising means for moving fruit halves along a predetermined path in promiscuous arrangement, supporting corrugations on said means for reducing frictional contact therewith, selector means adjacent said moving means with elevations thereon, the elevations on said two means being the only contact with fruit halves in the grading thereof the elevations on said selector means being positioned at different spacings relative to the moving means whereby the selector means will slide fruit halves of like half diameters laterally from said supporting corrugations and means adjacent thereto for receiving said segregated fruit halves.

2,059,777
SWING
Marshall E. Denney, Tampa, Fla., assignor, by direct and mesne assignments, of one-half to Westlake A. Dyer and one-half to T. Emmett Anderson, both of Tampa, Fla.
Application May 8, 1934, Serial No. 724,599
5 Claims. (Cl. 155—65)

1. A swing comprising a metallic upright having reinforcing side flanges and a depression formed intermediate the ends thereof, said depression being defined by spaced, vertical side walls having aligned openings therein and a wall extending transversely between said side walls, and one of said reinforcing side flanges having an opening in alignment with the openings in said vertical side walls; cross arms carried at the upper and lower ends of said upright to provide hand and foot engaging portions; a horizontally-

extending seat having its forward end located in said depression and spaced from the walls defining said depression, said forward end having a transverse passage in alignment with the opening in the side flange and with the aligned openings in the side walls defining the depression; a



pivot pin passing axially through the opening in the side flange, through the aligned openings in the side walls defining the depression and through the passage in the forward end of the seat to pivotally connect the seat to the upright; and means for suspending the upright and seat from an overhead support.

2,059,778

MORTARS OR BINDERS CONTAINING CAOUTCHOUC AND PROCESS OF PREPARING SAME

Karl Dietz, Frankfort-on-the-Main, and Karl Frank, Bad Soden-on-the-Taunus, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application July 17, 1934, Serial No. 735,712. In Germany November 17, 1932
4 Claims. (Cl. 106—23)

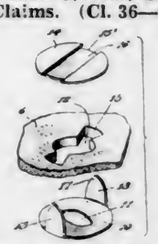
1. As a new composition of matter an elastic and substantially liquid-impermeable mixture for mortars comprising an aqueous caoutchouc emulsion containing alkali silicate, approximately 50% by weight of a cement powder containing alkali silicate, the weight being calculated on the weight of the caoutchouc emulsion, and a substance capable of reacting with the alkali of the alkali silicate whereby to reduce the basicity of the mixture, the amount of the alkali silicate being less than the amount of the caoutchouc emulsion and the amount of the substance reactive with alkali being at least equal to the theoretical combining amount.

2,059,779

ATTACHING SOCKET FOR SHOE CLEATS

Hugh D. Driscoll, Tulsa, Okla.

Application October 9, 1935, Serial No. 44,293
8 Claims. (Cl. 36—66)



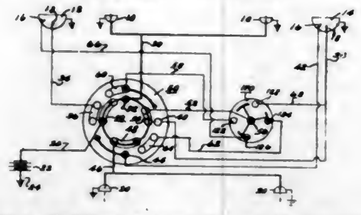
1. The combination with a shoe sole having a socket therein, of a face plate bearing flat against the outer surface of the shoe sole and provided with a recess communicating with the socket, a solid imperforate clamping plate disposed substantially flush with and engaging the inner face of the shoe sole, and attaching spurs carried by the face plate and adapted to extend through the shoe sole and bear against the clamping plate for clamping the shoe sole between said plates.

2,059,780

LIGHTING SYSTEM

William C. Edwards and Scott R. Conwell, Anderson, Ind., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application August 16, 1933, Serial No. 685,500
14 Claims. (Cl. 171—97)



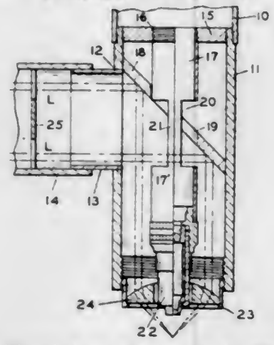
9. In a lighting system for an automotive vehicle having head lamps with a pair of dissimilar filaments in each, a source of current and a selector switch for connecting the source with the lamp filaments, the combination comprising, means for altering the filament combinations of the head lamps, and means for inter-connecting the altering means with both the selector switch and some of the head-lamp filaments, said altering means including a support, a pivot terminal carried by the support, circuit closing means and an actuator assembly pivoted on the pivot terminal, a plurality of pairs of switch contacts and terminals arranged in a circular row about the pivot terminal and disposed for alternate contacting engagement by the circuit closing means, means connecting one pair of switch contacts directly with dissimilar ones of the lamp filaments, and means connecting another pair of switch contacts and the terminal pivot with the selector switch whereby the remaining filaments of the head lamps are energized indirectly through both switches, and the circuits are completed only after traversing portions of the selector switch and the altering means.

2,059,781

MICROSCOPE ILLUMINATOR

Gerhard A. Ellestad, Rochester, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York

Application August 21, 1934, Serial No. 740,792
9 Claims. (Cl. 88—40)



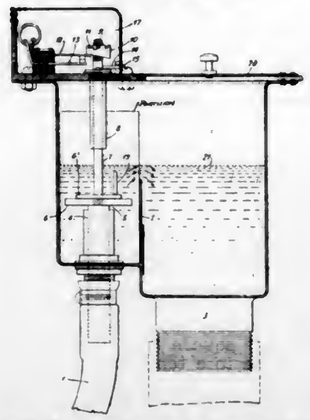
2. An illuminator of the type described comprising a body, a casing secured to said body and having a lateral opening, an inclined reflector mounted within the casing opposite said opening, said reflector having an aperture, supporting means carried by said body and extending through said aperture, an objective mounted on said means below said reflector and light directing means surrounding said objective.

2,059,782

LIQUID FLOW OPERATED SAFETY OR INDICATING DEVICE

Harry Alexander Ewen, Shenfield, England, assignor to Radio Corporation of America, a corporation of Delaware

Application March 22, 1933, Serial No. 662,120
In Great Britain March 23, 1932
5 Claims. (Cl. 200—81)



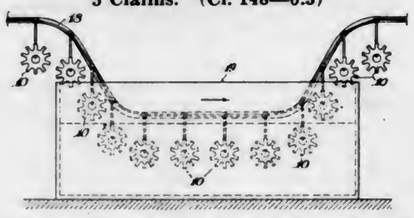
1. A liquid flow actuated safety or indicating device comprising an inlet pipe for a fluid flow system, a weir located within said device, and a flow actuated element comprising a plate-like member arranged to be slidable in a direction substantially at right angles to the line at the top of said weir, said inlet pipe located beneath said plate-like member, said member being arranged to be normally held by the flow of liquid in said inlet pipe at the level of said top of the weir but able to move to a level below that of the weir should the flow of liquid fail, the said member being positioned in a chamber, one wall of which is constituted by the weir and of larger cross-sectional area than the plate-like member.

2,059,783

METHOD OF COATING COMPOSITE ARTICLES

George J. Farnworth, Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa., a corporation of Pennsylvania

Application July 2, 1932, Serial No. 620,719
5 Claims. (Cl. 148—6.5)



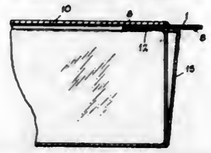
1. The method of selectively coating one of the component elements of a composite structure comprising carbon-steel and stainless-steel elements, which comprises subjecting the structure in an aqueous bath to a coating medium consisting of a phosphate of a metal and having substantially no tendency to form an adherent coating with the surface of the stainless steel, while having a strong tendency to form such a coating with the surface of the carbon steel.

2,059,784

AUXILIARY PACKAGING PART

Adino F. Files, Maumee, Ohio

Application December 13, 1935, Serial No. 54,310
4 Claims. (Cl. 206—47)



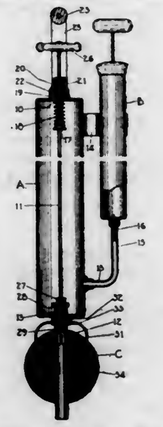
4. In combination with a container formed from a blank and having a cover part hingedly connected to one side of the container and having a portion that is located in proximity to the opposite side of the container for closing the container, a packet formed of at least two layers of flexible sheet material and having marginal parts cemented together, the central parts forming a chamber for containing material sealed within the layers by the cemented marginal parts, the marginal parts having spaced projecting portions extending beyond the plane of the central material enclosing parts of the layers of sheet material, the packet located intermediate the said portion of the cover and the said opposite side of the container, the projecting portions of the packet operative to engage the said portion of the cover for retention of the packet in position and adapted when pulled from the container to engage the said portion of the cover to move the cover to open the container and at the same time withdraw the packet from the container.

2,059,785

AIR-PRESSURE DEVICE

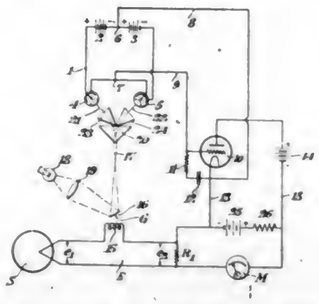
Arnold Gaik, Chicago, Ill.

Application April 29, 1935, Serial No. 18,973
4 Claims. (Cl. 4—255)



1. In combination with an outlet pipe, a rubber ball centrally perforated and adapted to tightly receive the terminal portion of said pipe, and bracing means associated with said pipe and engaging the rear portion of said ball.

2,059,786
POTENTIOMETRIC INDICATOR
Roswell Ward Gilbert, East Orange, N. J., assignor to Gilbert Corporation, East Orange, N. J., a corporation of New Jersey
Application January 5, 1935, Serial No. 530
10 Claims. (Cl. 250—41.5)



1. Device responsive to a small voltage source comprising: an electrical bridge having as adjacent balancing arms the current paths respectively of a pair of photoelectric elements, and as a conjugate arm the input to a grid-controlled space discharge device, means for supplying uninterrupted and substantially non-pulsating direct current and voltage to said photoelectric elements and to said space discharge device, a balancing circuit traversed by space current of said device, said balancing circuit including said small voltage source and resistance effectively shunting said source, means for illuminating said photoelectric elements, means responsive to unbalanced current flow in said balancing circuit for oppositely varying the illumination of said photoelectric elements automatically to restore and maintain a condition of electrical equilibrium in said balancing circuit, and translating means responsive to space current of said discharge device.

2,059,787
METHOD OF TREATING NUTS IN THE SHELL
William George Gow, Belleville, N. J., assignor to Charles Mauro, New York, N. Y.
No Drawing. Application February 19, 1935, Serial No. 7,291
4 Claims. (Cl. 99—231)

1. The method of treating edible nuts in the shell to improve their appearance and retain their preserving qualities, which comprises impregnating the shell with sulphur dioxide (SO_2) under pressure and thereafter subjecting the shell to ultra-violet rays.

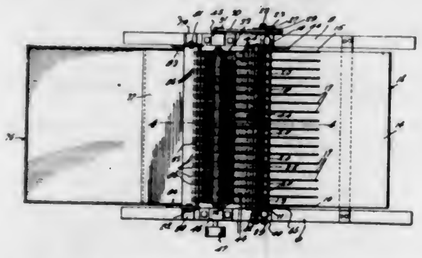
2,059,788
PROCESS FOR TREATING FRUIT JUICE (GRAPE)
George Grindrod, Oconomowoc, Wis., assignor to Grindrod Process Corporation, Dover, Del., a corporation of Delaware
No Drawing. Application February 14, 1935, Serial No. 6,484
4 Claims. (Cl. 99—155)

1. A process for preserving grape juice comprising the steps of rapidly pre-heating the juice out of the presence of air to a temperature below that which causes thermo-chemical change, of subjecting the juice to the heat and kinetic energy of high velocity superheated steam jets having a temperature not over 260° F. while maintaining the pressure surrounding the juice between 4.7 and 14.0 pounds per square inch absolute to approximately instantaneously raise the temperature of the juice to that corresponding to the pressure, and continuing the heat treatment for approximately two minutes until sterility is obtained but stopping before appreciable thermo-chemical change is produced and then instantaneously cooling the juice to a temperature below that necessary to produce thermo-chemical change by subjecting the juice to a low vacuum.

2,059,789
PROCESS FOR TREATING FRUIT JUICE
George Grindrod, Oconomowoc, Wis., assignor to Grindrod Process Corporation, Dover, Del., a corporation of Delaware
No Drawing. Application February 14, 1935, Serial No. 6,485
7 Claims. (Cl. 99—155)

1. A process for preserving orange juice comprising the steps of rapidly pre-heating the juice out of the presence of air to a temperature below that necessary to cause thermo-chemical change, subjecting it to a low pressure approximately 3 pounds per square inch absolute and comprising an atmosphere of steam whereby dissolved gases may escape, subjecting the juice to the heat and kinetic energy of high velocity dry super-heated steam jets not over 230° F. while maintaining the 3 pounds per square inch pressure absolute to heat the juice to a temperature coresponding to the 3 pounds per square inch absolute pressure and continuing the heat treatment for approximately two minutes until sterility is obtained but before appreciable thermo-chemical change is produced, and then instantaneously cooling the juice to a temperature below that necessary to produce thermo-chemical change by subjecting the juice to a low vacuum.

2,059,790
SPLITTING MACHINE
Orlie A. Hawkins, Lamar, Colo.
Application August 1, 1935, Serial No. 34,291
10 Claims. (Cl. 146—73)

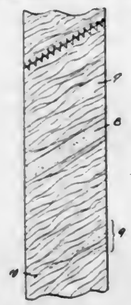


1. A yucca blade splitting machine comprising a chute, a plurality of rotary cutting knives, a guiding and allocating tube in receiving relation to said chute and in feeding relation to some of said knives, positive feeding rollers interposed between the chute and the tube for forcing the yucca blades into position in the tube and into engagement with the knives, and adjustable guide fingers extending beyond the delivery end of the guide tube and disposed between adjacent ones of the knives for causing the yucca blades to engage the edges of the knives in a predetermined manner.

2,059,791
SYNTHETIC RESIN PRODUCT AND PROCESS
Paul M. Hennegan, Cincinnati, Ohio, and Raymond A. Swain, Bellevue, Ky.; said Swain assignor to said Hennegan
No Drawing. Application January 11, 1935, Serial No. 1,445
21 Claims. (Cl. 134—26)

20. An improved ready-mixed paint or varnish comprising a reaction product of a primary infusible glycerol phthalate resin and a fusible soluble glycerol ester having free hydroxyl groups, said ester having been produced by reaction between glycerol and organic acid selected from a class consisting of phthalic acid, abietic acid, and drying oil acid and said resin and ester having been condensed together with elimination of water; a solvent for said reaction product; and a basic pigment.

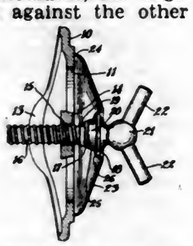
2,059,792
COATED FABRIC
Clarence B. Hill, Union City, Ind., assignor to Backstay Welt Company, Union City, Ind., a corporation of Indiana
Application November 20, 1935, Serial No. 50,781
5 Claims. (Cl. 2—274)



1. A method of making a coated fabric in relatively long strip form having a bias woven textile base which comprises cutting at oblique angles a length of square woven coated goods having parallel side edges to provide a plurality of rhomboid sections, arranging the sections end to end with the named parallel side edges of adjacent sections in butt relation, sewing the adjacent edges together, softening the coating beneath the stitching, pressing the stitching into the softened coating, then coating the stitched areas only with a plastic coating substance to a depth sufficient to cover and conceal the stitching and the joints between the sections.

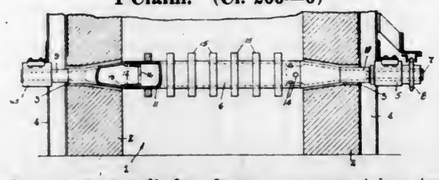
2,059,793
STOVE DAMPER AND MANUFACTURE OF SAME
Martin L. Hunker, Dover, Ohio, assignor to The Reeves Manufacturing Company, Dover, Ohio, a corporation of Ohio
Application April 8, 1935, Serial No. 15,301
1 Claim. (Cl. 126—290)

A damper including a threaded stem having a handle portion at one end, an unthreaded, conical portion adjacent to said handle portion, an integral, annular shoulder at each end of said conical portion of the stem, and a sheet metal damper plate having a central opening surrounded by an annular tapered flange having an annular shouldered portion tightly fitting against one of said shoulders, the edge of said flange tightly fitting against the other shoulder, and



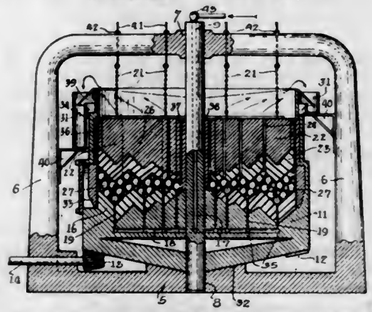
the tapered flange being rigidly clamped upon the conical portion of the stem.

2,059,794
FURNACE UNIT
Frank F. Jackson, Cleveland, Ohio
Application June 30, 1934, Serial No. 733,262
1 Claim. (Cl. 263—6)



A conveyor roll for furnaces comprising terminal sections respectively provided at their outer ends with journals by which the roll may be rotatably supported and at their inner ends with substantially cylindrical extensions, a radially and circumferentially extending abutment on each of said terminal sections at the outer ends of said extensions, the face of said abutment lying in a plane normal to the axis of said journals, a central cylindrical section telescopically engaging said extensions and terminally engaging said abutment faces, said central section and extensions provided with a plurality of circumferentially and axially spaced openings extending through the wall of said central section and partially through the wall of said extensions, and weld metal filling said openings and securing together said central and terminal sections.

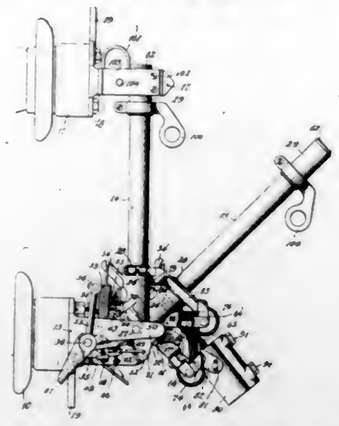
2,059,795
GRINDING MILL
James H. Johns, Los Angeles, Calif.
Application October 23, 1935, Serial No. 46,401
2 Claims. (Cl. 83—45)



2. In a device of the character described, a base, a rotary element mounted on said base, a stationary element loosely suspended in said rotating element, serrated wear plates carried by

each of said elements, grinding means interposed between said wear plates, an inclined feed passage extending through said stationary element and inclined downwardly in the direction of rotation of said rotating element, discharge means extending upwardly through said stationary element, spiral guides positioned on said stationary element, said guides being capable of conducting coarse material to said downwardly inclined feed passage, and means for elevating said stationary member, said flexible suspending means also permitting a partial rotation of said stationary element.

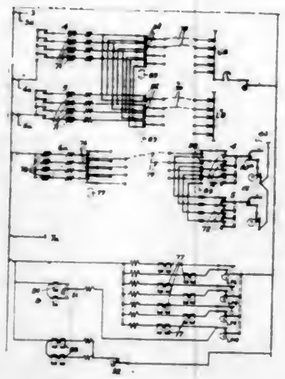
2,059,796
REPEATING FUSE
Tomlinson Fort Johnson, Atlanta, Ga.
Application March 4, 1935, Serial No. 9,340
16 Claims. (Cl. 200—126)



9. In a fuse replacer of the character described, a bracket having a plurality of spaced ears thereon; three adjacent cylindrical sockets open at both ends and pivotally mounted at one end between pairs of said ears; a tubular fuse unit removably mounted in each of said sockets; a plurality of adjacent jaws for the fuse units; means normally biasing said sockets to swing the fuse units to their circuit closing position; latches cooperating with said sockets to hold them in cocked position with the fuses out of contact with said jaws; triggers operatively connected to the latches and arranged to be actuated by adjacent fuse units when they are blown to trip the latches in succession beginning with any fuse unit of the group which may be initially closed, the trigger of the third fuse socket being operatively connected to the latch for the first fuse socket; and spring tensioned striker members for said triggers mounted on said fuse units each secured to a fuse element and supported to swing outwardly against the respective triggers to trip them and eject the fuse elements.

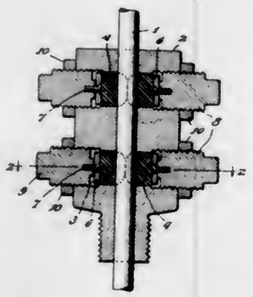
2,059,797
TABULATOR
Einar Lawrence Kirkegaard, Detroit, Mich., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application June 27, 1930, Serial No. 464,191
5 Claims. (Cl. 235—92)

1. In a machine of the class described, the combination of a single accumulator, a plurality of analyzing stations, each one designed for analyzing a different one of a plurality of card fields of the same perforated record, means for moving the record past said stations in succession,



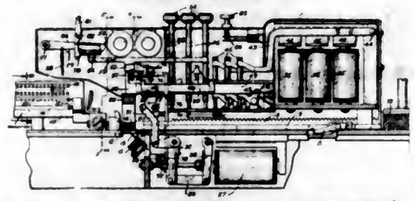
and means for successively connecting the stations related to the different card fields with the accumulator as the plurality of fields pass the related analyzing stations.

2,059,798
STUFFING BOX
Frank C. Knoss, El Dorado, Ark.
Application September 24, 1934, Serial No. 745,327
1 Claim. (Cl. 286—16)



A stuffing box for deep wells comprising a vertically elongated metal body having a central bore to receive a polish rod and lateral bores of circular cross section leading radially from the central bore in diametrically opposed relation to each other, the lateral bores having smooth inner end portions and threaded outer end portions, solid rubber packing plugs of circular cross section fitted closely in the unthreaded inner end portions of the lateral bores, threaded securing plugs screwed into the threaded outer end portions of the lateral bores, said plugs presenting at their inner ends a relatively small concaved surface to the polish rod whereby wear will be materially reduced, follower discs swiveled upon the inner ends of the securing plugs and bearing against outer ends of the packing plugs and adapted to enter the inner end portions of the lateral bores as the packing plugs wear, the outer ends of the securing plugs being adapted to be engaged by a turning tool, and lock nuts mounted on the securing plugs and turned home against side faces of the body.

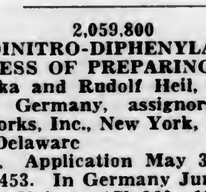
2,059,799
CARD VERIFIER
William Lang, New York, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application July 19, 1933, Serial No. 681,071
7 Claims. (Cl. 73—51)



1. In a machine of the class described, the combination of a perforate record card carriage, escapement means therefor, a series of keys, sensing means for the record card, means controlled by said keys to effect a column by column escapement of the carriage, means normally effective to prevent an effective operation of the escapement effecting means by said keys, means controlled by said sensing means to render the preventing means ineffective, and to cause other preventing means to become effective to prevent operation of the escapement effecting means as the first mentioned preventing means is rendered ineffective, and means to render the second preventing means ineffective.

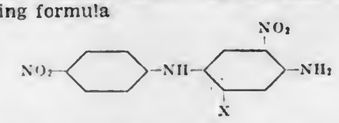
2,059,800
4-AMINO-DINITRO-DIPHENYLAMINES AND PROCESS OF PREPARING THEM
Leopold Laska and Rudolf Heil, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application May 31, 1935, Serial No. 24,453. In Germany June 2, 1934
4 Claims. (Cl. 260—128)

1. The process which comprises condensing 4-nitro-1-chlorobenzene-2-sulfonic acid with compounds of the following formula



wherein X stands for one of the group consisting of hydrogen and methyl, and splitting off the sulfonic acid group from the condensation products, thus obtained.

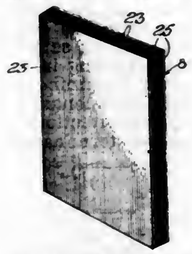
2. The 4-amino-dinitro-diphenylamines of the following formula



wherein X stands for one of the group consisting of hydrogen and methyl, being crystallized brown colored compounds which dissolve in concentrated sulfuric acid to a yellow-red solution.

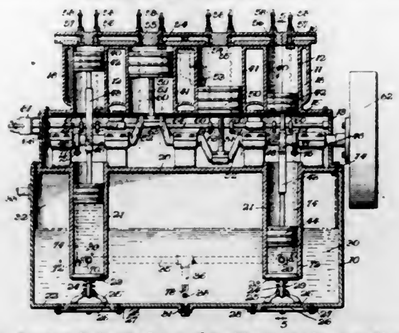
2,059,801
INSULATING STRUCTURE AND METHOD OF MANUFACTURING SAME
Harvey B. Lindsay, Evanston, Ill.
Application November 24, 1934, Serial No. 754,687
7 Claims. (Cl. 154—28)

4. A fire-resistant structure comprising spaced-apart thin sheet metal elements and a body of interposed intumesced metallic silicate self-



bonded to the opposed faces of said elements to provide, in effect, a monolithic structure.

2,059,802
ENGINE
William F. Logan, Cape May, N. J., assignor to Logan-Newville Motors, Inc., Wildwood, N. J., a corporation of New Jersey
Application April 20, 1933, Serial No. 667,096
29 Claims. (Cl. 123—46)

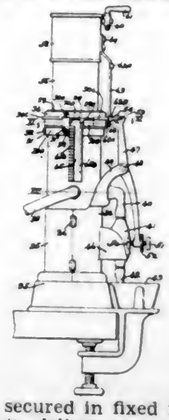


1. In an internal combustion engine, cylinders providing a plurality of combustion chambers and a like plurality of work chambers, piston means in each associated pair of combustion and work chambers, a receptacle containing a liquid and an elastic medium under compression, connections between each work chamber and said receptacle, to carry said liquid, means for varying the rate of flow of said liquid in said connections, a driving shaft, and means for disconnecting said driving shaft from each piston means during the combustion stroke thereof and for connecting said shaft to said piston means during the return stroke thereof.

2,059,803
BLOOD TRANSFUSION APPARATUS AND METHOD
Robert Mann, Memphis, Tenn.
Application November 13, 1933, Serial No. 697,723
20 Claims. (Cl. 128—214)

1. Apparatus of the character described, including a hollow barrel having a closed end, and an open end, and a plunger reciprocable and turnable therein, said plunger projecting beyond said barrel, said barrel having an inlet nipple, a diametrically opposite outlet nipple and a flushing nipple substantially midway therebetween, said nipples lying intermediate the ends of the barrel and substantially at a common level; said plunger having a short circumferential surface groove at the level of said nipples when said plunger is at its innermost position, a similar circumferential surface groove at the

level of said nipples when the plunger is in retracted position, and a longitudinal surface groove extending from the end of the plunger to the level of the first of said grooves, said circumferential grooves being in excess of a quadrant in length, both beginning substantially diametrically opposite said longitudinal groove, and extending in opposite directions toward said longitudinal groove but terminating short thereof,



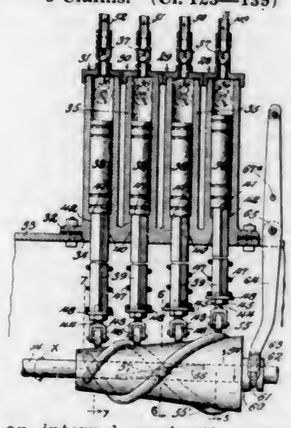
flushing means secured in fixed relation to said barrel adapted to deliver a charge of flushing fluid through said nipple, actuating means therefor, and means secured to the projecting portion of said plunger opposite said longitudinal groove and depending therefrom along the exterior of said barrel into the path of said actuating means, whereby to actuate said flushing means by turning movement of said plunger.

2,059,804

INTERNAL COMBUSTION ENGINE

Francis L. O'Bryan, Sr., Framingham Center, Mass.; Marion O'Bryan administratrix of said Francis L. O'Bryan, deceased

Application March 20, 1933, Serial No. 661,816
5 Claims. (Cl. 123—139)



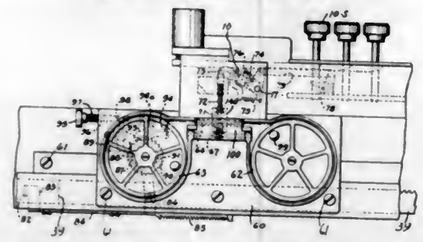
1. In an internal combustion engine of the solid injection type, the combination of an engine driven shaft element; a conically shaped cam element mounted for sliding and rotative movements on said shaft element; a slot in one of said elements directed spirally with respect to the axis thereof; means on the other said element extending into said slot; means for shifting said cam element longitudinally of said shaft element; and an injection pump having a reciprocable plunger cooperatively connected to said cam element.

2,059,805

VERIFIER

Ralph E. Page, Binghamton, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application April 30, 1935, Serial No. 19,041
11 Claims. (Cl. 101—93)



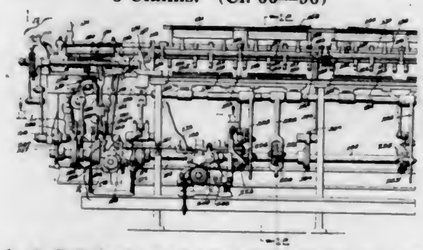
1. In a machine dealing with record cards having columns of data designations; the combination of means for verifying the designations of the several columns of a card in succession, one column after another, and including escapement mechanism for feeding the card column by column as an incident to the verifying operation, a marking device, and means operated by the escapement mechanism for causing the marking device to distinctively mark the verified card, said escapement mechanism including a bail reciprocated upon each verifying operation, and connections between the bail and marking device to cause reciprocation of the latter upon reciprocation of the bail, the marking device upon its reciprocation distinctively marking the verified card.

2,059,806

LACE MECHANISM FOR STRAIGHT KNITTING MACHINES

Max Richter, West Reading, Pa., assignor to Textile Machine Works, Wyomissing, Pa., a corporation of Pennsylvania

Application October 13, 1933, Serial No. 693,454
3 Claims. (Cl. 66—96)



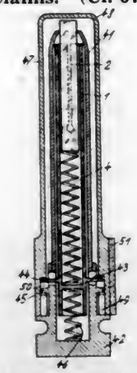
1. A full-fashioned stocking knitting machine comprising points each for forming a lace clock like the clock formed by another point, and means for simultaneously actuating the points each to form successive lace openings on the center of its clock in a stocking blank being knitted and to form lace openings at either side of the center of the clock in figures reverse to the corresponding figures at the opposite sides of the center of another clock, said means including carrier rods for the points, a motion-reversing device between the rods including a rack on each rod and a gear cooperating with the racks between the rods for actuating the rods simultaneously in opposite directions, and pattern means for controlling the said actuation of the rods.

2,059,807

CIGAR LIGHTER

Ferdinand Ringer, Vienna, Austria, assignor to Svenska Tändsticks Aktiebolaget, Jonkoping, Sweden

Application April 13, 1933, Serial No. 666,003
In Austria April 16, 1932
8 Claims. (Cl. 67—7)



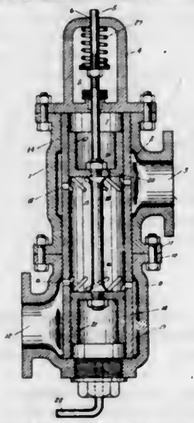
1. A cigar lighter comprising a casing, a rubbing surface, a combustible igniting stick adapted to be repeatedly lighted by rubbing it against said rubbing surface, a protecting sleeve guiding said stick, and clamping means cooperating with said stick and adapted to automatically clamp said stick in position after it has been advanced.

2,059,808

FLUID PRESSURE REGULATOR

Braxton L. Robart and Earl P. Buell, Jackson, Mich., assignors to The Robuell Company, a corporation

Application November 3, 1932, Serial No. 641,018
5 Claims. (Cl. 137—153)



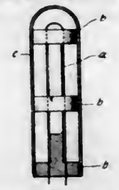
1. A fluid pressure regulator comprising a central housing having a vertical chamber, a chamber jacketing said vertical chamber opening into a horizontal inlet, a lower housing removably secured to said central housing, a chamber concentric with said vertical chamber defined within said lower housing, a chamber jacketing said concentric chamber and opening into a horizontal outlet the securing means for said housings enabling the angularity of said inlet and outlet to be varied in parallel planes, a spring cage closing the upper end of said vertical chamber, a bottom closure for said concentric chamber ported to direct discharge pressure into the same, ports effecting communication between said jacketing chambers, valve mechanism supported for reciprocating movement in said vertical and concentric chambers to interrupt and/or regulate the communication between said ports, said mechanism being moved in one direction by the discharge pressure.

2,059,809

INDIRECTLY HEATED CATHODE

Horst Rothe, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application August 4, 1932, Serial No. 627,428
In Germany August 7, 1931
3 Claims. (Cl. 250—27.5)



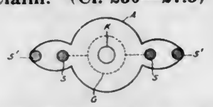
1. An indirectly heated cathode comprising an electron emitting tubular member, a core of insulating material centrally arranged within and spaced from the inner wall of the tubular member, a plurality of circular discs of insulating material interposed between said insulating core and said inner wall, each disc being provided with radial slots which extend from the surface of the central core to the disc periphery and which are in alignment with corresponding slots of the remaining discs, and a filamentary heater wire threaded through such slots.

2,059,810

DISCHARGE TUBE

Horst Rothe, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application May 18, 1934, Serial No. 726,211
In Germany February 6, 1933
1 Claim. (Cl. 250—27.5)



An electron discharge tube comprising a cathode having a cylindrically-shaped emitting surface, a similarly shaped control grid surrounding the cathode, a pair of support rods for said grid spaced apart a greater distance than the grid diameter and extending parallel to its axis, and at least one additional electrode completely surrounding the control grid and provided with a pair of support rods arranged in alignment with the grid support rods, said additional electrode having outwardly extending longitudinal channels, oval-shaped in cross-section for housing both sets of support rods, the remaining portions of said electrode between the channeled portions being substantially cylindrical and arranged in concentric relation with the control grid.

2,059,811

COMPOSITION OF MATTER FOR USE AS A VEHICLE FOR OTHER SUBSTANCES, AND A PROCESS OF PRODUCING THE SAME

Arthur Sauer, Zwingenberg/Hessen, Germany, assignor to Fissan Export Company Julius Bloch & Sohn, Frankfort-on-the-Main, Germany

No Drawing. Application September 21, 1933, Serial No. 690,496. In Germany November 11, 1927

6 Claims. (Cl. 167—82)

1. A composition of matter for use as a vehicle for the active substances in medicines, cosmetic and similar preparations, consisting of silicic acid xerogel having at least for the most part a grain size ranging from 1 to 100μ and containing compounds of fluorine in adsorptive combination which react with water to release fluorine in bound form only very gradually and in a highly diluted form.

2,059,812

METHOD OF GRAFTING OR WELDING

Rosario Scaglione, Girard, Ohio

Application July 24, 1936, Serial No. 92,415

6 Claims. (Cl. 47—6)



1. A method of grafting or welding a plant in which the stem is split lengthwise in two places and cut and peeled back in both directions, where each section is cut again, thus leaving a rectangular opening into which is inserted a plurality of new sections, each having an eye.

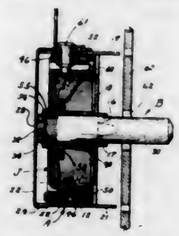
2,059,813

RHEOSTAT MOUNTING

Newton C. Schellenger, Elkhart, Ind., assignor to Chicago Telephone Supply Company, a corporation of Indiana

Application May 15, 1933, Serial No. 671,031

5 Claims. (Cl. 201—48)



1. A variable resistance device comprising a plurality of housing members having integral bearings therein, a shaft journaled in said bearings, a resistance element, a contactor engageable with said resistance element, an actuator for said contactor mounted on said shaft, an insulating bushing extending between said housing members to space them relative to each other, said bushing being disposed to insulate said actuator from said shaft.

2,059,814

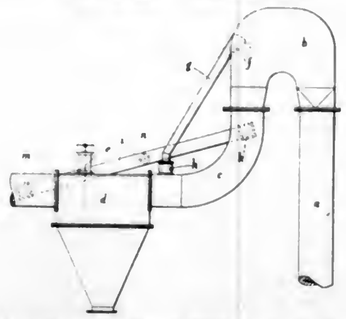
SIFTING DEVICE

Ernst Schneider and Karl Blum, Uerdingen-on-the-Rhine, Germany, assignors to Büttner-Werke Aktiengesellschaft, Uerdingen, Germany

Application February 23, 1935, Serial No. 7,737

In Germany February 23, 1934

8 Claims. (Cl. 183—80)



1. A chamber-gravity separator for pneumatic drying devices, comprising a drying conduit, a deflecting bend portion connected to the upper end thereof, a separator connected to said bend and means for deflecting the coarser particles as they pass around said bend and to deliver them uppermost upon the air or gas stream as it enters said separator, said means including a scraper plate, a conduit for conducting the air or gas containing the coarser particles from said scraper plate to the upper part of the separator adjacent its connection with the deflecting bend portion, an air-lock between said conduit and the separator for destroying the kinetic energy of the particles before they are delivered to the separator, and a conduit for delivering the remaining part of the air or gas current from the deflecting bend portion to the separator below said first-mentioned conduit.

2,059,815

OIL LACQUER

Walther Schrauth, Berlin-Dahlem, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland, a corporation of Switzerland

No Drawing. Application July 1, 1932, Serial No. 620,533. In Germany July 4, 1931

5 Claims. (Cl. 134—26)

5. An oil lacquer comprising an oil of the group consisting of linseed oil and wood oil in a major proportion combined with material of the group consisting of the alcohols corresponding in molecular structure to the soap forming acids and the esters of said alcohols with acids of the group consisting of acetic acid and resinic acid.

2,059,816

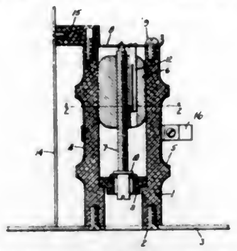
VARIABLE CAPACITOR

Paul J. Schwarzhaupt, Scotia, N. Y., assignor to General Electric Company, a corporation of New York

Application June 10, 1933, Serial No. 675,227

1 Claim. (Cl. 175—41.5)

A variable capacitor comprising a hollow cylindrical dielectric member, an inner cylindrical conducting member fitting within the dielectric member and having inwardly flared end portions, a cylindrical conducting member fitting the exterior surface of said dielectric member and having outwardly flared end portions, said dielectric member having annular portions fitting said outwardly flared end portions, an adjusting screw threaded in said inner conducting member, a conducting end plate on said dielectric member providing a bearing for said screw and a



conducting pin secured to said plate and engaging said inner conducting member to prevent rotation thereof, said pin having a split end portion resiliently engaging the inner conducting member.

2,059,817

HARDENING PHOTOGRAPHIC GELATIN EMULSIONS AND SOLUTIONS

Samuel E. Sheppard and Robert C. Houck, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

No Drawing. Application September 27, 1934, Serial No. 745,754

13 Claims. (Cl. 95—7)

8. In the manufacture of photographic articles provided with a hardened gelatin layer of substantially permanent flexibility, the step of hardening the gelatin by causing it to react with a hydroxyaldehyde selected from the group consisting of the hydroxyaldehydes up to and including the pentoses, the hydroxy dialdehydes and the hydroxyaldehyde ketones, whereby a condensation product of gelatin and the hydroxyaldehyde is formed.

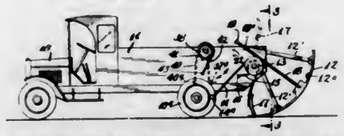
2,059,818

SCIENTIFIC SNOW REMOVAL AND SELF LOADING TRUCK

Louis Simon, New York, N. Y.

Application May 20, 1936, Serial No. 80,677

12 Claims. (Cl. 37—5)



1. In combination with a truck having a body including a bottom wall and side walls, an arcuate snow scoop supported on the rear of said truck and adapted to scoop up snow when the truck moves forward, a pulley rotative on one of said side walls at the rear extremity of said body, means associated with one wheel of said truck for oscillating said pulley forwards and rearwards, a carrier rotatively supported on said truck so as to move along said scoop from a lowered to a raised position for lifting snow therefrom and depositing it in said truck, means for operatively connecting said carrier with said pulley on the forward turn of said pulley, means for disconnecting said carrier from said pulley when the pulley reaches the end of its forward turn, and means for returning said carrier to its lowered position.

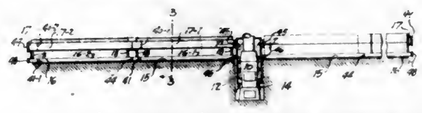
2,059,819

BROODER

Joseph B. Smith, Salt Lake City, Utah

Application August 5, 1932, Serial No. 627,619

4 Claims. (Cl. 119—32)



1. A brooder, including in combination, a heater positioned in proximity to a brooder floor, a conductor extending from said heater substantially in contact with said floor, said conductor having openings spaced apart longitudinally along the top wall thereof, another conductor extending from said heater, and spaced apart upwardly from the first-mentioned conductor, the second-mentioned conductor having openings spaced apart longitudinally from each other along the top wall thereof, a hood over and spaced apart from the second-mentioned conductor, wings extending from the hood downwardly to points in proximity to said brooder floor, and dampers for regulating the outlet of heated air through the openings in the top walls of said conductors.

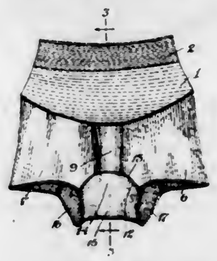
2,059,820

GIRDLE AND SHORTS

Rowland W. Spain, New York, N. Y., assignor of one-half to Henry J. Tully & Company, New York, N. Y., a firm composed of Henry J. Tully and Michael Tully

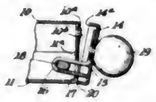
Application May 26, 1936, Serial No. 81,815

5 Claims. (Cl. 2—41)



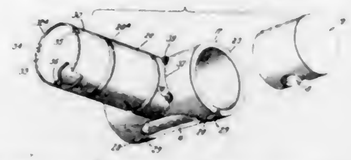
1. A combined girdle and shorts comprising a girdle portion having a belt of elastic and resilient fabric of a given strength and an elastic body of greater strength, said belt and body having a greater circumferential resiliency and elasticity than longitudinally, the upper edge of said belt being of a certain diameter and the remaining part of the belt and the body substantially flaring with the lower edge of the body slanting downwardly from the center of the rear to the center of the front when the garment is in use and when viewed from the side, and a pants structure including a two-ply section of elastic fabric at the back extending from the lower edge of said body to the crotch and upwardly in front, said front and side sections of elastic fabric extending respectively from the side edges of said two-ply section around to the front where they overlap for forming a fly, said front and said side sections having an arc-shaped notch in the lower edges at the point of overlapping, the front end of said two-ply section having a rounded end and stitching connecting said rounded end to said front and side sections in said notch.

2,059,821
VANITY CASE CONSTRUCTION
Fred Spitalny, Elizabeth, N. J.
Application November 15, 1935, Serial No. 49,881
3 Claims. (Cl. 220—55)



1. A vanity case or the like comprising a pair of shallow rectangular case portions, a spring tensioned hinge pivotally connecting said case portions, a latch member mounted along an edge of one of the case portions and opposite said hinge, a lug on the other case portion engageable by said latch member for maintaining said case closed, and resilient means for pivotally mounting said latch member comprising socket means on the latch member protruding into the interior of the case, and a bar spring positioned in the socket means, said bar spring having its ends in contact with the portion of the case mounting the latch means.

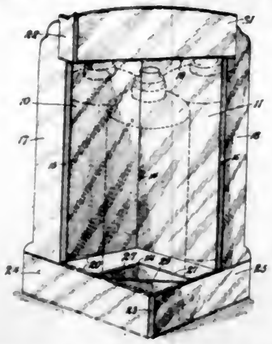
2,059,822
METHOD OF MAKING FABRICATED PISTON AND CROSSHEAD ASSEMBLIES
Christian Steenstrup, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application March 22, 1935, Serial No. 12,390
4 Claims. (Cl. 29—156.5)



1. A method of making a fabricated piston and crosshead assembly for a Scotch yoke type compressor, or the like, which comprises forming complementary notches in the transverse edges of a flat rectangular sheet of metal, bending said sheet to form a cylindrical crosshead with said transverse edges of said sheet and said complementary notches in juxtaposition to provide an axially extending slot in said cylindrical crosshead, securing said juxtaposed edges together by fusion of metal to form a longitudinal seam at the opposite ends of the slot formed by said complementary notches, and securing a cylindrical piston body by fusion of metal to said cross-head, said piston being displaced about the periphery of said crosshead approximately 90° from the center of said slot and arranged at right angles with respect to said crosshead.

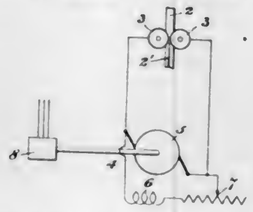
2,059,823
DISPLAY STAND
Frederick A. Sunderhauf, Rutherford, N. J., assignor to Reynolds Metals Company, New York, N. Y., a corporation of Delaware
Application April 18, 1936, Serial No. 75,173
3 Claims. (Cl. 248—174)

1. A display stand consisting of a flat blank having rearwardly yielding hinged panels forming a forwardly open angle, and lower hinged panels yieldable forwardly forming a rearwardly open angle and supporting the stand in upright position, hinged rearwardly yielding members carried by the lower panels at the rear thereof to form an article support below and forwardly of the first mentioned panels, and a limiting



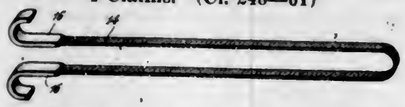
brace extending diagonally across the space between said lower panels and said supporting members.

2,059,824
ELECTRIC WELDING OF TUBING
Wilfred Sykes, Chicago, Ill., assignor, by mesne assignments, to Direct Current Welding Company, a corporation of Delaware
Application November 16, 1933, Serial No. 698,247
7 Claims. (Cl. 219—6)



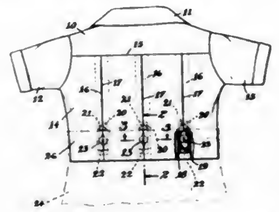
1. In apparatus for electrically welding a tube blank, a pair of welding electrodes with respect to which said tube is movable and adapted to engage the tube on opposite sides of the seam to be welded, and means for supplying to said electrodes a direct current of substantially constant value for thereby causing the walls on the opposite sides of the seam to be formed into a continuous and uninterrupted weld, said means comprising a self-excited direct-current generator connected to said electrodes.

2,059,825
STRANDED RIBBON HANGER
James E. Talbott, Dobbs Ferry, N. Y., assignor to Anaconda Wire & Cable Company, New York, N. Y., a corporation of Delaware
Application December 19, 1934, Serial No. 758,199
4 Claims. (Cl. 248—61)



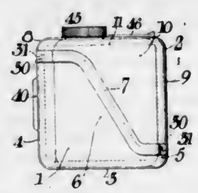
3. A hanger of the character described comprising a flat ribbon of copper strands, a respective seamless tubular attachment terminal fitting secured to each extremity of said ribbon, the two fittings adapted to cooperate in the suspension of a cable from an overhead support.

2,059,826
ATTACHMENT FOR WASH SUITS
Morris Tartikoff, Brooklyn, N. Y.
Application November 21, 1933, Serial No. 699,004
2 Claims. (Cl. 2—107)



1. In a garment having attachable portions, a back section having a plurality of vertically disposed parallel pockets formed therefrom, each of said pockets having a longitudinally extending opening and being disposed inwardly and running to the lower end of the garment, an elastic strip spaced above the lower end of the garment and running longitudinally in each of the said pockets and being secured at its ends across the said opening, a fastening element carried by each of the said strips and projecting from the opening in each of the said pockets and being movable longitudinally along the said opening.

2,059,827
CAMERA CONSTRUCTION
Walter D. Teague, New York, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Application February 26, 1936, Serial No. 65,862
14 Claims. (Cl. 95—31)

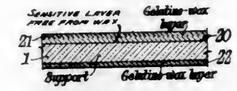


1. A camera comprising two cooperating parts, one constituting a camera body, the other constituting a camera back, the parts being of similar shape, each comprising a box-like receptacle having side walls with diagonally positioned edges and end walls connecting the ends of the diagonally arranged side walls whereby one wall is much shorter than the other and the side walls vary in height from the short wall toward the high wall.

2,059,828
FRUIT BEVERAGE AND METHOD OF PREPARING THE SAME
Guy Verley, Chicago, Ill., assignor to Albert Verley, Inc., Chicago, Ill., a corporation of Illinois
No Drawing. Application March 9, 1936, Serial No. 67,935
6 Claims. (Cl. 99—155)

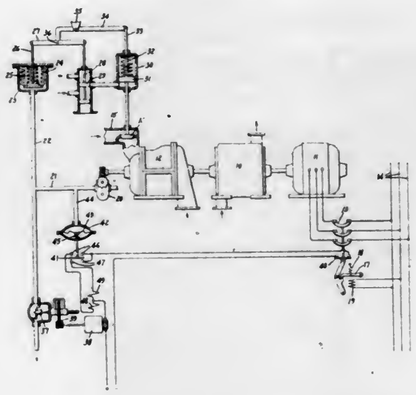
1. A citrus fruit beverage concentrate of improved keeping-quality comprising the juice of the fruit and citral-free essential oils of the fruit rind.

2,059,829
SENSITIVE PHOTOGRAPHIC ELEMENT
Erwin J. Ward, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Application November 1, 1934, Serial No. 751,007
11 Claims. (Cl. 95—8)



1. A photographic element including a support and a gelatino silver halide emulsion thereon containing a small proportion of a wax which is solid at ordinary temperatures finely and uniformly dispersed therein.

2,059,830
VARIABLE SPEED DUAL DRIVE
Donald F. Warner, Lynn, Mass., assignor to General Electric Company, a corporation of New York
Application September 5, 1935, Serial No. 39,265
6 Claims. (Cl. 60—6)

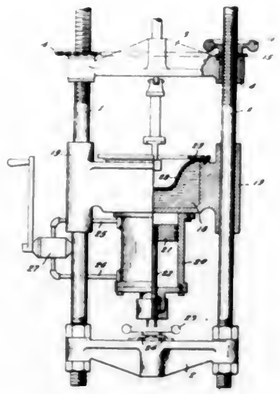


1. Variable speed dual drive arrangement including the combination of a machine, a first prime mover for normally driving the machine at a variable speed, and means including a second prime mover for automatically driving the machine upon failure of the first prime mover at substantially constant speed which speed has a fixed relation to the speed at which the first prime mover failed.

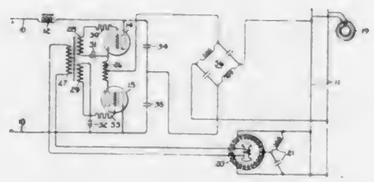
2,059,831
SHOE PRESS
Edward A. Willey, Malden, Mass., assignor to Converse Rubber Company, Malden, Mass., a corporation of Massachusetts
Application January 13, 1936, Serial No. 58,995
2 Claims. (Cl. 12—33)

1. In a shoe press of the type having an abutment head and opposed pressure means for pressing a sole against a shoe while the shoe is in a last, the combination with said head of last and toe

abutment, and means for adjusting said head toward and from said pressure means while maintaining said toe abutment at approximately the same distance from the pressure member.



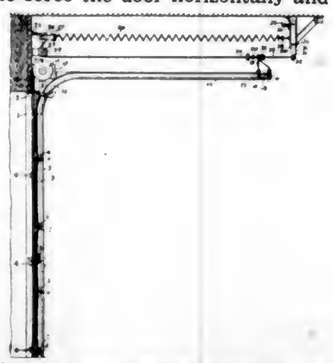
2,059,832
ELECTRIC POWER CONVERTING APPARATUS
Clodius H. Willis, Princeton, N. J., and Burnice D. Bedford, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York
Application December 20, 1934, Serial No. 758,396
12 Claims. (Cl. 175—363)



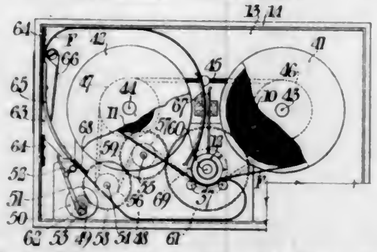
3. In combination, an alternating current supply circuit, a direct current load circuit, rectifying apparatus comprising a plurality of electric valves for interconnecting said circuits, each of said valves being provided with an anode, a cathode, and a control electrode, a monocyclic network interposed between said supply circuit and said rectifying apparatus, and means for varying the phase relation between the voltages of the grid and anode of each of said valves.

2,059,833
AUTOMATIC SAFETY OVERHEAD DOOR CLOSER
John F. Winn, Jr., Norfolk, Va., assignor to The J. G. Wilson Corp., Norfolk, Va., a corporation of Virginia
Application February 27, 1935, Serial No. 8,515
11 Claims. (Cl. 20—20)

1. In an overhead door, means for guiding the door vertically and horizontally, and resilient means normally inoperative adapted when released to force the door horizontally and downwardly into a closed position from its open position.

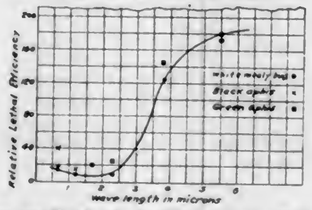


2,059,834
APPARATUS FOR FEEDING MOTION PICTURE FILM
Otto Wittel, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Application June 30, 1932, Serial No. 620,176
11 Claims. (Cl. 88—17)



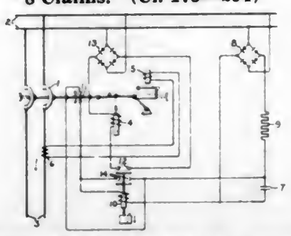
1. In a film magazine, the combination with a casing adapted to contain a film strip having a portion wound on a film roll, and a film moving means within said casing for maintaining a preformed film loop within said casing, of a guide means for conducting spaced portions of said film strip in superposed relation with respect to said film moving means and to maintain a film loop which encircles said film roll.

2,059,835
DESTRUCTION OF LIVING ORGANISMS
Archie G. Worthing, Pittsburgh, and Ralph S. Euler, Sewickley, Pa.
Application January 29, 1936, Serial No. 61,364
5 Claims. (Cl. 21—2)



1. The method of destroying small organisms by irradiation, which consists of generating infrared radiation consisting substantially of wave lengths from 26000 Angstrom units toward the longer wave lengths in the infra-red region, and collecting and directing said radiation against said organisms for a sufficient time to cause ultimate death thereof.

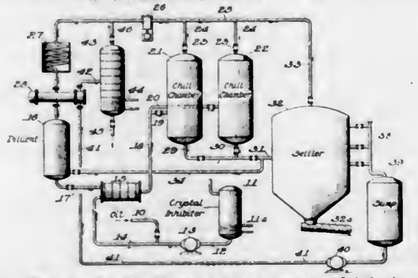
2,059,836
AUTOMATIC RECLOSING CIRCUIT BREAKER SYSTEM
Arvid E. Anderson, Drexel Hill, Pa., assignor to General Electric Company, a corporation of New York
Application September 20, 1934, Serial No. 744,796
Renewed May 15, 1936
8 Claims. (Cl. 175—294)



1. In combination, an electric circuit, a circuit breaker in said circuit, fault responsive means for effecting the opening of said circuit breaker, a charge condenser, a relay, means responsive to the opening of said circuit breaker for discharging said condenser through said relay, and means responsive to the energization of said relay for closing said circuit breaker.

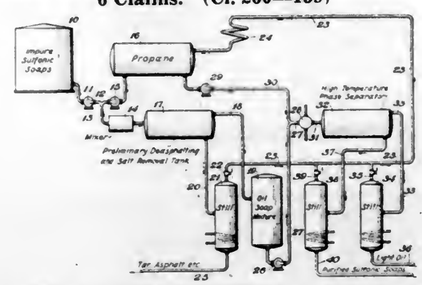
8. In combination, an electric circuit, a circuit breaker in said circuit, fault-responsive means for effecting the opening of said circuit breaker and means for effecting an instantaneous reclosure of said circuit breaker including an electroresponsive device, means responsive to the energization of said device for closing said circuit breaker, a source of electric energy of sufficient capacity to effect only the single energization of said electroresponsive device, means responsive to the opening of said circuit breaker for connecting said source to said electroresponsive device, and means for restoring said source to a condition to effect another energization of said electroresponsive device in case said circuit breaker remains closed for a predetermined time.

2,059,837
DEWAXING PROCESS
John A. Anderson, Chicago, Ill., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application December 29, 1932, Serial No. 649,421
2 Claims. (Cl. 196—19)



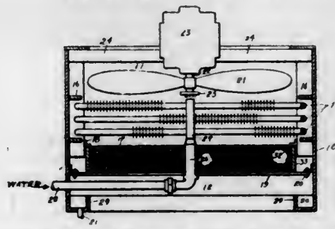
1. The method of separating wax which tends to solidify in crystalline form from wax containing oil, comprises adding thereto a small amount of a triethanolamine soap, dissolving said oil-wax soap mixture in liquid propane, chilling the propane solution to effect the solidification of wax in the form of agglomerated particles, mechanically separating the solidified wax from the diluted oil, and removing propane from the separated wax and oil.

2,059,838
PURIFYING MAHOGANY SOAP
Maurice H. Arveson, Highland, Ind., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application May 18, 1935, Serial No. 22,180
6 Claims. (Cl. 260—159)



1. The method of purifying a sulfonic soap produced by the reaction of concentrated or fuming acid on a mineral oil, which method comprises intimately admixing an impure sulfonic soap with propane heating said mixture to a high temperature and under a pressure sufficient to maintain the propane in liquid phase, removing one phase from the other, and removing the diluent from each separated phase.

2,059,839
MULTIPURPOSE HEAT TRANSFER UNIT
Carlyle M. Ashley, Maplewood, N. J., assignor, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J., a corporation of New York
Application November 15, 1933, Serial No. 698,142
14 Claims. (Cl. 257—70)

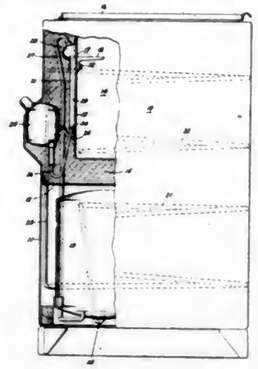


1. In a heat exchange unit, a casing, a heat exchanger and a collecting surface mounted within said casing, a fan for discharging a stream of air over said heat exchanger and collecting surface, a target carried by said fan, and a nozzle for directing a stream of water against said target whereby the water will be broken into a fine mist, and the mist distributed over said heat exchanger and collecting surface by the stream of air.

2,059,840
REFRIGERATING MACHINE
Leonard W. Atchison, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application August 21, 1934, Serial No. 740,787
9 Claims. (Cl. 62—116)

1. A refrigerating machine including a cabinet

having thermally insulated walls providing a compartment to be cooled, a liner for said compartment, and means including an evaporator comprising a sheet of metal secured face to face



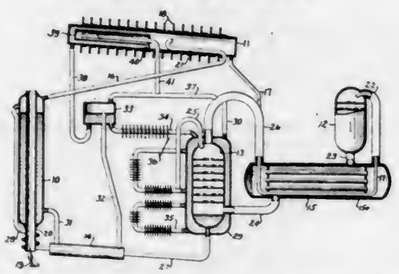
with said liner for cooling said compartment, said sheet having indentations therein providing a header and refrigerant passages between said sheet and said liner.

2,059,841

REFRIGERATION

Sigurd Mattias Bäckström, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del., a corporation of Delaware

Application December 22, 1933, Serial No. 703,530
In Germany December 30, 1932
25 Claims. (Cl. 62—119.5)



1. In refrigeration apparatus containing refrigerant fluid, absorption liquid, and auxiliary pressure equal zing gas, means for maintaining a layer of absorption liquid about a part of the apparatus of which the surfaces are normally dry, and means for cooling the liquid forming said layer.

2,059,842

SYNTHETIC RESINOUS PRODUCT

William Ba'rd and Rowland Hill, Manchester, England, ass'gnors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application October 29, 1931, Serial No. 571,933. In Great Britain November 4, 1930
9 Cla'ms. (Cl. 260—8)

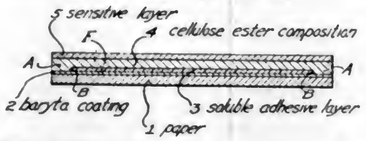
1. A process which comprises heating glycerol and phthalic anhydride in the ratio of at least 4 mols of glycerol to 3 mols of phthalic anhydride, heating the condensation product thus obtained with a non-hydroxylated fatty oil, then adding phthalic anhydride and heating until resinification is complete.

2,059,843

METHOD OF MAKING STRIPPING FILM

Norman F. Beach, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

Application August 23, 1934, Serial No. 741,087
3 Claims. (Cl. 91—69)



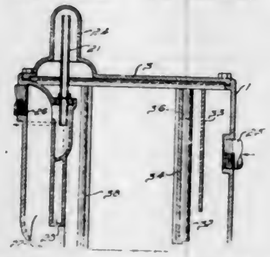
1. The method of making a stripping film that comprises coating a substantial portion only of a supporting sheet with an adhesive layer, readily soluble in photographic baths, leaving a small uncoated area, applying over the entire sheet a coating of a composition which is water-permeable but is insoluble in water or in photographic baths, and which forms a layer firmly adherent to the supporting sheet at the portions uncoated with the adhesive layer, coating the last applied layer with an aqueous photographic emulsion, drying the assembled layers and then trimming off the areas which are uncoated with the adhesive layer before exposure of the photographic emulsion.

2,059,844

GREASE INTERCEPTER

Edward W. N. Boosey, Detroit, Mich.

Application October 29, 1934, Serial No. 750,606
12 Claims. (Cl. 182—9)



1. A grease intercepter comprising a hollow body having an inlet below the top and an outlet arranged to determine the normal liquid level in the body, a partition extending across the body between the inlet and outlet separating the same into inlet and outlet chambers, said partition being arranged to provide for a flow of liquid from the surface of the inlet chamber to the surface of liquid in the outlet chamber and from the bottom of the said inlet to the bottom of said outlet chamber, a vent means providing for a flow of air and gas from the space above the liquid level in the hollow body to the outlet, and a secondary trap in the said vent means.

2,059,845

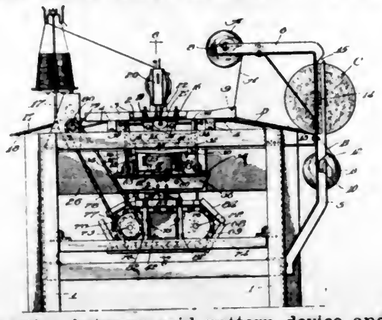
MACHINE FOR QUILTING MATTRESS BORDERS

Joseph W. Bowersox, Chicago, Ill.

Application May 16, 1934, Serial No. 725,879
8 Claims. (Cl. 112—117)

6. In a machine of the character described, a stationary frame, a table on said frame to support a piece of work, feed rolls to engage the work and move it over the table, a member mounted on said frame for swinging move-

ments about an axis transverse to the plane of the table, a sewing machine supported by and slidable along said member, a stop to limit the swinging movement of said member in one direction, a motor on said member, a movable pattern device below said member, a driving



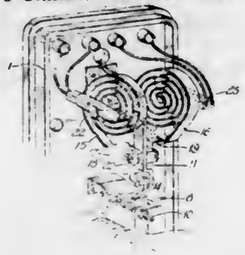
connection between said pattern device and the feed rolls; and interconnecting means between said sewing machine and the pattern device, including a part driven by said motor, to cause the sewing machine and the pattern device to move in definite time relation to and under the control of each other.

2,059,846

CONTROL MECHANISM FOR AIR CONDITIONING APPARATUS

William A. Bulger, Chicago, Ill., assignor to Petroleum Heat and Power Company, New York, N. Y., a corporation of Delaware

Application November 5, 1932, Serial No. 641,338
5 Claims. (Cl. 236—44)



1. Control mechanism for air conditioning apparatus comprising in combination a humidostat and a thermostat for controlling the moisture content and temperature of the air in a room, and means controlled by temperature conditions adjacent the exterior wall of said room for automatically altering the setting of said humidostat and thermostat to maintain such relation between the dry bulb temperature of the air in the room and the percentage of moisture contained in the air that condensing of moisture out of the air upon the inner surface of said exterior wall is prevented.

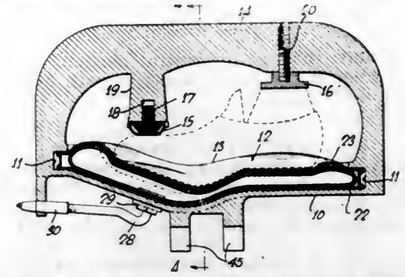
2,059,847

SOLE-AFFIXING MACHINE

William C. Card, Jr., Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y., a corporation of Delaware

Application March 11, 1931, Serial No. 522,738
28 Claims. (Cl. 12—33)

1. A press of the class described comprising in combination a base, a rigid bow member and members fixedly carried thereby for engaging respectively the heel portion and the forepart portion of a lasted shoe, said rigid member being fixedly carried by said base during a loading and inflating operation, an inflatable pad adapted to conform to and engage the sole of a shoe, a cas-



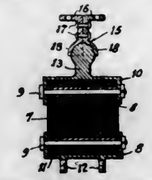
ing for said inflatable pad adapted to present a concave surface to the sole of the shoe and to maintain said concavity throughout a vertical motion equal to the difference between the highest and the lowest last for substantially all heights of lasts, and means for moving said sole engaging member more firmly to engage the sole.

2,059,848

SEAT CONNECTING DEVICE

Paul Cavitt, Watseka, Ill.

Application March 8, 1935, Serial No. 10,099
3 Claims. (Cl. 155—51)



1. A seat mounting and connecting device for use in association with agricultural machinery comprising a substantially solid body of compressible, yieldable and shock insulating properties having horizontal passages extending transversely therethrough adjacent its upper and lower ends, tubular metal bushings fitted in said passages to serve as reinforcing, connecting and wear members, substantially duplicate metal cups capped over the opposite ends of said body, attaching and assembling bolts passing through said bushing and separably connecting with the rim portions of said cups and detachably connecting the rim portions to the adjacent ends of said body, means on the lower cup for operative connection with the frame of the machinery, the upper cup being provided with an integral upstanding shank terminating in a ball-joint connector, and an adapter bracket comprising an attaching plate and a sectional socket adjustably fastened to said ball joint connector.

2,059,849

TEXTILE APPARATUS

Albert S. Cockerham, West Memphis, Ark., assignor to Carver Cotton Gin Company, East Bridgewater, Mass., a corporation of Massachusetts

Application February 25, 1936, Serial No. 65,601
7 Claims. (Cl. 19—55)

1. A float-board or extension-curve for use in ginning apparatus, said board or curve having a substantially straight rear edge designed to fit in

close juxtaposition to the upper edge of the concave of a gin roll box, the board being curved in front-to-rear section and being wider adjacent



to its ends than at its central portion, the forward edge of the board being smooth and substantially unbroken.

2,059,850

SYNTHETIC RESINS

Cole Coolidge, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application April 16, 1932, Serial No. 605,799
7 Claims. (Cl. 260—8)

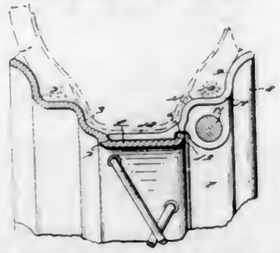
1. The resinous reaction product of a mixture comprising resin-forming ingredients consisting of a polyhydric alcohol and polybasic acid, said mixture including a ketone alcohol selected from the class consisting of mono- and di-hydric ketone alcohols.

2,059,851

RIM WITH QUICK DETACHABLE SECTION

Elbert A. Corbin, Jr., Gradyville, Pa.

Application January 25, 1934, Serial No. 708,186
4 Claims. (Cl. 152—21)



1. A rim having a fixed section having an annular depressed drop center seat extending laterally across the felloe portion and terminating in an annular raised shoulder, and a quick removable split rim section having an annular laterally extending drop center tire supporting portion extending substantially across said seat in bearing contact throughout its area with said seat and locking with said shoulder when said split rim section is contracted.

2,059,852

AZO DYES AND METHOD FOR THEIR PREPARATION

Miles Augustinus Dahlen and Frithjof Zwilgmeyer, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application August 22, 1933, Serial No. 686,239
8 Claims. (Cl. 260—53)

5. Water-insoluble azo dyes having the following general formula:



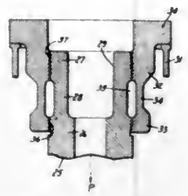
in which X is an n-auxochrome, Y represents a bivalent bridge radical, and R represents an acyl group.

2,059,853

BOLT AND NUT CONNECTION

Ernst Daiber, Berlin-Lichterfelde, Germany, assignor to General Electric Company, a corporation of New York

Application August 25, 1933, Serial No. 686,727
In Germany October 17, 1932
4 Claims. (Cl. 85—32)



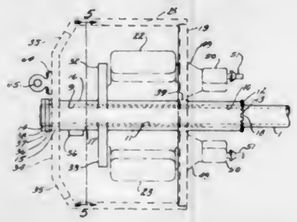
1. The combination of a bolt having a threaded end portion and a central recess defining a wall having a base portion of large cross-sectional area, a top portion of small cross-sectional area and an intermediate portion having a cross-sectional area substantially reduced with regard to the areas of the top and the base portion, and a nut screwed onto the bolt having an upper flanged portion for supporting the bolt and the nut, the threaded portion of the nut comprising a base portion of large cross-sectional area engaging the top portion of the bolt and a top portion of small cross-sectional area engaging the base portion of the bolt, and an intermediate portion of a cross-sectional area smaller than the areas of the base and top portions.

2,059,854

VEHICLE STRUCTURE

Hugh Joseph Dillon, Highland Park, Mich.

Application May 25, 1934, Serial No. 727,396
13 Claims. (Cl. 180—12)



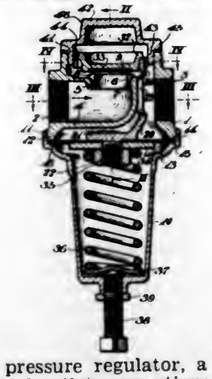
1. In a vehicle structure including a cab, a pair of engines, and a front axle assembly with wheels, the combination of a tubular frame member extending longitudinally of and at the longitudinal center of the vehicle and provided with journal portions together with a flange adjacent said journal portions, said flange being provided with grooves, a tubular housing supported on said journal portions of said tubular frame member and provided with jaw portions engaging the grooves of the flange of said tubular frame member, said tubular housing being provided with cross members for suporting said pair of engines on oppositely disposed sides of said tubular housing, said cross members further supporting said cab, means for retaining said tubular housing on the journal portions of said tubular frame member, and means for connecting said front axle assembly with said tubular housing.

2,059,855

FLUID PRESSURE REGULATOR

David D. Dresback, Pittsburgh, Pa., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa., a corporation of Pennsylvania

Application January 30, 1934, Serial No. 709,045
1 Claim. (Cl. 50—23)



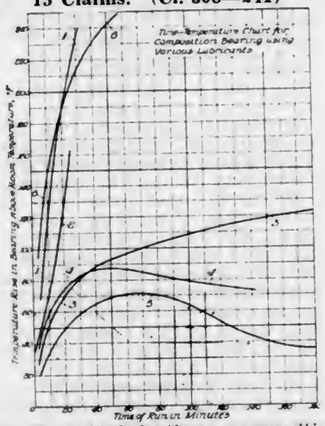
In a fluid pressure regulator, a body portion having inlet and outlet connections, a diaphragm subject to outlet pressure of the regulator, a bifurcated yoke having an open end carried thereby, a plug having a valve seat and removably located in the open end of said yoke, and a retaining ring separate from said plug and longitudinally slidable on said yoke for locking said plug in place.

2,059,856

METHOD OF LUBRICATING COMPOSITION BEARINGS

Eugene C. Eastman, Whiting, and Edward R. Barnard, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill., a corporation of Indiana

Application May 14, 1934, Serial No. 725,426
15 Claims. (Cl. 308—241)



1. A method of lubricating a composition bearing containing a synthetic resin of the class typified by the phenol-formaldehyde condensation products, comprising applying a polyhydroxy alcohol to the bearing surface.

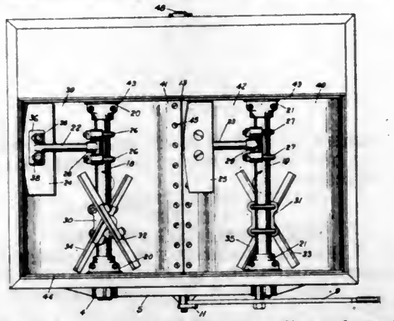
2,059,857

MATERIAL MIXER

John A. Erickson, Jackson, Mich.

Application August 20, 1932. Serial No. 629,592
8 Claims. (Cl. 83—73)

1. A material mixer of the class described, comprising a mixing chamber having front and rear walls, parallel shafts located in said chamber, opposed agitating paddles secured to said shafts having blades inclined inwardly relative to said rear wall, additional opposed paddles also secured to said shafts having certain blades inclined inwardly relative to said front wall, and certain other blades adjacent said front wall and radially spaced from said blades inclined inwardly relative to said front wall, inclined outwardly, an adjustable aperture in said front wall intermediate said shafts, and mechanism for rotating said shafts inwardly.

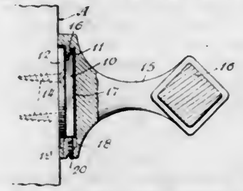


2,059,858

FIXTURE SUPPORT

Frank R. Ernst, Woodridge, N. J.

Application May 28, 1935, Serial No. 23,813
2 Claims. (Cl. 248—223)



1. A fixture support comprising a supporting member having an outwardly bevelled upper end, a fixture having a recess adapted to accommodate said supporting member and provided at one end with an outwardly bevelled undercut seat adapted to receive said bevelled upper end, the angle of said bevelled upper end being less than the angle of said bevelled undercut seat whereby said bevels co-operate to develop a camming action, and a screw carried by said fixture in registry with said recess and adapted to engage the lower end of said supporting member whereby said bevelled undercut seat is drawn against said bevelled upper end to force said fixture toward said supporting member and firmly fix said fixture in operative position thereon.

2,059,859

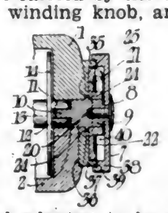
WINDING KEY FOR CAMERAS

Carl C. Fuerst, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

Application April 25, 1934, Serial No. 722,347
4 Claims. (Cl. 242—71)

1. In a film winding mechanism for cameras, the combination with a flanged, annular forming on a camera body having a central opening therein, of a shaft passing through said opening and supporting a flanged, annular knob with

the flange lying close to the annular camera forming, a pawl carried by the shaft and inside of the annular winding knob, and a ratchet on



the camera and adapted to be engaged by the pawl to prevent rotation of the winding knob in one direction.

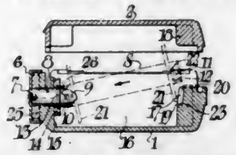
2,059,860

ROLL HOLDING CAMERA

Carl C. Fuerst, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

Application February 8, 1935, Serial No. 5,603

8 Claims. Cl. (242—71)



1. In a camera for use with film wound on spools, the combination with a camera body, of a spool chamber therein, a winding mechanism mounted to turn but not to slide on the camera body and adapted to engage and turn a spool located in one end of said spool chamber, and a cam mounted in the opposite end of the spool chamber adapted to move a spool toward said winding mechanism as said spool moves into the spool chamber.

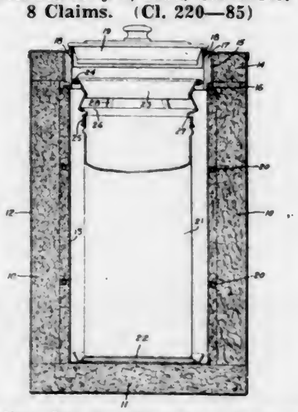
2,059,861

RETAINING COLLAR FOR FOOD CABINETS

Donald H. Gaston, Fort Wayne, Ind., assignor to General Electric Company, a corporation of New York

Application January 6, 1934, Serial No. 705,557

8 Claims. (Cl. 220—85)



1. A collar for positioning a food container within a refrigerated chamber, said collar comprising an outwardly and upwardly flared ring, and means for providing ventilating openings between said ring and a food container and for supporting said ring on said food container.

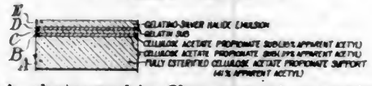
2,059,862

MANUFACTURE OF PHOTOGRAPHIC FILMS

Harry Le B. Gray, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

Application January 16, 1935, Serial No. 2,081

10 Claims. (Cl. 95—9)



1. A photographic film support comprising a cellulose organic acid ester film base of substantial thickness having superimposed on and adhesively joined thereto, a composite layer composed of a series of separate and distinct extremely thin layers of a cellulose organic acid ester material substantially identical with the material of the base, but each of said layers composed of material hydrolized to a greater degree than the material of the layer next underlying it and to a less degree than the layer next overlying it, each of said layers being compatible with the material of both the underlying and overlying layers and adhesively joined thereto.

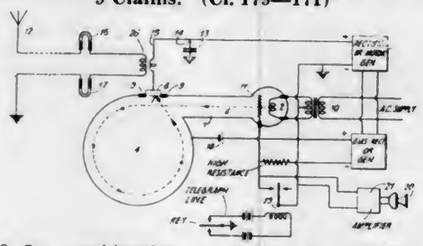
2,059,863

HIGH FREQUENCY OSCILLATOR AND MODULATION CIRCUIT

Clarence W. Hansell, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Application April 22, 1933, Serial No. 667,357

9 Claims. (Cl. 179—171)



3. In combination, a device for producing ultra high frequency oscillations comprising a cathode for emitting electrons, an anode for attracting electrons, a control electrode intermediate said cathode and anode, and means for causing the stream of electrons to travel in a curved path, said means comprising a curved shell which has a potential at least as negative as that of the filament, the anode being arranged to permit passage of said stream of electrons from said cathode to said curved shell and to receive the electrons after their travel around the curved shell, an output circuit coupled to said anode, and means for varying the potential on said control electrode in accordance with the signal wave to be transmitted thereby to vary the density of the electrons traversing said curved shell and impinging upon said anode.

2,059,864

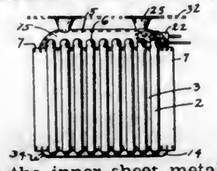
EVAPORATOR DEVICE

Delos P. Heath, Detroit, Mich.

Application September 24, 1931, Serial No. 564,729

2 Claims. (Cl. 62—126)

2. An evaporator for a refrigerating system comprising, superimposed sheet metal portions having parts thereof secured together at certain points and other parts thereof spaced apart at certain other points to provide a double wall having refrigerant passages therebetween, said double wall being formed to provide a plurality of walls of a sharp freezing compartment, the outer sheet metal portion of the double wall having a part thereof bulged outwardly at the top of the evaporator beyond the parts thereof



spaced from the inner sheet metal portion and forming a chamber or manifold communicating with said refrigerant passages, and a cup-shaped member having the bottom thereof formed to conform to the contour of the outwardly bulged wall of said header or manifold and secured thereto to form a support for suspendingly supporting said evaporator.

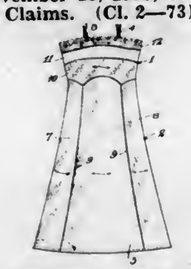
2,059,865

SLIP

Mary C. Hennessy, New York, N. Y., assignor to Franklin Simon & Co., Inc., New York, N. Y., a corporation of New York

Application November 18, 1935, Serial No. 50,455

4 Claims. (Cl. 2—73)



3. A slip comprising a skirt section and a bodice section, said sections adjacent their meeting edges forming the waistline of the garment, said bodice having front and rear central circumferentially extending panels of non-elastic material connected together end to end substantially at the sides of the garment and front and rear upper and lower circumferential bands of material elastic circumferentially connected together end to end substantially at the sides of the garment, said front and rear upper and lower panels being connected respectively to the upper and lower circumferential edges of said front and rear central panels.

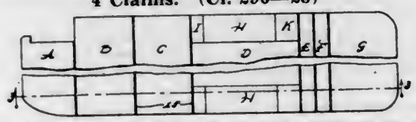
2,059,866

BUS BODY

Earl M. Hicks, Lebanon, Ind.

Application July 27, 1936, Serial No. 92,724

4 Claims. (Cl. 296—28)



1. A vehicle body comprising a floor composed of a plurality of transversely extending elements connecting in series, said elements comprising a group composed of a medial section having a dimension transversely of the vehicle less than the distance between the rear wheels of a supporting chassis, and two flanking groups, each comprising an arched wheel housing and a floor plate section.

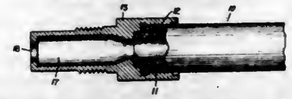
2,059,867

METHOD OF SECURING A METAL MEMBER TO A NONMETALLIC TUBULAR MEMBER

Henry P. Hinds, Providence, R. I., assignor to General Electric Company, a corporation of New York

Application June 22, 1932, Serial No. 618,817

7 Claims. (Cl. 18—59)



1. The method of securing a metal member having an opening with a groove to a composite fibrous tube which consists in forming the fibrous tube by covering a solid wall tube with laminated material, placing the fibrous tube in line with the opening in the metal member, applying heat to the metal member, applying pressure to the tube and metal member to force the tube into the opening in the metal member and expand the laminated material into the groove adjacent the opening.

2,059,868

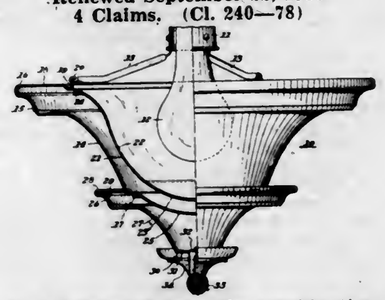
ILLUMINATING DEVICE

John A. Hoeveler, Pittsburgh, Pa., assignor to Pittsburgh Reflector Company, Pittsburgh, Pa., a corporation of New Jersey

Application February 16, 1933, Serial No. 657,008

Renewed September 22, 1936

4 Claims. (Cl. 240—78)



1. In a lighting fixture, the combination with an opaque exterior bowl having an open bottom, an inwardly extending ring seated in the upper edge thereof, the edge of the bowl being turned over the ring, supporting means attached to said ring, and a reflector having a light-transmitting portion, seated on said ring, a color cap closing the open bottom of said bowl and underlying said light-transmitting portion, and means below the cap effective to reflect colored light passing therethrough onto the exterior of said first-mentioned bowl.

2,059,869

ANTENNA FOR AUTOMOBILES

Edward Holecek, Algona, Iowa

Application June 18, 1935, Serial No. 27,266

1 Claim. (Cl. 250—33)

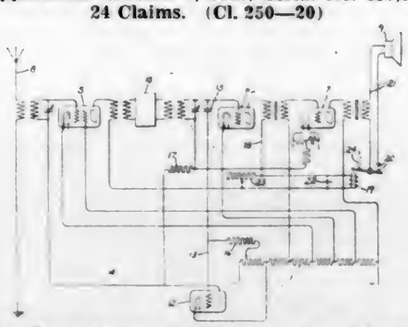
A radio antenna for automobiles, comprising a flat support of flexible insulation approximately as wide as the running board of the automobile

and of a length to extend from the running board to a few inches from the ground, means for securing said support to said running board so as to depend therefrom, said support being formed with a lower edge portion hollow for its



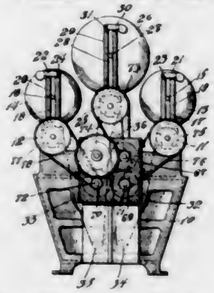
full width, a metallic member positioned in said hollow lower edge and acting in the double capacity of an antenna member and a weight tending to hold said support in a vertical position, and a lead out conductor extending from said metallic member to the top of said support.

2,059,870
PROTECTIVE MEANS FOR RADIO RECEIVING APPARATUS
Ralph S. Holmes, Haddon Heights, N. J., assignor to General Electric Company, a corporation of New York
Application October 7, 1930, Serial No. 487,044
24 Claims. (Cl. 250—20)



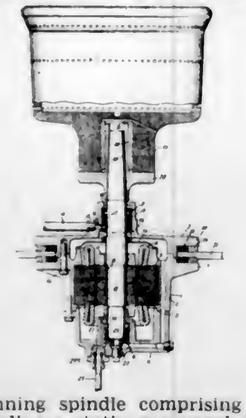
14. In a system for the reception of signal energy, a receiver having a detector normally in operative condition and a demodulated signal output path normally maintained in a condition of disability, means responsive to carrier energy transmitted to the receiver for adjusting the gain of said receiver, and means responsive to said carrier energy for removing the disability from said demodulated signal output path.

2,059,871
DYE JIG
Henry W. Honeyman, Jr., East Providence, R. I.
Application November 18, 1933, Serial No. 698,633
1 Claim. (Cl. 8—19)



A dye jig comprising a tub for the dye liquor bath, means for mounting a plurality of beams of material to be dyed adjacent the bath, means for mounting a receiving beam adjacent said bath, guides in said tub below the surface of the dye liquor bath for guiding the webs of material from the plurality of beams below the surface of the liquor bath and thence to the receiving beam, means for driving the receiving beam to simultaneously draw the webs of material from the plurality of beams thereto, and means to drive the plurality of beams at synchronous speeds to return the web material to them from the receiving beam.

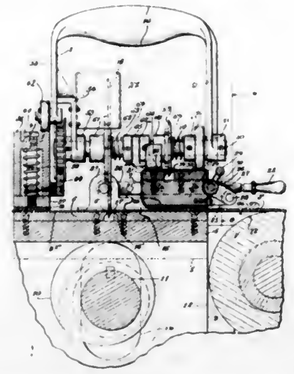
2,059,872
SPINNING SPINDLE
Edwin H. Hull, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application February 17, 1934, Serial No. 711,766
22 Claims. (Cl. 117—27.6)



1. A spinning spindle comprising an electric motor including a stationary member and a rotatable member having a vertical shaft extending from said motor, a water-lubricated sleeve bearing of synthetic resin between said shaft and said stationary member and above said rotating member, a baffle below said bearing and extending over said rotating member, means conducting water over said baffle for cooling said motor, and a spinning device adapted to rotate at speeds greater than 4000 R. P. M. mounted on the extended portion of said shaft and driven thereby.

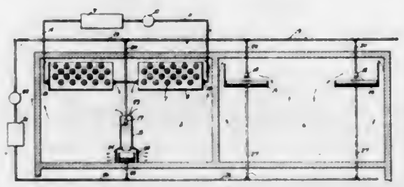
2,059,873
MACHINE FOR TRIMMING AND SPLICING THE WASTE ENDS OF PAPER AND SIMILAR WEBS
John A. Jones and Alfred C. Miller, Baltimore, Md.
Application April 8, 1936, Serial No. 73,382
17 Claims. (Cl. 164—77)

9. The combination in a machine for splicing the waste ends of paper and similar webs to form them into a continuous web, means for supporting a let off roll for waste ends, and a take up roll to carry a continuous web, rolls being in parallel and spaced apart in let off and take up relation, the rolls being rotatable to transfer the web as it is formed from the let off roll to the take up roll and a table extending across the machine between said rolls and adapted to support the web, a cutting edge intermediate said table extending across the path of the web in the direction of said roll axes, web holding means on one side of said edge, a cutter bar on the side of said cutting edge opposite to said web holding means, said cutter bar having guiding means permitting it to be moved into and out of contact with the web on said table, and a cutting edge extending in the direction of the first mentioned cutting edge, means for holding the paper on said cutter bar on the side of said cutting edge remote from said first mentioned cutting edge, ways extending



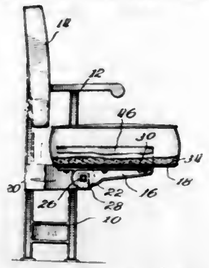
transversely the path of the web adjacent said table, a cutter carriage adapted to be moved across the table on said ways, cutters on said carriage adapted to cooperate respectively with said edges as the carriage moves across the machine, said cutters being mounted to rotate and also to move transversely to the cutting plane and springs for holding them in cutting contact with the cutting edges.

2,059,874
COLD STORAGE HUMIDIFICATION AND DEHUMIDIFICATION SYSTEM
Walter Jones, Princeton, N. J., assignor to Carrier Engineering Corporation, Newark, N. J., a corporation of New York
Application February 14, 1935, Serial No. 6,433
8 Claims. (Cl. 261—9)



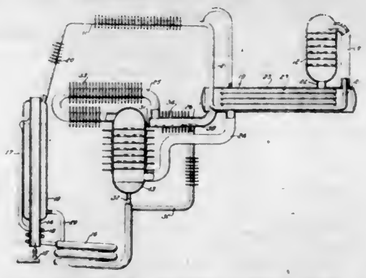
1. The method of conditioning a plurality of enclosures which comprises intimately contacting a first volume of fluid with a first volume of air at a temperature lower than that of the fluid, intimately contacting a second volume of fluid with a second volume of air at a temperature higher than that of the fluid, whereby the first volume of air will be heated and humidified and whereby the second volume of air will be dehumidified and cooled, then cooling said first volume of air whereby its relative humidity may be increased to the saturation point, mixing the unevaporated portion of said first volume of fluid, said second volume of fluid and the fluid condensed from said second volume of air, refrigerating said fluid and recirculating said fluid through the system.

2,059,875
SEAT CUSHION
Solomon Katz, Chicago, Ill., assignor of one-half to Albert G. Joseph, Chicago, Ill.
Application July 13, 1934, Serial No. 734,883
4 Claims. (Cl. 155—183)



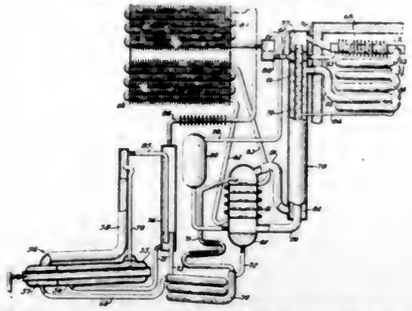
1. A theater seat or the like, comprising a padded flexible walled container having similar top and bottom walls, and side walls joining said top and bottom walls, a pair of securing flaps attached to the central portions of said side walls respectively, a metallic edging strip secured to the free edge of each of said flaps, said edging strip having open end slots formed therein, a pair of seat supporting arms, a seat plate, and a plurality of bolts passing through said seat plate and said supporting arms and adapted to clamp said strips between the seat plate and the arms.

2,059,876
REFRIGERATION
Wilhelm Georg Kögel and Nils Erik Widell, Stockholm, Sweden, assignors, by mesne assignments, to Servel, Inc., Dover, Del., a corporation of Delaware
Application July 2, 1934, Serial No. 733,484
In Germany July 3, 1933
16 Claims. (Cl. 62—119.5)



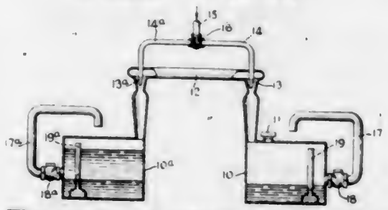
15. In a method of refrigeration with an absorption system which includes the step of flowing a mixture of inert gas and refrigerant vapor in contact with an absorption liquid, that improvement which consists in carrying out said step in such manner that the absorption liquid first comes into contact with mixture containing the least amount of refrigerant vapor and the mixture first comes into contact with absorption liquid containing the greatest amount of absorbed refrigerant, and performing a further step of conducting the mixture out of contact with liquid in a path intermediate said places of first contact and reducing the temperature of the mixture in said path materially below the temperature at which it leaves liquid contact in order to effect greater absorption in that part of said first step in which the weakest mixture flows in contact with the absorption liquid.

2,059,877
REFRIGERATION
Wilhelm Kögel, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del., a corporation of Delaware
Application July 3, 1934, Serial No. 733,573
In Germany July 15, 1933
19 Claims. (Cl. 62—119.5)



19. In a method of refrigeration which includes the steps of evaporating and diffusing refrigerant liquid into inert gas and absorbing refrigerant vapor out of the gas at several places of evaporation and absorption, that improvement which consists in utilizing difference in specific gravity of the mixture to cause circulation of the gas with the same vertical direction of flow in said places of evaporation and absorption, and conducting liquid refrigerant to said place or places of evaporation in such a manner that it first reaches a further place of evaporation in contact with the gas where the gas flow is in a vertical direction opposite to that in said place or places of absorption.

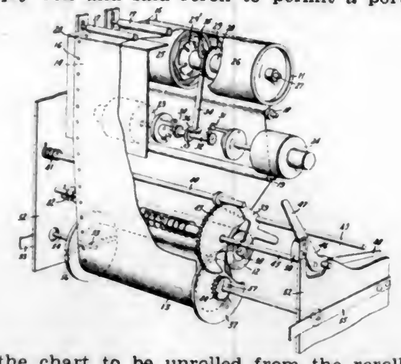
2,059,878
REFRIGERATOR
Peter Köhler, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del., a corporation of Delaware
Application May 3, 1932, Serial No. 608,888
In Germany July 30, 1931
13 Claims. (Cl. 62—170)



1. The process of refrigeration which comprises applying a jet of water to aspirate vapor from above a body of cooling liquid immiscible with water, condensing the vapor by the pressure of and heat transfer to the water, separating the condensate from the water and removing the water, against a gas pressure, from the presence of the separated condensate, by developing a pressure above a predetermined value on the condensate and water.

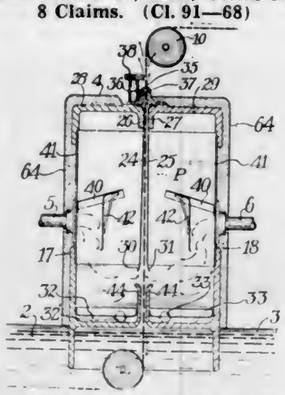
2,059,879
RECORDING DEVICE
Cramer W. La Pierre, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application December 1, 1934, Serial No. 755,643
3 Claims. (Cl. 242—55)

1. In a strip chart recorder, the combination of a record chart in strip form, means for advancing said strip in the recorder, a supply roll and a reroll normally in frictional engagement with said supply roll, means for separating said supply roll and said reroll to permit a portion



of the chart to be unrolled from the reroll, a spring for connection to said reroll arranged to be wound as the reroll is unrolled, and means for connecting said spring to said reroll only when said reroll and said supply roll are separated.

2,059,880
METHOD OF SIZING PHOTOGRAPHIC PAPER
Gerould T. Lane, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Application March 12, 1935, Serial No. 10,635
8 Claims. (Cl. 91—68)

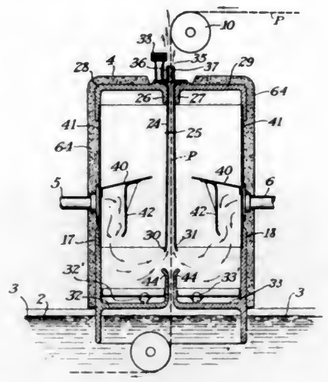


1. The method of sizing paper which comprises treating paper with high velocity steam, excluding air from the paper, and plunging it into a sizing bath.

2,059,881
APPARATUS FOR SIZING PHOTOGRAPHIC PAPER
Gerould T. Lane, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Original application March 12, 1935, Serial No. 10,635. Divided and this application March 7, 1936, Serial No. 67,701
11 Claims. (Cl. 91—46)

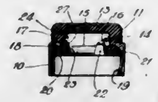
1. An apparatus for sizing paper comprising, in combination, a tank adapted to contain size

to a predetermined level, and a paper passageway leading to the sizing bath, side and end walls constituting a passageway for paper and shaped to form an aspirator, means for admit-



ting steam on both sides of the paper path through walls of the aspirator, and steam baffles inside of the aspirator to deflect the flow of steam therethrough.

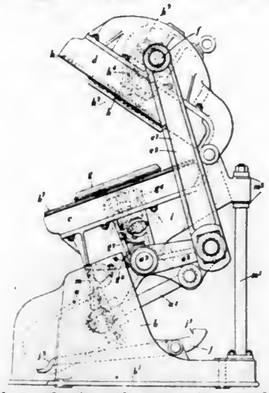
2,059,882
CAP FOR TYPEWRITER KEY BARS
Jack Linsky, New York, N. Y.
Application November 11, 1935, Serial No. 49,147
8 Claims. (Cl. 197—103)



1. In a finger cushioning device, the combination of, a shell having an annular flange, a resilient indicia identified cap retained by said flange and comprising an annular depending portion, a backing having an annular rim interposed between said shell and depending portion, and a plurality of prongs extending upwardly from said backing and each including a relatively sharp tapered terminal adapted to penetrate the body of said cap to prevent removal of the latter from said flange.

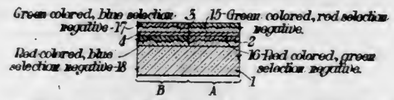
2,059,883
VULCANIZING OR SIMILAR PRESS
Colin Macbeth, Birmingham, England
Application May 11, 1931, Serial No. 536,467. In Great Britain October 28, 1930. Renewed August 20, 1934
8 Claims. (Cl. 18—17)

1. A press including relatively movable mold members operated by a toggle mechanism and work clamping ring, wherein the said toggle mechanism comprises a power-operated link and side levers respectively connected to cross-shafts disposed respectively above and below the work-clamping rings in the mold-members, and these shafts are so connected to the complementary rings as to displace the latter relatively to their



mold-members during the opening and closing of the press.

2,059,884
COLOR PHOTOGRAPHY
Leopold D. Mannes and Leopold Godowsky, Jr., Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Application September 21, 1932, Serial No. 634,182
20 Claims. (Cl. 95—2)



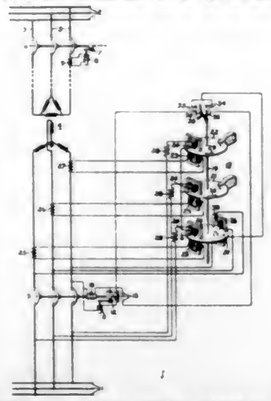
1. The process of producing a three color photographic record which comprises forming in one area two differentially color sensitized layers in superposition two registering images of the same subject, the images being different color sensation records thereof, and forming in another area of the same layers a third different color sensation record of the same subject, the images thus formed in one layer being of different color than those in the other layer, exposing the same area of a sensitive film carrying three differentially color sensitized layers to printing light of three different colors transmitted by said three color sensation records respectively, the three different colors being those to which the layers are differentially sensitive thereby forming in each sensitive layer a color sensation record, and then transforming said last named three color sensation records into images of different suitable complementary colors.

9. A photographic element comprising a support and two sensitive layers thereon, one layer including silver bromide as the sensitive salt and the other layer including silver chloride as the sensitive salt, whereby the silver chloride can record an image of infra-red light to which the silver bromide layer is insensitive and can be fixed in a solvent for silver chloride which is not a solvent for silver bromide.

2,059,885
SYSTEM OF ELECTRIC DISTRIBUTION
Willard J. McLachlan, Scotia, N. Y., assignor to General Electric Company, a corporation of New York
Application October 10, 1934, Serial No. 747,743
6 Claims. (Cl. 175—294)

1. In combination, an electric circuit, a circuit breaker in said circuit, and means for controlling

said circuit breaker including a relay comprising a movable element having a closing position and an opening position, biasing means for maintaining said element out of its closing position when said relay is deenergized, cooperating voltage and current windings connected to said circuit so as to exert only when said circuit breaker is closed an effect on said element in a direction to move

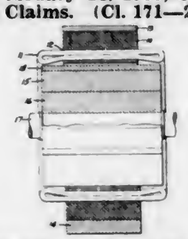


it to its closing position under certain conditions of power flow in said circuit and an effect in a direction to move it to its opening position under other conditions of power flow, and voltage responsive means connected to said circuit for continuously exerting on said element as long as said circuit is energized an effect in a direction to move said element to its closing position.

2,059,886
DYNAMO-ELECTRIC MACHINE

Frank W. Merrill, Fort Wayne, Ind., assignor to General Electric Company, a corporation of New York

Application February 14, 1936, Serial No. 63,870
8 Claims. (Cl. 171—209)



1. A dynamo-electric machine having a core of magnetic material provided with a winding, a magnetic excitation system including a plurality of permanent magnet pole pieces of substantially greater axial length than said core arranged to cooperate electrodynamically therewith, and means for concentrating the flux produced by said excitation system in the air gap between said core and said pole pieces and for minimizing flux leakage beyond the air gap.

2,059,887
DIFFERENTIAL TREATMENT OF MULTI-LAYER FILMS

Leopold D. Mannes and Leopold Godowsky, Jr., Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

No Drawing. Application February 27, 1935, Serial No. 8,517
24 Claims. (Cl. 95—2)

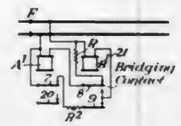
1. A process for treating a photographic element having photographic images in different layers on one side of a support that comprises submitting the element to a bath which is capable of diffusing into all of the layers and of transforming the images therein, said bath including a substantially inert material tending to retard the diffusing of said bath, until at least one of the outer images is substantially completely transformed and then discontinuing the action of such bath before an inner image is affected.

18. A solution for terminating the action of a ferricyanide bleaching bath that comprises alkaline hydrazine.

2,059,888
RAILWAY TRACK CIRCUIT APPARATUS

Paul N. Martin, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application August 30, 1933, Serial No. 687,476
22 Claims. (Cl. 246—41)

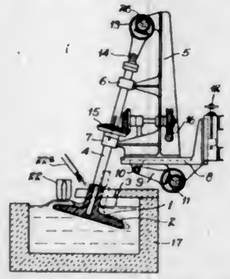


1. In combination with a section of railway track and a source of current connected across the rails of said section, a track relay and an auxiliary relay, a pickup circuit for said track relay connected across the rails of said section and including a back contact of said auxiliary relay, a circuit for said auxiliary relay connected across the rails of said section and including a front contact of said track relay, and an impedance connected across said back contact for decreasing the energization of said track relay to improve the shunting sensitivity of said track section.

2,059,889
GLASS FEEDER

William A. Morton, Pittsburgh, Pa.

Application June 28, 1930, Serial No. 464,493
4 Claims. (Cl. 49—56)



3. A glass gathering implement adapted to deliver molten glass charges to a suction parison mold from a pool of molten glass in a container, supporting walls extending above the glass in the said container, a plurality of suction parison molds above the said glass supporting walls, and means submerged in the glass pool and rotatable therein for causing movement of the glass in an axial and angular direction to raise the glass above the surface of the pool in the path of movement of the suction parison mold.

2,059,890
FILM CUT-OUT

George J. Meyers, Jr., Lynn, Mass., assignor to General Electric Company, a corporation of New York

Application May 1, 1936, Serial No. 77,356
5 Claims. (Cl. 200—118)

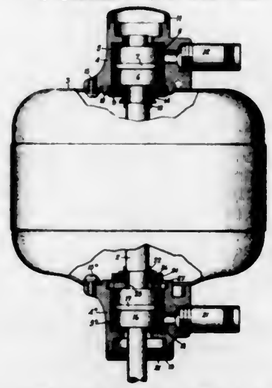


1. In a film cutout, the combination of an insulating film covered member, a casing therefor comprising a pair of metal disks contiguous to the two sides of said film, and an insulating member for separating said disks along their edges, the width of said insulating member being greater than its thickness whereby the creepage of moisture into the casing is prevented and a minimum of insulation is exposed to atmosphere.

2,059,891
BEARING STRUCTURE FOR ELECTRIC MOTORS AND THE LIKE

Harold F. Morse, Southport, Conn., assignor to General Electric Company, a corporation of New York

Application October 28, 1933, Serial No. 695,628
2 Claims. (Cl. 308—26)



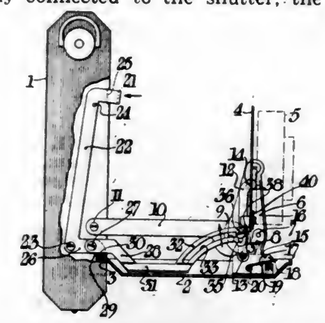
2. In combination, a bearing housing, a self-aligning bearing in said housing, a shaft rotatably mounted in said bearing, a thrust collar fixed on the shaft, a thrust washer loose on the shaft and engaging the bearing, yielding means located between the collar and the washer, and means connecting the washer to the collar to cause it to turn therewith.

2,059,892
SHUTTER ACTUATING MECHANISM

August Nagel, Stuttgart, Germany, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

Application March 3, 1936, Serial No. 66,845
In Germany September 17, 1935
10 Claims. (Cl. 95—53)

1. In a folding camera, the combination with a camera body, of a foldable front for the camera movably mounted thereon to move to a picture taking open position and to a closed folded position, a shutter carried by the foldable front, a shutter release mounted on the camera body and operably connected to the shutter, the shutter



release including a member movably mounted on the camera body and adapted to be projected therefrom by moving the foldable front to a picture taking position.

2,059,893
MANUFACTURE OF ARTICLES FROM STEEL ALLOYS

Friedrich Karl Naumann, Essen, Germany, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany

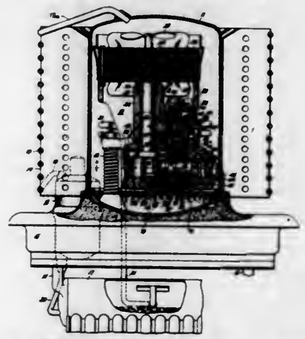
No Drawing. Application November 22, 1933, Serial No. 699,300. In Germany December 7, 1932
3 Claims. (Cl. 75—123)

1. Articles which in their normal use are subjected to the attack of hydrogen at high hydrogen partial pressures and high temperatures, said articles being composed of a steel alloy consisting of carbon not over 1%; a small amount of silicon not over about 1.5%; a small amount of manganese not over about 0.5%; an amount of titanium sufficient to protect the carbon, within the range of 0.4–5%; the remainder substantially iron.

2,059,894
REFRIGERATOR COMPRESSOR

Delbert F. Newman, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application June 23, 1933, Serial No. 677,212
10 Claims. (Cl. 230—30)



1. In a refrigerating machine, a casing, a refrigerant compressor arranged within said casing and having intake and discharge ports, means for providing communication between said intake port and the interior of said casing, means for

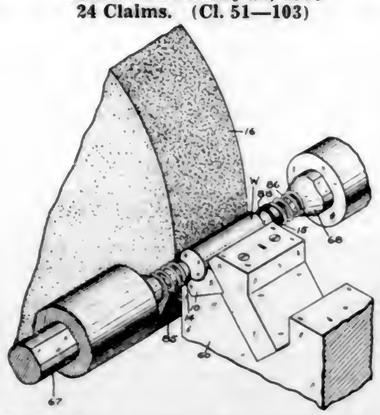
providing communication between said discharge port and the interior of said casing, and means including a single piston arranged in both of said communicating means and responsive to the pressure of refrigerant discharged from said compressor for controlling the loading and unloading of said compressor.

2,059,895

GRINDING MACHINE

Charles H. Norton, Plainville, Conn., and Albert G. Belden, Worcester, Mass., assignors to Norton Company, Worcester, Mass., a corporation of Massachusetts

Application October 3, 1931, Serial No. 566,738
Renewed February 24, 1936
24 Claims. (Cl. 51—103)



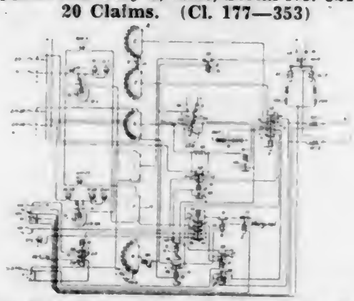
1. A grinding machine for round work comprising a rotatable grinding wheel, a work support having a work supporting surface peripherally engageable and shaped to mate with the ground surface of the finished work piece which is arranged to constitute the sole support and hold the work in correct grinding relation with the wheel, means to cause relative feeding movement between the wheel and the work support to grind the work and non-supporting means independent of the work support to cause the work to rotate at a controlled rate in the same direction as the wheel at the point of contact.

2,059,896

SUPERVISORY CONTROL SYSTEM

James H. Oliver, Aldan, Pa., assignor to General Electric Company, a corporation of New York

Application July 8, 1932, Serial No. 621,405
20 Claims. (Cl. 177—353)



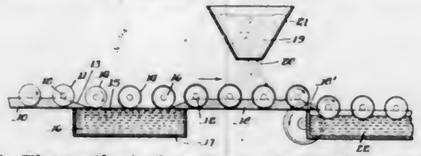
1. In a supervisory control system, a first station, a second station, apparatus units at said second station, signalling devices at said first station individual to each apparatus unit, two line conductors interconnecting said stations, synchronously operated selecting means at each station having a single position individual to each of said units, said means including means for transmitting current impulses through said conductors in series to effect the synchronous operation of said selecting means, means for stopping each selecting means in the position individual to a unit, means for transmitting through said line conductors in series a plurality of current impulses while said selecting means remain in the positions in which they are stopped, means responsive to each of said current impulses for effecting an operation of the unit individual to the positions in which the selecting means are stopped, and means for operating the signalling devices individual to a unit in accordance with the positions occupied thereby while said selecting means are simultaneously in the positions individual to such unit including means for transmitting through said line conductors in series signalling current varying in character in accordance with the positions of such unit.

2,059,897

CLOSURE FOR CONTAINERS AND METHOD OF MAKING

John Einar Olson, Madison, Wis., assignor to The Celon Company, Madison, Wis., a corporation of Wisconsin

Application February 13, 1933, Serial No. 656,516
15 Claims. (Cl. 18—57)



1. The method of making cylindrical bands or tubes from compounds, such as viscose, which consists in rolling molds over a surface of the solution of one of the compounds to provide a film of the solution on the molds, and then regenerating the solution into a solid.

2,059,898

METHOD OF PRODUCING MUSICAL SOUND EFFECTS

Will Osborne, Hazleton, Pa.

Application October 5, 1935, Serial No. 43,750
3 Claims. (Cl. 181—0.5)



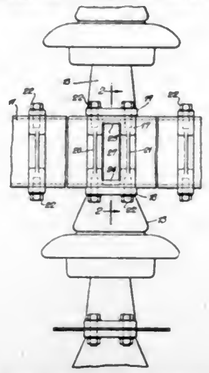
1. The method of producing musical sound effects, consisting in directing the sound from a musical instrument into a sound amplifier and thereafter permitting the amplified sound to be modified by a sound absorbing medium placed inclined to said amplifier.

2,059,899

CHANNEL CONDUCTOR CLAMP

Hugh W. Papst, New York, N. Y., assignor to Anaconda Wire & Cable Company, New York, N. Y., a corporation of Delaware

Application June 29, 1934, Serial No. 733,048
8 Claims. (Cl. 173—251)



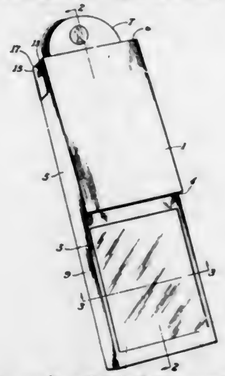
8. A hollow bus bar and supporting assembly which comprises a pair of conductor elements each having upper and lower surfaces extending toward the upper and lower surfaces respectively of the opposite element, spacing means between the upper and lower surfaces of said respective conductor elements, and means on opposite sides of said pair of conductor elements to press said members resiliently toward said spacing means.

2,059,900

FILM PACK

J. Henry S. Parker and William N. Schuler, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

Application February 12, 1936, Serial No. 63,614
16 Claims. (Cl. 95—22)



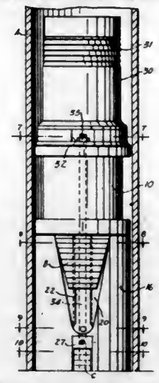
1. In a film pack, adapted to receive a pack of films with paper tabs attached thereto, the combination with an elongated casing more than twice as long as the films contained therein, an exposure frame, a presser for holding films thereagainst, an exposed film chamber located above the exposure frame and including an offset shoulder against which an edge of the exposed films may rest, and a light tight opening in the end of the film pack through which the paper tabs may extend.

2,059,901

WELL PACKER

Benjamin E. Parrish, Dallas, Tex.

Application May 20, 1935, Serial No. 22,395
10 Claims. (Cl. 166—12)



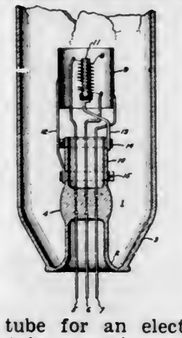
1. A well packer comprising, a mandrel, slips arranged to slide vertically on said mandrel into gripping relation with the well casing, gripping means comprising a longitudinally movable element and a cooperating spring pressed laterally movable element arranged to connect the mandrel with said slips, an elastic packing member on the mandrel arranged to be expanded into frictional engagement with the well casing and held so by said gripping means, and means for simultaneously releasing said slips and the gripping means to permit removal of the packer from said casing.

2,059,902

ELECTRODE MOUNTING

Wilhelm Persch, Berlin, Germany, assignor to General Electric Company, a corporation of New York

Application August 20, 1935, Serial No. 37,009
In Germany March 15, 1935
4 Claims. (Cl. 176—126)



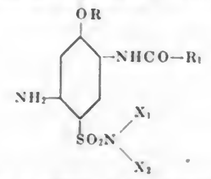
1. A stem tube for an electrode-containing vessel, which tube comprises a hollow cylinder having a sealing flare adjacent one end thereof, a press adjacent the center of the cylinder constituting a flattened portion of the cylinder walls, and an open end portion of the cylinder remote from said flare and press.

2,059,903
WATER INSOLUBLE AZO DYESTUFFS AND THEIR PRODUCTION

Pierre Petitcolas, Rouen, France, assignor to Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements Kuhlmann, Paris, France, a corporation of France

No Drawing. Application August 4, 1934, Serial No. 738,539. In France August 10, 1933
4 Claims. (Cl. 260—95)

4. The water insoluble azodyestuffs obtained by coupling of a diazo compound of an aromatic base of the following general formula:

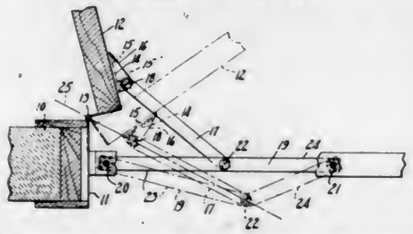


in which R is a lower alkyl group and R_1 is a radicle of the benzene series, X_1 and X_2 are elements of the group consisting of hydrogen atoms and the lower alkyl groups with components selected from the group consisting of the arylides of the β-hydroxynaphthoic acid, hydroxyanthracene carboxylic acid, hydroxycarbazole carboxylic acid, and diaceto-acetyl derivatives of p-diamines of the diphenyl series.

2,059,904
DOOR OPERATING DEVICE

John A. Platt, Akron, and Frank N. Sneyd, Stow, Ohio

Application June 12, 1934, Serial No. 730,196
10 Claims. (Cl. 16—80)



1. In combination, a frame having an opening therein, a door pivotally mounted on said frame and adapted to close said opening, a rigid member having one end pivotally connected to said door adjacent its pivot, and a yieldable member having its opposite ends connected to said frame, the opposite end of said rigid member being pivotally connected to said yieldable member between its connected ends, the axis of the pivotal connection between said door and rigid member being normally disposed on or inwardly of a plane extending through the connected opposite ends of said yieldable member.

2,059,905
METHOD OF MAKING IMPROVED BREAD PRODUCT

Raymond Powers, Syracuse, N. Y., assignor to The Borden Company, New York, N. Y., a corporation of New Jersey

No Drawing. Application August 1, 1934, Serial No. 737,928
12 Claims. (Cl. 99—90)

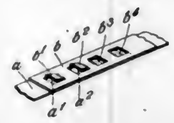
1. In the production of bread, the steps of including with the other ingredients of bread dough about 20 to 40% of milk solids, and about 75 to 90% of water, based upon the weight of flour, and mixing the dough two to five times as long as the optimum mixing time under the same conditions for bread dough without milk.

7. The process as defined in claim 1 including the step of baking the bread at an oven temperature about 20% less than the optimum temperature used under the same conditions for baking a dough without milk.

2,059,906
BALE TIE AND BAND AND MEANS FOR FASTENING THE SAME

John Vivian Prestwich, Tottenham, London, England

Application April 20, 1935, Serial No. 17,475
In Great Britain May 5, 1934
2 Claims. (Cl. 24—20)

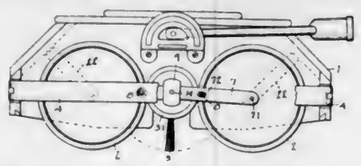


1. A bale tie or band seal, comprising a plurality of spaced oppositely directed pairs of tapered tongues the same being coaxially alined and disposed with at least one pair up and one pair down from the overlapping parts of the band, the tongues of one band passing through the apertures formed by the punching of the corresponding tongues and the overlapping parts of the band being displaced relative to one another, whereby one of the tongues of each pair not only becomes located on the opposite side of the band through which it has passed but also bites into the sides of the corresponding aperture in said band.

2,059,907
CARPET SWEEPER BRUSH DRIVE AND CONTROL MECHANISM

Fred Walter Pullen, Grand Rapids, Mich., assignor to Bissell Carpet Sweeper Company, Grand Rapids, Mich.

Application June 4, 1928, Serial No. 282,581
2 Claims. (Cl. 15—41)

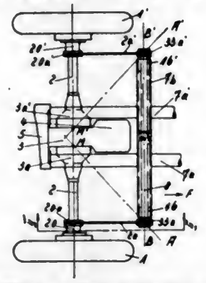


1. In a carpet sweeper structure the combination of a casing, an end bar with vertical way at the center at each end, a vertical slide at the center of each end bar, a brush pivot secured to said slide, a carpet sweeper brush with pulley revolvable on said pivot, floor wheels adapted to yieldingly contact with said brush pulley, spring axles extending from end to end of the casing at each side on which said floor wheels are revolvably supported at both ends, a central fixed support for each of said axles to said casing, and oppositely symmetrically disposed equalizer lever connections fulcrumed on said end bars between said brush and said floor wheels, the said brush and floor wheels being equalized and free to coact in response to said levers, as specified.

2,059,908
SPRINGING ARRANGEMENT FOR VEHICLES

Karl Rabe, Stuttgart, Germany

Application March 12, 1936, Serial No. 68,437
In Germany March 22, 1935
12 Claims. (Cl. 267—57)

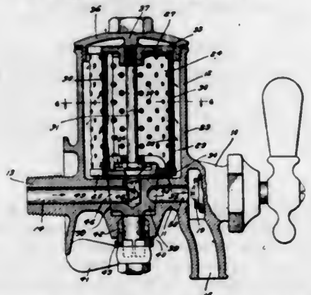


1. A springing arrangement comprising a sprung member mounted for oscillation about a point, rotary spring means the axis of rotation of which does not pass through said point, and a torsionally elastic connecting member connected adjacent one of its ends for rotation with said sprung member and connected adjacent its other end for rotation with said spring means.

2,059,909
DOMESTIC WATER SUPPLY APPARATUS

Clarence E. Ralph, Mansfield, Mass.

Application April 16, 1932, Serial No. 605,690
1 Claim. (Cl. 210—77)



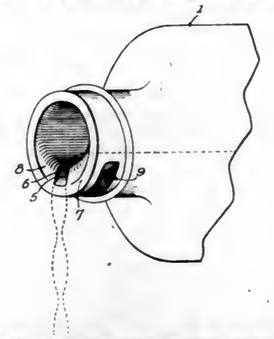
In a combination, a casing having an inflow conduit, an outflow conduit, and a control flow opening in the bottom wall thereof and a flow passageway in the side thereof, said casing having a removable top, and a removable filter frame therein comprising a filter resting on said bottom wall and in the path of flow of fluid between said control opening and said flow passageway, and a plug valve in said control flow opening having ports for connecting said inflow conduit to said control flow opening and said flow passageway to said outflow conduit, and movable to alternatively connect said inflow conduit to said flow passageway and said control opening to said outflow conduit.

2,059,910
BOTTLE FINISH

Edward A. Ravenscroft, Glencoe, Ill., assignor to Abbott Laboratories, North Chicago, Ill., a corporation of Illinois

Application December 26, 1935, Serial No. 56,150
4 Claims. (Cl. 215—31)

1. In a ready-pouring bottle, the combination with said bottle of a cylindrical neck rising from said bottle, an eccentrically placed throat in said neck formed by an inwardly-deflected portion on one side of said neck, a pitcherlike pouring spout extending laterally from said throat on the side of said inward deflection and above the same, and terminating in a pouring edge, the upper end of said neck terminating as a flat surface

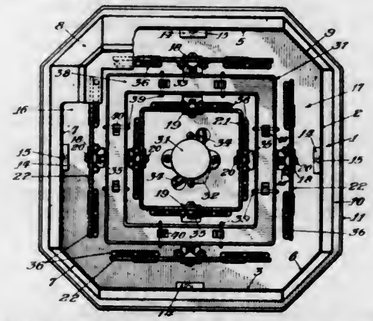


in a plane at a right angle to the axis of the neck, the outer peripheral edge of said surface forming a circle and being positioned concentric with the exterior of said neck to encompass said throat and said pouring spout and being disposed entirely above the latter at all points except the pouring edge.

2,059,911
TOASTER

Stephen F. Rebora, Chicago, Ill.

Application June 5, 1935, Serial No. 25,048
6 Claims. (Cl. 219—19)



1. An electric bread toaster comprising in combination, a shell having laterally joined side walls, inwardly extending terminations of the upper edges of said walls defining a substantially square opening at the top of said shell, a heating unit removably positioned within said shell, said heating unit comprising a plate, a plurality of panels of insulating material carried by said plate, electric heating elements carried by said insulating panels, said panels defining a toasting space within said shell in which a plurality of slices of bread may be simultaneously toasted, the entrance to said space being defined by said inwardly extending terminations of the walls of the shell.

2,059,912
REFINING OF CRUDE TRIPHENYL-PHOSPHATE

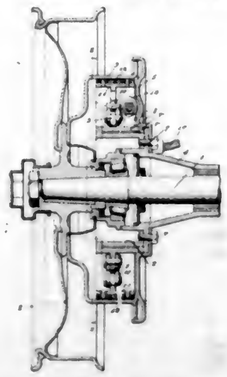
Marvin J. Reid, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

No Drawing. Application April 8, 1936, Serial No. 73,323
4 Claims. (Cl. 260—99.20)

1. The method of refining impure triphenyl

phosphate containing solid and liquid impurities insoluble in carbon tetrachloride, which comprises dissolving the impure material in carbon tetrachloride, mechanically separating the undissolved impurities from the solution and then distilling off the carbon tetrachloride, whereby substantially 100% pure triphenyl phosphate is obtained.

2,059,913
VEHICLE BRAKE
Allan E. Roberts, St. Louis, Mo.
Application March 10, 1936, Serial No. 68,096
2 Claims. (Cl. 188—78)



1. In combination with a brake drum and a fixed mounting, brake shoes to contact the drum and each of a length substantially equal to one-half of the diameter of the drum, a brake operating ring journaled on said mounting, links pivoted to said ring and to the brake shoe, a lug formed on the ring and having connected thereto a brake operating means, a spring means connected to the lug and to the mounting, stop pins secured to the mounting and each shoe having one end notched to engage the pin adjacent thereto and the opposite end beveled to contact said pin.

2,059,914
TOOTH BRUSH
George S. Rosenberg, Minneapolis, Minn., assignor of one-half to Henry D. Kane, Minneapolis, Minn.
Application July 18, 1935, Serial No. 32,008
3 Claims. (Cl. 15—110)



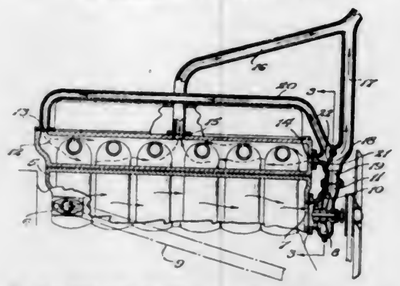
1. A tooth brush comprising a back portion having a handle projecting from one end thereof, bristles arranged in rows extending longitudinally of said back and projecting perpendicular thereto, an endless oblong soft rubber wiper flange imbedded in said back, at one edge, and completely surrounding said bristles in close association therewith, said flange adjacent said back being of approximately constant thickness, said flange having internal corrugations that extent parallel to said bristles and project beyond the outer portions of said bristles, and beyond said bristles flare outwardly and terminate in a relatively sharp edge; said corrugations being terminated far short of said back.

2,059,915
METHOD OF CLEANING METAL AND MATERIAL THEREFOR
John E. Ruch, Barberton, Ohio
No Drawing. Application May 21, 1934, Serial No. 726,867
1 Claim. (Cl. 51—278)

A material for cleaning metal surfaces comprising metal particles of a formula substantially as follows:—

	Per cent
Carbon	.125
Manganese	.37
Sulphur	.044
Phosphorus	.012
Silicon	.11
Iron	99.339

2,059,916
WATER AND TEMPERATURE REGULATOR FOR MOTORS
Robert Fulton Smith, Manheim, Pa.
Application July 1, 1935, Serial No. 29,407
3 Claims. (Cl. 123—178)

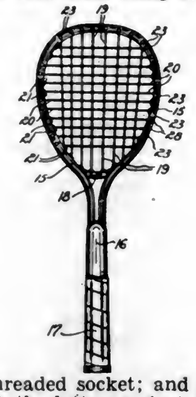


1. In an engine having a cylinder block and a head provided with liquid cooling jackets and a liquid cooling radiator, means connecting the outlet of the radiator to the jacket of the cylinder block, means connecting the inlet of the radiator to the jacket of the head, and a thermostatically controlled value connected to the jacket of the cylinder block and to the jacket of the head and to the inlet of the radiator whereby liquid from the jacket of the cylinder block may be circulated from the latter to the radiator or through the jacket of the head to the radiator.

2,059,917
TENNIS RACKET
Vernon Spencer, Randwick, near Sydney, New South Wales, Australia
Application July 3, 1935, Serial No. 29,717
In Australia July 10, 1934
2 Claims. (Cl. 273—73)

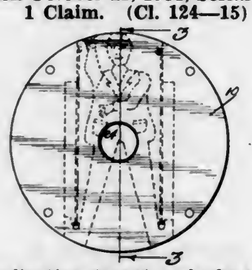
1. An improved tennis racket comprising a tubular metal frame; members encasing the ends of said frame to provide a handle to the racket; strings disposed transversely and longitudinally in said frame; and tensioning means in said frame, to which said strings are attached, said tensioning means including rotatable nipples disposed in holes formed transversely through the said frame, and each of said nipples having in one end a threaded socket for a tensioning key and having two diametrically disposed holes to

receive the end portion of one of the aforesaid strings, one of said holes being at the inner end



of the said threaded socket; and means in said nipples to lock the latter against rotation.

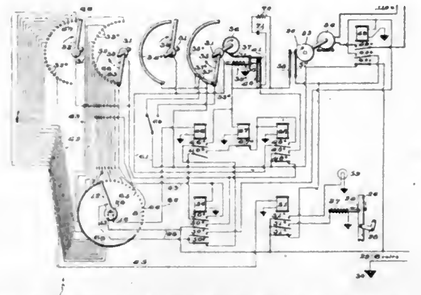
2,059,918
TARGET
Anton Straka, Chicago, Ill., assignor of twenty per cent to R. Jaromir Psenka and twenty-five per cent to Frank De Giorgi, both of Chicago, Ill.
Application October 11, 1934, Serial No. 747,977
1 Claim. (Cl. 124—15)



In an indicating target, a body comprising a disk-shaped plate, a pair of crescent-shaped plates having their convex edges in line with diametrically opposite edges of the disk-shaped plate and secured thereto to define a transversely extending slot, a second disk-shaped plate overlying the crescent-shaped plates, the slot extending completely through the body with opposite walls of the slot constituting guideways for a figure toy normally concealed within the slot between the disk-shaped walls, the walls being abruptly inset at corresponding ends adjacent one side of the body to provide abutment shoulders, a figure toy normally concealed in the slot and having legs and an outwardly directed abutment foot on each leg slidably engaged with the guideway for engagement with an abutment shoulder and means for projecting the figure toy from its concealed position comprising a pair of elastic cords respectively attached at one end to a foot and anchored to a wall of the guideway outwardly of the abutment shoulders.

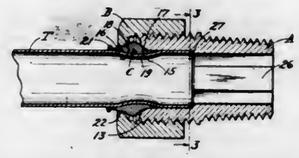
2,059,919
ELECTRIC COMBINATION LOCK
Edmund E. Teubner, Philadelphia, Pa., assignor to The Hollar Company, Philadelphia, Pa., a corporation of Pennsylvania
Application January 24, 1936, Serial No. 60,573
7 Claims. (Cl. 70—63)

1. An electric combination lock, comprising a support, a dial rotatably carried by said support, lock-actuating mechanism, electric contacts also carried by said support and controlling the operation of said lock mechanism, and a pushbutton carried by said dial and operative to be actu-



ated to close said contacts in each position as said dial is shifted through a plurality of predetermined positions in proper sequence.

2,059,920
COMPRESSION FITTING
Albert J. Weatherhead, Jr., Cleveland, Ohio, assignor to The Weatherhead Company, Cleveland, Ohio, a corporation of Ohio
Application April 27, 1934, Serial No. 722,711
3 Claims. (Cl. 285—122)

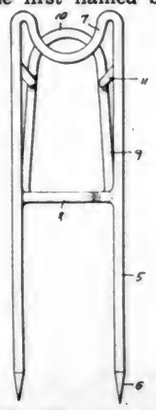


1. A compression fitting comprising a coupling member having a threaded portion and a central bore adapted to receive a tube, a compression nut having a central bore and a threaded portion adapted to engage the threaded portion of the coupling member, a separately formed solid deformable sleeve adapted to be deformed into engagement with a tube within said couplihg member and said compression nut, and means for securing said sleeve to said coupling nut, said means comprising a tail portion on said sleeve adapted to project within said compression nut and having an end portion of enlarged external diameter adapted to engage a shoulder on said nut, the diameter of the end portion being permanently reduced when the sleeve is deformed whereby the sleeve is detached from the nut.

2,059,921
SUPPORTING BRACKET
Joseph Weiss, Hutchinson, Kans.
Application May 6, 1936, Serial No. 78,256
4 Claims. (Cl. 248—38)
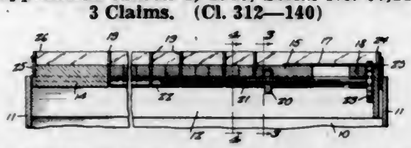
4. A device of the class described comprising a ground penetrating member of inverted U-shaped formation provided with legs and a bight; the bight being of an intro arcuate formation, a member connecting intermediate portions of the legs, said member being arcuate and projecting forwardly thereof in a plane substantially at right angles to the plane of the legs, props extending from the legs adjacent the juncture of the member with the legs on the opposite sides thereof and inclining upwardly and terminating

in a curved bight portion connection disposed parallel with the first named bight, and brace



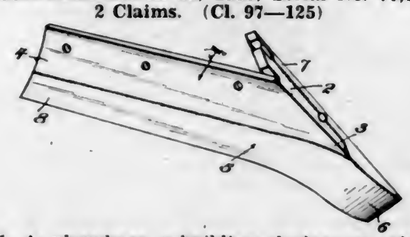
members connecting the props with the legs below the respective bights.

2,059,922
DISPLAY CASE
Wilton I. Wells, New Albany, Ind.
Application March 4, 1936, Serial No. 67,145
3 Claims. (Cl. 312—140)



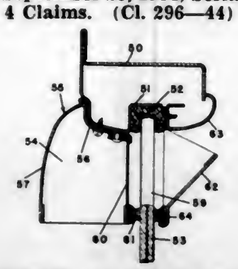
2. A case or stand of the character described comprising a counter-like body, track rails arranged opposite each other in spaced parallel relation within said body at its top, a plurality of bars movably fitted on said track rails, stationary pieces fixed to the ends of the track rails, a slidable piece mounted between the bars and one stationary piece, the sliding piece having trackage on said rails, dividers selectively engageable between the bars and pieces next thereto, a feed nut fitted in and held against turning by the sliding piece, a feed screw having threaded engagement with said nut and mounted on the adjacent stationary piece to prevent longitudinal movement, and a knurled head formed with the screw and for operation causing the sliding piece to move on the rails relative to the stationary piece.

2,059,923
REBUILT PLOWSHARE
Karl Whitaker, Broadland, S. Dak.
Application March 23, 1936, Serial No. 70,450
2 Claims. (Cl. 97—125)



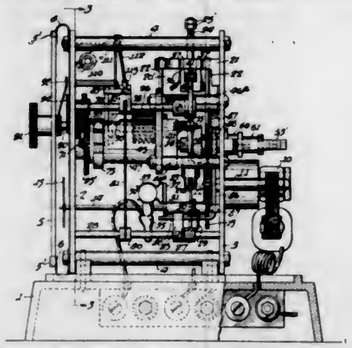
1. A plowshare rebuilding device comprising a unit including a replacement point, a land side strip and a blade strip, said point and strips being of integral formation and defining therebetween a throat capable of permitting expansion and contraction of the unit for adapting said unit to prepared edges of a worn plowshare with the edges of the unit welded to the edges of the plowshare.

2,059,924
VENTILATING SYSTEM FOR VEHICLE BODIES
Benjamin A. Wolna, Detroit, Mich.
Application September 28, 1934, Serial No. 745,990
4 Claims. (Cl. 296—44)



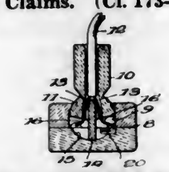
1. In a ventilating system for a vehicle body having a window opening and having a header defining the top of the window opening, a vertically slidable closure for the window opening movable downwardly to form a ventilating slot at the top of the window opening, a member attachable to the header at the outer side of the window opening and having a portion extending downwardly into the window opening opposite the ventilating slot, a molding at the inner side of the window opening and a deflector forming a unit with said molding and operable to direct air flowing through the slot upwardly toward the top of the body.

2,059,925
TIMING APPARATUS
Harry J. Atticks, Mechanicsburg, Pa.
Application July 6, 1933, Serial No. 679,257
5 Claims. (Cl. 161—1)



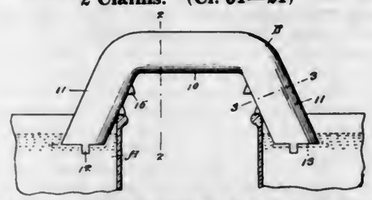
1. A timing apparatus, comprising a switch for closing an electric circuit of a translating device to be timed, an electromagnet for moving the switch to circuit closing position, locking means for maintaining the switch in closed position independent of the energization of the electromagnet, trip mechanism for moving the locking means to inoperative position to permit movement of the switch to open position, said locking means being movable into operative position upon movement of the switch to circuit closing position, means for moving the trip mechanism to an adjusted position so as to operate at the end of a predetermined time interval following the closing of the switch, a substantially constant speed motor, a clutch for connecting the motor to the trip mechanism to advance the same while the switch is closed, and means for retracting the trip mechanism to its adjusted position after each tripping operation.

2,059,926
COMBINATION CONNECTER PLUG AND SWITCH
Emanuel B. Barnitz, Johnstown, Pa.
Application April 25, 1934, Serial No. 722,376
2 Claims. (Cl. 173—332)



1. An electric connecter for appliances including a plug, having contacts for engagement with an appliance, a cord carrying ferrule pivotally mounted in a wall of the plug; the cord of which is in electrical engagement with the plug contacts, and a lug formed on said ferrule and extending across the plug into engagement with an inner wall of the latter and projecting completely through the opposite wall of the plug to hold the wires of the cord out of contact in the plug under all conditions.

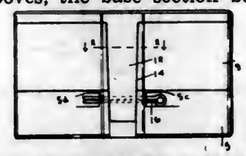
2,059,927
WATER PASSOVER
Oscar G. Beck, Herrick, Ill.
Application July 10, 1935, Serial No. 30,726
2 Claims. (Cl. 61—21)



1. A swim way providing a water passover for fish from one container to another comprising a reversible substantially U-shaped hollow body having fully opened ends and adaptable to be filled with a liquid when in normal position with the open ends upwardly, means releasably engageable with the open ends for effecting a liquid passover between the containers on inverting the hollow body and removing said means, the hollow body being transparent throughout the longitudinal extent thereof, and means exteriorly of the hollow body for enabling it to be brought to rest and be supported by the containers when in inverted position.

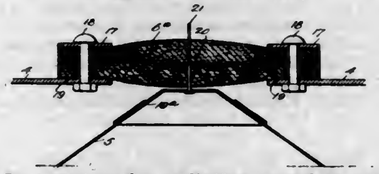
2,059,928
DENTAL FLASK
Reuben Berk, Bronx, N. Y.
Application July 17, 1935, Serial No. 31,813
2 Claims. (Cl. 18—33)

1. A dental flask comprising a base section having a bottom wall formed with an external plane face and provided with a vertical wall formed with tapered grooves in the opposite sides thereof, said base section being further provided with vertical holes in the opposite sides of said vertical wall, an intermediate section corresponding in external shape to said base section and disposed thereon, said intermediate section being formed with external grooves registering with the grooves of the base section and of corresponding form, a cover section mounted on the intermediate section and provided with depending tapering locking lugs adapted to be snugly received by the registering grooves, the base section being formed



with clearances to receive the ends of cotter pins, said clearances being located adjacent the grooves thereof and said locking lugs being formed to receive said cotter pins, cotter pins extending through said base section and said locking lugs to hold the sections in coupled relation to each other, the intermediate section having pins insertable in the vertical holes of said base sections and said vertical holes being so arranged that on the withdrawal of the pins, waste matter can be driven through the openings to clear the same for further free insertion of said pins.

2,059,929
SOUND REPRODUCING APPARATUS
Lloyd J. Bobb, Philadelphia, Pa., assignor to Philco Radio and Television Corporation, Philadelphia, Pa., a corporation of Delaware
Application June 17, 1935, Serial No. 27,097
15 Claims. (Cl. 181—31)



1. In a system for radiating sound energy, vibratory means for propagating sound energy, means for actuating said vibratory means, a baffle for said vibratory means, said baffle having openings therein, and frequency selective means cooperatively associated with the openings in said baffle for selectively absorbing sound energy within at least one predetermined frequency range, said last-named means comprising at least one vibratile diaphragm and damping means associated with said diaphragm.

11. In a device of the class described, a frequency-selective sound-absorbing unit, comprising a substantially freely-movable floatingly-mounted tuned diaphragm, and damping means associated with said diaphragm for absorbing the sound energy selected thereby.

2,059,930
SHUTTLE COCK
Raymond C. Booth, Rochester, N. Y., assignor, by mesne assignments, to Prisca C. Booth, Rochester, N. Y.
Application May 9, 1935, Serial No. 20,621
3 Claims. (Cl. 273—106)

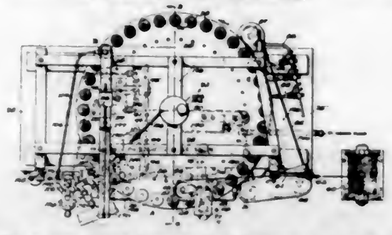
1. A shuttlecock having a base, feathers having quills inserted into said base, a supply of oil held

in the base in contact with the quills of said



feathers, from which the oil can travel through the quills and feathers.

2,059,931
AUTOMATIC SOLDERING AND SEALING MACHINE
Paul E. Cate, Knoxville, Tenn., assignor to The Fulton Sylphon Company, Knoxville, Tenn., a corporation of Delaware
Application September 2, 1932, Serial No. 631,597
33 Claims. (Cl. 226—82)

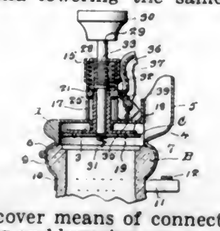


1. In a machine for sealing bellows at both the centers and the peripheries of their heads, a movable carrier adapted to support a plurality of bellows each having a bellows head peripherally attached thereto and extending upwardly therefrom with an orifice centrally therein, means for depositing a ring of solder upon the periphery of each of said bellows heads, means for heating said bellows heads to melt said solder and seal the joints between said heads and the bodies of said bellows, means for sealing said central orifices, and means for moving said carrier to advance successive bellows to said soldering and sealing means.

4. In a bellows handling machine, a movable carrier adapted to support a plurality of bellows each provided with an aperture in the head thereof, means positioned adjacent the path of movement of said bellows for creating a vacuum within said bellows, gravity means for feeding closure members into alignment with said apertures, means for driving said closure members into said apertures to seal the same after evacuation, means for moving said carrier to advance said bellows one after another to a position adjacent said evacuating and sealing means, and means actuated in timed relation with said carrier moving means for moving said bellows into direct sealing contact with said evacuating and sealing means to be acted upon thereby.

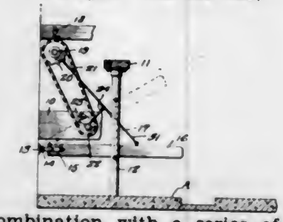
2,059,932
RECEPTACLE CLOSURE
Frank Cavuoti, Ozone Park, N. Y.
Application April 17, 1935, Serial No. 16,916
3 Claims. (Cl. 215—71)

1. A closure for a milk bottle comprising a hollow body, means formed on the body and encircling the bead of the bottle, clamping means secured to the encircling means for detachably securing the closure to the bottle, a pouring spout secured to the body, a cover for the pouring spout, means for connection with the cap of the bottle for raising and lowering the same, means for



opening the cover means of connection between the cap raising and lowering means and the cover opening means for simultaneously opening the cover when the cap is raised, manual means for operating the cover opening means, and means for automatically closing the cover when the cap is lowered to closed position.

2,059,933
COW STALL GUARD
Albert Detert, Ceylon, Minn.
Application November 4, 1935, Serial No. 48,243
1 Claim. (Cl. 119—15)

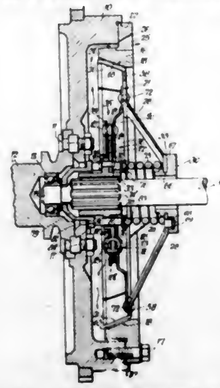


The combination with a series of stalls arranged side by side and having vertical posts dividing the same from each other throughout the series and affording open sides to said stalls, loop guides on the respective posts, swinging bars operating in said guides and pivoted to a vertical wall at the head ends of said stalls, a horizontally arranged plank at one end of the series of stalls, overhead hangers above said stalls, a turning shaft fitting said hangers, hand operated sprocket gear and chain mechanism arranged between the plank and the said shaft for the turning of the latter, clamps on said shaft, flexible connections between the said bars and the clamps for the raising and lowering of the bars on the turning of said shaft, and a hand crank having separable clutch engagement with the chain and sprocket connection for controlling the same.

2,059,934
PROCESS OF TREATING ORGANIC ESTERS OF CELLULOSE
Alma Dobry, Paris, France, assignor to Compagnie de Produits Chimiques et Electrometallurgiques, Alais, Froges et Camargue, Paris, France, a corporation of France
No Drawing. Application January 24, 1935, Serial No. 3,364. In France February 21, 1933
6 Claims. (Cl. 18—54)

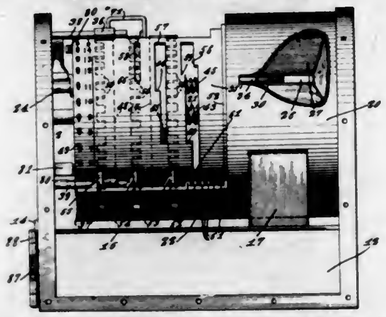
1. A process of treating an organic ester of cellulose, which comprises forming a solution of said ester in a concentrated aqueous solution of a metallic perchlorate, and treating with a liquid adapted to cause the separation of the perchlorate from the organic ester of cellulose.

2,059,935
CLUTCH
Clarence M. Eason, Waukesha, Wis., assignor to Fawick Manufacturing Co., Waukesha, Wis., a corporation of Wisconsin
Application August 29, 1935, Serial No. 38,368
12 Claims. (Cl. 192—66)



12. In combination, a driving member, a pilot bearing therein, a coaxial driven member, a clutch member having a radially extending part rotatably fast and endwise free on said driven member, a clutch spring, and means extending across the plane of the radially extending part of said clutch member and disposed externally of said driven member for transferring the thrust of said spring to the driving member through said pilot bearing.

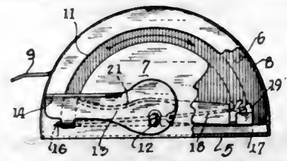
2,059,936
AUTOMATIC COIN COUNTER AND BANK
Christian F. Engleman, Ramsey, Ind.
Application November 13, 1935, Serial No. 49,576
8 Claims. (Cl. 235—100)



1. In a device of the class described, the combination of a revoluble coin carrier, a coin chute in the carrier, levers controlled by the diameter of a coin in the chute to extend laterally from the carrier, a slotted plate mounted to be slid laterally from the carrier by said levers, revoluble counting wheels mounted coaxial with the carrier, the levers disposing the plate to expose the wheels through the slots in the plate, and pawls carried by the carrier and entering the slots to actuate the counting wheels.

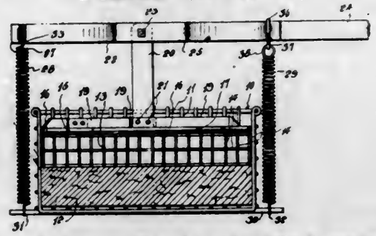
2,059,937
TRAP
Charles D. Ellis, San Mateo, Calif.
Application April 10, 1935, Serial No. 15,650
1 Claim. (Cl. 43—81)

In a device of the character described, the combination with a mouse trap having a base and a pivoted impinging element mounted thereon, said impinging element having an actuating spring, a latch capable of retaining said impinging element against the tension of said spring, a casing secured to the base of said trap, the upper portion of said casing being semi-circular to con-



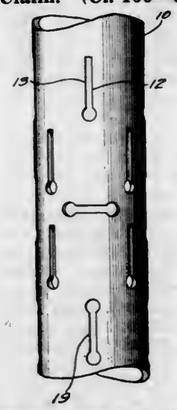
form to the path of movement of said impinging element, a slot formed in the side of said casing, and a lever pivoted to said casing and having an arm extending through said slot and engaging said impinging element whereby actuation of said lever will move said impinging element against the tension of its spring and into engagement with said latch.

2,059,938
MEAT SMOKING DEVICE
Max Farber, New York, N. Y.
Application January 2, 1936, Serial No. 57,274
4 Claims. (Cl. 100—57)



1. A device of the class described comprising an open-work basket, an open-work follower operable therein, a lever pivoted to the follower, and contractile spring means connected to the basket and to said lever on opposite sides of the fulcrum of said lever.

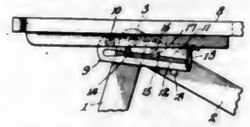
2,059,939
SELF-CLEANING WELL LINER AND THE LIKE
Freeman E. Fairfield, Long Beach, Calif.
Application May 19, 1934, Serial No. 726,585
1 Claim. (Cl. 166—5)



A liner for well casings and the like, comprising a tubular member, said tubular member hav-

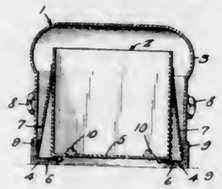
ing perforations through its wall, the perforations being formed by drilled openings spaced apart a distance represented by a plurality of its diameter and connected by a slotted opening having straight side walls spaced apart a distance less than the diameter of the circular end openings, said straight side walls lying upon opposite divergent planes from the outside of the tubing toward the inside.

2,059,940
BEACH CHAIR
Harry A. Freedman, Brooklyn, N. Y.
Application August 5, 1935, Serial No. 34,813
6 Claims. (Cl. 155—163)



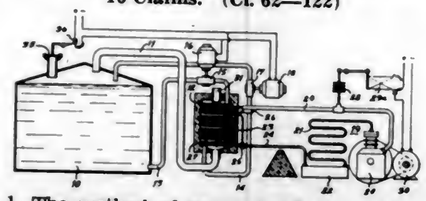
1. A beach or lawn chair having a supporting frame, a seat connected thereto, a back frame connected to the seat and adjustable to positions of varying inclinations to the seat, arms connected at one end to the back frame, links pivotally connected to the arms and slidably connected to the supporting frame, means on the links to limit relative downward movement of the arms, the links permitting a swinging and sliding movement of the arms to vary the inclination of the back frame relative to the seat cooperating means on the supporting frame and links to prevent sliding movement of the links relative to the supporting frame in either direction, and means on the supporting frame to engage the link and prevent swinging movement of the link when said cooperating means is functioning.

2,059,941
BURIAL VAULT
Peter C. Friedel and Herman J. Kobe, Bryan, Ohio
Application May 1, 1934, Serial No. 723,404
1 Claim. (Cl. 27—35)



A grave vault comprising a box-like member, which is designed to be telescopically enclosed by a cover that has an inwardly flanged edge, said member having a bottom which is slightly elevated above its lower edge, and which has its walls provided with a plurality of spaced openings arranged in a line with the outer face of said bottom, a continuous outstanding flat plate extension on said member slightly below said openings, and an upstanding flange on the outer edge of said extension, and angle springs on the exterior of said member having their ends exerting a pressure toward the continuous flange, and their said ends formed with later offset laterally extending portions which pass through the openings in the body and which have headed ends that contact with the bottom of said body.

2,059,942
REFRIGERATING APPARATUS
J Lowell Gibson, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application January 31, 1934, Serial No. 709,140
Renewed March 27, 1936
16 Claims. (Cl. 62—122)

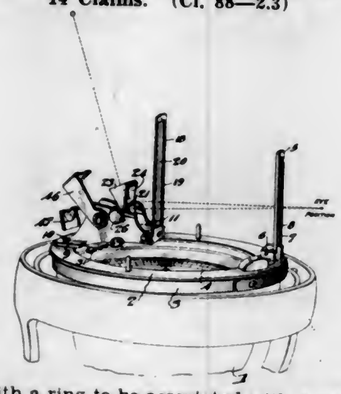


1. The method of recovering hydrocarbon vapors from a storage tank or the like which comprises conveying said vapors from said tank to a contact means, conveying hydrocarbon liquid to said contact means from said tank, and applying refrigeration to cause absorption of said vapors by said liquid.

2,059,943
SYNTHETIC RESINS
George De Witt Graves, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application August 28, 1935, Serial No. 38,330
5 Claims. (Cl. 260—3)

1. The resinous reaction product of a naphthanone and an aldehyde.

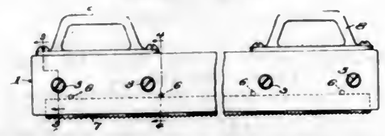
2,059,944
AZIMUTH CIRCLE
Burton M. Green, Brooklyn, N. Y.
Application February 28, 1935, Serial No. 8,745
14 Claims. (Cl. 88—2.3)



1. With a ring to be associated with a compass and revoluble in a substantially horizontal plane, a sight carried by said ring for viewing radially with respect to the compass, level indicating means carried by the ring opposite said sight, and a pentagonal-shaped prism disposed to be viewed through the sight and constructed to show juxtapositioned reflections of the leveling means and the compass card in the same field of vision and in a line diametrically across the ring from the sight.

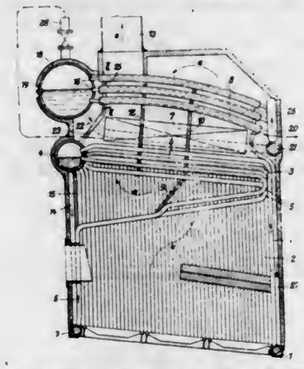
11. With a compass, a ring fitted around the face of the compass, and cover structure carried by said ring provided with substantially segmental swingab'y mounted members to be moved back to expose the face of the compass therebeneath.

2,059,945
HAND MEAT BLOCK PLANER
George Hare, St. Petersburg, Fla.
Application January 6, 1936, Serial No. 57,814
1 Claim. (Cl. 145—47)



A tool comprising an elongated body consisting of a plurality of spaced strips having the opposed faces thereof corrugated with the corrugations of adjacent strips matching and thereby providing a plurality of grooves of serpentine formation, a plurality of blades positioned in said grooves with the cutting edges thereof disposed outwardly of the grooves, dowel pins passing through certain of said strips and having the non-cutting edges of the blades in abutment therewith, bolts extending through the strips of the body for drawing the strips towards each other and causing the blades to assume a serpentine formation, and handles secured to the top face of the body.

2,059,946
APPARATUS FOR THE GENERATION OF STEAM
Otto Hartmann, Kassel-Wilhelmshöhe, Germany, assignor to Schmidt'sche Heissdampf-Gesellschaft m. b. H., Kassel-Wilhelmshöhe, Germany
Application June 25, 1935, Serial No. 28,370
In Germany June 28, 1934
4 Claims. (Cl. 122—33)



3. In a vapor generator, a closed circuit for a heating medium, said circuit including a tube system for guiding the medium in its circulating movement, a drum for the liquid to be vaporized, a circulating system connected at both ends to said drum for conducting the liquid to be vaporized from said drum into heat exchange relation with the heating medium and returning the same to the drum, means to heat the portion of the heating medium which is in heat exchange relation with the liquid to be vaporized while it is giving up heat to the liquid, said tube system and circulating system lying entirely outside said drum.

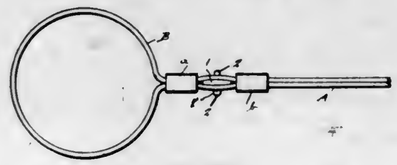
2,059,947
WATER-RESISTANT INDURATED FIBER AND METHOD OF MAKING THE SAME
Duncalf W. Hollingworth, Newark, Del., assignor to Continental-Diamond Fibre Company, Newark, Del., a corporation of Delaware
No Drawing. Application October 30, 1933, Serial No. 695,949
30 Claims. (Cl. 154—2)

10. In the process of making an indurated fiber product of low water absorption by subjecting hydrolyzable cellulosic sheets to the action of a cellulose hydrolyzing agent to hydrolyze the sheets partially, superposing a plurality of said sheets one upon the other to cause adherence of said sheets by the partially hydrolyzed cellulose, washing and drying said superposed material, the step which comprises associating a primary aromatic amine-formaldehyde resin which has been precipitated from the acid salt of said resin by the elimination of the acid therefrom, within the pores and upon the surfaces of the cellulose material of said sheets in a stage in said process prior to the drying of said superposed material.

2,059,948
COATING COMPOSITIONS
Harold S. Holt, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 6, 1934, Serial No. 719,409
3 Claims. (Cl. 134—26)

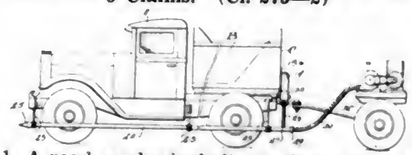
1. A composition comprising volatile solvent, an intimate mixture of polyhydric alcohol-polybasic acid resin modified by from 35% to 75% of monobasic acid including linseed oil acids and China wood oil acids with the linseed oil acids in excess of the China wood oil acids, carbon black in amount of from ½% to 10% of the resin, an iron drier in amount of from 5% to 20% of the resin, and an oxide of lead in amount not less than about 1% of the resin calculated as litharge but less than that amount which imparts a muddy cast to the dried film, said resin constituting the major proportion of said composition.

2,059,949
KEEPER FOR A GUN SLING
Thomas Imler, Phoenix, Ariz.
Application September 30, 1935, Serial No. 42,949
1 Claim. (Cl. 224—1)



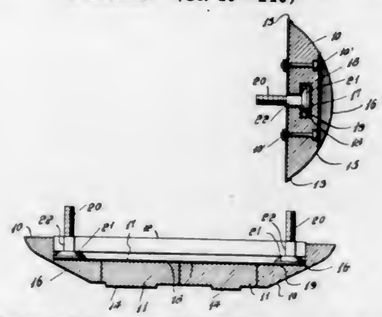
An adjustable retainer for strap members consisting of a pair of strap portions disposed together and provided with longitudinally spaced openings therein; a pair of slide loops on the strap portions, a plate for interposition between the strap portions and between the slide loops, the end portions of said plate being tapered, a pin projecting from one side of the plate for selected disposition through one of the openings of one of the strap portions, each of said slide loops being in close proximity to the plate to prevent displacement of the strap ends from the pins of the plate.

2,059,950
ROAD SANDING MECHANISM
Carl H. Johnson, Duluth, Minn.
Application February 6, 1936, Serial No. 62,705
5 Claims. (Cl. 275—2)



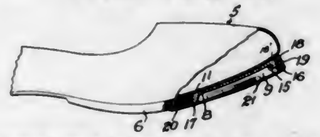
1. A road sander including a dump truck having a tiltable dump body and having a motor, longitudinally extending discharge pipes carried by the truck on each side thereof and below the body and having discharge nozzles at their forward ends, a distributor casing mounted upon the rear end of the truck and communicating with the interior thereof, the casing being contracted toward its lower end, a rotatable radially bladed distributor mounted within the lower end of the casing and operatively connected to the motor to be driven thereby, branch pipes extending in opposite directions from the lower end of the casing below the distributor and discharging downward and laterally into the rear ends of the discharge pipes, and means for discharging air under pressure into the rear ends of said discharge pipes.

2,059,951
CHANGEABLE SIGN
Clarence L. G. Jones, Parktown, Johannesburg, Transvaal, Union of South Africa
Application June 16, 1936, Serial No. 85,617
4 Claims. (Cl. 40—140)



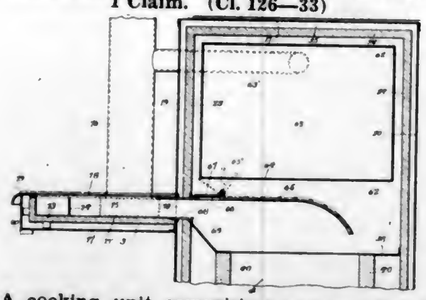
1. A sign of the class described comprising end blocks, a sign block or blocks therebetween, a backing plate at the rear of said blocks having a hollow bar engaged in correspondingly shaped grooves extending across the sign block or blocks and extending partway across the end blocks, the end blocks having walls abutting the ends of said bar to close the same, and attaching means mounted in said bar and projecting laterally therefrom.

2,059,952
JINGLE DANCING SHOE
Emanuele Landi, New York, N. Y.
Application March 26, 1934, Serial No. 717,474
1 Claim. (Cl. 36—8.3)



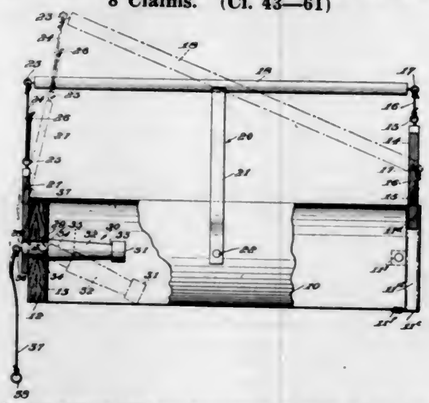
A dancing shoe including a sole and an upper, the front part of the sole being cut away along lines tapering lengthwise of the sole, a metal plate having a recess therein set in and both corresponding in shape to the cut away part of the sole and secured to the sole, a metal cover detachably secured over said cut away part, and a loose piece of metal within the recess in said metal plate adapted to cause a jingling sound when the shoe is shaken.

2,059,953
MULTIPLE COOKER
De Ella B. Mayberry, Detroit, Mich.
Application August 6, 1935, Serial No. 35,006
1 Claim. (Cl. 126—33)



A cooking unit comprising an open top fire box, an oven above said fire box and spaced therefrom to provide a heating chamber between said box and oven, a second cooking unit extending from one side of the first mentioned unit, said second unit including a hot plate and having a heating chamber under said plate provided with an inlet flue opening into the first mentioned heating chamber, a deflector plate extending from a point contiguous the top of said flue into the first mentioned heating chamber for directing heat from the latter into said flue, said deflector plate being shorter than said first mentioned chamber to provide for the passage of heat around the same to said oven, and a damper in said deflector plate for by-passing heat from beneath the latter to said oven and thereby varying the degree of heat passing to said hot plate and oven respectively.

2,059,954
ANIMAL TRAP
Lawrence W. McDonald, Russellville, Ark.
Application December 27, 1935, Serial No. 56,368
8 Claims. (Cl. 43—61)

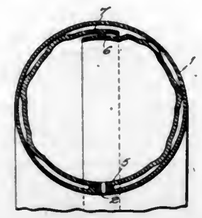


1. An animal trap comprising a cylindrical body member, a rectangular member secured to one

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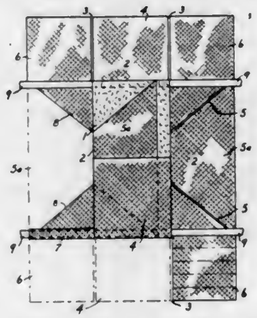
end of the body member for supporting same in fixed position, flanges on the rectangular member providing a vertically disposed door guide, a door slidably disposed in the guide, a support pivotally connected to the body member intermediate the ends thereof, a rod engaging the support, a trigger release member disposed adjacent the opposite end of the body member, a trigger for cooperation with the trigger release member, and flexible connections between the door and trigger release member and the opposite ends of the rod.

2,059,955
INNER TUBE FOR PNEUMATIC TIRES
Miles C. McWherter, Derry, Pa.
Application November 13, 1935, Serial No. 49,595
1 Claim. (Cl. 152—13)



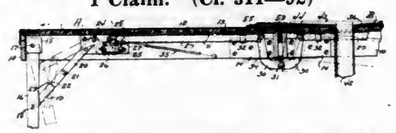
An inner tube comprising an outer elastic tubular wall, an inner elastic tubular wall arranged in said outer wall and of a diameter greater than the diameter of said outer wall, said inner wall being split circumferentially to form overlapped portions, said overlapped portions being joined to one another at spaced intervals, said inner and outer walls joined together at one point and provided with an opening therethrough, and an inflating valve mounted in said opening.

2,059,956
DIAPER
Lionel C. MacGlashan, Detroit, Mich.
Application July 12, 1935, Serial No. 31,109
5 Claims. (Cl. 128—284)



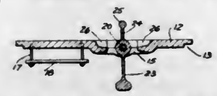
2. The method of forming a diaper which consists of freely mounting a pad of moisture absorbent material upon a relatively larger cover sheet of fabric, cutting the fabric sheet to form a plurality of integral flaps, folding some of said flaps over the pad, and folding the remaining flaps upon themselves to form two pairs of oppositely projecting integral tie strings.

2,059,957
OBSTETRIC TABLE
Milo S. Mendenhall, Vernon McCorkell, and Charles L. Higginbotham, Seneca, Mo.
Application July 12, 1935, Serial No. 31,128
1 Claim. (Cl. 311—92)



A structure of the character described comprising complemental top sections each including a rectangular shaped frame and a covering board thereon, hinges connecting the frames to each other at ends adjacent one another for the swinging thereof in a carrying case folded condition, legs pivoted in the frames at the outer ends thereof, cranks arranged in the respective frames at opposite sides of the same and pivoted to each other in pairs for straddling the pivotally connected ends of said frames, break jointed braces pivoted to the legs and to the sides of said frames, rocking levers pivoted to the sides of the frames next to the braces, links connecting said rocking levers with the braces and said cranks, respectively, and coiled tensioning springs fixed to the sides of the frames between the rocking levers and to the connections of the latter with the links connected with said cranks.

2,059,958
AUDIBLE ROAD SIGNAL
Edward J. Morin, Omaha, Nebr.
Application December 2, 1935, Serial No. 52,550
2 Claims. (Cl. 116—67)

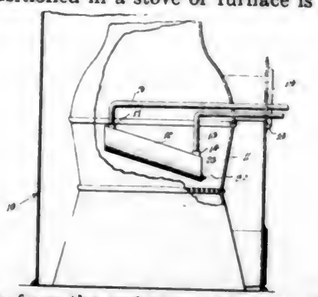


2. In combination, a road disposed at an intersecting angle with respect to a roadway, audible signals disposed at opposite sides of said roadway, each signal comprising an elongated member having a plurality of apertures disposed across said road in substantial horizontal alignment with the surface thereof, a plurality of gongs under each said member, a plurality of clappers for the gongs under each said member, said clappers adapted to be swung for striking and sounding the gongs, and arms associated with the clappers and extending through said apertures, said clappers being of greater weight than said arms for returning the latter to a normal vertical position, the gongs of each said signal being disposed further from said roadway than the clappers thereof.

2,059,959
WATER HEATER FOR STOVES AND FURNACES
William A. Mumaugh, Lima, Ohio
Application September 12, 1935, Serial No. 40,338
1 Claim. (Cl. 257—248)

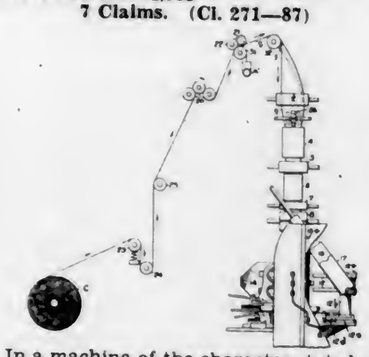
A water heater, comprising a unitary member including a cylindrical container, an L-shaped cold water induction tube secured to the top side of one end of said container and extended therein downwardly and ended adjacent to the bottom side thereof, another L-shaped tube for egress of hot water from the container secured to the top side of said container at the end remote from the first mentioned tube, the free portions

of said tubes extended substantially parallel to one another and adjacent to each other, said parallel portions being axially at an acute angle to the axis of the container so that said container when positioned in a stove or furnace is inclined



upwardly from the end secured to the cold water tube to discharge hot water through its opposite end to the hot water tube, said cylinder and L-shaped tubes constituting a unit for insertion through the fire door of the stove or furnace and for removal therefrom.

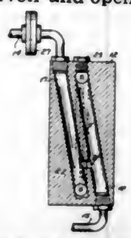
2,059,960
MACHINE FOR COMPRESSING AND LOADING ARTICLES OF FLAT FORM
Philip D. Parsons, Swarthmore, Pa., assignor to Scott Paper Company, Chester, Pa., a corporation of Pennsylvania
Original application July 30, 1932, Serial No. 626,282. Divided and this application April 3, 1935, Serial No. 14,535
7 Claims. (Cl. 271—87)



1. In a machine of the character stated, means for receiving flat-shaped articles in succession and feeding them transversely to the plane of their surface, said means consisting of a plurality of rotating helically-grooved worm-like propellers arranged in pairs in parallel relation and with the grooves of each pair of propellers respectively made right- and left-handed, and a flat travelling belt-like carrier support for the paper articles arranged in a plane below and substantially parallel to the axes of the worm-like propellers, whereby the paper articles are supported while being propelled by the propellers.

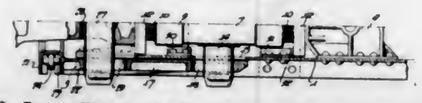
2,059,961
CAPILLARIMETER
Elmer J. Richley, Cleveland, Ohio
Application October 16, 1935, Serial No. 45,238
7 Claims. (Cl. 73—51)

1. A capillarimeter, comprising in combination, a reservoir containing a liquid, a feed pipe conveying said liquid to the reservoir, a channel adjacent the said reservoir, a drain pipe connected to the channel, a capillary tube inserted in the liquid in the reservoir and opening into the chan-



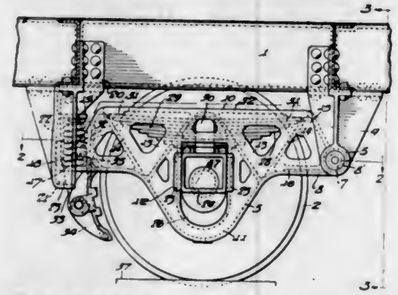
nel, a pump circulating the said liquid through the said feed pipe, reservoir, channel, tube and drain pipe, and means in said reservoir for maintaining the level of the liquid therein constant.

2,059,962
DRAFT RIGGING
Donald S. Barrows, Rochester, N. Y., assignor to The Symington Company, Rochester, N. Y., a corporation of Maryland
Application January 6, 1932, Serial No. 585,126
11 Claims. (Cl. 213—7)



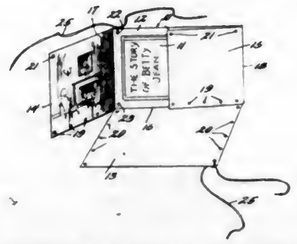
3. In railway draft rigging, in combination with draft sills, a drawbar, cushioning mechanism disposed between said sills rearwardly of said drawbar, yoke-acting means disposed outwardly of said sills, with the latter positioned between elements thereof, and means connecting the forward ends of said yoke-acting means and encircling said drawbar, said connecting means comprising a carrier element underlying said drawbar, and means connecting the drawbar to the forward portions of said yoke-acting means and the rearward portions of the latter to said cushioning mechanism.

2,059,963
RAILWAY VEHICLE
Donald S. Barrows, Rochester, N. Y., assignor to The Symington Company, Rochester, N. Y., a corporation of Maryland
Application October 4, 1934, Serial No. 746,886
19 Claims. (Cl. 105—224)



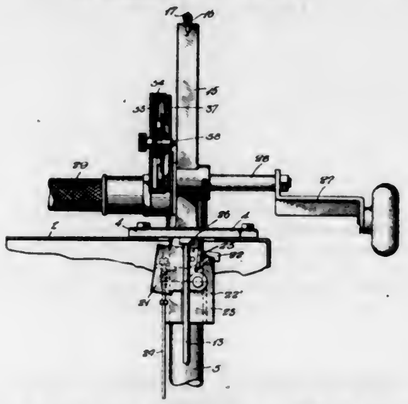
1. In a railway vehicle, a side frame for receiving one end portion only of a single axle, one end of which frame is movably mounted with respect to said vehicle and the other end of which is guided in a bracket depending from said vehicle and engages a vehicle-supporting spring, a journal box slidably mounted in said frame between said ends, and another spring acting between said frame and the top of said box.

2,059,964
COMBINATION BOOK SERIES AND TOY HOUSE
Elizabeth Noyes Hempstone, Washington, D. C., assignor to Elizabeth E. Graves, Washington, D. C.
Application May 4, 1933, Serial No. 669,442
3 Claims. (Cl. 35—35)



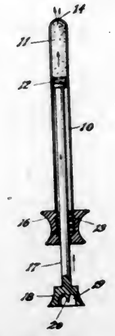
1. An article of manufacture designed and intended for use both as a book cover and a playhouse unit, said article comprising a back panel, a front panel, two end panels, and securing means, the front and end panels being hingedly connected to the back panel so as to be foldable over a book disposed against the back panel, and elongated flexible elements for connecting the front and back panels when said panels are in folded relationship, which means may also be utilized to secure adjacent edges of said end and front panels together when said panels are disposed normally to the back panel, said edges being provided with attachment devices to which said connecting means may be detachably connected.

2,059,965
GREASE DISPENSING UNIT
Anton Joncha, East Moline, Ill., assignor to American Machine and Metals Manufacturing Corporation, New York, N. Y., a corporation of Delaware
Application October 10, 1931, Serial No. 568,156
12 Claims. (Cl. 221—102)



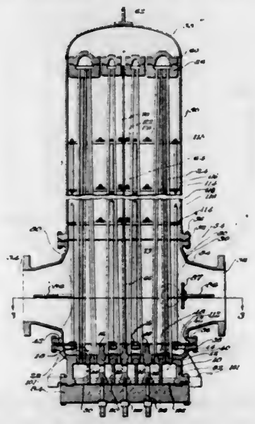
1. A grease-dispensing unit including a head to cooperate with and provide a sealing closure for an original grease container, a hollow column depending from the head, a pump carried by and communicating with the column, means carried by the head for operating the pump, and means carried by the column to lock the pump operating means against operation under predetermined conditions.

2,059,966
DISPENSING DEVICE
Gerson Kaufman, Flushing, and Benjamin Lindner, Larchmont, N. Y., assignors to Gynex Corporation, New York, N. Y., a corporation of New York
Application September 27, 1932, Serial No. 635,844
5 Claims. (Cl. 128—260)



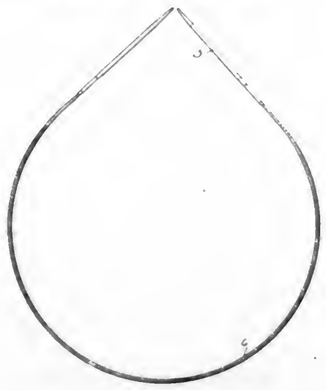
1. A dispensing device comprising an elongated container having one end thereof open and the other end closed, said closed end being constructed so as to rupture for discharging the contents, said open end having a cork within the same spaced inwardly from the open end for preventing withdrawal of the cork and discharge of the contents from the open end, and said container providing means between the cork and open end for retaining the cork spaced inwardly within the container.

2,059,967
HEAT EXCHANGE APPARATUS
Charles H. Leach, Roselle, N. J.
Application August 5, 1933, Serial No. 683,817
21 Claims. (Cl. 257—223)



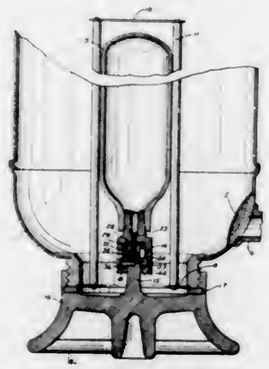
1. Heat exchange apparatus comprising a unitary support, heat transfer tubes connected to the support extending therefrom, a shell enclosing the tubes to provide a vapor space thereabout, means for admitting vapor to the shell, and a baffle assembly positioned between the tubes and shell and serving to impede flow of vapor beyond the region of admission to the shell.

2,059,968
KNITTING NEEDLE
Alfred L. Le Febvre, Hartford, Conn., assignor of one-half to Aubrey I. Nellis, West Hartford, Conn.
Application April 9, 1935, Serial No. 15,386
2 Claims. (Cl. 66—117)



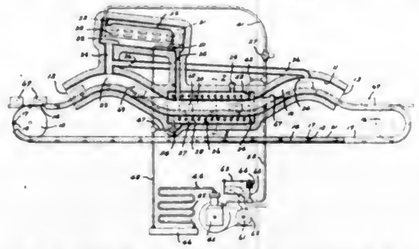
1. A knitting needle including a point of comparatively stiff material, a flexible tie connected to the end of the point, and means for stiffening the tie in proximity to the point sufficiently to avoid continued successive bending strains at any one point.

2,059,969
DISCHARGING OF STORED PRESSURE MEDIUM CONTAINERS
Daniel Mapes, Montclair, N. J., assignor to Walter Kidde & Company, Inc., New York, N. Y., a corporation of New York
Application August 17, 1934, Serial No. 740,255
In Canada February 28, 1933
7 Claims. (Cl. 169—31)



1. Fire extinguishing apparatus comprising a container of water to serve as a fire extinguishing medium and a vessel within said container containing carbon dioxide stored in liquid form for propelling the water from said container, and a small quantity of a substance selected from the group consisting of ethyl alcohol, methanol and butynol charged into the vessel, to be discharged with the liquid carbon dioxide, to prevent solidification of the water adjacent the point of discharge of the carbon dioxide thereinto.

2,059,970
REFRIGERATING APPARATUS
Robert E. Robillard, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application February 9, 1935, Serial No. 5,805
8 Claims. (Cl. 62—104)



1. A refrigerating apparatus including a passage having an opening at each of its ends, said passage being constructed and arranged to form a plurality of pockets or traps between the ends thereof, a body of volatile liquid refrigerant within one of said pockets or traps, means for progressively conveying articles through said body of liquid refrigerant to vaporize a portion thereof and to cause the vaporized refrigerant to flow to another of said pockets or traps, means in heat exchange relation with said body of refrigerant to normally maintain same in a liquid state, and means for liquefying the vaporized refrigerant and for returning same to the body thereof in said passage.

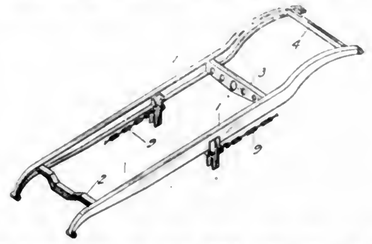
2,059,971
EXTRACTION AND PURIFICATION OF SUGAR JUICES
Ashton T. Scott, Bryn Mawr, Pa., assignor to The Sharples Specialty Company, Philadelphia, Pa., a corporation of Delaware
No Drawing. Application November 2, 1933, Serial No. 696,383
7 Claims. (Cl. 127—48)

6. In a process of extracting and purifying sugar juice, the steps including extracting the juice at a temperature not exceeding 50° C., adding an alkaline earth metal hydroxide to such juice in an amount sufficient to render the juice distinctly alkaline, separating the major portion of the impurities from the alkaline juice, thereafter adding sulphur dioxide to the alkaline juice until the major portion of the remaining organic impurities are dissolved in the juice, heating the acidified juices and adding an alkaline earth metal hydroxide to the acidified juice until a degree of alkalinity is attained facilitating removal of products of reaction between the acid and alkaline reagents from the juice without effecting substantial reprecipitation of dissolved organic impurities and filtering said juice to effect removal of precipitated products of reaction.

2,059,972
MOTOR VEHICLE FRAME ADJUSTING MEANS
Roy D. Smith, Davenport, Iowa, and Frank J. Fransen, Rock Island, Ill., assignors to Bee Line Manufacturing Company, Davenport, Iowa, a corporation of Iowa
Application December 28, 1933, Serial No. 704,268
1 Claim. (Cl. 153—32)

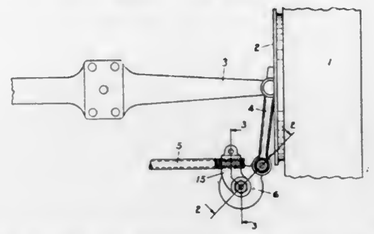
A structure for the purpose described comprising a pair of jaws having means at one end to hold the jaws separated, one of the jaws having

a head extending laterally toward the other jaw, the faces of the jaws toward each other being recessed, hardened, sharply corrugated, gripping members located in the recesses in the jaws,



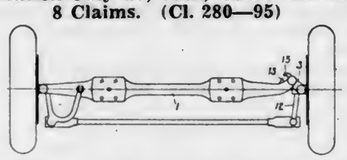
means for drawing the jaws together to grip a frame member between them, and flexible means connected to the jaws for exerting or resisting a lateral pull thereon.

2,059,973
AUTOMATIC WHEEL ALIGNER
Roy D. Smith, Davenport, Iowa, assignor to Bee Line Manufacturing Company, Davenport, Iowa, a corporation of Iowa
Application June 17, 1935, Serial No. 27,135
11 Claims. (Cl. 280—90)



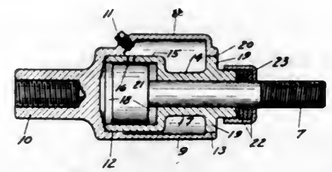
1. In a tie-rod assembly for a motor vehicle, a connecting unit for connecting the rod and a crank arm, said connecting unit comprising a casing having fixed partition walls and a rotary vane therein, the casing, partition walls, and vane defining compartments of variable size, said compartments being connected by at least one opening of variable carrying capacity and being filled with a fluid which flows slowly through said opening to permit slow relative movement of the vane and partition walls.

2,059,974
AUTOMATIC WHEEL ALIGNER
Roy D. Smith, Davenport, Iowa, assignor to Bee Line Manufacturing Company, Davenport, Iowa, a corporation of Iowa
Application July 29, 1935, Serial No. 33,699
8 Claims. (Cl. 280—95)



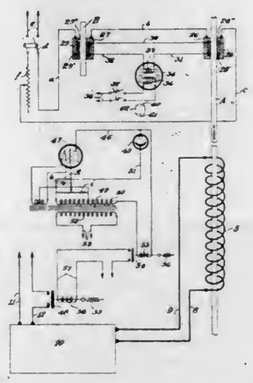
1. In a front end assembly, an axle, wheels supporting the same and connected by the axle, and a flexible connection between a wheel and the axle enabling one wheel to assume a running position nearer to or farther from the proximate end of the axle.

2,059,975
AUTOMATIC WHEEL ALIGNER
Roy D. Smith, Davenport, Iowa, assignor to Bee Line Manufacturing Company, Davenport, Iowa, a corporation of Iowa
Application January 2, 1936, Serial No. 57,322
5 Claims. (Cl. 280—95)



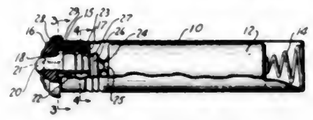
1. A structure for the purpose indicated comprising a tie-rod assembly for connecting the crank arms of the steering mechanism of a motor vehicle, said assembly comprising a rod having yielding means connecting two separated parts thereof, said yielding means comprising a container for a substantially incompressible fluid, a compartment within said container and occupying a part of the space thereof, and a piston within said compartment, said piston being connected to one of the end portions of the tie-rod and being slidable longitudinally of the container as the two sections of the tie-rod move longitudinally with respect to each other.

2,059,976
APPARATUS FOR TREATING METAL
Albert R. Stargardter, Boston, Mass., assignor to Gillette Safety Razor Company, Boston, Mass., a corporation of Delaware
Original application September 4, 1931, Serial No. 561,183. Divided and this application April 16, 1932, Serial No. 605,639
22 Claims. (Cl. 266—3)



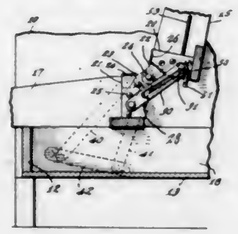
1. An apparatus for heat-treating a ferrous metal strip comprising an electric furnace, means to propel a strip through the furnace, and devices to control the flow of current through the furnace, said devices including means through which the heated strip passes and means to retain a standard piece in said devices, whereby differences in permeability between the portion of the strip passing through the second named means and the standard piece will cause operation of the furnace control means.

2,059,977
PORTABLE LAMP CONSTRUCTION
Robert G. Williams, Toledo, Ohio, assignor to The Usona Manufacturing Co., Toledo, Ohio, a corporation of Ohio
Application May 17, 1935, Serial No. 22,040
12 Claims. (Cl. 240—10.66)



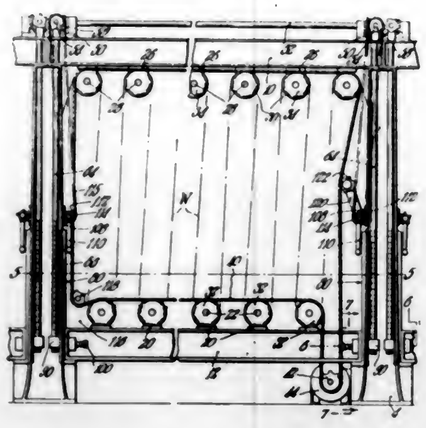
1. A portable electric lamp including a housing having current conducting means; a removable closure of insulating material; a source of power contained within said housing and having a terminal normally in electrical connection with said housing conducting means; a lamp whereof a terminal is in constant electrical connection with another terminal of said source; a current conducting member carried by said removable closure being in electrical connection with the other lamp terminal, said conducting member being arranged in close proximity to the current conducting means of said housing whereby relative movement between the housing and closure will cause the engagement of the housing conducting means and the current conducting member carried by the closure to establish an electrical circuit for the energization of said lamp.

2,059,978
BED DAVENPORT
William E. Wunderlich, Muncie, Ind., assignor to The Moore Company, Muncie, Ind., a corporation of Indiana
Application November 26, 1934, Serial No. 754,692
1 Claim. (Cl. 5—47)



In a bed davenport, a base, a seat frame having end members, a back frame having end members, a pair of brackets respectively associated with the end members of said seat and back frames at each end of such frames, each of said brackets being secured against the inner face of its associated end member, said brackets having integral arms approximately coplanar respectively with the brackets, said arms overlapping each other, one of said brackets being provided with an ear embracing one edge of the end member associated with that bracket, a mounting member attached to said base, a supporting link pivotally connected to said ear and to said mounting member, a second supporting link disposed outwardly beyond said end members and having its lower end pivotally attached to said mounting member and its upper end offset inwardly into association with said arms, and a pivot pin pivotally interconnecting said arms and said second supporting link.

2,059,979
WEB HANDLING APPARATUS
Walter S. Aiken, Lee, Mass., assignor to The Clark-Aiken Company, Lee, Mass., a corporation of Massachusetts
Application October 2, 1935, Serial No. 43,247
10 Claims. (Cl. 271—2.2)



1. An apparatus of the class described comprising in combination, spaced uprights, rails on said uprights, a row of spaced rolls on said rails, a platform movable up and down in said uprights, a row of spaced rolls on said platform, sprockets on said rolls, driving means in a fixed position having a driving sprocket, an endless chain engaging said sprockets, and means to move said platform up and down in said uprights, all adapted and arranged whereby the said chain and sprockets are in operative engagement while the platform is moving up or down or is stationary.

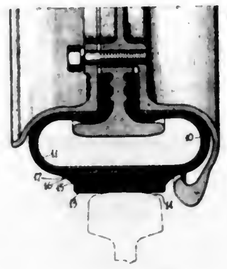
2,059,980
MANUFACTURE OF YEAST
William Gordon Bennett, Epsom, England, assignor to Standard Brands Incorporated, New York, N. Y.
No Drawing. Application February 2, 1935, Serial No. 4,652. In Great Britain June 10, 1932
13 Claims. (Cl. 99—96)

1. In the manufacture of yeast, the improvement which comprises increasing the ergosterol content by cultivation of the yeast in the presence of a non-toxic oxidizing agent in an aerated nutritive medium deficient in assimilable nitrogen.

2,059,981
CRYSTALLIZING LACQUERS
Theodore F. Bradley, Westfield, N. J., assignor to Ellis-Foster Company, a corporation of New Jersey
No Drawing. Application July 11, 1930, Serial No. 467,389
3 Claims. (Cl. 134—79)

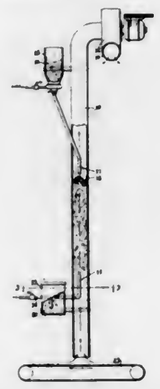
1. A lacquer containing nitrocellulose, a crystallizable organic carboxylic acid, and free fatty acids of a glyceride oil to control crystallization of the crystallizable organic acid, the ingredients being present in proportions to yield a coating composition containing at least part of the crystallizable acid in a suppressed non-crystalline condition, whereby it exerts a plasticizing action on the nitrocellulose.

2,059,982
PNEUMATIC TIRE
Edward G. Budd, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
Application June 23, 1933, Serial No. 677,190
4 Claims. (Cl. 295—31)



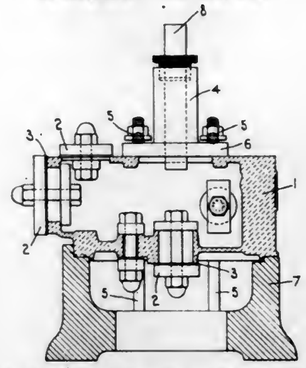
1. A rail car tire having a main body distortable at the tread, and an endless belting of a width greater than the width of the rail head on which the tire is to travel applied as a unit to the tread and partaking of the distortion thereof, said belting being comprised of woven fabric including continuous annularly extending fine strands of wire of high tensile strength.

2,059,983
METHOD OF COATING ABRASIVE PARTICLES
Harry M. Dent, Buffalo, and Arthur J. Norton, Tonawanda, N. Y., assignors to General Plastics, Inc., North Tonawanda, N. Y.
Application June 27, 1932, Serial No. 619,599
6 Claims. (Cl. 51—278)



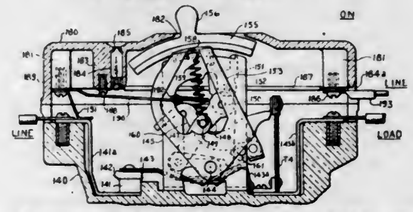
1. The method of coating abrasive particles with a thermo-setting resinous material of lower melting point than the particles which comprises moving the powdered resinous material upwardly in a current of a gaseous medium and dropping heated particles of abrasive downwardly through said current and said material whereby the heated particles come into contact with the resinous material melting the resinous material and being enclosed thereby, the resinous material coating the particles being capable of hardening upon application of heat thereto.

2,059,984
TREATMENT OF NONFERROUS ALLOY CASTINGS
Wallace Charles Devereux, Slough, and Christopher Sibley Oliver, Coventry, England, assignors, by mesne assignments, to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
Application December 12, 1934, Serial No. 757,204
In Great Britain June 18, 1934
10 Claims. (Cl. 148—4)



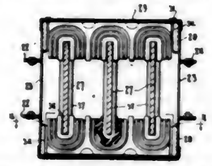
2. In a process for the treatment of porous non-ferrous alloy castings comprising impregnating the castings with an alloy having a low melting point and a low viscosity when in fluid condition, the steps which consist in heating the casting throughout to a temperature considerably above the melting point of the impregnating alloy and maintaining it above such melting temperature while forcing the impregnating alloy through the material of the casting under pressure.

2,059,985
CIRCUIT BREAKER
William H. Frank and Joseph Messing, Detroit, Mich., assignors to Bulldog Electric Products Company, Detroit, Mich., a corporation of West Virginia
Original application January 3, 1933, Serial No. 649,988, now Patent No. 1,982,289, November 27, 1934. Divided and this application October 26, 1934, Serial No. 750,161
6 Claims. (Cl. 200—121)



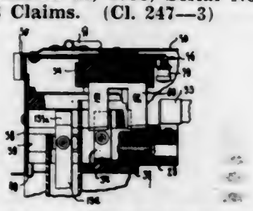
1. A combined switch and circuit breaker device of the operating type manually operable for normal switching and operating automatically for overload release, the breaker having a line shunting the breaker controlled line and containing an auxiliary switch and an indicator energizable by the breaker controlled line energy when the auxiliary switch is closed, the auxiliary switch being constructed and arranged to be open normally and during manual switching operation and being constructed and arranged to be closed automatically by and upon release operation of the breaker and only then to energize the indicator.

2,059,986
ELECTRICAL DISTRIBUTION SYSTEM
William H. Frank and Joseph W. Harper, Detroit, Mich.
Application February 11, 1935, Serial No. 5,929
6 Claims. (Cl. 247—3)



1. In an electrical distribution system of the type employing bus duct with which are associated branch circuit plugs; the combination of standard cover parts which may be combined to form standard bus duct runs for interchangeably accommodating standard plugs, and special spacer parts which when combined with the standard cover parts form special bus duct runs of larger capacity than the standard bus duct runs, the combination of the standard cover parts and the special spacer parts producing bus duct runs which though of larger capacity than the standard bus duct runs can nevertheless accommodate standard plugs interchangeably and without modification of the plugs.

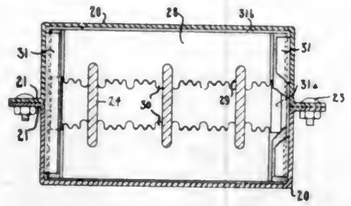
2,059,987
ELECTRICAL DISTRIBUTION SYSTEM
William H. Frank and Joseph W. Harper, Detroit, Mich.
Application March 25, 1935, Serial No. 12,756
8 Claims. (Cl. 247—3)



1. An electrical distribution system comprising elongated bus duct having an entrance through which a prong may be inserted for direct contact with a bar, and a branch circuit take off device comprising a switch having a body and a movable cover, the body having a pair of aligned contacts longitudinally spaced along the duct, one of them being connected to the bus bar by means of a bus bar engaging prong of the body entering the duct through the entrance, and the other being connected to a branch conductor, the cover having a bridging contact adapted to bridge the body contacts when in one position and when the cover is closed, and movable longitudinally along the duct from that position so as not to bridge the body contacts even when the cover is closed, the cover contact being slidably mounted on the cover so as to be reciprocable from one to the other of its two positions in the line of the contacts without being removed from the cover.

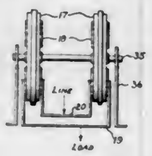
2,059,988
ELECTRICAL DISTRIBUTION SYSTEM
William H. Frank, Detroit, Mich.
Application July 13, 1935, Serial No. 31,296
5 Claims. (Cl. 247—3)

1. In a duct for electrical distribution systems, complementary casing sections joined longitudinally by detachable joining means to form a readily divisible casing, similar and complementary insulator plates carried by one section of the casing, each plate having slots therein opening to an edge thereof, these edges being adjacent when the casing sections are joined so that



the slots face each other and receive opposite edges of conductors, the aforementioned casing section and the complementary insulator plates and the conductors between them forming a unitary assembly to which a bare complementary casing section may be applied to form a complete duct.

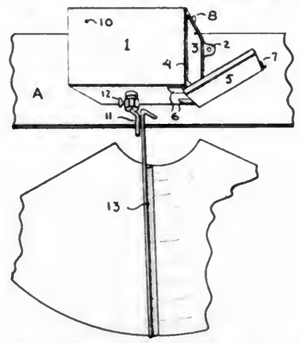
2,059,989
PANEL BOARD
William H. Frank, Joseph A. Messing, and Harrison J. L. Frank, Detroit, Mich., assignors to Bulldog Electric Products Company, Detroit, Mich., a corporation of West Virginia
Original application July 18, 1934, Serial No. 735,744. Divided and this application June 17, 1935, Serial No. 27,020
6 Claims. (Cl. 175—371)



1. A sectional panel board composed of similar interchangeable units or sections having similar mounting and contact arrangements for receiving and connecting in circuit identical multiple fuse carriers, the contact arrangements of various units being different so that, though identical fuse carriers be used, different relations between the fuses of these carriers and the circuits they protect may be obtained merely by associating the carriers with the units and without specially adjusting the carriers or the units at the time that the carriers are associated with the units.

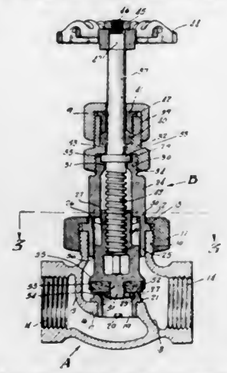
2,059,990
WINDSHIELD DEFROSTER
Theodore J. Gerwer, West New Brighton, Staten Island, N. Y.
Application September 27, 1934, Serial No. 745,662
1 Claim. (Cl. 20—40.5)

In a windshield defrosting device, the combination which comprises a conduit, means for securing said conduit to an automobile, a threaded mouth on the upper end of said conduit, a readily replaceable can of anti-freeze fluid having a threaded neck portion adapted to be engaged and removably held upside down by said threaded mouth but otherwise disconnected from the automobile, valve means associated with said conduit for regulating the flow of said fluid, and means associated with the lower end of said conduit for



distributing said anti-freeze fluid in a thin film over the outer surface of the windshield.

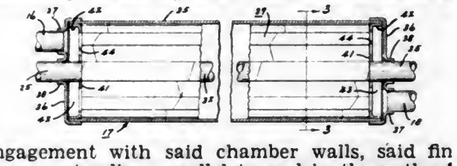
2,059,991
VALVE
Francis Rudolph Gochring, Philadelphia, Pa., assignor to H. Belfield Company, Philadelphia, Pa., a corporation of Pennsylvania
Application May 14, 1935, Serial No. 21,366
1 Claim. (Cl. 251—48)



In a valve of the character described, the combination with a valve bonnet, of a disc holder, ribs on the bonnet, lugs on the disc holder engaging the said ribs, and a guide structure formed on said disc holder and engaging the bonnet for guiding relative sliding movement between the said disc holder and the said bonnet, said guide structure consisting of a plurality of ribs, two of which are arranged diametrically oppositely to each other at an angular distance of substantially 90° with respect to the lugs, said guide ribs preventing relative lateral movement between said disc holder and the said bonnet when the valve is installed in a horizontal position.

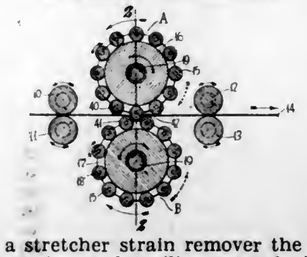
2,059,992
REFRIGERATING APPARATUS
Richard E. Gould, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application January 25, 1936, Serial No. 60,773
7 Claims. (Cl. 257—246)

1. A heat exchanger for a refrigerating system comprising, means forming a chamber adapted to have a fluid circulated therethrough and provided with inlet and outlet openings for the fluid, a fluid conducting conduit extending through said chamber and being sealed to the walls thereof, and fin means contacting said conduit and extending outwardly therefrom into contacting



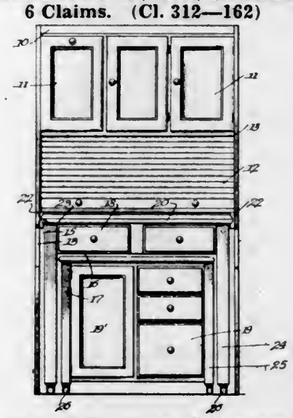
engagement with said chamber walls, said fin means extending parallel to and in the path of flow of fluid to be circulated through the chamber.

2,059,993
STRETCHER STRAIN REMOVER
Arthur F. Hanson, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
Application May 12, 1932, Serial No. 610,834
6 Claims. (Cl. 153—54)



1. In a stretcher strain remover the combination of leading and trailing sets of pinch rolls, dual intermeshing groups of axially elongated tooth rolls, backing rolls positioned interiorly of said groups and concentrically of the circle described by the individual tooth roll centers during operation, said backing rolls adapted for relative reverse direction of rotation with respect to said pinch rolls and means adapted to adjust said groups between centers.

2,059,994
COMBINED CABINET AND TABLE
Harry Charles Williams, Louisville, Ky.
Application October 29, 1935, Serial No. 47,298
6 Claims. (Cl. 312—162)



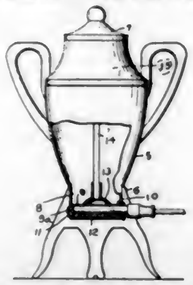
1. An article of furniture of the class described including in combination, a cabinet having spaced depending sides, said sides coacting with the cabi-

net to provide a housing, and a movable table nested within the housing and having a portion of its top projecting outwardly from the cabinet to constitute an exposed working surface, said table being entirely removable from the housing to constitute a separate piece of furniture whereby its top may be utilized as a working surface when nested in said cabinet and an open table top when removed from said cabinet.

2,059,995

COOKING UTENSIL WITH REMOVABLE IMMERSIBLE ELECTRICAL HEATING UNIT

James P. Colbourn, New York, N. Y.
Application March 1, 1935, Serial No. 8,868
1 Claim. (Cl. 219—43)

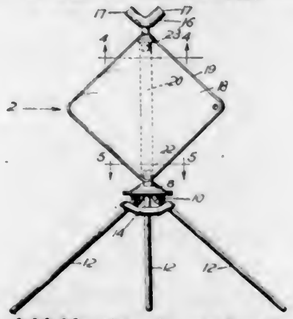


A cooking utensil consisting of a vessel having a bottom wall and a side wall, the side wall having an opening located slightly above the bottom wall, a tube inserted through the opening into the vessel and located above the bottom wall to leave an unobstructed water space between the tube and the bottom wall, the inner end of the tube being closed, the outer end of the tube being double seamed to the side wall of the vessel and permanently united to the vessel so as to hermetically seal said opening, a percolator bell straddling the tube and equipped with a vertical lift tube, and a combined holder and electrical unit inserted in the tube and withdrawable therefrom to permit the cleansing of the vessel.

2,059,996

PORTABLE SAFETY SIGNAL

Nathan Goldberg, Denver, Colo.
Application March 25, 1935, Serial No. 12,893
3 Claims. (Cl. 40—125)

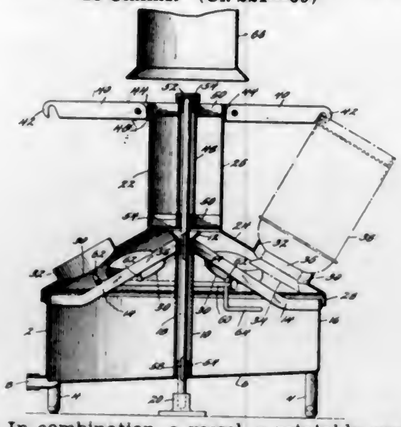


1. In a foldable sign, in combination, a bar, means for supporting the bar and holding it in upright position, comprising a base plate having an opening in which the bar is mounted for longitudinal movement, a plurality of legs hinged at one end to the under side of the base plate, a spreader plate secured to the lower end of the bar, said plate having an opening for each leg, means for limiting the downward movement of the bar, comprising the spreader plate and the legs, a sign plate, means carried by the base plate for engaging the lower edge of and supporting the sign plate, means slidably mounted on the bar for engaging the upper edge of the sign plate, and a stop for limiting the upward movement of the slidable means, on the bar.

2,059,997

DUMPING AND DRAINING APPARATUS

Robert E. Kaestner, Baltimore, Md., assignor to E. A. Kaestner Company, a corporation of Maryland
Application May 9, 1936, Serial No. 78,943
18 Claims. (Cl. 221—69)



1. In combination, a vessel, a rotatable carrier comprising a cover for said vessel, said cover being adjacent to and over said vessel and having a plurality of openings of adequate size to receive the mouth and neck of milk and cream cans and smaller than the cross-section of the bodies of said cans and thereby provide seats for the cans, a plurality of sprays within said vessel and disposed to direct jets of fluid into cans seated in the openings of said cover, a plurality of securing members extending from said carrier for retaining said cans in position on the seats, a shaft passing through said vessel, means for supporting said shaft and a thrust bearing at the top of said shaft whereby said rotatable carrier is supported.

2,059,998

COLLAR HOLDER

Charles W. Price, Hollywood, Calif., assignor of one-half to Charles E. Scribner, New York, N. Y.
Application July 18, 1934, Serial No. 735,869
1 Claim. (Cl. 2—116)

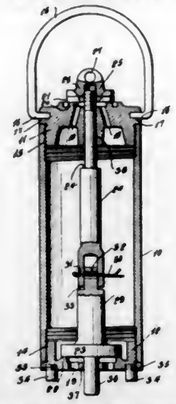


In combination, a shirt, a collar having points thereon, and adhesive means for holding said points against said shirt, said means comprising two pieces of sheet material each coated throughout substantially its entire surface area with normally dry, water-soluble adhesive, each piece being adapted to be moistened and inserted beneath a point of said collar, the adhesive action thereof holding said collar points against said shirt.

2,059,999

SAMPLER

Walter S. Rainville, Sr., Gretna, La.
Application April 28, 1936, Serial No. 76,820
4 Claims. (Cl. 137—18)

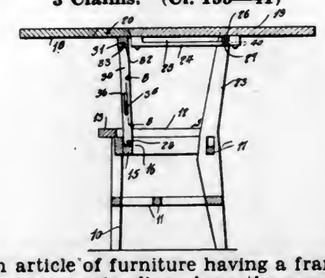


1. A sampler of the class described, having a body, upper and lower heads on said body provided with orifices therethrough, a valve for the orifices of the upper head, a valve for the orifices of the lower head, stem sections extending from said valves, a slip connection between said stem sections, comprising a fastening passing through openings in said sections, one of said openings being enlarged with respect to that portion of the key passing therethrough, said connection permitting raising movement of the lower valve relatively to the upper valve and simultaneous raising movement of both valves thereafter.

2,060,000

COMBINATION CHAIR AND IRONING BOARD

Oscar C. Nelson, Minneapolis, Minn., assignor of one-half to Gunnar V. Abrahamson and one-half to Robert Nasstrom, both of Minneapolis, Minn.
Refiled for abandoned application Serial No. 301,139, August 21, 1928. This application December 19, 1935, Serial No. 55,280
3 Claims. (Cl. 155—41)

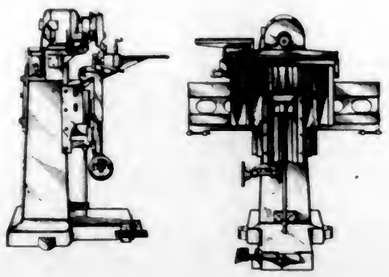


1. An article of furniture having a frame, supporting means extending above the same, a seat member resting on the frame, a back member pivoted and slidably connected to the supporting means above said seat member, said seat and back members being pivotally connected together, and means to support the seat member in a position alined with the back member, the latter means being pivoted to said frame and to said seat member, a bar having a ledge on which the latter means normally rest, and another bar spaced from the first mentioned bar on which said latter means normally rest.

DESIGNS

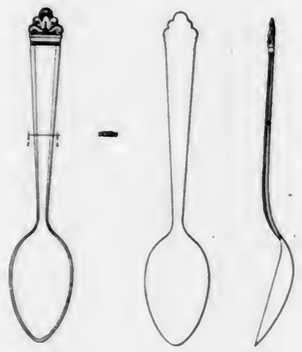
NOVEMBER 3, 1936

101,760
DESIGN FOR A COMBINATION BEVELER AND SQUARER FOR FLAT AND CURVED PLATES
Michael Annick, Scranton, Pa., assignor, by mesne assignments, to Wesel Manufacturing Company, a corporation of Pennsylvania
Application July 24, 1934, Serial No. 52,679
Term of patent 14 years



The ornamental design for a combination beveler and squarer for flat and curved plates, as shown.

101,761
DESIGN FOR A SPOON OR SIMILAR ARTICLE
Percy Bertram Ball, North Attleboro, Mass., assignor to The Watson Company, Attleboro, Mass.
Application September 10, 1936, Serial No. 64,798
Term of patent 7 years



The ornamental design for a spoon or similar article as shown.

101,762
DESIGN FOR A BUTT EDGING STRIP OR SIMILAR ARTICLE
William L. Bonnell, Columbus, Ohio, assignor to The B. & T. Floor Company, Columbus, Ohio, a corporation of Ohio
Application September 12, 1936, Serial No. 64,839
Term of patent 14 years



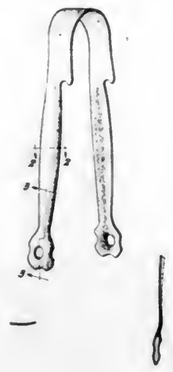
The ornamental design for a butt edging strip or similar article, as shown.

101,763
DESIGN FOR A GUMMED SEAL OR SIMILAR ARTICLE
Mable J. Breen, Denver, Colo.
Application July 14, 1936, Serial No. 63,832
Term of patent 3½ years



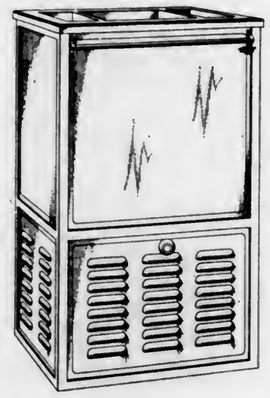
The ornamental design for a gummed seal or similar article, as shown.

101,764
DESIGN FOR ICE TONGS
Arthur D. Brooks, Cleveland, Ohio, assignor to Eaton Detroit Metal Company, Cleveland, Ohio, a corporation of Ohio
Application August 21, 1936, Serial No. 64,506
Term of patent 3½ years



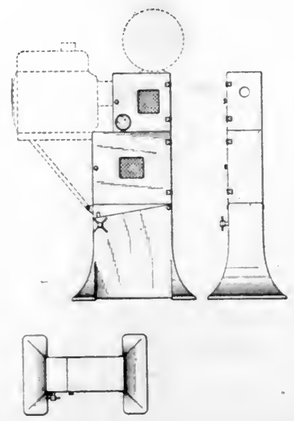
The ornamental design for ice tongs, as shown.

101,765
DESIGN FOR A REFRIGERATED DEVELOPING UNIT FOR X-RAY PHOTOGRAPHS
Arthur W. Buck, St. Louis, Mo., assignor to Buck X-Ograph Company, St. Louis, Mo., a corporation of Missouri
Application May 28, 1936, Serial No. 62,895
Term of patent 14 years



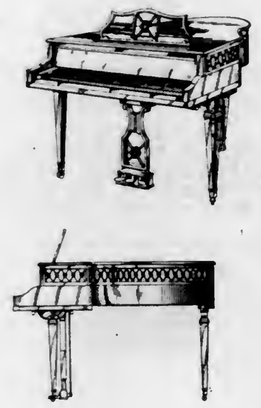
The ornamental design for a refrigerated developing unit for X-ray photographs, as shown and described.

101,766
DESIGN FOR A MOTION PICTURE PROJECTOR
Herman A. De Vry, Chicago, Ill.
Application August 24, 1936, Serial No. 64,541
Term of patent 7 years



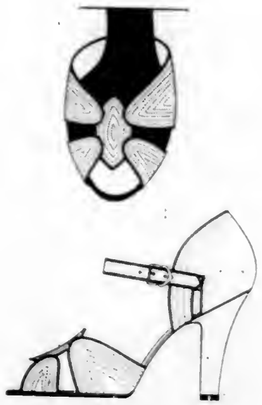
The ornamental design for a motion picture projector as shown and described.

101,767
DESIGN FOR A GRAND PIANO
Cyril Farny, St. Charles, Ill., assignor to Wurlitzer Grand Piano Company, De Kalb, Ill., a corporation of Illinois
Application August 24, 1936, Serial No. 64,545
Term of patent 7 years



The ornamental design for a grand piano substantially as shown.

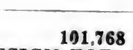
101,768
DESIGN FOR A SHOE
Samuel Fradkin, Lewiston, Maine
Application August 10, 1936, Serial No. 64,336
Term of patent 3½ years



The ornamental design for a shoe, as shown.

101,769
DESIGN FOR A BUCKLE
John B. Freysinger, New Britain, Conn.
Application September 22, 1936, Serial No. 64,955
Term of patent 3½ years





The ornamental design for a buckle as shown.

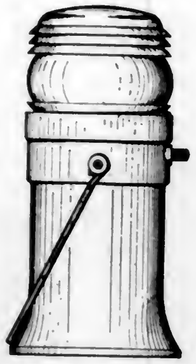
101,770
DESIGN FOR A BUCKLE
John B. Freysinger, New Britain, Conn.
Application September 25, 1936, Serial No. 65,006
Term of patent 3½ years





The ornamental design for a buckle as shown.

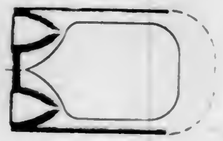
101,771
DESIGN FOR A PORTABLE ELECTRIC LANTERN
Carl A. Glock, Lynwood, Calif.
Application October 5, 1935, Serial No. 58,841
Term of patent 3½ years



The ornamental design for a portable electric lantern, as shown and described.

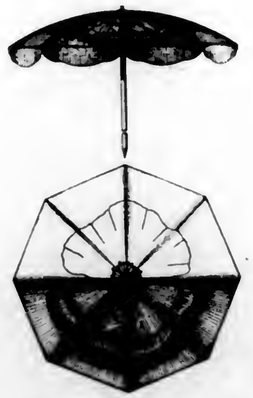
101,772
DESIGN FOR AN AUTOMOBILE
Thaddeus R. Goldsborough, Merchantville, N. J.
Application September 21, 1934, Serial No. 53,343
Term of patent 14 years





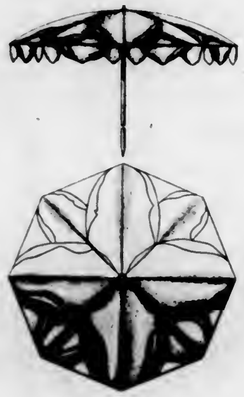
The ornamental design for an automobile, as shown and described.

101,773
DESIGN FOR A LAWN UMBRELLA
Elizabeth Harrison Hanna, Montclair, N. J.
Application July 16, 1936, Serial No. 63,877
Term of patent 14 years



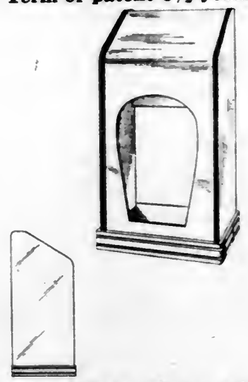
The ornamental design for a lawn umbrella, as shown and described.

101,774
DESIGN FOR A LAWN UMBRELLA
Elizabeth Harrison Hanna, Montclair, N. J.
Application July 16, 1936, Serial No. 63,878
Term of patent 14 years



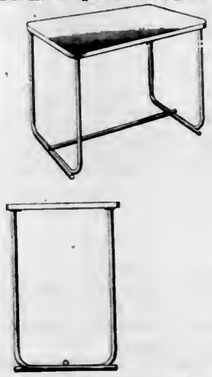
The ornamental design for a lawn umbrella, as shown and described.

101,775
DESIGN FOR A RADIO CABINET
Martin Hanson, Chicago, Ill., assignor to Louis Hanson Company, Chicago, Ill.
Application August 24, 1936, Serial No. 64,548
Term of patent 3½ years



The ornamental design for a radio cabinet as shown.

101,776
DESIGN FOR A TABLE
Wolfgang Hoffmann, Batavia, Ill., assignor to The Howell Company, St. Charles, Ill., a corporation of Illinois
Application August 15, 1936, Serial No. 64,421
Term of patent 3½ years



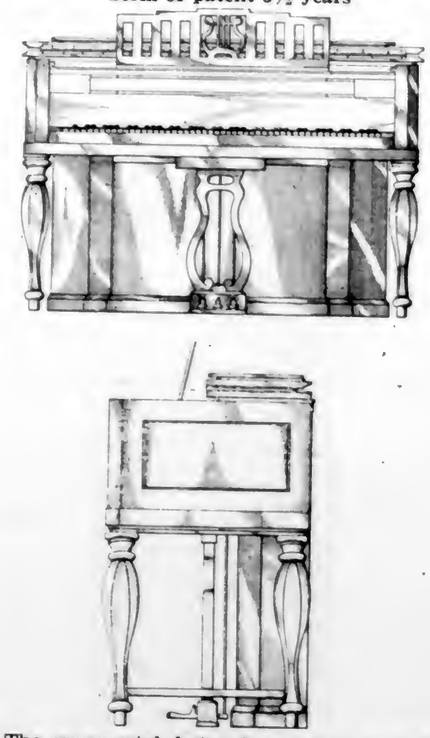
The ornamental design for a table, as shown and described.

101,777
DESIGN FOR A BOWL OR SIMILAR ARTICLE
Bernard N. Kane, East Liverpool, Ohio, assignor to The Hall China Company, East Liverpool, Ohio, a corporation of Ohio
Application May 26, 1936, Serial No. 62,840
Term of patent 7 years



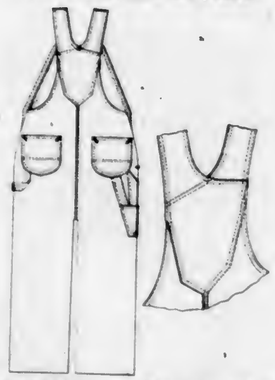
The ornamental design for a bowl or similar article, as shown and described.

101,778
DESIGN FOR A PIANO OR SIMILAR ARTICLE
Jacob L. Krasnick, Holly, Mich., assignor to Grinnell Bros., Detroit, Mich., a corporation of Michigan
Application July 11, 1936, Serial No. 63,788
Term of patent 3½ years



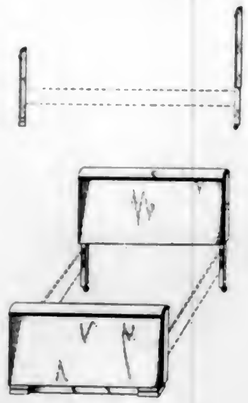
The ornamental design for a piano or similar article substantially as shown.

101,779
DESIGN FOR AN OVERALL
Oscar E. Kratz, Kansas City, Mo., assignor to The H. D. Lee Mercantile Co., Kansas City, Mo., a corporation of Kansas
Application February 17, 1936, Serial No. 61,199
Term of patent 14 years



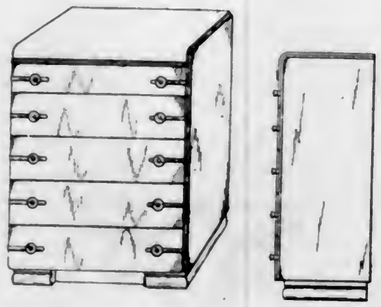
The ornamental design for an overall, as shown and described.

101,780
DESIGN FOR A BEDSTEAD
George Krick, Portland, Oreg., assignor to B. P. John Furniture Corporation, Portland, Oreg., a corporation of Oregon
Application July 6, 1936, Serial No. 63,657
Term of patent 3½ years



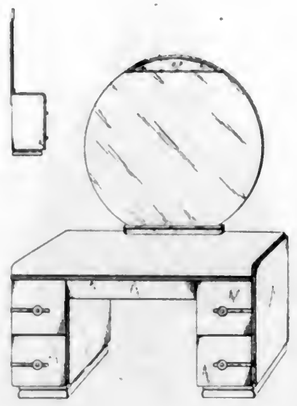
The ornamental design for a bedstead as shown.

101,781
DESIGN FOR A CHEST OR SIMILAR ARTICLE
George Krick, Portland, Oreg., assignor to B. P. John Furniture Corporation, Portland, Oreg., a corporation of Oregon
Application July 6, 1936, Serial No. 63,658
Term of patent 3½ years



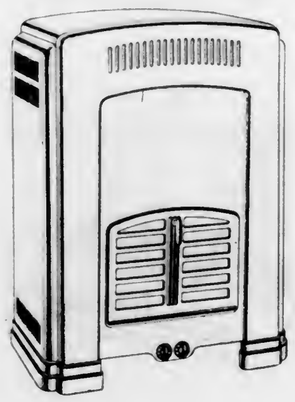
The ornamental design for a chest or similar article as shown.

101,782
DESIGN FOR A VANITY OR SIMILAR ARTICLE
George Krick, Portland, Oreg., assignor to B. P. John Furniture Corporation, Portland, Oreg., a corporation of Oregon
Application July 6, 1936, Serial No. 63,659
Term of patent 3½ years



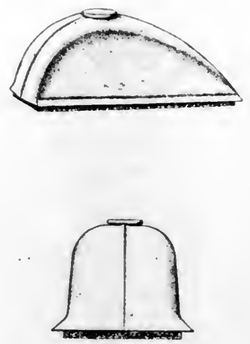
The ornamental design for a vanity or similar article, as shown and described.

101,783
DESIGN FOR A SPACE HEATER
Ralph E. Kruck, Springfield, Mass., assignor to Florence Stove Company, Gardner, Mass., a corporation of Massachusetts
Application August 13, 1936, Serial No. 64,389
Term of patent 3½ years



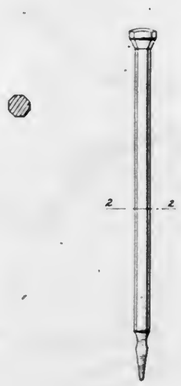
The ornamental design for a space heater substantially as shown and described.

101,784
DESIGN FOR A LIQUID CLEANER
Leonard J. Kurtz, Cleveland, Ohio
Application March 25, 1936, Serial No. 61,781
Term of patent 7 years



The ornamental design for a liquid cleaner, as shown.

101,785
DESIGN FOR A BEVERAGE STICK
Joseph Liebschutz, Auburn, N. Y.
Application September 4, 1935, Serial No. 58,434
Term of patent 3½ years



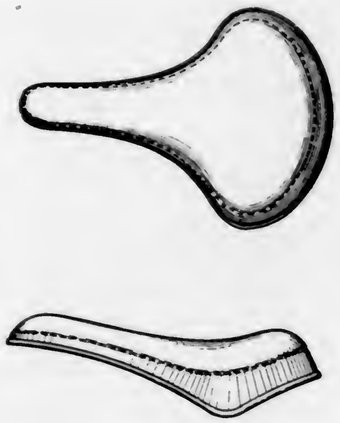
The ornamental design for a beverage stick, as shown.

101,786
DESIGN FOR A COMBINED CARBONATING AND DISPENSING RECEPTACLE FOR LIQUIDS
Carl F. Lozon, Massillon, Ohio
Application July 28, 1936, Serial No. 64,101
Term of patent 14 years



The ornamental design for a combined carbonating and dispensing receptacle for liquids, substantially as shown.

101,787
DESIGN FOR A BICYCLE SADDLE
Frederick Mesinger, Mount Vernon, N. Y.
Application February 15, 1936, Serial No. 61,182
Term of patent 3½ years



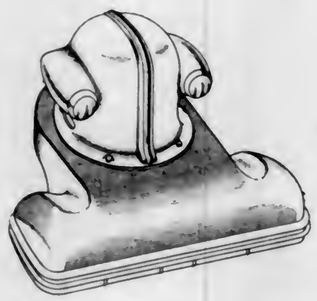
The ornamental design for a bicycle saddle, substantially as shown.

101,788
DESIGN FOR AN ARTIFICIAL TREE ORNAMENT
Dorothy S. Miltenberger, Webster Groves, Mo.
Application September 21, 1936, Serial No. 64,940
Term of patent 14 years



The ornamental design for an artificial tree ornament, substantially as shown and described.

101,789
DESIGN FOR A VACUUM CLEANER CASING
John R. Morgan, Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application March 11, 1936, Serial No. 61,573
Term of patent 7 years



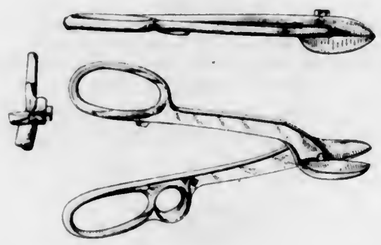
The ornamental design for a vacuum cleaner casing, as shown.

101,790
DESIGN FOR A DRESS
Mary Porpora, New York, N. Y., assignor to Frankl'n Simon & Co. Inc., New York, N. Y.
Application August 26, 1936, Serial No. 64,573
Term of patent 3½ years



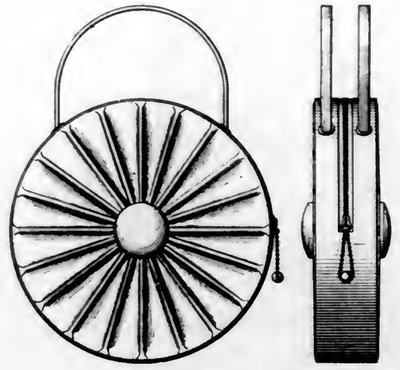
The ornamental design for a dress, substantially as shown and described.

101,791
DESIGN FOR SHEARS FOR CUTTING SHEET METAL
Frederic H. Rauh, South Orange, N. J., assignor to J. Wiss & Sons Co., Newark, N. J., a corporation of New Jersey
Application July 24, 1936, Serial No. 64,017
Term of patent 14 years



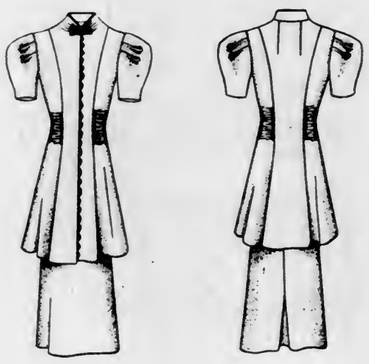
The ornamental design for shears for cutting sheet metal, as shown and described.

101,792
DESIGN FOR A HANDBAG
Julius Resnick, Brooklyn, N. Y.
Application September 29, 1936, Serial No. 65,045
Term of patent 7 years



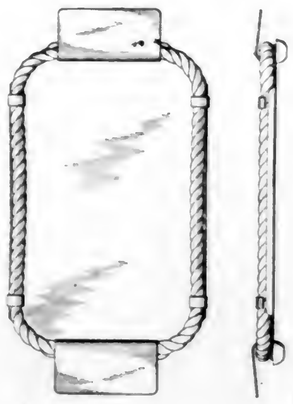
The ornamental design for a handbag as shown.

101,793
DESIGN FOR A DRESS
David Rosenthal, New York, N. Y.
Application October 1, 1936, Serial No. 65,102
Term of patent 3½ years



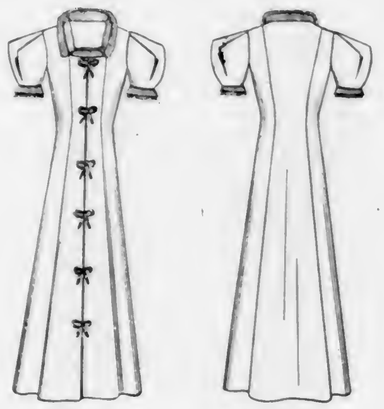
The ornamental design for a dress, substantially as shown.

101,794
DESIGN FOR A TRAY
Burke Rummler, Los Angeles, Calif.
Application September 16, 1936, Serial No. 64,881
Term of patent 3½ years



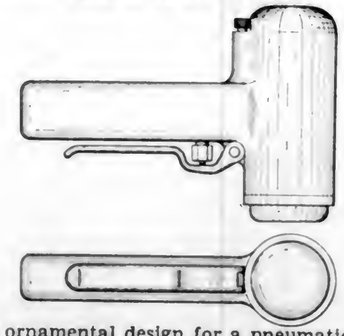
The ornamental design for a tray as shown.

101,795
DESIGN FOR A ROBE
Pauline Schnittman, New York, N. Y.
Application September 29, 1936, Serial No. 65,056
Term of patent 3½ years



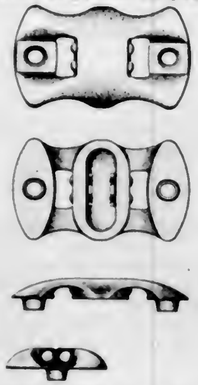
The ornamental design for a robe, substantially as shown.

101,796
DESIGN FOR A PNEUMATIC HAMMER
Elmer J. Seiden, Jackson, Mich.
Application September 10, 1936, Serial No. 64,792
Term of patent 7 years



The ornamental design for a pneumatic hammer substantially as shown.

101,797
DESIGN FOR A TRAFFIC BUTTON
John W. Shaffer and Ralph T. Phillips, Minneapolis, Minn., assignors to John W. Shaffer & Company, a corporation of Minnesota
Application August 20, 1936, Serial No. 64,492
Term of patent 14 years



The ornamental design for a traffic button as shown.

101,798
DESIGN FOR A CRAVAT HOLDER
Charles Silverman, Providence, R. I.
Application September 25, 1936, Serial No. 65,000
Term of patent 7 years



The ornamental design for a cravat holder, substantially as shown and described.

101,799
DESIGN FOR A COMBINATION SHRINE AND SICKROOM LIGHT
Pearl Stinson, San Francisco, Calif.
Application April 17, 1936, Serial No. 62,182
Term of patent 7 years



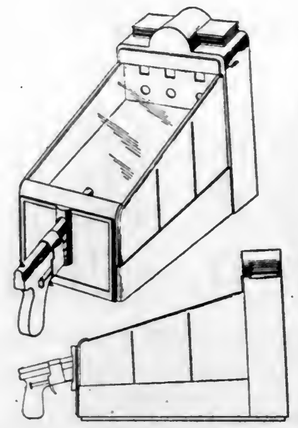
The ornamental design for a combination shrine and sickroom light, as shown.

101,800
DESIGN FOR A FLASHLIGHT HEAD
Emerson H. Tompkins, Waterbury, Conn.
Application February 28, 1936, Serial No. 61,408
Term of patent 14 years



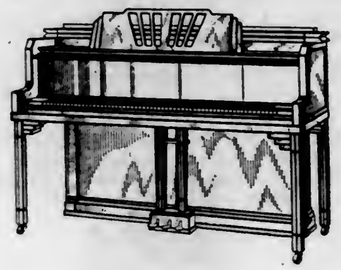
The ornamental design for a flashlight head as shown and described.

101,801
DESIGN FOR A CABINET FOR AMUSEMENT GAME APPARATUS
Walter A. Tratsch, Chicago, Ill.
Application September 11, 1936, Serial No. 64,809
Term of patent 3½ years



The ornamental design for a cabinet for amusement game apparatus, as shown.

101,802
DESIGN FOR A PIANO CASE
Peter Van Dommelen, Holland, Mich., assignor to Gulbransen Company, Chicago, Ill., a corporation of Illinois
Application August 28, 1936, Serial No. 64,613
Term of patent 3½ years



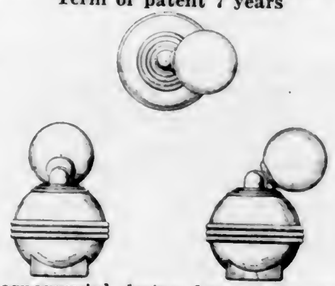
The ornamental design for a piano case, as shown.

101,803
DESIGN FOR A DRESS
Jenny Vella, New York, N. Y., assignor to Franklin Simon & Co., Inc., New York, N. Y.
Application August 27, 1936, Serial No. 64,580
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

101,804
DESIGN FOR AN ATOMIZER
Frederic A. Vuillemenot, Toledo, Ohio
Application September 2, 1936, Serial No. 64,687
Term of patent 7 years



The ornamental design for an atomizer substantially as shown.

101,805
DESIGN FOR A PERFUME DROPPER
Frederic A. Vuillemenot, Toledo, Ohio
Application September 2, 1936, Serial No. 64,691
Term of patent 7 years



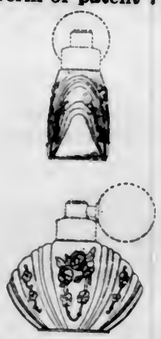
The ornamental design for a perfume dropper, substantially as shown and described.

101,806
DESIGN FOR AN ATOMIZER
Frederic A. Vuillemenot, Toledo, Ohio
Application September 14, 1936, Serial No. 64,845
Term of patent 7 years



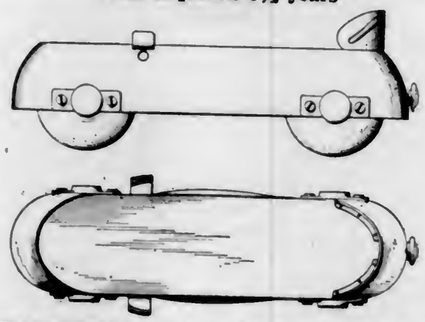
The ornamental design for an atomizer substantially as shown and described.

101,807
DESIGN FOR AN ATOMIZER
Frederic A. Vuillemenot, Toledo, Ohio
Application September 17, 1936, Serial No. 64,906
Term of patent 7 years



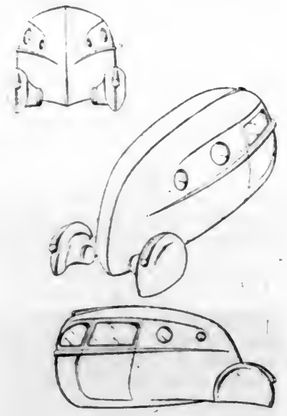
The ornamental design for an atomizer, substantially as shown and described.

101,808
DESIGN FOR A ROLLER SKATE
Tallie C. Wall, Mount Vernon, Ill.
Application October 4, 1935, Serial No. 61,915
Term of patent 3½ years



The ornamental design for a roller skate, as shown.

101,809
DESIGN FOR AN AUTOMOBILE TRAILER BODY
Alexis de Sakhnoffsky, Philadelphia, Pa.
Application October 1, 1936, Serial No. 65,105
Term of patent 14 years



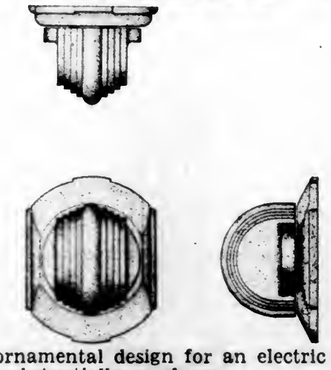
The ornamental design for automobile trailer body substantially as shown.

101,810
DESIGN FOR A JAR
Edwin W. Fuerst, Toledo, Ohio, assignor to Duffy Mott Co., Inc., New York, N. Y., a corporation of New York
Application February 8, 1936, Serial No. 61,050
Term of patent 14 years



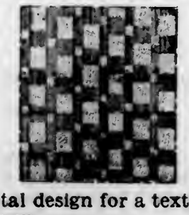
The ornamental design for a jar substantially as shown and described.

101,811
DESIGN FOR AN ELECTRIC SWITCH BUTTON
George R. Graff, Toledo, Ohio, asignor to John E. Goerlich, Toledo, Ohio
Application September 21, 1936, Serial No. 64,941
Term of patent 7 years



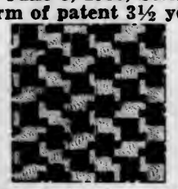
The ornamental design for an electric switch button substantially as shown.

101,812
DESIGN FOR A TEXTILE FABRIC
August Hafner, Flushing, N. Y.
Application June 5, 1936, Serial No. 63,045
Term of patent 3½ years



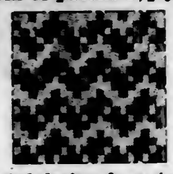
The ornamental design for a textile fabric substantially as shown.

101,813
DESIGN FOR A TEXTILE FABRIC
August Hafner, Flushing, N. Y.
Application June 5, 1936, Serial No. 63,046
Term of patent 3½ years



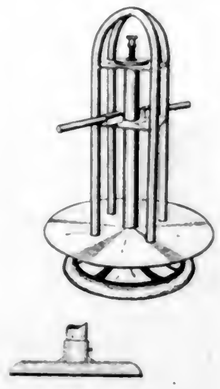
The ornamental design for a textile fabric substantially as shown.

101,814
DESIGN FOR A TEXTILE FABRIC
August Hafner, Flushing, N. Y.
Application June 5, 1936, Serial No. 63,047
Term of patent 3½ years



The ornamental design for a textile fabric substantially as shown.

101,815
DESIGN FOR A REEL
Ray C. Kivley, Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application April 25, 1936, Serial No. 62,306
Term of patent 14 years



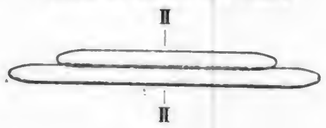
The ornamental design for a reel, as shown and described.

101,816
DESIGN FOR A TELEPHONE TRANSMITTER
Robert N. Marshall, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application September 9, 1936, Serial No. 64,775
Term of patent 14 years



The ornamental design for a telephone transmitter, as shown.

101,817
DESIGN FOR A LICENSE TAG TRIM MEMBER
Jacob F. Martin, Bellevue, Ohio
Application July 11, 1936, Serial No. 63,787
Term of patent 3½ years



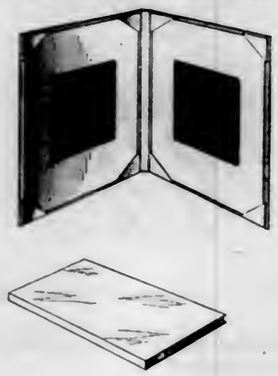
The ornamental design for a license tag trim member substantially as shown and described.

101,818
DESIGN FOR A SHIRT
Joseph Melville, New York, N. Y.
Application July 2, 1936, Serial No. 63,607
Term of patent 3½ years

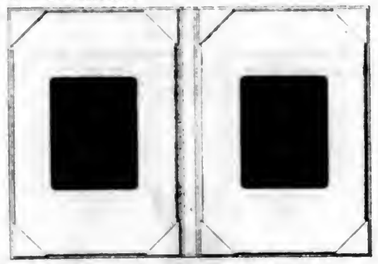


The ornamental design for a shirt, substantially as shown and described.

101,819
DESIGN FOR COMBINED FOLDER AND ARTICLE DISPLAY DEVICE
Henry D. Miller, Reading, Pa., assignor to Berkshire Knitting Mills, Wyomissing, Pa., a corporation of Pennsylvania
Application January 23, 1936, Serial No. 60,740
Term of patent 14 years



101,819—Continued



The ornamental design for a combined folder and article display device, substantially as shown and described.

101,820
DESIGN FOR TEXTILE FABRIC
George H. Perkins, Wellesley, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn., a corporation of Massachusetts
Application February 14, 1936, Serial No. 61,174
Term of patent 3½ years



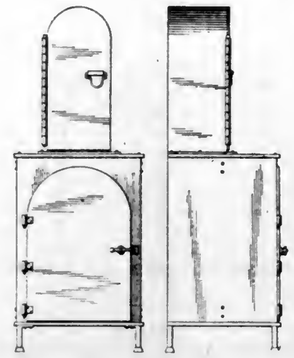
The ornamental design for textile fabric, substantially as shown.

101,821
DESIGN FOR TEXTILE FABRIC
George H. Perkins, Wellesley, Mass., assignor to Powdrell & Alexander, Inc., Danielson, Conn., a corporation of Massachusetts
Application February 29, 1936, Serial No. 61,424
Term of patent 3½ years



The ornamental design for textile fabric, substantially as shown.

101,822
DESIGN FOR A KITCHEN UTENSIL CABINET
Henry M. Robinson, Middlebush, N. J.
Application September 25, 1936, Serial No. 64,999
Term of patent 7 years



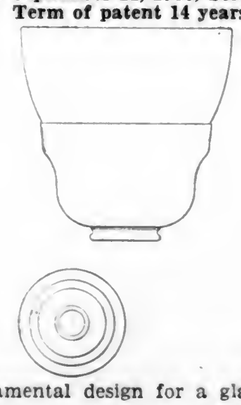
The ornamental design for a kitchen utensil cabinet as shown.

101,823
DESIGN FOR A GLASS GLOBE
Thomas W. Rolph, Newark, Ohio, assignor to Holophane Glass Company, Inc., New York, N. Y., a corporation of New York
Application September 11, 1936, Serial No. 64,811
Term of patent 14 years



The ornamental design for a glass globe, as shown.

101,824
DESIGN FOR A GLASS GLOBE
Thomas W. Rolph, Newark, Ohio, assignor to Holophane Glass Company, Inc., New York, N. Y., a corporation of New York
Application September 11, 1936, Serial No. 64,812
Term of patent 14 years



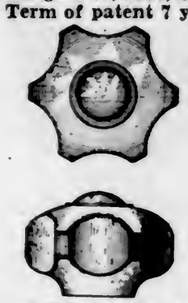
The ornamental design for a glass globe, as shown.

101,825
DESIGN FOR AN ELECTRON DISCHARGE DEVICE
Terry M. Shrader, West Summit, N. J., assignor to RCA Manufacturing Company, Inc., a corporation of Delaware
Application March 19, 1936, Serial No. 61,700
Term of patent 14 years



The ornamental design for an electron discharge device substantially as shown.

101,826
DESIGN FOR A KNOB FOR A GEAR SHIFT LEVER OR THE LIKE
John Sinko, Oak Park, Ill.
Application August 22, 1936, Serial No. 64,531
Term of patent 7 years



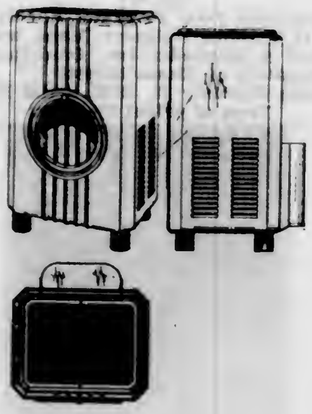
The ornamental design for a knob for a gear shift lever or the like, as shown.

101,827
DESIGN FOR AN ACCORDION OR SIMILAR ARTICLE
Mario Soprani, Castelfiardo, Italy
Application May 22, 1936, Serial No. 62,771
Term of patent 7 years



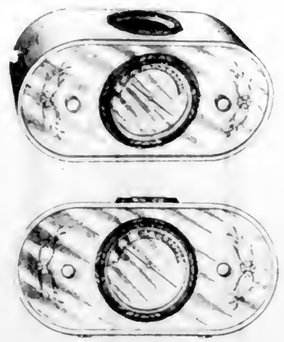
The ornamental design for an accordion, or similar article, as shown.

101,828
DESIGN FOR A CIRCULATING TYPE HEATER
Walter D. Teague, New York, N. Y., assignor to American Gas Machine Company, Albert Lea, Minn., a corporation of Delaware
Application June 1, 1936, Serial No. 62,913
Term of patent 7 years



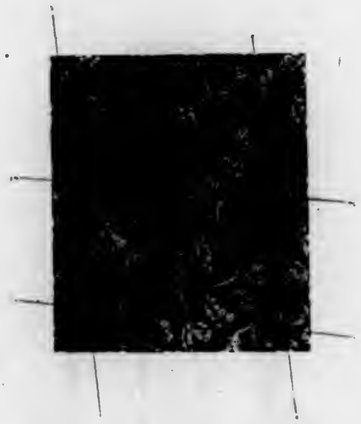
The ornamental design for a circulating type heater substantially as shown and described.

101,829
DESIGN FOR A RADIO CABINET
Morris Weincord, Chicago, Ill.
Application September 3, 1936, Serial No. 64,708
Term of patent 3½ years



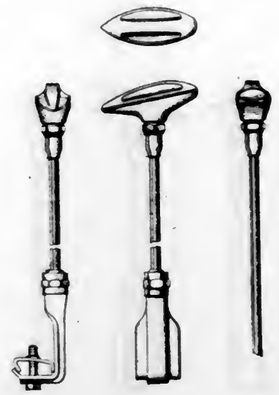
The ornamental design for a radio cabinet as shown and described.

101,830
DESIGN FOR A TEXTILE FABRIC
Harry Weisman, New York, N. Y.
Application July 24, 1936, Serial No. 64,021
Term of patent 3½ years



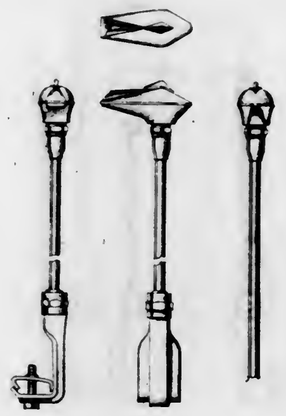
The ornamental design for a textile fabric, substantially as shown and described.

101,831
DESIGN FOR A FENDER GUIDE
Gustave F. Bahr, Fairfield, Conn., assignor to Casco Products Corporation, Bridgeport, Conn., a corporation of Connecticut
Application July 9, 1936, Serial No. 63,732
Term of patent 3½ years



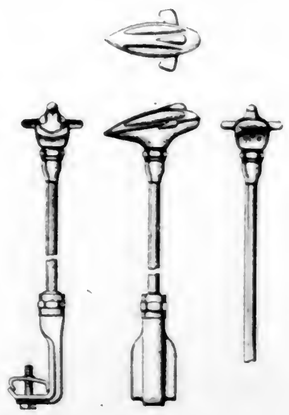
The ornamental design for a fender guide, as shown.

101,832
DESIGN FOR A FENDER GUIDE
Gustave F. Bahr, Fairfield, Conn., assignor to Casco Products Corporation, Bridgeport, Conn., a corporation of Connecticut
Application July 9, 1936, Serial No. 63,733
Term of patent 3½ years



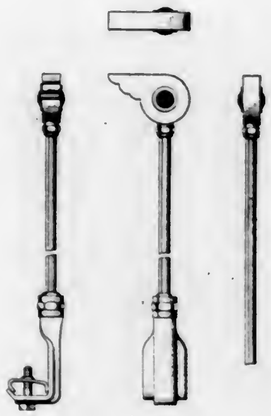
The ornamental design for a fender guide, as shown.

101,833
DESIGN FOR A FENDER GUIDE
Gustave F. Bahr, Fairfield, Conn., assignor to Casco Products Corporation, Bridgeport, Conn., a corporation of Connecticut
Application July 9, 1936, Serial No. 63,734
Term of patent 3½ years



The ornamental design for a fender guide, as shown.

101,834
DESIGN FOR A FENDER GUIDE
Gustave F. Bahr, Fairfield, Conn., assignor to Casco Products Corporation, Bridgeport, Conn., a corporation of Connecticut
Application July 9, 1936, Serial No. 63,735
Term of patent 3½ years



The ornamental design for a fender guide, as shown.

101,835
DESIGN FOR A FENDER GUIDE
Joseph H. Cohen, Bridgeport, Conn., assignor to Casco Products Corporation, Bridgeport, Conn., a corporation of Connecticut
Application July 9, 1936, Serial No. 63,727
Term of patent 3½ years



The ornamental design for a fender guide, as shown.

101,836
DESIGN FOR A FENDER GUIDE
Joseph H. Cohen, Bridgeport, Conn., assignor to Casco Products Corporation, Bridgeport, Conn., a corporation of Connecticut
Application July 9, 1936, Serial No. 63,728
Term of patent 3½ years



The ornamental design for a fender guide, as shown.

101,837
DESIGN FOR A FENDER GUIDE
Joseph H. Cohen, Bridgeport, Conn., assignor to Casco Products Corporation, Bridgeport, Conn., a corporation of Connecticut
Application July 9, 1936, Serial No. 63,729
Term of patent 3½ years



The ornamental design for a fender guide, as shown.

101,838
DESIGN FOR A FENDER GUIDE
Joseph H. Cohen, Bridgeport, Conn., assignor to Casco Products Corporation, Bridgeport, Conn., a corporation of Connecticut
Application July 9, 1936, Serial No. 63,730
Term of patent 3½ years



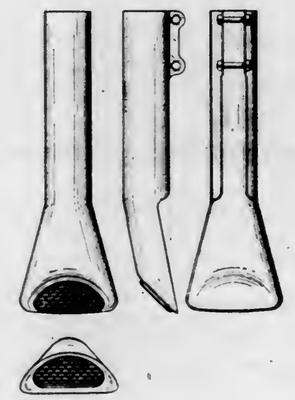
The ornamental design for a fender guide, as shown.

101,839
DESIGN FOR A FENDER GUIDE
Joseph H. Cohen, Bridgeport, Conn., assignor to Casco Products Corporation, Bridgeport, Conn., a corporation of Connecticut
Application July 9, 1936, Serial No. 63,731
Term of patent 3½ years



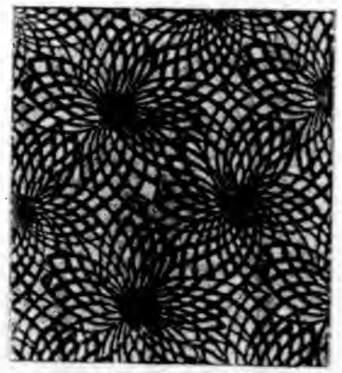
The ornamental design for a fender guide, as shown.

101,840
DESIGN FOR AN AUTOMOBILE EXHAUST SHROUD
Louis A. Koch, Jr., Louisville, Ky.
Application February 10, 1936, Serial No. 61,058
Term of patent 7 years



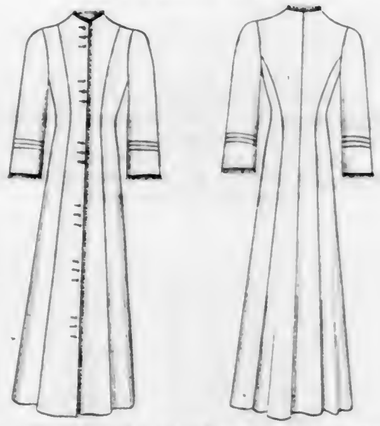
The ornamental design for an automobile exhaust shroud, as shown and described.

101,841
DESIGN FOR A LACE
Edmond Richard, New York, N. Y.
Application September 19, 1936, Serial No. 64,925
Term of patent 3½ years



The ornamental design for a lace, substantially as shown and described.

101,842
DESIGN FOR A ROBE
Pauline Schnittman, New York, N. Y.
Application September 29, 1936, Serial No. 65,057
Term of patent 3½ years



The ornamental design for a robe, substantially as shown.

101,843
DESIGN FOR A ROBE
Pauline Schnittman, New York, N. Y.
Application October 1, 1936, Serial No. 65,103
Term of patent 3½ years



The ornamental design for a robe, substantially as shown.

101,844
DESIGN FOR A BED SACK OR SIMILAR ARTICLE
Florece Weinberg, New York, N. Y.
Application August 8, 1936, Serial No. 64,298
Term of patent 3½ years



The ornamental design for a bed sack or similar article, substantially as shown and described.

Patents Nos. 2,060,001 to 2,060,780

THE OFFICIAL GAZETTE OF THE United States Patent Office

Vol. 472—No. 2 TUESDAY, NOVEMBER 10, 1936 Price—$16 per year

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November 10, 1936

Trade-Marks	170—No.	340,373 to No	340,542, inclusive.
T. M. Renewals	38		
Labels	10—No.	48,380 to No.	48,389, inclusive.
Prints	7—No.	15,913 to No.	15,919, inclusive.
Reissues	8—No.	20,162 to No.	20,169, inclusive.
Patents	780—No.	2,060,001 to No.	2,060,780, inclusive.
Designs	84—No.	101,845 to No.	101,928, inclusive.
Total	1,097		

Notice of Cancellation

U. S. PATENT OFFICE, *Washington, Oct. 12, 1936.*

James T. Lyons, his assigns or legal representatives take notice:

An application for cancellation having been filed in this Office by Carman & Co. Inc., 620 West 27th Street, New York, N. Y., to effect the cancellation of trade-mark registration of James T. Lyons, doing business as Lyons Chemical Works, 3021 Archer Avenue, Chicago, Ill., No. 163,440, dated January 9, 1923, and the notice of such proceeding sent by registered mail to the said James T. Lyons at the said address having been returned by the post office undeliverable, notice is hereby given that unless said James T. Lyons, his assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order the cancellation will be proceeded with as in the case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,869,617, D. H. Reeves, Refrigerating apparatus, decided September 28, 1936, claims 1 and 4.

Pat. 1,934,245, R. P. Stineman, Holder for moving picture films, decided October 22, 1936, claims 1 and 3.

Pat. 1,944,008, F. B. Hobart, Heat insulating material and method of making same, decided August 31, 1936, claim 29.

Pat. 1,978,461, P. L. Hoover and E. D. Kennedy, Timing axis for cathode ray oscillograph, decided September 2, 1936, claim 5.

Pat. 1,980,966, F. F. Blicke, Substituted alkylphenols and method of producing same, decided October 16, 1936, claims 1, 4, and 5.

Pat. 2,003,118, G. E. Mirfield, R. E. Lewis, C. Firth, and J. E. Neale, Electric welding apparatus, decided October 17, 1936, claims 1, 5, 13, and 14.

Design Pat. 91,393, R. D. Karnell, Design for signal chime, decided October 1, 1936, the claim as shown.

Disclaimers

1,325,234.—*Forrest J. Couch*, Spencerport, and *James F. Wallace*, Rochester, New York. WRINGER MECHANISM FOR CLOTHES-WASHERS. Patent dated December 16, 1919. Disclaimer filed October 15, 1936, by the assignee, *The Apex Electrical Manufacturing Company.*

Hereby disclaims claim 5 from the specification of the said patent.

1,918,222.—*Louis Weisberg* and *Willard F. Greenwald*, New York, N. Y. METHOD OF PRODUCING SYNTHETIC RESINS AND PRODUCTS THEREOF. Patent dated July 11, 1933. Disclaimer filed October 3, 1936, by the assignee, *General Electric Company.*

Hereby disclaims claims 1, 2, 3, 4, 5, 10, 11, 12, 13, 14, 16, 18, 19, 21, and 22 of said patent.

2,012,038.—*William W. Eitel* and *Jack McCullough*, San Bruno, Calif. ELECTRODE SUPPORT. Patent dated August 20, 1935. Disclaimer filed October 16, 1936, by the assignee, *Heintz & Kaufman, Ltd.*

Hereby enters this disclaimer to claim 3 of said letters patent.

Trade-Mark Registrations Canceled

193,346. Mattresses. Fred Walpert & Co., Baltimore, Md. Registered December 23, 1924. Canceled October 16, 1936.

324,923. Ledger, record, linen, bond, and writing papers. L. L. Brown Paper Company, Adams, Mass. Registered June 4, 1935. Canceled October 16, 1936.

329,863. Ladies' underwear. Ford Manufacturing Co., Boston, Mass. Registered November 12, 1935. Canceled October 20, 1936.

331,037. Paper bags or containers. Benj. C. Betner Co., Devon, Pa. Registered December 24, 1935. Canceled October 16, 1936.

338,055. Whiskey. Kes, Incorporated, Cleveland, Ohio. Registered August 25, 1936. Canceled October 16, 1936.

Condition of Applications Under Examination at Close of Business October 24, 1936

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 35,984; Trade-Mark Division, 1,668. Oldest new case, April 20, 1936; oldest amended, April 24, 1936.) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. LOEFFLER, F. A., Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Aug. 6	Aug. 7	313
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco, Velocipedes; Butchering; Bee Culture.	June 3	June 4	1,024
4093	3. LINDSAY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	July 29	July 27	433
7083	4. DONNELLY, A. E. (Act.), Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	June 10	June 15	561
3077	5. MACNAB, J. F., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons, Etc.	July 23	July 28	474
4898 C	6. LEWERS, A. M., Carbon Chemistry (part)	July 20	July 18	744
5725	7. JARBOE, C. G., Optics; Photography	July 27	July 27	737
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Aug. 4	Aug. 5	516
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Aug. 8	Aug. 10	384
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops; Vehicle Fenders	Aug. 1	Aug. 8	318
5087 B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	July 27	July 30	396
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms.	July 27	July 27	413
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Aug. 19	Aug. 14	404
5097	14. SMITH, G. A. (Act.), Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	July 3	July 2	616
4897	15. HENKIN, BENJ. (Act.), Glass; Plastic Block and Earthenware Apparatus; Plastics	July 29	July 29	848
5612	16. SPENCER, C. J., Telegraphy; Telephony	July 6	July 6	757
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	July 27	Aug. 2	603
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	July 6	July 7	476
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	July 21	July 20	685
6505	20. BROWN, L. M. (Act.), Miscellaneous Hardware; Closure Fasteners; Locks; Latches; Safes; Undertaking; Bread, Pastry, and Confection Making.	July 16	July 25	434
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	July 25	July 28	553
5724	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Aug. 1	Aug. 1	573
7624	23. BUTTNER, W. J. (Act.), Coin Handling; Recorders; Registers	Apr. 20	Apr. 24	553
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	July 24	July 24	456
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	July 25	July 25	521
5893	26. ADAMS, W. M., Electricity; Generation; Motive Power	Aug. 3	Aug. 10	340
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing or Smoothing.	June 24	June 24	790
4628	28. SOLYOM, H. L., Internal-Combustion Engines	July 10	July 10	361
5082	29. SHKLARIN, J. B., Woodworking; Tools; Compound Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Supports, Tables.	Aug. 1	July 29	511
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	June 26	June 24	676
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	July 29	July 29	557
4086	32. ARMSTRONG, HOWARD M. (Act.), Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation, Agitating.	Aug. 1	Aug. 3	467
6096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads and Pavements.	July 21	July 22	816
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	July 23	July 28	420
3605	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Filling and Closing Portable Receptacles.	June 26	June 26	674
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	July 23	July 23	266
5886 B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	July 13	July 8	614
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stoneworking; Wells; Plastic Compositions.	July 24	July 24	424
4872	39. WHITNEY, F. L., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Aug. 24	Aug. 24	272
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	June 20	June 20	1,081
6082	41. WHITNEY, M. L., Railway and Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes; Railway Draft Appliances; Spring Devices; Typewriting Machines.	July 14	July 17	466
5882	42. CUTTING, H. O., Electric Signaling	July 20	July 27	451
4886 B	43. KLINGE, E. F., Medicines, Poisons and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	July 24	July 24	653
4087 B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	July 20	July 10	633
7097	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling.	July 22	July 25	319
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	July 20	July 21	550
7600	47. BARKER, H., Clutches; Brakes	July 29	July 28	516
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	July 24	July 24	567
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Aug. 1	Aug. 3	469
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	July 24	July 24	604
5628	51. BACKUS, C. D., Radiant Energy	July 25	July 25	630
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Aug. 6	Aug. 11	492
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	June 29	July 6	838
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	July 25	July 24	365
6887	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	June 9	June 10	707
4725	56. CHANDLER, G. V., (Act.), Electrochemistry; Laminated Fabrics; Paper Making, Substance Preparation.	July 24	July 24	804
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys; Exercising Devices.	July 27	July 14	327
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	July 16	July 21	389
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part).	July 23	July 28	484
5896	60. GLASS, R. L., Electricity, Heating, and Welding; Batteries; Resistances and Rheostats; Prime-Mover Dynamo Plants.	July 3	July 6	545
6724	61. PARKS, G. E., Laminated Electrical Insulation, Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	July 28	July 25	302
3876	62. PUGH, E. C., Games; Geometrical Instruments	July 25	July 27	544
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Sterilizing; Chemistry, Fermentation.	July 27	July 27	395
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Aug. 4	Aug. 4	720
5624	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	May 26	May 26	795
2099 B	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND {Trade-Marks	Sept. 14	Oct. 9	1,387
	{Labels and Prints	Sept. 24	Oct. 9	281
2605	DESIGNS, H. H. KALUPY	Sept. 28	Oct. 12	389

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

KRUEGER *v.* GAUTIER AND NICHOLS

No. 3,623. Decided June 1, 1936

KRUEGER *v.* CHABOT

No. 3,624. Decided June 1, 1936

[83 F.(2d) 832]

1. APPEAL—DISMISSAL.

K's. appeal in appeal No. 3,623 and K's. appeal as to counts 1, 2, and 3, in appeal No. 3,624, dismissed on his motion.

2. SAME—ISSUE—CONSTRUCTION.

Clearly expressed limitations in the counts of the issue of an interference may not be ignored, especially where it appears that the inclusion of these limitations was one of the principal reasons for the issuance of the patent containing said claims which are involved in the interference.

3. SAME—PRIORITY—REDUCTION TO PRACTICE.

Where a machine built by K. was not thoroughly tested and, in view of possible infringement of a patent, no further machines of that type were built and machines of another type were built and put on the market *Held* that the building of the first machine constituted merely an abandoned experiment.

4. SAME—SAME.

Record reviewed and *Held* that priority was properly awarded to C. as to counts 4 and 5 of appeal No. 3,624.

APPEAL from the Patent Office. Affirmed.

Messrs. Hammond & Littell, Mr. Edmund Quincy Moses, Mr. Nelson Littell, Mr. Clarence M. Crews and *Mr. Joseph H. Milans* for Krueger.

Mr. Irving U. Townsend, Jr., Messrs. Emery, Booth, Townsend, Miller & Weidner and *Mr. Lawrence G. Miller* for Gautier and Nichols and Chabot.

GRAHAM, *P. J.:*

[1] The present appeals originally involved two interferences, namely, interferences Nos. 60,810 and 60,811. The appeals were designated here as cases Nos. 3,623 and 3,624, respectively. On the hearing here, counsel for Krueger, the appellant in both cases, moved to dismiss the appeal in No. 3,623, and moved to dismiss the appeal in No. 3,624 as to counts 1, 2, and 3 thereof. No objection was interposed by the other parties and accordingly the motions are allowed.

This leaves for consideration only counts 4 and 5 in interference No. 60,811, case No. 3,624, *Theodore H. Krueger* v. *Ephraim H. Chabot*. These counts are as follows:

4. In a strip serving machine of the type described, a supply of gummed tape, strip moistening means, strip severing means, strip feeding means including means to grasp the strip and feed it from the machine, a visual measuring device for measuring the length of strip fed out consisting of a stationary measuring scale in the form of a dial, a pointer movable on the dial in synchrony with the feeding of the tape and means to return the pointer to normal position when the feeding of the tape is stopped.

5. In a strip serving machine of the type described, a supply of gummed strip, moistening means, a strip severing means, strip feeding means including means to grasp the strip and feed it from the machine, a visual measuring device for measuring the length of strip fed out consisting of a stationary measuring scale in the form of a dial, a pointer movable on the dial in synchrony with the feeding of the tape and means to return the pointer to normal position when the feeding of the tape is stopped, said means comprising a spring secured to the machine and to the indicator.

On August 9, 1927, the appellant presented an application to the United States Patent Office, praying that a patent be issued to him for a claimed new and useful improvement in tape serving machines, and, on January 7, 1930, Letters Patent No. 1,742,603 were issued to him on said application. The application upon which this patent was issued was said to be a continuation in part of appellant's co-pending application, Serial No. 696,907, which was filed March 4, 1924, and which ripened into patent on August 9, 1927, as No. 1,638,816.

An interference was declared on December 19, 1930, between the said Letters Patent No. 1,742,603 of appellant, and a reissue application of the appellee, Serial No. 488,167, filed October 11, 1930, for a reissue of Patent No. 1,732,635, dated October 22, 1929, issued on an application dated October 12, 1925.

As the interference was originally declared, it consisted of three counts which were claims 1, 2, and 3 of Krueger's Patent No. 1,742,603. An application under rule 109 of the Patent Office for the addition of counts to the interference having been allowed, counts 4 and 5 were added to the interference by order of the Examiner on June 9, 1932. These counts were claims 4 and 5, respectively, of appellant's Patent No. 1,742,603. The interference was therefore redeclared with five counts, only two of which are now involved in this appeal, namely, counts 4 and 5. Afterwards, various motions, the consideration of which is not important to the issues here involved, were made by the parties and appear in the record. Among these was a further motion to amend the interference and to add a reissue application filed by Krueger, which motion was denied by the Examiner of Interferences. Then followed an untimely motion on the part of Krueger to dissolve the interference and to amend the same, and to add counts, which motion was also denied by the Examiner of Interferences. A petition was then filed with the Commissioner, by the appellee, to reformulate the issues of the interference, which was also duly denied by the Commissioner. Other motions were made and actions taken, a further recapitulation of which is deemed unnecessary.

Finally, testimony having been taken, the matter was argued and, on November 14, 1933, a decision of the Examiner of Interferences was rendered awarding priority of invention of the subject matter in issue on all counts to Ephraim H. Chabot, the appellee. Krueger afterwards made a motion to reopen the interference and take further testimony, which was denied.

An appeal was taken to the Board of Appeals by the party Krueger from the decision awarding

priority to Chabot, and, upon hearing, the Board of Appeals affirmed the decision of the Examiner of Interferences. From that decision, the appellant has brought the matter to this court.

In order to understand the exact issues presented, it will be necessary to detail, at considerable length, the substance of the decisions of the Patent Office tribunals. The Examiner of Interferences stated that the appellant Krueger, on April 15, 1931, had moved to shift the burden of proof in the interference, relying upon an earlier patent, No. 1,638,816, the application for which was filed March 4, 1924, as hereinbefore recited. The motion was denied without prejudice to its renewal at final hearing, and, on the hearing, Krueger reasserted his right to the benefit of his earlier case. The Examiner further states that the party Krueger, in presenting his "case" in Patent No. 1,742,603, with respect to the claims corresponding to the counts of the issue here, specifically pointed out to the Examiner wherein these claims did not read upon his earlier patent. This position, it is said, was taken in response to a final rejection by the Primary Examiner on the ground of double patenting. From this the Examiner of Interferences here deduces the conclusion: "Presumably its supposed validity constituted the basis for the allowance of the claims in the later case."

Following this conclusion, the Examiner of Interferences expressed doubt whether Krueger is not estopped to take an opposite position at this time, and held that the counts must be strictly construed in view of the former position taken by Krueger. The Examiner of Interferences was also of the opinion that Krueger's earlier patent, No. 1,638,816, did not support counts 1, 2, and 3 of the interference, because of a failure to disclose certain elements of the strip feeding means and indicator.

As to counts 4 and 5, the Examiner of Interferences made this statement:

> Counts 4 and 5 recite means to return the pointer to normal position when the feeding of the tape is stopped. In the early Krueger patent there is no mechanical relation between the return of the pointer and the termination of the tape feeding. In Fig. 6 of the later patent there is an invariable and mechanical relation between these operations. That is, when the upper feeding roller is raised, thus terminating tape feeding, the friction roller 200 is also raised allowing the clock spring 206 to return the pointer to initial position. But in the earlier Krueger construction no such relation exists. The termination of tape feeding and the return of the pointer are here independently controlled at the will of the operator, and the pointer is not necessarily returned upon termination of tape feeding. There is certainly no mechanism for effecting this result, and should it occur, it is due entirely to the sequence of operations which the operator elects to perform on the machine. In fact, in the normal machine operation frequently the pointer is not returned to normal position after a termination in tape feeding. For example, if twenty inches of tape are to be served, after sixteen or sixteen and one-half are issued the feeding is stopped and the tape is released. But the carriage and pointer are then only partially returned, not to normal position, but only far enough to make up the remaining few inches to be fed. The early Krueger patent does not support counts 4 and 5.

Its benefit was, therefore, denied to Krueger as to all counts in the interference.

The Examiner of Interferences also held that although Krueger had attempted to prove a conception and reduction to practice at earlier dates than those shown on behalf of the party Chabot, in his opinion such a showing had not been made; that while certain machines had been made by Krueger, notably one made and delivered to the National Carbon Company for experimental use in July, 1924, and others for the National Biscuit Company in 1923, these machines did not embody the subject matter of the counts here in issue, and said counts would not read upon the same. Finally, the Examiner of Interferences held that Chabot filed his application on October 12, 1925, and that even if the party Krueger be accorded conception of the invention as the result of his work on his modified Exhibit R machine, constructed in 1924, he could not prevail, because he was without diligence from Chabot's filing date of October 12, 1925, until Krueger himself filed in August, 1927.

A petition to reopen and for rehearing was filed by the party Krueger on February 3, 1934, and denied. This petition was accompanied by the affidavits of John E. Towner and Mills W. Waggoner. These affidavits attempted to supply the element of proof that the so-called Exhibit R was successfully operated during the summer of 1924. A motion for the reopening of the interference, and for the introduction of further evidence, was then offered and finally denied by a decision of the Board of Appeals on March 8, 1934. The matter then came up on its merits to be heard before the Board of Appeals, which affirmed the decision of the Examiner of Interferences. The Board of Appeals was of opinion that the Examiner of Interferences, in his decision, was influenced to a large extent by certain remarks made by counsel for the appellant in connection with an amendment of July 1, 1929, in the proceedings which ripened into Patent No. 1,742,603, and the Board further expressed the view that the appellant was now making a contention that the counts should be read so broadly as to read upon the disclosure of his earlier application for said Patent No. 1,638,816, whereas the Board makes note of the fact that said Patent No. 1,742,603 was granted because of appellant's suggestion made at that time to the Office that the subject matter disclosed in the application which ripened into Patent No. 1,742,603 was not the same as that disclosed in his earlier case. In view of this situation, the Board felt it was warranted in construing the counts strictly "in the light of those figures of the later Krueger patent drawings which do not appear in the earlier patent".

There is considerable discussion in the briefs to the effect that the party Krueger should not be now permitted to assert counts 4 and 5 because of a supposed estoppel arising from the concessions made by Krueger's representatives at the time said Patent No. 1,742,603 was in its earlier stages in the Patent Office. However, the Board of Appeals did not take the position that any such estoppel had arisen, but viewed the matter, as had the Examiner of Interferences, in the light that the said counts 4 and 5 do not read upon the disclosure made by Krueger in his earlier application leading to Patent No. 1,638,816. The Board of Appeals was also of opinion that Krueger had failed to prove that he had constructed any machine, prior to Chabot's entrance into the field, upon which said counts 4 and 5 will read. Especially was this thought to be true as to the machine referred to as Exhibit R which was made in 1924, and used by the National Carbon Company. This machine the Board considered and held to be an abandoned experiment. The Board also held specifically that if Krueger had conceived the invention which is involved in the issue here prior to Chabot's entrance into the field, he had been entirely without diligence during the necessary period to entitle him to priority. Finally, the Board of Appeals was of the opinion that the counts of the present interference are confined to the showing in Figure 6 of said patent, No. 1,742,603.

In a succeeding decision on a motion for rehearing rendered by the Board of Appeals on September 27, 1934, specific attention was given to counts 4 and 5, and the Board made this statement:

> Appellant points out as to counts 4 and 5 they are worded somewhat differently from counts 1, 2, and 3 in that they recite "a pointer movable on the dial in synchrony with the feeding of the tape." In counts 1, 2, and 3 there is recited means to move the strip feeding means and an indicator in synchrony. Appellant urges the expression in counts 4 and 5 is readable on the 1923 Krueger tape serving machine (Exhibit F). It is our view these expressions are closely related and if it be conceded, as it seems to be, our holding as to the expression in counts 1, 2, and 3 is proper, the same reasoning applies to the expression in counts 4 and 5. Obviously the strip feeding means and the strip itself move in unison and when the statement is made in one count the strip feeding means and the indicator are in synchrony and in another the indicator and the strip are moved in synchrony, there is no substantial distinction, as we view it. Therefore, if it is inappropriate in connection with the early Krueger constructions to refer to the strip feeding means and the indicator as moved in synchrony, it is also inappropriate to recite that the strip and the indicator are moved in synchrony.

The testimony of the party Krueger indicates that he began his work on a tape dispenser in 1917, in cooperation with his brother Alfred, and at that time produced a tape dispensing machine in which the tape was drawn from the roll across a moistener, manually. This machine was never produced or sold commercially. In 1923 Krueger's company began the delivery of a tape carton sealer with the trade name "Counterboy". This had a visual measuring scale on the side of the machine, immediately underneath the path of a pointer, which pointer was attached to a feed carriage, which gripped and impelled the tape through a moistener and out of the machine. These machines, of which there were several types as shown by samples in evidence, each consisted of a metal frame with an inclined top portion, in which tape from a roll held in the interior of the machine was led downward and at the bottom of the inclined portion passed under a cutter and over a moistening device. One of these machines is designated here as Exhibit 16. The method of operation was as follows: The feed carriage was mounted on two parallel rods on either side of the tape strip and had two gripping jaws which, upon manual depression of the feed carriage, gripped the forward end of the tape. A downward movement of the feed carriage then drew the tape along with the carriage. When a sufficient length of tape had been thus drawn through and out of the device, it was cut off and, upon release of the hand from the feed carriage, a spiral spring drew the carriage back to the place from which it started. On the left side of the feed carriage, and later on both sides thereof, a scale or scales was or were mounted upon the machine along which the pointer attached to the feed carriage moved, and by means of which the operator could visually ascertain what length of tape had been fed forward.

Krueger testifies that in 1923 he conceived the invention, the subject matter of the controversy here, and that this conception was of a motor driven machine operating upon a considerably different principle. One of these machines is in evidence, and is known as Exhibit R. This exhibit, it is said, was delivered to the Long Island City plant of the National Carbon Company on or about July 12, 1924, and was returned to Krueger on July 24, 1924. When this machine was delivered to the National Carbon Company, it had no measuring device thereon, except a scale upon the table supporting it, but, according to Krueger, such a device was put on within a short time after its return. As thus completed, it is said to have been of the same type and design as is illustrated by a drawing, Figure 6, in appellant's patent, No. 1,742,603. In this type of machine, the tape was fed by a strip feeder. The tape passed between the rollers, the lower one of which was continuously driven from a motor. The upper roll was journaled in an arm and suitably connected by a link to another arm which, upon being depressed, would draw the upper of the two rolls into contact with the lower constantly rotating roll, and as the gummed strip passed therethrough, frictionally engaged the tape and forced it to discharge through the machine. A foot treadle was provided for depressing the arm which controlled the feeding of the strip, and also actuated a cutting means. As soon as the operator's foot was raised from the foot treadle, the arm raised the upper roll and the feed stopped. Upon the outside of the machine, as shown by said Figure 6, a pointer and rotary dial was arranged. When the feed roller was depressed and came in contact with the tape, a friction roller mounted on the shaft of the upper feed roller also came into contact with the periphery of a disc at the side of the machine, and, at the moment when the tape began to be fed, the disc was moved forward relative to a scale and in synchrony with the feeding of the tape so that an arrow on the disc would indicate the amount of tape fed out at any time.

By means of a clock spring attached to the inner face of the disc, as soon as the feed roller was raised by the release of the foot pedal, the disc immediately returned to its first position.

In Krueger's first patent, No. 1,638,816, there is no disclosure of any measuring device or mechanism for returning the pointer to its original position, except that described as embodied in Exhibit 16 hereinbefore mentioned. In other words, Krueger's earlier patent depended for the return of its measuring pointer upon the manual release of the feed

carriage. This return had nothing to do with the feed of the strip. The strip, it is true, was drawn forward by the hand of the operator by means of the feed carriage. However, as we view it, it entirely failed to comply with the language of the counts in controversy, namely, "a pointer movable on the dial in synchrony with the feeding of the tape and *means to return the pointer to normal position when the feeding of the tape is stopped.*" [Italics ours.]

This brings us to a consideration of Krueger's application which ripened into Patent No. 1,742,608. Here in the specification, and drawings 1 to 4, inclusive, Krueger showed again his earlier disclosure of a dispensing machine. In Figures 5 to 7, inclusive, a motor driven machine was illustrated with the second method of operation, as hereinbefore described by us. In the specification, specific attention is given to both methods of operation. Here, also, for the first time, appear claims 4 and 5 which embody the particular matter in controversy here. It is made to appear from the proceedings before the Patent Office at that time that the Primary Examiner was of opinion that the issuance of Patent No. 1,742,603 would be double patenting, in view of Krueger's patent, No. 1,638,816. However, in view of Figure 6 of the appellant's drawings in the later case, and in view of counsel's express statement that the claims of this application read upon said Figure 6, and that said Figure 6 contained new and patentable subject matter, the application went to issue and Patent No. 1,742,603 was the result.

As we understand the matter, the Patent Office tribunals have not attempted to apply any estoppel as against Krueger, because of the suggestions which were made to the tribunals of the Patent Office at that time, in that respect. However, these suggestions, made at the time the later patent was issued, are cited as circumstances which throw light upon the meaning to be given to the claims of that patent, now counts of this interference.

As we view the matter, there is no ambiguity in counts 4 and 5 of the interference now before us. It seems quite apparent that there is no part of the specification in Krueger's earlier patent, or in his drawings therein, which discloses the subject matter of counts 4 and 5, nor is there anything in the disclosure in his later patent which does so, except Figures 5 and 6 thereof, and the specification referring thereto. In these earlier disclosures of Krueger, the tape was pulled forward until feeding was stopped and the pointer did not thereupon return to normal position. Something further had to be done, namely, the feed carriage must be released, and, when returned to its position, the pointer did also. In the later type of machine, however, the pointer returned immediately, as soon as feeding was stopped, and nothing further was necessary than to stop the feed. In the earlier type of machine the feeding could be progressive, down the entire inclined plane, and might consist of one or several impulses, but not until the conclusion of the last impulse, and the release and return of the carriage, did the pointer return to its normal position. With the second type of machine the pointer returned, irrespective of how many impulses were given the onward moving tape before it was finally severed and removed.

[2] These limitations may not be disregarded. Especially is that true when it seems quite evident that this must have been, and was, one of the principal reasons for the issuance of the second patent.

It was freely conceded by counsel for the appellant on the hearing before this court that if counts 4 and 5 did not read upon the earlier disclosure made by appellant's patent, No. 1,638,816, then the appellant was not entitled to priority. Irrespective of this concession, we are convinced that this is true. The record entirely fails to supply the preponderance of proof which is imposed upon Krueger as the junior party.

[3] The only machine which Krueger built prior to his filing date in 1927, which embodied the subject matter involved in counts 4 and 5, was the machine known as Exhibit R, and which was built for the National Carbon Company, as hereinbefore stated. It evidently was not satisfactory, and, after it was returned from the National Carbon Company, Krueger stated that it was fitted with a dial and pointer which would make it fully satisfy the language of said counts. Krueger and his brother Alfred testified that thereafter the machine was exhibited at the National Business Show held in October, 1925, and nothing was thereafter done with or about it until Krueger filed his application on August 9, 1927. In other words, Krueger made no attempt to commercialize his invention, if he had made one. There is no satisfactory proof in the record that this machine, as fitted with this measuring dial and pointer, was ever thoroughly tested or reduced to practice. We are in agreement with the conclusion of the Board of Appeals that it was, at best, an abandoned experiment, and was never reduced to practice until the constructive reduction brought about by Krueger's filing on August 9, 1927. Asked by counsel what was done after the alleged reduction to practice in 1924, this appears in the record:

> Q. 126. Were machines of the type of Exhibit R equipped with the measuring device such as shown in Figure 6 of your patent, No. 1,742,603, sold by your company?
>
> A. No. We discovered a patent which we felt might be a hindrance to our selling this machine since some of the claims in that patent might have been interpreted as reading on this device, and so we decided to take a loss on the expense incurred in building this model and began building another model which was subsequently put on the market.

It is also argued by counsel for Krueger that a second patent ought not to issue to Chabot, and that if it is true that Krueger's patent No. 1,742,603, is held to read only on Figure 6 of his drawings, Chabot cannot make the counts of this interference, and hence is not entitled to a patent. This question of law, as we understand it, is not here involved, there having been no motion to dissolve because of Chabot's inability to make the counts of the interference.

[4] We, therefore, conclude that the decision of the Board of Appeals should be and it is affirmed. The order is that the appeal in No. 3,623, and the appeal as to counts 1, 2, and 3 in No. 3,624 be dismissed. As to counts 4 and 5 in No. 3,624, the decision of the Board of Appeals is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE OSWALD

No. 3,633. *Decided June 1, 1936*

[83 F.(2d) 827]

PATENTABILITY—GOFFERED FILMS.

Claims for a goffered film *Held* unpatentable in view of a disclosure insufficient to comply with the requirements of Section 4888 R. S. (U. S. C., title 35, sec. 33.)

APPEAL from the Patent Office. Affirmed.

Mr. Arthur Wright and *Mr. J. Austin Stone* for Oswald.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

GARRETT, *J.*:

This appeal from a decision of the Board of Appeals of the United States Patent Office involves seven claims (being all the claims), numbered 32 to 38 of an application for patent entitled "For Goffered Films".

Claim 32 is quoted as illustrative of the subject matter:

> 32. In combination, a picture projecting means comprising an objective and a goffered film having lenticular hemicylindrical surfaces, each of which is 10 to 40% wider than the width of the lenticle required for the image of a goffering having lenticulations with an angular aperture corresponding to the objective angular aperture.

In the brief filed on behalf of appellant is found the following general statement:

> The subject matter of this invention, which was made in France, is very important in this art. This art relates to motion pictures in natural colors, taken on an ordinary type of film but which carries on one face thereof microscopically-small lenses, so as to photograph separately and accurately back of each lens, in black and white, the three complementary colors coming from a three-color-zone filter located at the objective, and which thus transmits to the film the complementary color components of the light from each point of the object photographed.

In the decision of the Board there is a more elaborate description, as follows:

> Appellant discloses a section of photographic film having microscopical lenticulations *l* separated by parts *t* on its front surface and a sensitive layer *g* on its rear surface. These lenticulations face a color selecting filter D in the diaphragm of a taking objective. These lenticulations correspond to a "number of lenses per millimeter 10 to 40% less than the number corresponding to the aperture of the picture taking objective." The Examiner does not seem to understand this quoted expression. The elements are stated as constructed and arranged in some manner that "if the number of microscopic lenses per millimeter of film as counted perpendicularly to the axis of the lenses, is small enough, or if the zone *c* is large enough, the image zones *s* will cover a restricted fraction of the surface corresponding to each microscopic lens and the useful light appertaining to each said lens will thus concentrate its effect on a more restricted surface".

The statement, "The Examiner does not seem to understand this quoted expression," in the above quotation was evidently based upon the following from the Examiner's statement:

> * * * These lenticulations correspond to a "number of lenses per millimeter 10 to 40% less than the number corresponding to the aperture of the picture taking objective" * * *, whatever that may be. * * *

We are unable to determine from the opinion written by the Board whether or not that tribunal professed to understand the expression. We can only remark that if it does understand it, it has a decided advantage of this court in that respect. Neither in the brief nor in the oral argument on behalf of appellant before us was the expression clarified to our satisfaction.

The Examiner rejected the claims on the ground that the alleged invention is not fully disclosed as required by R. S. 4888; 35 U. S. C. A. 33. Also, the Examiner held, in effect, that such definitions of structure as the claims do contain are not patentably different from prior art as disclosed in a patent to Albert Keller-Dorian, No. 1,214,552, of February 6, 1917. Another reference cited by the Examiner is a patent to Rodolphe Berthon, No. 1,600,923, issued September 21, 1926. This latter patent was held not to be anticipatory by the Board, and the Board correctly, we think, construed the Examiner's rejection as not being based upon the references but upon lack of disclosure. This ground of rejection the Board approved, saying:

> In our view the disclosure is not sufficient to present a proper definition of the alleged invention and whereas there may be novelty in applicant's construction, it is neither properly described nor claimed.

Before us it is insisted on behalf of appellant that his disclosure is sufficient to meet the requirements of the statute. We think, however, that the arguments as to this amount to a virtual concession that a complete disclosure cannot be found, except by considering the claims themselves as a part of the description.

It is said by the Solicitor for the Patent Office:

> What appellant says as to the claims being a part of the description is true enough, provided the claims are in the case when it was filed. There is nothing in this record, however, which shows that claims 32 to 38 here involved were in the case when it was filed, and hence nothing to show that they were a part of the *original* description. On the contrary, the action of the Examiner (R. 5) on claims 17 to 32 indicates that originally sixteen claims were presented, which were cancelled and replaced after the case was filed by the claims mentioned by the Examiner.
>
> Obviously, what was put into the case after it was filed is no part of the original disclosure, and it is upon the basis of the original disclosure that support must be found for the grant of a patent, *In re Kobeff*, 18 C. C. P. A. (Patents) 1326, 1931 C. D. 536; *In re Cogswell*, 18 C. C. P. A. (Patents) 1136, 1931 C. D. 369; *In re Bloch*, 20 C. C. P. A. (Patents, 1180, 1933 C. D. 523. [Italics quoted.]

The solicitor correctly states the law; so it must be held that, upon the showing made in this record, the claims on appeal cannot be looked to in determining the extent of appellant's description of structure.

We may add that it is doubtful whether, even taking the claims as a part of the description, the statutory requirement would be met. The statute requires "* * * a *written* description * * * in such full, clear, concise, and exact terms as to enable any person skilled in the art * * * to make, construct, compound, and use [the article]". [Italics ours.]

The Board, following the Examiner, points out that:

> * * * The aperture of the objective in which filter D is located has not been disclosed. It is not known how many lenticulations per millimeter are employed or what their radii of curvature may be. The thickness of the film is not mentioned and its index of refraction is unknown. The optical prescription of the elements of the device have thus not been specified so that zone *s* will be less than zone *c* or if zone *s* is less than zone *c* their relation to the lenticulations and to the objective is not disclosed so that the desired results will be obtained.

For certain of these features, as for example the

thickness of the films, the radius of curvature of the lenticulations and the index of refraction, it is practically conceded that the drawings alone must be relied upon. Unhappily for appellant, however, the drawings contain no figures or numbers which give or indicate dimensions, and so appellant is not in a position where he can evoke the alleged rule stated in the brief on his behalf, that—

> • • • it is well established that a feature shown in a drawing, if clear, is a full disclosure thereof even if not described.

Appellant's drawings do not meet the condition expressed in the highly important phrase, "if clear".

In our opinion, there was no error in the decision of the Board of Appeals and the same is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

THE PEPSODENT CO.

v.

COMFORT MANUFACTURING COMPANY

No. 3,863. Decided June 8, 1936

[83 F.(2d) 906]

1. TRADE-MARKS—OPPOSITION—PRIORITY—PROOFS.
   Record reviewed and *Held* to establish use of the trade-mark "Pepsodent" on dentifrices by opposer prior to the adoption and use by applicant of the trade-mark "Pearledent" on the same goods.

2. TRADE-MARKS—SIMILARITY.
   An applicant's right to the registration of a mark, which implies the exclusive right to use it, is not enlarged or changed by consideration of confusingly similar marks which have been registered.

3. SAME—SAME—"PEARLEDENT" AND "PEPSODENT".
   The term "Pearledent" as used on dentifrices *Held* confusingly similar to "Pepsodent" as used on the same goods.

APPEAL from the Patent Office. Reversed.

GARRETT, *J.*, dissenting.

Mr. Edward S. Rogers, Mr. William T. Woodson, Mr. Thomas L. Mead, Jr., Mr. James H. Rogers, and *Messrs. Brown & Phelps* for The Pepsodent Co.

Mr. Howard S. Neiman for Comfort Manufacturing Co.

BLAND, *J.*:

This is an opposition proceeding instituted in the United States Patent Office under the trade-mark act of 1905, as amended. The appellant, opposer, alleged in its notice of opposition that it and its predecessor, since May 6, 1915, have continuously used as a trade-mark for dentifrices the word "Pepsodent", and that it was the owner of the mark "Pepsodent" which was registered in the United States Patent Office on May 10, 1932; that the said registration covered dentifrices and antiseptics and that since October 23, 1929, the opposer has continuously used the trade-mark "Pepsodent" on antiseptics.

The appellee—applicant—Comfort Manufacturing Company, in its answer to the notice of opposition denied most of the allegations in the notice of opposition, including the statements therein contained that appellant had used its mark as alleged and that it was the owner thereof.

Appellant has here appealed from the decision of the Commissioner of Patents, which reversed the decision of the Examiner of Interferences, and dismissed appellant's opposition, the Examiner of Interferences having sustained the opposition.

In this court, the appellant states the sole issue in the case is whether or not the mark of the applicant "Pearledent" is confusingly similar to the appellant's mark "Pepsodent" when used upon identical goods—dentifrices.

Appellee has alleged use of its mark "Pearledent" on dentifrices since June 23, 1931, and has proven a use not earlier than September, 1931. Appellee's contentions here are first, that the marks are not confusingly similar; second, that the record shows more than fifty trade-marks for dentifrices which involve the suffix "dent", which means "tooth", and that although both marks begin with "Pe" and are approximately the same size and quite similar in style of type, one having nine and the other ten letters, they are not similar because the syllables "Pepso" and "Pearle" are wholly different in appearance, sound and meaning; third, that by reason of the great number of so-called "dent" marks registered and used on dentifrices, purchasers of toothpaste are careful purchasers, and that confusion under these circumstances is not likely; fourth, that the term "Pepso" signifies pepsin (although no pepsin is used in "Pepsodent" toothpaste), and the term "Pearle" signifies whiteness and brilliancy, and that purchasers associating these characteristics with the articles would not be misled or confused as to their origin, and fifth, that while opposer took the testimony of two witnesses, intimately associated with the Pepsodent Company, it has not proven, as was its duty, that it is the owner of the mark or that it used said mark on its goods prior to September, 1931, the date of appellee's earliest use of its mark.

As to the last contention, both tribunals found against appellees. The Commissioner commented on the somewhat uncertain character of opposer's testimony, but stated that "the attorney for the applicant company did not object to its insufficiency" during the taking of the testimony and that the same was received without objection and is uncontradicted and unimpeached and pointed out that the testimony was given by the employee of the opposer company responsible for handling the trade-marks of the company. He stated that he was inclined to the view that the testimony should be given sufficient probative value to establish ownership.

[1] We have carefully examined the record and we agree with the tribunals below that the record affords ample proof to show *prima facie* that appellant was the owner of the mark "Pepsodent", and used the same upon dentifrices in a trade-mark way prior to any date on which appellee claims to have used its mark. It would not be helpful to here quote and comment upon the various phases of the evidence which we think establish such use and ownership. It is sufficient to say that among the many different statements in the testimony which tend to prove the said use and ownership is the admission of William Martin Lyon, secretary and treasurer of the Comfort Manufacturing Company, the appellee, that at the time his company adopted its mark, he was aware of the fact that a dentifrice was being sold under the trade-mark "Pepsodent", and that he had seen the cartons and tubes used by the Pepsodent Company bearing the term "Pepsodent", and was familiar with the general design of the "Pepsodent" trade-mark. Moreover, appellee brought out on cross examination of appellant's witness Hoffman, certain advertising methods employed by the opposer Pepsodent Company since 1923. Furthermore, the record frequently makes reference to the opposer or the opposer's business in connection with the sale of "Pepsodent" from the date of taking the testimony back as far as 1917 and 1922, and on dates long prior to any time when appellee claims to have used its mark on similar goods. The record also shows that since August 19, 1929, the opposer, Pepsodent Company, has sponsored a radio program which program is called "Amos 'n' Andy".

Appellee in cross examining appellant's witnesses emphasized the fact that the Pepsodent Company in its early advertisements represented its toothpaste as containing pepsin, a digestant of albumen, as a special film-removing toothpaste, and that later in its advertisements it stated that there was no longer pepsin in its toothpaste. This last line of testimony was evidently intended to show the meaning which appellant had given the term "Pepso". Appellee then argues from these facts that the meaning of the terms "Pearle" and "Pepso" are wholly different. If it is admitted, as we think it is, that the opposer in advertising its "Pepsodent" toothpaste was explaining the meaning of the term "Pepso" many years before appellee adopted its mark, it is not clear to us how appellee can deny that appellant has established a use of its mark prior to that of appellee.

There is but one question left for decision: Are the marks confusingly similar when used upon identical goods?

Appellee stresses the fact that "Pearle" and "Pepso" differ in appearance, sound, and meaning and that the term "dent" formed a portion of at least fifty trade-marks, registered prior to appellant's registration, for use upon dentifrices, and that, since appellant filed its notice of opposition, there have been sold on the market at least 45 different "dent" trade-marked dentifrices. Appellee argues that appellant is not entitled to the sole use of the term "dent" or to prevent others from using it on the ground that confusion might result.

[2] We have frequently said that an applicant for the registration of a trade-mark does not strengthen his own case by pointing out a confusing similarity between trade-marks registered in the Patent Office which are not involved in applicant's proceeding. It has always been the view of this court that an applicant's right to the registration of a mark, which implies the exclusive right to use the same, is not enlarged or changed by a consideration of confusingly similar trade-marks which have been registered in the Patent Office. Appellee's argument, in effect, amounts to a contention that since there is already confusion by reason of Patent Office registrations and extensive use of the term "dent" in many marks, it should have the right to further add to the existing confusion. We do not think the registration statute was intended to promote such a condition as appellee, in effect, argues for. See *Sharp & Dohme* v. *Parke, Davis & Co.*, 17 C. C. P. A. (Patents) 842, 37 F.(2d) 960, 394 O. G. 545; *American Fruit Growers, Inc.* v. *Michigan Fruit Growers, Inc.*, 17 C. C. P. A. (Patents) 906, 38 F.(2d) 696, 393 O. G. 789; *Trustees for Arch Preserver Shoe Patents* v. *James McCreery & Co.*, 18 C. C. P. A. (Patents) 1507, 49 F.(2d) 1068, 410 O. G. 541. On this phase of the case, however, we wish to repeat here what we said in the last-cited case:

> We are not unmindful of the fact that, in proceedings in courts of equity relating to unfair competition and trade-mark infringement cases, the courts take cognizance of the situations created by numerous uses of resembling marks on similar characters of merchandise and, in adjusting the equities, give consideration to such situations. But *registration* is controlled solely by the statute. Section 5 of the trade-mark registration act of February 20, 1905, provides that marks:
>
> • • • which so nearly resemble a registered or known trade-mark owned and in use by another and appropriated to merchandise of the same descriptive properties as to be likely to cause confusion or mistake in the mind of the public or to deceive purchasers shall not be registered.
>
> The fact that a proposed mark may simulate many marks does not lessen its resemblance to any one of these many, and, if it be similar to another, in the sense of the law, the fact that it is also similar to several does not render it registerable. • • •

As we understand appellee's position, it is also to the effect that the registrations which it has placed in the record involving the term "dent" are properly in the record, and that they may be considered by this court on the question of whether or not, under such circumstances, confusion might result to purchasers as to the origin of appellee's "Pearledent" product. It is suggested that with so many "dent" marks in the field, one desiring to purchase "Pepsodent" would be put on his guard, and if he was desirous of obtaining opposer's goods and not the "dent" goods of another, he would naturally exercise care and caution in making his purchases and, therefore, under such circumstances, confusion, such as the statute seeks to prevent, would not be likely.

While recognizing that the equity courts have made use of arguments somewhat similar, we know of no court decision involving an appeal from the action of the Patent Office relating to registration where consideration was given to this kind of testimony. While it seems to be plausible to argue that some purchasers of so-called "dent" toothpaste would be likely to use more caution in making their purchases than most purchasers of goods of similar price and everyday use, it is also obvious that this would not apply to new purchasers of toothpaste who know nothing about the different kinds of goods sold under marks which have the so-called "dent" characteristics. We think the statute

was designed to prevent confusion to purchasers generally and not to one particular class of purchasers.

In *Lambert Pharmacal Co.* v. *Bolton Chemical Corporation*, 219 Fed. 325, the court spoke of "next year's" customers and used the following language:

> • • • There is always a fringe of possible customers, next year's for instance, with whom such opportunities are not to be disregarded, people who have heard vaguely the old name or seen it in advertisements and who fail to carry it with accuracy in their memory. • • • Among these confusion is eminently possible, and that possibility, if not a remote speculation, is quite enough. • • •

In determining the probability of confusion arising from the concurrent use of marks claimed to be confusingly similar, it has long been well established that the marks must be considered as a whole and not dissected as appellee seeks to do. *Estate of P. D. Beckwith, Inc.*, v. *Commissioner of Patents*, 252 U. S. 538, 545, 274 O. G. 613; *Celotex Co.* v. *Millington*, 18 C. C. P. A. (Patents) 1484, 49 F.(2d) 1053, 413 O. G. 279; *Apex Electrical Mfg. Co.* v. *Landers, Frary & Clark*, 17 C. C. P. A. (Patents) 1184, 41 F.(2d) 99, 398 O. G. 708.

We think the term "Pepsodent", as registered and used, bears a close resemblance, in sound and appearance, to appellee's mark. They are printed in substantially the same size and somewhat similar-shaped letters, one having nine letters and the other ten.

Like the goods in the case of *Lever Bros. Co.* v. *Riodela Chemical Corporation*, 17 C. C. P. A. (Patents) 1272, 41 F.(2d) 408, 398 O. G. 356, toothpastes are "inexpensive and are consumed in their use." In that case we said that the goods there involved were

> "of common everyday use in the household. • • • Purchasers therefore would not be expected to exercise such degree of care in their purchase as would be exercised in more expensive and rarely purchased articles."

[3] The marks being similar, and the goods being identical, we think that confusion to purchasers of goods upon which the two marks were concurrently used would be likely. Doubts, if any, should be resolved against the newcomer. Appellee's goods are of such character, and the circumstances relating to their sale and use are such, as appellant has pointed out, as to require the appellee to use great caution in selecting its mark for use upon them, if it wishes to indicate their origin and not to profit by confusion. It would seem that, under the circumstances, it should have adopted a mark more likely to have accomplished the purposes intended by the statute.

We are not here concerned with whether or not appellant's mark should have been registered. For the purposes of this proceeding we must assume that it was properly registered and is a valid trademark. *Revere Sugar Refinery* v. *Joseph G. Salvato*, 18 C. C. P. A. (Patents) 112, 48 F.(2d) 400, 400 O. G. 562; *E. Daltroff & Cie.* v. *V. Vivaudou, Inc.*, 19 C. C. P. A. (Patents) 715, 53 F.(2d) 536, 414 O. G. 7.

The Commissioner has pointed out that no actual confusion has been proved. While actual confusion is an important consideration, where proved, the issue of confusing similarity and the likelihood of resulting confusion may always be determined without resorting to any evidence of actual confusion. *The Procter & Gamble Co.* v. *J. L. Prescott Co.*, 22 C. C. P. A. (Patents) 1173, 77 F.(2d) 98, 459 O. G. 673.

The decision of the Commissioner of Patents is reversed.

Reversed.

GARRETT, *J.*, dissents, not regarding the marks as deceptively similar.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,336,292, S. Goodfriend, Bread pan; 1,443,095, F. Schultz, Multiple baking pan, filed Sept. 23, 1936, D. C., S. D. Ohio, W. Div., Doc. E 989, *The Lockwood Mfg. Co.* v. *The L. Weinberg Baking Co.*

1,421,756, C. Arnao, Massage apparatus; 1,982,904, Davis & Nielsen, Steaming apparatus; 1,982,905, R. E. Davis, Scalp steamer, filed Sept. 19, 1936, D. C. Minn., 4th Div., Doc. E 2944, *Larx Co., Inc.*, v. *Gibbs & Co.*

1,423,956, Mitchell & White, Tipless incandescent lamp, D. C., S. D. Calif. (Los Angeles), Doc. Z–44–H, *General Electric Co.* v. *International Lamp Co., Inc.* Dismissed without prejudice Sept 18, 1936.

1,443,095. (See 1,336,292.)

1,460,492, H. L. Latz, Communication sheet, filed Sept. 22, 1936, D. C., S. D. N. Y., Doc. E 83/366, *H. Latz et al.* v. *Carolyn Laundry.*

1,460,716, B. F. Greer, Book form savings bank, D. C. Calif. (San Francisco), Doc. E 3967–S, *B. F. Greer* v. *E. L. Erickson et al.* Injunction denied, suit dismissed Sept. 14, 1936.

1,581,188, C. G. Fink, Process of electrodepositing chromium and of preparing baths therefor, C. C. A., 2d Cir., Doc. 14706, *United Chromium, Inc.*, v. *General Motors Corp. et al.* Decree reversed (notice Sept. 21, 1936).

1,584,788, A. H. Maynard, Stapling machine; 1,591,986, same, Staple supporter for stapling machine, D. C., S. D. N. Y., Doc. E 70/370, *Boston Wire Stitcher Co.* v. *Bell Stationery Co., Inc.* Dismissed without prejudice (notice Sept. 16, 1936).

1,591,986. (See 1,584,788.)

1,665,745, A. S. Lang, Saxophone cord, filed Sept. 17, 1936, D. C., S. D. N. Y., Doc. E 83/362, *J. Schwartz* v. *Hygo Musical Products Co., Inc.*

1,682,585. (See 1,801,128.)

1,687,510, M. Pipkin, Electric lamp bulb, D. C., N. D. Ohio, W. Div., Doc. E 1265, *General Electric Co.* v. *Save Sales Co. et al.* Interlocutory decree set aside; cause reversed; patent held valid and infringed, injunction. Bill dismissed as to S. Ethinger Sept. 23, 1936.

1,713,628, R. E. Schletter, Attachment for flat knitting-machine, appeal filed Sept. 21, 1936, C. C. A., 2d Cir., Doc. —, *Textile Machine Works* v. *Louis Hirsch Textile Machines, Inc.*

1,753,716, J. M. Owen, Mixer for cement, D. C., S. D. Calif. (Los Angeles), Doc. E R–96–C, *J. M. Owen* v. *Rotary Oil Well Cementing Co.* Dismissed for want of prosecution Sept. 18, 1936.

1,801,128, 1,892,918, A. E. Waller, Finding for a clasp; 1,682,585, same, Pin stem point, D. C., S. D. N. Y., Doc. E 77/204, *A. E. Waller* v. *Metal Findings Corp. et al.* Consent decree as to Metal Findings Corp. and dismissed without prejudice as to United Engraving Works, Inc.

1,801,128. (See 1,892,918.)

1,802,629, F. C. Copeland, Cigarette delivery and lighting device; 1,838,363, same, Dispensing and lighting device, filed Sept. 16, 1936, D. C., S. D. N. Y., Doc. E 83/360, *F. C. Copeland et al.* v. *Telemotor Corp.*

1,838,363. (See 1,802,629.)

1,847,839, A. J. Kusel, Refrigerating apparatus assembly, C. C. A., 3d Cir., Doc. 5802, *H. Roberts* v. *General Electric Co.* Decree affirmed Sept. 19, 1936.

1,849,965, S. Switlik, Reinforcing for parachute shroud cord, filed Sept. 18, 1936, U. S. Court of Claims, Doc. 43423, *Switlik Parachute & Equipment Co. et al.* v *The United States.*

1,865,995, A. L. Wurster, Cravat holder, appeal filed Sept. 23, 1936, C. C. A., 2d Cir., Doc. —, *Wreal Cravat Holder Co., Inc., et al.* v. *Lordds, Inc., et al.*

1,867,070, H. Glascock, Automobile engine support, filed Sept. 19, 1936, D. C., N. D. Ohio, E. Div., Doc. 5511, *P. O. B. Mfg. Co., Inc.*, v. *The Ohio Rubber Co.*

1,892,918. (See 1,801,128.)

1,892,918, 1,801,128, A. E. Waller, Finding for a clasp, D. C., S. D. N. Y., Doc. E 83/341, *A. E. Waller* v. *M. Schuman.* Consent decree for plaintiff (notice Sept. 21, 1936).

1,934,492. (See Re. 19,070.)

1,964,381, C. A. Dearborn, Work supporting means for sewing machines, filed Sept. 16, 1936, D. C., S. D. N. Y., Doc. E 83/361, *Lewis Invisible Stitch Machine Co.* v. *Columbia Blindstitch Machine Mfg. Corp.*

1,982,904. (See 1,421,756.) 1,982,905. (See 1,421,756.)

2,005,361, Rollins & Dobbs, Cap, appeal filed Sept. 23, 1936, C. C. A., 2d Cir., Doc. —, *G. D. Rollins et al.* v. *Liggett Drug Co., Inc.*

2,047,378, J. F. Martin, Motor vehicle exhaust pipe extension, filed Sept. 22, 1936, D. C., N. D. Ohio, W. Div., Doc. E 1567, *The Bellevue Mfg. Co.* v. *The Western Auto Supply Co.*

Re. 19,070, H. Chretien, Autocollimating reflector and application to optical signaling and night advertising; 1,934,492, A. Garbarini, Autocollimating reflector, filed June 5, 1936, D. C., S. D. N. Y., Doc. E 80/296, *Libbey Cataphone Corp. v. Horni Signal Mfg. Co.*

Des. 93,651, Des. 95,905, O. Friedman, Hat, filed Sept. 21, 1936, D. C., S. D. N. Y., Doc. E 83/365, *O. Friedman, Inc.*, v. *Franklin Simon & Co., Inc.*

Des. 93,717, Des. 98,163, Des. 98,397, D. J. Howard, Design for circulation heater, filed Sept. 18, 1936, D. C., E. D. Tenn. (Chattanooga), Doc. E 202, *Quaker Mfg. Co.* v. *Samuel Stamping & Enameling Co.*

Des. 94,662, W. R. Buxton, Flexible pocket receptacle, D. C., S. D. N. Y., Doc. E 82/316, *W. R. Buxton* v. *Gimbel Bros., Inc.* Consent order dismissing cause without prejudice (notice Sept. 21, 1936).

Des. 95,905. (See Des. 93,651.)

Des. 98,163. (See Des. 93,717.)

Des. 98,397. (See Des. 93,717.)

Des. 99,392, M. Hirsh, Coat, filed Sept. 17, 1936, D. C., S. D. N. Y., Doc. E 83/363, *M. Hirsh* v. *Siegel Bros. Kiki Maid Koats, Inc.* Same, filed Sept. 23, 1936, D. C., S. D. N. Y., Doc. E 83/368, *M. Hirsh* v. *Ellis Coat Co., Inc.* Doc. E 83/369, *M. Hirsh* v. *Lieberman-Sandhaus Corp.*

Changes in Classification

Order No. 3375, October 28, 1936, directs:

In *class 234, Recorders* (Division 23), abolish the following subclasses with their definitions:

5.7 **Sphygmographs.**
7 **Anemometer.**
8 **Cartographic.**
28 **Specific gravity.**
Volume
34.5 Electric.
35 Meter readings.

The patents formerly contained in these subclasses have been placed in the new subclasses established in class 234, Recorders, by this order, or in other classes, substantially as follows:

Class 73. Measuring and Testing, subclasses 2 and 55;
Class 128, Surgery, subclass 2.05, established in this order;
Class 265, Force-Measuring, subclasses 2, 45 and 46.

In *class 234, Recorders* (Division 23), at the end of the class, establish the following subclasses and definitions:

58 **Meter readings.**
59 **Chemical**
60 Photographic
61 Oscillographs.
62 **Thermal.**
63 **Perforating**
64 Disruptive electric spark.
65 **Plural record**
66 Plural marker,
67 Single marker.
68 **Intermittent record.**
69 **With follow-up.**
70 **Marker**
71 Reciprocating,
72 Pivoted,
73 With inking means.
74 **Record receiver**
75 Disk,
76 Strip
77 Drum.

58. Devices whereby the reading of a gas, water, electric or other meter may be transferred to a record receiver.

Note.—For electric or volume recording meters wherein more than a means for taking off a reading is included, see this class, subclasses 5.5 or 34, respectively.

59. Recorders wherein the permanent record is produced by chemical action. This action may be induced electrochemically or by actinic rays.

(1) Note.—See this class, subclass 62, for recorders wherein a permanent record is made by the application of heat to a chemically treated record sheet.
(2) Note.—For record paper treatment, see class 92, PAPER MAKING AND FIBER LIBERATION.
(3) Note.—For telegraphic transmission systems employing chemical recording, see class 178, TELEGRAPHY, subclass 62.
(4) Note.—For electrochemical processes or compositions broadly, see class 204, ELECTROCHEMISTRY.

60. Recorders under subclass 59 wherein the record is made upon a photo-sensitive record receiver.

(1) Note.—For cameras and photographic accessories of general application, see class 95, PHOTOGRAPHY.
(2) Note.—For photographic receivers for telegraphic signals, see class 178, TELEGRAPHY, subclass 90.

61. Devices under subclass 60 for photographically recording high speed cyclic or recurrent phenomena such as alternating current fluctuations.

Note.—For galvanometer structure for oscillographs wherein no structure for making a permanent record is included, see class 171, ELECTRICITY, GENERATION, subclass 95.

62. Recorders wherein a marker produces a permanent record upon the record receiver by the action of heat.

Note.—For telegraphic recording receivers employing pyrography, see class 178, TELEGRAPHY, subclass 94.

63. Recorders wherein the record is produced by perforation of the record receiver.

(1) Note.—For punching means per se, see the appropriate subclasses of class 164, CUTTING AND PUNCHING SHEETS AND BARS.
(2) Note.—For telegraphic perforating recorders, see class 178, TELEGRAPHY, subclass 92.

64. Recorders under subclass 63 wherein the perforation is produced by a disruptive electric spark.

65. Recorders having provision for making more than one record. The records may be made separately or upon the same record receiver, and they may be records of the same or different quantities.

(1) Note.—For recorders combined with other structures wherein a combined record is made, see this class, subclass 6.
(2) Note.—For recorders wherein more than one record is made photographically, see this class, subclass 60.

66. Recorders under subclass 65 having a plurality of marker elements.

Note.—For multiple pen facsimile recorders, see class 178, TELEGRAPHY, subclass 8, and indented subclasses.

67. Recorders under subclass 65 wherein the plural records are made by a single marker which intermittently responds to the several conditions to be recorded.

Note.—For devices for intermittently making a single record, see this class, subclass 68.

68. Recorders wherein the record is made by intermittent coaction of the marker and record receiver. This subclass includes devices wherein the marker continuously rotates or oscillates over the record receiver and is intermittently caused to coact therewith.

(1) Note.—Search this class, subclass 67, for devices for intermittently making a plurality of records.
(2) Note.—Search this class, subclass 60, for intermittent recorders of the photographic type.
(3) Note.—Search this class, subclasses 63 and 64, for intermittent recorders of the perforating type.

69. Recorders wherein the marker or record receiving element is moved by mechanism which follows the motion of a pointer or other element which responds to the condition to be recorded but is not directly driven thereby.
Note.—For electrical telemetric signaling systems employing follow-up devices, see class 177, ELECTRIC SIGNALING, subclass 351.

70. Improvements in the marker portion of a recorder. This subclass includes the structure of the marker per se, as well as its mounting and/or the mechanical movement for actuating it. Patents wherein the record receiver is also claimed are here included and cross-referenced to the proper record receiver subclass.
(1) Note.—For markers with follow-up means, see this class, subclass 69.
(2) Note.—For multiple markers, see this class, subclass 66.
(3) Note.—For intermittent markers, see this class, subclasses 67 and 68.
(4) Note.—See this class, subclass 24, for connections between an engine and a marker.

71. Devices under subclass 70 wherein the marker reciprocates rectilinearly over the record receiver.

72. Devices under subclass 70 wherein the marker carrier is pivotally mounted for rotation or oscillation over the record receiver.
Note.—For pivoted indicating pointer structures, see class 116, SIGNALS AND INDICATORS, subclass 129.

73. Devices under subclass 70 wherein particular means for inking the marking element is claimed.
(1) Note.—For pen structure and ink feeding means broadly, see class 120, STATIONERY, subclasses 42 and 113, and indented subclasses.
(2) Note.—For inking devices for telegraphic receivers, see class 178, TELEGRAPHY, subclass 96.

74. Improvements in the record receiving element of a recorder. This subclass includes the structure of the receiver per se as well as its mounting, guiding means, and/or the mechanical movement whereby it is actuated.
(1) Note.—For record receivers with follow-up devices, see this class, subclass 69.
(2) Note.—For receivers for electric watchmen's time recorders, see this class, subclass 37.6.
(3) Note.—For devices wherein only the means for attaching to a support and stretching the record sheet is claimed, see class 101, PRINTING, subclass 415.1.

75. Devices under subclass 74 wherein the receiver is in the form of a disk.
Note.—For disk type pressure recorders, see this class, subclass 19.

76. Devices under subclass 74 wherein the receiver is in the form of a movable strip.
(1) Note.—For photographic recorders employing sensitized strips or films and feeding mechanism therefor, see this class, subclasses 60 and 61.
(2) Note.—For sheet and web feeding broadly, see class 271, SHEET OR WEB FEEDING OR DELIVERING. See also class 242, WINDING AND REELING, particularly subclass 55, and indented subclasses.

77. Devices under subclass 76 wherein the strip is fastened to the periphery of a drum or cylinder.
(1) Note.—For drum type recorders in combination with structure for recording a particular function, see this class, subclasses 20, 23, 56, and 57.
(2) Note.—For devices for attaching a sheet to a drum and stretching it, see class 101, PRINTING, subclass 415.1.

The patents contained in these subclasses have been taken for the most part from the various subclasses of class 234, Recorders, particularly subclasses 1, 1.5, and 35.

In *class 128, Surgery* (Division 55), establish the following subclass and definition:

Diagnostics

2.05 Cardiac.

2.05. Devices under subclass 2 for investigating the action of the heart. This subclass includes cardiographs and electrocardiographs as well as their combination with means for simultaneously measuring and/or recording other conditions of the body, such as respiration, temperature, etc.
(1) Note.—For tourniquets per se, for use in cardiac investigation, see this class, subclass 327.
(2) Note.—For devices for measuring blood pressure alone, see class 73, MEASURING AND TESTING, subclass 44.
(3) Note.—For recorder structure per se, see class 234, RECORDERS.

The patents contained in this subclass have been taken for the most part from class 234, Recorders, subclass 5.7, abolished in this order, and from class 73, Measuring and Testing, subclass 44.

In *class 234, Recorders* (Division 23), make the following changes in the definitions:

Add to the class definition the following notes:
Note.—For cardiographs and electrocardiographs, see class 128, SURGERY, subclass 2.05.
Note.—For telegraphic recording systems and telegraphic facsimile transmission and recording systems, see class 178, TELEGRAPHY, subclass 2, and indented subclasses;

In subclass 5.5 add the following note:
Note.—For devices for recording the readings of electric meters, see this class, subclass 58;

In subclass 6 add the following note:
Note.—For recorder structure per se for making a multiple record, see this class, subclasses 65, 66 and 67;

and in subclass 34 add the following notes:
Note.—For devices for recording readings of volume meters, see this class, subclass 58.
Note.—For volume or rate of flow meters significantly claimed in combination with recording means, see class 73, MEASURING AND TESTING, subclass 194, and indented subclasses.

TRADE-MARKS

OFFICIAL GAZETTE, NOVEMBER 10, 1936

[VOL. 472. No. 2]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly-Prepared Materials

Ser. No. 376,373. MEYER BELINSON, Buffalo, N. Y. Filed Mar. 25, 1936.



The words "Gold Medal", "First Quality Anthracite", "Coal", and "Supreme in Quality and Economy" are disclaimed apart from the mark as shown.
For Coal and Coke.
Claims use since January, 1934.

Ser. No. 382,474. ISLAND CREEK COAL SALES COMPANY, Cincinnati, Ohio. Filed Aug. 22, 1936.



The word "Black" is disclaimed.
For Coal.
Claims use since Aug. 4, 1936.

Ser. No. 382,727. SOUTHEASTERN CLAY COMPANY, Aiken, S. C. Filed Aug. 29, 1936.

CROWN CLAY

The word "Clay" is disclaimed apart from the mark as shown.
For Clay.
Claims use since Dec. 21, 1931.

Ser. No. 383,447. RUHMANN GRAIN & SEED COMPANY, Waco, Tex. Filed Sept. 19, 1936.

R-Co

For Field and Garden Seeds.
Claims use since July 15, 1936.

Ser. No. 383,448. RUHMANN GRAIN & SEED COMPANY, Waco, Tex. Filed Sept. 19, 1936.

Ruanco

For Field and Garden Seeds.
Claims use since July 28, 1936.

Ser. No. 383,449. RUHMANN GRAIN & SEED COMPANY, Waco, Tex. Filed Sept. 19, 1936.

Ruco

For Field and Garden Seeds.
Claims use since July 28, 1936.

CLASS 2

Receptacles

Ser. No. 376,200. GRAND RAPIDS FIBRE CORD CO., doing business as Sackner Bag Co., Grand Rapids, Mich. Filed Mar. 20, 1936.

SACKNET

The word "Sack" apart from the word "Net" and the word "Net" apart from the word "Sack" are disclaimed.
For Sacks or Bags Made of Open Mesh Paper Cord for Use in the Packaging and Sale of Produce.
Claims use since Feb. 12, 1936.

Ser. No. 376,946. DEAN & SHERK CO., INCORPORATED, Lawrenceburg, Ky. Filed Apr. 8, 1936.

U-NEEK PAK

The word "Pak" apart from the mark shown is disclaimed.
For Container for Sewing Thread Constructed of Rigid Material and in the Order of a Box.
Claims use since Feb. 11, 1936.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 379,150. R. R. STREET & CO. INC., Chicago, Ill. Filed June 1, 1936.

MILO

For Dry Cleaning Soap.
Claims use since 1907.

Ser. No. 379,831. THE CUYAHOGA MERCHANDISING COMPANY, Cleveland, Ohio. Filed June 17, 1936.

SAVO

For Cleaning Compound for Removing Dirt and Other Impurities, and Cleaning Floors, Carpets and Rugs, Sinks, Tubs, Enameled Tile and Painted Surfaces, and Clothing.
Claims use since August, 1935.

Ser. No. 383,364. LUPOMATIC TUMBLING MACHINE CO., INC., New York, N. Y. Filed Sept. 17, 1936.

LUPOMATIC

For Tumbling, Burnishing, and Polishing Compounds, Polishing Creams, Pegs, Chips, and Steel Balls for Burnishing.
Claims use since December, 1933.

Ser. No. 383,435. S. H. KRESS AND COMPANY, New York, N. Y. Filed Sept. 19, 1936.

DART

For Auto Top Dressing, Oil Stones, Sand Paper, Razor Strops, Razor Hones, Emery Cloth, Emery Paper, Carpet Cleanser, Metal Polish, Nickel Polish, Brass Polish, Stove Polish, Shoe Polish, Cleaning Fluid for Clothes, Soaps, Soap Powders, Laundry Soaps, Toilet Soaps, Mechanic's Cleansing Hand Paste Containing Gritty Material, and Toilet Bowl Cleanser.
Claims use since Nov. 1, 1932.

Ser. No. 383,782. MAURICE E. PROCTOR, doing business as Proctors Products Co., New Haven, Conn. Filed Sept. 29, 1936.

FULL DRESS



For Shaving Cream.
Claims use since Sept. 19, 1936.

Ser. No. 383,816. PARFUMS DUVÉE, INC., New York, N. Y. Filed Sept. 30, 1936.

NAPZOL CLEANING CRYSTALS

The words "Cleaning" and "Crystals" apart from the mark shown are disclaimed.
For Cleaning Compound for Fabrics, Dishes, and Floors.
Claims use since June 19, 1936.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 370,703. GEIGY COMPANY, INC., New York, N. Y. Filed Oct. 23, 1935.

GYCOTAN

For Chemicals Adapted for Tanning Materials and Chemical Products Suitable for Tanning Purposes.
Claims use since Sept. 27, 1935.

Ser. No. 378,968. AMERICAN SAND-BANUM CO. INC., New York, N. Y. Filed May 28, 1936.

SAND BANUM

For Boiler Scale Compounds.
Claims use since Feb. 1, 1926.

Ser. No. 379,053. PARFUMERIE ST. DENIS, New York, N. Y. Filed May 29, 1936.

EAU DE COLOGNE ROYALE

The words "Eau de Cologne" apart from the mark as shown are disclaimed.
For Cologne.
Claims use since 1926.

Ser. No. 379,766. SAPROCHI S. A., Geneva, Switzerland. Filed June 15, 1936.



The word "Magnesia" is disclaimed apart from the mark as shown.
For Magnesia.
Claims use since Apr. 1, 1936.

Ser. No. 380,747. RALPH BELL, San Francisco, Calif. Filed July 8, 1936.

CHEMO-VAC

For Chemical Preparation for Indicating the Presence of Carbon Dioxide, Carbon Monoxide, etc.
Claims use since Mar. 24, 1936.

Ser. No. 381,121. PETER CHARLES NAIL POLISH CO., New York, N. Y. Filed July 17, 1936.

PETER CHARLES THE FINGER NAIL PROTECTOR

The words "Finger Nail Protector" apart from the mark shown are disclaimed.
For Finger Nail Preparation.
Claims use since June 22, 1936.

Ser. No. 381,218. PROTECTION PRODUCTS MANUFACTURING COMPANY, Kalamazoo and Detroit, Mich. Filed July 20, 1936.

STORMY WEATHER WATERPROOFING

The word "Waterproofing" apart from the mark as shown is disclaimed.
For Chemical Solution for Waterproofing and Preserving Canvas and Other Fabrics, or Anything Made of Such Materials.
Claims use since May 15, 1936.

Ser. No, 381,252. THE AM-BRO COMPANY, Lawton, Okla. Filed July 21, 1936.

BROWN'S. NOSOPEN

For Preparation for the Relief of Hay Fever, Asthma, and Head Colds.
Claims use since March, 1936.

Ser. No. 381,896. JOHN J. LAUB, doing business as Laub Rat-Kiss Co., Pekin, Ill. Filed Aug. 8, 1936.

LAUB'S RAT KISS

For Preparation to Kill Rats and Mice.
Claims use since Oct. 1, 1934.

Ser. No. 382,435. BLANCHE MCQUILLER, doing business as Blanche's Tuf Aid, Chicago, Ill. Filed Aug. 21, 1936.



Blanche's Tuf Aid (tough)

The word "Tough" apart from the mark as shown is disclaimed.

For Preparation for Toughening Fabrics.

Claims use since June 25, 1936.

Ser. No. 382,654. JOHN E. AWAD, doing business as John E. Awad Chemical Co., Newark, N. J. Filed Aug. 28, 1936.

Stilsilver

For Carroting Composition for Treating Furs.

Claims use since Aug. 3, 1936.

Ser. No. 382,799. WILLIAM FREDERICK KOCH, doing business as Koch Laboratories, Detroit, Mich. Filed Sept. 1, 1936.

MALONIDE

For Preparation Used in the Treatment of Cancer, Tuberculosis, Diabetes, Toxic Goiter, and Infantile Paralysis.

Claims use since Aug. 10, 1936.

Ser. No. 382,814. TENNESSEE EASTMAN CORPORATION, Kingsport, Tenn. Filed Sept. 1, 1936.

ST-115

For Denaturant for Ethyl Alcohol.

Claims use since July 3, 1936.

Ser. No. 382,849. CLARENCE ACTON WILSON, doing business as The Wilmont Co., New York, N. Y. Filed Sept. 2, 1936.

DERMASUL

For Veterinary Preparation for the Treatment of Animal Skin Disorders Comprising an Emulsified Oil Base Containing Colloidal Sulphur and a Non-Toxic Antiseptic.

Claims use since October, 1934.

Ser. No. 382,850. CLARENCE ACTON WILSON, doing business as The Wilmont Co., New York, N. Y. Filed Sept. 2, 1936.

PARATOX

For Veterinary Preparation for the Treatment of Animal Skin Disorders Comprising an Emulsified Oil Base Containing Colloidal Sulphur and a Non-Toxic Parasiticide and Fungicide.

Claims use since March, 1936.

Ser. No. 382,858. BRIX-IMPEXO CORPORATION, Chicago, Ill. Filed Sept. 3, 1936.

CHOLOGAHM

For Concentrate of Fruit, Treated by a Secret Process and Intended for Internal Use for the Treatment of Certain Glandular Ills of the Human Body.

Claims use since Aug. 1, 1936.

Ser. No. 382,859. BRIX-IMPEXO CORPORATION, Chicago, Ill. Filed Sept. 3, 1936.

BRIX SUPER-MAGH

For Concentrate of Fruit Treated by a Secret Process and Intended for Internal Use for the Treatment of Certain Glandular Ills of the Human Body.

Claims use since Aug. 1, 1936.

Ser. No. 382,860. BRIX-IMPEXO CORPORATION, Chicago, Ill. Filed Sept. 3, 1936.

MAGAHMI

For Concentrate of Fruit Treated by a Secret Process and Intended for Internal Use for the Treatment of Certain Glandular Ills of the Human Body.

Claims use since Aug. 1, 1936.

Ser. No. 382,869. GENERAL COSMETICS CORPORATION, New York, N. Y. Filed Sept. 3, 1936.

CAPITOL

For Tooth Paste.

Claims use since Aug. 10, 1936.

Ser. No. 382,881. GUSTAVE NAPOLEON, doing business as Napco Products Company, Trenton, N. J. Filed Sept. 3, 1936.

GRANGER "77"

For Insecticides.

Claims use since Jan. 2, 1936.

Ser. No. 382,888. MRS. JAMES S. ROBINSON, doing business as James S. Robinson, Apothecary, Memphis, Tenn. Filed Sept. 3, 1936.

KAREN

For Tonic Preparation for Use in the Treatment of Diseases of the Colon.

Claims use since March, 1934.

Ser. No. 382,968. THE UPJOHN COMPANY, Kalamazoo, Mich. Filed Sept. 5, 1936.

Imbicoll

For Medicinal Preparation for the Treatment of Constipation.

Claims use since July 16, 1936.

Ser. No. 382,969. THE UPJOHN COMPANY, Kalamazoo, Mich. Filed Sept. 5, 1936.

Nutrachloric

For Medicinal Preparation for the Treatment of Peptic Ulcer.

Claims use since Mar. 10, 1936.

Ser. No. 383,030. NOWAK MILLING CORPORATION, Hammond, Ind. Filed Sept. 8, 1936.

SOY-O-CIDE

The word "Soy" apart from the mark shown is disclaimed.

For Solution for Spraying Live Stock.

Claims use since Aug. 25, 1936.

Ser. No. 383,141. S. M. LABORATORIES, INC., Seattle, Wash. Filed Sept. 11, 1936.



For Emmenagogue.

Claims use since Apr. 25, 1932.

Ser. No. 383,151. BEN KNOWLTON VAN KORN, doing business as The Vanis Company, Philadelphia, Pa. Filed Sept. 11, 1936.

VANIS

For Astringents, Astringent Cerates, Beauty Creams, Bleach Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Vanishing Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Face Bleaches, Face Packs, Skin Whitener in Liquid and Solid Forms, Eyebrow and Eyelash Grower, Eye Drops, Eye Lotions, Eyebrow Pencils, Chemical Preparations Suitable for the Darkening of Eyelashes and Eyebrows, Hand Lotions, Skin Lotions, After Shaving Lotions, Styptic Pencils, Pomades, Face Powders, Body Powders, Sachets, Hair Salves, Hair Elixirs, Dandruff Preparations, Hair Tonics, Hair Oils, Shampoos, Hair Dyes, Bath Salts, Bath Oils, Bath Powders, Bath Crystals, Smelling Salts, Lip Sticks, Incense, Tooth Powders, Mouth Washes, Dentifrices, Tooth Pastes, Depilatories, Nail Creams, Nail Powders, Nail Bleaches, Nail Polishes, Nail Polish Removers, Witch Hazel, Peroxide, Petroleum Jellies, Witch Hazel Salves, Camphor Creams, Foot Powders, Corn Salves, Deodorants, Disinfectants, Bay Rum, Perfumes and Toilet Waters.

Claims use since 1919.

Ser. No. 383,178. PARFUMS LENGYEL, LTD., Dover, Del., and New York, N. Y. Filed Sept. 12, 1936.

Gift of An Empress

For Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Face Bleaches, Face Packs, Skin Whitener in Liquid and Solid Forms, Eyebrow and Eyelash Grower, Eye Drops, Eyebrow Pencils, Hand Lotions, Skin Lotions, After Shaving Lotions, Pomades, Face Powders, Talcum Powders, Body Powder, Chemical Preparations Suitable for the Darkening of Eyelashes and Eyebrows, Sachets, Hair Salves, Hair Elixirs, Dandruff Preparations, Hair Tonics, Hair Oils, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lip Sticks, Incense, Tooth Powders, Mouth Washes, Dentifrices, Depilatories, Tooth Pastes, Nail Powder, Nail Creams, Nail Polishes, Nail Bleaches, Witch Hazel, Peroxide, Petroleum Jellies, Witch Hazel Salves, Camphor Creams, Foot Powders, Corn Salves, Deodorants, Bay Rum, Perfumes and Toilet Waters.

Claims use since June 30, 1936.

Ser. No. 383,189. TOKALON CHEMICAL CORPORATION, New York, N. Y. Filed Sept. 12, 1936.

NEAL'S BEAUTY PEARLS

For Toilet Preparation Used as a Skin Beautifier.

Claims use since Aug. 14, 1936.

Ser. No. 383,214. LOYD'S OF AMERICA, Camden, N. J. Filed Sept. 14, 1936.

ALKAVESCENT

For Effervescent Alkalizing Tablets Containing Acetylsalicylates, Citrates, and Carbonates, for the Relief of Sour Stomach, Heartburn, Simple Headache, Minor Colds, Neuralgia, Muscular Aches, and Minor Throat Irritations.

Claims use since Sept. 27, 1935.

Ser. No. 383,353. ROMAN A. CZACHORSKI, doing business as Ulco Laboratories, Flint, Mich. Filed Sept. 17, 1936.

ULCO

For Preparation for the Relief of Acid Stomach, Heartburn, Sour Stomach, Belching, and Excessive Gastric Acidity Indicative of Stomach Ulcers.

Claims use since Aug. 10, 1936.

Ser. No. 383,784. MAURICE E. PROCTOR, doing business as Proctors Products Co., New Haven, Conn. Filed Sept. 29, 1936.



The words "Dental Cream" apart from the mark shown is disclaimed. The drawing is lined for blue and red.

For Dental Cream.

Claims use since Sept. 19, 1936.

CLASS 7

Cordage

Ser. No. 377,773. MANUEL ZAPATA CASARES, Yucatan, Mexico. Filed Apr. 29, 1936.



The representation of the goods, except in the association with the mark as shown, is disclaimed.
For Binder Twine, Rope, and Cords.
Claims use since Feb. 26, 1934.

CLASS 12

Construction Materials

Ser. No. 381,186. THE ART MOSAIC & TILE COMPANY, Toledo, Ohio. Filed July 20, 1936.

ARMORITE

For Ingredients for Terrazzo and Mosaic Surface Structures Embodying Dividing Bars, Screed Strips, Symbols, and Designs Therebetween for Pavements, Floors, Mop Boards, Chair Rails, and Wall Portions.
Claims use since March, 1934.

Ser. No. 381,325. SOCIÉTÉ GÉNÉRALE DES CIMENTS PORTLAND DE L'ESCAUT, SOCIÉTÉ ANONYME, Antoing, near Tournai, Belgium. Filed July 22, 1936.



The word "Brand" apart from the mark shown is disclaimed.
For Portland Cement.
Claims use since Jan. 1, 1896.

Ser. No. 382,821. CHAMBERLAIN METAL WEATHER STRIP COMPANY, Detroit, Mich. Filed Sept. 2, 1936.

CHAMBERLIN ROCK WOOL HOME INSULATION

No claim is made to the words "Rock Wool" and "Home Insulation" apart from the mark as shown. Applicant is the owner of Reg. No. 86,784.
For Rock Wool Used as an Insulation for Buildings, Particularly Residential Buildings.
Claims use since May 21, 1936.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 353,622. WAGNER ELECTRIC CORPORATION, St. Louis, Mo. Filed July 7, 1934.

NōRōL

For Clutch-Operated Fluid Brake Control Valves for Vehicles.
Claims use since June 21, 1930.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 374,067. ISRAEL W. WILENCHIK, doing business as Metallurgical Products Company, Philadelphia, Pa. Filed Jan. 24, 1936.



For Metals, Metal Castings, and Metal Alloys—Namely, Nickel, Chrome, Molybdenum, Manganese, Copper, Tin, Antimony, Lead, Zinc, Aluminum, Vanadium, Bismuth, Tungsten, Iron, Cobalt, and Cadmium.
Claims use since Jan. 1, 1933.

Ser. No. 374,068. ISRAEL W. WILENCHIK, doing business as Metallurgical Products Company, Philadelphia, Pa. Filed Jan. 24, 1936.



For Metals, Metal Castings, and Metal Alloys—Namely, Nickel, Chrome, Molybdenum, Manganese, Copper, Tin, Antimony, Lead, Zinc, Aluminum, Vanadium, Bismuth, Tungsten, Iron, Cobalt, and Cadmium.
Claims use since Jan. 1, 1933.

Ser. No. 375,184. WEIRTON STEEL COMPANY, Weirton, W. Va. Filed Feb. 24, 1936.



No claim is made to any representation of the goods apart from the mark shown. The drawing is lined for red.
For Tin Plate.
Claims use since Feb. 14, 1936.

Ser. No. 383,370. THE RELIABLE PATTERN & CASTINGS CO., Cincinnati, Ohio. Filed Sept. 17, 1936.

PERMACAST

For Aluminum and Bronze Castings.
Claims use since Apr. 22, 1936.

CLASS 15

Oils and Greases

Ser. No. 377,271. GULF OIL CORPORATION OF PENNSYLVANIA, by change of name to Gulf Oil Corporation, Pittsburgh, Pa. Filed Apr. 16, 1936.



The drawing is lined for blue and yellow.
For Petroleum and Its Products—Namely, Fuel Oil, Gasoline, Kerosene, Naphtha, Lubricating Oils, Motor Oils, Lubricating Oils for Industrial Use, Petroleum Coal and Coke Spraying Oils, Penetrating Lubricating Oils, Electric Motor Oil, Household Lubricant, Mineral Waxes, and Lubricating Greases.
Claims use since October, 1920.

Ser. No. 380,675. SINCLAIR REFINING COMPANY, New York, N. Y. Filed July 6, 1936.

PALITE

For Turbine Lubricating Oil.
Claims use since June 13, 1936.

Ser. No. 383,074. SPECIALTY PRODUCTS COMPANY, Jersey City, N. J. Filed Sept. 9, 1936.

ADHEROL

For Lubricating Oils.
Claims use since Aug. 25, 1936.

Ser. No. 383,075. SPECIALTY PRODUCTS COMPANY, Jersey City, N. J. Filed Sept. 9, 1936.

SPEEDKUT

For Lubricating Oils for Cutting Tools.
Claims use since Aug 25, 1936.

Ser. No. 383,076. SPECIALTY PRODUCTS COMPANY, Jersey City, N. J. Filed Sept. 9, 1936.

TOOLIFE

For Lubricating Oils for Cutting Tools.
Claims use since Aug. 25, 1936.

CLASS 16

Paints and Painters' Materials

Ser. No. 383,089. NEWTON P. EASLING, Pekin, Ill. Filed Sept. 10, 1936.

"TERMINIZED"

For Insect Proofing Paint.
Claims use since March, 1936.

CLASS 17

Tobacco Products

Ser. No. 367,832. MENENDEZ Y COMPAÑIA, S. EN C., Habana, Cuba. Filed July 30, 1935.

PROVIDENCIA

For Cigars.
Claims use since September 1934.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 381,209. GEORGE H. LE BOEUF, Manitowoc, Wis. Filed July 20, 1936.

Tour Top

For Automobile Luggage Racks.
Claims use since Mar. 13, 1936.

CLASS 21

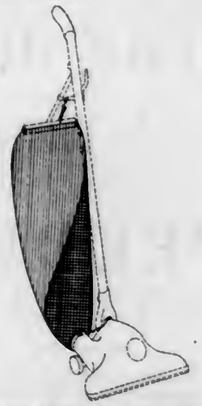
Electrical Apparatus, Machines, and Supplies

Ser. No. 374,601. PIONEER GEN-E-MOTOR CORPORATION, Chicago, Ill. Filed Feb. 7, 1936.

'GENE'

For Dynamotors, Generators, Inverted Rotary Convertors, and Motor-Generators.
Claims use since Oct. 14, 1932.

Ser. No. 377,219. THE P. A. GEIER COMPANY, Cleveland, Ohio. Filed Apr. 15, 1936.



Trade-mark consists in generally triangular areas colored red and black separated by a diagonal line of division. The representation of the goods per se is disclaimed.
For Electrically Operated Suction Cleaners and Parts Thereof and Attachments and Accessories Therefor.
Claims use since July 11, 1934.

Ser. No. 377,353. THE P. A. GEIER COMPANY, Cleveland, Ohio. Filed Apr. 18, 1936.



Trade-mark consists in generally longitudinal bands colored red and black. The representation of the goods per se is disclaimed.
For Electrically Operated Suction Cleaners.
Claims use since Jan. 4, 1936.

Ser. No. 380,431. THE BEARDSLEY & WOLCOTT MANUFACTURING COMPANY, Waterbury, Conn. Filed June 29, 1936.

Curlex

For Electric Curling Irons.
Claims use since July 1925.

Ser. No. 381,760. KNAPP-MONARCH COMPANY, doing business as Kwikway Company, St. Louis, Mo. Filed Aug. 3, 1936.

KWIKWAY

For Electric Curling Irons, Electric Whippers, Electric Food Mixers, Electric Hair Dryers, Electric Corn Poppers, Electric Stoves, Electric Heaters, Electric Sadirons, Electric Toasters, Electric Sandwich Toasters, Electric Percolators, Electric Waffle Irons, Electric Vaporizers, and Electric Fans.
Claims use since Nov. 7, 1931.

Ser. No. 382,058. JAMES R. LODGE, doing business as International Vacuum Cleaner Co., Wheeling, W. Va. Filed Aug. 11, 1936.

The NEW INTERNATIONAL

For Electric Motor Equipped and Operated Hand Steered Type Vacuum Sweeper Primarily Adapted for Use in the Home.
Claims use since July 1, 1936.

Ser No. 383,131. INDIANA STEEL & WIRE COMPANY, Muncie, Ind. Filed Sept. 11, 1936.



For Iron and Steel Wire for Use in Overhead Electric Transmission Lines.
Claims use since Aug. 10, 1936.

Ser. No. 383,232. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Sept. 14, 1936.

KENMORE

For Electric Ranges.
Claims use since July 18, 1935.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 380,103. HI-LI SALES CO., Philadelphia, Pa. Filed June 23, 1936.



For Game Played With a Toy Racquet and Ball.
Claims use since May 1935.

Ser. No. 382,486. THE PLATT & MUNK CO. INC., New York. N. Y. Filed Aug. 22, 1936.

STICK 'EM

For Cut-Out Game Books.
Claims use since June 16, 1936.

Ser. No. 382,702. HOEFER LURES, Minneapolis, Minn. Filed Aug. 29, 1936.



For Fishing Tackle—Namely, Fishing Lures, Flies, Floating Bugs, and Leaders.
Claims use since Apr. 1, 1932.

Ser. No. 382,938. HARRY J. CHAPMAN, doing business as Chappy Craft Industries, Chelsea, Mich. Filed Sept. 4, 1936.

PEG-A-PICTURE

The word "Picture" is disclaimed apart from the mark as shown.
For Board Game Employing Movable Pieces.
Claims use since Aug. 20, 1936.

Ser. No. 383,044. WEILL & HARTMANN, New York, N. Y. Filed Sept. 8, 1936.

PACE-MAKER

For Velocipedes, Scooters, Wagons (Toy), Toy Automobiles, Bicycles, and Roller Skates.
Claims use since June, 1935.

Ser. No. 383,314. ARTHUR S. LORD, New York, N. Y. Filed Sept. 16, 1936.

BONANZA

For Game Played with a Mat, Cards, and Chips.
Claims use since July 25, 1936.

Ser. No. 383,492. EDW. K. TRYON COMPANY, Philadelphia, Pa. Filed Sept. 21, 1936.

Tru Dribble

For Basketballs.
Claims use since June 15, 1936.

Ser. No. 383,493. EDW. K. TRYON COMPANY, Philadelphia, Pa. Filed Sept. 21, 1936.

Tru Pass

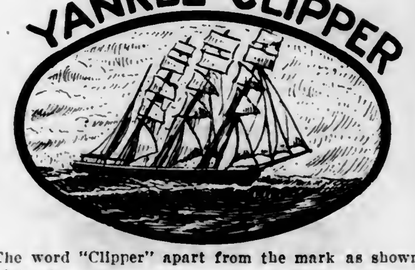
For Footballs.
Claims use since June 15, 1936.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 382,238. THE POOTATUCK CORPORATION, Stratford, Conn. Filed Aug. 15, 1936.

THE YANKEE CLIPPER



The word "Clipper" apart from the mark as shown is disclaimed.
For Lawn Mowers.
Claims use since Nov. 1, 1935.

Ser. No. 382,343. NAT COHN, doing business as Modern Vending Company, New York, N. Y. Filed Aug. 19, 1936.

MODERN VENDING COMPANY

The drawing is lined for red.
For Coin Operated Vending and Amusement Devices.
Claims use since July 1, 1931.

Ser. No. 383,348. CLUB RAZOR & BLADE MANUFACTURING CORPORATION, Newark, N. J. Filed Sept. 17, 1936.

Triplkeen

For Razor Blades.
Claims use since July 15, 1936.

Ser. No. 383,359. KIRBY, BLOCK & FISCHER, INC., New York, N. Y. Filed Sept. 17, 1936.

KIRBURY

For Razor Blades.
Claims use since Sept. 12, 1935.

Ser. No. 383,376. UTILITY BLADE & RAZOR CO., Maplewood, N. J. Filed Sept. 17, 1936.

MASTER BARBER

For Safety Razor Blades.
Claims use since May 16, 1936.

Ser. No. 383,434. W. D. HUSE & SONS, Laconia, N. H. Filed Sept. 19, 1936.

MARVEL

For Meat Cutting Machines.
Claims use since June, 1934.

CLASS 24

Laundry Appliances and Machines

Ser. No. 382,731. VIDRIO PRODUCTS CORPORATION, Chicago, Ill. Filed Aug. 29, 1936.

STERRO

For Laundry Washing Machines.
Claims use since Feb. 1, 1936.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 381,683. MOTO-SWAY CORPORATION, New York, N. Y. Filed July 31, 1936.

BLOCKNIT

For Machine to Measure and Stretch Knitted Garments to Size.
Claims use since Feb. 1, 1936.

Ser. No. 382,790. THE EPPLEY LABORATORY, INC., Newport, R. I. Filed Sept. 1, 1936.

EPLAB

For Pyrometer Standard Cells.
Claims use since July 10, 1936.

CLASS 29

Brooms, Brushes, and Dusters

Ser. No. 378,508. VALENTINE LABORATORIES, INC., Chicago, Ill. Filed May 15, 1936.

ORA-DENT

For Tooth Brush.
Claims use since Nov. 21, 1935.

CLASS 31

Filters and Refrigerators

Ser. No. 376,926. WARD REFRIGERATOR & MFG. CO., Los Angeles, Calif. Filed Apr. 7, 1936.

OLYMPIC

For Refrigerators.
Claims use since Mar. 30, 1936.

CLASS 32

Furniture and Upholstery

Ser. No. 383,231. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Sept. 14, 1936.

ART-CRAFT

For Window Shades and Venetian Blinds.
Claims use since Aug. 12, 1936.

Ser. No. 383,345. THE BILTMORE MANUFACTURING COMPANY, Cincinnati, Ohio. Filed Sept. 17, 1936.

MILANKLOTH

For Automobile Seat Covers.
Claims use since March, 1933.

CLASS 33

Glassware

Ser. No. 381,610. FOURCO GLASS COMPANY, Clarksburg, W. Va. Filed July 30, 1936.

CLEARLITE FOURCO GLASS CO. CLARKSBURG, W. VA. GLASS

All words except applicant's name are disclaimed apart from the mark as shown.
For Sheet Glass, Flat Glass, Plate Glass, Window Glass, Vertically Drawn Glass, and Case-Hardened Glass Sheets Known as Safety Glass.
Claims use since Dec. 1, 1935.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 381,950. RICHARDSON & BOYNTON COMPANY, New York, N. Y. Filed Aug. 8, 1936.

Scotlo

For Domestic Heating Boilers.
Claims use since July 19, 1936.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 378,906. SOUTHERN FRICTION MATERIALS COMPANY, Charlotte, N. C. Filed May 26, 1936.

—ENDURO—

For Brake Lining.
Claims use since Jan. 1, 1930.

CLASS 36

Musical Instruments and Supplies

Ser. No. 379,188. ELECTRO-ACOUSTIC PRODUCTS COMPANY, Fort Wayne, Ind. Filed June 2, 1936.

Magnavox
Concerto

For Electric Phonograph, Machines, Amplifier, Turn Table, Motor Phonograph Pick Up and Loud Speaker.
Claims use since May 25, 1936.

CLASS 37

Paper and Stationery

Ser. No. 373,646. NORCROSS, New York, N. Y. Filed Jan. 14, 1936.

THREAD-WEAVE

For Composite Strips of Slit Cellulose Film Forming a Ribbon Suitable for Use in Securing Packages and the Like, Said Ribbon Being Formed of Two Plys of Slit Cellulose Film Cemented Together and Having Interposed Therebetween Fabric Strands.
Claims use since Dec. 26, 1935.

Ser. No. 378,361. EBERHARD FABER PENCIL COMPANY, Brooklyn, N. Y. Filed May 12, 1936.



The mark consists of a circumferential band of black on the tip or end of a lead pencil or pen holder, or on the ferrule, mouthpiece, point protector, or any other attachment to a lead pencil. No claim is made to the representation of a pencil per se.
For Lead Pencils, Colored and Copying Pencils, Pencil Point Protectors, Pencil Holders, Penholders, Mechanical Pencils, and Pencil Lentheners.
Claims use since 1909.

Ser. No. 382,644. HERMAN MALZ, New York, N. Y. Filed Aug. 26, 1936.

Windowphanie

For Decorated Sheets for Application to Panes of Glass, Wall and Other Surfaces.
Claims use since Apr. 1, 1903.

Ser. No. 382,717. GENERAL PENCIL COMPANY, Jersey City, N. J. Filed Aug. 29, 1936.

Carbo-Weld

For Wood Cased Pencils.
Claims use since Aug. 27, 1936.

Ser. No. 383,260. CROWN WILLAMETTE PAPER COMPANY, San Francisco, Calif. Filed Sept. 15, 1936.

ADD-AN-AD

For Wrapping Paper.
Claims use since Aug. 15, 1936.

CLASS 38

Prints and Publications

Ser. No. 377,626. AMERICAN NEWSPAPERS, INC., New York, N. Y. Filed Apr. 25, 1936.

The Bachelor Girl

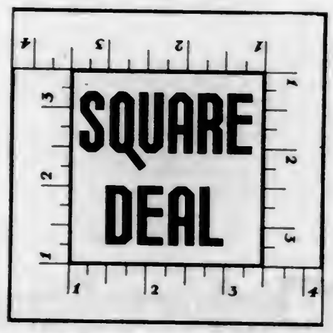
For Newspaper Section.
Claims use since Sept. 1, 1934.

Ser. No. 377,733. AUTOMOTIVE RETAILER PUBLISHING CORPORATION, New York, N. Y. Filed Apr. 28, 1936.

AUTOMOTIVE RETAILER

For Printed, Published, and Distributed Tabloid Monthly Trade Periodical.
Claims use since Feb. 26, 1936.

Ser. No. 379,739. DENVER D. FERGUSON, doing business as The Ferguson Manufacturing Company, Indianapolis, Ind. Filed June 15, 1936.



For Printed Tickets and Coupons Sold to the Trade as Such.
Claims use since June 9, 1935.

Ser. No. 382,374. L. STEWART BABB, Washington, D. C. Filed Aug. 20, 1936.

PREVENTION OF CRUELTY TO STAMP COLLECTORS

For Stamp Collectors' Publications Published at Intervals.
Claims use since Aug. 18, 1936.

Ser. No. 382,613. ARIZONA PRODUCER PUBLISHING COMPANY, Phoenix, Ariz. Filed Aug. 26, 1936.

ARIZONA PRODUCER

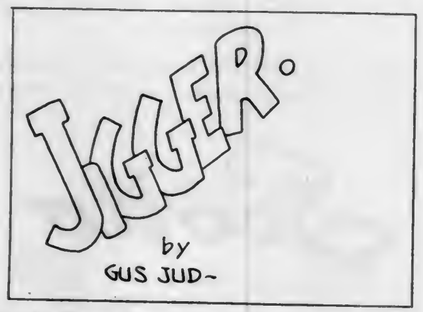
For Periodical, at Present Published Semi-Monthly.
Claims use since Mar. 15, 1929.

Ser. No. 382,766. QUIGLEY PUBLISHING COMPANY, INC., New York, N. Y. Filed Aug. 31, 1936.

TEATRO AL DÍA

For Quarterly Motion Picture Magazine.
Claims use since July, 1936.

Ser. No. 382,834. GUS JUD, Jamaica, N. Y. Filed Sept. 2, 1936.



For Newspaper Comic Strip.
Claims use since July 13, 1936.

Ser. No. 382,965. THE TEA AND COFFEE TRADE JOURNAL CO., New York, N. Y. Filed Sept. 5, 1936.

TEA & COFFEE
TRADE JOURNAL

For Periodical.
Claims use since March, 1903.

Ser. No. 383,077. THE SYNDICATE STORE MERCHANDISER, INC., Newark, N. J., and New York, N. Y. Filed Sept. 9, 1936.

THE SYNDICATE STORE
MERCHANDISER

For Periodical.
Claims use since August, 1931.

Ser. No. 383,101. THE OSKAMP NOLTING COMPANY, Cincinnati, Ohio. Filed Sept. 10, 1936.

The
GREAT AMERICAN
TRADING POST

For Periodical Issued from Time to Time.
Claims use since July 1, 1936.

CLASS 39

Clothing

Ser. No. 368,464. SWEET CAP COMPANY, Dallas Tex. Filed Aug. 19, 1935.



The words "Rip-Pruf" are disclaimed apart from the mark shown.
For Men's and Boys' Necktles.
Claims use since July 1, 1935.

Ser. No. 371,504. ROGERS PEET COMPANY, New York, N. Y. Filed Nov. 13, 1935.

Sturdee Spun

The word "Spun" apart from the mark as shown is disclaimed.
For Boys' Clothing—Namely, Suits, Coats, Hats, and Hosiery.
Claims use since Sept. 15, 1935.

Ser. No. 371,921. HAWLEY PRODUCTS COMPANY, St. Charles, Ill. Filed Nov. 23, 1935.

Hawley
TROPPER



HAWLEY PRODUCTS CO·ST·CHARLES·ILL

The words "Sun Proof", "Rain Proof", "Made in U. S. A.", "Air Cooled", and "St. Charles, Illinois", and the representation of the hat are disclaimed apart from the mark as shown.
For Hats for Men, Women, and Children.
Claims use since Sept. 28, 1935.

Ser. No. 378,522. L. ISAACSON & SONS, INC., New York, N. Y. Filed May 16, 1936.

DONMOOR

For Boys' Suits.
Claims use since May 1, 1936.

Ser. No. 379,730. BECKERMAN & MONASSON, INC., New York, N. Y. Filed June 15, 1936.



The term "Neva-Ripp" is disclaimed apart from the mark as shown.
For Fur Coats, Fur Capes, Fur Collars, and Fur Scarfs, Made Principally from Lapin and Beaverette Furs.
Claims use since June 1, 1935.

Ser. No. 380,611. BELLE KNITTING CORP., New York, N. Y Filed July 6, 1936.

Belle
KIDDIE SCAMPERS

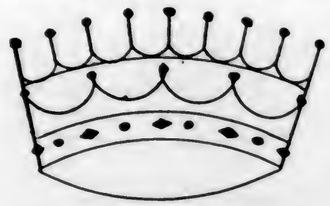
For Children's Underwear.
Claims use since June 25, 1936.

Ser. No. 380,850. SOMERSET SHOE COMPANY, Auburn, Maine. Filed July 9, 1936.



For Shoes Made of Leather or Fabric or a Combination of Leather and Fabric.
Claims use since May 26, 1936.

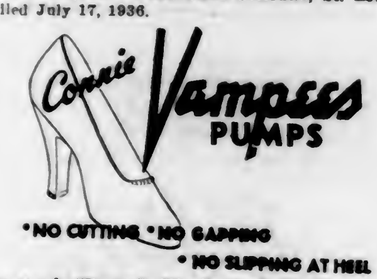
Ser. No. 380,997. NAT LEWIS PURSES, INC., New York, N. Y. Filed July 14, 1936.



LEWIS

The name "Lewis" is disclaimed apart from the mark as shown.
For Women's, Misses', and Children's Articles of Clothing—Namely, Gloves Made of Leather, Fabric, and Combinations Thereof; Hosiery, Belts for Outer Wear, Hats, Bathing Suits; Lingerie—Namely, Dance Sets Which Consist of a Brassière and Panties to Match, Ladies' Bloomers, Chemises, Negligees, Slips, Petticoats, Shorts and Shirts for Underwear, and Panties.
Claims use since May 8, 1936.

Ser. No. 381,145. WOHL SHOE COMPANY, St. Louis, Mo. Filed July 17, 1936.



The words "Pumps", "No Cutting", "No Gapping", and "No Slipping at Heel" and the representation of a shoe are disclaimed apart from the mark.
For Shoes, Particularly for Ladies' and Misses' Shoes Made of Leather or Fabric or Combinations of the Same.
Claims use since June 15, 1936.

Ser. No. 381,169. ORTHOPEDIC SHOES INC., Portsmouth, Ohio. Filed July 18, 1936.



Applicant is owner of T. M. Reg. No. 97,334 (renewed) for the mark "Physical Culture" under the 10-year proviso of the act of 1905. The word "Shoes" is disclaimed apart from the mark shown.
For Women's Shoes of Leather and Fabric, and a Combination of These Materials.
Claims use since May 2, 1936.

Ser. No. 381,253. AULT-WILLIAMSON SHOE CO., Auburn, Maine. Filed July 21, 1936.



For Leather Shoes, Fabric Shoes, and Shoes of Leather and Fabric.
Claims use since July 6, 1936.

Ser. No. 381,492. MODERN MERCHANDISING BUREAU, INC., New York, N. Y. Filed July 27, 1936.

"Mary of Scotland"

For Women's, Misses', and Children's Hats and Caps; Scarves of Silk, Wool, Rayon, Linen, and Cotton; Shoes of Leather, Calfskin, Fabric, Satin and Linen, or Any Combination Thereof; Underwear of Knitted, Netted and Textile Fabrics; Bloomers, Chemises, Brassieres, Negligees, Petticoats, Slips, Panties, Vests and Shirts for Underwear; Nightgowns; Pajamas; Wraps; Skirts for Under and Outer Wear; Knickers, Riding Habits; Beach Overalls and Beach Pajamas; Coats; Blouses; Shirtwaists; Gowns; Frocks; Dresses and Suits.
Claims use since Apr. 1, 1936.

Ser. No. 381,692. ROGERS PEET COMPANY, New York, N. Y. Filed July 31, 1936.

PEETFLARE

For Men's Clothing—Namely, Suits, Overcoats, Topcoats, Dress and Negligee Shirts, Undershorts, Hosiery, and Leather Shoes.
Claims use since July 1, 1936.

Ser. No. 381,695. JOHN WANAMAKER NEW YORK, New York, N. Y. Filed July 31, 1936.

EXPERTIZED

For Infants' and Children's Dresses, Suits, Coats, Underwear, Sleeping Garments, Sweaters, Blouses and Skirts, Caps, Bonnets, Hats, Bathing Suits and Trunks, and Beach Robes.
Claims use since July 15, 1936.

Ser. No. 381,696. JOHN WANAMAKER NEW YORK, New York, N. Y. Filed July 31, 1936.

MIMI

For Women's, Misses', and Junior Misses' Corsets.
Claims use since July 15, 1936.

Ser. No. 381,812. INDUSTRIAL HOSIERY MILLS, INC., Mohnton, Pa. Filed Aug. 4, 1936.

The term "Sta-Top" is not claimed apart from the mark as shown.
For Stockings for Men, Women, and Children.
Claims use since Feb. 5, 1936.

Ser. No. 382,113. BUSCARLET GLOVE COMPANY INC., New York, N. Y. Filed Aug. 13, 1936.

Bleu - Rythm

The word "Bleu" is disclaimed except as shown.
For Leather Gloves.
Claims use since July 1, 1936.

Ser. No. 382,957. MARCH OF FASHION, INC., New York, N. Y. Filed Sept. 5, 1936.

March of Fashion

The word "Fashion" is disclaimed apart from the mark shown.
For Women's and Misses' Dresses.
Claims use since Sept. 3, 1936.

Ser. No. 383,437. J. W. LANDENBERGER & Co., Philadelphia, Pa. Filed Sept. 19, 1936.

TRU-LAST

For Hosiery.
Claims use since Sept. 11, 1936.

Ser. No. 383,503. GIMBEL BROTHERS, INC., New York, N. Y. Filed Sept. 22, 1936.

Hardi-Scot

For Men's and Boys' Suits and Overcoats.
Claims use since Aug. 12, 1935.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 381,310. ABRAHAM HIRSH INC., New York, N. Y. Filed July 22, 1936.

HIRCO

For Trimmings and Ornaments Made of Textile Fabrics Intended for Personal Wear on Articles of Clothing, and Buckles Made of Material Other Than of Precious Metal and Intended for Personal Wear on Articles of Clothing.
Claims use since Jan. 1, 1924.

Ser. No. 381,523. BOTANY WORSTED MILLS, Passaic, N. J. Filed July 28, 1936.



For Packages Containing Cut Lengths (For Instance Skirt Length) of Piece Goods and Art Needlework Yarns for Making Articles of Wearing Apparel.
Claims use since Nov. 15, 1935.

Ser. No. 381,787. SOL SILVERMAN, doing business as Maid-Rite Shoulder Strap Co., New York, N. Y. Filed Aug. 3, 1936.



The words "Strap" and "Trade Mark" and the representation of the goods are disclaimed apart from the mark shown.
For Shoulder Straps for Ladies' Undergarments.
Claims use since July 24, 1936.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 378,589. THE SCHOLL MFG. CO., INC., Chicago, Ill. Filed May 18, 1936.

Dr. Scholl's Arch-Help

For Arch Supports.
Claims use since Dec. 1, 1934.

Ser. No. 381,953. ROBERT W. THOMPSON, doing business as Thompson Manufacturing Co., Los Angeles, Calif. Filed Aug. 8, 1936.

"SUR-WAY"

For Electric Massaging Hair Brushes.
Claims use since Apr. 28, 1936.

Ser. No. 382,292. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Aug. 17, 1936.

Healthmaster

For Therapeutic Electric Lamps.
Claims use since August, 1930.

Ser. No. 382,398. LEE S. SMITH & SON MANUFACTURING COMPANY, Pittsburgh, Pa. Filed Aug. 20, 1936.

PLASTICOLL

For Elastic Hydro-Colloid Material for Use in Taking Dental Impressions.
Claims use since Aug. 22, 1935.

CLASS 46

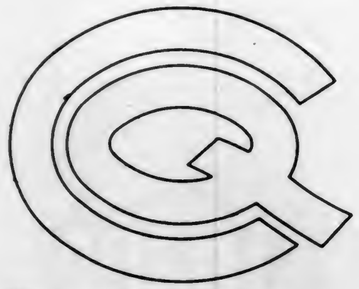
Foods and Ingredients of Foods

Ser. No. 356,634. ANTON C. NEGRI, doing business as General Dairy Products Co., Chicago, Ill. Filed Oct. 1, 1934.

Thorne's Brand

No claim is made to the word "Brand".
For Dehydrated Milk and Dehydrated Chocolate, a Preparation of Powdered Milk and Powdered Chocolate Respectively.
Claims use since July 1, 1933.

Ser. No. 370,006. THE KROGER GROCERY & BAKING COMPANY, Cincinnati, Ohio. Filed Oct. 4, 1935.



For Beef.
Claims use since Sept. 23, 1935.

Ser. No. 375,160. NATIONAL FRUIT AND VEGETABLE EXCHANGE, INC., New York, N. Y. Filed Feb. 24, 1936.



The drawing is lined for red.
For Fresh Fruits and Vegetables—Namely, Potatoes, Mushrooms, Grapefruit, Onions, Corn, Beans, Sweet Potatoes, Mixed Vegetables, Grapes, Cauliflower, Peas, Oranges, Avocados, Lettuce, and Pears.
Claims use for potatoes since March, 1935; for onions, corn, beans, sweet potatoes, and mixed vegetables since October, 1935; and for mushrooms, grapefruit, grapes, cauliflower, peas, oranges, avocados, lettuce, and pears since November, 1935.

Ser. No. 375,225. NATHAN ROSENBLUM & COMPANY, Sharon, Pa. Filed Feb. 25, 1936.

Golden Dawn

For Canned Fruits, Canned Vegetables, Coffee, Salt, Cereal Breakfast Food, Salad Dressing, and Canned Evaporated Milk.
Claims use since August, 1935.

Ser. No. 377,392. J. J. GIELOW & SONS, INC., Detroit, Mich. Filed Apr. 20, 1936.

CITY CLUB

For Canned Fruits and Vegetables, Salad Dressing.
Claims use since Apr. 9, 1936.

Ser. No. 378,201. GOLETA LEMON ASSOCIATION, Goleta, Calif. Filed May 8, 1936.

SAN MARCOS

For Fresh Citrus Fruits.
Claims use since Feb. 19, 1936.

Ser. No. 378,262. BERTRAM NIELSEN, doing business as Pacific Nut Co., Seattle, Wash. Filed May 9, 1936.

PACIFIC NUT

The word "Nut" apart from the mark as shown is disclaimed.
For Vegetable Oil Product Used as a Butter Substitute and for Shortenings.
Claims use since Nov. 14, 1935.

Ser. No. 379,598. BARNES & LEVERETTE, Medford, Oreg. Filed June 12, 1936.

SUN SUGARED

For Canned Fruits and Fresh Deciduous Fruits.
Claims use since Mar. 31, 1936.

Ser. No. 379,758. OCEANIC FISHERIES COMPANY, INC., Seattle, Wash. Filed June 15, 1936.



The word "Brand" is disclaimed.
For Salt Cured Herring.
Claims use since May 1, 1935.

Ser. No. 379,928. GENERAL MILLS, INC., Minneapolis, Minn. Filed June 19, 1936.

BREAKFAST OF CHAMPIONS

For Cereal Food Products, Particularly Breakfast Cereal.
Claims use since Oct. 14, 1933.

Ser. No. 380,161. STONE HOUSE FARM, INC., Durham, N. H. Filed June 24, 1936.



For Preserved Vegetables and Fruits, Jams, Jellies, Marmalade, Cucumber Relish, Sweet Pepper Relish, Apple Butter, Honey, Maple Syrup, Canned Chicken, Sausage, and Canned Chicken Soup.
Claims use since Nov. 1, 1934.

Ser. No. 380,756. CARROON & COMPANY, Fowler, Ind. Filed July 8, 1936.

VITA RAY

For Tomato Juice.
Claims use since June 4, 1936.

Ser. No. 381,397. JOHN BERTOTTI, doing business as J. Bertotti and Company, Detroit, Mich. Filed July 24, 1936.

ST. LOUIS MAID



For Macaroni, Spaghetti, and Macaroni and Spaghetti Products of Various Shapes and Sizes.
Claims use since October, 1935.

Ser. No. 381,849. NAAMLOOZE VENNOOTSCHAP DROSTE'S CACAO- EN CHOCOLADEFABRIEKEN, Haarlem, Netherlands. Filed Aug. 5, 1936.



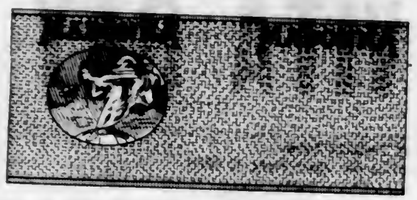
For Cocoa, Chocolate, and Chocolates and Candies.
Claims use since Mar. 1, 1931.

Ser. No. 381,914. MINNESOTA VALLEY CANNING COMPANY, Le Sueur, Minn. Filed Aug. 7, 1936.

Niblet-ears

The word "Ears" is disclaimed apart from the mark as shown.
For Canned Vegetables—Namely, Canned Corn.
Claims use since Aug. 19, 1935.

Ser. No. 382,176. RIVERBANK CANNING COMPANY, Riverbank, Calif. Filed Aug. 14, 1936.



The representation of a label is disclaimed. The drawing is lined for red and yellow and shading.
For Food Products—Namely, Canned Tomatoes, Canned Tomato Paste, and Canned Tomato Juice.
Claims use since 1923.

Ser. No. 382,259. ALBERT ANGELL, doing business as Glenayre Feeds, Burlington, Wis. Filed Aug. 17, 1936.

Glenayre Feeds

No claim is made to the word "Feeds".
For Poultry Feeds.
Claims use since June 1, 1932.

Ser. No. 382,568. KARL L. RATHJE, Wheaton, Ill. Filed Aug. 25, 1936.

Mistress Mary

For Candies Including English Toffee.
Claims use since Nov. 28, 1935.

Ser. No. 382,598. MAX LAZARUS & SONS, INC., Baltimore, Md. Filed Aug. 26, 1936.

HAPPY DOG

The word "Dog" apart from the mark as shown is disclaimed.
For Canned Dog and Cat Food.
Claims use since June 5, 1936.

Ser. No. 382,765. CHARLES A. OWEN, Geneva, N. Y. Filed Aug. 31, 1936.

NEWO

For Syrups for Sundaes, Milk Beverages, and Cake Frostings.
Claims use since June 20, 1934.

Ser. No. 382,820. CARTER MACY TEA AND COFFEE CO., INC., New York, N. Y. Filed Sept. 2, 1936.

HEAD QUARTERS

The word "Tea" apart from the mark shown is disclaimed.
For Tea.
Claims use since Apr. 24, 1936.

Ser. No. 382,870. HERBERT CANDY COMPANY, Philadelphia, Pa. Filed Sept. 3, 1936.

ICE CREAM PLATES

For Candy.
Claims use since September, 1928.

Ser. No. 382,903. BESTOV PRODUCTS, INC., New York, N. Y. Filed Sept. 4, 1936.



For Malt Chocolate Mixture in Powder Form.
Claims use since Aug. 10, 1936.

Ser. No. 382,908. DIXIE STORES, INCORPORATED, Greenville, S. C. Filed Sept. 4, 1936.

DIXIE SPECIAL

The word "Special" is disclaimed except as shown.
For Plain and Self-Rising Wheat Flour.
Claims use since Jan. 1, 1931.

Ser. No. 382,947. EPPENS, SMITH COMPANY, INC., New York, N. Y. Filed Sept. 5, 1936.

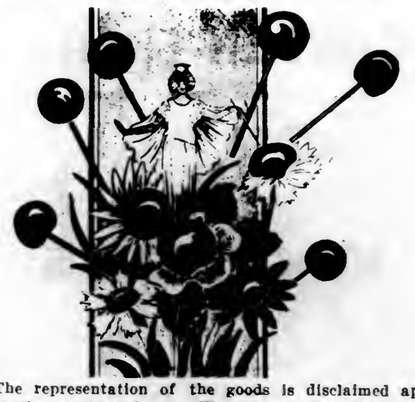
Holland House



THE MARK OF AN ARISTOCRATIC HOME

For Coffee.
Claims use since April, 1935.

Ser. No. 383,035. FRANCES SINAGNAN ET CIE. INC., New York, N. Y. Filed Sept. 8, 1936.



The representation of the goods is disclaimed apart from the mark as shown. The figure is fanciful.
For Candies.
Claims use since July 24, 1936.

Ser. No. 383,050. BEATRICE CREAMERY COMPANY, Chicago, Ill. Filed Sept. 9, 1936.



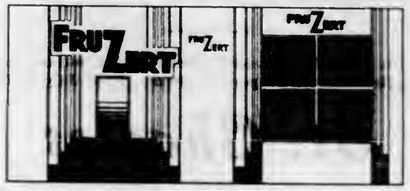
For Frozen Confections.
Claims use since Aug. 21, 1936.

Ser. No. 383,082. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Filed Sept. 10, 1936.

RUMBOS

For Candy.
Claims use since Aug. 26, 1936.

Ser. No. 383,618. FILICE & PERRELLI CANNING COMPANY, INC., Richmond, Calif. Filed Sept. 25, 1936.



The representation of a label apart from the mark shown is disclaimed.
For Preparation Made From Various Fruits, Berries, and Vegetables to be Used in Making Salads and Various Forms of Desserts.
Claims use since Feb. 1, 1936.

Ser. No. 383,718. CALIFORNIA PEA PRODUCTS, INC., Fullerton, Calif. Filed Sept. 28, 1936.

GARDEN TREAT

For Canned Vegetables, Canned Vegetable Juices for Food Purposes.
Claims use since Sept. 11, 1936.

Ser. No. 383,772. JOHNSON EDUCATOR FOOD COMPANY, Cambridge, Mass. Filed Sept. 29, 1936.

NU-CRUSTIES

For Biscuits and Crackers.
Claims use since Sept. 19, 1936.

CLASS 47

Wines

Ser. No. 373,250. EMPIRE STATE WINE CO., INC., Penn Yan, N. Y. Filed Jan. 2, 1936. Under 10-year proviso.

EMPIRE STATE

For Wines.
Claims use since June 1, 1891.

Ser. No. 375,028. SOCIÉTÉ VINICOLE DE CHAMPAGNE, Paris and Reims, France. Filed Feb. 19, 1936.



The drawing is lined for red.
For Sparkling Wines, Perry, and Alcoholic Cider.
Claims use since Oct. 12, 1935.

Ser. No. 380,483. CHARLES SOMERS, doing business as St. Charles Winery, Grapeview, Wash. Filed July 1, 1936.

St. Charles

Beevo

For Wines.
Claims use since Nov. 2, 1933.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 372,134. GLASER BROS., San Francisco, Calif. Filed Nov. 30, 1935.



The words "Distilled Fizz Gin" are disclaimed except as shown.
For Gin Liquors.
Claims use since Sept. 21, 1935.

Ser. No. 375,521. RECORDS & GOLDSBOROUGH, INCORPORATED, Baltimore, Md. Filed Mar. 3, 1936. Under 10-year proviso.



For Whiskey, Gin, Brandy, Cognac, Rum, and Alcoholic Cordials.
Claims use since 1892.

Ser. No. 379,284. AMERICAN DISTRIBUTORS, INC., Baltimore, Md. Filed June 4, 1936.

SINKING SPRINGS

For Whiskey.
Claims use since May 15, 1936.

Ser. No. 382,133. NUSSBAUM LIQUOR STORE, INC., New York, N. Y. Filed Aug. 13, 1936.



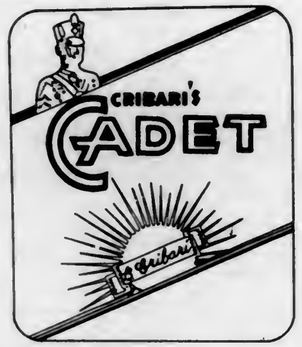
The word "Trophy" apart from the mark shown is disclaimed.
For Whiskey, Gin, Rum, Brandy, and Alcoholic Cordials.
Claims use since Jan. 13, 1936.

Ser. No. 383,117. BELLOWS & COMPANY, INC., New York, N. Y. Filed Sept. 11, 1936.



All notations except "Bellows & Company", "Established 1830", "Bellows", and "Bellows & Company, Inc.", are disclaimed apart from the mark.
For Whiskey.
Claims use since September, 1934.

Ser. No. 383,768. B. CRIBARI & SONS, INC., San Jose, Calif. Filed Sept. 29, 1936.



The representation of a label apart from the mark as shown is disclaimed.
For Grape Brandy.
Claims use since May 10, 1936.

Ser. No. 383,942. JOHN ROBERTSON & SON LIMITED, Dundee, Scotland. Filed Oct. 3, 1936.

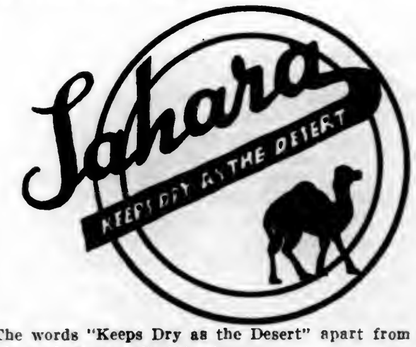
B.E.B.

For Scotch Whisky.
Claims use since Dec. 1, 1927.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 374,516. FULTON BAG & COTTON MILLS, Atlanta, Ga. Filed Feb. 5, 1936.



The words "Keeps Dry as the Desert" apart from the mark as shown are disclaimed.
For Waterproof Cloth.
Claims use since Jan. 15, 1936.

Ser. No. 380,743. HENRY C. AVERY, Philadelphia, Pa. Filed July 8, 1936.



The representation of the goods and all words except "The Osmo" are disclaimed apart from the mark shown.
For Mats for Facilitating the Growth of Plants.
Claims use since July 27, 1935.

Ser. No. 382,875. KIMBERLY-CLARK CORPORATION, Neenah, Wis. Filed Sept. 3, 1936.

KIMKO

For Shoe Counter Material in the Nature of Artificial Leather.
Claims use since Aug. 22, 1936.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

NOVEMBER 10, 1936

340,373. CHEWING GUM. AMERICAN CHICLE COMPANY, Long Island City, N. Y.
Filed March 24, 1936. Serial No. 376,318. PUBLISHED AUGUST 18, 1936. Class 46.

340,374. DUPLICATING FLUID. STANDARD MAILING MACHINES COMPANY, Everett, Mass.
Filed May 26, 1936. Serial No. 378,908. PUBLISHED SEPTEMBER 1, 1936. Class 11.

340,375. PREPARATION FOR EXTERNAL USE AS A RELIEF FOR SIMPLE NEURALGIC PAIN AND MUSCULAR SORENESS. JADWIGA REMEDIES, INC., Brooklyn, N. Y.
Filed May 26, 1936. Serial No. 378,915. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,376. ELASTIC PIECE GOODS FOR USE IN THE MANUFACTURE OF CORSETS AND BRASSIÈRES. ARTISTIC FOUNDATIONS, INC., New York, N. Y.
Filed May 27, 1936. Serial No. 378,919. PUBLISHED SEPTEMBER 1, 1936. Class 42.

340,377. PLUG FUSES AND ADAPTERS. NATIONAL ELECTRIC PRODUCTS CORPORATION, Pittsburgh, Pa.
Filed May 27, 1936. Serial No. 378,944. PUBLISHED SEPTEMBER 1, 1936. Class 21.

340,378. TOOTH BRUSHES. RUBBERSET COMPANY, Newark, N. J.
Filed May 27, 1936. Serial No. 378,952. PUBLISHED SEPTEMBER 1, 1936. Class 29.

340,379. WINE. THE ENGELS & KRUDWIG WINE CO., Sandusky, Ohio.
Filed May 28, 1936. Serial No. 378,985. PUBLISHED SEPTEMBER 1, 1936. Class 47.

340,380. RAZORS AND HAIR CLIPPERS AND PARTS THEREOF. PROGRESS CORPORATION, New York, N. Y.
Filed May 28, 1936. Serial No. 379,012. PUBLISHED SEPTEMBER 1, 1936. Class 23.

340,381. SHAMPOO. R. B. SEMLER, INC., New York, N. Y.
Filed May 29, 1936. Serial No. 379,058. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,382. WHEAT FLOUR. THE ARKANSAS CITY FLOUR MILLS CO., Arkansas City, Kans.
Filed June 1, 1936. Serial No. 379,070. PUBLISHED AUGUST 11, 1936. Class 46.

340,383. DICTATING MACHINES, DICTATING MACHINE RECORDS, AND PARTS THEREFOR. DICTATING MACHINE AND RECORD CORPORATION, New York, N. Y.
Filed June 1, 1936. Serial No. 379,086. PUBLISHED SEPTEMBER 1, 1936. Class 36.

340,384. TELEPHONE INDEX BOOKS. NASCON SERVICE, INC., New York, N. Y.
Filed June 1, 1936. Serial No. 379,126. PUBLISHED SEPTEMBER 1, 1936. Class 37.

340,385. JEWELRY AND JEWELER'S FINDINGS AND SUPPLIES—NAMELY, BADGES, EMBLEM PINS AND BUTTONS, WATCH FOBS, CUFF BUTTONS, ETC. F. H. NOBLE & CO., Chicago, Ill.
Filed June 3, 1936. Serial No. 379,255. PUBLISHED AUGUST 18, 1936. Class 28.

340,386. CARBON PAPER AND TYPEWRITER RIBBONS. RAVEN SALES COMPANY INC., Woodhaven, N. Y.
Filed June 3, 1936. Serial No. 379,259. PUBLISHED SEPTEMBER 1, 1936. Class 11.

340,387. NAIL POLISH AND BLEACH, POWDERS, LOTIONS, CREAMS, AND PREPARATIONS FOR USE AS SOFTENERS FOR THE HANDS, FEET, AND FACE, AND CUTICLE CREAMS. HAMILTON C. BATES, doing business as C. J. Bates & Son, Chester, Conn.
Filed June 4, 1936. Serial No. 379,287. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,388. NAIL POLISH AND BLEACH, POWDERS, LOTIONS, CREAMS, AND PREPARATIONS FOR USE AS SOFTENERS FOR THE HANDS, FEET, AND FACE, AND CUTICAL CREAMS. HAMILTON C. BATES, doing business as C. J. Bates & Son, Chester, Conn.
Filed June 4, 1936. Serial No. 379,289. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,389. MECHANICAL WATER SOFTENERS AND PUMPING SYSTEMS, COMPRISING A MOTOR, PUMP, AND TANK IN A UNITARY SYSTEM. THE DURO COMPANY, Dayton, Ohio.
Filed June 4, 1936. Serial No. 379,294. PUBLISHED SEPTEMBER 1, 1936. Class 23.

340,390. NON-SLIP LADDER SHOES. ROSE MANUFACTURING COMPANY, Denver, Colo.
Filed June 6, 1936. Serial No. 379,327. PUBLISHED SEPTEMBER 1, 1936. Class 50.

340,391. WINE. SAN GABRIEL WINE COMPANY, INC., New York, N. Y.
Filed June 5, 1936. Serial No. 379,355. PUBLISHED SEPTEMBER 1, 1936. Class 47.

340,392. YARNS FOR ART NEEDLEWORK. BERNHARD ULMANN CO. INC., New York, N. Y.
Filed June 5, 1936. Serial No. 379,362. PUBLISHED SEPTEMBER 1, 1936. Class 43.

340,393. LUBRICATING OILS. STANDARD OIL COMPANY OF NEW JERSEY, Wilmington, Del.
Filed June 23, 1936. Serial No. 380,128. PUBLISHED SEPTEMBER 1, 1936. Class 15.

340,394. PREPARATION FOR ECZEMA, OLD SORES, AND SKIN IRRITATIONS. THE TWO BROTHERS, doing business as Two Brothers Medicine Company, Muskogee, Okla.
Filed June 22, 1936. Serial No. 380,090. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,395. SHOE CLEANER. S. S. STAFFORD, INC., New York, N. Y.
Filed June 22, 1936. Serial No. 380,087. PUBLISHED AUGUST 25, 1936. Class 4.

340,396. COTTON GOODS IN THE PIECE. RIVERSIDE & DAN RIVER COTTON MILLS, INC., Danville, Va.
Filed June 22, 1936. Serial No. 380,077. PUBLISHED SEPTEMBER 1, 1936. Class 42.

340,397. STERLING SILVER AND SILVER PLATED FLATWARE AND HOLLOW WARE. NATIONAL SILVER COMPANY, New York, N. Y.
Filed June 22, 1936. Serial No. 380,072. PUBLISHED SEPTEMBER 1, 1936. Class 28.

340,398. WINES. LA PERLA VINEYARD COMPANY, Chicago, Ill.
Filed June 22, 1936. Serial No. 380,063. PUBLISHED SEPTEMBER 1, 1936. Class 47.

340,399. WINES. LA PERLA VINEYARD COMPANY, Chicago, Ill.
Filed June 22, 1936. Serial No. 380,062. PUBLISHED SEPTEMBER 1, 1936. Class 47.

340,400. TRANSPARENT, SEMI-TRANSPARENT, OR TRANSLUCENT PAPER FOR FORMING WINDOW BLANKS OR PATCHES FOR WINDOW ENVELOPES, WINDOWED CONTAINERS, AND CARTONS. GRAY ENVELOPE MANUFACTURING CO., INC., Brooklyn, N. Y.
Filed June 22, 1936. Serial No. 380,054. PUBLISHED SEPTEMBER 1, 1936. Class 37.

340,401. CONDITIONING AND CLEANING COMPOSITIONS FOR COOLING SYSTEMS SUCH AS COOLING SYSTEMS FOR INTERNAL COMBUSTION ENGINES. NATIONAL CARBON COMPANY, INC., New York, N. Y.
Filed June 20, 1936. Serial No. 380,015. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,402. CANDY BARS. JAMES G. FORSEY, doing business as Forsey Ice Cream Company, Richfield, Utah.
Filed July 2, 1936. Serial No. 380,504. PUBLISHED SEPTEMBER 1, 1936. Class 46.

340,403. ANNUAL PUBLICATION. THE WEDDING EMBASSY, INC., New York, N. Y.
Filed June 26, 1936. Serial No. 380,322. PUBLISHED SEPTEMBER 1, 1936. Class 38.

340,404. KNITTED PIECE GOODS OF WOOLEN, COTTON, RAYON, OR THE LIKE. JACOB W. BRANTMAN, New York, N. Y.
Filed June 26, 1936. Serial No. 380,256. PUBLISHED SEPTEMBER 1, 1936. Class 42.

340,405. CLEANER FOR RUGS AND UPHOLSTERY. NAFRA PRODUCTS, INC., Dallas, Tex.
Filed June 25, 1936. Serial No. 380,220. PUBLISHED AUGUST 25, 1936. Class 4.

340,406. WHISKEY, BRANDY, RUM, AND GIN. CARL MAHLER, Brooklyn, N. Y.
Filed June 25, 1936. Serial No. 380,210. PUBLISHED SEPTEMBER 1, 1936. Class 49.

340,407. TECHNICAL JOURNAL PUBLISHED AT IRREGULAR INTERVALS. E. F. HOUGHTON & CO., Philadelphia, Pa.
Filed June 25, 1936. Serial No. 380,203. PUBLISHED SEPTEMBER 1, 1936. Class 38.

340,408. OVEN HEAT CONTROL DEVICE ATTACHED TO THE OVEN OF A GAS RANGE TO CONTROL THE TIME NECESSARY FOR THE BAKING OF VARIOUS FOODS. THE ASSOCIATED MERCHANDISING CORPORATION, Newark, N. J., and New York, N. Y.
Filed March 13, 1936. Serial No. 375,924. PUBLISHED SEPTEMBER 1, 1936. Class 26.

340,409. MANUAL TIMING DEVICE AFFIXED TO A GAS RANGE TO CONTROL THE TIME NECESSARY FOR THE COOKING OF VARIOUS FOODS. THE ASSOCIATED MERCHANDISING CORPORATION, Newark, N. J., and New York, N. Y.
Filed March 13, 1936. Serial No. 375,923. PUBLISHED SEPTEMBER 1, 1936. Class 26.

340,410. HAIR TONIC. SAM PERRONE, San Antonio, Tex.
Filed March 10, 1936. Serial No. 375,684. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,411. AUTOMOBILES. RAJORE COMPANY, Philadelphia, Pa.
Filed February 24, 1936. Serial No. 375,569. PUBLISHED SEPTEMBER 1, 1936. Class 19.

340,412. MEDICINAL PREPARATIONS IN TABLET, LIQUID, AND POWDER FORM FOR PERIOD PAINS, HEADACHE, COLD, AND NEURALGIA. CHARLES R. O'MALLEY, Glencoe, Ill.
Filed February 19, 1936. Serial No. 375,022. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,413. RADIO DIALS. HERBERT A. BELL, doing business as Packard-Bell Company, Los Angeles, Calif.
Filed February 3, 1936. Serial No. 374,395. PUBLISHED SEPTEMBER 1, 1936. Class 21.

340,414. FUEL USED FOR CREATING LIGHT, HEAT, AND POWER, MADE FROM COAL CRUSHED TO A FINENESS, THEN TREATED WITH OXIDIZING REAGENTS AND A BINDING ADHESIVE, PASSED THROUGH A BINDING PRESS, BINDING SAME INTO A COMPLETE ARTICLE, OVAL SHAPE. CLEAR SKY COALETTE FUEL COMPANY, East Peoria and Du Quoin, Ill.
Filed January 20, 1936. Serial No. 373,902. PUBLISHED SEPTEMBER 1, 1936. Class 1.

340,415. CLEANSER AND POLISH FOR GLASS, WINDSHIELDS, AND THE LIKE. KENNETH S. RUPP, doing business as Cleartex Co., Oakland, Calif.
Filed January 20, 1936. Serial No. 373,892. PUBLISHED AUGUST 25, 1936. Class 4.

340,416. CAST IRON ALLOY IN BAR OR OTHER FORMS. THE TURNER & SEYMOUR MANUFACTURING COMPANY, Torrington, Conn.
Filed January 18, 1936. Serial No. 373,845. PUBLISHED SEPTEMBER 1, 1936. Class 14.

340,417. COMB CASES, CIGARETTE CASES, COMPACTS, INITIALS, LOCKETS, PENDANTS, EVENING BAGS, CLIPS, CONTAINERS, BUCKLES, HAT ORNAMENTS, ALL MADE WHOLLY OR PARTLY OR PLATED WHOLLY OR PARTLY WITH PRECIOUS METALS, AND STONES FOR SETTING, AND OTHER JEWELRY FOR PERSONAL WEAR OR ADORNMENT, NOT INCLUDING WATCHES. COHN & ROSENBERGER, INC., New York, N. Y.
Filed December 31, 1935. Serial No. 373,200. PUBLISHED SEPTEMBER 1, 1936. Class 28.

340,418. AUTOMOBILE SAFETY REFLECTING SIGNAL LENSES. DORAY LAMP CO., INC., Chicago, Ill.
Filed December 26, 1935. Serial No. 373,075. PUBLISHED SEPTEMBER 1, 1936. Class 19.

340,419. WATERPROOFED WOVEN CLOTH MANUFACTURED FROM TWISTED YARNS MADE FROM PAPER OF VARIOUS KINDS OR TWISTED WARP OR WOOF OF THIS OR OTHER WATERPROOFED MATERIAL OR IN COMBINATION WITH OTHER WATERPROOFED MATERIAL INTENDED TO BE USED FOR UPHOLSTERING FURNITURE, AUTOMOBILE SEAT COVERS, WINDOW SHADES, WALL PANELS, SCREENS, AND OTHER INTERIOR DECORATING PURPOSES AND FOR LUGGAGE OF VARIOUS KINDS. NUART FIBRE PRODUCTS COMPANY, branch of American Manufacturing Company, Boston, Mass., and Brooklyn, N. Y.
Filed December 14, 1935. Serial No. 372,632. PUBLISHED SEPTEMBER 1, 1936. Class 50.

340,420. CHAINS. COLUMBUS MCKINNON CHAIN CORPORATION, Tonawanda, N. Y.
Filed November 22, 1935. Serial No. 371,853. PUBLISHED SEPTEMBER 1, 1936. Class 13.

340,421. CLEANER FOR AUTOMOBILES, FLOORS, WALLS, FURNITURE, FLOOR-COVERINGS, AND THE LIKE. MAPOR CORPORATION, New York, N. Y.
Filed November 8, 1935. Serial No. 371,354. PUBLISHED AUGUST 25, 1936. Class 4.

340,422. WINES. PIERRE-BONARD, INC., New York, N. Y.
Filed October 4, 1935. Serial No. 370,032. PUBLISHED SEPTEMBER 1, 1936. Class 47.

340,423. BATTERY CHARGERS. BALDOR ELECTRIC COMPANY, St. Louis, Mo.
Filed August 8, 1935. Serial No. 368,094. PUBLISHED SEPTEMBER 1, 1936. Class 21.

340,424. WRAPPERS, BAGS, AND CONTAINERS PRODUCED WHOLLY OR IN PART FROM PAPER OR CELLULOSE SHEETING. SHELLMAR PRODUCTS COMPANY, Mount Vernon, Ohio.
Filed July 24, 1935. Serial No. 367,630. PUBLISHED SEPTEMBER 1, 1936. Class 2.

340,425. AUTOMOTIVE PRODUCTS COMPRISING PORTABLE PATCHING KITS FOR MENDING PNEUMATIC TIRES AND TUBES. BOWES SEAL FAST CORPORATION, Indianapolis, Ind.
Filed July 24, 1935. Serial No. 367,596. PUBLISHED SEPTEMBER 1, 1936. Class 35.

340,426. SILVER PLATED TABLEWARE AND CUTLERY. ONEIDA LTD., Sherrill, and Oneida, N. Y., and Northampton, Mass.
Filed June 22, 1935. Serial No. 366,529. PUBLISHED AUGUST 18, 1936. Class 28.

340,427. PREPARED FERTILIZER CONTAINING A COTTONSEED MEAL BASE. FORT SMITH COTTON OIL CO., Fort Smith, Ark.
Filed March 23, 1936. Serial No. 376,272. PUBLISHED SEPTEMBER 1, 1936. Class 10.

340,428. PAPER BAGS. UNION BAG & PAPER CORPORATION, New York N. Y.
Filed July 3, 1936. Serial No. 380,601. PUBLISHED SEPTEMBER 1, 1936. Class 2.

340,429. PAPER BAGS. UNION BAG & PAPER CORPORATION, New York, N. Y.
Filed July 3, 1936. Serial No. 380,602. PUBLISHED SEPTEMBER 1, 1936. Class 2.

340,430. FRESH CITRUS FRUIT. FULLERTON CO-OPERATIVE ORANGE ASSN., Fullerton, Calif.
Filed July 6, 1936. Serial No. 380,631. PUBLISHED SEPTEMBER 1, 1936. Class 46.

340,431. FRESH CITRUS FRUIT. FULLERTON CO-OPERATIVE ORANGE ASSN., Fullerton, Calif.
Filed July 6, 1936. Serial No. 380,632. PUBLISHED SEPTEMBER 1, 1936. Class 46.

340,432. FRESH CITRUS FRUIT. FULLERTON CO-OPERATIVE ORANGE ASSN., Fullerton, Calif.
Filed July 6, 1936. Serial No. 380,633. PUBLISHED SEPTEMBER 1, 1936. Class 46.

340,433. COMBINATION DESK, CABINET, AND CHAIR. ARTHUR J. WILKIN, San Pedro, Calif.
Filed July 6, 1936. Serial No. 380,687. PUBLISHED SEPTEMBER 1, 1936. Class 32.

340,434. PRESERVATIVES FOR YARNS, CLOTHS, AND SILKS. EUGENE TEITELBAUM, doing business as Ebsa Company, Brooklyn, N. Y.
Filed July 7, 1936. Serial No. 380,727. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,435. PAPER GARMENT AND STORAGE BAGS. UNION BAG & PAPER CORPORATION, New York, N. Y.
Filed July 7, 1936. Serial No. 380,728. PUBLISHED SEPTEMBER 1, 1936. Class 2.

340,436. PIECE GOODS MADE WHOLLY OR PARTIALLY OF CELLULOSE DERIVATIVES. CELANESE CORPORATION OF AMERICA, New York, N. Y.
Filed July 8, 1936. Serial No. 380,757. PUBLISHED SEPTEMBER 1, 1936. Class 42.

340,437. CANNED CHICKEN AND EGG NOODLES AND CANNED SPAGHETTI. PENTHOUSE FOODS, INC., Seattle, Wash.
Filed July 8, 1936. Serial No. 380,790. PUBLISHED SEPTEMBER 1, 1936. Class 46.

340,438. SENSITIZED PHOTOGRAPHIC FILM. AGFA ANSCO CORPORATION, Binghamton, N. Y.
Filed July 10, 1936. Serial No. 380,855. PUBLISHED SEPTEMBER 1, 1936. Class 26.

340,439. ACCORDIONS. CHICAGO MUSICAL INSTRUMENT COMPANY, Chicago, Ill.
Filed July 11, 1936. Serial No. 380,903. PUBLISHED SEPTEMBER 1, 1936. Class 36.

340,440. ELECTRICAL GOODS AND APPARATUS COMPRISING ELECTRICALLY OPERATED SIGNALING BELLS, ELECTRICALLY OPERATED AUDIBLE SIGNALING DEVICES SUCH AS HORNS, ETC. EDWARDS AND COMPANY, INC., New York, N. Y.
Filed July 11, 1936. Serial No. 380,906. PUBLISHED SEPTEMBER 1, 1936. Class 21.

340,441. TEXTILE FABRICS IN THE PIECE—NAMELY, SILK, COTTON, WOOL, RAYON, ARTIFICIAL SILK AND COMBINATIONS OF THE SAME. HAMILTON PRINT WORKS, Paterson, N. J.
Filed July 11, 1936. Serial No. 380,910. PUBLISHED SEPTEMBER 1, 1936. Class 42.

340,442. BURIAL CASKETS AND SARCOPHAGI. NATIONAL CASKET COMPANY INCORPORATED, Long Island City, N. Y.
Filed July 11, 1936. Serial No. 380,918. PUBLISHED SEPTEMBER 1, 1936. Class 2.

340,443. SHADE CLOTH. THE CHAS. W. BRENEMAN CO., Cincinnati, Ohio.
Filed July 13, 1936. Serial No. 380,943. PUBLISHED SEPTEMBER 1, 1936. Class 42.

340,444. VARNISHES. CHARLES CHARCOWSKY, INC., New York, N. Y.
Filed July 13, 1936. Serial No. 380,944. PUBLISHED SEPTEMBER 1, 1936. Class 16.

340,445. LACQUER PRIMER SURFACER. VALENTINE & COMPANY, New York, N. Y.
Filed July 21, 1936. Serial No. 381,300. PUBLISHED SEPTEMBER 1, 1936. Class 16.

340,446. CHEMICAL DYEING PREPARATIONS AND CHEMICAL SOLVENTS FOR RUBBER. BÖHME FETTCHEMIE-GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, Chemnitz, Germany.
Filed March 28, 1936. Serial No. 376,524. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,447. AEROPLANES AND STRUCTURAL PARTS OF AEROPLANES. DORNIER-METALLBAUTEN G. m. b. H., Friedrichshafen-on-the-Bodensee, Germany.
Filed April 1, 1936. Serial No. 376,664. PUBLISHED SEPTEMBER 1, 1936. Class 19.

340,448. MUSCATEL. K. ARAKELIAN, INC., Madera, Calif., and New York, N. Y.
Filed May 7, 1936. Serial No. 378,123. PUBLISHED SEPTEMBER 1, 1936. Class 47.

340,449. WHEAT FLOUR. ADA MILLING COMPANY, doing business as Farmer's Mill, Ada, Okla.
Filed May 13, 1936. Serial No. 378,384. PUBLISHED SEPTEMBER 1, 1936. Class 46.

340,450. HEAD PHONES, MICROPHONES AND MICROPHONE STANDS, HIGH FREQUENCY TWEETERS, CABLE AND CABLE ACCESSORIES, LOUD SPEAKERS, PHONOGRAPH PICK UPS, RELAYS, PIEZO ELECTRIC CRYSTALS, CRYSTAL ELEMENTS, OSCILLOSCOPE UNITS. THE BRUSH DEVELOPMENT COMPANY, Cleveland, Ohio.
Filed May 13, 1936. Serial No. 378,391. PUBLISHED SEPTEMBER 1, 1936. Class 21.

340,451. DUPLICATING FLUID. STANDARD MAILING MACHINES COMPANY, Everett, Mass.
Filed May 14, 1936. Serial No. 378,457. PUBLISHED SEPTEMBER 1, 1936. Class 11.

340,452. WARP LOOMS, WINDING MACHINES, WARPING MACHINES, WEAVING LOOMS, LACE MACHINES, BRAID MACHINES, SPINNING MACHINES, DYEING MACHINES, AND FINISHING MACHINES, ALL BEING TEXTILE MACHINERY. THE BENTLEY ENGINEERING COMPANY LIMITED, Leicester, England.
Filed May 16, 1936. Serial No. 378,518. PUBLISHED SEPTEMBER 1, 1936. Class 23.

340,453. FARM AND GARDEN SEEDS, FRUIT TREES AND SHRUBBERY. ROBERT HAMILTON ALEXANDER, Scott, Ark.
Filed May 18, 1936. Serial No. 378,542. PUBLISHED SEPTEMBER 1, 1936. Class 1.

340,454. JEWELRY FOR PERSONAL WEAR OR ADORNMENT, NOT INCLUDING WATCHES. TAU EPSILON PHI FRATERNITY, INC., New York, N. Y.
Filed May 20, 1936. Serial No. 378,682. PUBLISHED AUGUST 25, 1936. Class 28.

340,455. REFRIGERATORS AND REFRIGERATING APPARATUS, NOT INCLUDING AIR CONDITIONING AND VENTILATING SYSTEMS. SERVEL, INC., New York, N. Y.
Filed November 5, 1932. Serial No. 331,933. PUBLISHED DECEMBER 27, 1932. Class 31.

340,456. WHITE SHOE CLEANER. CONSTANTINE T. SPIROPULOS, doing business as Marvel Chemical Mfg. Co., New York, N. Y.
Filed March 30, 1933. Serial No. 336,234. PUBLISHED JULY 18, 1933. Class 4.

340,457. HOSIERY. DEXDALE HOSIERY MILLS, Lansdale, Pa.
Filed September 5, 1934. Serial No. 355,730. PUBLISHED SEPTEMBER 1, 1936. Class 39.

340,458. FERTILIZER. PACIFIC TRADING COMPANY, INC., San Francisco, Calif.
Filed November 12, 1934. Serial No. 358,149. PUBLISHED SEPTEMBER 1, 1936. Class 10.

340,459. WINES. JOSEPH S. CONCANNON, doing business as Concannon Vineyards, Livermore, Calif.
Filed January 24, 1935. Serial No. 360,624. PUBLISHED SEPTEMBER 1, 1936. Class 47.

340,460. CYCLE HUBS, BRAKES, AND COASTER BRAKES, AND THEIR PARTS. THE NEW DEPARTURE MANUFACTURING COMPANY, Bristol, Conn.
Filed February 1, 1935. Serial No. 360,933. PUBLISHED SEPTEMBER 1, 1936. Class 19.

340,461. CYCLE HUBS, BRAKES, AND COASTER BRAKES, AND THEIR PARTS. THE NEW DEPARTURE MANUFACTURING COMPANY, Bristol, Conn.
Filed February 1, 1935. Serial No. 360,934. PUBLISHED SEPTEMBER 1, 1936. Class 19.

340,462. PADS USED IN THE PERMANENT WAVING OF HUMAN HAIR. E. FREDERICS, INC., New York, N. Y.
Filed February 6, 1935. Serial No. 361,086. PUBLISHED AUGUST 27, 1935. Class 44.

340,463. STICKY FLY PAPER. THE O. & W. THUM COMPANY, Grand Rapids, Mich.
Filed June 1, 1935. Serial No. 365,711. PUBLISHED SEPTEMBER 1, 1936. Class 50.

340,464. CLOSURE DEVICES FOR AUTOMOBILES—NAMELY, GAS TANK CAPS, RADIATOR CAPS, HUB CAPS, AND OIL FILLER CAPS. EATON DETROIT METAL COMPANY, Cleveland, Ohio.
Filed June 8, 1935. Serial No. 365,931. PUBLISHED SEPTEMBER 1, 1936. Class 19.

340,465. KNITTED, NETTED, AND TEXTILE FABRICS COMPOSED WHOLLY OR IN PART OF YARN OF ARTIFICIAL ORIGIN, THE SAID FABRICS, WHEN NOT COMPOSED ENTIRELY OF YARN OF ARTIFICIAL ORIGIN, CONTAINING RUBBER IN CERTAIN PROPORTIONS. NORTH AMERICAN RAYON CORPORATION, New York, N. Y.
Filed June 20, 1935. Serial No. 366,426. PUBLISHED SEPTEMBER 1, 1936. Class 42.

340,466. KNITTED, NETTED, AND TEXTILE FABRICS COMPOSED WHOLLY OR IN PART OF YARN OF ARTIFICIAL ORIGIN, THE SAID FABRICS, WHEN NOT COMPOSED ENTIRELY OF YARN OF ARTIFICIAL ORIGIN, CONTAINING RUBBER IN CERTAIN PROPORTIONS. NORTH AMERICAN RAYON CORPORATION, New York, N. Y.
Filed June 20, 1935. Serial No. 366,428. PUBLISHED SEPTEMBER 1, 1936. Class 42.

340,467. THREAD AND YARN OF ARTIFICIAL ORIGIN. NORTH AMERICAN RAYON CORPORATION, New York, N. Y.
Filed June 20, 1935. Serial No. 366,429. PUBLISHED SEPTEMBER 1, 1936. Class 43.

340,468. YARNS FOR ART NEEDLEWORK. BERNHARD ULMANN CO. INC., New York, N. Y.
Filed June 5, 1936. Serial No. 379,363. PUBLISHED SEPTEMBER 1, 1936. Class 43.

340,469. PERIODICAL. CYCLIST PUBLISHING COMPANY, INC., New York, N. Y.
Filed June 9, 1936. Serial No. 379,471. PUBLISHED SEPTEMBER 1, 1936. Class 38.

340,470. CANDY. KERR'S BUTTER SCOTCH, INC., Brooklyn, N. Y.
Filed June 9, 1936. Serial No. 379,477. PUBLISHED SEPTEMBER 1, 1936. Class 46.

340,471. RAZOR BLADES AND POCKET KNIVES FOR PERSONAL USE. DANIEL H. RIDER, doing business as Gay Blade Co., New York, N. Y.
Filed June 10, 1936. Serial No. 379,496. PUBLISHED SEPTEMBER 1, 1936. Class 23.

340,472. ACCESSORY DEVICES USED WITH INTERNAL COMBUSTION ENGINES—NAMELY, LUBRICATING OIL AND GASOLINE FILTERS FOR STRAINING THE LUBRICATING OIL AND GASOLINE IN INTERNAL COMBUSTION ENGINE SYSTEMS AND REPLACEMENT FILTERING ELEMENTS OF SUCH DEVICES. A C SPARK PLUG COMPANY, Flint, Mich.
Filed June 11, 1936. Serial No. 379,544. PUBLISHED SEPTEMBER 1, 1936. Class 23.

340,473. IODINE PREPARATION IN POWDER FORM FOR ANTISEPTIC AND GERMICIDAL USE. DRIODINE CORPORATION, Los Angeles, Calif.
Filed June 11, 1936. Serial No. 379,551. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,474. DENTAL MATERIALS, SUPPLIES, AND PRODUCTS — NAMELY, DENTURE BLANKS; DENTURE BASE MATERIALS, AND STONE PLASTER. DELUX-O-DENT CORPORATION, Philadelphia, Pa.
Filed June 13, 1936. Serial No. 379,682. PUBLISHED SEPTEMBER 1, 1936. Class 44.

340,475. PRETZELS, PRETZEL STICKS. BECKER PRETZEL BAKERIES INC., Baltimore, Md.
Filed June 13, 1936. Serial No. 379,780. PUBLISHED SEPTEMBER 1, 1936. Class 46.

340,476. PACKING AND LUBRICATING COMPOUNDS FOR PLASTIC-CONCRETE HANDLING VALVES. CHAIN BELT COMPANY, Milwaukee, Wis.
Filed June 16, 1936. Serial No. 379,785. PUBLISHED AUGUST 25, 1936. Class 15.

340,477. JEWELRY FOR PERSONAL WEAR, NOT INCLUDING WATCHES. GIRL SCOUTS, (INCORPORATED), New York, N. Y.
Filed June 16, 1936. Serial No. 379,796. PUBLISHED AUGUST 25, 1936. Class 28.

340,478. MONTHLY PUBLICATION. THEODORE A. HARRIS, New York, N. Y.
Filed June 16, 1936. Serial No. 379,799. PUBLISHED SEPTEMBER 1, 1936. Class 38.

340,479. LEATHER. GUTMANN AND COMPANY, Chicago, Ill.
Filed June 17, 1936. Serial No. 379,841. PUBLISHED SEPTEMBER 1, 1936. Class 1.

340,480. LADIES' AND CHILDREN'S PAJAMAS MADE OF TEXTILE AND KNITTED MATERIALS. BELLE KNITTING CORPORATION, New York, N. Y.
Filed June 18, 1936. Serial No. 379,868. PUBLISHED AUGUST 11, 1936. Class 39.

340,481. ALUMINUM ALLOYS AND ROUGH OR SEMI-FINISHED ARTICLES CAST OR FORGED THEREFROM, INCLUDING PISTONS. ALUMINUM COMPANY OF AMERICA, Pittsburgh, Pa.
Filed June 19, 1936. Serial No. 379,941. PUBLISHED SEPTEMBER 1, 1936. Class 14.

340,482. SODA CRACKERS AND GRAHAM CRACKERS. ANTHONY MACARONI AND PRETZEL COMPANY, INC., Los Angeles, Calif.
Filed June 19, 1936. Serial No. 379,942. PUBLISHED SEPTEMBER 1, 1936. Class 46.

340,483. MOTOR LUBRICATING OILS AND GASOLINE. THE LEONARD COMPANY, Chicago, Ill.
Filed June 19, 1936. Serial No. 379,965. PUBLISHED AUGUST 25, 1936. Class 15.

340,484. DRY STENCILS FOR DUPLICATING MACHINES AND A CORRECTION FLUID USED IN CORRECTING ERRORS MADE ON STENCILS. MITTAG & VOLGER, INCORPORATED, Park Ridge, N. J.
Filed June 19, 1936. Serial No. 379,966. PUBLISHED SEPTEMBER 1, 1936. Class 37.

340,485. FIELD, GARDEN, AND GRASS SEEDS. THE O. M. SCOTT & SONS COMPANY, Marysville, Ohio.
Filed June 19, 1936. Serial No. 379,976. PUBLISHED SEPTEMBER 1, 1936. Class 1.

340,486. FACIAL TISSUE. CHARLES CROYDON CORPORATION, Long Island City, N. Y.
Filed June 18, 1936. Serial No. 379,900. PUBLISHED SEPTEMBER 1, 1936. Class 37.

340,487. PAPER AND STATIONERY, PARTICULARLY STENCIL SHEETS. SHINJIRO HORII, Kanda-Ku, Tokyo, Japan.
Filed June 20, 1936. Serial No. 379,999. PUBLISHED SEPTEMBER 1, 1936. Class 37.

340,488. PIPE TOBACCO. WOODWARD & LOTHROP, Washington, D. C.
Filed June 26, 1936. Serial No. 380,323. PUBLISHED SEPTEMBER 1, 1936. Class 17.

340,489. PLASTIC MATERIAL IN THE FORM OF SHEETS, FOILS, FILMS, RODS, OR TUBES. CELLULOID CORPORATION, Newark, N. J.
Filed June 27, 1936. Serial No. 380,340. PUBLISHED SEPTEMBER 1, 1936. Class 1.

340,490. PINEAPPLE JUICE FOR FOOD PURPOSES. HAWAIIAN CANNERIES COMPANY, LTD., Kapaa, Kauai, Territory of Hawaii.
Filed June 29, 1936. Serial No. 380,398. PUBLISHED SEPTEMBER 1, 1936. Class 46.

340,491. HAND SOAP. SUGAR BEET PRODUCTS COMPANY, Saginaw, Mich.
Filed June 29, 1936. Serial No. 380,414. PUBLISHED AUGUST 25, 1936. Class 4.

340,492. STEREOTYPE MATRICES. THE CRESSET COMPANY, New York, N. Y.
Filed June 30, 1936. Serial No. 380,440. PUBLISHED SEPTEMBER 1, 1936. Class 50.

340,493. TOOTHPICKS. ESTATE OF CHARLES FORSTER, Strong, Maine.
Filed June 30, 1936. Serial No. 380,450. PUBLISHED SEPTEMBER 1, 1936. Class 44.

340,494. TOOTHPICKS. ESTATE OF CHARLES FORSTER, Strong, Maine.
Filed June 30, 1936. Serial No. 380,451. PUBLISHED SEPTEMBER 1, 1936. Class 44.

340,495. COAL. THE PITTSTON COMPANY, Dunmore, Pa., and New York, N. Y.
Filed June 30, 1936. Serial No. 380,457. PUBLISHED SEPTEMBER 1, 1936. Class 1.

340,496. TYPEWRITER RIBBONS AND CARBON PAPERS. RAPHAEL RAPP, doing business as Bonty Ribbon & Carbon Co., New York, N. Y.
Filed June 30, 1936. Serial No. 380,458. PUBLISHED SEPTEMBER 1, 1936. Class 11.

340,497. PERIODICAL, PUBLISHED MONTHLY. ESQUIRE, INC., Chicago, Ill.
Filed July 1, 1936. Serial No. 380,473. PUBLISHED SEPTEMBER 1, 1936. Class 38.

340,498. ABRASIVE STONES, STICKS, BRICKS, AND SEGMENTS, ABRASIVE, GRINDING, SHARPENING, AND POLISHING WHEELS, AND ABRASIVE OR POLISHING GRAIN OR POWDER. NORTON COMPANY, Worcester, Mass.
Filed July 1, 1936. Serial No. 380,480. PUBLISHED AUGUST 25, 1936. Class 4.

340,499. BEER. BURTON PRODUCTS, INC., Paterson, N. J.
Filed July 2, 1936. Serial No. 380,496. PUBLISHED SEPTEMBER 1, 1936. Class 48.

340,500. UMBRELLAS. ELMER KREIS & Co., Chicago, Ill.
Filed July 2, 1936. Serial No. 380,517. PUBLISHED SEPTEMBER 1, 1936. Class 41.

340,501. SHOE CLEANING AND POLISHING COMPOUNDS IN LIQUID AND PASTE FORM. IT SHOE POLISH COMPANY, INC., Baltimore, Md.
Filed July 3, 1936. Serial No. 380,571. PUBLISHED AUGUST 25, 1936. Class 4.

340,502. COFFEE, WHEAT FLOUR, AND VINEGAR. ROYAL BLUE STORES, INC., Chicago, Ill.
Filed April 4, 1936. Serial No. 376,816. PUBLISHED SEPTEMBER 1, 1936. Class 46.

340,503. AEROPLANES AND STRUCTURAL PARTS OF AEROPLANES. DORNIER-METALLBAUTEN G. M. B. H., Friedrichshafen-on-the-Bodensee, Germany.
Filed April 7, 1936. Serial No. 376,881. PUBLISHED SEPTEMBER 1, 1936. Class 19.

340,504. FURNACE UNITS HEATED BY GAS OR FUEL OIL HAVING MEANS FOR HEATING, COOLING, CLEANING, HUMIDIFYING, DEHUMIDIFYING, AND CIRCULATING AIR. REYNOLDS CORPORATION, New York, N. Y.
Filed April 7, 1936. Serial No. 376,919. PUBLISHED SEPTEMBER 1, 1936. Class 34.

340,505. FURNACE UNITS HEATED BY GAS OR FUEL OIL HAVING MEANS FOR HEATING, COOLING, CLEANING, HUMIDIFYING, DEHUMIDIFYING, AND CIRCULATING AIR. REYNOLDS CORPORATION, New York, N. Y.
Filed April 7, 1936. Serial No. 376,921. PUBLISHED SEPTEMBER 1, 1936. Class 34.

340,506. SALAD DRESSINGS, INCLUDING THAT FORM OR TYPE FAMILIARLY KNOWN AS MAYONNAISE. MRS. SCHLORER'S, INC., Philadelphia, Pa.
Filed April 8, 1936. Serial No. 376,961. PUBLISHED SEPTEMBER 1, 1936. Class 46.

340,507. MATHEMATICAL CALCULATOR ON A CIRCULAR DISK. OLIVER H. THEOPHILUS, New Concord, Ohio.
Filed April 9, 1936. Serial No. 377,034. PUBLISHED SEPTEMBER 1, 1936. Class 26.

340,508. PAPER FOR STATIONERY USE—NAMELY, CARDS AND PRINTING BRISTOL. DITTO, INCORPORATED, Chicago, Ill.
Filed April 11, 1936. Serial No. 377,104. PUBLISHED SEPTEMBER 1, 1936. Class 37.

340,509. PAPER FOR STATIONERY USE—NAMELY, CARDS AND PRINTING BRISTOL. DITTO, INCORPORATED, Chicago, Ill.
Filed April 11, 1936. Serial No. 377,103. PUBLISHED SEPTEMBER 1, 1936. Class 37.

340,510. BRASSIÈRES, BANDEAUS, CORSETS, CORSELETS, AND GIRDLES. FAY-MISS BRASSIERE CO. INC., New York, N. Y.
Filed April 11, 1936. Serial No. 377,111. PUBLISHED AUGUST 4, 1936. Class 39.

340,511. PAPER CEDAR CHESTS AND CLOSETS OR THE LIKE. STORAGE CHESTS & CLOSETS CORP., New York, N. Y.
Filed April 16, 1936. Serial No. 377,289. PUBLISHED SEPTEMBER 1, 1936. Class 2.

340,512. UNIT ROOM HEATERS AND ROOM COOLING UNITS AND ROOM VENTILATING FANS. AIR DEVICES CORPORATION, Chicago, Ill.
Filed April 20, 1936. Serial No. 377,375. PUBLISHED SEPTEMBER 1, 1936. Class 34.

340,513. WINES. MELLIE C. BERNARD, doing business as The Waldensian Winery, Icard, N. C.
Filed April 23, 1936. Serial No. 377,534. PUBLISHED SEPTEMBER 1, 1936. Class 47.

340,514. MATTRESSES, SOFAS, DIVANS, BOX SPRINGS, INNER SPRINGS FOR MATTRESSES, PILLOWS, DAY-BEDS, STUDIO COUCHES, COUCHES, BEDS, AND MATTRESS PADS. HONORBILT PRODUCTS, INC., Philadelphia, Pa.
Filed April 22, 1936. Serial No. 377,618. PUBLISHED SEPTEMBER 1, 1936. Class 32.

340,515. YARNS FOR ART NEEDLEWORK. BERNHARD ULMANN CO. INC., New York, N. Y.
Filed April 28, 1936. Serial No. 377,759. PUBLISHED SEPTEMBER 1, 1936. Class 43.

340,516. MEN'S AND WOMEN'S CLOTHING—NAMELY, SUITS, TROUSERS, SKIRTS, CLOAKS, TOPCOATS, AND OVERCOATS. HYMAN TIPLITZ INC., New York, N. Y.
Filed May 2, 1936. Serial No. 377,948. PUBLISHED SEPTEMBER 1, 1936. Class 39.

340,517. WINE. PADRE VINEYARD COMPANY, Los Angeles and Cucamonga, Calif.
Filed May 4, 1936. Serial No. 377,994. PUBLISHED SEPTEMBER 1, 1936. Class 47.

340,518. SHOWER CURTAINS. RICHARDS, BOGGS AND KINO, INC., Chicago, Ill.
Filed May 4, 1936. Serial No. 378,004. PUBLISHED SEPTEMBER 1, 1936. Class 18.

340,519. WHEAT FLOUR. TENNANT & HOYT COMPANY, Lake City, Minn.
Filed May 6, 1936. Serial No. 378,112. PUBLISHED SEPTEMBER 1, 1936. Class 46.

340,520. CLARET. K. ARAKELIAN, INC., Madera, Calif., and New York, N. Y.
Filed May 7, 1936. Serial No. 378,118. PUBLISHED SEPTEMBER 1, 1936. Class 47.

340,521. SHERRY. K. ARAKELIAN, INC., Madera, Calif., and New York, N. Y.
Filed May 7, 1936. Serial No. 378,120. PUBLISHED SEPTEMBER 1, 1936. Class 47.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

340,522. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BUFFALO NUT SHOPS, INC., Buffalo, N. Y. Filed June 17, 1936. Serial No. 379,988.

Buffalo Nut Shops—
INC.

For Raw and Roasted Nut Meats and Peanuts of All Kinds, Coconut, Glace Fruits.
Claims use since April, 1930.

340,523. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) INDICATOR CORPORATION, Newark, N. J. Filed June 13, 1936. Serial No. 379,705.

INDICATOR "6"

For Fuse Plugs.
Claims use since Sept. 26, 1935.

340,524. (CLASS 39. CLOTHING.) ARNOLD CONSTABLE & Co., New York, N. Y. Filed June 9, 1936. Serial No. 379,467.

"Non-Sag"
Arnold Constable & Co

For Bouclé and Woolen Dresses for Women, Misses, and Children.
Claims use since Sept. 14, 1935.

340,525. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) CLAUD C. CRAVEN, doing business as C. C. Craven Co., Kansas City, Mo. Filed Feb. 1, 1936. Serial No. 374,357.

PISTON Triple SEAL RING

For Piston Rings.
Claims use since Jan. 13, 1936.

340,526. (CLASS 39. CLOTHING.) BLOOMINGDALE BROS., INC., New York, N. Y. Filed Nov. 20, 1935. Serial No. 371,755.

Vest-Eze

For Men's Backless Vests.
Claims use since Sept. 16, 1935.

340,527. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) TECHNICAL COLOR & CHEMICAL WORKS, INC., Brooklyn, N. Y. Filed Nov. 14, 1935. Serial No. 371,561.

TECHNICOLOR

For Paint Enamels.
Claims use since September, 1935.

340,528. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ELLYN DELEITH, INC., New York, N. Y. Filed Oct. 24, 1935. Serial No. 370,759.

Ellyn Deleith

For Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Face Bleaches, Face Packs, Face Lotions, Skin Whitener in Liquid, Cream, or Solid Form, Eyebrow and Eyelash Grower, Eyedrops, Eyebrow Pencils, Chemical Preparations for the Darkening of Eyelashes and Eyebrows, Hand Lotions, Skin Lotions, After Shaving Lotions, Pomades, Face Powders, Talcum Powders, Bath Powders, Bath Tablets, Sachets, Hair Salves, Hair Elixirs, Dandruff Preparations, Hair Tonics, Hair Oils, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lip Sticks, Incense, Tooth Powders, Mouth Washes, Dentifrices, Tooth Pastes, Depilatories, Nail Powders, Nail Polishes, Nail Creams, Nail Bleaches, Witch Hazel Salve, Camphor Creams, Foot Powders, Corn Salves, Deodorants, Disinfectants, Bay Rum, Perfumes, and Toilet Waters.
Claims use since April, 1935.

340,529. (CLASS 39. CLOTHING.) RICH-STIX DRY GOODS CO., St. Louis, Mo. Filed Oct. 21, 1935. Serial No. 370,689.

DuVal

For Work and Dress Shirts and Blouses for Men and Boys, and Shirt Parts—Namely, Collars and Cuffs.
Claims use since Sept. 27, 1935.

340,530. (CLASS 39. CLOTHING.) KAYLON, INC., New York, N. Y. Filed Oct. 14, 1935. Serial No. 370,349.

Fabrique Elégant

For Men's, Women's, and Children's Pajamas.
Claims use since July, 1935.

340,531. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EDWARD A. KELLER, doing business as Keller Products Co., Bowling Green, Ohio. Filed Oct. 4, 1935. Serial No. 370,004.

KELLERMINT

For Cough Medicines.
Claims use since Sept. 15, 1934.

340,532. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EDGAR P. LEWIS & SONS, INC., doing business as The Sweet Breath Co. of America, Malden, Mass. Filed Sept. 7, 1935. Serial No. 369,086.

Sweet Breath

For Candy.
Claims use since Aug. 15, 1935.

340,533. (CLASS 39. CLOTHING.) ARONSON-CAPLIN COMPANY, INC., New York, N. Y. Filed Aug. 24, 1935. Serial No. 368,649.

SHADOBAK

For Women's Apparel Comprising: Slips, Bloomers, Petticoats, Nightgowns, Pajamas, Chemises, Step-Ins, and Panties.
Claims use since Aug. 1, 1935.

340,534. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE EXHIBIT SUPPLY COMPANY, Chicago, Ill. Filed July 5, 1935. Serial No. 366,985.

KEYBOARD

For Coin Controlled Amusement Apparatus.
Claims use since June 25, 1935.

340,535. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ALBERS BROS. MILLING CO., Portland, Oreg., and San Francisco, Oakland, Los Angeles, Riverside, Fresno, Sacramento, and San Jose, Calif., and Seattle, Tacoma, and Spokane, Wash. Filed June 15, 1934. Serial No. 352,704.

Albers

Flapjack

For a Mixed Flour Composed of Wheat, Buckwheat, Rice and Rye Flour Ingredients.
Claims use since Jan. 1, 1900.

340,536. (CLASS 39. CLOTHING.) LANG-KOHN MANUFACTURING COMPANY, St. Louis, Mo. Filed Nov. 2, 1935. Serial No. 371,246.

Ann Forsythe DESIGN

For Women's, Misses', and Girls' Dresses.
Claims use since Sept. 1, 1935.

340,537. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa., assignor to Siboney Distilling Corporation, Philadelphia, Pa., a corporation. Filed Oct. 25, 1933. Serial No. 342,884.

Gladstone Whisky

For Whiskey.
Claims use since Oct. 11, 1933.

340,538. (CLASS 39. CLOTHING.) DECELLE UNDERGARMENT CO., Sharon, Mass. Filed Sept. 4, 1936. Serial No. 382,974.

DECELLE

For Men's, Women's, Misses', and Children's Underwear and Hosiery.
Claims use since 1924.

340,539. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRANK ALSWORTH WAPLES, Houston, Tex. Filed Aug. 28, 1936. Serial No. 382,701.

SKEETER SMOKE

For a Pastille for Creating a Deterrent Smoke for Mosquitoes and Other Small Insects.
Claims use since May 1, 1932.

340,540. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WM. L. WISHART, doing business as Jacqueline Thoreau, New York, San Francisco, Calif. Filed Aug. 14, 1936. Serial No. 382,185.

Jacqueline Thoreau

For Rose Petal Lotion for the Skin, Skin Cleansing Cream, Face Powder, Cucumber Lotion, Astringent, Muscle Oil, Bath Crystals, Eye Wrinkle Cream, Eye Wrinkle Lotion, Nourishing Skin Cream, a Preparation for the Skin, Skin Lotion, Facial Creams, Hand Creams, Hand Lotions, Finger Nail Preparations, Lipsticks, Facial Lotions, Complexion Powder, Body Powder, Compact Refills.
Claims use since January, 1933.

340,541. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DAVIDSON BAKING CO., Portland, Oreg. Filed July 22, 1936. Serial No. 381,308.

Davidson's Spun Bread

For Bread.
Claims use since Jan. 7, 1933.

340,542. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) KNAPP-MONARCH COMPANY, doing business as Kwikway Co., St. Louis, Mo. Filed June 20, 1936. Serial No. 380,007.

KWIK KOOL

For Electric Fans.
Claims use since May, 1932.

TRADE-MARK REGISTRATIONS RENEWED

109,454. CERTAIN NAMED DENTAL SUPPLIES AND INSTRUMENTS. Registered April 11, 1916. SHERIDAN GALLAGHER, JR., Chicago, Ill. Renewed April 11, 1936.

110,051. SOAP. Registered May 2, 1916. LOS ANGELES SOAP CO., Los Angeles, Calif., a corporation of California. Renewed May 2, 1936.

112,186. A FACE-POWDER IN CAKE FORM. Registered August 22, 1916. HEPTAGON LABORATORIES, INC., New York, N. Y. Renewed August 22, 1936, to The Sydney Ross Co., Newark, N. J., a corporation of New Jersey, successor.

112,700. A DANDRUFF REMEDY. Registered September 19, 1916. JOSEPH J. PANZARELLA, Brooklyn, N. Y. Renewed September 19, 1936

112,790. CEMENTS, ALLOYS, WAX, AND MODELING COMPOUNDS FOR DENTISTS' USE. Registered September 26, 1916. MENAGH DENTAL SUPPLY CO., Newark, N. J. Renewed September 26, 1936, to George H. Menagh, Miami, Fla., successor.

112,893. CERTAIN NAMED DENTAL AND SURGICAL APPLIANCES. Registered October 3, 1916. THE HARVARD COMPANY, Canton, Ohio, a corporation of Ohio. Renewed October 3, 1936.

113,007. KNITTED UNDERWEAR FOR MEN, WOMEN, AND CHILDREN. Registered October 10, 1916. CARSON, PIRIE, SCOTT & CO. Renewed October 10, 1936, to Carson Pirie Scott & Company, Chicago, Ill., a corporation of Illinois, assignee.

113,158. CIGARETTE-PAPER. Registered October 10, 1916. SOCIÉTÉ ANONYME D'EXPLOITATION DES PAPETERIES L. LACROIX FILS, Angouleme, France, a societe anonyme of France. Renewed October 10, 1936.

113,159. CIGARETTE-PAPER. Registered October 10, 1916. SOCIÉTÉ ANONYME D'EXPLOITATION DES PAPETERIES L. LACROIX FILS, Angouleme, France, a societe anonyme of France. Renewed October 10, 1936.

113,268. LINENS, INCLUDING PIECE GOODS OF LINEN, AND CERTAIN NAMED LINEN ARTICLES. Registered October 10, 1916. JAMES MCCUTCHEON & CO., New York, N. Y., a corporation of New York. Renewed October 10, 1936.

113,333. COTTON PIECE GOODS AND COTTON FLANNELS. Registered October 17, 1916. AMOSKEAG MANUFACTURING COMPANY. Renewed October 17, 1936, to F. C. Dumaine, Wm. Parker Straw, J. P. Carney, trustees in liquidation of the estate of Amoskeag Manufacturing Company, Manchester, N. H.

113,453. HOSIERY. Registered October 17, 1916. JAMES A. STRUTHERS. Renewed October 17, 1936, to Strutwear Knitting Company, Minneapolis, Minn., a corporation of Minnesota, successor.

113,469. GRINDING AND POLISHING WHEELS MADE OF CARBID OF SILICON. Registered October 17, 1916. THE ABRASIVE MATERIAL COMPANY, Philadelphia, Pa. Renewed October 17, 1936, to Abrasive Company, Bridesburg, Philadelphia, Pa., a corporation of Pennsylvania, by change of name.

113,479. BITUMINOUS MATERIALS FOR BOILER-SETTINGS. Registered October 17, 1916. THE BARRETT COMPANY. Renewed October 17, 1936, to The Barrett Company, New York, N. Y., a corporation of New Jersey, assignee.

113,480. FOUNDRY FACING AND CORE COMPOUND. Registered October 17, 1916. THE BARRETT COMPANY. Renewed October 17, 1936, to The Barrett Company, New York, N. Y., a corporation of New Jersey, assignee.

113,481. CERTAIN NAMED CONSTRUCTION MATERIALS. Registered October 17, 1916. BARRETT MANUFACTURING COMPANY (now by change of name The Barrett Company, a corporation of West Virginia). Renewed October 17, 1936, to The Barrett Company, New York, N. Y., a corporation of New Jersey, assignee.

113,501. A MONTHLY PUBLICATION. Registered October 17, 1916. MILLER FREEMAN, Seattle, Wash. Renewed October 17, 1936, to Diesel Publications, Inc., New York, N. Y., a corporation of New York, successor.

113,683. SELF-RISING FLOUR. Registered October 31, 1916. CLARK MILLING COMPANY, Augusta, Ga., a corporation of Georgia. Renewed October 31, 1936.

113,776. CERTAIN NAMED MEAT PRODUCTS. Registered October 31, 1916. JOHN MORRELL & Co., Ottumwa, Iowa, a corporation of Maine. Renewed October 31, 1936.

113,777. CERTAIN NAMED MEAT PRODUCTS. Registered October 31, 1916. JOHN MORRELL & Co., Ottumwa, Iowa, a corporation of Maine. Renewed October 31, 1936.

113,880. CHEESE. Registered November 7, 1916. GERBER & Co., Thoune, Switzerland. Renewed November 7, 1936, to Gerber & Co., Inc., New York, N. Y., a corporation of New York, assignee by mesne assignments.

114,383. ALIMENTARY PASTE. Registered December 12, 1916. RAVARINO & FRESCHI IMPORTING & MFG. Co. Renewed December 12, 1936, to Ravarino & Freschi, Inc., St. Louis, Mo., a corporation of Missouri, by change of name.

114,880. BEARINGS AND BUSHINGS. Registered January 9, 1917. GENERAL ALUMINUM & BRASS MANUFACTURING COMPANY. Renewed January 9, 1937, to Bohn Aluminum & Brass Corporation, Detroit, Mich., a corporation of Michigan, assignee.

115,015. HOT-WATER BOTTLES AND FOUNTAIN-SYRINGES. Registered January 16, 1917. PENINSULAR CHEMICAL COMPANY. Renewed January 16, 1937, to The Penslar Company, Detroit, Mich., a corporation of Michigan, by change of name.

115,062. CITRUS FRUIT. Registered January 23, 1917. BROOKSVILLE CITRUS GROWERS ASSOCIATION, Brooksville, Fla., a corporation of Florida. Renewed January 23, 1937.

115,079. CERTAIN NAMED CLOTHING. Registered January 23, 1917. JOHN GATELY Co., Chicago, Ill., a corporation of Illinois. Renewed January 23, 1937.

115,221. SMOKING AND CHEWING TOBACCO. Registered January 30, 1917. CHRISTIAN PEPER TOBACCO Co. Renewed January 30, 1937, to Christian Peper Tobacco Company, St. Louis, Mo., a corporation of Delaware, successor.

115,605. RUBBER TIRES OR TIRE-CASINGS WITH SUITABLE STRENGTHENING MATERIAL AND INNER TUBES FOR PNEUMATIC TIRES. Registered February 27, 1917. THE GENERAL TIRE AND RUBBER COMPANY, Akron, Ohio, a corporation of Ohio. Renewed February 27, 1937.

115,612. CANNED FRUITS AND VEGETABLES. Registered February 27, 1917. H. C. HEMINGWAY & Co., Syracuse, N. Y. Renewed February 27, 1937, to H. C. Hemingway & Co., Auburn, N. Y., a corporation of New York.

115,626. ENAMEL PAINTS. Registered February 27, 1917. KEYSTONE VARNISH COMPANY, Brooklyn, N. Y., a corporation of New York. Renewed February 27, 1937.

115,707. WHEAT-FLOUR. Registered February 27, 1917. WASHBURN-CROSBY Co. Renewed February 27, 1937, to General Mills, Inc., Minneapolis, Minn., a corporation of Delaware, assignee.

115,708. WHEAT-FLOUR. Registered February 27, 1917. WASHBURN-CROSBY Co. Renewed February 27, 1937, to General Mills, Inc., Minneapolis, Minn., a corporation of Delaware, assignee.

115,739. A DEPILATORY POWDER. Registered March 6, 1917. HALL & RUCKEL, INC., New York, N. Y., a corporation of New York. Renewed March 6, 1937.

115,833. REGULATING AND REDUCING VALVES AND OTHER METALLIC VALVES FOR GENERAL PURPOSES. Registered March 13, 1917. THE BASTIAN-BLESSING COMPANY, Chicago, Ill., a corporation of Illinois. Renewed March 13, 1937.

115,970. WRITING AND PRINTING PAPERS. Registered March 27, 1917. KEITH PAPER COMPANY, Turners Falls, Mass., a corporation of Massachusetts. Renewed March 27, 1937.

115,975. CERTAIN NAMED PIECE GOODS AND DRESS FABRICS. Registered March 27, 1917. LESHER, WHITMAN & Co. INC., New York, N. Y. Renewed March 27, 1937, to Goodall Worsted Co., Sanford, Maine, a corporation of Maine, successor.

115,999. WOOD-STAINS, WOOD-FILLERS, VARNISHES, ENAMELS, AND DRY AND READY-MIXED PAINTS. Registered March 27, 1917. PRATT & LAMBERT-INC., Buffalo, N. Y., a corporation of New York. Renewed March 27, 1937.

116,010. CANNED FRUITS, CANNED VEGETABLES, TOMATO CATSUP, AND APPLE-CIDER VINEGAR. Registered March 27, 1917. THOMAS J. SWEET. Renewed March 27, 1937, to Thomas J. Sweet Co., Albion, N. Y., a co-partnership, assignee.

LABELS

REGISTERED NOVEMBER 10, 1936

48,380.—*Title:* DAWN HAIR RESTORER. For Hair Restorer. MANOOG AVEDISIAN, doing business as Hair Restorer Company, Detroit, Mich. Published June 25, 1936.

48,381.—*Title:* ICELITE BATTERY REFRIGERATOR LIGHT. For Battery Operated Refrigerator Lights. C. F. BURGESS LABORATORIES, INC., Chicago, Ill. Published August 14, 1936.

48,382.—*Title:* NUMBER ONE BRAND CHINA RICE. For Rice. CHINA RICE IMPORTING COMPANY, San Francisco, Calif. Published May 1, 1936.

48,383.—*Title:* ARMY AND NAVY LINIMENT. For Liniment. GEORGE T. HINES, doing business as Glenwood Manufacturing Company, Waterville, Maine. Published October 12, 1936.

48,384.—*Title:* NERVINE BITTERS. For Bitters. GEORGE T. HINES, doing business as Glenwood Manufacturing Company, Waterville, Maine. Published October 12, 1936.

48,385.—*Title:* IMPERIAL. For Ginger Ale. IMPERIAL BEVERAGE COMPANY, Kalamazoo, Mich. Published May 1, 1935.

48,386.—*Title:* BANQUET (McCORMICK'S) 100 ORANGE PEKOE TEA BAGS. For Individual Tea Bags. McCORMICK & Co., INC., Baltimore, Md. Published May 20, 1936.

48,387.—*Title:* THREE CARDS. For Bourbon Whiskey. SUPREME DISTRIBUTORS, INC., Phoenix, Ariz. Published May 26, 1936.

48,388.—*Title:* UPHOLSTERERS', CARPET & LINOLEUM MECHANICS' INT. UNION OF N. A. For Awnings, Canopies, etc. UPHOLSTERERS', CARPET & LINOLEUM MECHANICS' INT. UNION OF N. A., New York, N. Y. Published August 1, 1936.

48,389.—*Title:* SMILE WITH VIN-TIN-AGE. For Wines. VACUUM WINE AND SPIRITS CANNING CORP., Elk Grove, Calif. Published July 2, 1936.

PRINTS

REGISTERED NOVEMBER 10, 1936

15,913.—*Title:* THE STORE WITH THE FRIENDLY DOORS. For Household Furnishings, Electrical Appliances, Household Appliances, Gifts, Jewelry, Silverware, and Other Gift Shop Items. BOYLE FURNITURE Co., INC., Ogden and Salt Lake City, Utah. Published April 5, 1936.

15,914.—*Title:* WHERE YOUR DOLLARS ARE BIG DOLLARS. For Household Furnishings, Electrical Appliances, Household Appliances, Gifts, Jewelry, Silverware, and Other Gift Shop Items. BOYLE FURNITURE Co., INC., Ogden and Salt Lake City, Utah. Published April 5, 1936.

15,915.—*Title:* HOLLYWOOD WAY PORTRAIT. For Photographic Portraits. HENRY W. LEICHTNER, Rochester, N. Y. Published September 9, 1936.

15,916.—*Title:* "KADY-OHIO" BELTS. For Men's Belts. THE OHIO TEXTILE PRODUCTS Co., Ashland, Ohio. Published April 3, 1936.

15,917.—*Title:* OVER GRADE. For Red Cedar Shingles. RED CEDAR PRODUCTS Co., Seattle, Wash. Published September 17, 1936.

15,918.—*Title:* DINNERWARE. For Chinaware. STETSON CHINA COMPANY, Chicago, Ill. Published September 2, 1936.

15,919.—*Title:* FOLLOW THE WHEEL, TOURIST COTTAGE OWNERS ASS'N. For Guide-Books. LENNA R. WINSLOW, Miami, Fla. Published June 26, 1936.

REISSUES

NOVEMBER 10, 1936

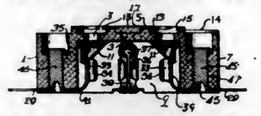
20,162

MOLDED SOCKET

Arthur M. Draving, Philadelphia, Pa., assignor to Hugh H. Eby, Philadelphia, Pa.

Original No. 1,956,376, dated April 24, 1934, Serial No. 560,680, September 2, 1931. Application for reissue April 18, 1936, Serial No. 75,243

10 Claims. (Cl. 173—328)



4. As an article of manufacture for operative association with a receptacle base for vacuum tubes, a metallic contact member comprising a contact part and an angularly divergent anchoring portion, the contact part comprising a backing portion and side arms bent toward each other and forming with the backing portion a channel adapted to receive and resiliently grip a vacuum tube prong, the backing portion being of a sectional profile different from the periphery of such prong, and the arms being joined thereto by junction elements extending the full length axially of the arms so as to impart symmetrical resilience to the contact part, said arms each having a sectional profile different from the periphery of the prong so as to engage same to establish lines of contact in circumferentially spaced relation on the prong and to resiliently urge the prong and backing portion into engagement to establish a third line contact longitudinally of the prong in circumferentially spaced relation to the first mentioned lines of contact.

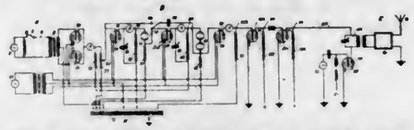
20,163

KEYING

James Leslie Finch, Rocky Point, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Original No. 1,887,236, dated November 8, 1932, Serial No. 364,830, May 21, 1929. Application for reissue May 30, 1933, Serial No. 675,651

36 Claims. (Cl. 250—8)



1. In a signalling system, the combination of an electron discharge device having a glow discharge device in its anode circuit conductive solely upon the application of a predetermined value of potential thereto; a resistance in series with said glow device; a source of direct current potential for supplying anode potential to said electron device; means for supplying unidirectional electromotive force to the input terminals of said electron device in accordance with a signal to be transmitted, predetermined values of said signal electromotive force adapted to cause sudden breakdown of said glow device whereby it becomes current conductive; and means connected in parallel with said resistance for utilizing the current of flow through said glow device for controlling the energization of a transmitter.

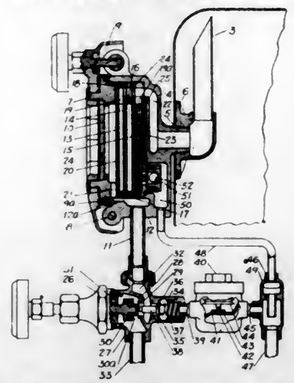
20,164

WATER STERILIZER

Raymond L. Jewell, Millcreek Township, Erie County, Pa., assignor to American Sterilizer Company, Erie, Pa., a corporation of Pennsylvania

Original No. 2,044,433, dated June 16, 1936, Serial No. 693,942, October 17, 1933. Application for reissue July 23, 1936, Serial No. 93,431

21 Claims. (Cl. 210—99)



1. In a sterilizer, the combination of a receptacle; heating means for heating water in the receptacle to steam-forming temperature; a water filter; a drain for the filter; means supplying water to the receptacle through the filter and sterilizing steam to the filter from the receptacle upon discharge of water from the filter; and means controlling the drain to discharge the water from the filter and close the drain against the discharge of steam.

20,165

IRON HANDLE

Andrew S. Knapp, Belleville, Ill., assignor to Knapp-Monarch Company, Belleville, Ill., a corporation of Missouri

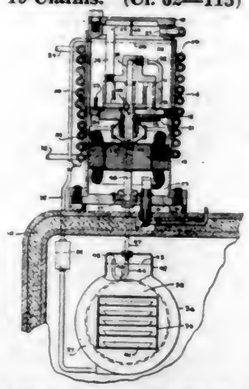
Original No. 1,940,755, dated December 26, 1933, Serial No. 535,413, May 6, 1931. Application for reissue August 20, 1935, Serial No. 37,050

4 Claims. (Cl. 38—95)



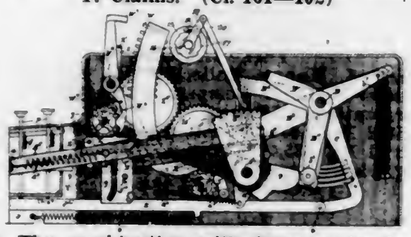
4. A pressing iron of the electrically heated type comprising a base, a support carried thereby and projecting upwardly from the base, a handle element secured to said support, a resilient cushion hand grip of tubular formation adapted to completely surround said handle element, said hand grip having continuous protuberances on its outer surface with valleys between said protuberances extending longitudinally of the hand grip for ventilating purposes and permitting air circulation in said valleys on the outer side of the hand grip when the operator's hand engages said hand grip, said protuberances and valleys extending completely around the outside of said tubular shaped hand grip.

20,166
REFRIGERATING MACHINE
Andrew A. Kucher, Dayton, Ohio, assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania
Original No. 1,798,684, dated March 31, 1931, Serial No. 62,276, October 13, 1925. Application for reissue March 29, 1933, Serial No. 663,409
19 Claims. (Cl. 62—115)



1. In a refrigerator apparatus the combination of an evaporator, a compressor, a motor for driving the compressor, said compressor and said motor being entirely housed within a single hermetically sealed and substantially cylindrical casing, and a condensing coil arranged outside of and concentric with the casing and in physical thermal conducting relation therewith, said coil encompassing the greater portion of the outer surface of the casing.

20,167
BOOKKEEPING MACHINE
Abraham Smith, Erie, Pa., assignor to The National Cash Register Company, a corporation of Maryland
Original No. 1,685,685, dated September 25, 1928, Serial No. 709,180, April 26, 1924. Application for reissue March 9, 1935, Serial No. 10,327
17 Claims. (Cl. 101—102)



1. The combination with type carrier levers arranged in groups, of movable bars positioned transversely of said levers, a type carrier lever corresponding to each movable bar, and means to cause said bars and type carrier levers to oscillate.

20,168
FUSE
Alwin G. Steinmayer, Milwaukee, Wis., assignor to Line Material Company, South Milwaukee, Wis., a corporation of Delaware
Original No. 1,932,194, dated October 24, 1933, Serial No. 393,038, September 16, 1929. Application for reissue March 4, 1935, Serial No. 9,271
5 Claims. (Cl. 200—117)

2. In a liquid fuse comprising a main tube having a pair of contacts and an arc extinguishing liquid in the tube, the combination with conducting means connecting said contacts and disposed in major part in said liquid; said means including a fusible section, a flexible section, a relatively rigid section connecting the fusible section and the flexible section, a spring coaxial with the flexible section, and means connecting the spring with said relatively rigid section; of an arcing sleeve comprising insulating material surrounding and coaxial with the relatively rigid section, the bore of the sleeve being larger in



diameter than the relatively rigid section and being substantially uniform in diameter and unobstructed throughout the length of said sleeve, thereby to provide an arcing space surrounding the relatively rigid section for the free expansion of gases produced by an arc when the fusible section is fused, and means on one of said contacts adapted to confine said sleeve in proximity to the means connecting the spring with said relatively rigid section, the first-mentioned means being normally disposed adjacent the lower end of said bore.

20,169
SHAVING INSTRUMENT
William G. Viall, Bloomfield, N. J., and Harry A. Rankow, Bronx, N. Y.
Original No. 2,036,557, dated April 7, 1936, Serial No. 708,016, January 24, 1934. Application for reissue June 25, 1936, Serial No. 87,318
6 Claims. (Cl. 30—43)

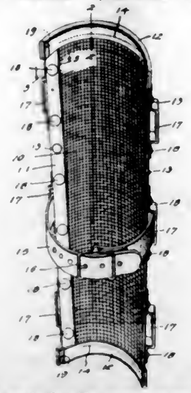


1. A shaving instrument comprising an elongated, hollow, polygonal shell having shear blades in one wall thereof, at least one of the walls of said shell being convexly bowed, and two of said walls being increasingly thickened from their common apex to afford rigidity to the shell, a cutter having teeth reciprocally movable within the shell, said shear blades and cutter teeth having a shearing engagement, a handle, and means to removably secure the shell in the handle.

PATENTS

GRANTED NOVEMBER 10, 1936

2,060,001
SPLINT
Norman H. Attwood, Robert F. Munch, Walter O. Lickert, and Thomas A. Baughman, Omaha, Nebr.
Application June 6, 1935, Serial No. 25,324
1 Claim. (Cl. 128—89)



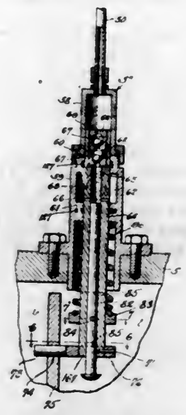
A device as set forth comprising a body constructed of readily conformable and relatively rigid wire mesh, a pair of U-shaped relatively rigid channel members disposed one at each longitudinal edge of the body, means for securing the channel pieces to the longitudinal edges of the body, a pair of padding strips, means for securing the padding strips one to each end of the body, a plurality of tightening straps engaging about the body for holding the body in applied position on a limb and guide members secured to the channel members on the outer side thereof to hold the straps against movement longitudinally of the channel members and the body.

2,060,002
TOBACCO BARN
Edward L. Brinkley, Dover, N. C.
Application December 27, 1935, Serial No. 56,381
1 Claim. (Cl. 98—42)



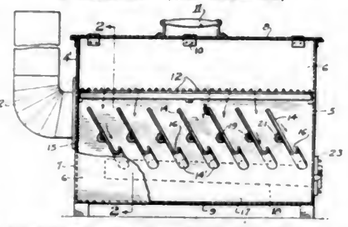
A tobacco barn comprising side and end walls, a gable roof having a longitudinal ventilating passage at the ridge, a cupola disposed above the apex of the roof, said cupola having a gable roof extending over the main roof and being spaced therefrom, said main roof having a protective sheathing provided with upwardly and outwardly curved edges adjacent the longitudinal ventilating passage, said curved edges being spaced from the cupola roof to provide air passageways, each end of the barn having a ventilating opening near the cupola, and a flap valve of light weight hinged at its upper edge and normally covering said ventilating opening and movable by a current of heated air within the barn to permit the discharge of the heated air.

2,060,003
PUMP
Lewis M. Decker, Baton Rouge, La.
Application April 9, 1934, Serial No. 719,785
3 Claims. (Cl. 103—37)



1. A pump comprising an outer cylinder provided with a bore and having an outlet communicating with one end portion of the bore, an inner cylinder disposed substantially in coaxial relation to the outer cylinder and adjustable longitudinally in the bore of the outer cylinder, the inner cylinder having a bore, the outer cylinder having a chamber disposed in the bore of the outer cylinder about a portion of the inner cylinder, the inner cylinder having a plurality of circumferentially spaced ports establishing communication between the chamber of the outer cylinder and the bore of the inner cylinder, means for supplying liquid to the chamber, a plunger slidable in the bore of the inner cylinder, means for operating the plunger to eject liquid through the outlet, and means for adjusting the inner cylinder longitudinally, thereby to vary the cut-off distance between the inner end of the plunger and the ports and thus bring about a measuring of the liquid ejected through the outlet by the plunger, the last-specified means comprising a ring supported for rotation with respect to a center, the ring having a slot which is inclined with respect to a circle struck from said center, the inner cylinder having a projection slidably received in the slot, and a combined means for holding the ring against free rotation and for imparting a finely adjusted rotation to the ring at the will of an operator, the location of the chamber in the outer cylinder serving to give the chamber a constant and predetermined capacity, regardless of the longitudinal adjustment of the inner cylinder and regardless of the position of the plunger.

2,060,004
BARBECUE APPARATUS
Martin J. Ebberts, Beaumont, Tex.
Application October 14, 1933, Serial No. 693,655
4 Claims. (Cl. 126—14)



1. A barbecue apparatus comprising a cooking receptacle, means for supporting products to be cooked, a series of baffles arranged beneath said means substantially parallel to each other but in angular relation to the vertical, and having means at the bottom of said baffles and forming a part thereof for collecting the drippings from said barbecue product, the tops of said baffles being in alignment with the collecting means forming a part of an adjacent baffle.

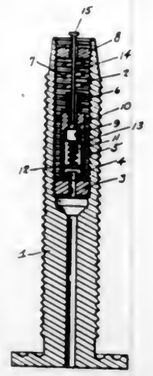
2,060,005
COMBINED LIGHT AND FLOWER HOLDER
Nellie Pauline Fletcher, Leesburg, Va., and William Arthur Fletcher, Los Angeles, Calif.
Application March 16, 1935, Serial No. 11,474
7 Claims. (Cl. 47—41)



1. A device of character described, comprising a bowl shaped base member adapted to serve as a flower pot; a standard secured to said base member; a light source supported on the upper end of said standard; a lamp shade supported on said standard, surrounding said lamp and adapted to direct light downwardly on said base member; nutritive material in said base member; living plant cells such as flowers in said nutritive material and exposed to said light; a protection member of transparent material resting on top of said base member extending upwardly therefrom to a point above said plant cells, and surrounding said plant cells, said protection member being open at the top; a second protection member comprising a flat disk of suitably colored fluorescent translucent material vertically adjustably supported on said standard, said disk being of sufficient size to close the lower portions of said shade when in its upper adjusted position, or to close the open top of said first mentioned protection member when in lower adjusted position.

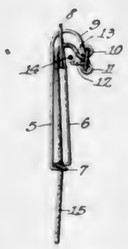
2,060,006
AUTOMATIC PRESSURE RELEASE VALVE
Patrick F. Gaffey, Hartford, Conn.
Application May 23, 1935, Serial No. 23,091
Renewed September 17, 1936
1 Claim. (Cl. 152—11.5)

In a device of the class described, a stem having a bore passing therethrough, the outer portion of the bore being enlarged and internally screw-threaded, a plug threaded in the enlarged part to a point adjacent the inner end thereof, a valve seat on the outer face of the plug, said seat and plug having alined centrally arranged holes therein, an elongated casing of much less diameter than the internal diameter of the enlarged part of the bore, having its inner end open for engaging the seat around the hole, the outer end of the casing being reduced, a plug threaded



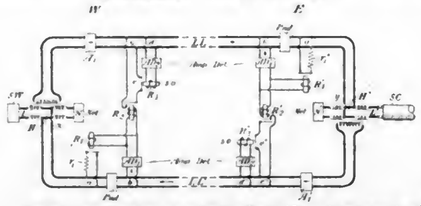
in the outer end of the large part of the bore and having a hole therein, a spring having its inner end encircling and connected with the reduced part of the casing with its other end bearing against the last mentioned plug, said casing having a valve seat intermediate its ends, a valve in the casing, a spring in the casing for holding the valve on its seat, and a stem connected with the outer end of the valve and passing through the casing and through the outer part of the bore and through the hole in the last mentioned plug.

2,060,007
FASTENER FOR FASTENING HOOK LINES TO TROT LINES
Arthur Galbraith, Ash Grove, Mo.
Application November 22, 1935, Serial No. 51,163
2 Claims. (Cl. 24—131)



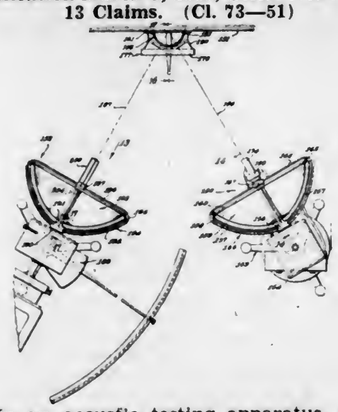
1. A fastener of the class described, comprising a pair of resilient arms, an elongated eye formed at the free end of one of the arms, the free end of the opposite arm being curved and provided with spaced eyes, the extremity of the last mentioned arm being extended through the elongated eye at right angles to the arms and providing a finger, said curved end engaging one of the eyes restricting movement of the arms with respect to each other, and said elongated eye and finger adapted to cooperate in gripping an article.

2,060,008
TWO-WAY SIGNALING SYSTEM
Leonard Gladstone Abraham, Madison, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application August 18, 1934, Serial No. 740,518
20 Claims. (Cl. 178—44)



1. In a two-way system for the transmission of energy, comprising two separated stations connected by two paths adapted for transmission in opposite directions, the method of transmission control which consists in normally introducing an appreciable loss in one of said paths near the receiving end thereof, causing the energy approaching the receiving end of said path to remove said loss therefrom independently of the presence or absence of energy in the opposite path, and causing said first-mentioned energy to disable the transmitting section of the opposite path provided said opposite path is not carrying energy of earlier arrival.

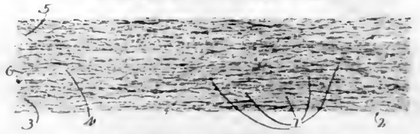
2,060,009
ACOUSTIC TESTING APPARATUS
William F. Alder, Altadena, Calif., assignor, by mesne assignments, to Jenness A. Alder, Altadena, Calif.
Application March 9, 1932, Serial No. 597,828
13 Claims. (Cl. 73—51)



1. In an acoustic testing apparatus, a sound amplitude instrument having a rectifying valve formed of flexible material conical in shape with a slit at the apex of the cone, an air chamber connected to the valve and having means to indicate changes of pressure in such chamber.

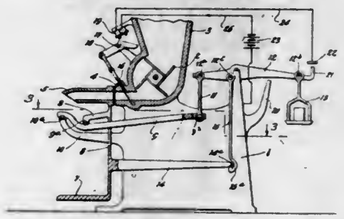
13. In an acoustic testing apparatus, a sound amplitude indicator having, in combination, a structure with an expansible chamber, means to indicate the expansion of such chamber, a sound rectifying valve connected to the chamber, said valve having an opening to respond to the compression phases of sound waves transmitting a portion of the sound transmitting medium at the compression phases, said valve closing on the rarefaction phases, the trapped medium expanding said chamber, means to concentrate reflected sounds, the means to concentrate the sound comprising a parabolic reflector, and means to position the valve at the focus of said reflector, a tube connecting the valve and chamber, and means to align the reflector with its axis in the path of reflected sound waves.

2,060,010
METAL WOOL BODY AND METHOD OF MAKING SAME
George W. Brooks, La Grange, Ill., assignor to The S. O. S. Company, Chicago, Ill., a corporation of Delaware
Application May 11, 1935, Serial No. 20,942
3 Claims. (Cl. 140—71)



1. A metal wool mass composed of metal fibre web loops extending in more than one direction in the mass and being so arranged and disposed as to resist separation of fibres of the loops in more than one direction of pull on the mass, so that when used as a cleaning and scouring pad it will retain its form and usefulness for the purpose intended until the whole mass is substantially used up and exhausted.

2,060,011
BAG FILLING MACHINE
Arno Andreas, Munster, Germany, assignor to Bagpak, Inc., New York, N. Y., a corporation of Delaware
Application March 16, 1932, Serial No. 599,151
In Germany March 30, 1931
13 Claims. (Cl. 249—60)

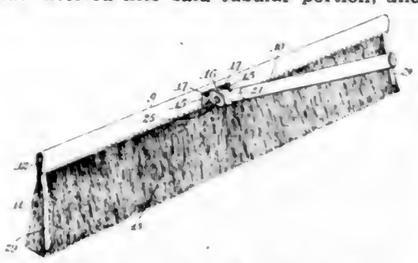


1. In a machine for filling containers with divided material comprising a hopper, a propeller housing, a constantly rotating propeller therein for feeding material, and valve bag supporting means including a spout adapted to enter the bag and through which material enters the bag, weighing mechanism including a balance arm, a valve for cutting off the flow of material into the spout, means to close said valve controlled by the weighing mechanism, and means to continuously interconnect said bag supporting means with the balance arm during the filling operation, said interconnecting means including a lever arm interposed between said bag supporting means and said balance arm and constructed and arranged so that the effective moment arm of the said bag supporting means is greater than the effective moment arm of the balance.

2,060,012
POLISHING MOP OR DUSTER
Howard H. Baker, Buffalo, N. Y.
Application August 26, 1933, Serial No. 686,973
14 Claims. (Cl. 15—229)

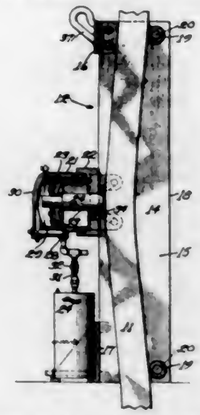
1. A mop, comprising a mop head having a swab provided with a tubular portion along its

upper edge, strands depending from said tubular portion and a resilient metallic strip devoid of bends inserted into said tubular portion, and a



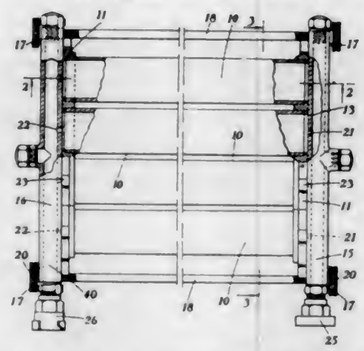
handle secured to said mop head between its ends to provide free outwardly-extending portions possessing like resiliency in both forward and rearward directions.

2,060,013
GRIEF STEM STRAIGHTENER
Reuben C. Baker, Coalinga, Calif., assignor to Baker Oil Tools, Inc., Huntington Park, Calif., a corporation of California
Application July 19, 1935, Serial No. 32,239
1 Claim. (Cl. 153—38)



A grief stem straightener comprising a rigid portable frame including a pair of elongated rectangular rigid plates arranged side by side in parallelism and in spaced relation whereby a grief stem may be positioned vertically therebetween, a rigid transverse member arranged transversely between said plates at one side edge thereof and rigidly connected thereto, the lower end of said transverse member forming a continuation of the lower end of said plates whereby the lower end of said transverse member and the lower ends of said plates will form a supporting surface adapted to rest on the rotary table of a well drilling rig and support said frame in a perpendicular position, a second rigid transverse member extending transversely between the plates at the same side edge of the plates as the first-mentioned transverse member and adjacent the upper ends thereof and rigidly connected thereto, a pair of removable abutments extending transversely between the plates adjacent the side edges thereof opposite said transverse members and positioned one adjacent the upper ends of the plates and the other positioned adjacent the lower ends of the plates, said abutments being capable of removal from the plates to enable a grief stem to be positioned between the latter, a third transverse member extending between the plates and rigidly secured thereto and positioned intermediate the ends of the plates at the same side edges thereof as the before-mentioned transverse members, a hydraulic cylinder rigidly connected to the last-named transverse member, a piston in said hydraulic cylinder, a ram connected to said piston and extending through said transverse member to engage a grief stem positioned between the plates at the side thereof opposite the abutments, a fluid container carried by the first-mentioned transverse member, a hydraulic pump carried by the frame and having its intake connected with the fluid container and its outlet connected with the cylinder whereby it may be operated to create a hydraulic pressure in the cylinder to move the ram toward the plane of the abutments, a toothed rack formed on the ram, a pinion in mesh with the rack, and manually operable means for revolving said pinion to move said ram in a direction away from the plane of the abutments.

2,060,014
COOLING DEVICE FOR LIQUIDS
Frederick John Trevallon Barnes, Brisbane, Australia
Application December 12, 1934, Serial No. 757,230
In Great Britain December 11, 1933
10 Claims. (Cl. 257—248)

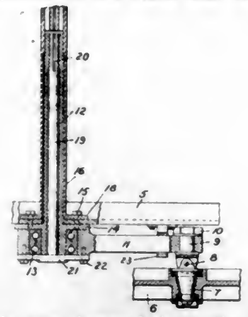


1. Apparatus for cooling or heating beverages comprising in combination a plurality of tubes through which liquid can flow, a pair of end plates, detachable clamping means for retaining the said end plates in fluid tight contact with the ends of said tubes, conduits disposed longitudinally on said end plates and ports affording communication between said tubes and the conduits, said ports being smaller in cross sectional area than the bores of said tubes.

2,060,015
SUSPENSION FOR VEHICLES
Gladeon M. Barnes, Hastings, Mich., and Warren E. Preston, Aberdeen, Md.
Application January 24, 1934, Serial No. 708,138
2 Claims. (Cl. 267—57)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A suspension for vehicles embodying a load member, a tube extending transversely of the load member and having its ends secured thereto, a bearing on the interior of the tube, a sleeve within the tube with its inner end supported in the bearing and secured adjacent its outer end to the

load member, a shaft within the sleeve with its inner end splined to the inner end of the sleeve,



and a crank arm journaled on the sleeve and secured to the outer end of the shaft.

2,060,016
ARTIFICIAL SILK
Henri Louis Barthélemy, Rome, Ga., assignor to Tubize Chatillon Corporation, a corporation of Delaware
No Drawing. Application September 26, 1934, Serial No. 745,650
11 Claims. (Cl. 106—40)

3. Artificial silk having a mixture of hydrogenated fat and mineral oil finely dispersed therein in amount sufficient to improve the suppleness of the artificial silk.
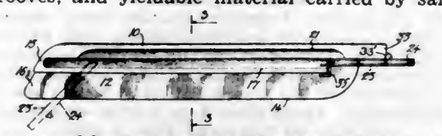
2,060,017
CAST REFRACTORY AND THE PROCESS OF MANUFACTURING THE SAME
Raymond C. Benner, Niagara Falls, N. Y., assignor to The Carborundum Company, Niagara Falls, N. Y., a corporation of Pennsylvania
Application April 27, 1934, Serial No. 722,762
13 Claims. (Cl. 49—79)



6. The method of producing refractory articles which comprises forming a fusion of refractory oxides capable of solidifying to a crystalline state, causing generation of gas within the fusion, casting the fusion, chilling the casting to quickly encase it in a solidified crystalline shell whereby a substantial volume of gas is entrapped in the casting, and further cooling the said casting to solidify it in the crystalline state.

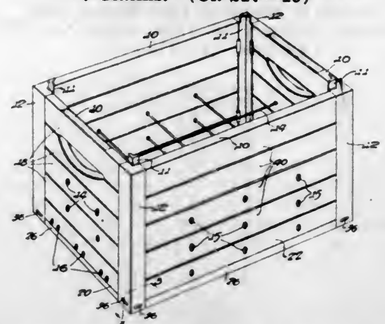
2,060,018
ELECTROSTATIC CLEANING DEVICE
Niles R. Bernz, New York, N. Y.
Application November 3, 1933, Serial No. 696,495
3 Claims. (Cl. 15—104)

1. In combination, a cleaning device comprising a handle including a flat face having spaced grooves therein, said handle having also opposed grooves therein, rigid strips having edge portions fixed in the spaced grooves, said strips having their opposite edges disposed on a plane parallel with said face whereby to remove particles from an article to be cleaned, and means for cleaning said strips, said means including a frame having a manipulable end, said frame having opposed terminals movably disposed in said opposed grooves, and yieldable material carried by said



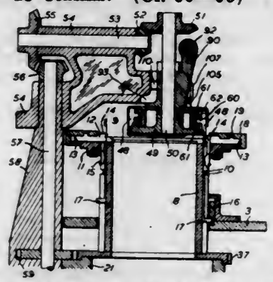
frame and having portions disposed between and engaging opposite sides of said strips, so that on manipulation of said end, said portions may remove the particles from said sides.

2,060,019
BOTTLE CRATE
William W. Birnstock, York, Pa.
Application January 22, 1935, Serial No. 2,925
7 Claims. (Cl. 217—19)



1. In a crate, a bottom slat, a U-shaped runner on said slat and a boss on one wall of said runner being deeply indented into the slat thus forming a tongue and groove connection between the slat and runner for preventing the runner from falling from the slat.

2,060,020
PRODUCTION OF KNITTED FABRICS
William Henry Boaler, Spondon, near Derby, England, assignor to Celanese Corporation of America, a corporation of Delaware
Application August 3, 1935, Serial No. 34,546
In Great Britain August 15, 1934
13 Claims. (Cl. 66—95)



1. A circular knitting machine for the production of a non-laddering fabric, said machine comprising a series of needles, a yarn feed, means for actuating said needles successively to draw down loops of yarn fed by said yarn feed, and to rise again, a series of transfer points and means for entering said transfer points successively into the loops held by said needles and means for causing the transfer points to draw the loops so entered over the heads of adjacent needles before said needles are caused to rise again.

2,060,021

ALBUMINOUS SOLUTIONS WHICH DO NOT FORM FLAKES

Max Bockmühl, Frankfort-on-the-Main, Erich Simons, Hofheim-on-the-Taunus, and Eugen Dörzbach, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application July 6, 1934, Serial No. 734,032. In Germany July 8, 1933
3 Claims. (Cl. 167—76)

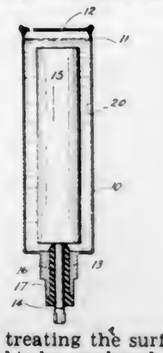
1. Aqueous solutions comprising a therapeutically active secretion product of the thyroid gland and a substance of the group consisting of albuminic acids and their alkali metal salts.

2,060,022

ELECTROLYTIC CONDENSER

Joseph B. Brennan, Fort Wayne, Ind.

Application January 18, 1934, Serial No. 707,148
5 Claims. (Cl. 175—315)



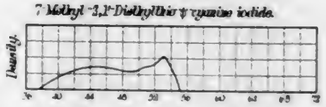
1. A method of treating the surfaces of hollow containers adapted to be employed as cathodes for electrolytic condensers and the like comprising spraying the inside surfaces of the container which come into contact with the electrolyte with finely divided particles of molten metal to deposit a protective and conductive layer on said surfaces.

2,060,023

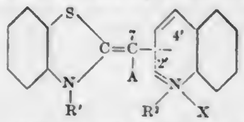
PHOTOGRAPHIC EMULSIONS CONTAINING 7-ALKYL-THIO ISO- AND PSEUDO-CYANINES

Leslie G. S. Brooker, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

Application March 6, 1933, Serial No. 659,631
10 Claims. (Cl. 95—7)



1. A gelatino-silver-halide emulsion which contains a dye of the following structure



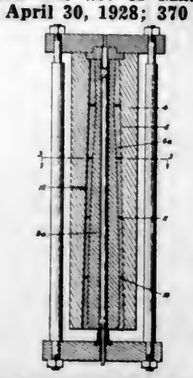
in which R' and R² are alkyl radicals, X is an acid radical and A is an alkyl radical, the quinoline nucleus being linked through either the 2' or 4' position.

2,060,024

METALWORKING

Samuel S. Burgey, United States Army, Pedricktown, N. J.

Application December 9, 1935, Serial No. 53,631
4 Claims. (Cl. 29—1.11)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



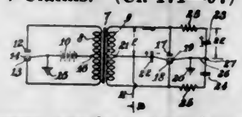
1. A method of cold working hollow objects embodying placing the object in a sectional form, placing the form in a container, applying pressure to the interior of the object to expand the same into contact with the walls of the form, then removing the form from the container, and disassembling the form.

2,060,025

VIBRATOR POWER SUPPLY SYSTEM

Alexander D. Burt, Narberth, Pa., and Arnold J. Rohner, Haddon Heights, and Frederic Shoup, Oaklyn, N. J., assignors to Radio Corporation of America, a corporation of Delaware

Application February 1, 1935, Serial No. 4,584
7 Claims. (Cl. 171—97)



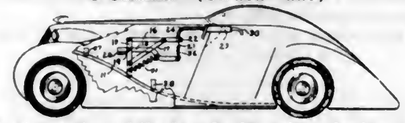
5. In a power supply system for radio receiving apparatus and the like, the combination of a step-up transformer adapted to operate below saturation with relatively wide variations in supply voltage about a predetermined normal value, said transformer having a primary winding and a secondary winding each provided with terminal ends and a center tap, means providing a low voltage supply circuit for said primary winding through the center tap thereof and a ground connection, vibrator contact means for alternately connecting the terminals of said primary winding to said power supply circuit through said ground connection, rectifier means connected with said secondary winding to rectify the secondary voltage, a power output circuit connected with the center tap of the secondary winding and said rectifier means, a buffer capacity comprising two series condensers connected in shunt relation to the secondary winding and having a center tap connection for one of said circuits between said condensers, and a damping resistor in circuit between each condenser and a terminal of the secondary winding, said condensers having substantially equal capacity of such value that one condenser may substantially charge and the other condenser may substantially discharge during the time interval for change of connection of the contact means from one terminal to the other.

2,060,026

HOOD CLAMPING DEVICE

Claude Butler, Los Angeles, Calif.

Application April 17, 1934, Serial No. 720,957
3 Claims. (Cl. 292—229)



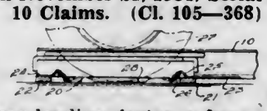
1. An automobile hood clamping device comprising in combination: an upstanding post supported upon the frame of said automobile and inside said hood; a substantially horizontal arm rigidly fastened to the upper end of said post; a rocker pivoted to said post and extending laterally thereof and adapted to rotate in a substantially vertical plane; a spring attached to one end of said rocker; tension means attached to said spring and extending up into the driver compartment of said automobile, said tension means being guided by a bracket on the outer end of said horizontal arm; said tension means being adapted to rotate the other end of said rocker downwardly to a substantially horizontal position to engage a portion of said hood and hold the same firmly against vertical movement; and means for locking said tension means and said rocker in said position.

2,060,027

CAR LOADING DEVICE

Samuel D. Butterworth, Detroit, Mich., assignor of ninety-nine percent to The Worth Company, a corporation of Michigan

Application November 21, 1934, Serial No. 754,017
10 Claims. (Cl. 105—368)



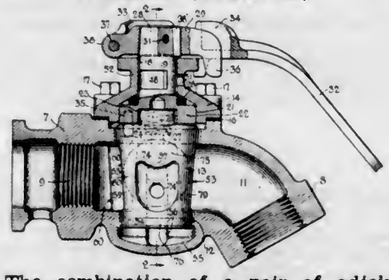
1. In a car loading device, a frame adapted to support an automobile in elevated position and to be laid on a floor for receiving the wheels of the automobile, said frame at one end having openings at its corners for allowing the wheels of the automobile to partially project therethrough, and flexible means connected to the frame and loosely extending across said opening, whereby when the frame is elevated the wheels may move downwardly into the openings and into supported engagement with the flexible means.

2,060,028

FLUID PRESSURE BRAKE

Charles A. Campbell, Watertown, N. Y., assignor to The New York Air Brake Company, a corporation of New Jersey

Application November 23, 1934, Serial No. 754,491
17 Claims. (Cl. 303—86)



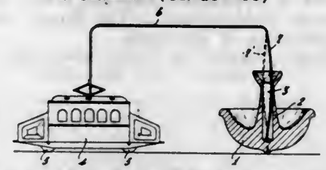
1. The combination of a pair of adjoining angle cocks interposed in a train line, each of said cocks including a brake pipe controlling valve, normally open valve means controlling communication through a by-pass around the brake pipe controlling valve and adapted for manual operation to close the by-pass, and means for causing the by-pass valve means to remain closed upon release of manual pressure holding said valve means closed only when both brake pipe controlling valves are closed and the by-pass valve means of both cocks are manually held in closed position at the same time.

2,060,029

TOP WITH A HOLLOW STEM AND A ROTATABLY CONNECTED OBJECT

Barend Alexander Canter, Scheveningen, Netherlands

Application October 7, 1935, Serial No. 43,948
In the Netherlands October 9, 1934
1 Claim. (Cl. 46—65)



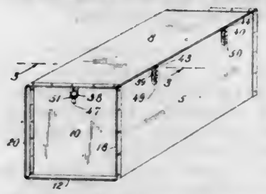
A top provided with a hollow stem and adapted to execute a symmetrical precessional movement with regard to its axis, and an object connected to said top and adapted to be moved thereby, characterized in that the object which has a stable equilibrium is joined to the top by means of a connecting member having a bent portion extending with some play into the hollow stem of the top and which bent portion is shaped so as to move said top out of said precessional movement and thereby move said object.

2,060,030

COLLAPSIBLE CONTAINER

Cecil C. Carmichael, Los Angeles, and John Ward, Inglewood, Calif.

Application January 20, 1936, Serial No. 59,838
9 Claims. (Cl. 229—23)



1. A metal bound collapsible container, comprising: an elongated section of sheet material transversely creased to provide top, bottom and side panels, a pair of end panels flexibly secured respectively to opposite sides of said elongated section, the lateral edges of said elongated section and said end panels having metal bindings which are bent, those of said elongated section inwardly and substantially parallel to said section, and those of said end panels outwardly and substantially perpendicular to said end panels, to provide respectively metal grooves and metal flanges cooperating to form interlocking joints in the erected container.

2,060,031

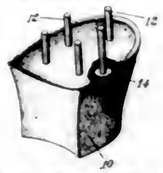
HEEL AND METHOD OF ATTACHING

James Cavanagh, Cohasset, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application September 12, 1934, Serial No. 743,663
7 Claims. (Cl. 36—34)

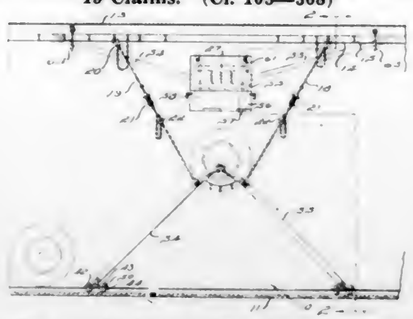
1. As an article of manufacture, an unattached

shoe heel which has permanently embedded therein and projecting therefrom a fastener



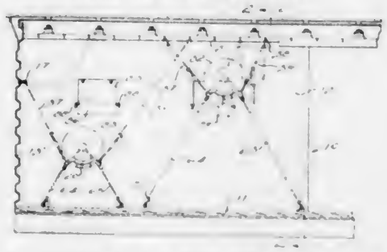
which is capable of being readily softened to a condition of easy deformability.

2,060,032
CAR LOADING DEVICE
Raymond W. Chalmers, Detroit, Mich., assignor, by mesne assignments, to The Worth Company, a corporation of Michigan
Application August 20, 1931, Serial No. 558,237
19 Claims. (Cl. 105—368)



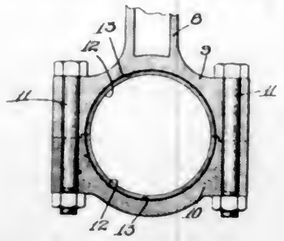
1. The combination with a freight car or the like, of means for engaging a part of a vehicle in the car, thrust rods pivotally connected to a lower part of the car and to the first mentioned means for supporting said part of the vehicle in elevated position, and resilient means for additionally supporting the vehicle.

2,060,033
CAR LOADING DEVICE
Raymond W. Chalmers, Detroit, Mich., assignor, by mesne assignments, to The Worth Company, a corporation of Michigan
Application August 20, 1931, Serial No. 558,238
7 Claims. (Cl. 105—368)



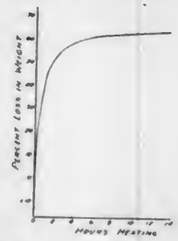
7. In combination with a freight car or the like, of a device for engaging a tire on a vehicle in the car and supporting the vehicle thereby, said device comprising spaced side members adapted to extend substantially parallel to and along opposite sides of the tire respectively, and flexible chain members transversely connecting the side members and adapted to engage the tread of the tire laterally thereof.

2,060,034
BONDED METAL BEARINGS AND METHOD OF MAKING THE SAME
Milford G. Chandler, Flint, Mich., assignor to Marvel Carbureter Company, Flint, Mich., a corporation of Illinois
Application June 22, 1933, Serial No. 677,043
6 Claims. (Cl. 29—149.5)



1. The method of constructing a bearing having an aluminum or aluminum base housing and a lead-bronze bushing, comprising the steps of cleaning the outer surface of the bushing, applying a flux thereto, tinning the same to form a tin-lead alloy coating and thoroughly washing and scouring the coated bushing, cleaning with a scratch brush the surface of the bearing housing to which the bushing is to be bonded and tinning the same without applying a flux thereto to form a tin aluminum alloy coating, inserting the bushing into the housing and heating the combined structure to bond together the two tin alloy coatings.

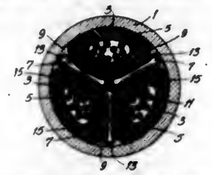
2,060,035
METHOD OF MAKING PYRO-RESINS
Newcomb K. Chaney, Cleveland Heights, and Wilbur B. Dexter, Lakewood, Ohio, assignors, by mesne assignments, to Union Carbide and Carbon Corporation, New York, N. Y., a corporation of New York
Application September 14, 1932, Serial No. 633,054
7 Claims. (Cl. 260—2)



1. Method of forming a difficultly fusible, relatively insoluble pyro-resin which comprises heating a thermo-plastic vinyl ester resin slowly in the presence of a chloride of the group of metals bismuth, iron and tin as a catalyst.

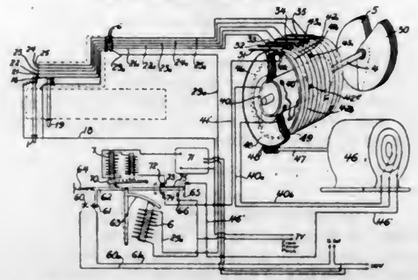
2,060,036
ELECTRIC CABLE
Philip H. Chase, Bala-Cynwyd, and John R. Falconer, Conshohocken, Pa.; said Falconer assignor to said Chase
Application October 28, 1929, Serial No. 402,976
8 Claims. (Cl. 173—266)

5. In a cable, a sheath, a plurality of conductors in said sheath, insulations about the respective conductors having shapes respectively leaving spaces between them and the sheath, relatively flat expansion tubes between the respective



insulations having relatively flexible walls, and relatively inflexible edges in said spaces.

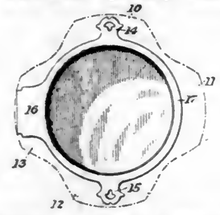
2,060,037
AUTOMATIC TIME CONTROL FOR TUNED CIRCUITS
Thomas A. Cheney and Harry J. Krinke, Seattle, Wash.
Application March 28, 1932, Serial No. 601,612
18 Claims. (Cl. 250—20)



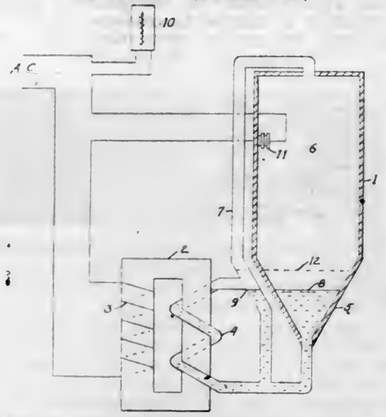
11. A radio receiving set time-control device, comprising a stationary mounting plate, a plurality of station-selecting members mounted thereon, retaining means for said members restraining removal thereof, a plurality of contact members each corresponding to a tuned frequency of said receiving set and to an adjusted position of said station-selecting members, means guiding each station-selecting member for movement between adjusted positions corresponding respectively to said contact members for selective engagement therewith, time-keeping mechanism, and means driven thereby to complete a circuit through a contact member and a station-selecting member.

2,060,038
MANUFACTURE OF METAL UTENSILS
William T. Christman, Mount Lebanon, Pa., assignor to Federal Enameling & Stamping Company, McKees Rocks, Pa., a corporation of Pennsylvania
Application November 12, 1934, Serial No. 752,760
3 Claims. (Cl. 113—120)

1. The method of forming imperforate sheet metal utensils having integral projections thereon providing handles and/or bail ears, which comprises forming a flat sheet metal blank of the approximate length and width necessary to produce a utensil of the depth and diameter desired but of a shape different from the shape of the utensil to be made, drawing the blank to produce the utensil and leaving a marginal flange on the edge of the utensil which margin has projections corresponding to the horizontal corners of the original blank, thereafter blanking out the utensil from the pressed blank in such manner that portions of the projections forming parts of the original corners of the blank are cut to the desired shape and project laterally from the utensil, and subsequently bending the attached projection so formed to provide a bail ear or handle.



2,060,039
ELECTRIC HEATER
Peter A. Clapp, Kalamazoo, Mich., assignor of one-third to Reginald G. Rye, and one-third to Isadore G. Goldstein, both of Kalamazoo, Mich.
Application January 20, 1936, Serial No. 59,812
14 Claims. (Cl. 219—47)

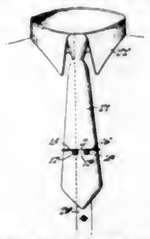


1. An electric heating system comprising a transformer having a primary winding and a secondary winding path, temperature responsive means acting to control the power supply to said primary winding, the secondary winding path consisting of a non-conducting conduit in the form of a coil, a pipe connecting the ends of said coil, a heating unit having a closed chamber containing a fluid changeable from a liquid to a gas when heated, the top and bottom of said chamber being in communication with said pipe, said fluid in its normally liquid state filling said coil and pipe to provide a closed circuit, the heating of the fluid resulting in the vaporization of the liquid and the opening of said circuit, and pressure responsive means in said chamber acting to open the input circuit of said primary winding when the pressure therein reaches a predetermined amount.

2,060,040
CRAVAT HOLDER
Justin L. Cobb, Mansfield, Mass., assignor to J. L. Cobb Co., Inc., Mansfield, Mass., a corporation of Massachusetts
Application January 9, 1935, Serial No. 1,034
17 Claims. (Cl. 24—49)

1. A cravat-holder comprising a bar member adapted to be placed on a garment, means for attaching the member in position on the garment,

and rigid arms at the ends of the member extending forwardly and then inwardly a substantial portion of the length of the bar member to



embrace and hold the cravat, the ends of said arms being spaced apart to provide an opening therebetween.

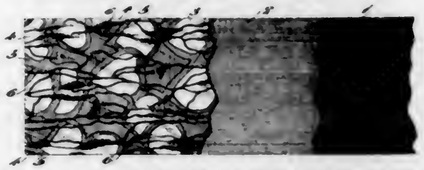
2,060,041

UTILITY AND DECORATIVE SHEET MATERIAL AND METHOD OF MAKING THE SAME

Elbert A. Corbin, Jr., Gradyville, and Ellwood W. Wolf, Philadelphia, Pa., assignors of one-third to William C. Biddle, Lansdowne, Pa.

Application October 24, 1934, Serial No. 749,696

12 Claims. (Cl. 41—33)



1. The method of making sheet material which consists in placing a sheet of printed tissue over a sheet of "Japanese" tissue, and laminating said sheets with liquid rubber.

12. The method of decorating a sheet material which consists in superficially coating said sheet material with liquid latex, applying to the surface thereof a design bearing tissue printed in water-color, and removing said printed tissue.

2,060,042

REGULATION OF TRANSMISSION LINES

Frank A. Cowan, New York, N. Y., assignor to American Telephone and Telegraph Company, a corporation of New York

Application November 3, 1934, Serial No. 751,406

5 Claims. (Cl. 178—44)



3. The method of compensating for variations of distributed attenuation due to temperature variations in a signal transmission line which consists in shunting across the line an impedance device including an element of the same temperature coefficient as the line material, exposing said element to similar variations and thereby oppositely varying the attenuation by said lumped impedance device shunted across the line.

2,060,043

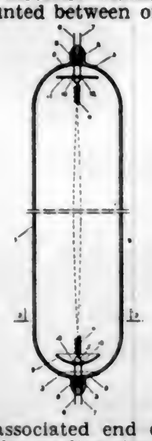
ARC DISCHARGE LAMP

James L. Cox, Danvers, Mass., assignor to Hygrade Sylvania Corporation, Salem, Mass., a corporation of Massachusetts

Application May 29, 1935, Serial No. 23,992

3 Claims. (Cl. 176—126)

1. In a high pressure vapor arc lamp, an enclosing envelope having a main body portion of transparent refractory tubing, and shallow cup-like caps of softer material sealed to said body portion and forming therewith electrode chambers, an electrode mounted within each chamber, and a shield mounted between one of said electrodes and the associated end cap, said shield having a slightly larger diameter of the rim than the diameter of the end cap but being of materially less diameter than the internal diameter of the said body portion.



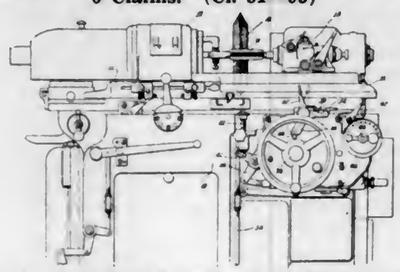
2,060,044

SCREW THREAD GRINDER

Norman J. Crowey, West Hartford, Conn., assignor, by mesne assignments, to Niles-Bement-Pond Company, New York, N. Y., a corporation of New Jersey

Application February 26, 1935, Serial No. 8,331

6 Claims. (Cl. 51—95)



1. A screw thread grinding machine comprising in combination, a base, work supporting and rotating means thereon, a supporting head on said base having a rotatable wheel thereon, adjusting means for relatively moving said head and work supporting means toward and from each other, cam means supplemental to said adjusting means to move said head toward and away from said work supporting means a predetermined distance, means to rotate said cam one complete rotation during operation of said machine, and cam means to stop operation of said machine when said first mentioned cam has completed its rotation.

2,060,045

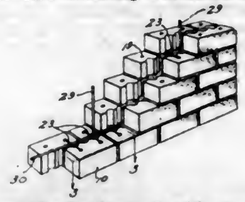
BUILDING CONSTRUCTION

Nathan Davidson, Los Angeles, Calif.

Application September 23, 1935, Serial No. 41,749

4 Claims. (Cl. 72—30)

1. A solid building brick of substantially rectangular shape, a series of grooves on one face thereof, and a pair of irregular holes in said brick, one of said holes being opposite the endmost groove at one end of said brick and having its side wall adjacent said groove arranged to provide at least two bearing surfaces at different



distances from the bottom of said groove, and the other hole being opposite another groove in said brick and also having the wall thereof adjacent the groove provided with at least two bearing surfaces.

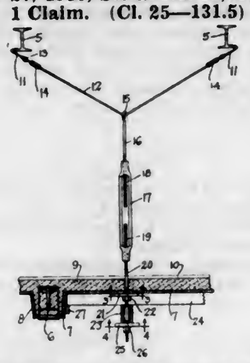
2,060,046

FLOOR SUPPORTING MEANS

Vincent Di Giacomo, Tuckahoe, N. Y.

Refiled for abandoned application Serial No. 516,312, February 17, 1931. This application January 27, 1936, Serial No. 61,046

1 Claim. (Cl. 25—131.5)



A floor supporting device of the character described comprising a turn buckle, hooks and a cable permitting suspension of the turn buckle from an overhead structure, a bar forming a part of the turn buckle and arranged to pass through the floor form of a floor to be supported, a plate arranged to be adjustably positioned on the bar and adapted to engage the under side of the floor form, said turn buckle being adjustable to draw said member against said form, a second supporting plate carried by said bar, and a plurality of form engaging elements supported on said second member.

2,060,047

METHOD OF PREPARING ARTIFICIAL FILAMENTS

Camille Dreyfus, New York, N. Y., and William Whitehead, Cumberland, Md., assignors to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application January 23, 1931, Serial No. 510,844

3 Claims. (Cl. 28—1)

1. Process for delustering artificial textile materials containing cellulose acetate, which comprises fixing a water-insoluble zinc salt of a higher fatty acid in said materials by treating the same after their formation with a swelling agent and with a suspension of the water-insoluble zinc salt in the absence of a fixing agent.

2,060,048

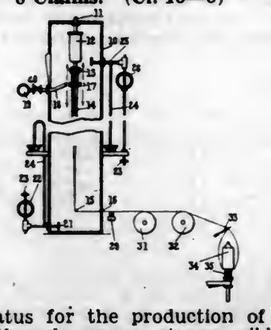
ARTIFICIAL FILAMENT MANUFACTURE AND THE LIKE

Henry Dreyfus, London, England

Application August 22, 1932, Serial No. 629,909

In Great Britain September 29, 1931

8 Claims. (Cl. 18—8)



6. Apparatus for the production of artificial filaments, threads, yarns, straws, ribbons and the like by the dry or evaporative method, comprising a spinning cell, means for causing a current of evaporative medium to flow along said cell, a spinning jet disposed in said cell for the extrusion of a spinning solution through said current, said jet facing in the direction of flow of said current, and a ring nozzle disposed within said cell and encircling the path of the extruded products in the neighborhood of said jet for introducing additional evaporative medium into said current.

2,060,049

COMBINATION SPRING DRAWBAR AND SPRING BUMPER

Glenn E. Edmunds, Columbus, Ohio, assignor to The Bonney-Floyd Company, Columbus, Ohio, a corporation of Ohio

Application March 23, 1931, Serial No. 524,737

53 Claims. (Cl. 213—9)



1. In a device of the class described, a bracket for attachment to a car end, a bumper and a draw bar slidably mounted in said bracket, a pair of parallel webs in said bracket, the draw bar being positioned between the webs and the bumper having parallel supporting flanges positioned to the outside of the webs, the webs serving to guide the draw bar against lateral displacement and a compression spring interposed between the bumper and draw bar, the bracket including abutment portions for both the bumper and draw bar for limiting movement of the bumper and draw bar away from each other.

2,060,050

COMBINED SPRING BUMPER AND SPRING DRAWBAR

Glenn E. Edmunds and James L. Cawthon, Jr., Columbus, Ohio, assignors to The Bonney-Floyd Company, Columbus, Ohio, a corporation of Ohio

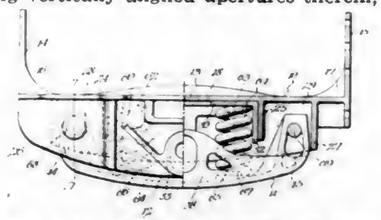
Application April 3, 1933, Serial No. 664,260

Renewed September 4, 1936

7 Claims. (Cl. 213—9)

2. In a device of the class described, a bracket for attachment to a car and in transversely ex-

tending relation thereto, said bracket comprising vertically spaced horizontally extending webs, and vertical webs connecting said horizontally extending webs to form a pair of end pockets, a bumper extending in front of said bracket and having integral rearward extensions disposed in said pockets for guided sliding movement, said extensions and said horizontally extending webs having vertically aligned apertures therein, pins

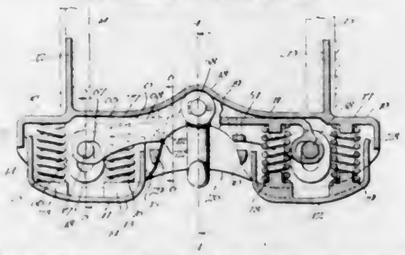


extending through said apertures, the apertures in said extension being elongated and shaped and said extensions being proportioned relative to said pockets so as to permit swinging as well as translational movements of the bumper relative to the bracket, and spring means behind the bumper and urging the latter away from the bracket, the action of said spring means being limited solely by said pins.

2,060,051
SPRING DRAFT AND BUFFER MEANS

Glenn E. Edmunds, Columbus, Ohio, assignor to The Bonney-Floyd Company, Columbus, Ohio, a corporation of Ohio

Application October 12, 1933, Serial No. 693,379
Renewed September 4, 1936
27 Claims. (Cl. 213—9)



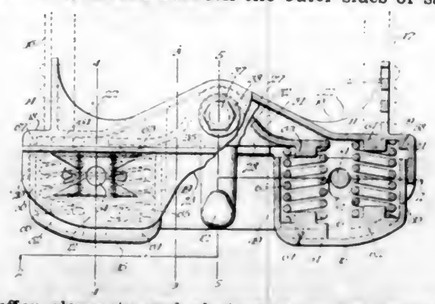
10. Apparatus of the class described comprising abutment means, a bodily movable and pivotal buffer element, a movable draft element having a portion extending between said abutment means and buffer element, a compression spring interposed between said buffer element and said abutment means, and a compression spring interposed between said buffer element and said draft element portion, the pivoting axis of the buffer element being between said springs, the buffer element compressing the springs in parallel upon bodily inward movement under buff and pivoting under draft to enable the springs to be compressed in series by the draft element.

2,060,052
DRAFT AND BUFFER GEARING

Glenn E. Edmunds, Columbus, Ohio, assignor to The Bonney-Floyd Company, Columbus, Ohio, a corporation of Ohio

Application January 27, 1934, Serial No. 708,679
Renewed September 4, 1936
13 Claims. (Cl. 213—9)

1. Apparatus of the class described comprising a bracket, a pair of buffer elements supported at horizontally opposite ends of the bracket for limited movement toward and away from the bracket and pivoting movements relative thereto on vertical axes, a rigid drawbar adapted for draft application at its central portion supported by the bracket with its ends behind the adjacent sides of said buffer elements, shock absorbing means between the ends of the drawbar and said adjacent sides of said buffer elements, and shock absorbing means between the outer sides of said

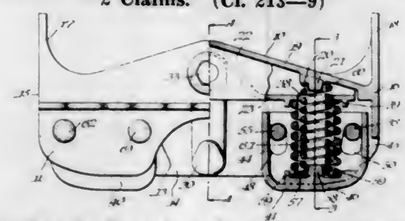


buffer elements and abutments on the bracket, the shock absorbing means associated with each buffer element being on opposite sides of the pivoting axis thereof and exerting a normally balanced action thereon, draft applied to the draw bar causing pivoting of said buffer elements and compression in series of the springs associated with each buffer element, the springs associated with each buffer element acting in parallel under buff.

2,060,053
DRAFT AND BUFFER GEARING

Glenn E. Edmunds, Columbus, Ohio, assignor to The Bonney-Floyd Company, Columbus, Ohio, a corporation of Ohio

Application March 29, 1934, Serial No. 718,047
2 Claims. (Cl. 213—9)

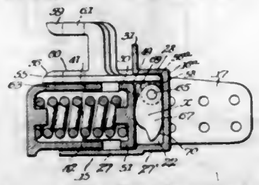


1. Car draft and buffer gearing comprising supporting means, buffer means and a drawbar carried by said supporting means and movable relative thereto toward and away from each other, said buffer means being disposed outwardly of said drawbar and being constituted by separably movable heads spaced horizontally, said drawbar having end portions lying behind said heads, respectively, and provided with apertures, an upright wall inwardly of said drawbar fixed with respect to said supporting means and constituting an abutment for limiting inward movement of said drawbar relative to said supporting means, means for limiting outward movement of said buffer heads relative to said supporting means, opposed spring seats on said upright wall and the respective buffer heads aligned with said drawbar apertures, spiral compression springs of a size to pass freely through said apertures having their ends engaged with the opposed seats, and further spiral compression springs freely surrounding the first and having their ends seated, respectively, against said drawbar and said buffer means, said further springs serving to hold said drawbar normally against said wall and serving to transmit draft forces exclusive of the first springs, the springs of each set of nested springs serving to hold their associated buffer head normally in outer limit position and both springs of each set acting immediately to absorb buffing shocks transmitted by their associated buffer head.

2,060,054
DRAFT AND BUFFER GEARING

Glenn E. Edmunds, Columbus, Ohio, assignor to The Bonney-Floyd Company, Columbus, Ohio, a corporation of Ohio

Application July 27, 1934, Serial No. 737,301
Renewed September 4, 1936
17 Claims. (Cl. 213—9)

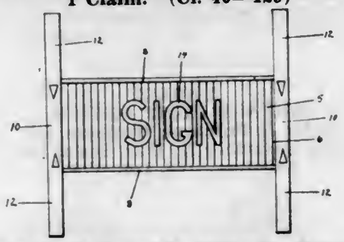


14. Apparatus of the class described comprising a draft element supported for reciprocation, a cam member operatively pivoted to said draft element, a fixed abutment and a follower between which said cam member is disposed, said cam member having a front cam surface adjacent its pivoted end for co-operation with said follower and a rear cam surface adjacent its other end for cooperation with said abutment, a buffer element, and yieldable means between said follower and said buffer element.

2,060,055
REFLECTOR SIGN FOR AUTOMOBILE BUMPERS

Theodore P. Eichelsdoerfer, Rock Island, Ill.

Application October 3, 1935, Serial No. 43,380
1 Claim. (Cl. 40—129)



A sign for automobile bumpers, comprising a sheet of transparent material, a sheet of reflector film in rear thereof, adapted for illumination by a bright light thrown thereon, opaque means applied to said transparent sheet to form insignia thereon, and a binding for said sheets including end pieces provided with flexible extensions for attachment to the opposite edges of an automobile bumper.

2,060,056
NEW CELLULOSE GLYCOLLIC ACID AND PROCESS FOR PREPARING SAME

Deane C. Ellsworth, deceased, late of Wilmington, Del., by Joseph F. Haskins, administrator, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

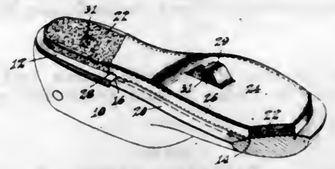
No Drawing. Application July 25, 1933,
Serial No. 682,119
16 Claims. (Cl. 260—152)

1. As a new product, cellulose glycollic acid containing from .075 to .35 glycollic acid residue per C_6 unit of cellulose, said product being substantially insoluble in 6% aqueous caustic soda solution at ordinary temperatures but soluble in said alkali solution near the freezing point thereof.

2,060,057
METHOD OF AND MEANS FOR USE IN THE MANUFACTURE OF SHOES

Karl Engel, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application June 18, 1934, Serial No. 731,022
10 Claims. (Cl. 12—145)

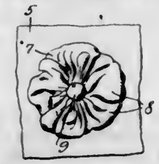


1. That method of manufacturing pre-welted shoes provided with fillers, which comprises lasting the welted margin of a pre-welted upper over the margin of the last bottom to the limit of an overlasting area indicated thereon, and while the shoe remains in the lasting machine positioning a filler on the last bottom in the space enclosed by the adjacent edge faces of the welt and upper.

2,060,058
DECORATIVE ROSETTE

Julia Engelmeier, Pittsburgh, Pa.

Application June 10, 1935, Serial No. 25,881
1 Claim. (Cl. 41—13)



A rosette, constructed from a single piece of fabric which is centrally rounded upon itself and bulged both outwardly and inwardly to provide a button and which fabric, from the inner round portion of the button is fluted and twisted upon itself to provide lobe portions which project outwardly from the button portion in all directions and which lobe portions have their outer ends inwardly directed and secured to the fabric stitched thereto and have their outer edges concentric to the center of the button.

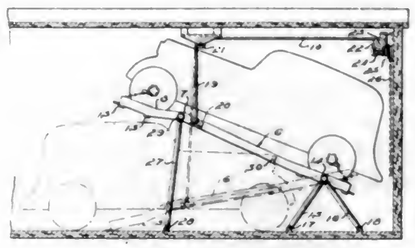
2,060,059
CAR LOADING DEVICE

Edward S. Evans, Detroit, Mich., assignor to The Worth Company, a corporation of Michigan

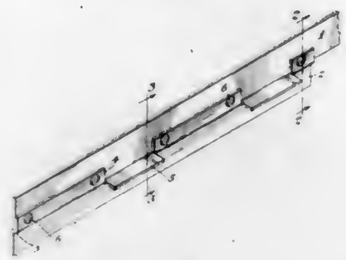
Application August 12, 1933, Serial No. 684,858
8 Claims. (Cl. 105—368)

1. In combination with a freight car or the like, a frame initially positioned in inclined relation to the floor of said freight car, one end of said frame resting on said floor and the other end thereof being supported above the floor of the car by a pivotal connection to the floor of the car, said frame being swingable about said pivotal connection, means to secure an object to said frame while the frame is in said initial position,

means to swing said frame about said pivotal connection to a secondary position upwardly displacing the free end of said frame, and means to retain the frame in said secondary position.



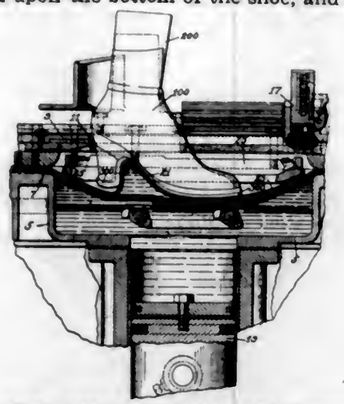
2,060,060
DIVIDING STRIP
Harry L. Fink, New Rochelle, N. Y.
Application November 16, 1932, Serial No. 642,885
5 Claims. (Cl. 94—17)



1. In a dividing strip: a lower section comprising a strip of sheet metal of single thickness having longitudinally spaced cut-out areas which extend downwardly from the top edge of the section and are spaced along the strip by a distance which is large as compared to their length along the strip, the cut-out metal being formed into separate wings which extend laterally from one side only of the section; and an upper strip-like section having an unflanged and unsevered lower edge, the upper section being positioned in overlapping relation to the lower section with its lower edge adjacent the top surfaces of said wings; the two sections being secured together in face-to-face contact at overlapping vertical portions thereof and below the upper edge of the lower section.

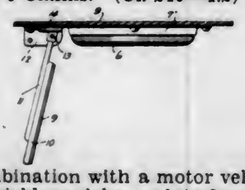
2,060,061
SOLE LAYING MACHINE
Sidney J. Finn, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application September 12, 1934, Serial No. 743,641
13 Claims. (Cl. 12—33)

1. A machine of the class described having, in combination, a pressure box one wall of which comprises a flexible member, a closed chamber containing a fluid projecting from one side thereof, means for supporting a lasted shoe with the chamber located in the recess formed by the heel breast and the shank of the shoe against pressure exerted upon the bottom of the shoe, and means



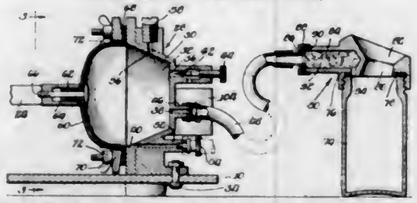
for causing pressure to be exerted through the flexible member against said bottom.

2,060,062
AUTOMOBILE ACCESSORY
Albert C. Fischer, Chicago, Ill.
Application May 27, 1933, Serial No. 673,268
6 Claims. (Cl. 240—4.2)



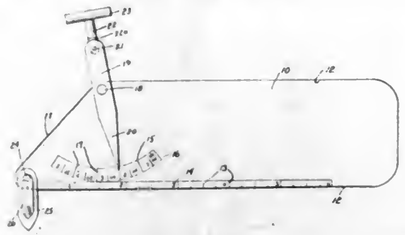
1. In combination with a motor vehicle canopy light and shield or globe, a plate for securing the shield or globe in place, a projection formed on the plate, and a mirror pivotally mounted upon the projections and adapted for use by an occupant of the vehicle who is illuminated by said light.

2,060,063
BREAST PUMP DEVICE
Peter A. Frimand, Wilmette, Ill.
Application November 21, 1932, Serial No. 643,553
2 Claims. (Cl. 230—170)



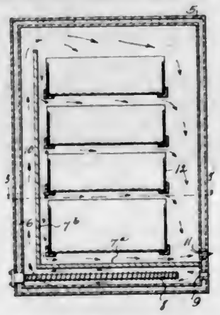
1. A breast pump device including a base, a pump structure on said base including a section having a pump chamber, a flexible pumping diaphragm superimposing said chamber and adapted to vary pressure conditions within said chamber, coupling means associated with said pump chamber and adapted to be connected with a breast appliance, conducting means communicating with said chamber and adapted to direct fluid such as condensate away from said chamber, and means for closing said conducting means, said closing means being removable from said conducting means and attachable to said coupling.

2,060,064
LETTER SCALE
John C. Fryer, Los Angeles, Calif.
Application April 14, 1933, Serial No. 666,148
1 Claim. (Cl. 265—61)



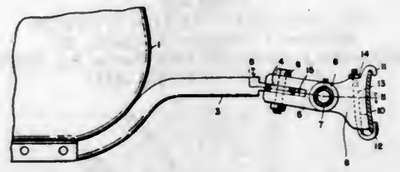
A letter weighing scale comprising an oblong plate having a transverse edge at one end disposed diagonally of its longitudinal axis, a letter carrying means mounted suspendingly at the apex corner of the plate made by said diagonal edge, a pivot pin mounted at the obtuse corner of the plate made by said transverse edge, a rectilinear pointer fulcrumed medially upon said pivot pin so that its upper portion projects a substantial distance above the obtuse corner of the plate, said plate bearing an arcuate series of designated calibrations concentric with said pivot pin the lower pointed end of which pointer is designed to sweep past said calibrations as the plate swings on the pivot between said pointer and said plate, and manually engageable handle pivotally connected to the projecting upper end of said pointer.

2,060,065
HEATING, DRYING, AND STERILIZING CABINET FOR TOWELS AND THE LIKE
Walter L. Gill and Volney C. Kincaid, Redlands, Calif.; said Kincaid assignor to said Gill
Application May 18, 1934, Serial No. 726,374
3 Claims. (Cl. 21—18)



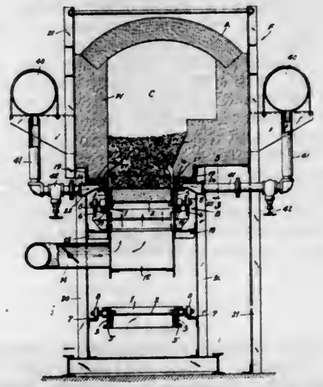
1. In combination a cabinet comprising insulated sheet metal bottom, top and four side walls, an imperforate baffle therein comprising a substantially horizontal wall spaced above the bottom of the cabinet and extending from one side wall thereof to a point spaced from the opposite wall and a substantially vertical wall spaced interiorly from a side wall of the cabinet and extending upwardly from the inner end of said horizontal wall to a point adjacent the top wall but being spaced at its upper end from said top wall, a heating element beneath the horizontal wall of the baffle and above the bottom of the cabinet, air inlet means beneath the horizontal wall of the baffle at that side of the cabinet remote from the vertical wall of the baffle, air outlet means in that side of the cabinet opposite to and remote from the vertical wall of the baffle but close to and at a point above the horizontal wall of the baffle, and article supporting means within the cabinet and between the vertical wall of the baffle and the side wall of the cabinet which contains the air outlet means, and spaced from both said vertical wall and said side wall to permit free flow of air downwardly along the opposite sides of the articles.

2,060,066
TRAILER DRAFT CONNECTION
George R. Goin, Detroit, Mich.
Application July 29, 1935, Serial No. 33,691
7 Claims. (Cl. 280—33.44)



7. In a trailer draft connection, the combination with a towing vehicle and a trailer, of a coupling member, means pivoting the coupling member to the towing vehicle to swing about an axis transverse to such vehicle, and means pivoting the trailer to the coupling member to swing about an axis inclined from the vertical in the direction of travel, whereby the trailer is adapted to be laterally tilted responsive and proportionately to relative lateral turning of the vehicle and trailer.

2,060,067
INCINERATING FURNACE
John E. Greenawalt, New York, N. Y.
Application September 25, 1933, Serial No. 690,833
9 Claims. (Cl. 110—40)

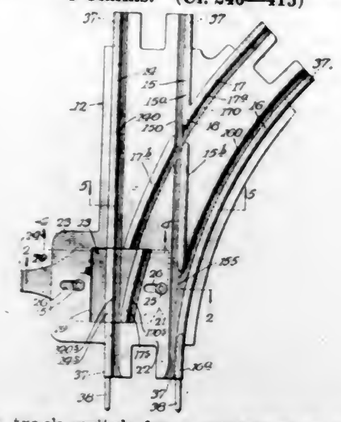


1. An incinerating furnace comprising a stationary section and a traveling section, the stationary section having refractory side walls enclosing a combustion chamber, the traveling section comprising an endless chain of pallets forming the bottom of said combustion chamber, said pallets having side walls forming a continuation of the stationary section side walls, and means for injecting air into the combustion chamber along the joints between the stationary section side walls and the side walls of the pallets.

2,060,068
MANUFACTURE OF CELLULOSE FROM LIGNOCELLULOSIC MATERIALS
Walter Henry Groombridge and Eric Vernon Mellers, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
No Drawing. Original application March 14, 1935, Serial No. 11,068. Divided and this application July 17, 1935, Serial No. 31,860. In Great Britain April 4, 1934
12 Claims. (Cl. 92—11)

1. Process for the manufacture of cellulose form lignocellulosic materials, which comprises extracting lignin from the materials by solution in organic solvents which contain sulphur dioxide.

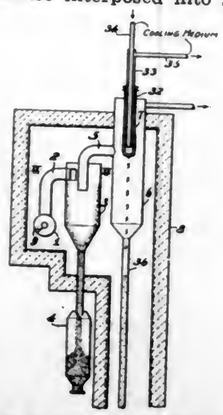
2,060,069
TOY RAILWAY TRACK SWITCH
William F. Hafner, Chicago, Ill.
Application January 29, 1934, Serial No. 708,785
8 Claims. (Cl. 246—415)



1. A track switch for a miniature or toy railroad, comprising a main sheet metal member stamped to form two diverging pairs of rails and web portions integrally connecting all of the rails, and an auxiliary sheet metal member stamped to form rail, web and operating handle portions, the web portion of said auxiliary member being movably connected to the web portion of the main member and the rail portion of the auxiliary member being interposed in a rail portion of one of said rail pairs and having one end adapted to be moved selectively into and out of cooperative relation with a rail portion of the other rail pair, the handle portion of said auxiliary member projecting sidewise from the switch so as to facilitate manipulation of the switch.

2,060,070
APPARATUS FOR PRODUCING SUBSTANTIALLY PURE MAGNESIUM
Fritz Hansgirg, Radenthein, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa., a corporation of Delaware
Original application December 28, 1933, Serial No. 704,298. Divided and this application December 17, 1934. Serial No. 757,783
6 Claims. (Cl. 266—19)

1. Apparatus for refining impure magnesium comprising a heating chamber, means for conveying the material to be refined through the said chamber, a condenser opening into a receiver for the condensed product of treatment, a pipe line for conveying vapor from the heating chamber to the said condenser, and a dust separating device interposed into said pipe line

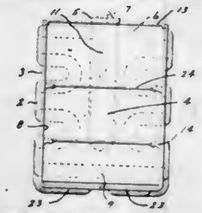


being adapted to precipitate the dust by provoking variations of the flow of the vapor capable of producing depositions of the suspended solids owing to their natural gravity.

2,060,071
ROLLING MAGNESIUM ALLOY
Robert D. Lowry and Fred L. Reynolds, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application May 21, 1934, Serial No. 726,755
2 Claims. (Cl. 148—11.5)

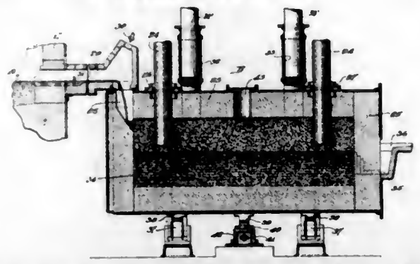
1. The method of producing rolled products of magnesium and magnesium alloys characterized by a high yield strength and freedom from waviness which consists in rolling the metal to nearly the final thickness at a temperature between 850° and 400° F., subjecting the rolled metal to a heat treatment at a temperature between about 500° and 850° F., and finally further rolling the heat treated metal to the final thickness at a temperature between about 40° and 200° F.

2,060,072
SHEET METAL EVAPORATOR
Delos P. Heath, Detroit, Mich.
Application May 16, 1931, Serial No. 537,965
Renewed August 24, 1934
12 Claims. (Cl. 62—126)



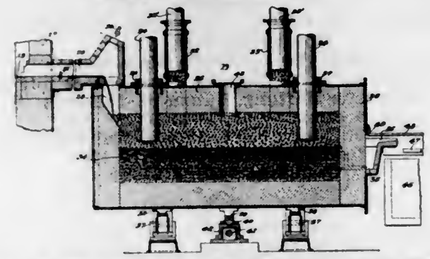
5. The method of making a sheet metal evaporator which consists in, superimposing sheet-like portions and securing said sheet-like portions together at certain contiguous points to provide a unitary double walled plate-like structure having a refrigerant passage or passages therebetween, forming the plate-like structure to provide at least three upright walls of a sharp freezing compartment, and bending an integral part of at least one upright wall of the double walled structure to provide a wall extending across said sharp freezing compartment.

2,060,073
COPPER REFINING METHOD
Russell P. Heuer, Haverford, Pa., assignor to The American Metal Company Limited, New York, N. Y., a corporation of New York
Application June 5, 1930, Serial No. 459,300
37 Claims. (Cl. 75—10)



1. In the art of preparing copper for making castings substantially free from cuprous oxide and gas cavities, the process which consists in desulphurizing copper cathodes in the solid state, in melting them free from contact with sulphur, the melt produced containing cuprous oxide, in reducing dissolved cuprous oxide in the molten copper bath by large surface contact with carbon in an atmosphere having insufficient carbon dioxide and hydrogen to harmfully affect the copper and in prolonging the reduction until the harmful content of carbon dioxide in the copper is removed.

2,060,074
COPPER REFINING APPARATUS
Russell Pearce Heuer, Bryn Mawr, Pa., assignor to The American Metal Company, Limited, New York, N. Y., a corporation of New York
Application April 15, 1932, Serial No. 605,389
In Canada March 23, 1931
9 Claims. (Cl. 22—57)



9. In combination, a fuel-fired copper melting furnace, a deoxidation furnace substantially filled with carbon submerged beneath the copper, means whereby the deoxidation furnace is agitated to improve the contact between the copper and the carbon, a mold and a conduit communicating with the interior of the mold for introducing a permanent gas of protecting character to prevent contamination of the copper by the atmosphere.

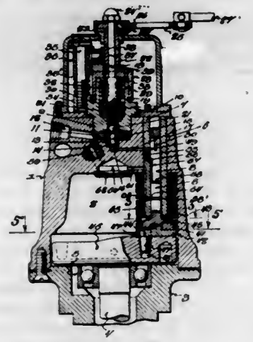
2,060,075
SWIVEL CHAIR MOUNTING
Walter F. Herold, Bridgeport, Conn., assignor to The Bassick Company, Bridgeport, Conn., a corporation of Connecticut
Application June 11, 1934, Serial No. 730,031
11 Claims. (Cl. 155—93)

1. In a swivel chair mounting, a chair seat support, a bearing portion carried by said chair seat support, vertical thrust pivot bearing means carried by said bearing portion, side thrust annular bearing means carried by said bearing portion, a chair base, a fixed tubular post secured to said base projecting upwardly and having sliding bearing relatively to said annular bearing means



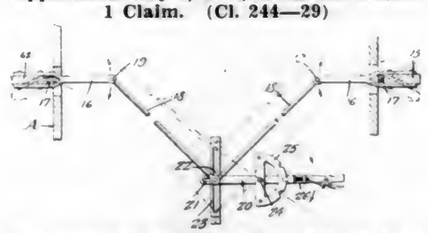
to take side thrust, a vertically adjustable member carried by said post, bearing means carried by said member engaging said vertical thrust pivot bearing means, and means within said tubular post for effecting the vertical adjustment of said member relative to said tubular post.

2,060,076
FUEL PUMP
Carl F. High, Flint, Mich.
Application January 30, 1933, Serial No. 654,275
8 Claims. (Cl. 103—173)



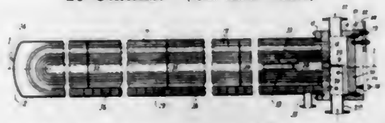
1. In a fuel injection pump comprising a casing provided with a fuel metering orifice, a valve controlling said orifice, a plurality of cylinders, plungers therein, said casing being provided with ducts forming communications between said orifice and said cylinders at a point below the orifice, means for reciprocating said plungers to pump a fluid and for oscillating said plungers to control the inlet and outlet of fluid to and from the cylinders, said plungers being provided with annular grooves and vertical grooves communicating therewith and adapted to register with said communications between said cylinders and said supply communications when said plungers reach the limit of their working strokes, whereby fuel passing the heads of the plungers is arrested and returned to said supply communications.

2,060,077
AIRCRAFT
Holman Stanley Hinkson, Lacytown, Georgetown Demerara, British Guiana
Application July 2, 1934, Serial No. 733,485
1 Claim. (Cl. 244—29)



The combination with a fuselage of an aircraft, of laterally swinging rudders arranged fore and aft of the fuselage, bifurcated arms extending outwardly through said fuselage from the interior and straddling the rudders for fastening therewith, connections between the fuselage and said rudders for swinging movement of the latter, a stationary slotted guide located within the fuselage, a pivot engaging the slotted guide and movable in its slot, links pivoted to the said pivot and also pivotally connected to the bifurcated arms, a stationary keeper segment located adjacent to the guide, an operating lever pivoted to the segment and having a slotted end accommodating the pivot working in the guide, and means on the lever for latching engagement with the segment to hold the lever in adjusted position.

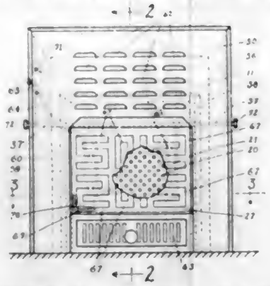
2,060,078
HEAT EXCHANGER
James C. Hobbs, Painesville, Ohio
Application February 7, 1936, Serial No. 62,733
19 Claims. (Cl. 257—239)



1. A heat exchanger comprising a shell, a bundle of fluid heating tubes enclosed by said shell and having a plurality of serial flow paths in opposite directions therethrough, means for supplying a fluid to be heated to a portion of said tube bundle, an inlet in said shell for a condensible heating fluid, and an outlet in said shell for condensed heating fluid, said inlet and outlet being arranged relative to said tube bundle to effect a flow of condensing heating fluid in one direction over one portion of said tube bundle and a flow of condensate in the opposite direction over another portion of said tube bundle.

2,060,079
COMBINATION SPACE HEATER
Myron E. Hood, Cincinnati, Ohio
Application August 21, 1933, Serial No. 685,986
8 Claims. (Cl. 126—92)

1. In a heater of the class described the combination of an open front radiant gas heating unit adapted to be received in a suitably vented recess, an apertured ornamental front housing communicating with the interior of said gas unit and extending above the gas unit at the front thereof, means including the upper part of said housing providing a louvered vertical chamber, guide means at opposite sides of the gas unit and housing and a composite electric heating unit constructed to close the aperture to conceal the gas heating unit when in lowered position, and shiftable in the guide means to positions respectively wherein said composite unit closes the open front of the gas unit and the gas heating



unit is concealed and wherein the electric heater unit is concealed in the vertical chamber for the selective joint and several energization of said units in the selected exposed and concealed positions.

2,060,080
BEAM ACTION STRINGER
Arthur C. Horner, San Francisco, Calif.
Application March 4, 1935, Serial No. 9,331
5 Claims. (Cl. 20—1.05)



1. A continuous beam action structure comprising a line of stringers having end portions in overlapping relation, a cementitious body interposed between said end portions and bonded thereto and effective adjacent the ends of the stringers, and a connector secured to each stringer adjacent its end and anchored in said body.

2,060,081
POINT FOR GOLD PENS AND METHOD OF FORMING THE SAME
Alfred Jedele, Hanau-on-the-Main, Germany, assignor to W. C. Heraeus Gesellschaft mit beschrankter Haftung, Hanau-on-the-Main, Germany, a company of Germany
Application November 8, 1934, Serial No. 752,186
In Germany November 11, 1933
2 Claims. (Cl. 113—32)

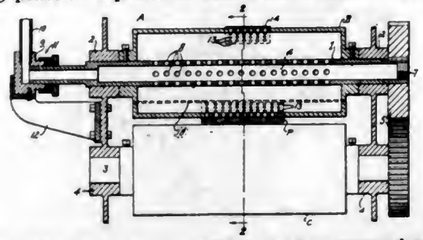


1. A method of forming the point on a gold pen, consisting in coating galvanically with a thin layer of a metal of the platinum group a granule of a hard metal alloy containing at least one metal of the platinum group and a base metal, and welding the coated granule to the gold nib.

2. For forming the point of a gold pen, a granule consisting of a hard alloy containing at least one metal of the platinum group and a base metal, and provided with a thin coating of a metal of the platinum group.

2,060,082
MEANS FOR ATTACHING PRINTING PLATES TO PRESSES
Frank R. Johnson, Floral Park, N. Y., and Charles F. Pflanze, University City, Mo.; said Johnson assignor to said Pflanze
Application March 13, 1935, Serial No. 10,762
6 Claims. (Cl. 101—378)

1. A printing press including a part adapted to receive and support a printing plate, said press part being provided with a vacuum chamber and having an aperture which communicates with said vacuum chamber and is exposed at a face of said press part, a printing plate arranged at said face of said press part so that a face of said printing plate is exposed to said aperture, and means



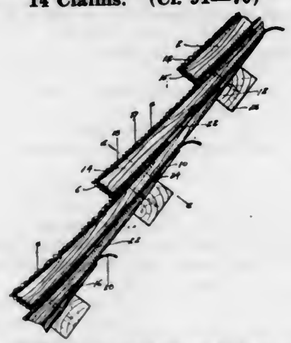
for creating a vacuum within said vacuum chamber and in said aperture, said printing plate being provided at the point where the printing plate contacts with the press part with means for distributing vacuum throughout substantially the entire area of the inner face of the printing plate.

2,060,083
COATED BASE MATERIAL
Robert T. Johnston, Plainfield, N. J., assignor to Bakelite Corporation, New York, N. Y., a corporation of Delaware
Application August 20, 1931, Serial No. 558,247
21 Claims. (Cl. 91—68)



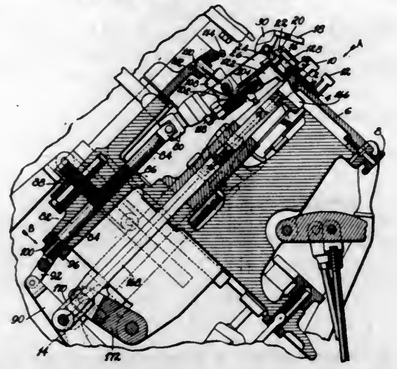
1. Roofing comprising a base, and a film of waterproof and non-softening character on said base, said film including an oil and a synthetic resin suspended therein, relatively large particles of mineral material bonded to the base and relatively smaller particles of mineral material between the larger particles, the two sets of particles being embedded in and bonded by said film.

2,060,084
COATED WOOD MATERIAL
Robert T. Johnston, Plainfield, N. J., assignor to Bakelite Corporation, New York, N. Y., a corporation of Delaware
Application March 4, 1932, Serial No. 596,715
14 Claims. (Cl. 91—70)



9. In a method of making a siding or roof assembly, a process of preparing wood base materials suitable for exposure to weather which comprises impregnating a wood base with a phenolic resin composition, and while the surface of the resinous composition is soft, coating the impregnated base with an oil composition bonding with the resin composition.

2,060,085
MACHINE FOR OPERATING ON SHOE UPPERS
Bernhardt Jorgensen, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application November 21, 1935, Serial No. 50,887
33 Claims. (Cl. 12—9)

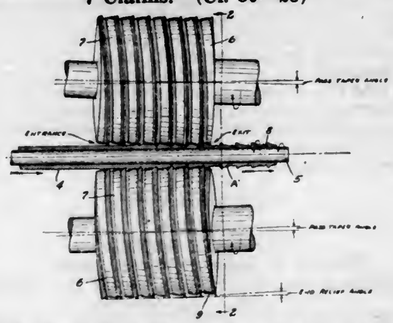


1. In a machine for operating on shoe uppers, means for conforming a plurality of layers of upper materials to the toe end of a last, and upper-trimming mechanism comprising a cutter arranged relatively to said conforming means to sever from the upper materials, by a cut directed heightwise of the last and continuous all around the end of the toe, the surplus margin of less than the total number of layers of the materials.

2,060,086
PRODUCTION OF CARBONYLIC COMPOUNDS
Carl T. Kautter, Berkeley, Calif.
No Drawing. Application December 24, 1934, Serial No. 758,989
20 Claims. (Cl. 260—134)

1. A process for the conversion of unsaturated compounds to valuable carbonylic compounds which comprises reacting a hydrocarbon containing an olefinic linkage between two aliphatic carbon atoms, at least one which is tertiary, with a halogen and water at a temperature substantially greater than about 100° C.

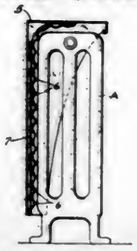
2,060,087
MILL FOR ROLLING ARTICLES OF CIRCULAR SECTION AND IRREGULAR PROFILE
Paul Klamp, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio
Application June 2, 1934, Serial No. 728,690
7 Claims. (Cl. 80—23)



6. A mill for cross-rolling stock into profiled

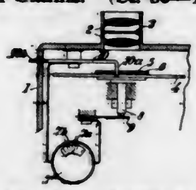
work of circular cross-section, said mill comprising equidistant work rolls arranged to form a pass, each of said rolls being disposed at an ordinary feed angle to said pass and having a profiled helical band of multiple turns and of a lead angle equal to the feed angle.

2,060,088
REFLECTOR FOR HEAT RADIATORS
Alfred M. Lane, St. Louis County, Mo.
Application July 28, 1934, Serial No. 737,397
3 Claims. (Cl. 237—79)



1. In combination, a heat radiator and a device located alongside of and spaced from said heat radiator comprising a layer of paper and a sheet of metal permanently secured to said paper having a highly polished surface adapted to reflect or throw back upon the radiator heat radiating from the adjacent side thereof, said layer of paper and the sheet of metal secured thereto being bent into a series of corrugations.

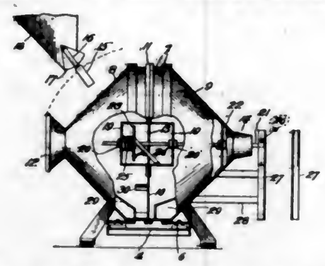
2,060,089
COMBINATION OF CAMERA AND EXPOSURE METER
Alfred Lingg and Siegfried Gelius, Munich, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
Application October 23, 1934, Serial No. 749,635
In Germany October 28, 1933
4 Claims. (Cl. 88—16)



1. In a photographic camera in combination, a casing, a lens mount mounted on said casing, an objective in said lens mount, a diaphragm mounted within said objective, a shutter comprising a metal plate mounted in proper relation to said objective for closing the picture aperture when the shutter is in its rest position, a rectifier photocell mounted on said metal plate in alignment with said objective, means for indicating the electric current excited in said photo-cell by the light projected thereon, and means for conducting the electric current excited in said photo-cell to said indicating means.

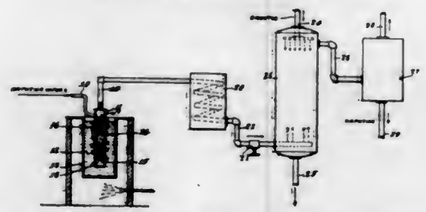
2,060,090
CONCRETE MIXER
Edward E. Long, Lawrence, Kans.
Application August 11, 1933, Serial No. 684,664
5 Claims. (Cl. 83—73)

1. In a concrete mixer, a tiltable rotatable drum provided with a partition dividing same into a receiving and a discharging chamber, a door controlling communication between said chambers, and means controlled through tilting movements of the drum, arranged to hold the



door open and non-rotatable during a mixing operation and to permit said door to close and rotate with the drum during a charging operation.

2,060,091
PROCESS OF CONVERTING AND REMOVING SULPHUR FROM PETROLEUM
Arthur L. Lyman, Berkeley, Calif., assignor to Standard Oil Company of California, San Francisco, Calif., a corporation of Delaware
Application August 13, 1932, Serial No. 628,641
6 Claims. (Cl. 196—25)

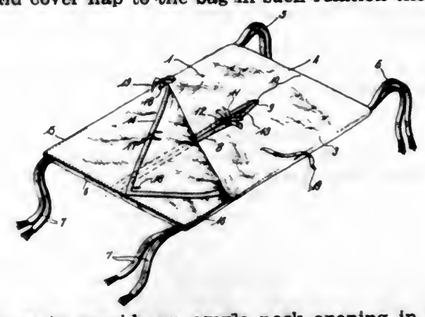


3. A method of treating petroleum distillates for the removal of sulphur therefrom, which comprises the catalytic decomposition of mercaptans and other organic sulphur-containing bodies present in a petroleum distillate into hydrogen sulphide, by contacting said petroleum distillate in vapor phase in the virtual absence of hydrogen at a temperature of between 550° F. and 750° F. and at a superatmospheric pressure, with a body of finely divided adsorbent having more than 30% porosity on a void-free basis attributable to pores of less than 0.030 millimeter in diameter, separating the treated petroleum distillate vapors from the adsorbent, and then separating hydrogen sulphide from the distillate.

2,060,092
INFANT'S SLEEPING BAG
Mary M. Lucas, Falls Church, Va.
Application September 9, 1935, Serial No. 39,847
2 Claims. (Cl. 5—343)

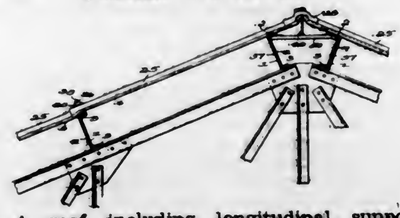
2. A sleeping bag for infants comprising a substantially rectangular bag having top and bottom walls secured together throughout the entire length of their marginal edges, a single opening in said bag centrally positioned with respect to said top wall and extending from a point adjacent the foot end of the bag to a point well below the head end of the bag, a cover flap extending from the foot end of the bag to a point somewhat below the point of termination of said opening, and a common means for securing the

sides of said opening together and for fastening said cover flap to the bag in such relation there-



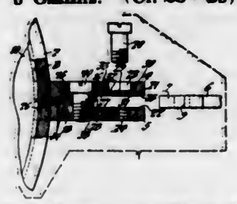
to as to provide an ample neck opening in the bag above the point of termination of the flap.

2,060,093
ROOF
Lawrence L. Markel, Warren, Ohio, assignor to Chicago-Cleveland Car Roofing Co., Chicago, Ill., a corporation of Delaware
Application July 8, 1935, Serial No. 30,361
9 Claims. (Cl. 108—13)



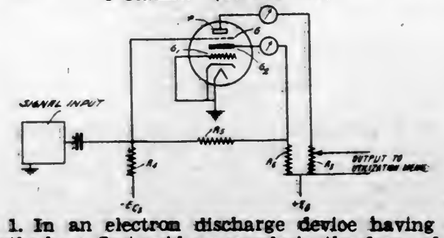
1. A roof including longitudinal supports, trough members carried by the supports, each of said trough members being provided with side walls and a web connecting the lower ends of the side walls having a raised central portion defining two longitudinally extending grooves, a plurality of roof sheets interposed between the trough members and arranged in end to end relation with their adjoining edges in interlocking engagement, the interlocking edges of the sheets being supported by said supports and the side edges of the sheets being hooked over the side walls of the trough members and supported thereby, cap members enclosing said trough members and the cooperating edges of the roof sheets, and means for securing the cap and trough members to said supports.

2,060,094
OPHTHALMIC MOUNTING
Laurence C. Martin, Providence, R. I., assignor to Martin-Copeland Company, Providence, R. I.; Edgar W. Martin, E. Cornell Martin, Laurence C. Martin, and George W. Bleecker, trustees
Application February 1, 1936, Serial No. 61,948
6 Claims. (Cl. 88—53)



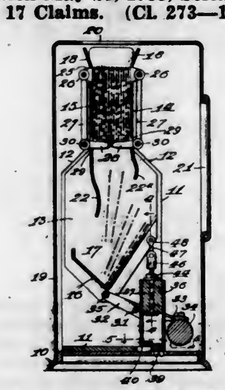
1. An ophthalmic mounting for spectacle frames, comprising end-pieces on the split rims of the frame, a shim overlying one of the end-pieces on the split rim and having a boss offset with respect to the plane of its main portion with a hole located centrally of the boss, said end-piece and overlying shim being formed to provide a slot-like opening therebetween, a temple having an end lying wholly between the shim and opposite end-piece, and a screw having its head engaging the boss on the shim and its shank passing through the central hole therein and through the temple and screwed into the opposite end-piece to seat the bottom of the shim against the top of the temple end whereby the latter is engaged by an annular bearing area on the shim remote from the axis of the screw.

2,060,095
THERMIONIC TRIGGER DEVICE
Richard E. Mathes, Westfield, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application February 28, 1934, Serial No. 713,275
6 Claims. (Cl. 178—70)



1. In an electron discharge device having a cathode, a first grid, an anode in the form of a grid, a second grid and another anode all within a single envelope, the method of operation which comprises biasing said grids so that a predetermined maximum current flows in one of said anodes and a predetermined minimum current flow in the other anode and applying a momentary potential to one of said grids whereby there is caused a predetermined minimum current flow in said one anode and a predetermined maximum current flow in said other anode.

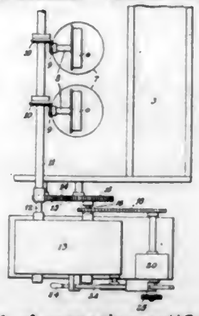
2,060,096
PLAYING CARD SHUFFLER
Harry E. McCoy, Los Angeles, Calif., assignor, by mesne assignments, to Jeannette Northrup, Los Angeles, Calif.
Application May 28, 1935, Serial No. 23,854
17 Claims. (Cl. 273—149)



1. In an automatic card shuffling device, the combination of a housing, a vertically movable card holder mounted in the housing movable

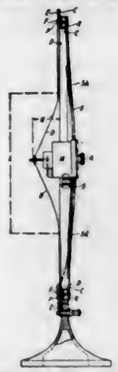
downward by the weight of the cards placed therein, and automatic means associated with said card holder for releasing the cards on the downward movement of said card holder.

2,060,097
METHOD OF SPINNING RAYON
Edward R. McKee, Buffalo, and Archibald S. Hunter, Kenmore, N. Y., assignors to Du Pont Rayon Company, New York, N. Y., a corporation of Delaware
Application August 19, 1933, Serial No. 685,816
3 Claims. (Cl. 18—54)



1. A method of preparing artificial threads or the like having a substantially improved uniform affinity for dyestuffs by the bucket process which comprises effecting compensation for variations which would otherwise cause non-uniformity in the dyeing quality of the yarn only by increasing the rate of delivery of the thread to the spinning bucket and simultaneously increasing the pump delivery to the spinneret in an amount sufficient to produce a yarn of substantially uniform denier.

2,060,098
DEVICE FOR EMITTING OR RECEIVING SOUND
Norman William McLachlan, Rochester, England, assignor to Radio Corporation of America, a corporation of Delaware
Application April 23, 1926, Serial No. 104,002
In Great Britain April 30, 1925
21 Claims. (Cl. 181—31)



1. The process of stiffening a conical, fibrous diaphragm which comprises applying a plurality of successive coats of stiffening material thereto, the number of coats applied adjacent the vertex being different than the number of coats applied adjacent the periphery.

5. In combination, an acoustic diaphragm comprising a woven fabric member having a conical central portion and a plane rim portion, and means engaging the peripheral portion of said diaphragm for maintaining said diaphragm under tension.

7. An acoustic diaphragm comprising a fibrous member, and a colloidal stiffening material incorporated into a portion only of said diaphragm.

2,060,099
MILKING STOOL
Cecil A. McNeff, Portland, Oreg.
Application April 25, 1934, Serial No. 722,298
2 Claims. (Cl. 155—191)



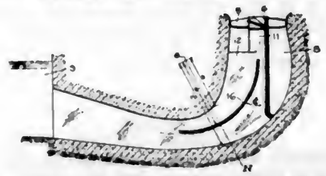
1. A stool comprising two end members of identical form each fashioned from a continuous bar of metal bent into the form of an irregular inverted loop having a substantially horizontal bight portion forming a seat supporting portion and a pair of legs diverging downwardly from said seat supporting portion and a ground engaging portion extending inwardly from each leg portion, said bar then being inclined upwardly to its extremities which are apposed in close proximity, two metal cross-members pivotally joined together intermediate the ends thereof and respectively secured at one end thereof to the said apposed extremities of the respective end members, means detachably securing the free end of each cross-member to the upper part of the opposite end member respectively, two boards of a length substantially equal to the length of said cross-members plus the distance from the base of the stool to said rivets joining the respective ends of said cross-members to said end members, and means securing said boards adjacent each end thereof to the respective seat supporting portions of said end members.

2,060,100
SHOWER BATH ATTACHMENT
Barnett Samuel Michelson, Boston, Mass.
Application February 28, 1935, Serial No. 8,772
5 Claims. (Cl. 4—148)



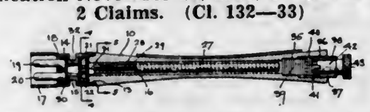
1. In combination, a vertically disposed water pipe and a plurality of substantially horizontally disposed pipes connected in pairs at different levels with an upper portion of the water pipe and extending in opposite directions therefrom, the pipes of each pair being of substantially the same length, but the pipes at the higher levels being progressively shorter than the pipes at the lower levels, the pairs of pipes being provided with substantially horizontally disposed openings facing in substantially the same direction, and the pipes of each pair inclining toward each other.

2,060,101
HYDRAULIC POWER APPARATUS
Lewis Ferry Moody, Princeton, N. J.
Application November 22, 1933, Serial No. 699,230
18 Claims. (Cl. 253—117)



1. In a vertical shaft hydraulic turbine having a runner, an elbow draft tube having a discharge passage for discharging the flow downstream into the tailrace, said draft tube including a stationary central core of diameter substantially the same as that of the runner hub and formed as a continuation thereof, said core extending coaxially of said runner on the discharge side thereof, and a vertical central pier extending laterally from said core into the discharge passage in a downstream direction toward the tailrace and extending vertically from top to bottom of the discharge passage and having side surfaces merging into the surface of said core.

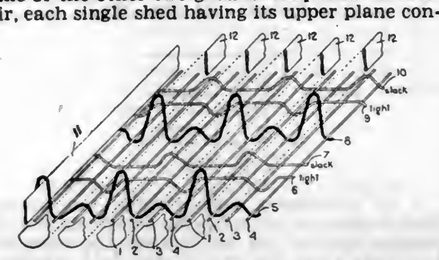
2,060,102
HAIR CURLER
Tomlinson I. Moseley, San Francisco, Calif.
Application November 29, 1935, Serial No. 52,128
2 Claims. (Cl. 132—33)



1. In a hair curling mechanism, a spool on which hair to be curled may be wound, a curler holder having a pair of spaced supports, one end of the spool having a portion to rotatably engage one of said supports, said spool having a coaxial bore formed inwardly from its opposite end, a bushing having a portion rotatably mounted in said bore and a portion projecting from the bore non-rotatably engaging the other of said supports, a spring disposed within the bore and bushing and engaging the inner peripheries thereof, whereby attempted relative rotation between the spool and bushing in one direction will tend to expand the spring and clutch the bushing to the spool and attempted relative rotation between the spool and bushing in the opposite direction will tend to reduce the spring and permit relative rotation between the bushing and the spool.

2,060,103
METHOD OF WEAVING WARP PILE FABRICS
George A. Morgan, Sanford, Maine, assignor to Sanford Mills, Sanford, Maine, a corporation of Maine
Application May 31, 1935, Serial No. 24,237
5 Claims. (Cl. 139—402)

1. The method of weaving a fast warp pile fabric which comprises arranging the warp ends in pairs of groups with each group consisting of a pile warp end and two ground warp ends, maintaining a relatively heavy tension on one ground warp end and a relatively light tension on the other ground warp end and the pile warp end of each group, forming alternately a double shed and a single shed with each double shed having its upper plane consisting of a pile warp end of one group of each pair, its mid plane of the pile warp end of the other group of each pair and of two ground warp ends of each pair and its lower plane of the other two ground warp ends of each pair, each single shed having its upper plane consisting of the tight ground warp ends and its lower plane of the pile and slack ground warp ends, inserting a pile wire in the upper shed and a pick of filling in the lower shed of each double shed and inserting a pick of filling in each single shed.



2,060,104
HARDENED VITREOUS ARTICLE
Harold R. Moulton, Sturbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts
Application May 28, 1934, Serial No. 727,960
6 Claims. (Cl. 49—81)



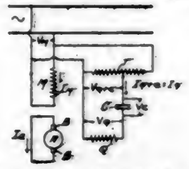
1. A composite safety hardened lens having a refractive correction comprising a layer of non-brittle bonding material faced on both sides with adherent layers of vitreous material, one of said adherent layers being relatively thick and hardened to resist impact and having a finished convex curved optical surface on the exposed face thereof shaped to produce a controlling factor of the finished refractive correction of the lens and the other of said adherent layers being relatively thin and substantially strain-free and having a finished optical surface on the exposed face thereof which, due to the unhardened nature of said layer, may be altered in curvature to produce a variable controlling factor of the finished refractive correction of the lens, said hardened layer, during the use of the lens, being on the side opposite the eye of the wearer so that its convex surface will be exposed to possible impact.

2,060,105
PROCESS FOR THE PRODUCTION OF POSITIVES AND NEGATIVES WITHOUT THE USE OF PHOTOGRAPHY OR PHOTOGRAPHIC APPARATUS
Edward P. Mulian, Bala, Pa.
Application September 29, 1932, Serial No. 635,307
3 Claims. (Cl. 41—46)



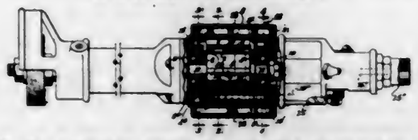
1. A process for the production of positives and negatives without the use of photography or photographic apparatus consisting of incorporating a light resisting impression from a printing form into a laminated film consisting of two extremely fragile films of a nitro-cellulose material, and a protective coating of gum arabic mounted upon a light transmitting nitrocellulose base.

2,060,106
ALTERNATING CURRENT MOTOR
Austin S. Norcross, Newton, Mass.
Application August 19, 1935, Serial No. 36,789
8 Claims. (Cl. 172—277)



1. An alternating current motor comprising a field winding, a rotor having a commutator and brushes disposed to short circuit the rotor substantially along the axis of said field winding, a quadrature winding spaced ninety electrical degrees from the field winding connected in parallel thereto and having in its circuit a capacitor of such a magnitude as to provide in the rotor a voltage resultant of the transformer and speed voltages, which resultant voltage leads the transformer voltage, and a voltage regulator in said circuit whereby to provide for varying the speed of the motor.

2,060,107
EXHAUST MEANS FOR ROTORS
Reinhold A. Norling, Aurora, Ill., assignor to Independent Pneumatic Tool Co., Chicago, Ill., a corporation of Delaware
Application May 2, 1935, Serial No. 19,423
4 Claims. (Cl. 121—34)

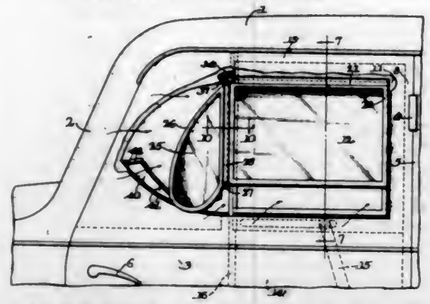


2. In a motor assembly of the character described, a bushing providing a rotor chamber, a casing surrounding the bushing, said bushing having radial end extensions in peripheral contact with the casing to support the bushing in the casing and to space the bushing from the casing to provide an exhaust chamber between them, end plates for the opposite ends of the bushing, said end plates fitting within the casing beyond the ends of the bushing and having peripheral contact with the casing, means for clamping the bushing in the casing and the end plates against the bushing, a rotor in said bushing and having piston blades engageable with the inner surface of the bushing, and inlet and exhaust ports for the rotor chamber, said inlet ports being in the bushing and the exhaust ports being in the end plates, said exhaust ports being formed in the peripheral portions of the end plates, and disposed to connect the exhaust side of the rotor chamber with the exhaust chamber about the opposite ends of the bushing, the end extensions on the bushing being formed to register the exhaust ports with the exhaust chamber.

2,060,108
TREATMENT OF BLACKSTRAP SLUDGE
John Louis Oberseider and Paul L. Robison, Philadelphia, Pa., assignors to The Atlantic Refining Company, Philadelphia, Pa., a corporation of Pennsylvania
5 Claims. (Cl. 23—51)
No Drawing. Application December 15, 1933, Serial No. 702,546

1. The method of treating an emulsion containing lead sulphide resulting from treating an oil with plumbite solution for the recovery therefrom of valuable products, which comprises adding to the emulsion a caustic alkali solution containing at least one compound from the group consisting of the alkali metal sulfides, acid sulfides, polysulfides and mercaptides, agitating the mixture, allowing the mixture to stratify into layers and separating said layers.

2,060,109
WINDOW DEVICE
Bert N. Parmenter, Lake Forest, Ill.
Application November 15, 1934, Serial No. 753,087
14 Claims. (Cl. 296—44)



1. A window device comprising a window frame, a pane, a sash frame for said pane and being slidably mounted in said window frame, means for articulating said pane to said sash frame and being so constructed and arranged as to provide for angular movement of said pane relative to said sash frame, an auxiliary pane, means for articulating said auxiliary pane to said first mentioned pane and being so constructed and arranged as to provide for a relative angular movement of said panes and for a relative sliding movement of said panes when said sash frame is slidably moved in said window frame.

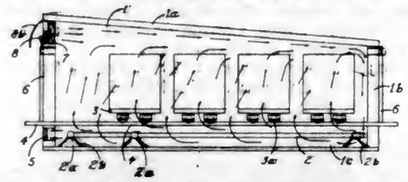
2,060,110
HYDRAULIC PRESSURE FLUID
Burton Paxton, Chicago, Ill., assignor to Chicago Hydraulic Oil Co., a corporation of Illinois
No Drawing. Application September 7, 1934, Serial No. 743,113
17 Claims. (Cl. 252—5)

1. A fluid mixture composed of glucose from 5 to not more than 20%, glycerine 20 to 5%, and a 75% mixture of equal parts of water and alcohol.

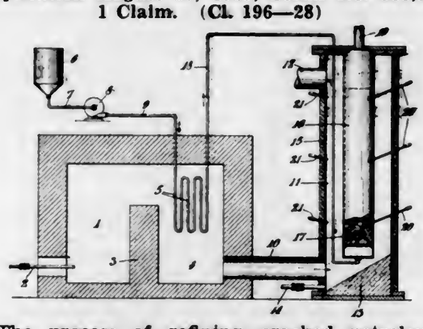
17. A hydraulic pressure fluid composed of glucose, glycerine, alcohol and water, the glycerine constituting not less than 5% of the fluid.

2,060,111
AIR-CIRCULATORY SYSTEM FOR DRY KILNS
Charles Phillips and George M. Harris, Louisville, Ky.
Application December 14, 1935, Serial No. 54,370
1 Claim. (Cl. 34—46)

A dry kiln of the character described, having an interior consisting of an upper part and a basement space; a rail-track running horizontally through said kiln between the upper part and said basement; lumber-trucks adapted to run on said rail-track and designed to hold green lumber to be dried; heavy walls, having thick sliding doors at either end thereof; a thick roof and a basement floor, all adapted to enclose these parts for their normal functions; a steam-boiler-radiator, consisting of a plurality of parallel steam-pipes and their manifolds, extending horizontally the length and breadth of said kiln and adapted to heat the air of the kiln to complete its circulation through the lumber on trucks above; an electric fan installed in the upper part of the front wall of the kiln, adapted to force a predetermined quantity of the fresh outer air into the kiln along over the tops of said loaded trucks to the rear of the kiln and down under said radiator, to be heated for circulation through the loads of lumber on the trucks above, as we have above explained.



2,060,112
PROCESS OF TREATING HYDROCARBON OILS
Ralph B. Pierce and Aubrey W. Trusty, Shreveport, La., assignors to Louisiana Oil Refining Corporation, Shreveport, La., a corporation of Virginia
Application August 27, 1929, Serial No. 388,688
1 Claim. (Cl. 196—28)



The process of refining cracked petroleum naphtha to decompose organic sulphur compounds present therein without polymerizing or otherwise destroying a substantial proportion of the unsaturated hydrocarbons of the naphtha, which comprises passing the cracked naphtha in a confined stream through a heating zone in which the naphtha is vaporized, passing the resulting vapors through a contact zone in intimate contact with a steel wool carrier material impregnated with a cadmium sulphide catalyst, maintaining a controlled temperature of from 600 to 700° F. in said contact zone, condensing the treated naphtha vapors from said contact zone, and washing the resulting condensate with an alkali solution to remove any hydrogen sulphide contained therein.

2,060,113
TREATMENT OF FABRICS CONTAINING ORGANIC DERIVATIVES OF CELLULOSE
Herbert Platt, Cumberland, Md., assignor to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application March 24, 1934, Serial No. 717,270
2 Claims. (Cl. 28—1)

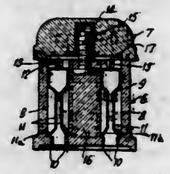
1. Process for the stiffening of fabrics containing yarns of organic derivatives of cellulose, which comprises padding said fabric with a dilute solution of 10 parts by volume of diacetone alcohol in 90 parts by volume of carbon tetrachloride, removing the carbon tetrachloride, and then subjecting the fabric to pressure at temperatures of 100° to 110° C. under such conditions that the filaments comprising the yarns of the fabric maintain substantially their original shape and the yarns are tacked together where they cross.

2,060,114
METHOD OF MAKING VARIABLE RESISTANCE UNITS
Leon Podolsky, Philadelphia, Pa., assignor to Wirt Company, Philadelphia, Pa., a corporation of Maine
Application April 26, 1934, Serial No. 722,474
4 Claims. (Cl. 201—76)



3. The method of making resistances comprising applying thin coatings on a sheet of semi-cured phenol condensation product as adjacent bands of conductive material of different resistance values, uniting the adjacent edges of said bands, heating the coated strip to complete the curing thereof and cutting the sheet transversely of said bands to form a plurality of strips.

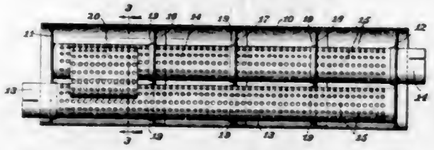
2,060,115
ELECTRICAL CONNECTER
Leopold Pollack, New York, N. Y.
Application December 17, 1934, Serial No. 757,820
1 Claim. (Cl. 173—340)



In a detachable wire tap device consisting of a base member, a top member adapted to be detachably affixed to the top of said base member, said base member being provided with spaced relatively shallow grooves formed in its top surface to receive electrical conductors, said base member also being provided with recesses extending from said grooves down through said base, shoulders formed in said recesses near the bottom thereof, U-shaped conductor members adapted to be mounted in said recesses and to have the ends of the U-shaped members seated on said shoulders, said U-shaped conductors formed to have substantially parallel inwardly off-set central portions positioned closer together than the closed end of the U-shaped member, said central portions adapted to engage opposite sides of a contact carried by a plug connecter when said plug is inserted in said base member, the free ends of each U-shaped member flaring outward from the central portion to thereby seat on the shoulders of said recesses, prong mem-

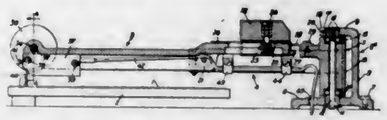
bers forming a part of and extending outwardly from the closed end of each of said U-shaped members into one of said shallow grooves to engage the electrical conductor and puncture the insulation thereof, each of said U-shaped members adapted to have its free ends forced against the shoulders in the base when said top member is firmly affixed to the base member forcing said prongs into electrical engagement with said electrical conductor and tending to compress said U-shaped member.

2,060,116
MUFFLER
Herbert S. Powell, Utica, N. Y.
Application August 23, 1935, Serial No. 37,587
5 Claims. (Cl. 181—49)



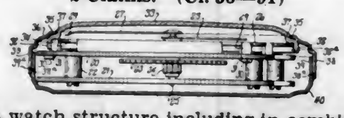
1. A muffler consisting of a tubular casing having end walls and transverse partitions dividing the internal space of the casing into separate compartments, an inlet tube extending from end to end of the casing and having an inlet connection through one end wall thereof, an outlet tube extending from end to end of the casing and having an outlet connection through the other end wall thereof, each said tube having apertures establishing communication between the tube and each said compartment whereby gases may flow from the inlet tube through its apertures into the compartment and thence through apertures of the outlet tube into said outlet tube, and conduit means providing direct connection for the movement of gases from the inlet tube to the outlet tube independently of the movement through said apertures.

2,060,117
PHONOGRAPH
Barton A. Proctor, Larchmont, N. Y., assignor to B. A. Proctor Company, Inc., New York, N. Y., a corporation of New York
Application April 24, 1934, Serial No. 722,110
12 Claims. (Cl. 179—100.41)



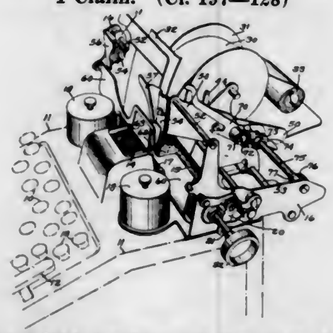
1. In a phonograph, a rigid arm, a translating element carried by the outer end of said arm, a counterweight on the inner end of said arm, a forked bracket, a horizontal pivotal connection between said arm and said forked bracket, a vertical bearing member and a vertical pivotal connection between said forked bracket and said vertical bearing member, comprising bearing members disposed above and below said forked bracket, said horizontal and vertical pivotal connections being respectively constructed and arranged to restrict said arm to oscillation in a vertical plane in said forked bracket and to restrict said forked bracket to oscillation in a horizontal plane around its vertical bearing, whereby all torsional aberration of said parts is prevented and said translating element is supported rigidly in all of its possible adjustive and operative positions.

2,060,118
WATCH
James R. Putnam, Waterbury, Conn., assignor to Waterbury Clock Company, Waterbury, Conn., a corporation of Connecticut
Application September 21, 1935, Serial No. 41,563
2 Claims. (Cl. 58—91)



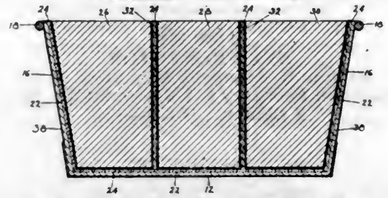
1. A watch structure including in combination: a movement-unit comprising a front movement-plate and a rear movement-plate secured together in spaced relationship, a third plate-like member secured to the said front movement-plate and offsetting forwardly therefrom in spaced relationship with respect thereto; a crystal having a rearwardly-extending terminal-flange embracing the periphery of the said plate-like member; and casing-means for the said movement-unit, including a front case-member and a back case-member, each having an offsetting flange telescopically engaging with the flange of the other case-member.

2,060,119
CALCULATING MACHINE
Ernest Racz, Detroit, Mich., assignor to Burroughs Adding Machine Company, Detroit, Mich., a corporation of Michigan
Application August 12, 1935, Serial No. 35,767
1 Claim. (Cl. 197—128)



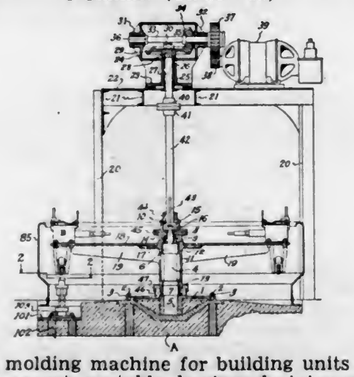
A front-feed machine of the class described having a paper support, a printing mechanism, a rotatable platen carried by said support, means on said support for holding a record sheet about said platen in feeding relation thereto, a front-feed paper chute and guide for receiving and guiding a work sheet into front-fed position relative to said platen and record sheet, said guide also acting to hold said work sheet in a substantially vertical position in front of said platen with the lower end of said sheet projecting rearwardly under said platen and to hold it sufficiently tight to enable characters to be clearly printed by said printing mechanism on the vertical portion of said sheet while holding it loosely enough to enable it to be moved laterally relative to said record sheet or to be quickly removed from the front or the rear without disturbing said record sheet, and means supporting said front-feed chute and guide enabling it to be moved laterally relative to said platen.

2,060,120
MANUFACTURE OF BATTERY BOXES
William F. Ray, Chicago, Ill., assignor, by mesne assignments, to Rubberized Metal Containers, Incorporated, Chicago, Ill., a corporation of Illinois
Application April 17, 1934, Serial No. 720,917
5 Claims. (Cl. 18—59)



1. That method of making a battery box or the like which comprises forming a tapered metal reinforcement having four sloping sides and a bottom, providing three cores to fit as a unit within said reinforcement, wrapping curable rubberlike material on the sides and bottoms of the cores, arranging the wrapped cores within the reinforcement with cushioning material between the cores and the sides and bottom of the reinforcement and between the successive wrapped cores, laying the upper margins of the rubberlike wrappings across the upper edges of the cushioning material and over the upper edges of the side walls of the reinforcement, laying curable material over the outside of the reinforcement, applying yielding pressure exerted between the bottom of the outside of the reinforcement and the tops of the cores to form a unitary assembly in which the tapered cores are urged into the tapered reinforcement to hold the curable material under pressure, and curing said material while it is so held under pressure.

2,060,121
CENTRIFUGAL MOLDING MACHINE
Robert Richardson and William S. Bateman, Jr., East Liverpool, Ohio, assignors to The Babcock & Wilcox Company, Bayonne, N. J., a corporation of New Jersey
Application May 21, 1932, Serial No. 612,708
6 Claims. (Cl. 25—41)



1. A molding machine for building units comprising a rotary table having draining molds including movable sides operable to open and closed positions and receiving a batch of liquid carrying material, a retractable follower for each mold, means for rotating the table to deliquidize the material and whereby the follower is moved into contact with the material when the mold is in closed position, means for retracting the follower when the table is stationary, and means for opening the mold only when the table is stationary.

2,060,122
PROCESS FOR THE MANUFACTURE OF ARTIFICIAL RESINS AND ARTIFICIAL MASSES BY CONDENSATION OF DICYANDIAMIDE WITH FORMALDEHYDE
Kurt Ripper, Berlin, Germany
No Drawing. Application July 9, 1931, Serial No. 549,798. In Austria July 30, 1930
5 Claims. (Cl. 260—3)

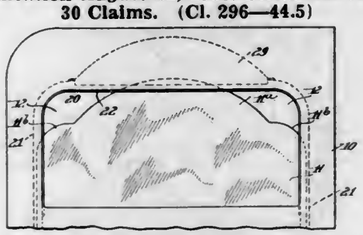
1. The process of producing a hydrophobe resinous condensation product which comprises dissolving boric acid and sodium hydroxide in an aqueous formaldehyde solution, the boric acid and sodium hydroxide being so proportioned that a solution having an alkalinity equivalent to about pH 9.4 results, adding dicyandiamide to said solution and applying heat thereto.

2,060,123
SHOETREE
Levi M. Rosenthal, New York, N. Y.; Annie Rosenthal executrix of the estate of said Levi M. Rosenthal, deceased
Application July 13, 1934, Serial No. 734,881
5 Claims. (Cl. 12—128.4)



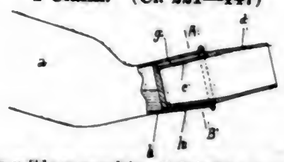
1. A shoe tree comprising a resilient shell, a resilient metal reinforcing device connected to said shell, said device having downwardly and outwardly extending legs at the rear portion of the shell, said legs being continued to form loops which project below the bottom edge of said shell, said loops being continued to form members which extend towards the front end of said shell.

2,060,124
WINDOW CHANNEL
Adolph Rydquist, Rochester, N. Y., assignor to The Schlegel Manufacturing Company, Rochester, N. Y., a corporation of New York
Application August 21, 1934, Serial No. 740,789
30 Claims. (Cl. 296—44.5)



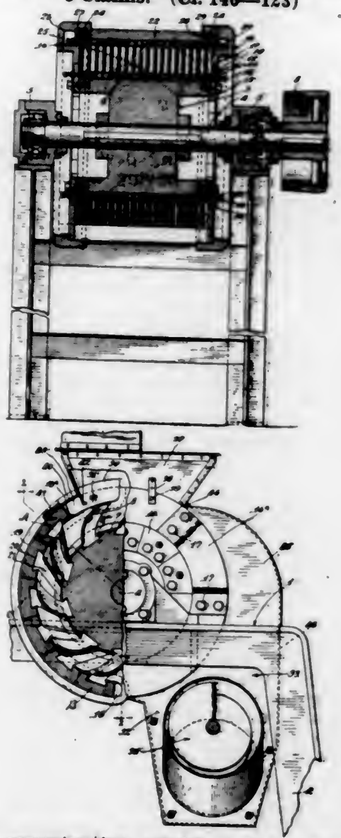
1. A structural unit comprising a pair of metal strips angularly disposed one relative to another, one having spaced laterally projecting parts in overlying engagement with the other, the latter having spaced tongue-like portions extending between said parts and bent down into engagement with a wall of the strip having said laterally projecting parts, the strip having the tongue-like portions also having angularly disposed parts engaging the other strip on the side thereof opposite that engaged by said tongue-like portions.

2,060,125
BOTTLE PROVIDED WITH COMBINED DRINKING AND MEASURING VESSEL
Max Samuel, Cologne, Germany
Application November 11, 1935, Serial No. 49,196
In Germany June 29, 1935
1 Claim. (Cl. 221—147)



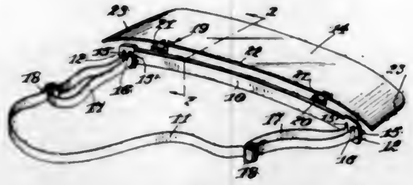
A bottle with a combined drinking and measuring vessel, characterized in that a glass plug conically shaped at both ends in known manner, which fits tightly into the conical neck of the bottle, is constructed hollow throughout and is provided with a bottom at one end only, said hollow glass plug being of such a shape that it can be used as a drinking or measuring vessel when mounted in the closed bottle.

2,060,126
COMMINUTING MACHINE
Rudolph Scheynost, Chicago, Ill.
Application January 23, 1935, Serial No. 3,080
5 Claims. (Cl. 146—123)



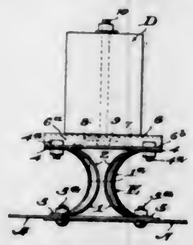
1. A comminuting machine of the character described comprising a rotor having a plurality of sets of outwardly extending knives thereon, a frame having arcuate slots therein, a plurality of units removably supported in said slots for free removal from and insertion therein and having inwardly extending knives for cooperation with said rotor knives, means for longitudinally adjusting each set of knives in said rotor, and means on said units for longitudinally adjusting the knives thereon.

2,060,127
EYE PROTECTOR
William B. Schofield, New York, N. Y.
Application February 6, 1934, Serial No. 709,931
3 Claims. (Cl. 2—12)



1. In a device for protecting the eyes from intense light, a headpiece adapted to surround the head, including an elongated strip bendable to suit the head, an elastic securing string loosely engaged in eyes in each end of said strip, means combined with the string for subjecting the same to a tightening strain whereby to maintain the strip longitudinally bent to lie flat against the forehead, and a glare shield for modifying light glare attached to and bendable longitudinally with said strip and independently movable into position across the line of vision.

2,060,128
HIGHWAY GUARD
Walter F. Scholz, Youngstown, Ohio, assignor to Truscon Steel Company, Youngstown, Ohio, a corporation of Ohio
Application June 7, 1935, Serial No. 25,491
10 Claims. (Cl. 256—13.1)

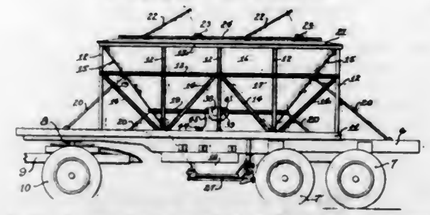


1. A highway guard including end and intermediate posts arranged at spaced intervals, a guard strip, spring means for connecting the strip to the end posts, a bracket connected to the strip at each intermediate post, said bracket including a slotted plate adapted to contact with the post face, a washer device having an offset boss fitting in said slot and adapted to bear directly against the post surface to provide a space for receiving the edges of the plate whereby the plate may shift on the boss between the washer and the face of the post, and a bolt passing through said washer and the post to rigidly secure the boss of the washer thereto.

2,060,129
COATING COMPOSITION AND ITS PREPARATION
Milton O. Schur, Berlin, N. H., assignor to Brown Company, Berlin, N. H., a corporation of Maine
No Drawing. Application December 29, 1934, Serial No. 759,801
7 Claims. (Cl. 134—17)

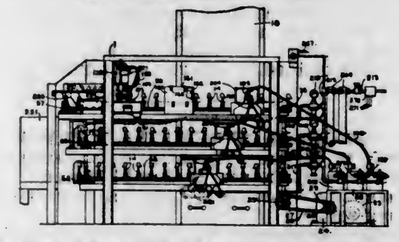
4. A method of preparing a rubber latex coating composition containing added water-soluble glue, glycerine, and a water-immiscible rubber solvent, which comprises first stably emulsifying the water-immiscible rubber solvent in an aqueous solution of the glue, and mixing the resulting emulsion with rubber latex and glycerine.

2,060,130
BOTTOM DUMP VEHICLE
William Proctor Scott, Oakland, Calif.
Application November 18, 1935, Serial No. 50,285
2 Claims. (Cl. 298—30)



2. In a bottom-dump vehicle having a main frame, a skeleton frame rising therefrom and comprising upright members and horizontal members, a sheet metal container within said skeleton frame, the upper portion of said container being secured to and suspended from the horizontal members in the upper portion of said skeleton frame, and the sides of said container sloping inwardly and downwardly in the form of a hopper, reinforcing ribs secured to the sloping sides of said container, and inclined braces extending outwardly and downwardly from said ribs to said main frame, said ribs and braces being independent of said skeleton frame whereby the weight of said container and its load is suspended from said skeleton frame and braced against horizontal stresses by said ribs and braces extending directly to said main frame.

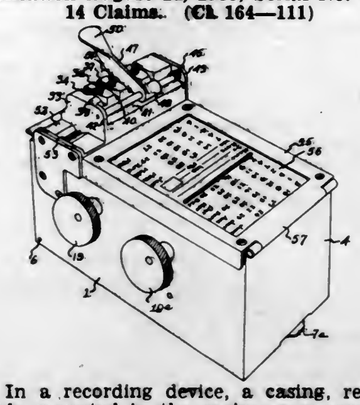
2,060,131
SPRAY COATING MACHINE
Augustus M. Sosa, Portsmouth, Ohio, assignor to Vulcan Corporation, Portsmouth, Ohio
Application November 29, 1935, Serial No. 52,223
36 Claims. (Cl. 91—45)



13. A machine of the character described, comprising an article conveyor, a plurality of spaced article impaling means on said conveyor, a spray station, an article support on which an article rests prior to being impaled on the impaling means carried by said conveyor, a ram for impaling the article on the said impaling means carried by said conveyor, and means controlled by movement of said conveyor for discharging articles therefrom.

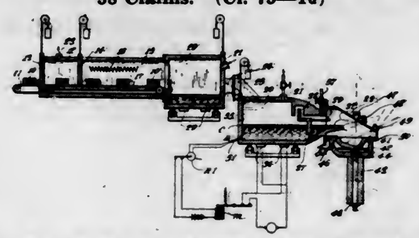
28. A machine of the character described, comprising an article conveyor, a plurality of spaced article carrying means on said conveyor, a means for loading articles on the impaling means carried by said conveyor, a spray station at which the articles are coated, and a treating chamber through which the coated articles pass, said treating chamber including an unheated zone into which the articles pass directly after coating, and a heated drying zone.

2,060,132
RECORDING DEVICE
Rupert D. Sparks, Williamson, W. Va.
Application August 14, 1933, Serial No. 685,036
14 Claims. (Cl. 164—111)



1. In a recording device, a casing, reels rotatably mounted in the casing, a support near the top of the casing, on which a record strip may be wound from reel to reel over said support, guiding means extending along and above said support in said casing, whereby, a card may be inserted and guided on said guiding means for adjustment longitudinally of the strip, and marking means on said casing above said guiding means, operative to mark both the card and the strip if a card has been previously inserted.

2,060,133
PROCESS FOR TREATING METALS
David L. Summey, deceased, Waterbury, Conn.; The Colonial Trust Company and Richard P. Weeks Summey, executors of said David L. Summey, deceased, assignors to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application May 8, 1931, Serial No. 535,829
58 Claims. (Cl. 75—10)



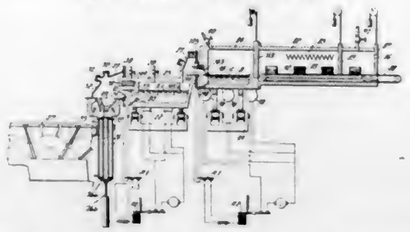
1. In the art of refining copper, the method which comprises continuously charging into a

bath of molten copper fully protected from the air in a heating vessel, increments of copper which is substantially free from sulphur and other contaminating substances such as are found in the gases of fuel heating flames; continuously maintaining the bath of copper in a molten condition in the vessel by the application of heat free from contaminating gases of fuel heating flames; continuously maintaining the space within the vessel adjacent the metal free from atmospheric air, oxidizing gases and other contaminating substances; continuously maintaining directly upon the copper, a covering of carbon and an atmosphere composed principally of carbon monoxide which are capable of completely removing any oxygen which the copper may contain; and continuously maintaining at a given point within the vessel a body of the copper protected from the atmospheric air and ready for removal from the vessel.

2,060,134
APPARATUS FOR REFINING METALS

David L. Summey, Waterbury, Conn.; The Colonial Trust Company and Richard P. Weeks Summey, executors of said David L. Summey, deceased, assignors to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut

Application June 27, 1932, Serial No. 619,474
Renewed June 29, 1935
45 Claims. (Cl. 22—64)



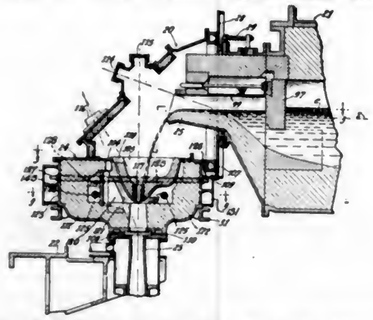
36. Apparatus for pouring metal comprising in combination, a tiltable hearth for pouring metal, a vertically fixed mold for receiving the metal, a vertically movable hood, means securely sealing the hood with said hearth which permits independent movement of either the hood or the hearth, said hood being sealed with the mold when it is lowered to seat thereon, a pipe for supplying gas to said hood and a vertically adjustable connection in the pipe for accommodating the movements of said hood.

2,060,135
METALLURGICAL APPARATUS

David L. Summey, Waterbury, Conn.; The Colonial Trust Company and Richard P. Weeks Summey, executors of said David L. Summey, deceased, assignors to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut

Application April 29, 1932, Serial No. 608,177
Renewed July 21, 1934
28 Claims. (Cl. 22—79)

25. Apparatus for directing a stream of molten metal between a pouring device and a receiving device, comprising in combination, a strainer bowl having a heat-conducting refractory lining in the bottom of which is formed a hole for the passage of the metal to the receiving device, said hole being several times greater in length than in diameter, whereby the stream of metal is accurately directed in a compact column, and electrical resistor heating elements so positioned about the strainer bowl that the heat radiated therefrom is concentrated upon said metal-

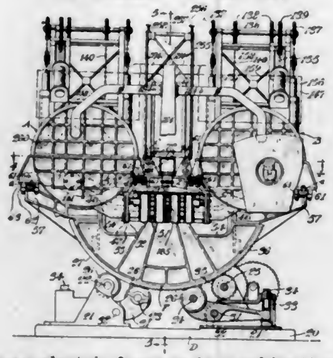


directing hole whereby the free and unobstructed passage of metal therethrough may be assured.

2,060,136
ELECTRIC FURNACE

David L. Summey, Waterbury, Conn.; The Colonial Trust Company and Richard P. Weeks Summey, executors of said David L. Summey, deceased, assignors to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut

Application March 5, 1932, Serial No. 596,980
Renewed February 21, 1935
28 Claims. (Cl. 13—26)



1. In an electric furnace in combination, a tiltable frame, a furnace assembly mounted upon said frame, connecting means between said assembly and frame designed to allow movement of the assembly relative to the frame under expansion and contraction but maintaining it securely against removal from the frame in all tilted positions, said connecting means comprising a corner joint rigidly securing the assembly to the frame, joints permitting slidable movement in one direction along each of two coordinates through said fixed joint, and joints at other places permitting slidable movement in any direction in the plane defined by the two coordinates and the fixed joint.

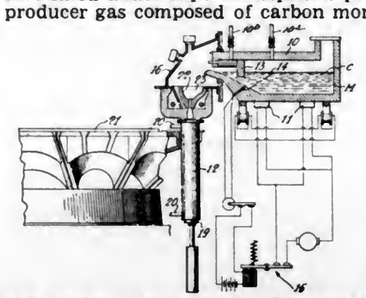
2,060,137
PROCESS OF REFINING METALS

Luther W. Bahney, Elizabeth, N. J., assignor, by mesne assignments, to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut

Application October 26, 1934, Serial No. 750,048
11 Claims. (Cl. 75—76)

1. The method of treating copper to secure castings of high density free from cuprous oxide, which comprises, maintaining molten copper in an electric furnace in the presence of carbon and

securing adequate interaction therebetween to remove any oxide of the metal which may be present, coating a deep vertical steel mold with a coating material consisting of bone-black, bone-ash and water having a specific gravity of from 12° to 22° Beaumé and evaporating the water, pouring the metal from the furnace at a temperature below 1140° C. into a strainer within a structural enclosure filled under superatmospheric pressure with producer gas composed of carbon monoxide



over 10%, carbon dioxide under 15%, the balance principally nitrogen, the gas being substantially free from water vapor and hydrogen, pouring the metal from the strainer into the mold at the rate of 25 to 160 pounds per minute, circulating water about the mold at a suitable temperature and volume to keep the mold within a temperature range of between 190° F. and 240° F., and positively protecting the metal from the air until solid.

2,060,138
CORROSION INHIBITOR

Maurice H. Taylor, Stoneham, Mass., assignor to Merrimac Chemical Company, Everett, Mass., a corporation of Massachusetts

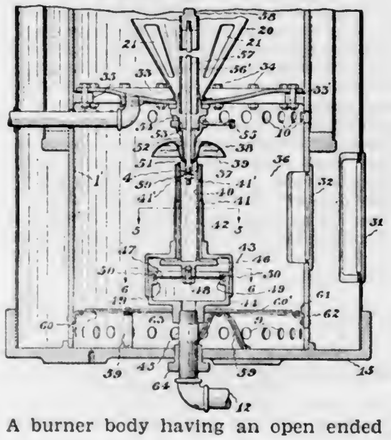
No Drawing. Application September 16, 1935, Serial No. 40,787
14 Claims. (Cl. 252—5)

1. A corrosion inhibitor for liquids corrosive to metals comprising a mixture of cyclohexylamine and soap.

2,060,139
LIQUID HEATER

Edmund J. Te Pas, Lakewood, Ohio, assignor to The Cleveland Heater Company, Cleveland, Ohio, a corporation of Ohio

Application April 21, 1928, Serial No. 271,797
Renewed September 12, 1932
23 Claims. (Cl. 236—21)

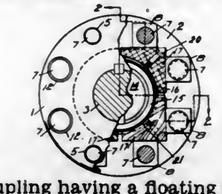


1. A burner body having an open ended gas supply conduit, a thermostat positioned in said body, a valve stem and valve head freely supported in said conduit by said thermostat, a burner head supported by said valve stem adjacent the open end of said supply conduit, and a second thermostat located exteriorly of said burner body and operatively connected to said valve stem.

2,060,140
FLEXIBLE COUPLING

George H. Thomas, Erie, Pa.

Application August 26, 1935, Serial No. 38,786
15 Claims. (Cl. 64—31)

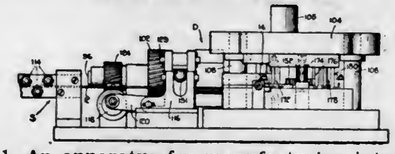


1. In a coupling having a floating block connection, in combination, a driving and a driven member, a plurality of detachable pivoted jaws having inner bearing surfaces disposed on said driving and driven members in substantial parallel relation to oppositely disposed inner bearing surfaces, and a coupling member coacting with the inner bearing surfaces of said jaws to transmit power from said driving to said driven member.

2,060,141
MANUFACTURE OF ELEMENTS FOR SLIDE FASTENERS

Frederick Ulrich, New York, N. Y., assignor, by mesne assignments, to Conmar Products Corporation, New York, N. Y., a corporation of New York

Application April 12, 1934, Serial No. 720,232
16 Claims. (Cl. 29—34)



1. An apparatus for manufacturing interlocking elements for slide fasteners, said apparatus including means to longitudinally feed a strip of material no wider than the transverse width of the elements, means to sever embryo elements in end to end relation from said strip, and means to split the ends of the elements to form divergent jaws.

2,060,142
DEMODULATION CIRCUIT

Rudolf Urtel and Karl Steimel, Berlin, Germany, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

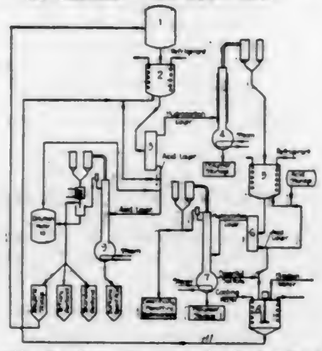
Application November 29, 1933, Serial No. 700,251
In Germany December 27, 1932
4 Claims. (Cl. 250—27)



1. In a modulated carrier receiving system, a demodulator network including a tube provided with a cathode, an anode, a screen grid which

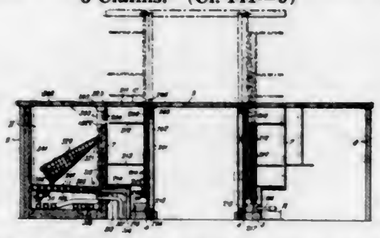
is maintained at a positive direct current potential with respect to the cathode and at the same alternating current potential as the latter, a signal control grid disposed between the cathode and screen grid, and an auxiliary electrode disposed between the screen grid and anode, an input circuit, tuned to the operating carrier frequency, connected between the cathode and signal grid, means for impressing energy of said carrier frequency upon said auxiliary electrode, said impressing means including a connection between said auxiliary electrode and a point of said tuned input circuit, an output network coupled between the cathode and anode for utilizing the demodulated currents, and means for maintaining both said signal grid and auxiliary electrode at a substantial negative direct current potential with respect to said cathode.

2,060,143
PRODUCTION OF ALCOHOLS
Gerald Henry Van de Griendt and William Engs, Berkeley, Calif.
Application July 7, 1934, Serial No. 734,118
23 Claims. (Cl. 260—156)
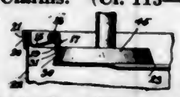


1. A method of producing alcohol which comprises the substantially selective removal of tertiary base olefines from olefinic mixtures by absorption in aqueous acid liquor of a concentration and at a temperature whereby substantial polymerization of tertiary base olefines are avoided and insufficient to substantially absorb any secondary olefines present in said olefinic mixtures.

2,060,144
DISHWASHER
Howell S. Vincent, Brookline, Mass.
Application March 15, 1930, Serial No. 436,128
8 Claims. (Cl. 141—9)



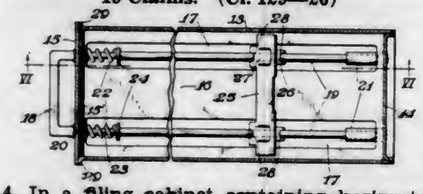
1. In a dish washer, the combination of a table; a vertically movable, rotatable shelf mounted in said table; a chamber located in said table adjacent said shelf and provided with a dish receiving passageway; elevating means adapted to cause said shelf to register with the top of said table, and to cause the floor of said shelf to register with said passageway; means adapted to cause rotation of said shelf when it is in either position of adjustment; and means adapted to remove dishes from said shelf through said passageway into said chamber when said shelf is in the second mentioned position of adjustment and is rotated.

2,060,145
CAN CLOSURE AND METHOD OF MAKING THE SAME
William Martin Vogel, Bloomfield, N. J.
Application October 19, 1935, Serial No. 45,727
8 Claims. (Cl. 113—19)



1. The method of making a can closure comprising, forming a disk into a cup-shaped member provided with a laterally extending annular flange, severing said member on a line parallel to the plane of the flange at a point between the flange and the closed end of the cup-shaped member to form the member into a cup-shaped cover and an annular retaining ring, attaching said ring to the top of a can in such a position that it is provided at its inner edge with a downwardly extending annular flange, seating the cover within the ring with the closed end of the cover positioned below the lower edge of the downwardly extending flange on the ring, and laterally distorting a part of the cover only and adjacent to its closed end to cause it to be extended laterally below the lower edge of the flange on the ring.

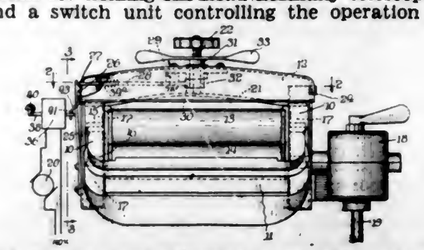
2,060,146
FILING CABINET
Vanderveer Voorhees, Hammond, Ind.
Application May 28, 1935, Serial No. 23,922
19 Claims. (Cl. 129—26)



4. In a filing cabinet containing horizontally movable drawers, the combination with a drawer body of one or more longitudinal horizontal members movably attached to the drawer body, a transverse follower member releasably attached to the longitudinal horizontal members, said follower member being capable of movement longitudinally along said longitudinal horizontal members, means for continually urging the longitudinal horizontal members rearwardly relative to the drawer body, means for employing a force externally applied to the drawer body for removing the drawer from its compartment and means for employing said force simultaneously to urge the longitudinal horizontal members forwardly relative to the drawer body, substantially as and for the purpose set forth.

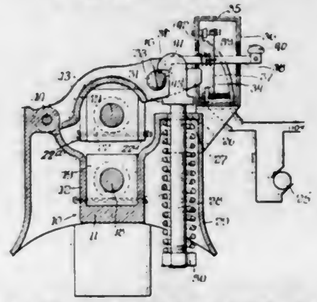
2,060,147
WRINGER
Walter K. Voss, Davenport, Iowa
Application April 24, 1933, Serial No. 667,528
2 Claims. (Cl. 68—32)

1. In a wringer, a frame having upright side stiles in which wringer rolls are mounted for operation under applied spring pressure, driving means for said rolls, a head arranged to telescope over said side stiles and when so telescoped to maintain the rolls under pressure, releasable means for holding the head normally telescoped, and a switch unit controlling the operation of



said driving means having a movable contact, spring means exerting a force for yieldingly holding said contact in circuit breaking position, and means connecting said movable contact and an external part of said head for holding the contact in circuit making position when the head is operatively associated with the frame.

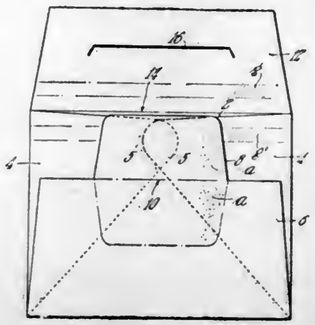
2,060,148
WRINGER
Walter K. Voss, Davenport, Iowa
Application April 24, 1933, Serial No. 667,529
2 Claims. (Cl. 68—32)



1. In a wringer having separable frame sections supporting wringer rolls, driving means for said rolls, quick release means for applying operative spring pressure to the wringer rolls and for instantly relieving such pressure therefrom including a manually operable member journaled in one section of said frame and having a cam engagement with the other section to apply and release the pressure upon rotational movement in one direction or the other respectively, and a switch controlling the operation of said driving means including a movable contact arranged for connection with said manually operable member to hold said contact in circuit closing position when said member is in the pressure applying position thereof, and a spring exerting its force to move said contact into circuit breaking position when the holding connection is interrupted by rotation of said member.

2,060,149
ENVELOPE
Albert Walton, Jr., Springfield, Mass., assignor to Old Colony Envelope Company, Westfield, Mass., a corporation of Massachusetts
Application December 20, 1935, Serial No. 55,419
2 Claims. (Cl. 229—80)

1. As a new article of manufacture, an envelope of the self-sealing type comprising in combination, a front portion, end and back flaps hinged to said front portion and extending inwardly in overlapping relation adjacent the back face of said front portion to form a back portion, an auxiliary sealing flap member hinged to said back portion for swinging between an extended non-sealing position and a folded-down sealing position overlying a certain part of said back portion, areas of adhesive on said flap member and on said certain part of the back portion, said adhesive being of the type which is adapted to adhere to itself without adhering to the envelope material, the said adhesive areas being arranged



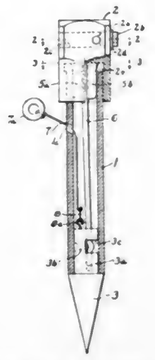
to register with one another when the auxiliary flap member is swung into sealing position, and a closure flap hinged to said front portion for swinging between an extended non-closing position and a folded-down sealing position and provided with a slot for receiving said auxiliary flap member when in its said closing position, all adapted and arranged whereby said closure flap and auxiliary flap member may be simultaneously swung into closing and sealing positions respectively with the flap member extending through the slot thereof and its adhesive area caused to adhere to the adhesive area of the back portion.

2,060,150
DEVICE FOR OPENING MOWER PITMAN STRAPS
Arthur L. Warner, Elgin, Ill., assignor to Illinois Iron & Bolt Company, Carpentersville, Ill., a corporation of Illinois
Application October 10, 1934, Serial No. 747,739
2 Claims. (Cl. 287—89)



1. The combination with a member having a substantially spherical bearing, of a pitman having resilient arms with complemental bearings engaging respectively opposite portions of said spherical bearing, said arms having sloping surfaces upon their confronting faces, said sloping surfaces merging into plane portions, a bolt extending through said arms adjacent said sloping surfaces, a lever having a hub pivoted upon said bolt, said hub having sloping surfaces for engaging said sloping surfaces on said arms for spreading the same and having flat portions rearwardly of said sloping surfaces for engaging between the plane portions on said arms for maintaining the same in spread apart position.

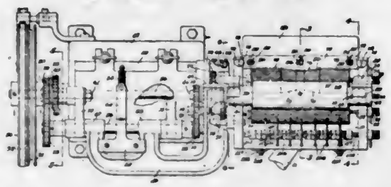
2,060,151
GROUND ROD
Albert J. Wayman, East Palestine, Ohio, assignor of one-half to E. H. McClure, East Palestine, Ohio
Application October 6, 1934, Serial No. 747,218
11 Claims. (Cl. 173—31)



5. In a ground rod, the combination of a tube, a driving point closing one end of said tube, a grounding conductor arranged within said tube and connected to said driving point, a tapered split-plug arranged within the open end of said tube and embracing the upper end of said grounding conductor, a driving head provided with a sleeve telescoping the upper end of said tube, said driving head being arranged to force said split plug into the end of said tube, thereby expanding the end of said tube and locking the same within said sleeve and clamping the upper end of said grounding conductor within said split plug.

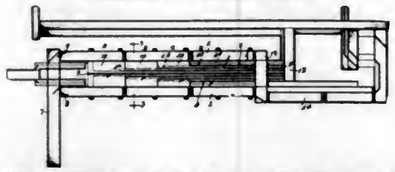
10. In a ground rod, the combination of a rod having a driving point at one end and and a driving head at the other end, and a thread-like depth indicator extending along said rod and having one end thereof secured to said rod near the driving point by a frangible connection.

2,060,152
CEMENTING MACHINE
Lloy E. Whelpley, Beverly, Mass., assignor to Boston Machine Works Company, Lynn, Mass., a corporation of Massachusetts
Application January 23, 1932, Serial No. 588,348
34 Claims. (Cl. 12—80)



1. In a cementing machine, the combination with means for supporting and coating one face of the work, of means engaged with the opposite face of the work and spaced from the work supporting and coating means a distance at least greater than the thickness of the work directly cooperating for an interval only during the passage of the work through the machine with only the first named means to feed the work positively.

2,060,153
FRUIT SORTING APPARATUS AND METHOD
Charles E. Whipple, Santa Paula, Calif.
Application February 23, 1934, Serial No. 712,479
7 Claims. (Cl. 209—125)



1. In sorting apparatus for sorting fruit and the like, the combination of a conveyor for advancing the unsorted fruit, a number of sorting stations for individual fruit sorters respectively, disposed side by side along the conveyor, a second conveyor extending longitudinally with the first-named conveyor, longitudinally disposed guide rails disposed over the second conveyor and dividing the same into the same number of guideways as there are sorting stations, and substantially horizontal bridge means associated with each sorting station for covering the guideways adjacent to the sorting station and corresponding to other sorters, to facilitate the placing of the fruit selected at that station into its proper guideway.

3. The method of sorting fruit or the like, which consists in advancing all of the fruit to the first of a plurality of sorting stations, sorting a portion of said fruit at said first station, and advancing the remainder of the unsorted fruit to the second sorting station, sorting a portion of the fruit at said second station, and continuing the sorting operation at the remaining stations in succession, maintaining the fruit selected by each sorter segregated from the rest of the selected fruit, and advancing all of the selected fruit in its segregated state past an observer's station so that the observer can individually observe the characteristics of the fruit selected by the different sorters.

2,060,154
SUBSTITUTED AMIDES OF TERTIARY BUTYL ACETIC ACID
Frank C. Whitmore, State College, Pa., and August H. Homeyer, St. Louis, Mo., assignors to Mallinckrodt Chemical Works, St. Louis, Mo., a corporation of Missouri
No Drawing. Application November 3, 1934, Serial No. 751,418
6 Claims. (Cl. 260—124)

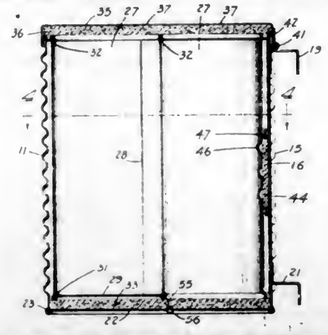
1. A substituted amide of tertiary butyl acetic acid corresponding to the type formula:

$$(CH_3)_3C—CHX—CONR'R''$$

where X represents hydrogen or a halogen, R' represents hydrogen or a hydrocarbon radical, and R'' represents a hydrocarbon radical.

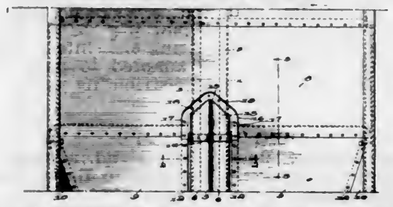
2,060,155
INSULATED CONTAINER
Avery B. Wilhelm, Miami, Fla., assignor to John N. Ledbetter, 3d, New York, N. Y.
Application November 29, 1932, Serial No. 644,807
5 Claims. (Cl. 220—16)

1. An insulated receptacle for holding and preserving food products, comprising in combination, an outer tubular body of comparatively light gauge sheet material and of substantially triangular shape in cross section and having three substantially straight sides joined by three gradually rounded corners, and three cylindrical inner compartments spaced from said body and hermetically joined to said body by a web member, the spaces between said compartments and said body being sealed against the atmosphere, whereby a vacuum may be created in said spaces, the arrangement of said sides and corners cooperating to provide resistance against atmospheric pressure to prevent collapse when a substantial vacuum is created in said spaces.



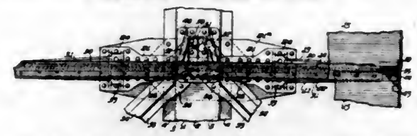
2. An insulated receptacle for holding and preserving food products, comprising in combination, an outer tubular body of comparatively light gauge sheet material and of substantially triangular shape in cross section and having three substantially straight sides joined by three gradually rounded corners, a cylindrical inner compartment arranged in each of said corners, said compartments being spaced from each other and from said body to provide insulating spaces, and being joined to each other and to said body by a web member in hermetic seams, said insulating spaces being adapted to be vacuumized, the arrangement of said sides and said corners cooperating to provide resistance against atmospheric pressure to prevent collapse when a substantial vacuum is created in said spaces.

2,060,156
RAILWAY HOPPER CAR
William E. Wine, Toledo, Ohio
Application May 20, 1935, Serial No. 22,475
5 Claims. (Cl. 105—249)



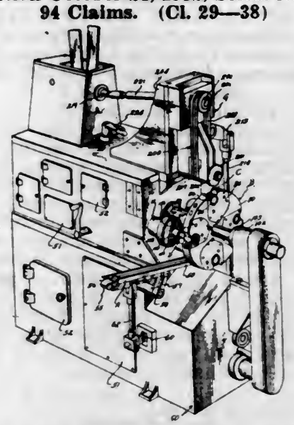
1. In a railway hopper car the combination with a center sill having a hood, of an inclined floor extending transversely of the car on opposite sides of the center sill, and means rigidly connecting adjacent portions of the floor and center sill hood, said means comprising an integral casting including downwardly diverging top walls secured to said hood, substantially vertical side walls secured to the sides of the center sill, and a downwardly inclined flange having parallel portions projecting laterally from the respective side walls and convergent portions extending upwardly along said top walls, each of said portions of the flange being disposed in substantially the same plane and being rigidly secured to the car floor.

2,060,157
RAILWAY CAR
William E. Wine, Toledo, Ohio
Application August 1, 1934, Serial No. 737,973
7 Claims. (Cl. 105—414)



1. In a railway car, the combination with a center sill, of diagonal braces extending inwardly from the corners of the car and having portions disposed in overlapping relation to the top of the center sill, a body bolster having a rigid portion disposed in overlapping relation to said portions of the braces, and means passing through the latter for connecting the braces directly to the body bolster and center sill.

2,060,158
METAL WORKING MACHINE
George F. Yager and Oliver J. Heath, Toledo, Ohio, assignors to The Bunting Brass and Bronze Company, Toledo, Ohio, a corporation of Ohio
Application October 24, 1932, Serial No. 639,354
94 Claims. (Cl. 29—38)

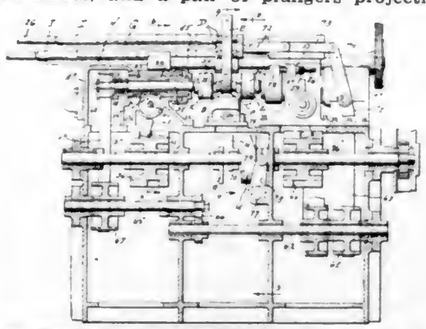


1. In a metal working machine, the combination with a tool holder having a tool associated therewith and a device for supporting the work in operative relation to the tool holder, of means for simultaneously reciprocating and rotating the tool holder relative to the work, and means automatically operable during the aforesaid movement of the tool holder for gradually feeding the tool holder in a direction transverse to the axis of rotation of the same to increase the depth of cut of the tool and for quickly moving the tool holder in a direction away from the work after a predetermined interval of operation thereof.

2,060,159
CHAMFERING MACHINE
George F. Yager and Oliver J. Heath, Toledo, Ohio, assignors to The Bunting Brass and Bronze Company, Toledo, Ohio, a corporation of Ohio
Application December 30, 1933, Serial No. 704,736
16 Claims. (Cl. 82—2)

1. In a machine, a turret, work clamps carried by said turret in circumferentially spaced relationship, a pair of work guides spaced one above the other and terminating adjacent one side of the turret for registration with said

clamps, means operable in timed relation to the turret for transferring work simultaneously from both guides into two of the clamps carried by the turret, a crosshead adjacent the other side of said turret, and a pair of plungers projecting



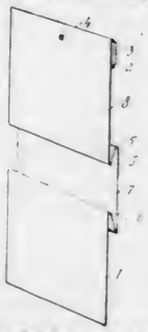
from the crosshead for registration with the clamps in the turret, and means for actuating said crosshead in timed relation to the turret to cause the plungers to unload work simultaneously from two of the clamps.

2,060,160
ART OF SAUSAGE MANUFACTURE
Hugh E. Allen, Evanston, Ill., assignor of one-half to Albert G. McCaleb, Evanston, Ill.
No Drawing. Application May 31, 1935, Serial No. 24,364
4 Claims. (Cl. 99—175)

2. The improvement in the art of making processed sausage which consists in introducing into the filler of a sausage casing a minor quantity of edible water-absorbent vegetable gum sufficient substantially to obstruct the egress of moisture from the casing during hot processing and to jell the free moisture residual in the casing when the sausage is cooled.

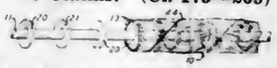
4. As an article of manufacture, a processed sausage, substantially devoid of casing wrinkles, which includes in its casing filler sufficient edible water-absorbent vegetable gum substantially to prevent the egress of moisture through the casing pores when the sausage is hot and to jell the free moisture of the casing contents when the sausage is cold.

2,060,161
DEVICE FOR FRIGHTENING ANIMALS
Hans Peter Altmann, Berlin-Charlottenburg, Germany
Application January 24, 1935, Serial No. 3,354
In Germany January 29, 1934 (D. R. G. M.)
2 Claims. (Cl. 116—67)



1. A device for frightening away animals comprising a strip of light metallic foil having one extremity folded back over the body of said strip, transverse foldings in said strip and a reinforcing strip inserted between the folded back extremity and the underlying portion of the body of said strip, said extremity, said reinforcing strip and said underlying portion being provided with aligned apertures.

2,060,162
ELECTRIC CABLE AND APPARATUS FOR MANUFACTURING IT
Helmer J. Boe, Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application June 30, 1932, Serial No. 620,120
10 Claims. (Cl. 173—265)

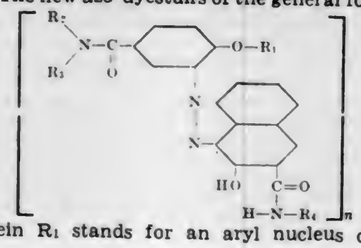


1. A coaxial conductor pair having air as the principal volume constituent of the dielectric between the conductors, comprising an inner conductor, a plurality of thin discs of elastically deformable insulating material and each having a radial slot therein and elastically gripping the inner conductor between the walls of such slot to resist longitudinal displacement on the conductor, the radial slots of successive washers extending out from the inner conductor in different directions and the discs being widely spaced along the inner conductor, and an enveloping outer conductor applied over the outer edges of the discs and thereby spaced coaxially from the inner conductor.

2. In an apparatus for making a flexible concentric conductor having a dielectric which is substantially air, means for continuously advancing an inner conductor, means for automatically pressing onto said inner conductor at predetermined intervals from different radial directions, slotted insulating discs having a central hole so that the discs grip the inner conductor firmly, the sides of the holes in the discs are perpendicular to the inner conductor and the slots in successive discs extend at different radial directions from the inner conductor, and means for assembling an outer conductor comprising a plurality of conducting elements parallel to each other around and in contact with the spaced insulating discs, comprising a rotatably mounted distributing plate having an aperture through which the inner conductor and the assembled discs is adapted to pass and a plurality of apertures through which the conducting elements forming the outer conductor are adapted to pass, and means for oscillating said distributing plate.

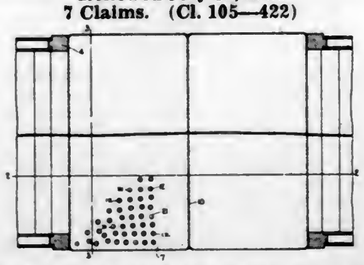
2,060,163
AZO DYESTUFFS
Gérald Bonhôte, Basel, Switzerland, assignor to Society of Chemical Industry in Basle, Basel, Switzerland
No Drawing. Application July 7, 1936, Serial No. 89,464. In Switzerland July 12, 1935
8 Claims. (Cl. 260—95)

1. The new azo-dyestuffs of the general formula



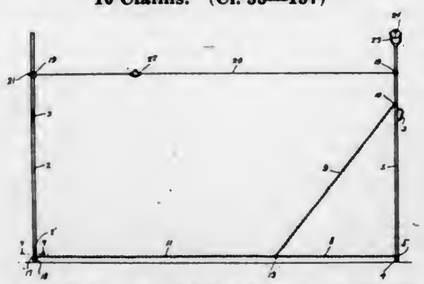
wherein R_1 stands for an aryl nucleus of the benzene series, R_2 stands for a member of the group consisting of alkyl and aralkyl radicals, R_3 stands for a member of the group consisting of alkyl, aralkyl and aryl radicals, R_4 stands for an aromatic radical selected from the group of the aromatic nuclei of the benzene, naphthalene and diphenyl series, and n stands for a whole number smaller than 3, which dyestuffs are dark red powders insoluble in water, but soluble in pyridine to orange to red-orange solutions, and in sulfuric acid to yellow solutions, and which dyestuffs, when produced on the fiber, dye the same vivid orange to red and blue-red tints of good fastness properties.

2,060,164
FLOOR PROTECTION FOR RAILWAY CARS
Charles David Bonsall, Pittsburgh, Pa.
Application April 3, 1936, Serial No. 72,531
Renewed July 31, 1936
7 Claims. (Cl. 105—422)



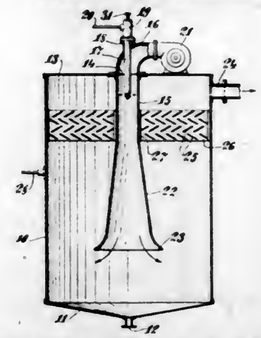
1. In a railway car having a door opening on each side of the car and a wooden flooring comprising a plurality of boards extending between said doorways, a metallic sheathing comprising a web portion resting upon said floor and formed with depending stiffening flanges at the side margins thereof which are imbedded in said boards, said web portion being provided with a plurality of apertures so that car lading may be secured to said flooring through said apertures.

2,060,165
LINESMAN'S INDICATOR FOR FOOTBALL GAMES
Stanley Evans Borleske, Fresno, Calif.
Application May 1, 1934, Serial No. 723,395
10 Claims. (Cl. 33—137)



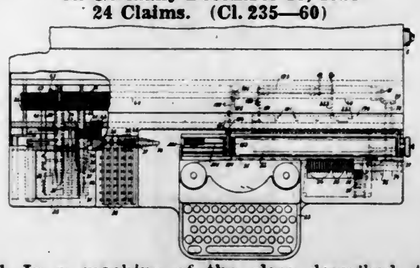
1. A device of the class described comprising a forward post and a rear post, a chain having one end swiveled to the lower part of the rear post, a pair of oppositely extending arms connected to the lower end of the forward post, a pair of chains connected to the outer ends of said arms, means for swiveling the chains to the other end of the first chain, a diagonally arranged chain having one end swiveled to an intermediate part of the forward post and its other end swiveled to the said other end of the first chain, and a sight tube supported on the forward post in a vertical plane at right angles to the first mentioned chain when all the chains are taut.

2,060,166
FLUID TREATING MECHANISM AND METHOD
William Spencer Bowen, Westfield, N. J.
Application November 12, 1934, Serial No. 752,625
7 Claims. (Cl. 261—118)



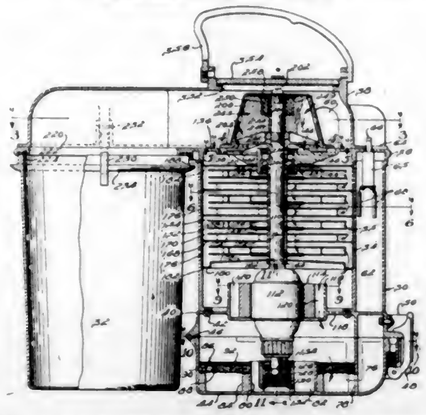
1. A fluid treating device comprising a housing having an outlet adjacent the bottom thereof, means to introduce a substance to be treated adjacent the top thereof, a tunnel within the housing and adjacent to and about the introducing means, means to discharge fluids from adjacent the top of the housing, means to introduce a treating fluid into the tunnel, and means to discharge the substance to be treated from the first introducing means in a whirling spray, the means to introduce the treating fluid being formed to impart a whirl thereto.

2,060,167
BOOKKEEPING AND INVOICING MACHINE
Ernst Breitling, Essen, Germany, assignor, by mesne assignments, to The National Cash Register Co., Dayton, Ohio, a corporation of Maryland
Application December 7, 1929, Serial No. 412,514
In Germany December 13, 1928
24 Claims. (Cl. 235—60)



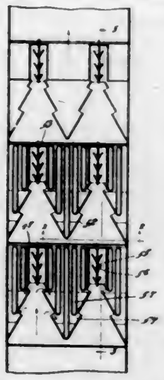
1. In a machine of the class described, the combination with a typewriter having a movable paper carriage and a printing mechanism, of a calculating machine having a printing mechanism, said two printing mechanisms being arranged to print upon a paper on said paper carriage at laterally displaced points, means controlled by said typewriter printing mechanism for imparting a single space movement to said carriage in one direction, and means controlled by said calculating machine for imparting a step-by-step movement to said carriage in the other direction.

2,060,168
VACUUM CLEANER
Clarence A. Brock, Detroit, Mich., assignor, by mesne assignments, to Rexair Corporation, Detroit, Mich., a corporation of Michigan
Application May 4, 1934, Serial No. 723,840
31 Claims. (Cl. 183—77)



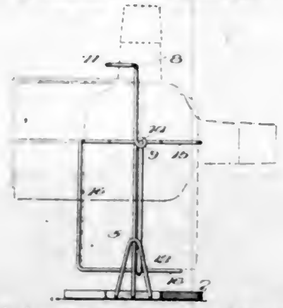
1. In combination, a rotatable separator element, a wall associated in spaced but adjacent relationship with respect to a peripheral surface thereof, means for causing air to be processed by said separator element to flow inwardly through said separator element in a direction toward the interior thereof, and means tending to cause a portion of the air processed by said separator element to flow outwardly therefrom through the space between said surface and wall to thereby seal said space against the flow of unprocessed air therethrough.

2,060,169
DUST SEPARATOR AND HEAT EXCHANGE APPARATUS
Hudson Harris Bubar, Brooklyn, N. Y.
Application September 26, 1930, Serial No. 484,609
5 Claims. (Cl. 183—32)



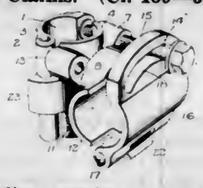
1. In combination, a gas flow chamber having a gas inlet and a gas outlet, spaced traps in said chamber, dust receiving apparatus with which said spaced traps communicate, deflector means associated with each trap for directing the flowing gases towards said traps, and fluid conveying means associated with said deflectors for passing fluid in heat exchanging relation to flowing gases.

2,060,170
WINE DISPENSING RACK
Herman G. Buck, Egg Harbor City, N. J., and Alfred W. Aspen, Philadelphia, Pa., assignors to L. N. Renault & Sons, Inc., Egg Harbor City, N. J.
Application December 30, 1935, Serial No. 56,810
2 Claims. (Cl. 248—141)



2. A rack for use in dispensing beverages from containers including a base with uprights, intermediate portions of which are formed to provide eyes, a connecting bar for the uprights, a container supporting cradle including pintles pivotally mounted in said eyes to permit tilting the container in one direction, a portion of the connecting bar for the uprights being offset for the reception of a part of the container to prevent movement of the latter in the opposite direction.

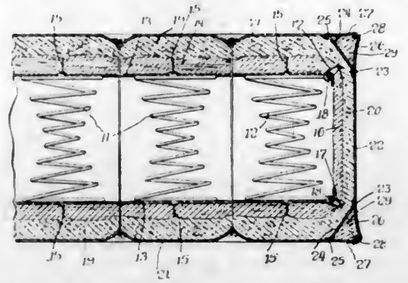
2,060,171
SCAFFOLDING COUPLING
John Burton, Edgbaston, Birmingham, England
Application June 4, 1935, Serial No. 24,885
In Great Britain June 14, 1934
4 Claims. (Cl. 189—36)



1. A scaffolding coupling comprising a pair of clamp parts, a cap hinged to each of said clamp parts, a separate clamping device associated with each cap whereby a scaffolding member may be gripped between said cap and the clamp part hinged thereto, and means pivotally connecting said clamp parts independently of said clamping devices and permitting relative angular movement of said clamp parts in parallel planes, one of said clamping devices directly engaging the clamp part hinged to the other of said caps so that the act of gripping a scaffolding member thereby also causes the coacting faces of said clamp parts to be forced tightly together.

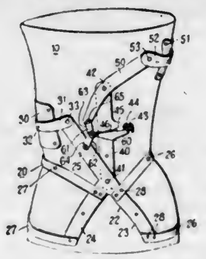
2,060,172
MATTRESS
Oliver M. Burton, Chicago, Ill., assignor to Burton-Dixie Corporation, Chicago, Ill., a corporation of Delaware
Application March 25, 1935, Serial No. 12,862
1 Claim. (Cl. 5—351)

In a mattress or the like, the combination of a spring-assembly incorporating a plurality of upright spiral-springs in substantially the same plane, a padding of sisal over the top and bottom and around the border of said spring-assembly, a padding of cotton over said top, bottom and border sisal, a fabric-envelope for said mattress comprising a tick-sheet covering the top of said padded spring-assembly, a tick-sheet covering the bottom of said padded spring-assembly, an external fabric covering the border of said padded spring-assembly, a pair of obliquely-disposed fabric strain-strips secured along their one edge to the inner face of said border-fabric inwardly remote from the longitudinal edges of the latter and secured along their opposite edges, the one to the inner face of said top tick-sheet and the other to the inner face of said bottom tick-sheet, both adjacent to but spaced inwardly from the corresponding edges of said two tick-sheets and at points substantially in register with the



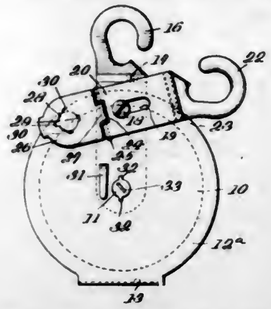
margin of said spring-assembly, said strain-strips being no greater in width than the distance, in a straight line, between the points where they are fastened to said top and bottom tick-sheets and to said border-fabric, whereby the tendency of said padded spring-assembly to expand conduces to the maintenance of said border-fabric in smooth and unwrinkled condition by reason of the strain imposed thereon by said top and bottom tick-sheets acting through said strain-strips, lengths of padding along the edges of the mattress in register with said strain-strips and enclosed by said strain-strips and the marginal portions of said border-fabric and of said top and bottom tick-sheets, the adjacent edges of said marginal portions being secured together to encase and confine said padding lengths within them.

2,060,173
SCOLIOSIS CORRECTIVE BRACE
Karl W. Buschenfeldt, Stoughton, Mass.
Application January 29, 1936, Serial No. 61,276
7 Claims. (Cl. 128—78)



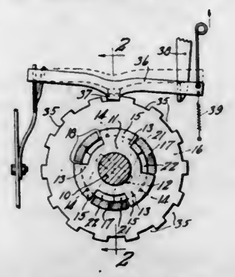
1. A scoliosis brace comprising a pelvic girdle, a toggle bar rotatably mounted at its lower end on the pelvic girdle and adapted to be approximated to the normal position of the spine and remain fixed with respect thereto, and means adjustably and rotatably secured to the upper end of said toggle bar and severally adapted to simultaneously exert an inward pressure on the apex of the curve and an upward lift and downward thrust on the concavity of the curve.

2,060,174
PULLEY BLOCK
Thomas R. Campbell, Okmulgee, Okla.
Application July 9, 1934, Serial No. 734,399
18 Claims. (Cl. 254—194)



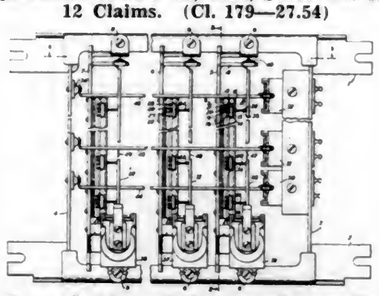
1. A pulley block comprising a sheave, an axle therefor, two strap members, one of said strap members being mounted on said axle, independent means for mounting the other strap member for movement in two directions relative to said first strap member to permit a quick change of rope, and means for positively locking said strap members together.

2,060,175
CLUTCH MECHANISM
Emile J. Carleton, Holyoke, Mass.
Application September 26, 1934, Serial No. 745,584
2 Claims. (Cl. 192—24)



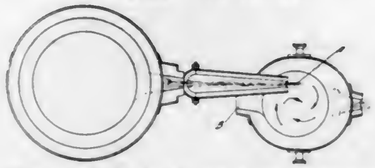
1. A clutch comprising two clutch members adapted to be respectively secured to driving and driven members, yielding means acting to press the driving clutch member into driving engagement with the driven clutch member, a bearing formed on the driven clutch member, an annular disc rotatably mounted on said bearing and having one face in engagement with the driving member of the clutch, a cam formed on the opposite face of the disc, and a cam surface carried by the driven clutch member positioned to be circumferentially offset from said cam when the clutch members are in engagement and engageable with said cam to move the driving member of the clutch out of engagement with the driven clutch member upon angular displacement between the disc and the driven clutch member.

2,060,176
SWITCH
Warren W. Carpenter, Garden City, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application October 22, 1935, Serial No. 46,075
12 Claims. (Cl. 179—27.54)



1. In a selective switch, a set of normally open contact springs, a combined contact selecting and operating unit individual to said contact set comprising an insulating block and a selecting and actuating finger one end of which is secured to said block, means acting upon said finger to flex the same without moving said block, and means acting upon said finger to move it and said block in unison to effect the closure of said contact springs.

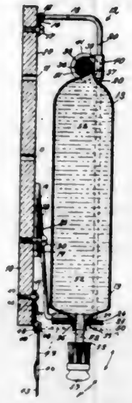
2,060,177
METHOD FOR REFINING METALS
Guilliam Henry Clamer, Atlantic City, N. J., assignor to Ajax Electric Company, Incorporated, Philadelphia, Pa., a corporation of Pennsylvania
Application November 26, 1935, Serial No. 51,565
11 Claims. (Cl. 75—93)



1. The method of refining a metal which comprises rotating it about a vertical axis in a container and using the force of a molten metal stream from another receptacle directed into the metal obliquely and substantially tangent to the surface boundary to effect such rotation.

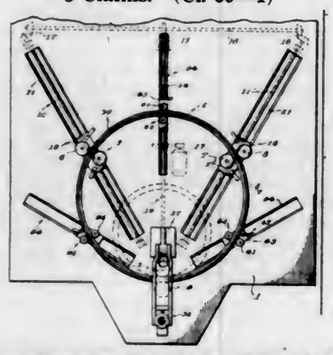
2,060,178
TUBE PRODUCTS DISPENSER
Erville S. Crumm, Hermosa Beach, Calif., assignor of one-fourth to Edwin F. Crumm, Whittier, Calif., and one-fourth to Joseph M. Crumm, St. Joseph, Mo.
Application November 16, 1935, Serial No. 50,176
2 Claims. (Cl. 221—60)

1. A tube products dispenser including a plate adapted to be secured to a support, integral spring wire guides secured to said plate so they are spaced apart and held in a suspended vertical position, stirrups integral with the lower ends of said guides, overlapping interlocking jaws pivotally connected to said stirrups that are adapted to be clamped on the discharge end of a collapsible tube to hold it inverted and in a vertical position, said guides adapted to apply tension to hold said jaws clamped on said tube, sleeve-like bearings slidably mounted on said guides, a hollow shaft mounted in said bearings that has a slot through its cylindrical wall through which the sealed end of the collapsible tube can be extended and then secured by a rotation of said



shaft, a knob for rotating said shaft to discharge the contents from the collapsible tube, a stopper, and a hinge connection between said stopper, and a hanger on the bottom end of said board.

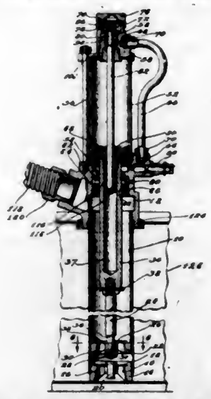
2,060,179
PACKING RING SIZING MACHINE
Wayne Davies, Evanston, Ill.
Application January 18, 1936, Serial No. 59,729
5 Claims. (Cl. 69—1)



1. A machine for the production and finishing of packing rings comprising a table, a ring supported on said table for receiving packing material, a series of pairs of pressure rollers for cooperating with said ring and mounted on said table for relative radial adjustment from a common center.

2,060,180
PNEUMATIC MOTOR FOR LUBRICANT PUMPS
Ernest W. Davis, Oak Park, Ill., assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application May 16, 1932, Serial No. 611,495
7 Claims. (Cl. 121—164)

1. In a lubricant pumping mechanism having a lubricant cylinder and a piston reciprocable therein; an air motor comprising, an air piston operatively associated with said lubricant piston, a cylinder for said air piston, means for continuously supplying air under pressure to one end of said cylinder, a quick snap-over poppet valve mechanism operable by said piston alternately

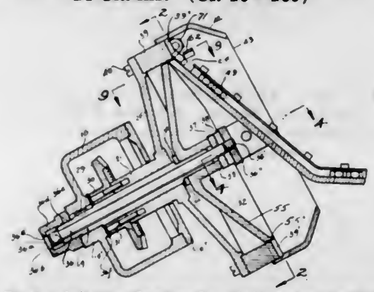


to connect the other end of said air cylinder to the atmosphere and to said source of air under pressure.

2,060,181
ALKALI-METAL SALTS OF ANTIMONIO-THIOMALIC ACID
Marcel Delépine, Paris, and Paul Gailliot, Parc St. Maur, France, assignors to Societe des Usines Chimiques Rhone-Poulenc, Paris, France
No Drawing. Application May 2, 1935, Serial No. 19,470. In Great Britain May 9, 1934
3 Claims. (Cl. 260—11)

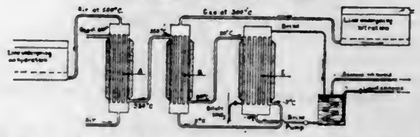
1. As new compositions of matter the alkali metal salts of antimoniothiomalic acid.

2,060,182
PICK-UP AND FEEDING DEVICE
Frank H. Dellaree, Detroit, Mich.
Application May 1, 1936, Serial No. 77,403
14 Claims. (Cl. 10—169)



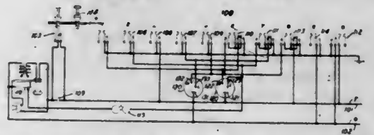
1. In a pick-up device for delivering articles in a selected position, a rotary collecting ring having slots in its face and opening into its inner circumference, said ring being positioned with its face upward in a sloping plane, a delivery track having its receiving end positioned at or slightly below the bottom of one of the uppermost slots and substantially in contact with the ring, whereby to receive articles directly from the bottom of said slot, a normally fixed plate-like member within said ring and around which said ring is adapted to rotate, said member obstructing the inner ends of said slots with the exception of a few, including the aforesaid slot, near the receiving end of said track, a receptacle at the face of said ring, the upper end of said track having its side wall relieved on the more remote side in the direction of rotation a distance at least equal to the length of the article being handled, to permit articles dropping from said ring to overflow when said track is filled.

2,060,183
PROCESS FOR DESICCATION OF GASES CONTAINED IN NITROUS FUMES
Gaston Lefort des Ylouses, Boulogne-sur-Seine, France, assignor to L'Azote Francais, a corporation of France
Application August 6, 1931, Serial No. 555,638
In France November 28, 1930
7 Claims. (Cl. 23—161)



1. A method of drying high temperature, nitrous oxides and moisture containing gases evolved from ammonia oxidation for absorption by quicklime, comprising first cooling the gases to a temperature slightly above the freezing point of the moisture to effect condensation of a portion of the moisture in the liquid phase and the formation of dilute nitric acid, then cooling the gases to temperatures ranging from slightly below the freezing point of the moisture to slightly above the freezing point of the dilute nitric acid formed therein, to effect the final removal of moisture from the gases as a liquid condensate, and transferring heat, removed from the high temperature gases during cooling, by heat exchange, to the dried cold gases to facilitate their absorption by the quicklime.

2,060,184
TELEPHONE SYSTEM
Thomas L. Dimond, Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application November 21, 1935, Serial No. 50,840
20 Claims. (Cl. 179—90)

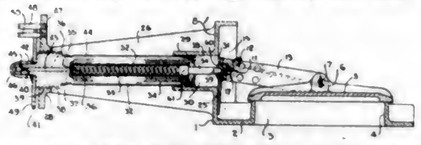


1. In a signaling system, a transmitting station, a receiving station, a control circuit extending between said stations, a key-set and a gaseous discharge device at said transmitting station, a plurality of relays at said receiving station respectively associable with said control circuit through sources of different potential, and means including the keys of said key-set and said device for selectively operating said relays.

2,060,185
FLOW CONTROL MEANS
Lewis W. Eggleston, Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich., a corporation of Michigan
Application June 16, 1933, Serial No. 676,061
18 Claims. (Cl. 236—99)

1. A device of the character described, comprising a control means, a supporting member having a guideway, a sealed tubular casing re-

ciprocably fitting in said guideway and having a movable end wall, an expansible fluid in said casing, a plunger projecting from one end of said casing for transmitting movement from said wall to said control means, said plunger including a spring and a thrust member resiliently supported by said spring, said spring having one end en-



gaging said wall and having its other end engaging said thrust member, said thrust member cooperating with said control means, said spring permitting expansion of said fluid when said thrust member has reached its limit of movement, and rotary means at the other end of said casing for moving said casing relative to said control means.

2,060,186

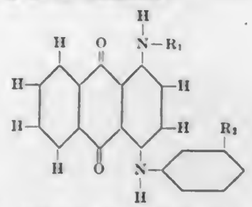
DYEING OF ACETATE ARTIFICIAL SILK

Friedrich Felix, Basel, Max Bommer, Riehen, near Basel, and Wilhelm Huber, Basel, Switzerland, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland

No Drawing. Original application October 11, 1933, Serial No. 693,219. Divided and this application June 18, 1934, Serial No. 731,216. In Switzerland October 15, 1932

2 Claims. (Cl. 8—5)

1. A dyeing composition consisting of a mixture of at least two acetate artificial silk dyestuffs, of which at least one has a poor affinity for acetate artificial silk, selected from the group of the products of the general formula



in which R_1 stands for a member of the group consisting of hydrogen and methyl, and R_2 stands for a member of the group consisting of hydrogen, methyl, hydroxyl and amino.

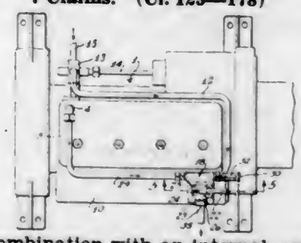
2,060,187

MARINE ENGINE TEMPERATURE CONTROL

Frank O. Fernstrum, Detroit, Mich., assignor to Gray Marine Motor Co., Detroit, Mich., a corporation of Michigan

Application December 8, 1933, Serial No. 701,561

7 Claims. (Cl. 123—178)



1. In combination with an internal combustion engine having a water circulating system and an exhaust manifold, of a casing covering said manifold, means for pumping water into said casing, means connecting said casing with the inlet end of said water circulating system, a manually operable valve, means connecting an outlet in said casing and the outlet of said water circulating system with said valve, said valve being operable to divert a regulated amount of water from said casing through said circulating system, and means for limiting movement of said valve whereby to maintain at least a minimum flow through said circulating system at all times.

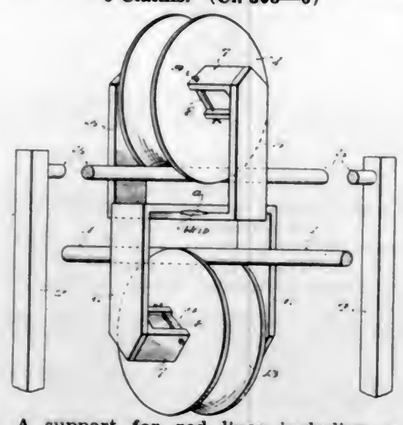
2,060,188

ROD LINE SUPPORT

James Lewis Foster, Wichita Falls, Tex.

Application May 5, 1934, Serial No. 724,195

6 Claims. (Cl. 308—6)



1. A support for rod lines including a rod mounted at right angles to said rod line and above the same a sheave suspended from said latter rod, a second sheave suspended from said first sheave and whose axis is at right angles to said first sheave and rotatably supporting said rod line and arranged to yield to the reciprocatory and oscillatory movements of said rod line.

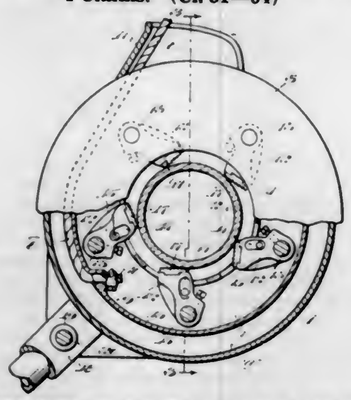
2,060,189

PIPE AND CASING SPINNING APPARATUS

Walter W. Foster, Wichita Falls, Tex.

Application April 11, 1935, Serial No. 15,920

4 Claims. (Cl. 81—54)



1. Apparatus for spinning pipe and casing including a housing constructed to encompass the work and a drum having inner and outer annular grooves, the outer of said grooves containing a coiled line, a casing shield and guide, slotted work gripping elements in annularly spaced relationship pivoted in the inner groove of said drum and arranged to advance upon said work when a pull is exerted on one end of said line, pins carried by said guide, entering the slots of said work gripping elements to actuate the same on their pivots to operative position, and means also within said housing to return said line and said elements to normal position when said line is spent or partially spent.

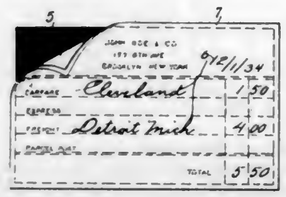
2,060,190

ARTICLE AND PROCESS FOR MULTIPLYING RECORDS

William D. Foster, Stewart Manor, N. Y., assignor to Manifold Supplies Company, Brooklyn, N. Y., a corporation of New York

Application January 10, 1935, Serial No. 1,153

6 Claims. (Cl. 41—31.5)



1. The herein described process of multiplying copies involving the use of a master sheet having form matter and fill-in matter presented in reverse on the back side of said sheet, consisting in preparing a printing plate having the form matter in positive presentation thereon, printing from said plate the form matter with a hectographic ink in reverse presentation upon the back side of said sheet, placing the sheet reverse side down upon a surface coated with a hectographic medium, making the original of the fill-in matter on the front side of the said sheet to cause a reverse duplicate to be formed from said coated surface on the back side of said sheet, placing a moistened copy sheet on said back side of said master sheet, and transferring by pressure both the form and fill-in matter from the back side of said master sheet to said copy sheet.

2,060,191

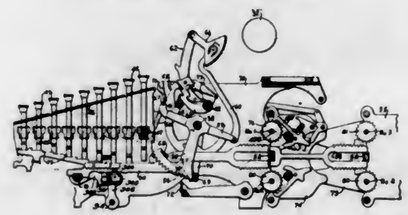
ACCOUNTING MACHINE

Kurt Gelpke, Berlin, Germany, assignor to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland

Application June 5, 1934, Serial No. 729,132

In Germany June 10, 1933

12 Claims. (Cl. 235—60)



1. In a machine of the class described adapted to automatically operate thru three cycles in overdraft operations, the combination of mechanism for causing three continuous cycles of operation; a balance totalizer adapted to be cleared during the third cycle of an overdraft operation; an overdraft device to control operation of said mechanism and said machine in overdraft operations; an adding totalizer; and means effective only during the third cycle of an overdraft operation to condition the adding totalizer for addition.

2,060,192

CORROSION INHIBITOR

Walter Villa Gilbert, London, England

No Drawing. Application July 16, 1934, Serial No. 735,516. In Great Britain July 20, 1933

3 Claims. (Cl. 23—239)

1. A corrosion inhibiting composition comprising the precipitated product obtained when a solution of zinc chromate in chromic acid is neutralized by the addition thereto of caustic potash.

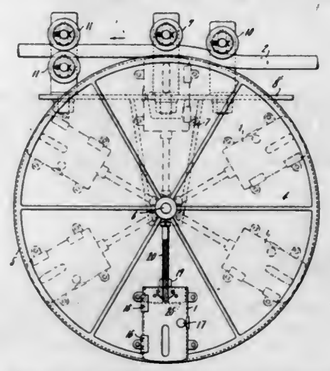
2,060,193

LABEL APPLYING MACHINE

Henry R. Gilson, Groton, Mass., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y., a corporation of New Jersey

Application July 21, 1933, Serial No. 681,417

5 Claims. (Cl. 216—34)



1. A label applying machine comprising a wheel mounted to rotate in a vertical plane having a periphery conforming to the shape of a relatively long article or articles to be labeled, a label magazine mounted on said wheel and having an open end disposed at the periphery of said wheel, and means for holding such article with its longitudinal dimension in the plane of rotation of said wheel and in rolling contact with the periphery of said wheel, and means for moving such article longitudinally for engaging and withdrawing a label from the open end of such magazine.

2,060,194

NIPPLE AND BOTTLE HOLDER

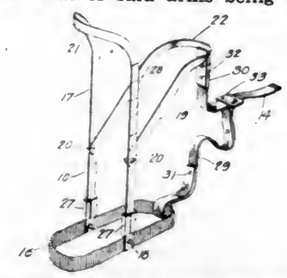
Frederick Gissubel, New York, N. Y.

Refiled for abandoned application Serial No. 618,561, June 21, 1932. This application November 25, 1935, Serial No. 51,524

2 Claims. (Cl. 248—102)

1. A nipple and bottle holder comprising an expansible ring adapted to embrace a baby bottle, a substantially U-shaped arm secured to said expansible ring and a shorter second U-

shaped arm pivoted on said first U-shaped arm, the curved ends of said arms being bent away

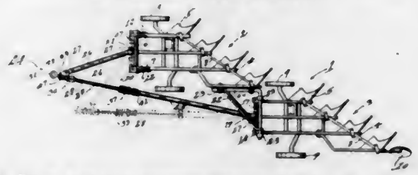


from each other to form half rings adapted to embrace a bottle neck and nipple.

2,060,195
PRODUCTION OF ACID ANHYDRIDES
Stefan Goldschmidt and Rudolf R. Wolff, Karlsruhe, Germany, assignors to The Kessler Chemical Corporation, Orange, N. J., a corporation of Maryland
No Drawing. Application July 27, 1932, Serial No. 625,193. In Germany August 8, 1931
13 Claims. (Cl. 260—123)

1. A process for the production of organic acid anhydrides, which comprises reacting a halogen-free carboxylic acid and a non-halogenated carboxylic acid chloride in the presence of a small amount of a salt of a metal as a catalytic agent.

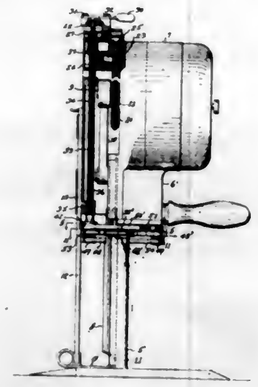
2,060,196
GRAVITY COMPENSATING HITCH
Wade H. Goodman, Walla Walla, Wash., assignor to Amery & Sons, Inc., Walla Walla, Wash.
Application May 9, 1934, Serial No. 724,730
3 Claims. (Cl. 97—77)



1. In a gravity compensating hitch, the combination with a plurality of units, extended in operative alignment, and forming an implement, of a compound coupling connecting adjacent units for propulsion, and consisting of an L-shaped structure, having one of its arms rotatively mounted on the forward unit parallel with the normal line of draft of said implement, and having the other of its arms rotatively mounted on the adjacent unit perpendicular to the normal line of draft, and disposed thereon to support the rear end of the forward unit from the rear unit, a draft pole pivotally attached at one end to the rear unit for propulsion and provided at its forward end with a length adjusting means guidedly attached to the forward unit, and means to remotely adjust the length of said pole to provide a selective line of draft.

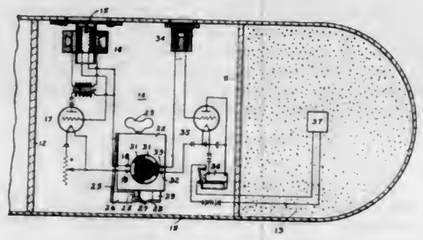
2,060,197
CLOTH CUTTING MACHINE
Martin Greenbaum, Newark, N. J.
Application April 21, 1936, Serial No. 75,522
19 Claims. (Cl. 164—75)

19. In a cloth cutting machine having a driving motor, a reciprocable knife driven from said motor, and means for sharpening said knife, said means comprising vertically staggered belts arranged to be driven from said motor for engaging opposite sides of the cutting edge portion of said knife, means for vertically reciprocating said belts to effect the sharpening of the knife all along its cutting edge, and yieldable shoe



members for pressing said belts with desired pressure against the sides of the knife cutting edge portion, the shoe member engaging the lower of said belts having stop means for engaging the side of the knife when the belt pressed thereby moves below the lower end of the knife, thereby keeping the belt out of the path of movement of the knife.

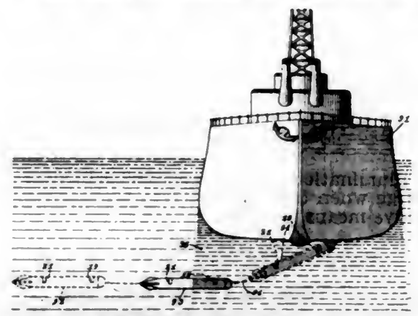
2,060,198
ECHO TORPEDO DETONATOR
John Hays Hammond, Jr., Gloucester, Mass.
Application November 28, 1932, Serial No. 644,613
22 Claims. (Cl. 114—21)



1. In a self propelled body carrying an explosive charge, means for producing compressional waves, means for receiving said compressional waves after reflection from an object, and means operable in response to said received waves for causing the explosion of said charge.

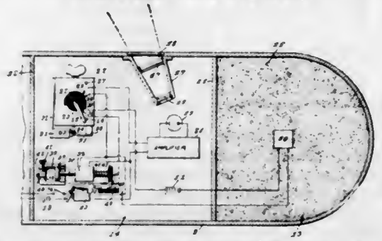
2,060,199
PHOTOELECTRIC DETONATOR CONTROLLED BY INTENSITY CHANGE
John Hays Hammond, Jr., Gloucester, Mass.
Application January 5, 1934, Serial No. 705,354
13 Claims. (Cl. 114—21)

1. In combination with a moving body, an explosive charge carried thereby, two light receptive means mounted on said body for receiving light from an external source, and means operated when the light received by these two means



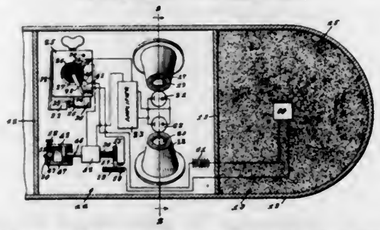
is of different intensity for causing the detonation of the explosive charge.

2,060,200
PHOTOELECTRIC DETONATOR OPERATED BY REFLECTION
John Hays Hammond, Jr., Gloucester, Mass.
Application January 5, 1934, Serial No. 705,355
15 Claims. (Cl. 114—21)



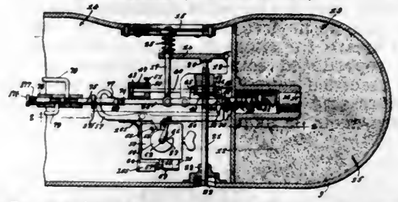
11. In combination with a torpedo, an explosive charge carried thereby, a source of light on said torpedo, means carried by said torpedo for receiving light from said source after passage through the surrounding water and means operated by variation of the light thus received caused by the presence of an external object for causing detonation of said explosive charge.

2,060,201
PHOTOELECTRIC DETONATOR USING TWO PHOTOELECTRIC CELLS
John Hays Hammond, Jr., Gloucester, Mass.
Application January 5, 1934, Serial No. 705,357
13 Claims. (Cl. 114—21)



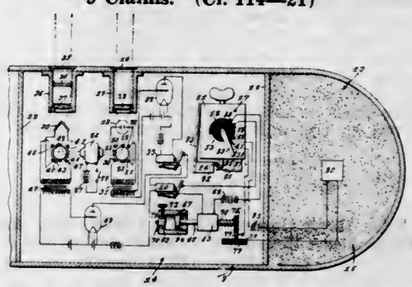
1. In combination with a moving body, an explosive charge carried thereby, means carried by said body for receiving light from a plurality of directions external to said body and means operated by the change of the total intensity of said light for causing the detonation of said explosive charge.

2,060,202
TORPEDO
John Hays Hammond, Jr., Gloucester, Mass.
Application January 5, 1934, Serial No. 705,358
10 Claims. (Cl. 114—21)



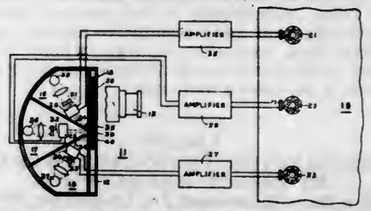
1. In combination, a torpedo, depth control mechanism therefor, a pressure responsive device adapted to respond to hydrostatic pressure on the top, forward surface of the torpedo and means controlled by said pressure responsive device for setting said depth control mechanism into pull-up position in response to changes in pressure caused by passage of the torpedo beneath the hull of a ship whereby said tropedo is caused to strike the bottom of the ship.

2,060,203
CALORIFIC RADIATION DETONATOR
John Hays Hammond, Jr., Gloucester, Mass.
Application January 5, 1934, Serial No. 705,359
9 Claims. (Cl. 114—21)



1. In a moving body, an explosive charge, means for detonating said charge, a heat sensitive device for operating said detonating means and a light sensitive device for controlling the operation of said heat sensitive device so that when the light sensitive device is illuminated it will prevent the operation of the heat sensitive device.

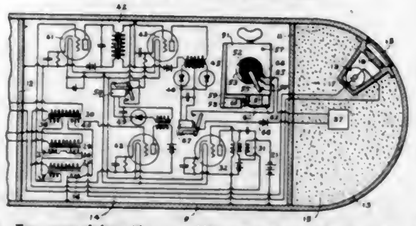
2,060,204
TALKING PICTURE WITH DIRECTIONAL EFFECT
John Hays Hammond, Jr., Gloucester, Mass.
Application September 29, 1934, Serial No. 746,098
3 Claims. (Cl. 179—100.3)



1. In a sound recording and reproducing system, a plurality of spaced sound pick-up devices for picking up sound at a plurality of positions having definite spatial relationships to each

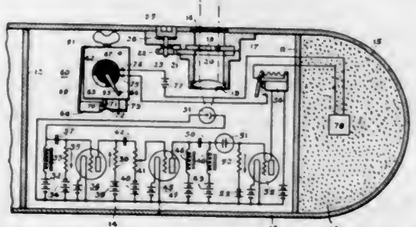
other, a corresponding plurality of recording devices associated therewith, a plurality of sound tracks for receiving the sound records, a plurality of sound reproducing devices for reproducing the recorded sound from said tracks, said reproducing devices having the same spatial relationship as the pick-up devices used in recording said sound, and means for expanding the dynamic range of the reproduced sound with respect to that of the recorded sound so as to compensate for the compressing effect of the record whereby a true stereo-acoustic effect is produced.

2,060,205
TORPEDO
John Hays Hammond, Jr., Gloucester, Mass.
Application February 6, 1935, Serial No. 5,220
17 Claims. (Cl. 114—21)



1. In combination with a movable body, an explosive charge carried thereby, three or more light receptive means spaced along said body for receiving light from an external source, and detonator means operable by said light receptive means for detonating said explosive charge when the intensity of light received by an intermediate light sensitive means is less than that received by the outer light sensitive means.

2,060,206
TORPEDO
John Hays Hammond, Jr., Gloucester, Mass.
Application February 6, 1935, Serial No. 5,221
15 Claims. (Cl. 114—21)



1. In combination with a moving body, an explosive charge carried thereby, light-responsive means mounted on said body for receiving light from an external source, and a detonator operated by said light responsive means for detonating said explosive charge when the intensity of illumination is diminished more rapidly than a predetermined rate.

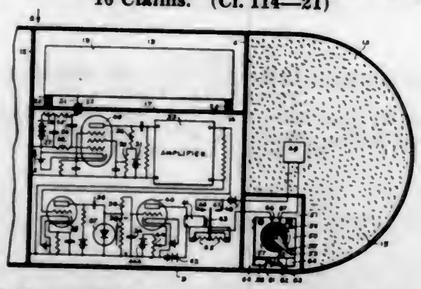
2,060,207
PHOTOELECTRIC DETONATOR OPERATED BY DIRECT ILLUMINATION
John Hays Hammond, Jr., Gloucester, Mass.
Application April 25, 1935, Serial No. 18,141
18 Claims. (Cl. 114—21)

1. In combination with a submarine body, an explosive charge carried thereby, a source of illumination on said body, light receptive means for receiving the light directly from said source



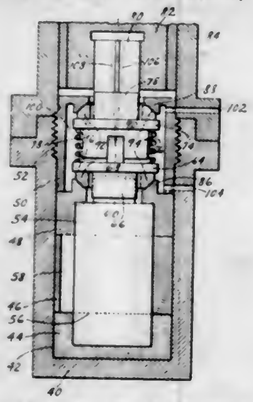
of illumination and means for exploding said charge when the light received by said light receptive means is varied.

2,060,208
COSMIC RAY DETONATOR
John Hays Hammond, Jr., Gloucester, Mass.
Application August 31, 1935, Serial No. 38,804
16 Claims. (Cl. 114—21)



3. In combination with a moving body, an explosive charge carried thereby, means carried by said body for receiving cosmic rays and means operated by the variation of the intensity of said rays for causing detonation of said explosive charge.

2,060,209
FUEL PUMP FOR AIRCRAFT ENGINES
Frederick W. Heckert, Oakwood, Ohio
Application March 7, 1935, Serial No. 9,800
4 Claims. (Cl. 286—7)



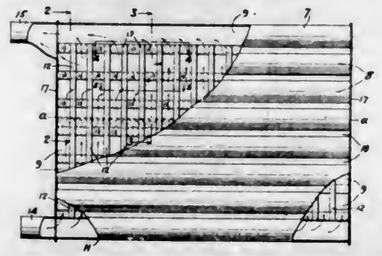
1. In combination, a drive shaft extending loosely thru one end of a non-rotatable casing, a rotatable pumping element extending loosely through the other end of said non-rotatable casing, means holding said casing ends substantially in axial alignment, said casing ends having spherical surfaces facing each other, washers having spherical faces fitted to the spherical surfaces of the casing ends and flat faces facing each other, two flanges, one against each of said flat faces, one flange being secured to the drive shaft, means resiliently holding said flanges against said flat faces, a tongue and slot connection joining said flanges for guiding the one in a straight line in a transverse movement with respect to the other, and a second tongue and slot connection rotatably displaced ninety degrees from the first, joining the other flange to the rotatable pumping element for guiding the said other flange in a straight line in a transverse movement with respect to the said rotatable pumping element.

2,060,210
PREPARATION OF DISPERSIONS
Winfield Walter Heckert, Ardentown, Del., assignor to Du Pont Rayon Company, New York, N. Y., a corporation of Delaware
No Drawing. Application September 15, 1934, Serial No. 744,256
12 Claims. (Cl. 252—6)

1. The process of producing slurries of materials having a substantially uniform particle size which comprises grinding said materials, diluting the grind, and classifying whereby to remove the fine particles from the coarse particles, characterized in that the ground materials prior to classification are diluted with the fine particle slurry removed during a previous operation.

6. The process of producing slurries of materials in water containing a dispersing agent having a molecular weight above four hundred and having a plurality of hydrophylic groups substantially symmetrically arranged within the molecule, having a substantially uniform particle size, which comprises grinding said materials, diluting the grind, and classifying whereby to remove the fine particles from the coarse particles, characterized in that the ground materials prior to classification are diluted with the fine particle slurry removed during a previous operation, said process being further characterized in that a preservative for said dispersing agent is added.

2,060,211
HEAT EXCHANGER OR COOLER
Arthur R. Hemphill, Egg Harbor City, N. J.
Application August 23, 1935, Serial No. 37,441
2 Claims. (Cl. 257—248)



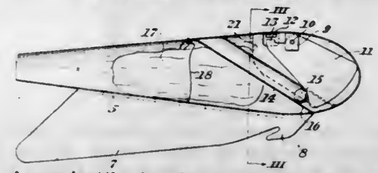
1. A heat exchanger or cooler comprising a vertical series of superposed horizontal passages closed at each end and of which the lower one receives liquid refrigerant and of which the upper ones discharge comparatively dry gas to the compressor, a row of spaced ports commensurate with the length of the passages and extending from each passage to the next passage in the series, except that between the upper passages there is provided a partition extending part way of the length of the passages to ensure the travel of gas through them in series and then to the compressor.

2,060,212
BABY BOTTLE CAP AND NIPPLE
Abe Herstein, Chicago, Ill., assignor to himself and William Fusske, joint trustees, Chicago, Ill.
Application June 29, 1935, Serial No. 29,047
9 Claims. (Cl. 128—252)



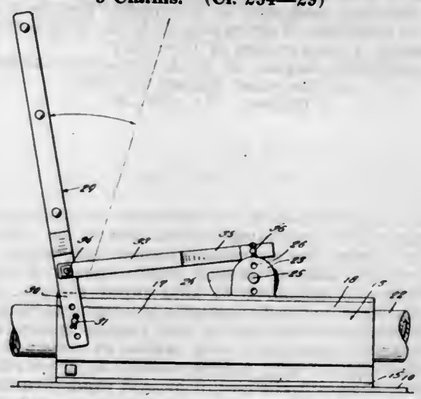
9. In combination, a bottle cap having an opening and a continuous flange around the opening, said cap having a narrow slot extending from said opening to the periphery of the cap and down into the body portion of the cap below the level of the flange, and a nipple of resilient material having a bottom flange which is compressible laterally so as to be insertable into the cap through said slot and beneath said cap flange, said bottom flange, because of its resiliency, being adapted to expand in the cap and be clamped between said cap flange and the top of a bottle by securing the cap on the top of the bottle.

2,060,213
PROJECTILE
Ralph W. Hippen and Louis T. Barnes, Oklahoma City, Okla.; said Barnes assignor to said Hippen
Application July 9, 1934, Serial No. 734,258
6 Claims. (Cl. 46—76)



1. A projectile in the shape of an openable winged airship having a parachute thereon adapted to check the fall thereof and having gravity actuated means controlling opening thereof, and means for closing the projectile during falling.

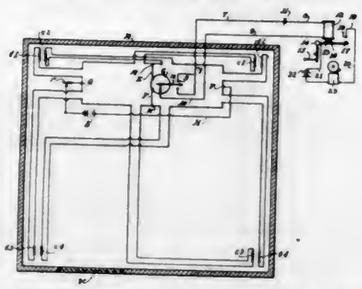
2,060,214
PIPE HANDLING APPARATUS
Sherman B. Hitchens, Missouri Valley, Iowa
Application December 17, 1935, Serial No. 54,922
3 Claims. (Cl. 254—29)



1. As a component part of a pipe handling ap-

paratus of the class described, a base plate adapted to be anchored in a ditch or trench, a casing mounted on said base plate, said casing comprising a pair of spaced parallel companion sections, the lower ends of said sections being provided with flanges attached to said base plate, the portions of the sections adjacent said flanges being disposed in relatively close spaced parallel order and forming a key-way, the portions of said sections above said key-way being of general channel-shaped cross-sectional form and defining track-ways, the extreme upper edges of said sections being disposed in parallelism and forming a slide-way for cooperating portions of a relatively slidable pipe carriage.

2,060,215
ELECTRIC TEMPERATURE AND BURGLAR ALARM SYSTEM
Richard M. Hopkins, Rutherford, N. J., and Herbert M. Laford, New York, N. Y., assignors to American District Telegraph Company, New York, N. Y., a corporation of New Jersey
Application May 5, 1931, Serial No. 535,191
6 Claims. (Cl. 177—314)



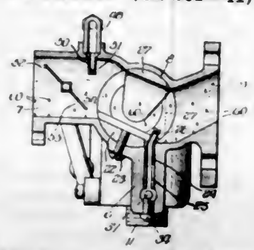
1. In combination, a normally balanced Wheatstone bridge of which each of two adjacent legs comprises an element having a negative temperature coefficient and an element having a positive temperature coefficient; a positive element of one leg being closely adjacently associated with a negative element of the adjacent leg and remote from the other elements.

2,060,216
TUNING ARRANGEMENT FOR RADIO RECEIVING SETS
Walter Huber and Hans Otto Roosenstein, Berlin, Germany, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application August 16, 1934, Serial No. 740,096
In Germany August 26, 1933
4 Claims. (Cl. 250—40)



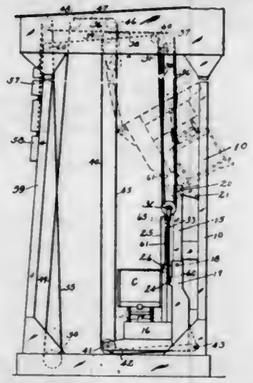
1. In combination, a radio receiver having an input circuit including tuning means for tuning said circuit to a predetermined frequency, a source of radio frequency signal energy, means coupling said source to said input circuit and including a normally balanced Wheatstone bridge, and means connected to said tuning means arranged to unbalance said bridge in response to adjustment of said tuning means to effect resonance of said input circuit at said predetermined frequency.

2,060,217
CARBURETOR
Harry L. Johnson, Waukegan, Ill., assignor to Johnson Brothers Engineering Corporation, Waukegan, Ill., a corporation of Indiana
Application June 11, 1934, Serial No. 729,950
5 Claims. (Cl. 261—41)



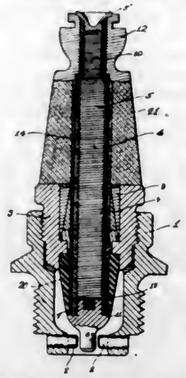
1. A carburetor comprising a transverse air and fuel passage which first extends downwardly and then inclines upwardly through the carburetor body, a fuel feeding nozzle in the lowest part of the passage, a throttle valve for controlling the flow of air through the passage, a high speed fuel nozzle extending downwardly from the top of the passage at the rear side of the throttle, a common fuel chamber for the nozzles, and a delay pipe extending upwardly from the fuel chamber to the upper nozzle and having a predetermined capacity whereby the upper fuel nozzle delivers fuel to the passage only when the throttle is open a predetermined amount.

2,060,218
CAR DUMPER
Robert W. Kaltenbach, Cleveland Heights, Ohio
Application March 25, 1933, Serial No. 662,652
3 Claims. (Cl. 214—123)



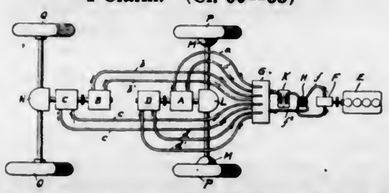
1. In a car dumper, the combination with a frame of a car supporting cradle movable vertically therein, and adapted to be tilted at the upper limit of vertical movement, said cradle having a pair of sheaves adjacent each end thereof, all of the sheaves being disposed in planes extending transversely of the cradle, additional sheaves carried by the frame and also lying in planes that extend transversely of the cradle, two hoisting cables, each having one end anchored to the frame and each passing around sheaves on the cradle and frame, so as to suspend the cradle in two loops at each end thereof, a drum for each cable, each cable being looped around one of the drums, and thence over a sheave on the frame, a counterweight attached to the free end of each cable, each cable being unidirectionally looped around the sheaves and drum whereby the cable is free from reverse bends.

2,060,219
SPARK PLUG AND METHOD OF MAKING THE SAME
Armen A. Kasarjian, Jackson Heights, N. Y., assignor to Mosler Ignition Corporation, New York, N. Y., a corporation of New York
Application December 30, 1932, Serial No. 649,456
5 Claims. (Cl. 123—169)



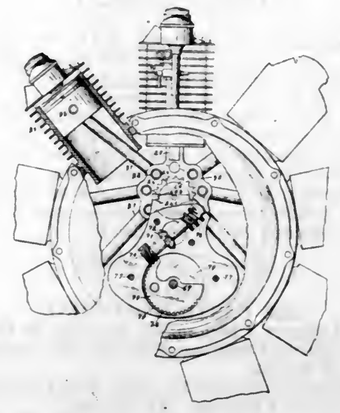
1. The method of making a spark plug electrode, which consists in forming a spindle head with a cupped shoulder, then attaching to said head a threaded spindle with the axis of the spindle coaxial with the cupped shoulder of the head, then electrolytically depositing copper in the threads of the spindle and in the cupped shoulder of the head, and thereafter surfacing the copper in the cupped shoulder of the head to form a seat substantially flush with the outer periphery of said cupped shoulder.

2,060,220
AUTOMOBILE TRANSMISSION
Frank W. Kennedy, Trenton, N. J., assignor to De Laval Steam Turbine Company, Trenton, N. J., a corporation of New Jersey
Application June 13, 1933, Serial No. 675,533
1 Claim. (Cl. 60—53)



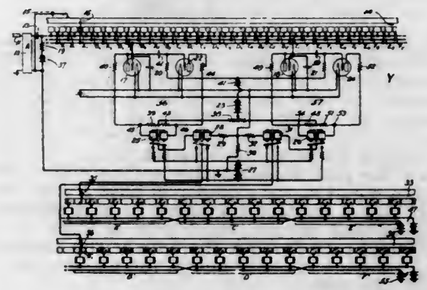
In an automobile, the combination with the four wheels and the power generator, of a positive displacement pump operable by the generator, four positive displacement motors arranged to drive the wheels, pipe connections from the pump discharge to the motors and back to the pump suction, and a speed-controlling valve interposed in said pipe connections and adapted to be moved into three different positions to direct the flow of fluid respectively through the four motors in series, through two pairs of motors in parallel and at the same time through the two motors of each pair in series, and through all four motors in parallel.

2,060,221
INTERNAL COMBUSTION ENGINE
Frank A. King, Los Angeles, Calif.
Application July 14, 1932, Serial No. 622,487
13 Claims. (Cl. 74—600)



1. In a variable crank throw explosion engine, a crank, a crank pin associated with said crank, an eccentric sleeve mounted for adjustment on the crank pin circumferentially thereof, an adjustable counterweight carried by said crank, and means carried by the crank including a worm for collectively adjusting said sleeve and counterweight relative to each other.

2,060,222
INTERPOLATING SYSTEM
William A. Knoop, Hempstead, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 1, 1930, Serial No. 432,288
10 Claims. (Cl. 178—88)

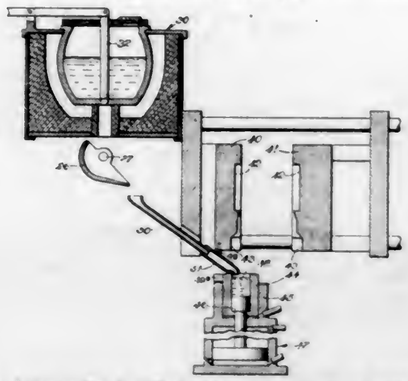


1. A synchronous interpolating signaling system comprising a transmission line, a plurality of electro-magnetic means successively connected in continuous rotation to said line to be capable of being affected by the received impulses and to be capable of being simultaneously affected by the preceding electro-magnetic means and in the opposite sense to the impulse operating the preceding means, the impulses simultaneously affecting each means being effective through one winding, characterized in this, that each of said means always remains in a stationary position in response to impulses received from its preceding means during intervals wherein no signals are being received from said line.

2,060,223
PROCESS OF GROWING MUSHROOMS
Edmund B. Lambert and Harry Humfeld, Clarendon, Va.
No Drawing. Application June 30, 1936, Serial No. 88,117
9 Claims. (Cl. 47—58)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

9. In the process of growing mushrooms, the steps which comprise placing organic matter in a zone in which the air temperature is maintained up to about 135° F. and the manure temperature maintained up to about 145° F., thence releasing insecticidal and fungicidal gas to a lethal concentration within said zone, and thence transporting said organic matter to a separate zone in which the air temperature may be maintained between 40° F. and 80° F.

2,060,224
DIE CASTING MACHINE
Frank Lannert, Chicago, Ill., assignor to Paragon Die Casting Company, Chicago, Ill., a corporation of Illinois
Application November 23, 1931, Serial No. 576,623
4 Claims. (Cl. 22—68)



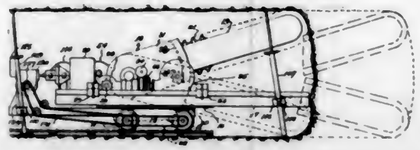
4. Apparatus for the pressure casting of metals comprising a separable mold parted in a substantially vertical plane and gated from below, a pressure cylinder positioned below the mold and adapted to receive molten metal for introduction into the mold and connected with said gate in casting position, the location of the cylinder below the gate enabling the leading end of the molten metal in the cylinder to have a free surface, and a plunger operating in said pressure cylinder and entering said gate to force all of the metal into the die, the axis of the pressure cylinder lying substantially in the plane of parting of the mold.

2,060,225
ATTACHMENT FOR SADIRON HANDLES
Meyer Laskin, Baltimore, Md.
Application May 13, 1936, Serial No. 79,568
7 Claims. (Cl. 38—90)



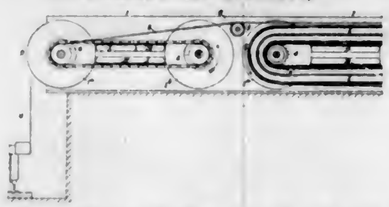
3. In combination with a pair of spaced supporting arms, and a wooden handle having recessed ends to receive the ends of the supporting arms, fastening elements extending through the supporting arms and into the ends of the wooden handle; metal inserts removably mounted on the fastening elements for disposition in the respective recesses, and pairs of flanges extending laterally in opposite directions from each side of each insert, one of said pairs of flanges engaging the side edges of the supporting arm, the other of said pairs of flanges being embedded in the adjacent end of the wooden handle.

2,060,226
MINING MACHINE
Frank A. Lindgren, Western Springs, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application March 13, 1931, Serial No. 522,236
Renewed January 10, 1935
21 Claims. (Cl. 262—28)



17. In a mining machine of the class described, a track-mounted truck, a cutting element supported on said truck for reciprocable slidable movement with respect thereto comprising a motor, a cutter bar disposed forwardly thereof and pivotally movable in a vertical plane, self-locking mechanism driven by said motor for vertically swinging said cutter bar, and mechanism for feeding said cutter bar with respect to said truck comprising a rack on said truck, a pinion meshing therewith and a frictionally controlled plural speed geared reduction drive driven by said motor and having driving connection with said pinion.

2,060,227
MINING CONVEYER
William Archibald Logan, Kinghorn, Fife, Scotland
Application April 1, 1935, Serial No. 14,004
In Great Britain April 3, 1934
1 Claim. (Cl. 198—139)

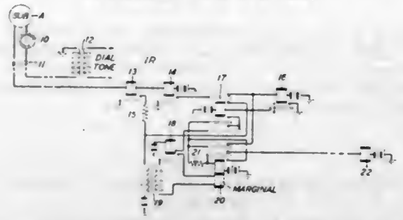


For use with a travelling mining machine provided with a guide member travelling with said machine, a mining conveyer including a discharge winch, an auxiliary winch located between said discharge winch and said guide member, a conveyer belt trained forwardly under, and rearwardly over, said guide member, a rope connecting the upper flight of said belt to said discharge winch, a longer rope connecting the lower flight of said belt to said auxiliary winch, and variable speed gearing including a clutch connecting said winches, whereby the belt may be unwound from either one of said winches on to the other one of said winches and the distance between said auxiliary winch and said guide member may be varied.

2,060,228
SOAP
Anthony J. Lorenz, Chicago, Ill., assignor, by direct and mesne assignments, to Lever Brothers Company, a corporation of Maine
No Drawing. Application June 18, 1931, Serial No. 545,367
6 Claims. (Cl. 167—58)

1. A new composition of matter for use with water for hygienic purposes, comprising a soap having incorporated therein an anti-rachitic factor having beneficial dermatological properties, the soap being compatible with the anti-rachitic factor to retain and make available such properties upon use.

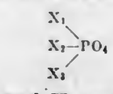
2,060,229
SIGNALING SYSTEM
Frank K. Low, Brooklyn, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 25, 1935, Serial No. 23,358
11 Claims. (Cl. 179—16)



1. In a signaling system, a line, a signal sender, a first relay, a second relay, a third relay, a transformer, a first circuit including said line and sender and windings of said first and second relays, a resistor, a second circuit including one winding of said transformer and said resistor and a normally open contact of said first relay, a third circuit excluding said resistor and including said winding of the transformer and a normally open contact of said second relay, and a fourth circuit including another winding of said transformer and a winding of said third relay.

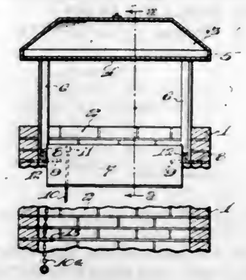
2,060,230
RECOVERY OF PHENOLS FROM AQUEOUS LIQUORS
Fritz Lüttge, Leuna, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application February 18, 1936, Serial No. 64,485. In Germany February 26, 1935
3 Claims. (Cl. 260—154)

1. A process for the recovery of phenols from an aqueous liquor containing the same besides emulsion-forming substances comprising intimately mixing said aqueous liquor in the presence of inert gases with a water-insoluble liquid phosphoric acid ester of the general formula:



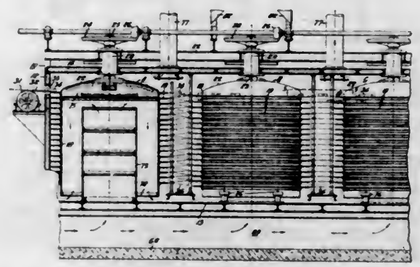
wherein X_1, X_2 and X_3 each stand for an aryl or alkyl group with more than three carbon atoms and X_1, X_2 and X_3 may denote identical or different radicles, and thus causing the formation of foam, allowing the mixture to separate into different layers by sedimentation and drawing off the liquid phosphate laden with phenol.

2,060,231
COMBINATION COVER AND DRAFT CONTROL FOR CHIMNEYS
Walter H. Malone and James M. Eyre, Dallas, Tex.
Application October 1, 1934, Serial No. 746,279
1 Claim. (Cl. 98—85)



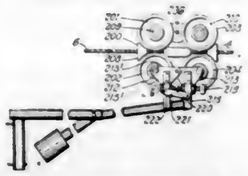
In a combined cover and draft control for brick chimneys and the like, the combination with said chimney of vertically disposed and relatively parallel uprights, each conforming to a corner of the chimney passage, a substantially L-shaped flanged member in cross-section interconnecting the lower ends of said uprights, the horizontal flange of said member disposed to lie between two courses of the brick of said chimney at a predetermined point below its top to reinforce and support said uprights; a triangular shaped cover in cross-section having a closed undersurface disposed on said uprights and supported thereby, a counter-balanced damper pivotally arranged adjacent the lower ends of said uprights and maintained in normally open position and means below said damper for holding the same in closed position.

2,060,232
FISH COOKING METHOD
Paul D. V. Manning, Berkeley Woods, David D. Peebles, Eureka, and Alfred H. Potbury, Berkeley, Calif.
Application January 13, 1932, Serial No. 586,434
3 Claims. (Cl. 99—188)



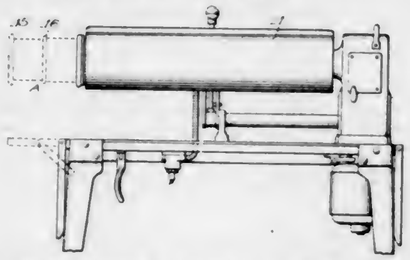
1. A method of cooking fish for canning purposes characterized by the use of a cooking chamber, the steps of maintaining a hot gaseous atmosphere within the chamber in contact with the fish within the same, and maintaining the temperature and moisture content of the atmosphere at values in accordance with the practice of providing a dry bulb temperature of about 450° Fahrenheit, and a wet bulb temperature of about 135° Fahrenheit, with a cooking period of about 46 minutes.

2,060,233
MEASURE METER
Chester A. Mathey and Paul F. Lewis, Tulsa, Okla.; said Lewis assignor, by mesne assignments, to E. I. du Pont de Nemours and Company, a corporation of Delaware
Original application January 29, 1934, Serial No. 708,839. Divided and this application November 9, 1935, Serial No. 48,964
7 Claims. (Cl. 33—134)



4. A meter for measuring the length of cable paid therethrough, said meter comprising a frame and two pairs of cable-contact wheels adapted to receive the cable therebetween, one of said pairs of wheels having their axes in fixed relation to the frame, and means for flexibly mounting the second pair of wheels in independent and individual operative relation with each other to permit said second pair of wheels to move independently toward and away from the first pair of wheels.

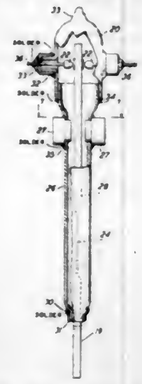
2,060,234
EXTENSION FOR IRONING MACHINE ROLLS
John Mikulasek, Newton, Iowa, assignor to The Maytag Company, Newton, Iowa, a corporation of Delaware
Application April 18, 1935, Serial No. 16,957
3 Claims. (Cl. 38—65)



1. In an ironing machine roll having a hollow interior and an open end, a tubular extension slidably mounted in the hollow interior and movable in one direction into the roll, and in the opposite direction to project outwardly therefrom, and a stop member adjacent the inner end of the tubular extension to limit the extent of its outward movement, said stop member comprising a normally sprung out finger movable inwardly when desired to entirely remove the tubular extension from the roll.

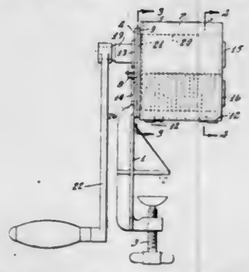
2,060,235
RELAY
Daniel D. Miller, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 22, 1935, Serial No. 27,954
3 Claims. (Cl. 200—87)

3. In combination, a sensitive polarized relay and a contact structure therefor comprising an armature member a metallic casing of material of high electrical resistance surrounding a portion of said armature hermetically sealed to said armature, pole-pieces for said armature extending through and resiliently supported by said



casing, a glass cap hermetically sealed to the end of said casing, contact members extending through said cap and hermetically sealed therethrough, and a non-corrosive atmosphere sealed within said casing.

2,060,236
DOUGH KNEADING AND CUTTING MACHINE
Ernest L. Muehl, Detroit, Mich.
Application February 8, 1935, Serial No. 5,542
5 Claims. (Cl. 107—12)

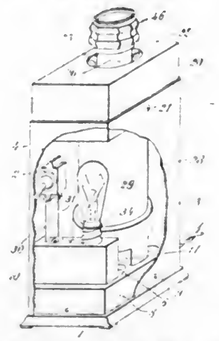


1. In a device of the character described, a housing having side walls, one of said side walls having a pair of spaced apart bearings, the other of said side walls having an opening therein, rollers having spindles at opposite ends thereof, the spindles at one end of said rollers being received in said bearings and the spindles at the opposite ends extending through said opening, a supporting bracket, said bracket having an extended portion provided with bearings, and removable means for securing said bracket to said housing with the other spindles in said bearings in said extended portion.

2,060,237
ELECTRIC HEATING DEVICE
Alfred W. Muller, New York, N. Y.
Application February 27, 1935, Serial No. 8,438
8 Claims. (Cl. 219—19)

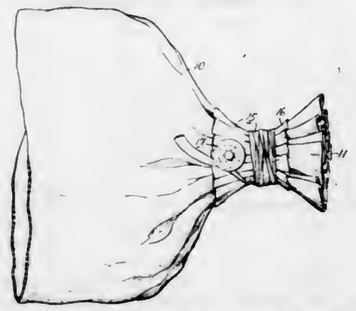
7. An electric heating device comprising a casing, a receptacle support therein, an electric heating element within the casing to heat a receptacle and its contents, a cover for the casing and

a body of soft material located at the inner side of the top wall of said cover for engaging the



upper end of a receptacle when the latter is resting upon the said support.

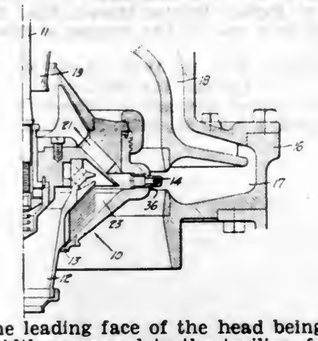
2,060,238
APPARATUS FOR AND METHOD OF CLEANING
Lars G. Nilson, Hoboken, N. J.; Marcel H. Mial, executor of said Lars G. Nilson, deceased, assignor of one-half to Frank P. Fahy, New Rochelle, N. Y., and one-half to Abraham N. Spanel, Rochester, N. Y.
Application November 28, 1933, Serial No. 700,027
6 Claims. (Cl. 150—3)



5. Apparatus of the class described comprising a fluid-tight envelope having a mouth for receiving material to be cleaned, the material of the envelope adjacent said mouth being flexible, resilient, and compressible, and means for sealing said opening comprising a flexible elastic strip having free ends adapted to be wound many times around the gathered mouth of the envelope with superposed turns under tension so that the cumulative force squeezes the gathers at the mouth so close as to prevent seepage of fluid through the mouth.

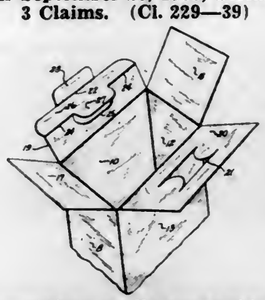
2,060,239
CENTRIFUGE CONSTRUCTION
Albert Peltzer, Palo Alto, Calif., assignor to Merco Centrifugal Separator Co. Ltd., San Francisco, Calif., a corporation of California
Application July 2, 1934, Serial No. 733,446
8 Claims. (Cl. 233—47)

1. In a nozzle construction for use with centrifuge rotors, a body adapted to be mounted upon a centrifuge rotor and being ported for flow of material therethrough, the body having an external head which provides a final discharge port directed backwardly relative to the direction of rotation and which presents rounded sur-



faces, the leading face of the head being of reduced width compared to the trailing face.

2,060,240
CARTON OR BOX
George Pergande, Chicago, Ill., assignor to Badger Carton Company, Milwaukee, Wis., a corporation of Wisconsin
Application September 20, 1935, Serial No. 41,341
3 Claims. (Cl. 229—39)



1. In a container, walls cooperable to provide an enclosure, closure flaps carried by some of said walls and cooperable to releasably close one side of the container, said flaps being overlapping and the inner flap having a medially positioned opening of eccentric shape and having a pair of spaced straight edges and a pair of inwardly curved edges joining the ends of the straight edges, one portion of the outer flap being bendable with respect to the adjacent portion and said bendable portion carrying a pair of oppositely directed flexible tongues, both of the tongues being insertable through said opening to engage the opposite straight edges, and extending against opposite under surface portions of the inner flap.

2,060,241
SOUND ABSORBING STRUCTURE
Theodore M. Prudden, Hingham Center, Mass., assignor to Pacific Mills, Lawrence, Mass., a corporation of Massachusetts
Application June 14, 1933, Serial No. 675,768
18 Claims. (Cl. 154—44)



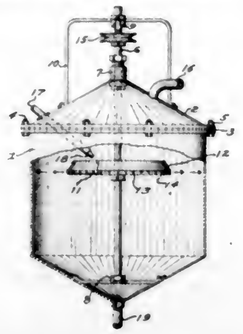
1. A sound absorbent panel construction comprising a multiplicity of slightly spaced loosely-draped light, thin individually vibratile sheets located between stiffer cover and backing sheets, at least the cover sheet being sound permeable, and means uniting all sheets into a unitary structure.

2,060,242

APPARATUS FOR DEAERATING LIQUIDS

George N. Pulley, Winter Haven, Fla., dedicated to the free use of the People of the United States

Application July 11, 1936, Serial No. 90,153
1 Claim. (Cl. 183—2.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



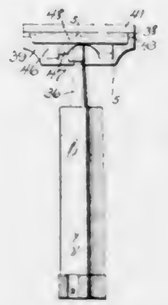
An apparatus for de-aerating liquids by centrifugal force under reduced pressure, comprising a tank; a cover detachably affixed to said tank; a shaft extending through said cover and into said tank; means for retaining said shaft in position; a cup-shaped disc mounted on said shaft and having holes formed in the outer periphery thereof; means for revolving said shaft and disc; a vacuum connection mounted on said cover, and means adapted for the intake and outlet of liquids.

2,060,243

MAGAZINE RAZOR

Octavius Victor Rodrigues, Passaic, N. J., and Leopold Kuhnl, Bridgeport, Conn., assignors to Magazine Repeating Razor Company, New York, N. Y.

Application May 23, 1935, Serial No. 22,940
3 Claims. (Cl. 30—40)



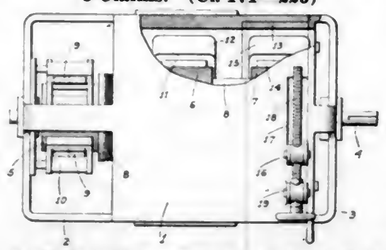
1. In a safety razor of the magazine type, a post, a shaving head pivoted to the post, the shaving head comprising a blade platform and a top plate for holding a blade between them, a spring on the shaving head for engaging the rear edge of a blade and having a cam portion thereon and a cam on the post for moving the spring out of contact with the blade when the shaving head and the post are parallel.

2,060,244

GENERATOR

Charles C. Roe, Stockton, Calif., assignor to John F. Knapp, Oakland, Calif., and himself, as trustees

Application November 16, 1935, Serial No. 50,164
8 Claims. (Cl. 171—223)



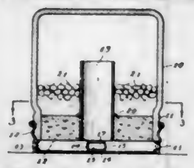
1. A single unit generator including an armature winding and commutator, shunt field coils surrounding a portion of the armature, series field coils surrounding a second portion of the armature in longitudinally spaced relation to said first portion, said shunt and series coils being energized by said armature winding, and means to rotate the series coils relative to the shunt coils through an arc of predetermined length.

2,060,245

INSECT POISON CONTAINER

John B. Rosefield, Oakland, Calif.

Application July 29, 1933, Serial No. 682,859
7 Claims. (Cl. 43—131)



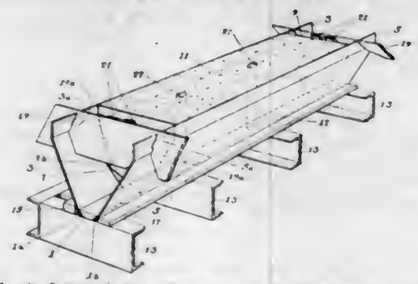
1. An insect poison container comprising a receptacle having a screwthreaded neck portion, a screw cap for said receptacle, ports in the side walls of said cap, stops in said cap adjacent said ports to prevent said cap from being turned on said receptacle to close said ports, an inner closure for said receptacle having an aperture therein, and a pipe in said aperture extending into said receptacle.

2,060,246

FORM FOR MAKING CONCRETE CASTINGS

Harold Russell, Boston, Mass.

Application July 29, 1932, Serial No. 625,731
3 Claims. (Cl. 25—121)



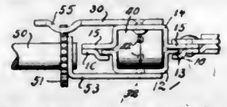
1. A form for making concrete castings comprising, in combination, a bottom element; a positioning element arranged adjacent the bottom element and forming therewith a continuous uninterrupted channel; and a side wall element having a bottom edge insertable in said channel; the top adjacent edges of the bottom and positioning elements being at different elevations and one of the adjacent faces of said bottom and positioning elements being undercut from its top edge so that the side wall element when inserted in said channel can be swung laterally toward and from a position determined by its engagement with the said top edges of the bottom and positioning elements.

2,060,247

ADJUSTABLE SEAT SUPPORT

Walter S. Saunders, Pontiac, Mich., assignor to The American Forging and Socket Company, Pontiac, Mich., a corporation of Michigan

Application January 17, 1935, Serial No. 2,248
2 Claims. (Cl. 155—14)



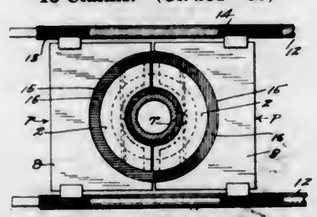
1. Supporting means for a seat or the like comprising a pair of spaced substantially parallel track members, a carriage including an inverted channel member movably carried by each track member for travel therealong, said carriage members being adapted to cooperate in supporting a seat, and means connecting said carriage members to insure substantially unitary movement thereof, including a cross shaft rotatably supported by and extending between said track members in the general plane of said track and carriage members, a pair of gear elements fast on the shaft, and a pair of rack elements, one meshing with each gear, and one secured to and projecting inward from each channel member toward the other, said rack elements comprising plates having perforations therein substantially wider than the thickness of the gears, into which perforations the teeth of the gears extend.

2,060,248

FLOATING BLOCK GATE RAM

Frank J. Schweitzer, Brea, Calif.

Application September 26, 1934, Serial No. 745,603
13 Claims. (Cl. 251—55)



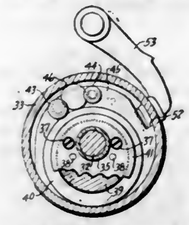
13. A blow-out preventer having, in combination, a through-hole shell, and a ram or gate element reciprocatively guided therein to open or closed positions and provided with a unitary, bodily removable packing device having upper and lower bearing faces and being axially slidable as to the gate element, said device including packing which presents a sealing area at its inner face to engage and seal on an opposing part and also presents packing bordering the outer rims of the said bearing faces and seating against the adjacent, inner surface of the said element and which bordering packing is extrudable edgewise; means forming guide area on which the said packing unit is slidable and against which the extruded border packing seals when compacted as the gate element is moved inward after said packing device is arrested by said part as the gate is closed, and means retractively connecting the packing unit or device with the gate element; the latter having a frontal or inner pocket in which said packing device is disposed.

2,060,249

MECHANICAL CLUTCH

Howard B. Scott, Dayton, Ohio, assignor to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland

Application July 14, 1933, Serial No. 680,348
6 Claims. (Cl. 192—27)



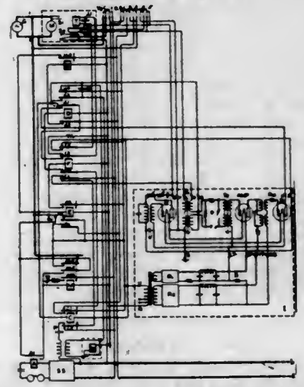
1. A clutch comprising a driving member and a driven member adapted to be connected to and disconnected from each other at will, said driven member being mounted eccentrically relative to the driving member; a ring surrounding the driven member and loosely contacting the driving member; and means intermediate the driving member and the ring to force said ring into wedging contact with the driving member.

2,060,250

COMBINED TELEPRINTER AND TELEPHONE SYSTEM

Arthur M. Searle, George L. Hunt, and Robert J. M. Andrews, Aldwych, London, England, assignors to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application April 23, 1932, Serial No. 607,040
In Great Britain April 28, 1931
9 Claims. (Cl. 179—4)



1. A telephone system comprising a plurality of subscribers' stations each associated with a pair of talking circuit conductors and comprising telephone communication equipment connected thereto, each of said stations also com-

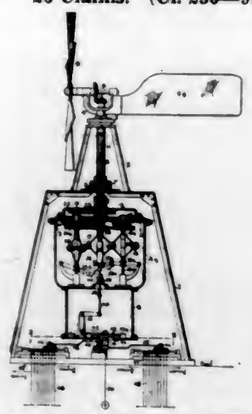
prising apparatus whereby, when connected to a similar station, teleprinter comunication unlimited in its content may be carried on over the talking circuit conductors, means at each subscriber's station connected to the talking circuit conductors at all times when the respective subscriber's station is idle for giving a call signal at a called station in response to calling currents incoming over the talking circuit conductors whereby a called subscriber may be summoned to his station to respond to a telephone call, and means whereby without previous disturbance of the normal connection of the telephone communication equipment to its talking circuit conductors, the teleprinter equipment at an unattended called station may be connected by remote control to the talking circuit conductors and may be conditioned to receive and record a telegraph message.

2,060,251

WIND CONTROLLED HEATING SYSTEM

John A. Serrell, Passagrille, Fla., assignor to Webster Tallmadge & Company Inc., East Orange, N. J., a corporation of New York

Application July 31, 1929, Serial No. 382,546
26 Claims. (Cl. 236—91)



1. In a system for heating buildings, radiators arranged in groups within the buildings, means for supplying a heating fluid to said groups of radiators and respectively providing heating means for different zones within the building, separate zoning valve devices for controlling the supply of heating fluid to the heating means of the different zones, a wind motor having a movable part actuated by the direction and velocity of the wind adjacent to the building, and means under control of the movable part of the wind motor for controlling the valves inversely, whereby one of the zoning valves is operated to increase the supply of the heating fluid and another of the zoning valves is operated to decrease the supply of heating fluid for simultaneously increasing the heat in one zone portion of the building while decreasing the heat in another zone portion of the building.

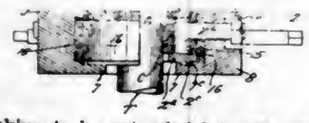
2,060,252

FLOATING BLOCK GATE RAM

William D. Shaffer and Frank J. Schweitzer, Brea, Calif.

Application September 26, 1934, Serial No. 745,602
13 Claims. (Cl. 251—51)

1. A blow-out preventer ram block provided with a shiftable cage, a packing core extending through the cage, inner packing at the face of the cage to seal on an inner obstacle, and outer packing to seal on a wall part of the ram; the core being adapted to flow rearward when the inner packing abuts the obstacle and to cause the



outer packing to be extruded laterally; said cage being yieldably supported by the packing as to the block, the inner packing consisting of a part of the core and the outer packing comprising a separate, removable element between said wall and the core.

2,060,253

LEATHER-LIKE MATERIAL

Henry Philip Shopneck, Danvers, Mass.

No Drawing. Application August 8, 1934, Serial No. 739,001
9 Claims. (Cl. 92—3)

1. A leather-like material, comprising a water-laid fibrous base, consisting of a felted mixture of relatively long and short fibres, as described, and impregnated with a rubber-containing compound, a portion of the fibres being of vegetable origin, and the shorter fibres being thin and substantially individually isolated, and at least a portion of the longer fibres being relatively thick, unravelled bundles of fibres.

2,060,254

PROCESS OF MAKING SULPHURIC ACID ESTERS OF ALIPHATIC ALCOHOLS AND THE PRODUCTS

Hugo Siebenbürger, Basel, Switzerland, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland

No Drawing. Application May 20, 1932, Serial No. 612,652. In Switzerland May 29, 1931
13 Claims. (Cl. 260—99.12)

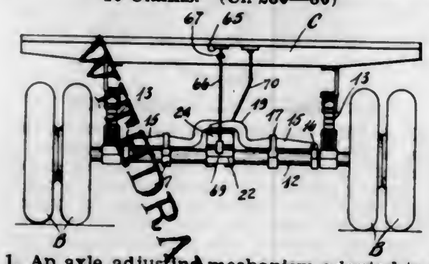
1. A manufacture of sulphuric acid esters of such aliphatic alcohols which contain at least 9 carbon atoms and only one hydroxy group, consisting in reacting with the addition product of sulphur trioxide and a liquid organic base, in the presence of an excess of the organic base, an aliphatic alcohol containing at least 9 carbon atoms and only one hydroxy group.

2,060,255

AUTOMATIC AXLE ADJUSTER

Casimir Siemiana, Bay City, Mich.

Application June 24, 1935, Serial No. 28,224
10 Claims. (Cl. 280—80)



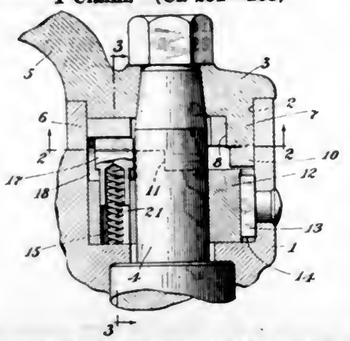
1. An axle adjusting mechanism adapted to be connected to an axle shaft and comprising a lever beam, and a pressure actuated means mounted on said axle and engaging said lever beam for maintaining said axle in true horizontal alignment.

2,060,256

THROTTLE LOCKING DEVICE

William A. Smith, Jr., North Arlington, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y., a corporation of Virginia

Application September 27, 1934, Serial No. 745,675
1 Claim. (Cl. 251—163)



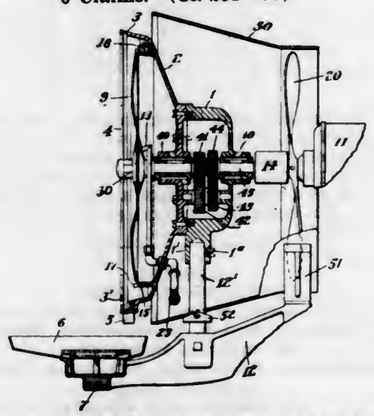
In a locking device for percussive tool throttle valves, a throttle valve stem, a back head having a recess therein, a rotatable back head plug extending into said recess, said stem attached to said plug, a ratchet disc in said recess and having a plurality of radial ratchet notches therein, a flat locking surface on one side of said ratchet disc, a projection on said back head plug engaging said flat surface and connecting said disc to said plug for rotation therein, a locking pawl-carrying member in said recess, a locking pawl carried by said member and attached to engage in said radial ratchet notches, a key carried by said back head and engaging said locking pawl-carrying member to prevent rotation thereof, a spring for urging said pawl into any one of said notches, a stop shoulder formed on said pawl-carrying member and an extension formed on said back head plug for engagement with said stop shoulder to limit rotation of the plug.

2,060,257

HUMIDIFYING APPARATUS

Edward Southworth, Portland, Maine, assignor to Southworth Machine Company, Portland, Maine, a corporation of Maine

Application November 1, 1934, Serial No. 751,015
6 Claims. (Cl. 261—90)



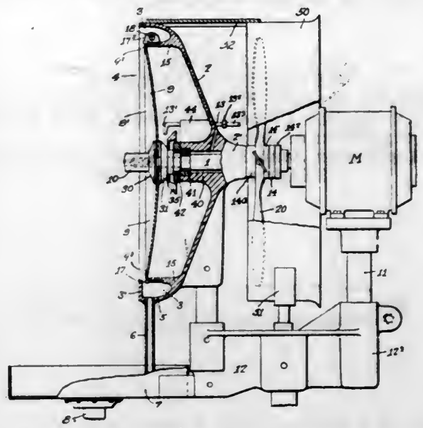
1. In a humidifier apparatus, a supporting bracket, an arm swiveled thereto between its ends, and having a cradle adjacent one end, a motor supported at the arm end next to the cradle, a vaporizer casing having a socket, a supporting stud set in the arm and having its end entered in said casing socket, a fan on the motor shaft between the motor and casing, an enclosing funnel extending from the fan at one end and supported in the cradle and extending to adjacent the edge of the vaporizer casing and apertured to receive the casing supporting stud, and an adjustable collar on said stud for supporting the funnel end opposite said cradle support.

2,060,258

HUMIDIFYING APPARATUS

Edward Southworth, Portland, and Grenville Whitney, Westbrook, Maine, assignors to Southworth Machine Company, Portland, Maine, a corporation of Maine

Application April 28, 1936, Serial No. 76,762
5 Claims. (Cl. 261—30)



1. A humidifier including a vaporizing casing, consisting of an outwardly flaring open face casing, an axial hub within said casing and extending forwardly of its interior face, a shaft revolubly supported in said hub, a water supply discharging centrally of said casing, a rotor disc on said shaft and faced to the casing opening and operative to produce a peripheral water discharge, an annular set of radial teeth interceptively disposed with reference to the peripheral discharge of the disc, a fan on the shaft adjacent the rear hub end, a motor support externally of the casing and a driving connection between the motor shaft and disc shaft end whereby said casing, disc and fan unit may be detachably assembled and disassembled as such.

2,060,259

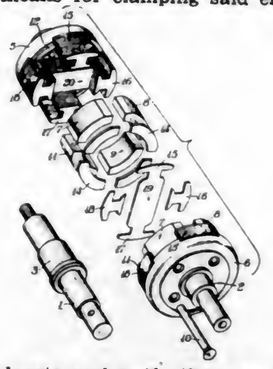
MAGNETO GENERATOR

Walter J. Spengler, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware

Application November 28, 1934, Serial No. 755,176
6 Claims. (Cl. 171—209)

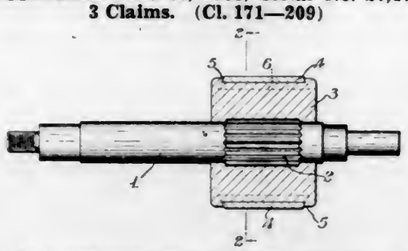
1. A magneto rotor including a plurality of bar magnets forming a ring with unlike poles arranged successively, pole pieces arranged on the exterior of the ring at such poles, axially spaced magnetic bridging members extending across the interior of the ring for connecting like poles thereof, a sectional rotor shaft, end

plates rigid with the adjacent ends of said sections, and means for clamping said end plates



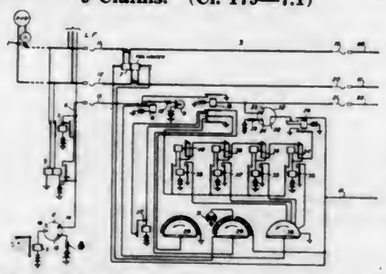
together to locate and unify the magnets, pole pieces and bridging members.

2,060,260
MAGNETO GENERATOR
Walter J. Spengler, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application June 20, 1935, Serial No. 27,475
3 Claims. (Cl. 171—209)



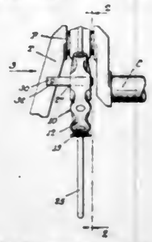
1. In a magneto rotor a shaft, pole pieces arranged circumferentially about the shaft, and a permanent magnet filling the space between the shaft and pole pieces and bonded thereto so as to form an integral structure.

2,060,261
TELEPHONE SYSTEM
Ray L. Stokely, Floral Park, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 21, 1934, Serial No. 716,571
9 Claims. (Cl. 179—7.1)



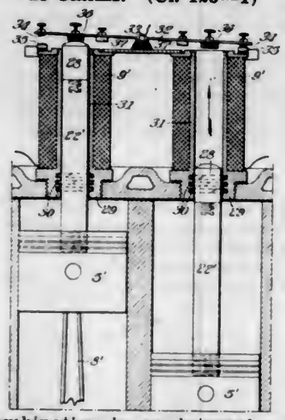
1. In combination, a line having two talking conductors and a control conductor, a register for said line, a space-discharge device having one of its electrodes connected to said register and another of its electrodes connected to the control conductor of said line, a source of potential, and means for repeatedly applying said source to said conductor, said discharge device responsive to each such application to cause a flow of current through the register to operate the same.

2,060,262
CRANKSHAFT ROTATING TOOL
Daniel S. Stouffer, Los Angeles, Calif.
Application May 29, 1935, Serial No. 24,073
7 Claims. (Cl. 81—53)



1. A crank shaft rotating tool comprising a body, a turning bar applicable to the body in any of a plurality of positions and by which the body and a crank shaft to which the body may be applied may be turned, and means on the body for attaching the body to both a crank pin and a crank throw of the crank shaft.

2,060,263
INTERNAL COMBUSTION ENGINE
Ross J. Sweeney, Harrisburg, Pa.
Application March 13, 1936, Serial No. 68,692
13 Claims. (Cl. 123—1)

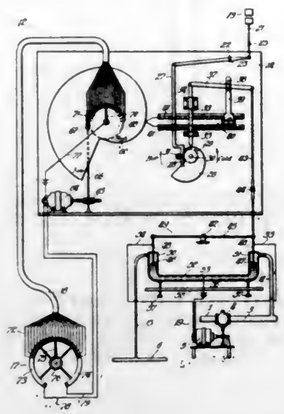


1. In combination in an internal combustion engine, of a cylinder and a power piston operable therein, energizing electrical means associated with the piston, and means for automatically energizing said means to effect a pull on the piston during the compression and exhaust strokes of the engine.

2,060,264
SOURING MATERIAL
Freeman R. Swift, Mount Vernon, N. Y., assignor to Standard Brands Incorporated, New York, N. Y., a corporation of Delaware
No Drawing. Application September 19, 1931, Serial No. 563,900
16 Claims. (Cl. 99—93)

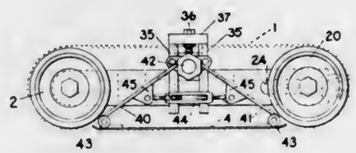
1. A method for the preparation of a dry souring material which comprises admixing pure cultured anaerobic, moderate temperature bacilli of the lactic acid forming group with an amylaceous material and water, allowing the admixture to remain at a temperature of from 20° to 35° C. for a period of time and then drying.

2,060,265
STEAM HEATING SYSTEM
Herbert G. Thomas, Evanston, Ill., assignor to Webster Tallmadge & Company Inc., East Orange, N. J., a corporation of New York
Application April 22, 1929, Serial No. 357,034
38 Claims. (Cl. 236—91)



1. In a system of the class described the combination of means for supplying variable amounts of heating fluid to a building to be heated in proportion to the varying differences between a predetermined temperature and the variable temperature outside of the building throughout a given range of outside temperatures, said means comprising a cam and cam follower, the relation of throw to motion of the cam embodying the relation between pressure difference upon an orifice and the rate of flow therethrough, and thermostatic means imparting motion to said cam.

2,060,266
BODY AND FENDER FINISHING MACHINE
Anders Thompson, Seattle, Wash.
Application May 4, 1935, Serial No. 19,847
12 Claims. (Cl. 51—170)

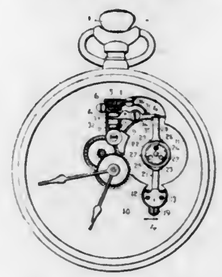


1. A manually portable machine for resurfacing curved portions of sheet metal structures, comprising a frame, spaced pulleys supported therefrom, an abrasive belt looped about said pulleys, a flexible backing plate directly engaging said belt between the pulleys, and means supporting said backing plate from said frame, and adjustable to bow said plate either concavely or convexly and to hold said plate in either of such bowed attitudes.

2,060,267
HYDROGENATION OF ETHYLPROPYLACROLEIN
Walter J. Toussaint, South Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
No Drawing. Application March 25, 1933, Serial No. 662,829
3 Claims. (Cl. 260—138)

1. The process which comprises heating alpha-ethyl-beta-propylacrolein with hydrogen in the presence of a nickel catalyst, at a temperature of about 100° C. to 230° C. and at a gauge pressure of about 0 to 900 pounds per square inch, and separating from the reaction product alpha-ethylhexaldehyde, 2-ethyl-1-hexanol and normal heptane.

2,060,268
OVER-WIND PREVENTION DEVICE FOR SPRING MOTORS
Joseph Vass, Revere, Mass., assignor of one-fourth to Joseph Bear, Wakefield, and one-fourth to Samuel G. Sloane, Atlantic, Mass.
Application March 2, 1935, Serial No. 9,116
3 Claims. (Cl. 185—43)

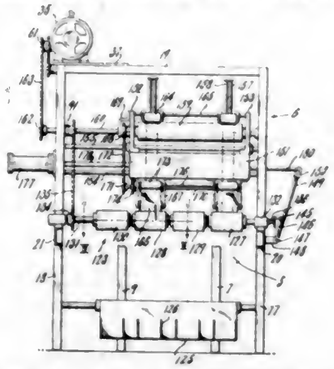


2. The combination, with the main-spring of a spring motor, the winding pinion, clutch and winding stem, of a shipping lever adapted to engage and disengage the clutch; a rigid arm co-acting with said lever to cause it to function; a plate on which said rigid arm is mounted; a spring-arm on which said plate is mounted; a threaded post on the arbor of the main-spring; a second plate threaded on said post and having an orifice; and a second post on the barrel of the main-spring passing loosely through said orifice, the parts being so related that the second plate is caused to travel in one direction by rotation of the arbor and in the other direction by rotation of the barrel, and to engage the first plate to move it against the force of the spring-arm to cause said rigid arm to actuate the shipping lever.

2,060,269
APPARATUS FOR WINDING FABRIC
George F. Wikle, Detroit, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y., a corporation of New Jersey
Application January 5, 1934, Serial No. 705,375
3 Claims. (Cl. 242—65)

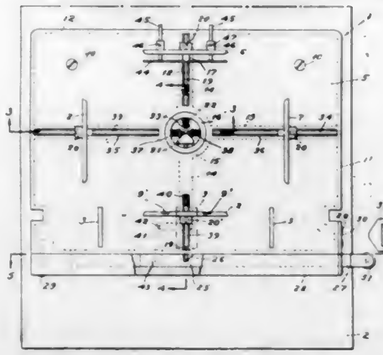
1. In a fabric preparing machine, a frame, a plurality of wind-up rolls, and a transfer head

comprising fabric feeding rolls movable within



said frame for selectively supplying strips to said wind-up rolls.

2,060,270
JOGGER FOR A PRINTING PRESS
Henry Bosworth Willats and Leo A. Alvarez, San Francisco, Calif.
Application March 11, 1935, Serial No. 10,484
7 Claims. (Cl. 271—89)



1. A jogger for a printing press or the like comprising a base, a jogging element mounted thereon with freedom of jogging movement, a rod slidable in the base and connected to the element and having spring means for urging the same in one direction, a transverse bar slidable in the base and having a driving means urging the rod in the opposite direction when the bar is moved, and an actuating member reciprocable transversely to the bar and having means for imparting endwise movement to the bar on each reciprocation, the spring means operating through the driving means to immediately return the bar to an initial position.

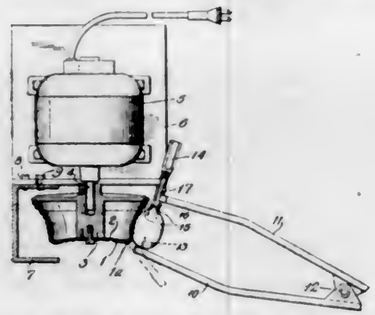
2,060,271
COMBINED SOAPING, SCRUBBING, AND SPRAYING DEVICE
William H. Zimbalist, Brooklyn, N. Y.
Application May 1, 1935, Serial No. 19,188
2 Claims. (Cl. 15—129)

1. In a device of the class described, a casing having a base and an open mouth, a perforated plate rigidly fixed within the casing intermediate the base and open mouth, an orifice in the casing wall between the base and plate, a liquid feed means coupled to said orifice, a circular band in telescopic engagement with the portion of the casing between the plate and mouth, said band being provided with a plurality of spaced brush



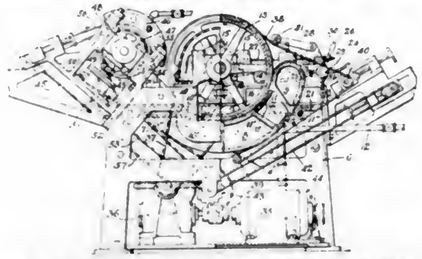
retainer elements, an annular brush having a carrier core retained in position by said retainer elements.

2,060,272
PEEL REMOVING AND GRATING MACHINE
William Zoeller, Brooklyn, N. Y.
Application January 11, 1936, Serial No. 58,658
3 Claims. (Cl. 146—177)



1. In a device of the class described, the combination of a cup-shaped grating member provided with a circular wall and bottom portions both of which are concave in form and provided with roughened grating surfaces and formed with a smooth surface extending around the circumference of the side wall and bottom portions and separating the grating surfaces thereof, a backing member corresponding in shape with said grating member and upon which said grating member is snugly mounted, a rotating member to which said backing member is attached, a shaft upon which said rotating member is mounted, a motor for driving said shaft, a support upon which said motor is mounted, a guard pivotally mounted upon said support and normally positioned over said grating member, a holder for the fruit comprising a pair of hinged arms, a rotatable handle carried by one of said arms, a head, pins carried by said head offset on opposite sides of the axis of said shaft upon which said head is mounted, and a pin carried by the other of said arms co-axially with said shaft, the fruit being impinged upon said pins and adapted to be rotated in engagement with said grating surfaces.

2,060,273
MANGLE
Harry W. Albright, Blue Island, Ill.
Application November 16, 1935, Serial No. 50,136
3 Claims. (Cl. 38—14)



1. In a mangle having a main frame and an ironing roller mounted on said frame, an ironing shoe cooperatively engaging said roller and comprising a steam chamber for heating the shoe and a suction chamber having a perforated face coincidental with the face of the shoe and a perforated back coincidental with the back of the shoe, means supplying steam to the steam chamber for heating said shoe, means for conducting the material being ironed across the perforations in the face and back of the shoe, and means producing suction in the suction chamber whereby steam generated in the material being ironed during the ironing thereof is removed immediately therefrom and the material will be dried before leaving the mangle.

2,060,274
BINDING AND DIVIDING BAR
Samuel C. Awbrey, Kansas City, Mo., assignor to Floor Accessories Company, Inc., Kansas City, Mo., a corporation of Missouri
Application May 15, 1931, Serial No. 537,589
2 Claims. (Cl. 94—17)



1. A dividing strip assembly of the kind specified comprising a unitary binding bar having relatively thick portions formed along each longitudinal edge thereof to present laterally extending, opposed, spaced-apart shoulders on each side of the bar, parallel with the said longitudinal edges and spaced therefrom; and a relatively short anchor slidably mounted on the binding bar, having opposed staggered tongues thereon overlying the sides of said binding bar, the shoulders near one edge of the binding bar each having a downwardly and outwardly disposed face formed by the bar extending from the side thereof and combining with said side to form a groove, the ends of said tongues being seated in said grooves with the ends thereof between the side of the binding bar and said face to prevent lateral outward movement thereof.

2,060,275
COOLING TOWER
James P. Barry, Piedmont, Calif., assignor to Hammond Lumber Company, San Francisco, Calif., a corporation of Delaware
Application March 18, 1935, Serial No. 11,659
8 Claims. (Cl. 261—110)

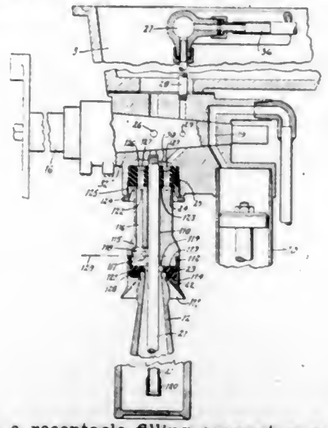
1. In an atmospheric cooling tower, the combination of means for delivering water to be cooled to the upper portion of the tower, a plurality of vertically and horizontally spaced inclined grid members within the tower, each grid member including spaced horizontal slats with the slats of a said grid member disposed in staggered relation to the slats of a vertically adjacent grid member to impede and diffuse the water descending therethrough and to provide channels for the passage of air in vertical and horizontal directions through the tower, and a vertical grid member surrounding the tower, said vertical grid member including a plurality of vertically extending spaced baffle members arranged in staggered rows with the baffles of one row being disposed in registry with the spaces between the baffles of an immediately adjacent row, said baffle members being of substantially triangular cross-section and each having outwardly directed converging

sides of concave configuration, whereby to provide stream lined tortuous horizontal passages for increasing the velocity and reducing the pressure of outgoing atmospheric air between said baffles to the exterior of said tower, the air within the tower passing in unrestricted vertical and horizontal directions throughout the tower to contact and absorb heat from the descending diffused water, the staggered arrangement and uniform relative position of said triangular baffles separating suspended water from the air currents within the tower and preventing the descending diffused water from being carried transversely therefrom, the heated substantially moisture-free air being unrestricted in its upward passage between the said vertically and horizontally spaced inclined grid members and the respective slats thereof.

2,060,276
BOTTLE FILLING METHOD AND APPARATUS
Carlton W. Bondurant, Cleveland, Ohio, assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio, a corporation of Ohio
Application March 6, 1934, Serial No. 714,287
16 Claims. (Cl. 226—114)

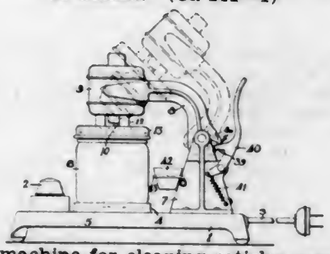
7. The process of filling a receptacle with beer or like beverage from a beverage containing filler tank comprising maintaining the beverage in the tank at substantially a constant level and comprising applying a gas pressure against the tank beverage surface and confinedly communicating beverage therefrom separately to the receptacle interior, the flow being motivated by the resultant of said gas pressure and gravitational force tending to move beverage from the tank to the receptacle, supplying gas under pressure to the receptacle interior in opposition to

the flow of beverage thereinto and maintaining the supply of gas out of contact with the beverage in the tank and maintaining said opposing gas pressure in the receptacle at such value that the sum of the motivating forces will always be greater than the opposing gas pressure, and utilizing the flow of liquid to stop further flow when a predetermined quantity of liquid has flowed into the receptacle.



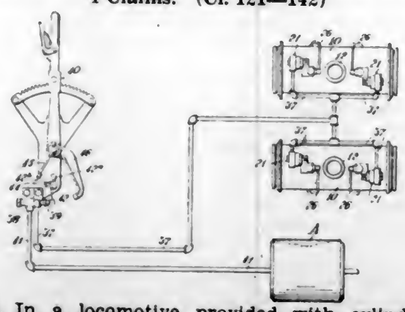
13. In a receptacle filling apparatus, a source of supply of liquid, a filler head construction comprising valve controlled conduit means communicating with the source and with the interior of a receptacle to be filled, an apparatus element having a passageway therethrough, seal means to seal one end of the passageway with the mouth of a receptacle to be filled and the other end of the passageway with respect to the conduit means, whereby liquid flowing into the receptacle may sealedly fill it and cause gaseous receptacle contents to flow out of the receptacle, valve means to stop further flow of liquid when a predetermined amount has flowed into the passageway whereby the filled receptacle and the apparatus element may be withdrawn to break the seal with the liquid conduit means and the liquid in the passageway may sealedly flow into the receptacle before breaking the seal of the receptacle mouth with the apparatus element.

2,060,277
WATCH CLEANING MACHINE
Le Roy Butts, San Francisco, Calif.
Application February 19, 1935, Serial No. 7,195
11 Claims. (Cl. 141—1)



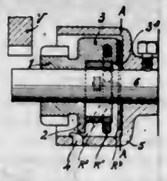
5. A machine for cleaning articles comprising a supporting structure, a lever arm pivotally mounted at an end thereof on a horizontal axis on the said structure, a solution receptacle mounted on the structure, a rotatable basket carried at the free end of the lever arm, means carried by the arm for rotating the basket, a non-rotatable cover for the receptacle carried by the free end of the lever arm, and means supported on the pedestal for urging the lever member in a direction whereby the basket may be held in the receptacle and the cover on the jar.

2,060,278
LOCOMOTIVE STEAM CUT-OFF CONTROL MEANS
Earl E. Chapman and Howard H. Lanning, Topeka, Kans.
Application November 7, 1931, Serial No. 573,560
4 Claims. (Cl. 121—142)



1. In a locomotive provided with cylinders, steam chests, a reverse lever and a fixed pivot point for the lever, the combination of auxiliary steam admission ports at opposite ends of the cylinders; independent steam conveying conduits intermediate of points in the steam chests controlled by the main valve in said chests and the said auxiliary ports at opposite ends of the cylinders; a valve in each of said conduits for controlling passage of steam to the auxiliary ports of the cylinders when the main valves of the steam chests are in predetermined positions; separate air operated means for separately controlling the valves in said conduits; a compressed air supply for said air operated means; a normally closed valve located adjacent to said reverse lever for controlling the flow of compressed air to said air operated means; a loosely pivoted member disposed beneath the reverse lever with one end arranged in operative relation with said normally closed valve; and a pair of depending arms associated with the reverse lever and extending to opposite sides of the vertical plane of the pivot point of the reverse lever, each arm being adapted to actuate said loosely pivoted member when the reverse lever is moved to either one of its extreme positions.

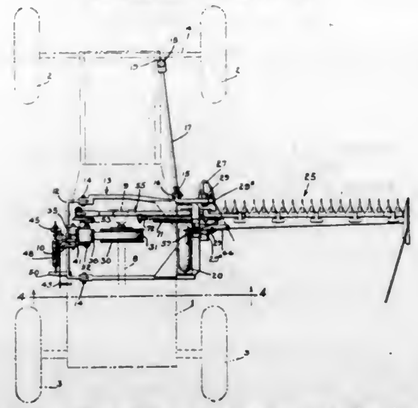
2,060,279
SELF-ACTING CONNECTING DEVICE FOR THE STARTING OF MOTORS
Pierre Cibié, Paris, France
Application March 6, 1935, Serial No. 9,575
In France December 19, 1934
3 Claims. (Cl. 74—9)



1. A connecting device placed between a starter having a shaft and a toothed flywheel for starting a motor, which comprises; a pinion

sliding upon the starter shaft, a cage secured upon said shaft and surrounding said pinion when in its inoperative position, a length of flat spring coil connected with said pinion at one end, its other end being engaged like a nose in a groove provided in the cage to cause the said nose to advance axially and then draw it along rotatively for the purpose set forth; and a second spring composed also of a length of flat spring coil placed concentrically inside the first and in slidable contact with the latter at least over a portion of its length, one of its ends being connected with the pinion while the other bears freely against the inner face of the first spring.

2,060,280
MOWING APPARATUS
John S. Clapper, Minneapolis, Minn.
Application December 24, 1934, Serial No. 759,051
18 Claims. (Cl. 56—25)



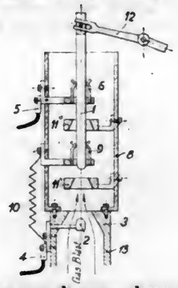
1. In combination with a vehicle having a chassis, a frame beneath the chassis and extending laterally therebeyond at one side, means pivoting the frame to the chassis adjacent the opposite side for free vertical swinging movements, a ground wheel for the frame, and a mowing implement pivoted to the unpivoted end of said frame and extending laterally of the frame and chassis for free vertical movement.

2,060,281
PROCESS FOR BREAKING PETROLEUM EMULSIONS
Edwin E. Claytor, Tulsa, Okla.
No Drawing. Application March 20, 1933, Serial No. 661,841
5 Claims. (Cl. 196—4)

1. The process of breaking petroleum emulsions including treating the emulsions with an agent consisting of a polymerized, blown and sulphonated vegetable oil.

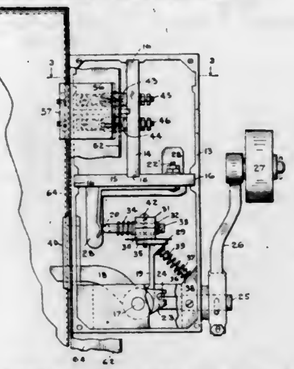
2,060,282
ELECTRIC CIRCUIT BREAKER WITH COMPRESSED GAS BLOW-OUT
André Clerc, Villeurbanne, France, assignor to Ateliers de Constructions Electriques de Delle, Paris, France
Application May 31, 1933, Serial No. 673,624
In Germany June 3, 1932
3 Claims. (Cl. 200—148)

3. In an electric circuit breaker, a stationary contact and a movable contact, a nozzle for blowing a stream of compressed gas axially around the arc in the direction of separation of the movable contact and diaphragms disposed



concentrically around several portions of the arc and behind said nozzle when seen in the direction of blast, said diaphragms being convergent in said direction of blast.

2,060,283
ELEVATOR CAR CONTROL
Harry R. Cullmer, Hollis, N. Y.
Application November 13, 1935, Serial No. 49,507
20 Claims. (Cl. 187—31)

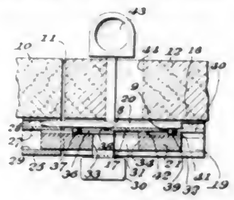


1. In an elevator hatch-way door and frame combination having a hinged elevator hatch-way door and a frame therefor, a lock operatively associated therewith having door engaging means, said lock extending rearwardly of the face of and within said frame and substantially clear of the door opening, electrical switches in the upper and lower portions of said lock, means in combination with one of said switches for operating said door engaging means, means externally of said lock and in the path of movement of an elevator car for actuating said first mentioned means, said door-frame having an opening therethrough leading to said lock, said last mentioned means extending beyond said door and adapted to pass through said opening into said lock, means in combination with said door and permanently projecting therefrom for operating the other of said switches simultaneously with the operation of said door.

2,060,284
FASTENER FOR CLOSURES
Clement N. Curtis, Weymouth, Mass.
Application August 28, 1935, Serial No. 38,186
4 Claims. (Cl. 292—42)

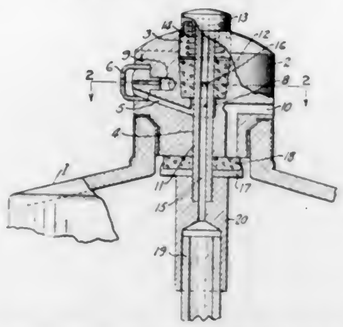
1. In combination with a movable closure, a latch bolt and a bolt mounted for movement into and out of their locked positions, means providing

a one-way driving connection between said bolt and latch bolt as said bolt is moved into its locked position, means operative in response to movement of said bolt after said bolt is moved out of its locked position for moving said latch bolt out



of its locked position, an actuating member for moving said latch bolt into and out of its locked position and means for preventing movement of said bolt into its locked position as said latch bolt is moved by said actuating member into its locked position.

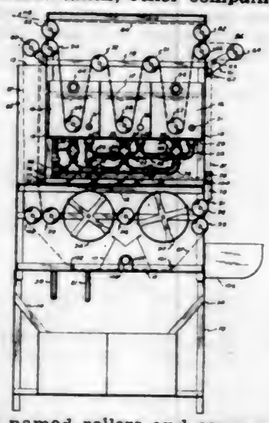
2,060,285
ATOMIZER
Clyde C. Daggett, Toledo, Ohio, assignor to The De Vilbiss Company, Toledo, Ohio, a corporation of Ohio
Application October 1, 1934, Serial No. 746,283
6 Claims. (Cl. 299—88)



6. In an atomizer of the class described, a spray-head having a substantially flat bottom, a fluid discharge passage and an air vent passage, the latter opening through said bottom, an axially reciprocable valve extending through said head and its bottom in offset relation to said vent passage, said valve having a passage therethrough forming a part of said discharge passage in one position of the valve and sealed from communication with the remainder of the discharge passage in the other position of the valve, and a gasket faced flange portion carried by said valve to seat against the head bottom and seal said vent passage opening in the latter valve position.

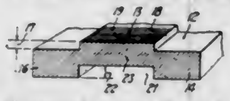
2,060,286
WASHING AND DEVELOPING DEVICE
Fred Doetzel, Jr., Cedar Rapids, Iowa
Application April 15, 1932, Serial No. 605,496
9 Claims. (Cl. 95—94)

1. In a device of the character described a substantially rectangular framework, a plurality of tanks mounted in the upper portion of the framework, rollers on the front of and inside the framework, other rollers within the tanks, a belt passing from the roller outside the framework and over the rollers inside the framework and into and out of successive tanks, other companion rollers



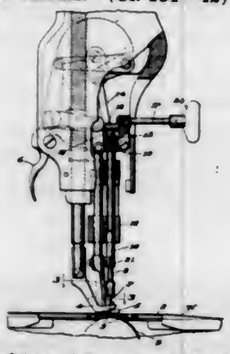
for the first named rollers and companion belts for the first named belt.

2,060,287
SOUND RECORD AND PROCESS OF PRODUCING THE SAME
Floyd J. Dofsen, San Francisco, Calif.
Application May 29, 1935, Serial No. 23,983
4 Claims. (Cl. 274—43)



1. A sound record comprising a strip of flexible material having a straight longitudinal ridge of uniform width projecting from one side thereof and bearing the sound track, and a straight longitudinal groove on the other side thereof in substantial registry with said ridge.

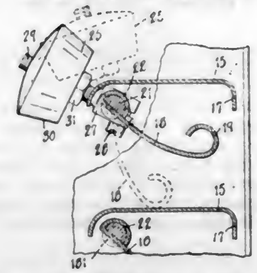
2,060,288
MACHINE FOR APPLYING PIPING AND THE LIKE TO LEATHER GOODS
John J. Donovan, Lynn, Mass.
Application March 24, 1933, Serial No. 662,488
6 Claims. (Cl. 154—42)



1. In a machine of the character described, the combination of a support for a shoe upper or the like, means for guiding a strip of adhesively coated sheet material into contact with said upper, means for pressing said strip and upper together to unite them adhesively to each other,

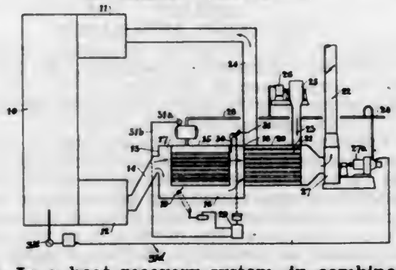
and power operated means arranged to be thrown into and out of operation at will and while the machine continues in normal operation for holding said strip and upper against slipping, one relatively to the other, during the operation of the machine on them and while they are swung relatively to said guiding and pressing means in applying said strip material to curved or angular portions of the work.

2,060,289
CONDITIONING APPARATUS
Sewell H. Downs, Kalamazoo, Mich.
Application September 29, 1934, Serial No. 746,167
12 Claims. (Cl. 98—101)



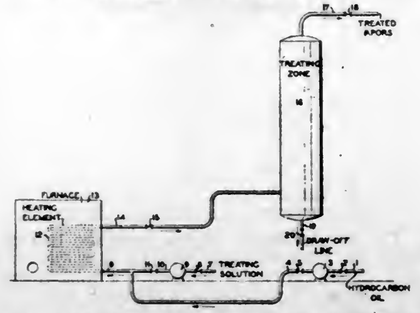
1. In a conditioning system, the combination of a room to be conditioned, a constant speed centrifugal fan having a rotatable fan wheel, a duct leading from the fan to the room, a volume control for the fan comprising a plurality of blades adapted to close off air or in open position to impart to air entering the fan a swirl in the direction of rotation of the fan wheel, a constant velocity register in said duct leading to said room comprising a frame, a plurality of fixed partitions dividing the register frame into a plurality of passages, a plurality of blades each trunnioned to swing in one of said passages to adjustably restrict said passage under control of the rate of flow of air flowing to the register, each blade being curved to present a convex face to the opposing side of the passage and to air passing between the blade and said opposing sides, said face being so curved that at every position thereof it presents to air passing through the register a curved surface approximating in contour the contour of an efficient converging nozzle.

2,060,290
HEAT RECOVERY SYSTEM
Alfred J. Ebner, Chicago, Ill., assignor to Freyn Engineering Company, Chicago, Ill., a corporation of Maine
Application June 22, 1935, Serial No. 27,967
17 Claims. (Cl. 122—7)



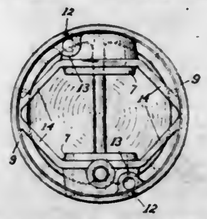
4. In a heat recovery system, in combination, a liquid cooled heat exchanger and a gas cooled heat exchanger connected in series for the reception of hot gases, a shunt passageway around said liquid cooled heat exchanger, damper means for controlling said passageway, and means for controlling said damper responsive to temperature functions of said gas cooled heat exchanger.

2,060,291
TREATMENT OF HYDROCARBON OILS
Gustav Egloff, Chicago, Ill., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application June 28, 1930, Serial No. 464,515
3 Claims. (Cl. 196—35)



1. In the refining of hydrocarbon oils with aqueous solutions of zinc chloride and like water soluble refining agents, the method which comprises mixing with the oil a dilute aqueous solution of the refining agent in which the agent is of insufficient concentration to effect any substantial refining of the oil, passing the resultant mixture in a restricted stream through a heating zone and heating the same therein to above the normal boiling point of water under sufficient superatmospheric pressure to prevent substantial vaporization of water from the solution, discharging the heated mixture into a treating zone and reducing the pressure thereon sufficiently to vaporize such an amount of water as will concentrate the refining solution to the strength required for proper refining of the oil, and removing and recovering the purified oil from the treating zone.

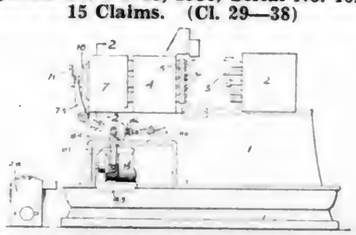
2,060,292
PISTON
Gordon E. Evans, Cleveland, Ohio, assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio, a corporation of Ohio, trustee
Application January 30, 1926, Serial No. 84,894
18 Claims. (Cl. 309—11)



1. A piston comprising a head, boss carrying walls depending from the head, a skirt including two oppositely disposed bearing walls separated by an air gap from direct contact with the head and having spaced longitudinal side edges in the region of said boss carrying walls, and flexible

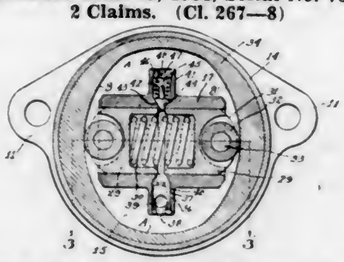
skirt carrying webs disposed within the skirt and extending from the bearing walls intermediate the longitudinal side edges thereof to the bosses, said webs and boss carrying walls forming a circumferentially continuous structure.

2,060,293
HYDRAULIC CHUCK-OPERATING MECHANISM
Walter Ferris, Milwaukee, Wis., and Erich C. Wollaeger, Cleveland, Ohio, assignors to The Oilgear Company, Milwaukee, Wis., a corporation of Wisconsin
Application June 18, 1930, Serial No. 462,056
15 Claims. (Cl. 29—38)



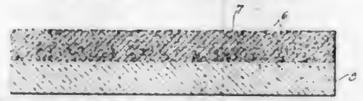
1. The combination, with a machine having a number of work-holding chucks movable from station to station, of a hydraulic chuck-operating mechanism comprising a cylinder and a piston connected to each of said chucks for operating the same, means for supplying liquid continuously in limited volume and at a holding pressure to each of said cylinders to hold said chucks closed, and means for supplying liquid in larger volume to the cylinder at one of said stations to open and close the chuck at that station without interrupting the delivery of said limited volume of liquid or affecting the holding pressure in the cylinders at the other stations.

2,060,294
HYDRAULIC SHOCK ABSORBER
Michael Fieldman, Chicago, Ill., assignor to Houde Engineering Corporation, Buffalo, N. Y., a corporation of New York
Application June 25, 1934, Serial No. 732,230
2 Claims. (Cl. 267—8)



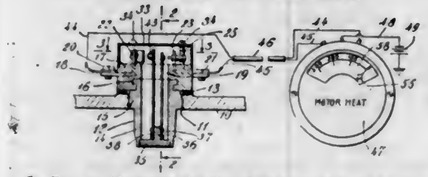
1. In a hydraulic shock absorber, a housing comprising a body in the form of an integral cylindrical cup and a detachable cover therefor, the circumferential wall of said cup having an internal annular shoulder, a cam ring insertable through the open end of the cup and seating against said shoulder, a shaft journaled in the cup bottom and in said cover and extending to the exterior of the housing, a cylinder supported on said shaft with its axis at right angles to the cup axis, pistons reciprocable in the ends of said cylinder and a spring therebetween, said cam ring having a cam surface on its inner side and said spring tending to hold said piston against said cam surface whereby during relative movement between said housing and shaft said pistons will be reciprocated, an inlet for comparatively free flow of fluid into said cylinder during outward movement of said pistons, a check valve for said inlet, an outlet for said cylinder for outflow of fluid when said pistons approach each other, and means for adjustably restricting said outlet.

2,060,295
ACOUSTICAL OR INSULATING PLASTER
Thomas P. Finefrock and William F. O'Neil, Port Clinton, Ohio, assignors to The American Gypsum Co., Port Clinton, Ohio, a corporation of Ohio
Application June 22, 1934, Serial No. 731,910
9 Claims. (Cl. 106—18)



1. The method of making acoustical or insulating plaster, comprising mixing calcined plaster with a relatively high proportion of disintegrated fibrous pellets containing some lime, and with a small proportion of albumin to react with the lime and produce frothing when mixed with water.

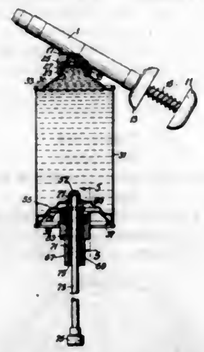
2,060,296
REMOTE INDICATING TEMPERATURE RESPONSIVE DEVICE
Edward L. Fonseca, Newark, N. J., assignor to The Wilcolator Company, Newark, N. J., a corporation of Delaware
Application August 6, 1929, Serial No. 383,803
4 Claims. (Cl. 200—138)



1. In a thermostatic device, the combination of a plurality of thermo-responsive members, a corresponding number of sets of electrical contacts, each controlled by one of said members, an independent set of contacts connected in series with one of the first named sets of contacts, an independent thermo-responsive member, and a resilient member normally urging the said independent contacts into engagement and actuated by said independent thermo-responsive member to disengage said independent contacts at a predetermined temperature.

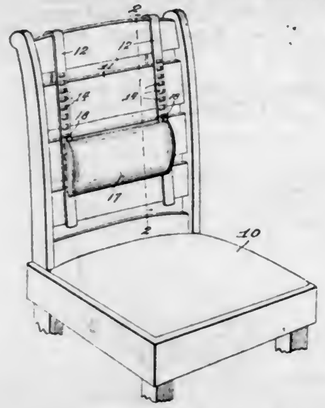
2,060,297
LUBRICATING APPARATUS
Alexander P. Fox, University City, Mo., assignor to Lincoln Engineering Company, St. Louis, Mo., a corporation of Missouri
Application July 26, 1935, Serial No. 33,204
8 Claims. (Cl. 221—47.4)

1. Lubricating apparatus comprising a compressor having a suction inlet, a commercial container for lubricant having an outlet at one end, a quick-detachable connection between said outlet of the container and the inlet of the compressor, a closure at the other end of the container having an opening, a bushing, a quick-detachable connection between said bushing and said last-named opening, a follower in the container located adjacent said closure, and means associated with said bushing cooperable with said follower when the bushing is applied to the inlet whereby force may be applied to said follower, said forcing means comprising a stem slidable through said bushing and contacting with said follower, a spring reacting between the bushing



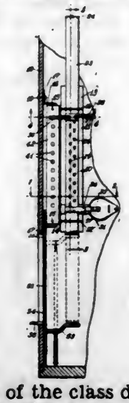
and stem to force the latter against said follower, and a quick-detachable connecting means between the stem and the bushing in retracted position of the stem, whereby upon removal of the bushing from the container, said spring may be maintained in compressed position and when the bushing is applied to the container be released to cause pressure against said follower.

2,060,298
ADJUSTABLE SEAT BACK CUSHION
Florence L. Gailey, Los Angeles, Calif.
Application October 17, 1934, Serial No. 748,629
2 Claims. (Cl. 155—182)



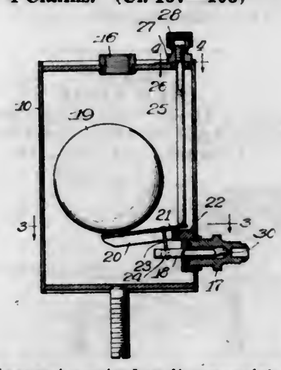
2. An adjustable seat back cushion, comprising a pair of straps having their upper portions bent to form hooks for engagement over the back of a chair or seat, said straps being provided with apertures, a back rest, hooks secured to and depending from the upper portion of said back rest, which hooks are adapted to be inserted through the apertures in said straps and to extend downwardly a substantial distance behind said straps and protective cushioning members of flexible material removably positioned on the depending portions of the hooks that are carried by said back rest.

2,060,299
ELECTRICAL STEP-UP DEVICE
Louis W. Gensburg, Chicago, Ill.
Application May 16, 1936, Serial No. 80,115
6 Claims. (Cl. 200—105)



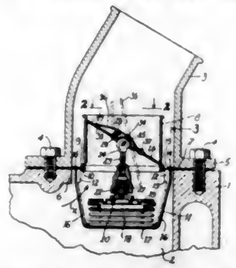
1. In a device of the class described comprising a supporting structure, a member supported by the structure for movement relative thereto and comprising a plurality of teeth disposed on opposite sides thereof in alternate relation with respect to each other, a non-conductive member supported by said structure in parallel relation with respect to the movable member, a plurality of contact members carried by said non-conductive member, a contact finger carried by said movable member and adapted to successively engage the contact members of said non-conductive member, a keeper member adapted to alternately engage the said teeth, and means for actuating said keeper plate to permit a step by step movement of said movable member in one direction relative to the supporting member and relative to the non-conductive member.

2,060,300
REFRIGERANT CONTROL
Harry Goldberg, Chicago, Ill.
Application November 11, 1935, Serial No. 49,160
4 Claims. (Cl. 137—103)



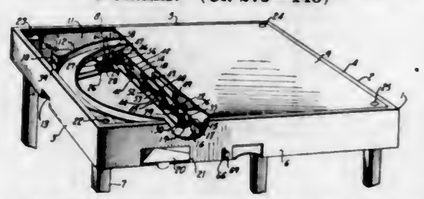
1. A refrigerant control unit comprising a float chamber, a refrigerant inlet in said chamber, a discharge valve extending from said chamber, a float in said chamber, operating connections between said float and said valve, a rod extending into said chamber and limiting the action of said float and valve, and means carried by said rod for forming a vent from said chamber without rendering the float and valve inoperative.

2,060,301
THERMOSTATICALLY OPERATED VALVE DEVICE
John E. Golob, Cleveland, Ohio, assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio, a corporation of Ohio
Original application October 12, 1933, Serial No. 693,301. Divided and this application April 19, 1934, Serial No. 721,328
8 Claims. (Cl. 236—34)



1. In a thermostatic valve mechanism, in combination, means providing a fluid flow passageway, a butterfly valve in the passageway supported to oscillate on a transverse axis to control flow through the passageway, the portion of the valve at one side of the axis being of greater area than the portion at the other side to cause the valve to tend to be opened by fluid approach pressure, the valve comprising a main part and a supplemental part hinged together on a second transverse axis, the two parts being movable together in unison to control flow, a spring carried wholly by the valve resisting separate hinging movement of the supplemental part, the supplemental part constituting part of the said large area valve portion and movable against the spring resistance in the valve opening direction at approach pressure above a predetermined maximum value, a stop opposing movement of the supplemental valve part in the other direction, the said spring being a leaf type spring secured to one valve part and bridging the hinged connection and yieldably engaging the other valve part, and a thermostat disposed at the aproach side of the passageway and having a movable portion pivotally connected to the valve main part to move it responsive to changes of fluid temperature.

2,060,302
CARD TABLE
Thomas L. Green, Oklahoma City, Okla.
Application April 20, 1933, Serial No. 667,007
5 Claims. (Cl. 273—148)

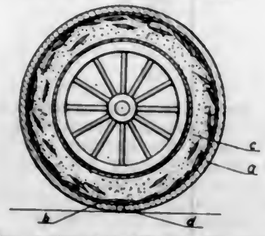


1. In combination with a card table provided with a mechanical card dealing mechanism and means for energizing the card dealing mechanism, a signal carried by the table, means mounted in the table and actuatable by said energizing means for controlling said signal for successive actuation, and means connected with said controlling means to render said controlling means ineffective.

2,060,303
TREATMENT OF VINYL TYPE MONOHALIDES
Herbert P. A. Groll, Oakland, and George Hearne, Berkeley, Calif.
No Drawing. Application March 19, 1934, Serial No. 716,330
16 Claims. (Cl. 260—156)

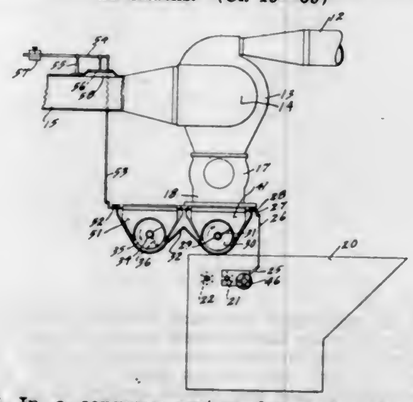
1. A process for the treatment of vinyl type monohalides which comprises effecting the reaction of a vinyl type monohalide wherein the nonhalogenated vinylic carbon atom is tertiary, with a halogen in the presence of water.

2,060,304
FILLER
Heinrich Grümmer, Rheinhausen-Hochemmerich, Germany
Application August 25, 1934, Serial No. 741,415
In Germany July 19, 1933
1 Claim. (Cl. 152—13)



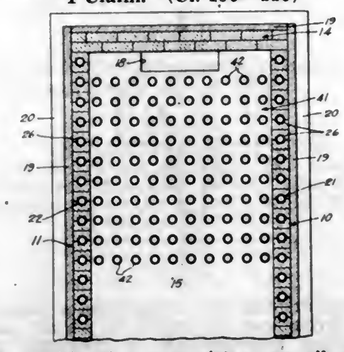
A filler for automatically sealing punctured pneumatic tires, comprising a plurality of lens-shaped elastic discs with sharp edges adapted to be drawn into and held in position above a puncture by the outward pressure of the air within the tire.

2,060,305
MECHANISM FOR THE CONTROL OF FEED TO COTTON EXTRACTORS
Clyde E. Hagler, Birmingham, Ala., assignor to Continental Gin Company, a corporation of Delaware
Application October 6, 1934, Serial No. 747,112
11 Claims. (Cl. 19—69)



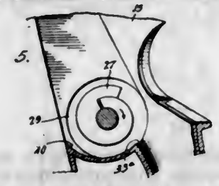
1. In a conveyor system for seed cotton, a pneumatic elevator, a preliminary extractor for hulls, bolls and trash having a distributor fed by said elevator, means to feed the cotton from said distributor into the extractor, a variable speed drive for said extractor feed means, valve means to interrupt the pneumatic feed to said distributor, and means responsive to the overflow of cotton from said distributor to accelerate the rate of feed to the extractor and to slow up the feed to said distributor.

2,060,306
TUBE STILL
William T. Hancock, Long Beach, Calif.
Application November 6, 1934, Serial No. 751,729
1 Claim. (Cl. 196—116)



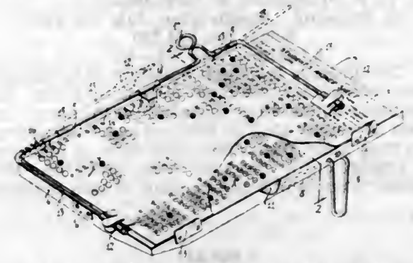
The combination comprising, an oil cracking still having walls forming a heating chamber, a plurality of oil cracking tubes contained within said chamber in direct exposure to hot gases rising therein from the bottom to the top of the chamber, separate banks of oil preheating tubes contained within the side walls of said chamber and unexposed to the hot gases, a supply line connecting with the lowermost tubes of said preheating tube banks, an outlet line connecting the uppermost tubes of said preheating tube banks with the cracking tubes, means in said outlet line for separating and drawing off vapors from the preheated oil, a pump in said line for discharging the preheated oil through the cracking tubes under high pressure, and means for independently controlling the pressures in said preheating and cracking tubes.

2,060,307
STOKER CONSTRUCTION
William Thompson Hanna, Cincinnati, Ohio
Original application April 5, 1929, Serial No. 352,760. Divided and this application August 1, 1930, Serial No. 472,347
6 Claims. (Cl. 110—101)



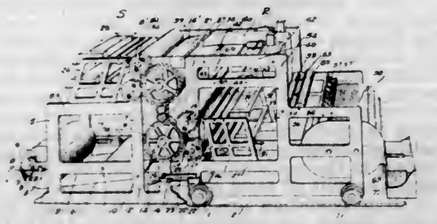
1. In a stoker mechanism, the combination with a fire box having a fuel entrance of a housing embracing the fuel entrance and formed to provide a ledge in the rear of the fire box opening to receive fuel delivered thereto, and a spiral vane rotatably mounted in the housing and extending over the ledge to break up the fuel delivered to the ledge and feed it to the fire box, the portion of the ledge remote from the fire box being curved to conform to the periphery of the spiral vane, and the portion of the ledge adjacent the fire box being curved eccentrically to the periphery of the spiral vane to facilitate the feeding of the fuel to the fire box, and means for delivering the fuel upwardly and over that portion of the ledge remote from the fire box.

2,060,308
EDUCATIONAL TEST CHECKING DEVICE
Samuel R. Harding, Aberdeen, S. Dak.
Application April 15, 1935, Serial No. 16,342
1 Claim. (Cl. 35—48)



In a device of the class described, a table having means for positioning thereon a stack of sheets each having indicia, a holder attached to the table for raising and lowering movements relative to the stack, and a sheet-like member having apertures, said member being held by the holder against relative movement and also being held thereby over the stack with its apertures in predetermined position to the indicia on the uppermost sheet in the stack, whereby if any of the indicia on said sheet is in registration with any of the apertures in said member, the same will be exposed therethrough, the sheets in the stack being free to be successively removed from the top of the stack without imparting movement to said member which would change the relative position of the apertures to the indicia on the underlying sheets in the stack.

2,060,309
MACHINE FOR MANUFACTURING STATIONERY
William L. Harriman, Oklahoma City, Okla., assignor of one-fourth to E. R. Morgan and one-fourth to A. J. Adams, both of Wichita, Kans., one-fourth to J. F. Compton, Allenville, Ala., and one-fourth to M. B. Schofield, Oklahoma City, Okla.
Application October 27, 1930, Serial No. 491,400
1 Claim. (Cl. 101—225)



In a printing press of the class described comprising a stationary frame, and a frame portably arranged to move to and from the first said frame, the stationary frame carrying a roll of paper, and means supporting the same, and adjusting means for each end of the supporting means for the roll of paper independent of each other to avoid breakage of the web of the roll of paper when excess tension is imposed thereon, a form roller carried by the portable frame in working relation to the web of the roll, ink dispensing rollers to engage with the form of the form roller, and an ink fountain to ink the rollers, and a conveyor for the web as printed.

2,060,310
PROCESS FOR THE PRODUCTION OF FERTILIZERS
Edward William Harvey, Highland Park, N. J., assignor to The Barrett Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application July 18, 1932, Serial No. 623,283
8 Claims. (Cl. 71—43)

1. The process for the production of a fertilizer which comprises treating a monocalcium acid phosphate-containing material with aqua ammonia of about 40% to 80% strength in amount such that more than about two mols of ammonia are available for reaction with every one mol. of water soluble phosphoric acid in said material.

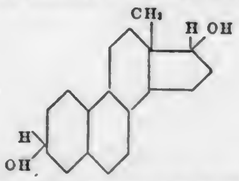
2,060,311
METHOD OF MAKING COLLOIDAL SULPHUR
Tadaichi Hashimoto, Tujunga, Calif., assignor to Chemical Products, Inc. of California, a corporation of Nevada
No Drawing. Application June 3, 1935, Serial No. 24,731
3 Claims. (Cl. 252—6)

1. The method of preparing colloidal sulphur which includes: acidifying an alkaline solution of a sulphide containing a protein which is dispersed in alkaline solution and coagulated in acid solution, thereby precipitating sulphur and protein as a coagulated mass in which the sulphur particles are of colloidal dimensions; filtering and washing the precipitate; and thereafter mixing the precipitate with an alkaline solution to disperse the protein and suspend the colloidal sulphur.

2,060,312
METHOD FOR THE PRODUCTION OF HYDROGENATION PRODUCTS OF THE FOLLICLE HORMONES
Friedrich Hildebrandt, Hohen Neuendorf, near Berlin, Germany, and Erwin Schwenk, New York, N. Y., assignors to Schering-Kahlbaum A. G., Berlin, Germany
No Drawing. Application October 21, 1933, Serial No. 694,688. In Germany October 27, 1932
5 Claims. (Cl. 260—153)

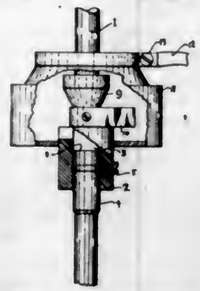
1. The method of producing hydrogenation products of the follicle hormones, having the general formula $C_{18}H_{30}O_2$ and containing two secondary alcohol groups in their molecule comprising causing the reduction products of the follicle hormones, having the general formula $C_{18}H_{24}O_2$ and containing one secondary alcohol and one phenol group in their molecule, to react with activated hydrogen under such conditions that the benzene nucleus in the molecule is hydrogenated while no oxygen is split off from said starting material.

3. Hydrogenation products of the follicle hormones having the general formula $C_{18}H_{30}O_2$ and the following general structural formula:



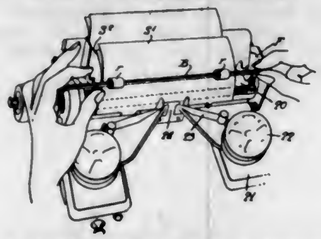
wherein the CHOH groups are most probably in the position shown and showing a pronounced effect in the capon comb test.

2,060,313
CHUCK FOR PAPER DRILLS
Harry S. Hill and Andrew C. Peterson, Portland, Oreg., assignors to Harry S. Hill Manufacturing Co., Portland, Oreg., a corporation of Oregon
Application February 25, 1935, Serial No. 8,074
1 Claim. (Cl. 164—86)



A paper drilling unit, comprising a paper drill hollow throughout its length to permit passage of cuttings therethrough, a rotatable chuck adapted to operatively engage the drill, an air-tight housing embracing said chuck and provided with an outlet, said chuck having an opening through its body, one end of the opening being in open communication with one of the hollow ends of the drill and the opposite end being in open communication with the interior of said housing, a horizontally disposed fan blade secured to said chuck adapted to agitate said cuttings and to discharge the same through the outlet of said housing by an air current generated by the rotation of said fan blade.

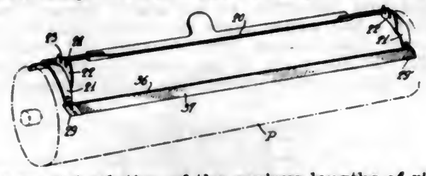
2,060,314
TYPEWRITER RIBBON DEVICE
Julius C. Hochman, New York, N. Y.
Application October 28, 1931, Serial No. 571,504
Renewed September 27, 1934
25 Claims. (Cl. 197—126)



1. In a typewriting machine, a separable ribbon carrier having alternative means adapted to be contacted by a movable portion of the typewriting machine which serves primarily for another purpose, such alternative means serving for positioning of the ribbon for exposure of alternative portions of its width to type impact.

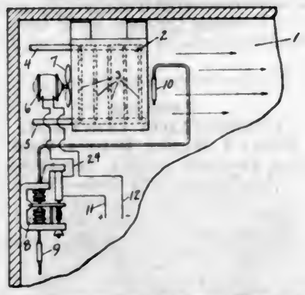
2,060,315
TYPEWRITER RIBBON ATTACHMENT
Julius C. Hochman, New York, N. Y.
Application January 30, 1932, Serial No. 589,819
32 Claims. (Cl. 197—153)

1. A multiple copy ribbon device comprising a support, a pair of multiple ribbon anchors at opposite ends of the support, ribbon lengths extending in a plurality of runs from one to the other of the anchors, said support and said anchors being constructed and arranged for varying



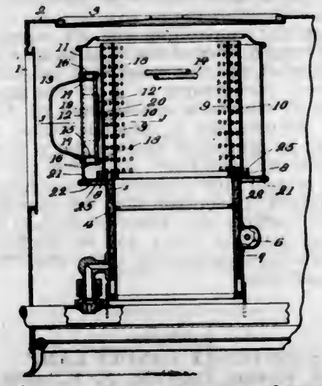
the spacial relation of the various lengths of ribbon without varying their tension.

2,060,316
REFRIGERATING SYSTEM
Anthony F. Hoesel, Chicago, Ill., assignor to Peerless Ice Machine Company, Chicago, Ill.
Application November 23, 1935, Serial No. 51,222
11 Claims. (Cl. 62—6)



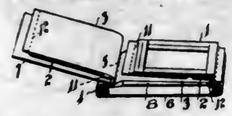
1. In a refrigerating system the combination of a cooling unit, means to circulate air through the cooling unit and means responsive to the temperature differential between the circulated air entering and the air leaving the cooling unit to control the air circulating means.

2,060,317
BURNER AND DRUM FOR BLUE FLAME OIL STOVES
Rudolph Hoffman, Rocky River, Ohio, assignor to American Stove Company, St. Louis, Mo., a corporation of New Jersey
Application April 18, 1934, Serial No. 721,231
2 Claims. (Cl. 158—88)



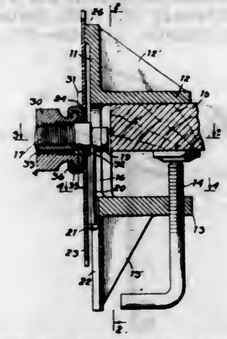
1. In a burner the combination of a pair of parallel vertically extending perforated combustion tubes, means located between their lower ends for producing a flame, a single vertically arranged drum surrounding the said tubes and spaced apart therefrom, said drum being provided with a vertically arranged opening, a flange surrounding said opening and narrower than the space between the said drum and the outer combustion tube and extending inwardly from the said opening, said flange having its outer edge located against the drum and its inner edge stopping at a point midway between the drum and the outer combustion tube, and a vertical transparent wall located against the inner edge of said flange and serving together with the said flange to form an imperforate inwardly extending housing.

2,060,318
MANIFOLDING UNIT
Louis Huffman, Toronto, Ontario, Canada, assignor to Toronto Type Foundry Company, Limited, Toronto, Ontario, Canada
Application January 11, 1933, Serial No. 651,099
8 Claims. (Cl. 282—9)



1. A manifolding unit comprising a record leaf; a transfer leaf connected to the bottom end of the record leaf and normally overlying the record leaf; a second record leaf normally overlying the transfer leaf and connected by one end to the upper end of the transfer leaf; and a translucent record leaf connected to the upper end of the second record leaf overlying the transfer leaf.

2,060,319
CIRCULAR SAW CLAMP
Joseph S. Hughes, Los Angeles, Calif.
Application May 15, 1933, Serial No. 671,122
7 Claims. (Cl. 76—79)

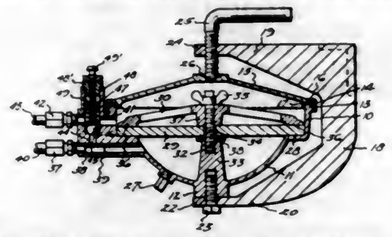


1. A device for holding a circle saw or the like embodying: a face plate having an elongated opening therein; means for supporting said face plate; a bolt slidably mounted in said elongated opening for supporting a saw or the like, a nut in threaded engagement with the outer end of said bolt; a washer on said nut for engaging said saw, and a pin mounted in said bolt adjacent said face plate, said pin having a head slidably engaging a groove in said face plate and adapted to be engaged by the face of a circle saw supported by said bolt.

2,060,320
OIL CLEANER
James B. Jarmin, Dallas, Tex.
Application June 4, 1934, Serial No. 728,946
2 Claims. (Cl. 210—165)

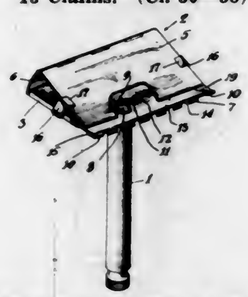
1. An oil cleaner including, a bowl having an annular seat and a rim above the seat, an oil

inlet in the wall of the bowl immediately below said seat and directed transversely of said bowl whereby a stream of oil under pressure may enter the bowl above and without disturbing deposits in the lower portion of the bowl, a circular fabric cleaning pad engaging in and extending across the bowl within its rim and having its margin overlying said seat immediately above the oil inlet, an axial support extending upwardly from the bottom of the bowl, said pad having its central portion resting on said support, a spider having its marginal portion engaging the margin



of the pad and its central portion engaging the center of the pad, the intermediate portion of said spider being above said pad, a fastening extending through the pad and connected with the support for securing the spider and confining the pad on the seat and support, the rim of the bowl having an oil outlet, a cover fitting on the rim of the bowl, a bracket for mounting the bowl and having a portion overhanging the cover, and means carried by the bracket for engaging the center of the cover, whereby the cover may be removed while the bowl is held by the bracket.

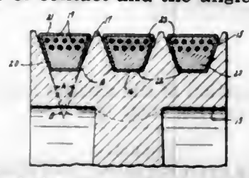
2,060,321
SAFETY RAZOR
Elmer E. Johnson, Jr., North Tarrytown, N. Y.
Application February 18, 1936, Serial No. 64,465
13 Claims. (Cl. 30—58)



1. A safety razor comprising a guard having a blade-seating face, a blade seated on said face, a clamping cap, at least one hinge-arm hinged to a back portion of said cap and to a back portion of said guard to form a double hinge-jointed structure, and restraining means having binding surfaces to restrict movement of said cap to reciprocation toward and away from said face whereby said blade may be clamped against said face by a front portion of said cap when the latter is slid forward over said blade.

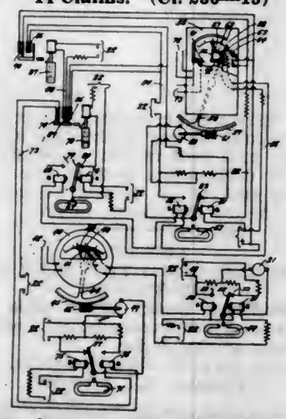
2,060,322
POWER TRANSMISSION MECHANISM
George W. Johnson, Cincinnati, Ohio, assignor, by mesne assignments, to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware
Application March 29, 1934, Serial No. 717,986
6 Claims. (Cl. 74—229)

6. Power transmission mechanism comprising in combination, a pulley having a peripheral wedge-shape groove, the side walls of said groove extending inwardly at an angle toward each other, a belt wedge shape in section lying in said groove, the inclined faces of said belt coacting with the side walls of the groove at their innermost point of contact and the angle between the



side walls of the groove being greater than the angle included between the inclined faces of the belt when the belt is in a substantially untensioned state, and said belt when subjected to tension being elastically expansible transversely of its length, in a manner to cause the side walls thereof to engage a greater area of the side walls of said groove.

2,060,323
COMBUSTION CONTROL
Henry J. Keeley, Denver, Colo.
Application January 2, 1934, Serial No. 705,035
14 Claims. (Cl. 236—15)

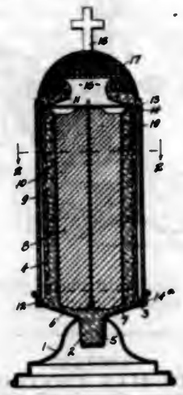


1. Means for controlling the air supply to a burner in consequence of the relation between the temperature of the flue gases and the CO_2 content thereof comprising: a first thermo-gauge connected to operate in consequence of the variations in temperature of said flue gases; a lever adapted to be moved by said gauge; a first contact carried by said lever; a second contact in the path of said first contact, said contacts being connected to control said air supply; and means for varying the position of said second contact so that the latter will be contacted at varying positions depending upon the CO_2 content of said gases.

2,060,324
SANCTUARY CANDLE LAMP
Edward J. Knapp, Syracuse, N. Y., assignor to Muench-Kreuzer Candle Company Inc., Syracuse, N. Y., a corporation of New York
Application June 7, 1932, Serial No. 615,852
10 Claims. (Cl. 240—13)

7. The combination with a candle lamp which includes a suitable base, a candle receptacle mounted on the base and formed with internal

heat conducting ribs, and means for causing heat to be confined about the receptacle, of a candle



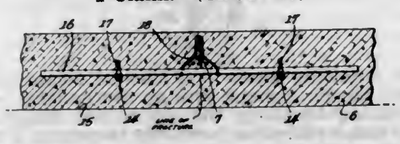
for fitting the receptacle and formed with grooves for fitting the ribs.

2,060,325
WINDSHIELD WIPER ARM AND DRIVE SHAFT ASSEMBLY
Frank Kritz, Detroit, Mich.
Application January 14, 1935, Serial No. 1,593
11 Claims. (Cl. 64—29)



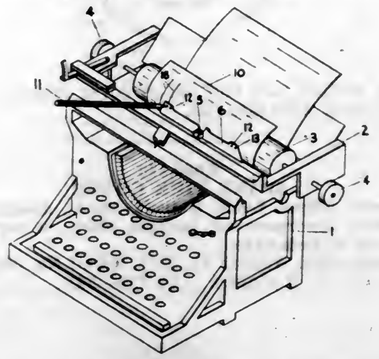
1. In combination a drive shaft having a notch in one side bounded by spaced shoulders, an arm having a tubular end portion and having a passage therethrough for receiving said shaft, a detent slidably mounted in said tubular end portion and registering with said passage, means for resiliently urging said detent towards said passage, and a releasable member on said tubular end portion for holding said detent in retracted position to accommodate insertion of said shaft into said passage.

2,060,326
LONGITUDINAL JOINT FOR CONCRETE PAVEMENTS
Ben H. Lampert, Oshkosh, Wis., assignor to Lampert & Lampert, Oshkosh, Wis., a corporation of Wisconsin
Application July 27, 1935, Serial No. 33,427
1 Claim. (Cl. 94—17)



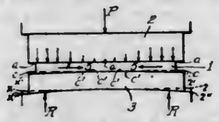
In a longitudinal joint for concrete pavements, the combination of a series of interconnected longitudinally extending sheet metal joint members, a support for said members including spaced tie bars, and clips having a bent portion engaging said members and hooked ends engageable with said bars for securing said joint members in vertically disposed position.

2,060,327
RULING AND LINING GUIDE FOR TYPEWRITERS
Earl E. Landis, Seattle, Wash.
Application March 2, 1935, Serial No. 9,077
10 Claims. (Cl. 197—113)



1. In combination with the frame, sliding carriage, and rotatable platen of a typewriter, a line and letter guide carried by the frame and disposed in front of work held upon the platen, said guide having a hole therein of a size to receive the tip of a pencil held by an operator, and located wholly beneath the printing line of the platen, whereby to draw straight transverse lines underscoring a line just typed on the work, by the reciprocation of the carriage, and straight longitudinal lines by the rotation of the platen, past a pencil so held.

2,060,328
METHOD OF REFORMING WORN RAIL JOINT BARS
George Langford, Joliet, Ill.
Application November 18, 1935, Serial No. 50,340
6 Claims. (Cl. 29—169.1)

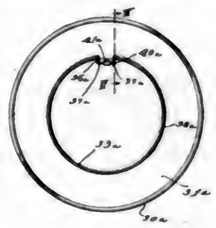


4. The method of reforming the centrally worn fishing surface of a rail joint bar, which comprises heating the bar to a working temperature and subjecting it to forming pressure, said forming pressure being first applied at the end portions of the bar and then extending to the center so as to effect a maximum displacement of metal at center to restore said centrally worn fishing surface.

2,060,329
TIRE COVER
George Albert Lyon, Detroit, Mich., assignor to Lyon Incorporated, Detroit, Mich., a corporation of Delaware
Application November 7, 1932, Serial No. 641,495
14 Claims. (Cl. 150—54)

1. In a cover for a spare tire disposed on a rim, side and tread portions for disposition over an

outer side wall and tread respectively of the tire and means for expanding and contracting said



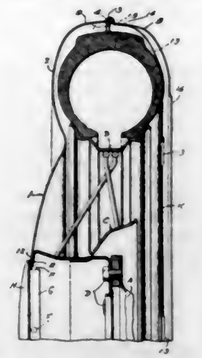
side portion into and out of cover retaining engagement with said rim.

2,060,330

SPARE TIRE COVER

George Albert Lyon, Detroit, Mich., assignor to Lyon Incorporated, Detroit, Mich., a corporation of Delaware

Application August 21, 1933, Serial No. 686,033
9 Claims. (Cl. 150—54)



1. A spare tire cover comprising arcuate complemental members formed to substantially cover and be disposed in spaced relation to the side walls and tread of a tire, said members having releasable interlockable margins arranged to interlock at substantially the median plane of the tire, one of said margins being resilient and abnormally contracted and within the other margin when interlocked, whereby said one margin exerts expansive pressure tending to hold said margins interlocked, and means associated with one of said members for supporting said members in said relation.

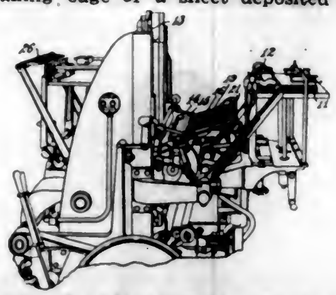
2,060,331

TRANSFER BOARD FOR VERTICAL PRESSES

William F. Matthews, La Fayette, Ind.

Application March 19, 1934, Serial No. 716,253
8 Claims. (Cl. 271—60)

1. For use in connection with a printing press embodying sheet-forwarding means, vertically-reciprocable impression means, and sheet-supply supporting means laterally spaced therefrom; a perforated vertically-reciprocable tilting transfer board interposed between the sheet forwarding means and the impression means, the upper face of said transfer board carrying an upward projection having a plane portion facing and parallel with the delivery edge of the board and spaceable therefrom to form an abutment engageable by the trailing edge of a sheet deposited on the



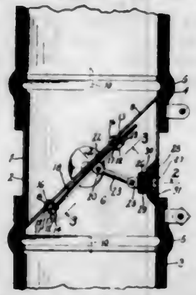
transfer board, and said plane portion being surmounted by a tapered portion.

2,060,332

THERMOSTATICALLY CONTROLLED VALVE

Edward Levy Mayo, Cleveland, Ohio, assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio, a corporation of Ohio

Application June 20, 1934, Serial No. 731,491
12 Claims. (Cl. 236—34)



1. In a thermostatically controlled valve construction, a tube providing a fluid passage, a valve element supported on the tube movable to control flow through the passage, a bimetal thermostatic element supported by spaced portions thereof upon the valve element and having an intermediate portion movable relative to the valve element responsive to temperature changes of the fluid and adapted to react upon the tube to correspondingly move the valve element.

2,060,333

SAFETY CATCH

Eugene Morehouse, Providence, R. I., assignor to B. A. Ballou & Co., Inc., a corporation of Rhode Island

Application May 17, 1935, Serial No. 21,994
5 Claims. (Cl. 24—156)



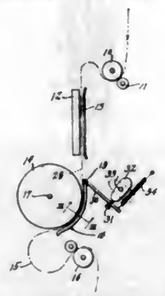
3. A holding device for a pinstem, comprising a catch having a shank with an overhanging hook extending forwardly therefrom, side flanges on said shank extending forwardly therefrom, a base having a fold connecting it to said shank, said side flanges having notches in their forward edges, and a lip at the forward edge of said base turned into said notches to prevent opening at said fold.

2,060,334

APPARATUS FOR INTERMITTENTLY ADVANCING STRIP FILM

Gabriel G. Moreno, Los Angeles, Calif., assignor, by direct and mesne assignments, to C M C Corporation, New York, N. Y., a corporation of Delaware

Application January 16, 1934, Serial No. 706,839
3 Claims. (Cl. 88—18)



1. A device for intermittently advancing strip film comprising a film-feeding means, an intermittently driven sprocket adapted to receive strip film from said film-feeding means, said sprocket having a peripheral speed appreciably in excess of normal linear speed of monochromatic film, and means for moving said film into and out of driving engagement with said intermittently driven sprocket during alternate periods of movement of said sprocket, said means comprising a shoe adapted to slidably engage edge portions of strip film, said shoe being pivoted at a point adjacent film travel from said film-feeding means to said intermittently driven sprocket, whereby said film is advanced a distance greater than a normal frame length during each period of film movement and is stationary for materially longer periods than normal monochromatic film.

2,060,335

PISTON VALVE PACKING

Henry E. Muchnic, Atchison, Kans., assignor to The Locomotive Finished Material Company, Atchison, Kans., a corporation of Kansas

Application January 24, 1934, Serial No. 708,079
2 Claims. (Cl. 309—29)



1. In a steam distribution valve the head portion whereof is provided with a ring-receiving channel, a packing ring assemblage in said channel consisting of a sectional ring and a one piece ring, the ring sections having laterally disposed portions, while the one piece ring is self-expansive and is disposed in a circumferential plane coincident with said laterally disposed portions whereby outward movement of the sectional ring is limited when the assemblage is removed from a cylinder, the relation between the ring sections and said one piece ring being such that the outer perimeters of the sectional ring and of the one piece ring will lie flush with the cylinder walls; and an expander located in said channel beneath the assemblage.

2,060,336

COMPOSITION OF MATTER CONTAINING VEGETABLE MUCINOUS EXTRACT FROM PLANTS

Harold B. Near and August J. Pacini, Evanston, and Raymond W. Crosley, Max M. Gerth, Frank T. Breidigam, and John D. Kelly, Chicago, Ill., assignors to Libby, McNeill & Libby, Chicago, Ill., a corporation of Maine

No Drawing. Application April 5, 1933, Serial No. 664,664
4 Claims. (Cl. 99—131)

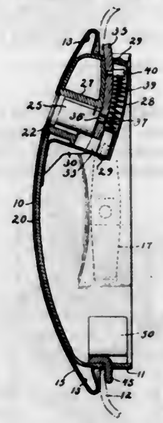
1. A composition of matter adapted for dispersion in water to form a gel comprising agar-agar and a mucinous or mucilaginous extract from psyllium seeds; said agar-agar serving to impart to said extract when dispersed in water, a consistency comparable to that of a gel produced from animal gelatin, and an acid for imparting thereto a pH favorable to the production therefrom of a stable gel when said composition is dispersed in water.

2,060,337

LOCKING DEVICE

Charles H. Nehls, Detroit, Mich., assignor to Eaton-Detroit Metal Company, Detroit, Mich., a corporation of Ohio

Application June 8, 1934, Serial No. 729,647
3 Claims. (Cl. 70—90)



1. In a locking cap having a substantially flat and circular flange portion and a cylindrical flange portion of lesser diameter projecting therefrom, locking means including a bolt slidable through the cylindrical flange portion and having an end portion movable during such sliding movement adjacent the circular flange portion, said bolt being curved out of the general plane of said flat flange portion, whereby said end portion is movable laterally toward and away from said flat flange portion during sliding movement of the bolt.

2,060,338

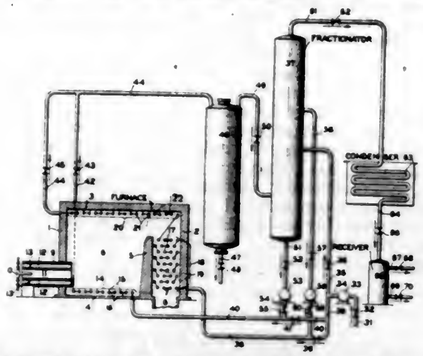
HEATING OF FLUID

Edwin F. Nelson, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Application October 23, 1933, Serial No. 694,709
1 Claim. (Cl. 196—116)

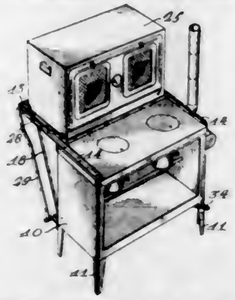
In the heating of hydrocarbon oils to conversion temperatures in furnaces having a radiant heat section and a convection heat section

receiving combustion gases from the radiant section, and the furnace fired adjacent the lower portion of the radiant heat section; the method which comprises passing a stream of relatively heavy oil at high velocity through a fluid conduit adjacent the floor of said radiant section and subjecting the same therein to high rates



of heating for a short period of time, and simultaneously passing a stream of lighter oil through a fluid conduit disposed partially in the convection section of the furnace and partially in the upper portion of said radiant section and subjecting the same therein to lower rates of heating for a more prolonged period of time.

2,060,339
COOKING STOVE
Omer Normand, Montreal, Quebec, Canada
Application January 20, 1936, Serial No. 59,885
2 Claims. (Cl. 126—19)



1. In a stove, a body having burners in the top, an oven supporting carriage, a frame upon which said carriage is adapted to move, depressible foot operable mechanism for horizontally shifting the carriage to dispose the oven over the burners, spring means for urging the carriage to dispose the oven at a position offset from the burners and retaining means for holding the foot mechanism depressed when the oven is to be disposed in position over the burners.

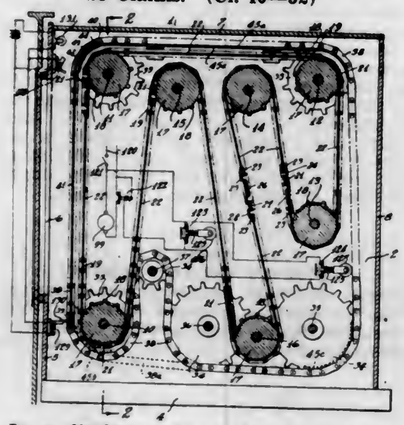
2,060,340
SPARK PLUG
Martin O'Marra, New York, N. Y.
Application December 31, 1934, Serial No. 759,978
In Luxembourg August 11, 1934
1 Claim. (Cl. 123—169)

A spark plug comprising a tubular metallic body having a spiral groove formed by a plurality of convolutions in the periphery thereof, a positive metallic electrode comprising an upper portion supported axially in the metallic body and insulated therefrom and having an axial bore in its lower end and a lower portion slidable firmly within the axial bore to hold it in any downwardly adjusted position, and a negative electrode formed



by a bendable metallic coil comprising a plurality of convolutions adapted to be screwed into the spiral groove of the body and to be bent at its lower end towards the positive electrode and rebent as the bent portion burns away to form the proper spark gap.

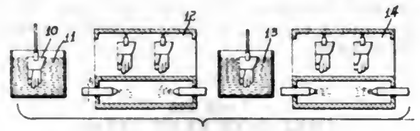
2,060,341
DISPLAY DEVICE
James O'Shea, Detroit, Frederick N. Ross, Grosse Pointe Park, and Earl M. Crosby, Royal Oak, Mich.; said Ross and said Crosby assignors to said O'Shea
Application February 4, 1935, Serial No. 4,888
23 Claims. (Cl. 40—32)



1. In a display device, a housing having an opening therein, a plurality of display panels, means for successively moving said panels opposite said opening, yieldable means opposing movement of said first named means when a panel is opposite said opening for holding said panels stationary when one is positioned opposite said opening for a predetermined time interval, a curtain, and means for moving said curtain in timed relation to said panels to cause said curtain to obstruct said opening during movement of said panels and to remove said curtain from said opening when said panels are stationary.

2,060,342
METHOD OF MAKING COATED FABRIC ARTICLES
Robert C. Palicki, Toledo, Ohio
Application April 4, 1935, Serial No. 14,670
1 Claim. (Cl. 91—68)

In the manufacture of work gloves the method of coating a textile fabric which consists in applying to the fabric a solution consisting of 60% pure rubber sap, 5% ammonia, 35% distilled

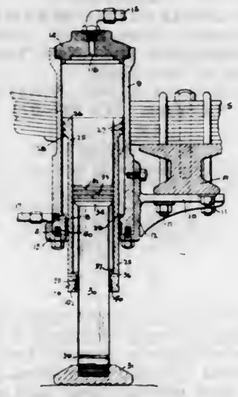


water, drying the solution, and then applying to the tacky coating a solution consisting of 94% wood alcohol and 6% shellac.

2,060,343
METHOD OF COATING FABRIC WORK GLOVES
Robert C. Palicki, Toledo, Ohio
No Drawing. Application July 10, 1935, Serial No. 30,748
2 Claims. (Cl. 91—68)

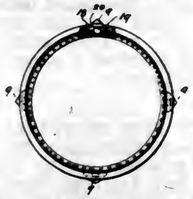
1. The method of producing rubber coated fabric work gloves which consists in dipping fabric gloves in a solution consisting of rubber as 60% latex, ammoniated casein, Kadox, butyl zimate, a wetting agent, caustic soda, sulphur and water, vulcanizing such coating, and then dipping the first coating in a solution consisting of powdered dry white shellac, borax and water.

2,060,344
AUTOMOBILE LIFTING MECHANISM
Lester C. Perkins, Spokane, Wash., assignor, by mesne assignments, to Quad Pneumatic Lift Company, Spokane, Wash., a corporation of New Jersey
Application July 17, 1934, Serial No. 735,604
1 Claim. (Cl. 121—46)



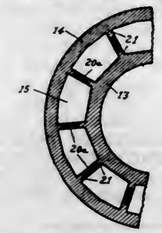
In an automobile lifting mechanism, the combination with an outer cylinder having an inner annular flange at its lower end and a resilient retaining ring seated in a groove in said flange, of a telescopic tubular plunger having an upper exterior flange forming a piston head and an exterior annular groove at its lower end, an inner annular flange at the lower end of the tubular plunger and a resilient retaining ring seated in a groove in said flange, a plunger bar slidable in the tubular plunger and having an annular exterior groove at its lower end for co-action with the last mentioned ring, and an enlarged piston head at the upper end of said bar.

2,060,345
JEWELRY
Charles H. Phillips, Richmond, Va., assignor to Fairway Real Estate Company, Incorporated, Richmond, Va.
Application June 2, 1936, Serial No. 83,035
4 Claims. (Cl. 63—15)



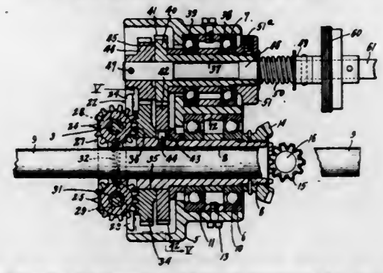
1. An article of jewelry, comprising an inner band, and an outer band mounted to lie loosely around the inner band, and in the same plane as the inner band, and having a short arc of contact with the inner band so that it may be whirled about the inner band.

2,060,346
TUYÈRE
Owen R. Rice, Chicago, Ill., assignor to Freyn Engineering Company, Chicago, Ill., a corporation of Maine
Original application October 22, 1934, Serial No. 749,371. Divided and this application May 2, 1935, Serial No. 19,431
4 Claims. (Cl. 266—41)



1. The method of making a casting having rigid blocks therein which consists of disposing said blocks in proximity to one another but spacing them apart with volatile solid material and casting the molten metal about said rigid blocks and said volatile solid material.

2,060,347
ARC LAMP
Elmer C. Richardson, Los Angeles, Calif., assignor to Mole-Richardson, Inc., Los Angeles, Calif., a corporation of California
Application August 31, 1935, Serial No. 38,749
8 Claims. (Cl. 176—51)



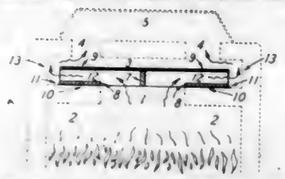
6. In an arc lamp, a pair of electrodes, a rotatable sleeve through which one of said electrodes projects, a pair of gear members carried by said

sleeve on diametrically opposite sides of said electrode for engaging said electrode, means mounting said gear means for rotation in the direction of the longitudinal axis of said electrode, a spur gear having a scroll gear on one of its faces, means mounting said scroll gear on said sleeve for rotation relative thereto, a gear fixed to said sleeve, and gearing interposed between said fixed gear and said scroll gear for continuously and non-intermittently rotating said scroll gear by rotation of said sleeve at a speed differing from the speed of said sleeve.

2,060,348
ATTACHMENT FOR HEATING APPARATUS

Arthur H. Senner, Baltimore, Md., dedicated to the free use of the Public

Application July 10, 1935, Serial No. 30,694
7 Claims. (Cl. 138—38)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

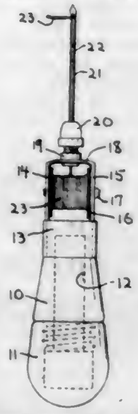


1. An attachment for combustion-type heating apparatus, comprising a base plate, a cover plate adapted to extend parallel to said base plate and spaced therefrom, a plurality of parallel spaced baffles formed integrally with said base plate and said cover plate, and adapted to extend perpendicularly thereto and with said baffles adapted to extend at one end beyond the end of said base plate, said cover plate adapted to extend substantially the entire length of said baffles, said extended portions of said baffles and the adjacent portion of said cover plate adapted to form a symmetrical wedge-shaped portion having an included angle between the converging sides thereof, which is adapted to form an aliquot portion of a circle.

2,060,349
COMBINATION SEWING AWL AND MARKER

Julius Severus, Downers Grove, Ill., assignor to C. A. Myers Company, Chicago, Ill., a corporation of Illinois

Application December 6, 1934, Serial No. 756,193
1 Claim. (Cl. 223—104)

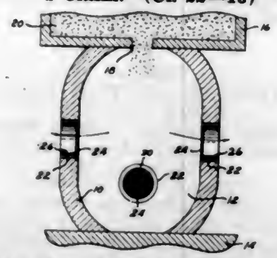


In a device of the type described, the combination of a chuck having an opening for the passage of a thread therethrough, a shank adapted to be secured in said chuck and having a groove longitudinally thereof providing for movement of the thread through the chuck alongside of the shank, and a toothed marker revolubly mounted on said shank.

2,060,350
CORE BOX VENT PLUG

Carl R. Siler, Dayton, Ohio

Application May 18, 1936, Serial No. 80,403
1 Claim. (Cl. 22—13)

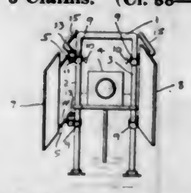


An air escape unit for use in forming structures from a granular substance supplied under pressure to a mold having an air escape hole drilled through a wall thereof, said unit including a cylindrical member having a uniform outer diameter provided with an annular groove adjacent one end thereof surrounded by a lip, and an annular screen member of noncorrosive material extending across the end of the cylindrical member so as to be seated in the annular groove and held in position by the lip crimped over the edge of the screen, which screen is positioned flush with the molding surface of the mold.

2,060,351
POSE-REFLECTING APPARATUS

Luther G. Simjian, New Haven, Conn., assignor to Noel Associates, Inc., New York, N. Y., a corporation of New York

Application October 9, 1931, Serial No. 567,802
3 Claims. (Cl. 88—97)

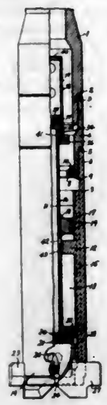


1. A pose reflecting mirror apparatus for cameras combining a frame including a vertical support, a mirror, a hinge support for said mirror on said vertical support permitting angular adjustment of said mirror about said vertical support, a slidable connection between said mirror and said hinge support to enable said mirror to be adjusted bodily toward and away from said vertical support, a manually operable handle secured to said mirror and extending to the rear thereof for ready adjustment of the mirror, and a pair of slidably engaging members arranged above said mirror so as not to obstruct the view thereof, one of said members being secured to said frame and the other to an upper portion of said mirror, and means for securing said members together at selected positions against sliding movement relative to each other to support said mirror in any corresponding selected angular position.

2,060,352
EXPANSIBLE BIT

John C. Stokes, Houston, Tex., assignor to Reed Roller Bit Company, Houston, Tex., a corporation of Texas

Application June 20, 1936, Serial No. 86,247
18 Claims. (Cl. 255—75)

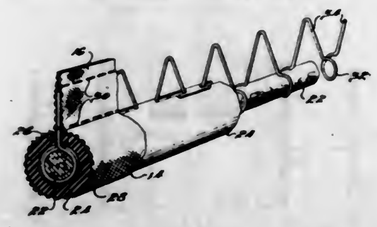


1. In an expansible drill, a drill head having a passageway therethrough, a plunger in said passageway, cutter blades at the lower end of said head and adapted to be moved into operative position by downward movement of said plunger, a piston on said plunger slidable within said passageway and adapted to be moved downwardly by downward circulation of fluid through said passageway, means releasably secured in position to initially prevent downwardly circulating fluid from acting upon the lower face of said piston, and means for releasing and moving said releasably secured means to permit downwardly circulating fluid to act on the lower face of said piston and to prevent such fluid from acting upon the upper face of said piston.

2,060,353
WEATHER STRIP

Clark A. Tea, Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware

Application March 27, 1936, Serial No. 71,124
2 Claims. (Cl. 20—69)

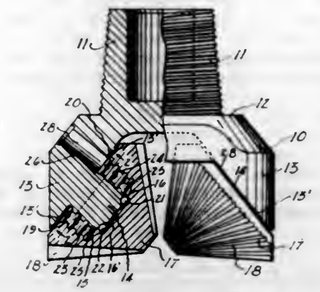


1. A weatherstrip comprising an elongated core of yielding material, a resilient wire having portions encircling said core alternating with laterally extending loops all of which are on the same side of said core, and a tubular resilient member surrounding said core and the wire portions encircling said core, said tubular member having a tortuous slot extending generally in a longitudinal direction for receiving the laterally extending loops of said wire, said loops forming an interlocking connection between the adjacent edges of the slot when in assembled position.

2,060,354
DRILL BIT

Feri A. Thaheld, Dallas, Tex., assignor to The Guiberson Corporation, Dallas, Tex., a corporation of Delaware

Application August 1, 1935, Serial No. 34,180
9 Claims. (Cl. 255—71)

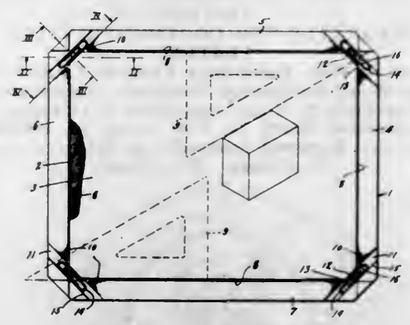


1. A drill bit including, a body, axles carried by the body, a conical cutter arranged to be mounted on each axle and having a bore for receiving the axle, and roundingly corrugated rollers located in the bore of each cutter and surrounding each axle for rotatably mounting each cutter and retaining it with thrust resistance on its axle.

2,060,355
DRAWING BOARD

Herbert E. Twomley, Riverside, Calif.

Application September 20, 1935, Serial No. 41,383
4 Claims. (Cl. 45—131)

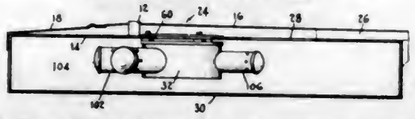


1. In a drawing board construction, a body member having a flat area constituting a plane paper-supporting surface, a border member extending along at least two of the adjacent sides of said surface area and projecting above the plane of said surface, the inner edges of said border members extending substantially perpendicularly to the plane of said surface to constitute guide edges along the sides of said surface for guiding drawing instruments over said surface, and means at the corner formed by said adjacent sides for camming an instrument out of abutting relation with one of said border members as it is guided along the adjacent border member.

2,060,356
PRODUCTION OF UNSATURATED HYDROCARBONS
Gustav Wietzel, Ludwigshafen-on-the-Rhine, and Georg Schiller, Mannheim, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application March 1, 1933, Serial No. 659,174. In Germany March 8, 1932
1 Claim. (Cl. 260—170)

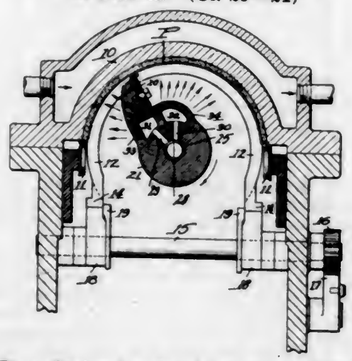
In the conversion of a saturated gaseous hydrocarbon into unsaturated hydrocarbons by heat-treatment at a temperature between 600° and 900° C. in the presence of steam, the step of heating the said saturated gaseous hydrocarbons together with steam to the said temperature in a space confined by a chromium steel containing less than 2 per cent of nickel.

2,060,357
MUSICAL INSTRUMENT
John Williams, Jersey City, N. J., assignor to Henry L. Burkitt, New York, N. Y.
Application February 10, 1933, Serial No. 656,068
36 Claims. (Cl. 84—296)



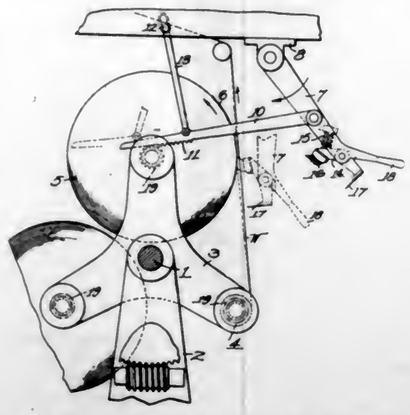
1. In a stringed musical instrument including: a body portion providing a sounding box for the vibrating strings of the instrument; a bridge carried by a wall of the body portion, the bridge transmitting the vibrations of the strings to that wall; and a resonator suspended within the body portion and from that wall, the resonator including a shell having an open end, the open end being positioned at an opening through that wall, and a tube opening into and extending away from the shell beneath and substantially parallel to that wall.

2,060,358
APPARATUS FOR COOLING PRINTING PLATES
Henry A. Wise Wood, New York, N. Y., assignor to Wood Newspaper Machinery Corporation, New York, N. Y., a corporation of Virginia
Application March 31, 1930, Serial No. 440,416
Renewed September 5, 1934
12 Claims. (Cl. 29—21)



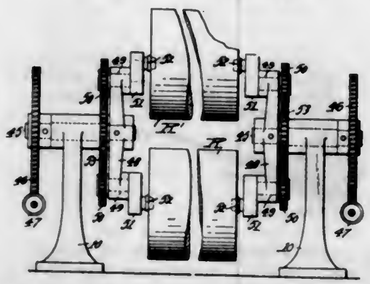
12. In a device for finishing curved stereotype printing plates, the combination of an arch, and radially acting means for pressing all printing surfaces of the plate firmly and simultaneously against the arch, with means for shaving the plate and for placing cooling fluid on the plate while it is so held.

2,060,359
WEB SPLICING DEVICE
Henry A. Wise Wood, New York, N. Y., assignor to Wood Newspaper Machinery Corporation, New York, N. Y., a corporation of Virginia
Application October 27, 1932, Serial No. 639,786
Renewed September 3, 1935
19 Claims. (Cl. 242—58)



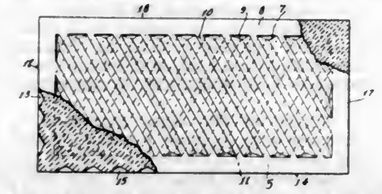
2. In a pasting device for the purpose described, the combination with a support for a fresh web roll and a movable frame for supporting a web pressing means, of means whereby, when the movable frame is moved into operative position to press the running web against the fresh roll, said fresh roll will be started into a motion of rotation for the purpose described.

2,060,360
WEB ROLL SUPPORT
Henry A. Wise Wood, New York, N. Y., assignor to Wood Newspaper Machinery Corporation, New York, N. Y., a corporation of Virginia
Original application February 25, 1932, Serial No. 595,059. Divided and this application December 5, 1933, Serial No. 700,966. Renewed March 16, 1936
6 Claims. (Cl. 242—64)



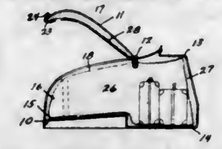
1. In a support for web rolls, the combination of a reel adapted to turn on an axis, means on the reel for supporting a web roll, and means for swinging the web roll about an axis at a distance from the axis of the reel and rotatable therewith as the reel rotates, for the purpose described.

2,060,361
BRICK
Ototaro N. Yama Moto, Gardena, Calif.
Application November 17, 1934, Serial No. 753,436
7 Claims. (Cl. 72—37)



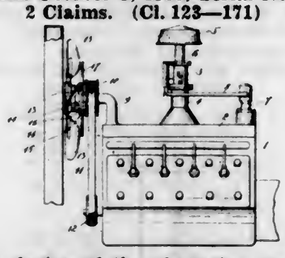
1. A load-supporting wall composed of bricks laid in a plurality of substantially horizontal rows, said bricks having transverse grooves on their horizontal faces extending in a direction inclined to the longitudinal axes of the bricks with mortar laid between said rows of bricks and extending into said grooves.

2,060,362
DUSTPROOF LUGGAGE CARRIER FOR AUTOMOBILES
John T. Zurcher, Tripp, S. Dak.
Application October 29, 1934, Serial No. 750,518
2 Claims. (Cl. 296—1)



1. In combination with an automobile coupé rear portion and rumble seat, a pliable bag adapted to be received within and enclose the rear interior thereof, and means for opening the bag including an integral hinged flap including slide fastener connecting means about the opening perimeter thereof, said flap being hinged about the upper back of the rumble seat, said flap being hinged at one side of the rumble seat to allow rolling of the flap to one side thereof.

2,060,363
MOTOR COOLING MEANS
Edward H. Baker, Belmont, Mass.
Application October 9, 1933, Serial No. 692,817
2 Claims. (Cl. 123—171)



1. In a device of the character specified the combination with a motor, having a gasoline intake system and a carburetor in the upper part thereof, and a water cooling radiator, of a fan, located between said motor and said radiator, and a baffle plate mounted in close proximity to said fan, said baffle plate being so constructed and arranged that it will spread the blast of air from said fan divergently and directly from all parts of the periphery of said baffle plate into the outer atmosphere surrounding said motor in such manner that said blast of air shall not impinge upon the upper part of said motor and shall not contact the gasoline intake system and carburetor thereof.

2,060,364
HEAT DISTRIBUTOR
Lucius Foster Chase, Los Angeles, Calif.
Application October 13, 1934, Serial No. 748,208
2 Claims. (Cl. 98—40)



2. An air or gas distributing device comprising a pair of interfitting relatively rotatable tubular elements, means closing corresponding ends of said elements, each element having openings therein arranged to be alined with and disalined from the openings in the other element by relative rotation of said elements, deflector plates extending into the innermost tubular element from the outer ends of the openings in said innermost tubular element as regards the direction of flow of air or gas through said innermost tubular element, and other deflector plates extending outwardly from the outer ends of the openings in the outermost tubular element.

2,060,365
OXALATE COATING ON NONFERROUS METAL
Leo P. Curtin, Cranbury, N. J., assignor to Curtin-Howe Corporation, New York, N. Y., a corporation of New York
No Drawing. Application January 31, 1933, Serial No. 654,551
3 Claims. (Cl. 148—6)

1. The process of coating a non-ferrous metal of the class consisting of zinc, aluminum, magnesium and lead, which comprises exposing a surface of the metal to the action of an aqueous solution containing from 1 to 10 per cent of ferric oxalate, until a coating of the desired thickness is formed thereon.

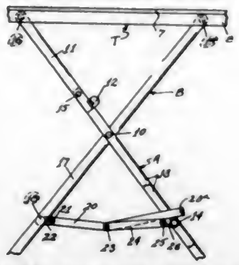
2,060,366
ANIMAL CATCHER
John A. Dunlap, Moberly, Mo., assignor of forty-nine per cent to Carson Ray Lilly, Moberly, Mo.
Application October 18, 1935, Serial No. 45,677
3 Claims. (Cl. 119—154)



3. A device of the class described comprising a body, a spreader in the lower end of the body, a

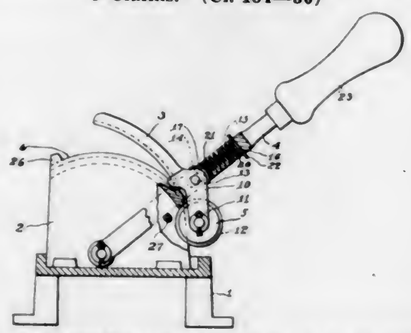
plunger slidable longitudinally in the body and rotatable therein at the will of an operator, jaws disposed on opposite sides of the spreader and having inwardly extended lower ends, and means for pivoting the upper ends of the jaws so loosely to the lower end of the plunger that when the plunger is rotated, the jaws will be reversed edge for edge with respect to the spreader, the lower ends of the jaws then extending outwardly instead of inwardly.

2,060,367
FOLDING TABLE
Cornell Flagstad, Minneapolis, Minn.
Application February 23, 1935, Serial No. 7,759
5 Claims. (Cl. 311—83)



1. A collapsible structure comprising a top member normally disposed in a horizontal plane, a pair of cross bars secured under the top member and at opposite sides of the center thereof, a pair of intersecting leg frames for supporting the top member and each including transversely connected side bars, one of said frames being jointed below the top member and above the point of leg frame intersection for breaking movement inwardly from the normal erected position of such frame to effect the collapsing action, the side bars of the said frame above the joint being pivotally attached directly to said cross bars of the top member, the side bars of the other frame being pivotally attached at their upper ends to the cross bars of the top member and thence curving inwardly to pass within the side bars of the other frame at the point of leg frame intersection, to thereby cause the upper ends of the frame bars to move into nested positions and in substantially a common plane adjacent the back middle part of the top member when the structure is collapsed.

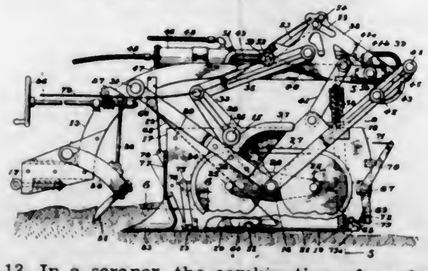
2,060,368
CRIMPING MACHINE
Otto Ganio, New York, N. Y.
Application September 12, 1935, Serial No. 40,316
9 Claims. (Cl. 154—30)



1. In a device of the class described, a bed plate, the upper face of said bed plate being curved and provided with corrugations, a presser arm provided with corrugations to match the corrugations of the bed plate adapted to close on said bed plate and to slide therealong in the direction of said corrugations, a roller journalled at the rear end of said presser arm, said roller tracking after the presser arm to engage said bed plate provided on its periphery with corrugations to match the corrugations on said bed plate, and a lever pivoted to said bed plate for actuating said presser arm.

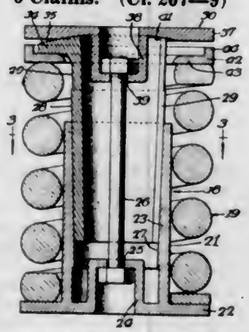
7. In a device of the class described, a bed plate, a presser arm, a lever pivoted to said bed plate, said presser arm having a pivotal connection with said lever to close upon said bed plate, a roller at the rear end of said presser arm, said roller tracking after the presser arm and adapted to be engaged by said bed plate to rock said presser arm upon said pivotal connection to close said presser arm upon said bed plate.

2,060,369
SCRAPER
Emery T. Gove, Oakland, Calif.
Application July 30, 1934, Serial No. 737,745
14 Claims. (Cl. 37—133)



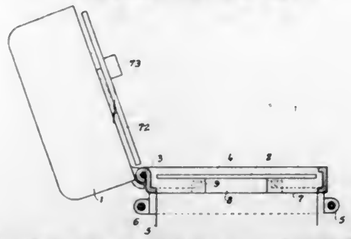
13. In a scraper, the combination of: a draft frame, a carriage adapted to support the frame on the ground, a bowl mounted on the carriage, means connecting the carriage with the frame, and means including a crank lever forming a connection between the frame, bowl and carriage for varying their relative positions with respect to the ground.

2,060,370
BOLSTER SUPPORTING MECHANISM
Marchand B. Hall, Chicago, Ill., assignor to Cardwell-Westinghouse Company, Chicago, Ill., a corporation of Delaware
Application May 1, 1933, Serial No. 668,684
6 Claims. (Cl. 267—9)



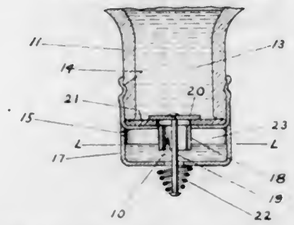
6. A resilient supporting unit for railway trucks comprising a pair of cylindrical telescoping friction members, one of said members being tapered, one of said members having a unitary head with a convex outer surface, a flange associated with the other member, and a spring encircling said telescopic members between said flange and head, and a cap member having a curved bearing surface for engaging said convex surface for forming therewith a ball and socket joint, and means for limiting the expansion of said unit and for seating said bearing surface on said convex surface during the operation of the unit.

2,060,371
SELECTING AND CALLING DEVICE FOR AUTOMATIC TELEPHONE APPARATUS
Carl Josef Hilgers, Wuppertal-Barmen, Germany
Application March 24, 1933, Serial No. 662,594
In Germany January 28, 1932
18 Claims. (Cl. 179—90)



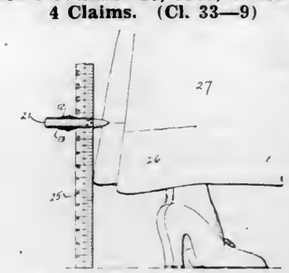
1. A device for facilitating correct dialling of automatic telephone apparatus comprising in combination: means for selecting at will and visibly indicating particulars of a proposed call; means for automatically driving the dial of an automatic telephone apparatus in accordance with the selected set of particulars, controlled by said first mentioned means; and a casing enclosing the complete device and provided with means for fixing said casing to the neck portion of the socket of an existing automatic telephone apparatus.

2,060,372
OIL BOTTLE SILENCER CAP
Frederick J. Hitchcock, Danvers, and George G. Perkins, Lynn, Mass.
Application June 12, 1934, Serial No. 730,272
2 Claims. (Cl. 137—68)



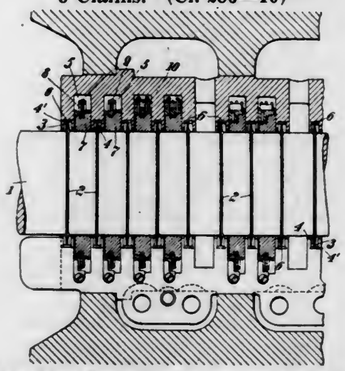
1. A vacuum reservoir silencing device the combination of a cylindrical shell shaped body, said body having an air-tight upper end with a comparatively large inlet hole in the center and having an enclosed bottom end with a comparatively large outlet hole in the center and a comparatively small porthole situated in its sidewall; a pipe extending downward from said hole in said upper end and having an aperture in its side, said aperture being somewhat lower than the small porthole in the sidewall of the said shell shaped body; a valve device including a valve part adapted to close the opening through said pipe and having a stem protruding downward below the bottom of said shell shaped body, said stem being expanded at its lower end; a coiled spring interposed between the expanded end of said valve stem and the enclosed bottom end of said shell shaped body; a main liquid supply vessel whose only outlet is at the bottom, said outlet being hermetically sealed to the top end of said shell shaped body; a trap vessel for holding a body of liquid that is delivered by gravity into said trap vessel from said main liquid supply vessel and whose contents serve to normally close said outlet to the escape of liquid and to the entrance of air, said trap vessel cooperating with said shell shaped body and acting as a support and whose liquid contents is maintained to the height of said aperture in said pipe; means operable to empty said trap vessel of its liquid contents so that when the liquid in the trap vessel falls below the aperture in the pipe, air will enter the comparatively small porthole and enter the main liquid supply vessel through the aperture in the pipe.

2,060,373
SKIRT MARKER
Barbara Holtz, Cleveland, Ohio
Application November 18, 1935, Serial No. 50,269
4 Claims. (Cl. 33—9)



1. In a skirt marker, the combination with a measuring stick, of a chalk holder adjustable along the stick and comprising spring-pressed jaws clamping the stick and chalk against each other at the desired position.

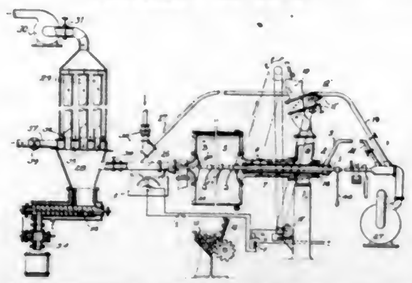
2,060,374
PACKING FOR THE SHAFTS OF HIGH-PRESSURE STEAM TURBINES
Gustav Huhn, Berlin-Tempelhof, Germany
Application February 9, 1935, Serial No. 5,836
In Germany November 18, 1933
5 Claims. (Cl. 286—10)



1. A packing for a high pressure variable temperature steam turbine having a rotary shaft and a fixed casing surrounding said shaft; said pack-

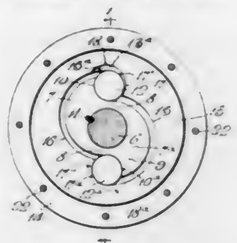
ing comprising spring-pressed carbon rings and graphite-carbon insertions, both secured in said casing and encircling the shaft, annular ribs rigidly connected with the shaft and having sharp circular outer edges contacting with said graphite-carbon insertions, said ribs consisting of a metal having a coefficient of heat-expansion similar to the shaft, the inner diameter of said spring-pressed carbon rings being equal to the diameter of the shaft at maximum temperature, the packing at low temperature being effected through the medium of said graphite-carbon insertions and said sharp edges of said ribs.

2,060,375
MAKING LEAD POWDER
Lyuho S. Ishimura, Kamikyo-Ku, Kyoto, Japan
Application November 3, 1931, Serial No. 572,857
13 Claims. (Cl. 83—9)



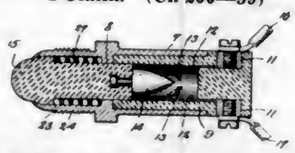
8. A pulverizing mill comprising a cylindrical vessel, a feed hopper leading to said vessel, a motor operated feeding device for feeding material to the hopper, a valve in the hopper to cut off the feed, means operatively connecting said motor and valve and means controlled by the heat generated in the mill to control the motor that operates the feed and said valves.

2,060,376
ONE-WAY CLUTCH
William A. Jex, Somerville, Mass.
Application December 2, 1935, Serial No. 52,601
3 Claims. (Cl. 192—45)



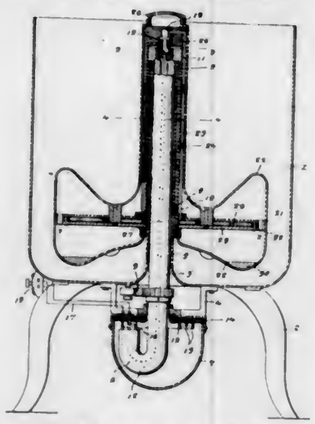
1. In a one-way clutch, a shaft, a circular wall concentric with said shaft, said wall and shaft being relatively rotatable, at least two rings encircling said shaft and disposed side by side between said wall and shaft, said rings being free of frictional engagement with said wall until forced diametrically in opposite directions, and two rollers at opposite sides of said shaft and disposed between said shaft and said rings, said shaft and rings being provided with oppositely pitched cams contacting with said rollers, said cams and rollers being operative to diametrically force said rings in said opposite directions into tight frictional engagement with said wall upon fractional relative rotation of said rings and shaft in one direction.

2,060,377
MOTOR VEHICLE REAR END SPOTLIGHT SWITCH
Glenn D. Knodle, Bozeman, Mont.
Application August 1, 1933, Serial No. 683,216
1 Claim. (Cl. 200—59)



A switch adapted to be secured in one wall of a transmission housing, comprising a tubular casing, and an annular internal rib formed on the casing, an external annular rib formed on the casing, a plunger having a rounded outer end mounted within the casing and extending beyond one end of the casing, one end of the casing being extended inwardly contacting with the rounded end of the plunger and restricting outward movement of the plunger, an annular shoulder formed on the plunger, a coiled spring disposed between the internal annular rib of the housing and annular shoulder of the plunger, normally urging the plunger outwardly, contact members within the casing, a cone-shaped contact member on the inner end of the plunger and adapted to move into engagement with the contact members, completing a circuit, and threads on said casing to be fitted in a threaded opening of the transmission casing, securing the switch in position.

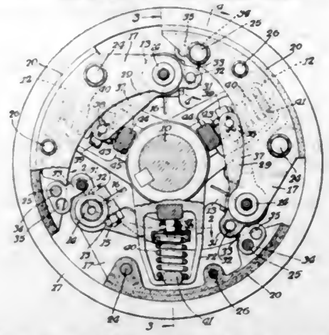
2,060,378
ELECTRICALLY HEATED AGITATOR
John C. Meek, Portage, Pa.
Application May 2, 1936, Serial No. 77,605
3 Claims. (Cl. 219—38)



1. In combination with a container having a sleeve opening outwardly through the bottom thereof, a journal carried by the container, a propeller shaft rotatably supported by the journal and extending through the sleeve and having one end bent to form a goose neck, a casing carried by said journal and having the goose neck confined therein, an agitator journaled on the sleeve and secured to the shaft, an electrical heating element mounted in the agitator, conductors extending through the shaft and insulated therefrom, means connecting the conductors to the heating element, annular contacts mounted in said casing and engaged by the conductors, and

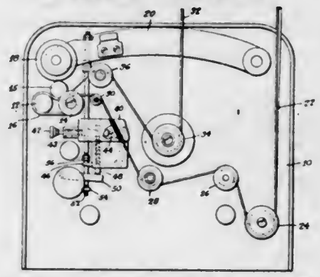
an electrical switch electrically connected to said contacts and adapted to be electrically connected to an electrical output.

2,060,379
CLUTCH
William J. Pearmain, Racine, Wis., assignor to Twin Disc Clutch Company, Racine, Wis., a corporation of Wisconsin
Application September 10, 1931, Serial No. 562,014
17 Claims. (Cl. 192—75)



1. In a clutch of the internally expanding type having a drum constituting a friction part, the combination of a hub having a plurality of spring cages and pivot pins alternately disposed therearound, a friction shoe and a lever swingably mounted on each of said pins, one arm of each of said levers being connected to that shoe which is mounted on an adjacent pivot pin, a spring carried by each cage for actuating the other lever arm to maintain the connected shoe in contact with said drum, and means for simultaneously actuating all of said levers to withdraw said shoes from contacting position.

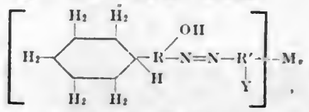
2,060,380
WINDING MACHINE
Arthur F. Pym, Beach Bluff, Mass., assignor to Sibley-Pym Corporation, Lynn, Mass., a corporation of Massachusetts
Application August 24, 1934, Serial No. 741,248
14 Claims. (Cl. 242—3)



1. A machine for winding cores of elastic thread, comprising means for rotating a core, guides for directing an elastic thread thereto, a pivoted measuring arm having a roller arranged to run on the periphery of the core as wound, a spring actuated knife movable in a path transverse to the path of the thread, connections between said measuring arm and knife for tripping the knife while the measuring arm is being moved in one direction and for resetting the knife while being moved in the other direction.

2,060,381
METALLIFEROUS HYDROXYAZO DYES AND THEIR PRODUCTION
Hermann Schladebach, Dessau in Anhalt, and Herbert Hähle, Dessau-Ziebigk in Anhalt, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application December 13, 1934, Serial No. 757,400. In Germany December 13, 1933
12 Claims. (Cl. 260—11)

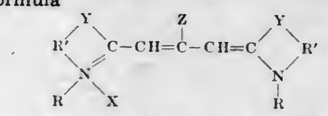
1. The metal complex compounds of dyes corresponding to the general formula



wherein R is a radicle of the benzene series, R' is an aromatic radicle, Y means a metal complex forming substituent of the group consisting of OH and NH_2 and stands in ortho-position to the azo bridge and Me means a metal of the group consisting of cobalt, chromium, copper and iron, said dyes being insoluble in water, but readily soluble in organic solvents.

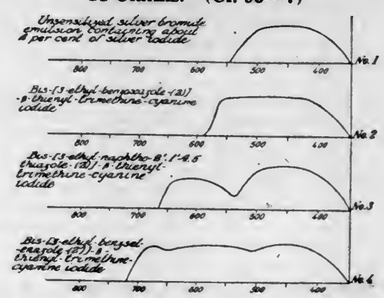
2,060,382
TRIMETHINE-CYANINE DYES
Wilhelm Schneider, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
No Drawing. Application March 16, 1933, Serial No. 661,185. In Germany March 18, 1932
8 Claims. (Cl. 260—44)

8. A trimethine-cyanine salt corresponding with the formula



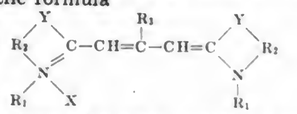
wherein Z stands for a thienyl, R stands for alkyl, R' stands for a member of the group consisting of phenylene and naphthylene, Y stands for a member of the group consisting of oxygen, sulfur and selenium and X stands for an anion capable of precipitating the dye.

2,060,383
SENSITIZED SILVER HALIDE EMULSIONS
Wilhelm Schneider, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
Application March 16, 1933, Serial No. 661,187
In Germany March 18, 1932
11 Claims. (Cl. 95—7)



1. A photographic material comprising a silver

halide emulsion containing a dyestuff corresponding with the formula

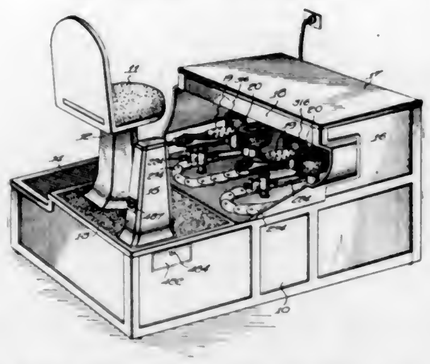


wherein R_1 stands for alkyl or aryl, R_2 stands for vinylene, phenylene or naphthylene, R_3 stands for a thienyl group, Y in both cases stands for either



oxygen, sulfur or selenium and X stands for a dye precipitating anion.

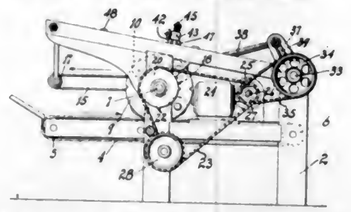
2,060,384
AUTOMATIC SHOE POLISHING MACHINE
Harry T. Shearer, Waynesboro, Pa., assignor to Automatic Machine Manufacturing Company, Baltimore, Md., a corporation of Delaware
Application March 27, 1934, Serial No. 717,637
21 Claims. (Cl. 15—35)



1. Shoe polishing apparatus comprising a traveling brush unit, means for guiding said unit for movement in an orbital path around a shoe, and power means for effecting successive cyclic movements of said unit around its path, said unit comprising a polishing brush in constant engagement with the shoe, a polish-applying brush, means for supplying polish to said latter brush, and common control means for said last named means and said polish-applying brush for supplying polish to said latter brush, effecting movement of said latter brush into engagement with the shoe, holding it in such position for at least one cyclic movement of said unit and then moving it out of engagement with the shoe prior to the completion of said cycles of operation of said unit.

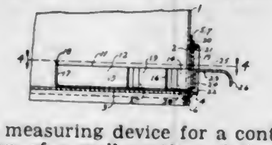
18. In a shoe polishing apparatus, a polishing unit comprising a polish-applying brush and a polishing brush movable in engagement with a shoe, a polish reservoir having a relatively movable portion, means for transferring polish from said reservoir to said polish-applying brush, a power source for operating said polishing unit, means operative prior to the complete emptying of the reservoir for transmitting movement to the relatively movable portion of said reservoir, and means operative upon movement of such relatively movable portion for preventing operation of said power source.

2,060,385
PRINTING MACHINE FOR IMPENETRABLE SURFACES
Frederick Shurley and Queenie Halford Shurley, Huntington Park, Calif.
Application June 28, 1935, Serial No. 28,886
15 Claims. (Cl. 101—124)



1. A printing machine for articles having an impenetrable surface, comprising a pair of spaced discs, means intermittently rotating said discs, gripping means on the discs adapted and arranged to hold the articles, a printing frame adjacent the top of the discs, said discs carrying the articles into engagement with the printing frame, whereby an imprint is made on the articles, and means releasing said gripping means after said articles have been printed, the imprint on the article being made while the discs are stationary.

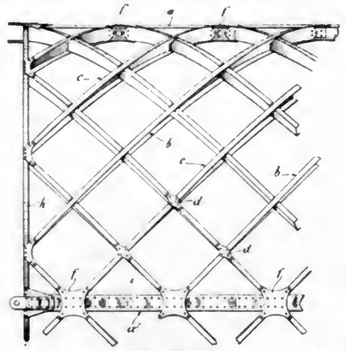
2,060,386
MEASURING DEVICE FOR CONTAINERS
Helen Stargardt, Detroit, Mich.
Application September 12, 1935, Serial No. 40,219
21 Claims. (Cl. 221—105)



13. In a measuring device for a container, the combination of a wall portion of the container provided with an opening, a housing member having a flange secured to said wall portion around said opening thereof, a disk member rotatably mounted between said wall portion and said flange, a measuring member mounted in said disk member to move axially thereof, and means for retaining said measuring member in said housing member.

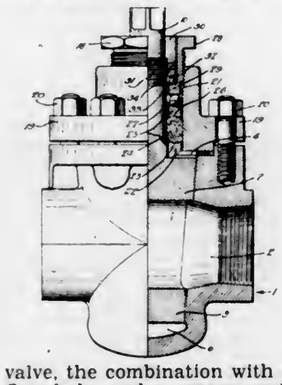
2,060,387
AIRCRAFT BODY STRUCTURE
Barnes Neville Wallis, Weybridge, England, assignor to Vickers (Aviation) Limited, Weybridge Surrey, England
Application January 20, 1936, Serial No. 59,982
In Great Britain February 27, 1935
5 Claims. (Cl. 244—30)

1. An aircraft body structure comprising, in combination, longitudinal members, two series of geodetic members shaped to the contour of the body and of greater depth than width, said geodetic members being arranged in geodetic lines obliquely intersecting the longitudinal members and each other and being twisted about their neutral axes so that their depth is normal to the contour at all points, the geodetic members in both series being continuous from one longitudinal member to the next longitudinal member and having recesses at each point of intersection whereby the geodetic members in the two series can fit into each other and bridging members extending longitudinally of each geodetic member at each point of intersection, bridging the recess therein and interconnecting the edge of the said geodetic member at one side of the recess to the



edge on the opposite side of the recess and also connecting these edges to the uninterrupted edge of a geodetic member in the other series.

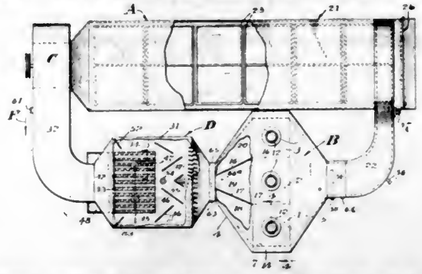
2,060,388
VALVE
Benjamin B. Whittle, Oklahoma City, Okla.; Lessie F. Whittle executrix of will of said Benjamin B. Whittle, deceased
Application August 12, 1933, Serial No. 684,803
4 Claims. (Cl. 251—97)



1. In a valve, the combination with a housing having a flow hole, and a core mounted in the housing and adapted upon its movement to open and close the flow hole, said core having an actuating stem, of a cap for the housing surrounding the stem, a packing seating ring around the stem, a packing element upon the ring, a race member upon the element, balls upon the race member, a jamb-nut engaged by the cap and compressible upon the balls, said nut having a bore surrounding the stem the outer portion of which is considerably greater in diameter than the diameter of the stem, balls around the stem and upon the lower portion of the nut, and a second jamb-nut engaged by the stem and compressible upon the last mentioned balls.

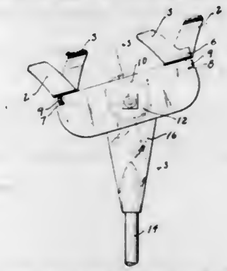
2,060,389
METHOD AND APPARATUS FOR DRYING ORGANIC SUBSTANCES
Arthur E. Wigelsworth, Los Angeles, Calif.
Application October 7, 1935, Serial No. 43,952
2 Claims. (Cl. 34—3)

1. The method of drying organic materials, which comprises: passing a heated gaseous drying medium in contact with such materials in an enclosed drying chamber to evaporate liquid therefrom; removing said drying medium together with evolved vapor from said chamber; subjecting a portion of such removed drying medium to a cooling operation to separate liquid therefrom by condensation of a portion of such



vapor; recombining such cooled portion of drying medium with the remainder of such removed drying medium under conditions of turbulence; re-heating such recombined drying medium; and recirculating the re-heated drying medium in contact with said materials to evaporate a further quantity of liquid therefrom.

2,060,390
HOSE SUPPORT
Edwin G. Adams, The Dalles, Oreg.
Application November 2, 1935, Serial No. 48,032
2 Claims. (Cl. 248—88)



1. In a hose support, a stand, a pair of alike elongated plates, a pair of curved ears projecting upwardly from each plate, means for mounting the plates in operative cooperation with one another, said ears being obliquely arranged with regard to their plates so that the ears of one plate incline in one direction and the ears of the other in the opposite direction, and the inclination of the ears serving to provide a space for the introduction of a hose to be held between the ears of one plate and the ears of the other plate.

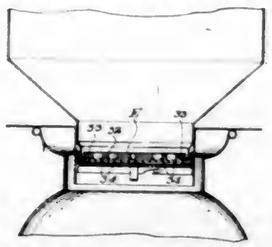
2,060,391
BUILT-IN ARCH SUPPORT
Oliver Castagnola, Brooklyn, N. Y.
Application October 19, 1933, Serial No. 694,265
3 Claims. (Cl. 36—71)



1. An inner sole marginally channelled at the sides and front, a filler fixed at its edges in the

channel, a U-shaped metallic arch support fixed to said filler and suited to receive a foot between its upright elements, reenforcing means for the sides of said support, and fabric facings on the under side of said filler and support elements.

2,060,392
MILK STRAINER
Alvin W. Franzmeier, Rich Valley, Minn.
Application June 6, 1931. Serial No. 542,530
6 Claims. (Cl. 210—158)



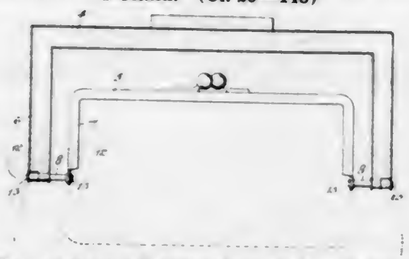
1. A milk strainer including, a funnel member, a perforated bottom on said funnel, a stopper above said bottom, and means on said stopper extending through said perforated bottom to hold the stopper away from said perforated bottom when the funnel is resting upon a support.

2,060,393
ELECTRICAL RESISTANCE AND METHOD OF MANUFACTURE
Albert H. Heyroth, Niagara Falls, N. Y., assignor to Globar Corporation, Niagara Falls, N. Y., a corporation of New York
Application March 29, 1932, Serial No. 601,799
10 Claims. (Cl. 201—76)



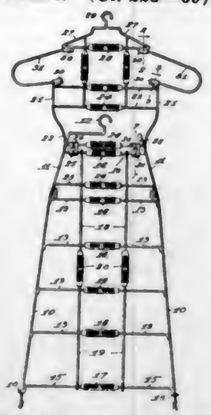
9. A rod-like resistor element for electrical circuits, comprising a resistance core of electrical conducting material distributed in a heat hardened ceramic insulating matrix, and a heat hardened rigid ceramic jacket surrounding and protecting the core and in intimate contact with the core, the element being fired so as to effect at least partial vitrification of the ceramic material.

2,060,394
METHOD OF ASSEMBLING HANDBAG FRAMES
William C. Hiering, Newark, N. J., assignor to J. E. Mergott Company, Newark, N. J., a corporation of Delaware
Application December 7, 1934, Serial No. 756,429
1 Claim. (Cl. 29—148)



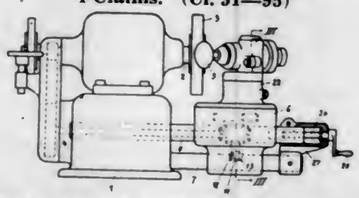
The method of assembling and maintaining aligned the hinge members of a main hand bag frame to the hinge members of a pocketbook frame on pivot pins without distorting the frame member, comprising forming pivot pins with reduced portions at each end thereof adapted to pass through hinge members, forming conical cavities in the free ends of said pins, assembling hinge members on said pivot pins, and simultaneously upsetting the metal surrounding the cavities in the ends of the pivot pins to provide flanges to prevent the withdrawal of the pivot pins from the hinge members.

2,060,395
GARMENT DRYING AND SHAPING FORM
Urth D. Irwin and Edward G. Irwin, Los Angeles, Calif.
Application April 30, 1935, Serial No. 19,022
6 Claims. (Cl. 223—69)



1. A garment drying and shaping form comprising an upper frame formed in two parts and a lower frame, the latter including a pair of side members, means including pairs of transverse rods and turn buckles connecting the inner ends thereof for adjustably connecting said side members, the lower part of the upper frame including a pair of side members, adjustable means connecting said last-mentioned side members, vertically disposed adjustable means connecting the two parts of the upper frame and readily releasable means for connecting the upper portion of the lower frame to the lower portion of the lower part of the upper frame.

2,060,396
MACHINE FOR GRINDING VALVES OF THE MUSHROOM OR POPPET TYPE
Otto Klein, Stuttgart-Oberturkheim, Germany
Application February 23, 1933, Serial No. 658,166
In Germany March 1, 1932
4 Claims. (Cl. 51—95)

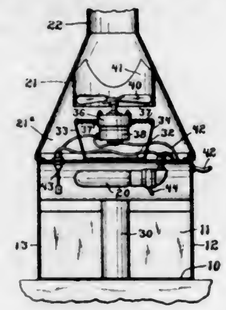


3. In an automatic valve head grinding machine, a grinding spindle, a horizontal shaft driven by said grinding spindle, a vertical shaft driven by said horizontal shaft, an eccentric pin on the lower end of said vertical shaft, a guide block loosely engaging said eccentric pin, a valve holder carrier surrounding said vertical shaft, two stationary guide bars extending through said carrier, one of said bars having a slot for guiding said block without play to impart at each rotation of said vertical shaft a reciprocatory movement to said carrier guided on said bars corresponding to the throw of said eccentric pin and parallel to said grinding spindle, a stationary extension on the upper end of said carrier coaxial to said vertical shaft, an upper part of said carrier rotatable around said stationary extension, a sleeve in said upper part, a casing rotatable and fixable on said sleeve and rotatably carrying the valve head, said casing adapted to be swung with said upper part of the casing about said stationary extension to move said carrier transversely to the grinding axis.

2,060,397
PROCESS FOR REENFORCING OF FURS
Josephus Antonius Kleine, Leiden, Netherlands
No Drawing. Application October 23, 1934, Serial No. 749,688. In the Netherlands October 27, 1933
4 Claims. (Cl. 149—28)

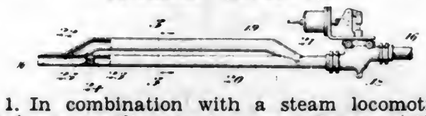
1. The process for reenforcing furs which consists in providing a reenforcement adapted to rest with one face against the skin face of a fur, spraying one or both of said faces with an adhesive in such manner as to form on the sprayed face a multiplicity of small discrete adhesive areas, and pressing said surfaces together.

2,060,398
VENTILATING COWL
Edward D. Lenke, Akron, Ohio
Application April 22, 1935, Serial No. 17,556
6 Claims. (Cl. 126—299)



1. In a device of the character described, a casing having a rectangular lower portion, an upper portion converging upwardly from said rectangular portion and terminating in a cylindrical flue, a bottom wall in said lower portion, said bottom wall inclined upwardly from the rear wall thereof and terminating in spaced relation to the forward wall thereof to provide a downwardly presented, elongated opening extending along the forward side of the casing, means to connect an open vent pipe to communicate with the interior of said casing, an electric motor mounted within said casing with the shaft thereof projecting upwardly, a fan mounted on the upwardly projecting end of said shaft and a cylindrical sheath having its upper end attached to the wall of said upper portion with the lower end thereof in communication with said casing and the upper end thereof in communication with said flue, said sheath projecting downwardly with the lower end thereof surrounding said fan.

2,060,399
CONDENSATION EVAPORATOR
Richard J. McCarty, Jr., Bethlehem, Pa., assignor to Bethlehem Steel Company, a corporation of Pennsylvania
Application December 2, 1933, Serial No. 700,677
10 Claims. (Cl. 60—1)



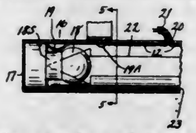
1. In combination with a steam locomotive having an auxiliary engine, means for generating steam, a steam supply line for supplying steam to the auxiliary engine, a portion of said steam supply line being substantially horizontal, communicating branch connections in said portion arranged so as to form an outside by-pass, and an orificed device in said portion positioned intermediate the branches of said by-pass, but closer to one of said branches than to the other branch.

2,060,400
METHOD OF AND APPARATUS FOR TREATING SHEET METAL
Henry W. Nieman, Bethlehem, Pa., assignor to Bethlehem Steel Company, a corporation of Pennsylvania
Application November 30, 1932, Serial No. 644,971
13 Claims. (Cl. 153—54)



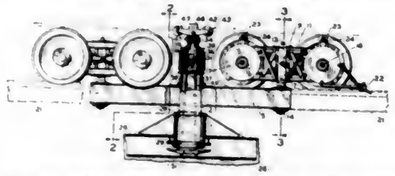
1. The method of conditioning a sheet reduced to gauge by drastic cold rolling which flutes readily, consisting of passing the same through a roller leveler at a speed of around one thousand feet per minute.

2,060,401
DIRECTION SIGNAL
Joseph C. Smith, St. Paul, Minn.
Application May 25, 1935, Serial No. 23,383
1 Claim. (Cl. 177—329)



A direction signal adapted to be mounted adjacent and parallel to a windshield and comprising an elongated, horizontally disposed tubular housing provided with an elongated double-headed arrow shaped aperture in each of the horizontally opposite sides, a removable plug for each end of the housing each plug comprising an electric bulb holder retaining a bulb concentrically within the housing and adjacent an end of said apertures, electric circuit means for selectively lighting either bulb to light corresponding end parts of the housing and apertures to signal direction of auto movement, said latter means including for each bulb a yieldable spring contact in circuit and fixed within the housing and located to frictionally contact the contact stem of the bulb when the plug is in position to complete circuit to the bulb.

2,060,402
COMBINED TRUCK AND SUPPORTING MECHANISM FOR AERIAL CARS
Joseph B. Strauss, San Francisco, Calif.
Application September 24, 1934, Serial No. 745,268
3 Claims. (Cl. 105—155)



1. A vehicle supporting structure comprising a pair of spaced trucks having resilient supported wheels, suspension members connected to each of said trucks, the point of suspension of each of said members being in the same plane as the pivotal axis of said wheels, supporting beams extending between said suspension members and having vertical pivotal connection therewith, a hanger supported by said beams, and a car carried by said hanger.

2,060,403
RELEASING ROPE SOCKET
Cecil H. Sweet, Brea, Calif., assignor of one-half to Weldon C. Erwin, Brea, Calif.
Application August 27, 1934, Serial No. 741,714
6 Claims. (Cl. 255—26)

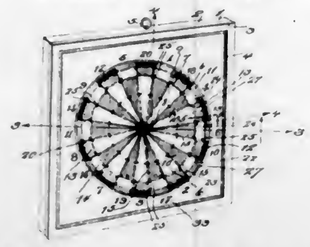


1. A device for connecting a well tool with an operating cable including a mandrel on the cable, a body connected with the tool having an opening for receiving the mandrel, a part on the mandrel releasably cooperating with the body to connect the mandrel therewith, a member movable in the mandrel and normally holding the part against release from the body, a sleeve at the exterior of the mandrel connected with the member, and an element adapted to be run into the well to cooperate with the sleeve and move the member to an inoperative position.

2,060,404
DECOLORIZATION OF RESINS
Charles A. Thomas and William H. Carmody, Dayton, Ohio, assignors, by mesne assignments, to Monsanto Petroleum Chemicals, Inc., Dayton, Ohio, a corporation of Delaware
No Drawing. Application June 15, 1932, Serial No. 617,478
2 Claims. (Cl. 260—2)

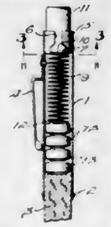
1. In the production of an unsaturated hydrocarbon resin from a cracked petroleum distillate, rich in diolefines and substantially free from impurities, by polymerization in the presence of a metallic halide catalyst after which the catalyst is separated from the polymerized hydrocarbon, the steps which comprise dissolving the resinous polymerization product in a non-aromatic hydrocarbon solvent, adding a bleaching clay to the resulting solution, agitating the mixture to bring about adsorption of the coloring materials by the clay, separating the clay and the adsorbed coloring materials from the resinous solution and removing the solvent from such resinous solution to produce a substantially colorless hard resin, the varnish making characteristics of which are substantially the same as those of the original resinous polymerization product.

2,060,405
DART BOARD
Charles J. Widmeier, Philadelphia, Pa.
Application September 25, 1935, Serial No. 42,110
5 Claims. (Cl. 273—102)



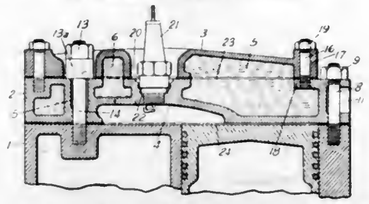
1. A dart board for a game of darts, comprising a body frame section having a central circular opening, a target piece angularly displaceably fastened in said opening within the bounding plane of the body frame section, the front face of the body frame section and the target piece being porous, the front and rear faces of the target piece having radial dart deflecting elements, each in a single length, said target piece having a central opening, said radial dart-deflecting elements engaging through said central opening, the opposite portions of each single length of radial deflecting element having right angle terminals driven into said target piece to secure said elements to the target piece, circular deflecting members on the opposite faces of the target piece dividing the outer portions of the segments into circular segments, means for securing the circular deflecting members and the radial deflecting elements to the opposite faces of the target piece, said radial dart deflecting elements and the circular dart deflecting members acting to deflect the dart into one of two segments or into one of two circular segments.

2,060,406
TABLET HOLDER
Walter W. Tiede, Detroit, Mich.
Application May 8, 1935, Serial No. 20,344
4 Claims. (Cl. 120—84)



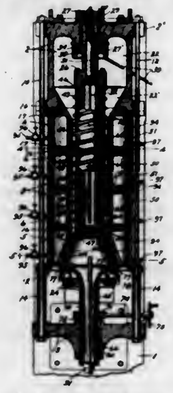
3. A tablet holder comprising a tubular member adapted to be fitted over the upper end of a pencil, a metal cup fitted into the upper end of the tubular member and providing a closure therefor, the metal cup having openings in the sides, a coiled spring threaded into the metal cup through the openings and a plug fitted into the cup and seating on the portion of the spring within the cup to secure the spring to the cup.

2,060,407
CYLINDER HEAD
Albert B. Willi, Detroit, Mich., assignor to Federal-Mogul Corporation, Detroit, Mich., a corporation of Michigan
Application December 5, 1935, Serial No. 53,042
6 Claims. (Cl. 123—173)



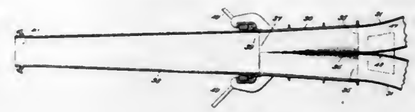
1. In combination, an engine block, a cylinder head comprising a lower section and a cap member, a set of hold-down studs for securing the lower section on the engine block, and a set of independent hold-down studs for securing the cap member on the lower section, said cap member having a plurality of wells formed therein and said lower section having openings formed therein directly beneath the wells, certain of said first-named hold-down studs projecting through certain of said wells into the corresponding openings and spark plugs projecting through certain other of said wells into the corresponding openings, said hold-down studs for the cap being so arranged that a plurality thereof are disposed around each well, said first-named set of hold-down studs functioning to secure the lower section only on the engine block.

2,060,408
APPARATUS FOR THE TREATMENT OF VARIOUS FLOUR PRODUCTS
Samuel Wood, Geneva, N. Y.
Application August 21, 1933, Serial No. 686,089
6 Claims. (Cl. 99—237)



1. A device of the class described comprising a compression cylinder, a pressure screw within the cylinder, said screw having an annular groove thereon, die elements extending radially through the walls of said cylinder and having their inwardly projecting ends in registration with said annular groove for dividing the cylinder into pressure chambers and for separating the material mass as it passes from one of said pressure chambers to the next chamber, and means at the outlet of said cylinder for separating the material into predetermined form comprising coacting cylindrical surfaces, at least one of said surfaces having longitudinal grooves or channels for the passage of material therethrough.

2,060,409
MULTIPLE UNIT CONCRETE PUMPING APPARATUS
Charles F. Ball, Wauwatosa, Wis., assignor to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin
Application September 8, 1933, Serial No. 688,650
15 Claims. (Cl. 137—78)



1. In apparatus for combining without stowing confined moving streams of plastic concrete mixture embodying substantial proportions of coarse aggregates which give to the mixture a strong tendency to stow, a plurality of closed converging mixture conduits; and a combining chamber at the intersection of said conduits, having an inlet for each thereof, and a common outlet spaced from said inlets, said chamber continuously changing in cross sectional contour throughout its length from approximately that of said plurality of inlets to that of said common outlet while maintaining an approximately uniform cross sectional area.

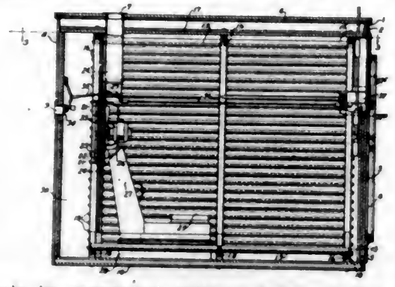
2,060,410
SYNTHETIC RESINS
Gerhard Balle, Frankfort-on-the-Main-Hochst, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application August 24, 1933, Serial No. 686,651. In Germany June 15, 1932
6 Claims. (Cl. 260—4)

1. The synthetic products being condensation products of an α alkylene oxide and a phenol-aldehyde resin of the novolak or resol-type, characterized by the substitution of hydrogen atoms of the phenolic hydroxyl groups by hydroxy-alkyl radicles, the products having a resin- to wax- and fat-like character and being capable of being combined with drying oils.

2,060,411
METHOD OF INCUBATION
Edwin T. Brace, Springfield, Ohio, assignor to The Buckeye Incubator Manufacturing Company, Springfield, Ohio, a corporation of Ohio
Application April 15, 1932, Serial No. 605,406
10 Claims. (Cl. 119—37)

1. In a method of incubating eggs, arranging eggs in stacks of trays and enclosing the eggs in an enclosure, circulating air in horizontal streams about the stacks and between the trays of eggs in separate streams by separating the air into

streams adjacent the eggs, mixing the streams between two adjacent stacks and again delivering

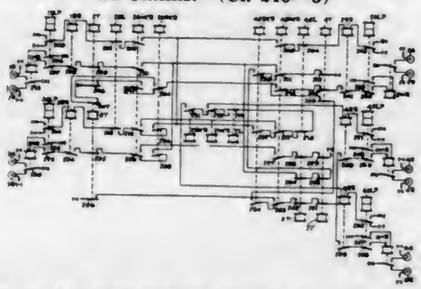


the air in separated streams between the egg trays.

2,060,412
OIL VARNISH
Wilhelm Breuers and Hermann Schatz, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application February 9, 1934, Serial No. 710,526. In Germany February 16, 1933
18 Claims. (Cl. 134—17)

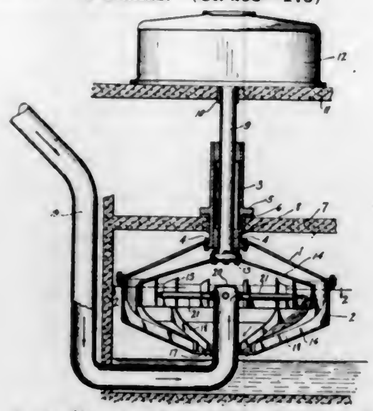
1. The process of producing oil-varnishes which comprises incorporating from 0.5 to 20 parts by weight of a drying oil with each part by weight of a thermoplastic, resinous, brittle conversion product of rubber being less unsaturated than rubber, having a softening point of between 50° and 130° C., being readily soluble in aromatic, open chain aliphatic and cycloaliphatic hydrocarbons and chlorinated hydrocarbons, and being selected from the group consisting of the isomerization products obtained by reacting rubber with an isomerization agent of the class consisting of surface-active substances, phosphorus oxychloride, sulfuric acid and organic sulfonic acids and the products obtainable from such isomerization products by catalytic hydrogenation.

2,060,413
INTERLOCKING SYSTEM FOR RAILROADS
Charles S. Bushnell and Winfred T. Powell, Rochester, N. Y., assignors to General Railway Signal Company, Rochester, N. Y.
Application September 6, 1934, Serial No. 742,952
28 Claims. (Cl. 246—3)



1. In an interlocking system for railroads; a track layout containing a plurality of routes, each route containing a plurality of track switches and track sections joining said switches; a signal for governing traffic over each of said routes; a plurality of route circuits, each including a wire for each of said sections and a contact controlled by each of said track switches for the corresponding route; switch control means for governing the operation of each of said switches; locking means for said switch control means; signal control means for each route; relay means controlled by said signal control means for each route for energizing the corresponding established route circuit; and means rendering said relay means for a particular route continuously responsive to the signal control means for that route only when said switches are continuously in correspondence with their respective switch control means and the locking means for the switches of said route are in position for preventing the operation of the associated switch control means.

2,060,414
TURBINE
Albert Fladeland, Kitsap County, Wash.
Refile of application Serial No. 617,322, June 15, 1932. This application September 18, 1935, Serial No. 41,182
3 Claims. (Cl. 253—173)



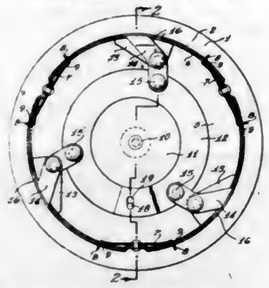
1. In the device of the class described the combination of an inner and an outer vessel, each vessel mounted for independent rotation in the same direction and about the same center, the outer vessel having a floor inwardly slanting toward an opening in the center of the floor, vanes projecting inwardly from the inner vessel, vanes projecting inwardly from the floor of the outer vessel, a penstock passed upwardly through the said opening and having its terminal closed, a series of pipes extending radially from the end of the penstock whereby water under pressure passes through the penstock and pipes, and impinges against the vanes and finally is discharged through the said opening in the outer vessel.

2,060,415
COMBINATION TOOL
Helgi Helgason, Los Angeles, Calif.
Application February 25, 1935, Serial No. 8,041
1 Claim. (Cl. 306—26)



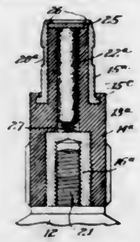
In a hand tool, a body portion, a blade, said body having a slot adjacent the underside thereof and forming a lip with respect to the lower surface of said body, a centering pin traversing said slot, an end plate, said slot being adapted to receive said blade, a second pin, said second pin being dependent from said end plate, said blade being formed with an aperture, said blade having one end bifurcated, said bifurcated blade end and said aperture being in cooperation with said pins respectively to center and lock said blade in detachable relation to said body.

2,060,416
HUB CAP AND WHEEL LOCK
Alfred Hersch, Toledo, Ohio
Application February 12, 1934, Serial No. 710,844
1 Claim. (Cl. 70—90)



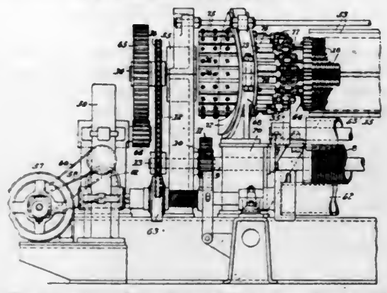
In a hub cap having a rim portion adapted to be inserted into the hub of a wheel, said rim portion being provided with a plurality of circumferentially spaced apart slots, brackets secured within said rim portion with a bracket located adjacent to each slot, bolts pivotally mounted upon said brackets whereby upon pivotal movement thereof they are projected through or retracted from said slots, said bolts being adapted to engage said rim portion when projected to prevent removal of said rim portion from said hub, and an element rotatably mounted in said cap and connected to said bolts whereby rotation thereof in opposite directions causes said bolts to pivot in opposite directions.

2,060,417
ELECTRICAL RESISTANCE DEVICE
William J. Hiscock, Olcott, N. Y., assignor to Norton Laboratories, Lockport, N. Y., a corporation of Maine
Application June 23, 1934, Serial No. 732,131
3 Claims. (Cl. 201—76)



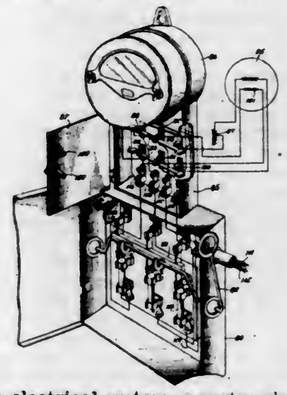
1. An electrical suppressor device, comprising an elongated body member of insulating material, said body member being recessed at its inner end and having a bore extending from said recess longitudinally through the remainder of the body member, said recess having anchored therein an interiorly threaded contact for the reception of an electric terminal, an outer contact telescoped upon the body member and extending longitudinally thereon for a considerable portion of the length of the body member and having its inner end embedded within the material of the body member, and a resistance element extending longitudinally within said bore and electrically connected adjacent its ends with the respective contacts, a substantial portion of the effective length of the resistance element being telescoped within and insulated from said outer contact by said body member except at its connection therewith, said outer contact having formed thereon an inwardly offset portion substantially encircling said body member and interlocking engagement therewith at a point between the ends of the resistance element and affording a groove for the telescopic reception of an electric terminal element.

2,060,418
MACHINE FOR PRODUCING HEXAGONAL MESH WIRE FABRIC
Carl W. Holmquist, Glassport, Pa.
Application August 5, 1935, Serial No. 34,759
14 Claims. (Cl. 140—6)



1. In a wire fabric making machine of the type wherein the mesh wires are given a substantially zig-zag pattern for twisting into hexagonal mesh, the combination of twisting devices arranged in transverse rows, and means for positioning the mesh wires in said devices and for depressing the portions of the wires intermediate the rows into loops of slack between the twisting devices.

2,060,419
METER TESTING
Bryson D. Horton, Detroit, Mich., assignor to Square D Company, Detroit, Mich., a corporation of Michigan
Application December 1, 1922, Serial No. 604,383
Renewed January 8, 1931
15 Claims. (Cl. 175—183)



2. In an electrical system, a meter circuit having two series coils, a service circuit and a load

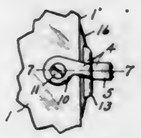
circuit electrically connected to said coils, a switch in each of the coil connections for determining the relation of the coil with respect to said service and load circuits, a meter testing circuit adapted to be associated with said meter coils when the switches are in one position, said switches being disposed in a chamber adjacent the meter, and cover means for moving said switches in another position to render said meter testing circuit ineffective.

2,060,420
WASTE TRAP
John D. Houck, Chicago, Ill.
Application May 9, 1934, Serial No. 724,664
3 Claims. (Cl. 182—7)



1. A waste trap for an ice chamber, the trap having a closed vertically extending chamber having water inlets near its lower end, a central discharge tube fixed in the lower wall of said trap chamber and extending up adjacent to the top thereof, and extending down below the bottom of the chamber, the lower end of the discharge tube provided with a tapered, relatively soft packing, and the lower wall of the ice chamber provided with a discharge pipe sealed therein and provided with a tapered inlet to receive said packing.

2,060,421
OPHTHALMIC MOUNTING FOR RIMLESS EYEGLASSES
William E. McDonnell, Rochester, N. Y., assignor to Shuron Optical Company, Inc., Geneva, N. Y., a corporation of New York
Application October 28, 1935, Serial No. 47,148
16 Claims. (Cl. 88—47)

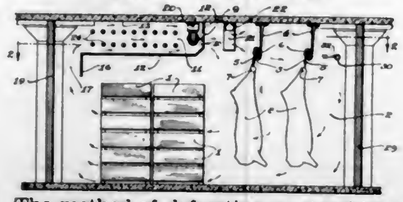


1. An ophthalmic mounting for connecting a nose or temple piece to a rimless lens comprising a strap member pivotally secured to the lens, said strap member having a shoe normally spaced from the adjacent edge of the lens, a spring interposed between the shoe and lens edge, said spring having the intermediate portion thereof spaced from said edge and contacting the intermediate portion of the shoe and the ends of said spring spaced from the ends of the shoe and slidably contacting said lens edge, and means provided on said shoe adjacent the ends thereof projecting therefrom towards the lens edge a distance greater than the thickness of the spring and normally spaced from said edge but adapted upon extreme relative pivotal movement of the lens and strap to directly contact with the edge of the lens for maintaining all portions of the spring free to flex under all pivotal positions of the strap member by preventing the spring from being rigidly clamped between the shoe and the lens.

2,060,422
MEAT TREATING METHOD
Harry Henry McKee and Grover Ralph Henney, Chicago, Ill., assignors to Swift and Company, Chicago, Ill., a corporation of Illinois
No Drawing. Application November 14, 1930, Serial No. 495,783
4 Claims. (Cl. 99—107)

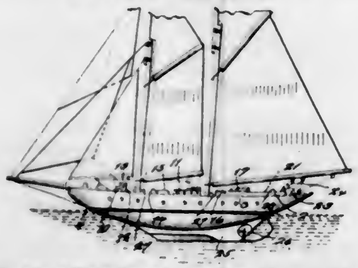
1. The method of treating meat which consists in first freezing the meat and then subjecting it to mechanical pressure while frozen at a temperature of from 25° to 32° Fahrenheit to impart a lighter brighter color.

2,060,423
TREATMENT OF FROZEN MEAT
Harry H. McKee, Chicago, and William McDonald, River Forest, Ill., assignors to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
Application February 24, 1934, Serial No. 712,710
3 Claims. (Cl. 99—107)



1. The method of defrosting meats which consists in placing frozen meat products in a closed chamber in an atmosphere at ordinary temperature and humidity whereby the temperature will be lowered and the humidity decreased, admitting steam into the chamber sufficiently to produce a saturated condition of the air therein and to raise the temperature of the air sufficiently to thaw the meat products, circulating the air about the the meat products, permitting the meat products to remain in the circulated moisture-saturated air of raised temperature until thawed, thereafter lowering the temperature and decreasing the humidity of the air and permitting the meat products to remain in the circulated air of lowered temperature and decreased humidity until absorption by the meat products of the surface moisture thereon, whereby the meat products are defrosted without loss of weight or meat juices and the natural appearance and conditions of the meat products are preserved.

2,060,424
METHOD OF PUTTING TOGETHER A SHIP'S MODEL HULL
Frederick W. Megow, Philadelphia, Pa.
Application May 1, 1935, Serial No. 19,790
2 Claims. (Cl. 35—8)



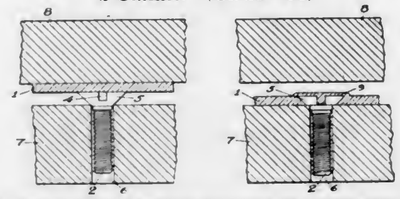
1. In an educational device, the method of constructing a model ship from a plurality of

pieces of wood first by permanently cementing a previously printed sheet of wood veneer constituting a deck piece upon a block of the same material which has been pre-shaped in the form of a roughly made flat bottom canoe, then cutting said block along the printed outline on the sheet of veneer to shape the hull of the ship, then gouging through said veneer and into said block to form a hollow, and a seat about substantially the entire margin of said hollow, then cutting out the other parts previously designated and cementing them on the hull to simulate a completed ship.

2,060,425
MISCIBLE OIL AND PROCESS FOR PREPARING SAME
Oliver Wood Neukom, Berkeley, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California
No Drawing. Application June 26, 1933, Serial No. 677,682
15 Claims. (Cl. 87—9)

1. A miscible oil comprising a naphthenic acid soap, a blending agent in the form of a high boiling point solvent, an auxiliary emulsifying agent in the form of a free rosin and a mineral oil.

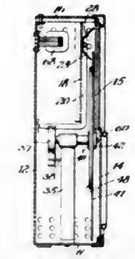
2,060,426
ELECTRICAL TERMINAL
Arthur E. Rittenhouse, Honeoye Falls, N. Y., assignor to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y., a corporation of New York
Application May 23, 1935, Serial No. 23,052
2 Claims. (Cl. 29—84)



1. The method which consists of positioning the post of an electrical terminal in an opening of a metal support with the bottom of the head of the terminal resting on said support, positioning a body of insulating material such as hard fiber above and resting upon the head of the terminal, and forcing a plunger against the fiber body under such pressure as to cause the head of the terminal to become somewhat wider and thinner and the fiber body to surround and interlock with the head while the body of fiber adjacent to the end of the head is compressed and distorted somewhat from the plane of the main body of fiber.

2,060,427
THERMOMETER
Arthur S. Robinson, Rochester, N. Y., assignor to Rochester Manufacturing Co., Inc., Rochester, N. Y., a corporation of New York
Application August 30, 1934, Serial No. 742,129
2 Claims. (Cl. 73—118)

2. Means for indicating a variable quantity, comprising a light emitting tube providing a substantially continuous band of light, opaque shielding means movable in response to variations in the quantity to be indicated, for masking a variable part of said band of light while leaving visible a length thereof variable in accordance with said variable quantity, and graduated scale means associated with said band of light so that the variable visible length of said band

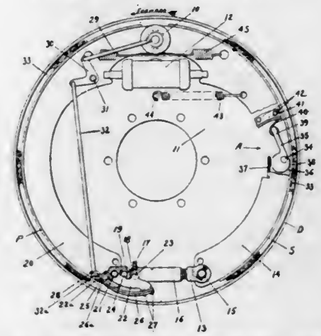


of light may be readily observed in conjunction with said scale means.

2,060,428
NITRO-PHENYL-ARYLENE-THIAZYL-DISULPHIDES AND PROCESS OF MANUFACTURING THE SAME
Winfield Scott, Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
No Drawing. Application September 14, 1929, Serial No. 392,732
14 Claims. (Cl. 260—16)

1. As a new compound 2-nitro-phenyl benzothiazyl disulphide.

2,060,429
BRAKE MECHANISM
George L. Smith, Washington, D. C., assignor to Thermo Brakes Corporation, Washington, D. C., a corporation of Virginia
Application April 7, 1936, Serial No. 73,148
8 Claims. (Cl. 188—79.5)

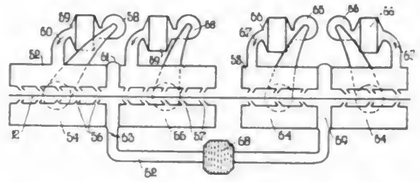


3. In an automatically adjustable brake, a brake anchor, a pair of brake shoes, a floating adjustable link connecting adjacent ends of said shoes, and a thermo-sensitive adjusting mechanism for said link mounted on one of said shoes and connected to said anchor.

2,060,430
TREATMENT OF WEBS OF MATERIAL
William Wycliffe Spooner, Ilkley, England
Application January 6, 1932, Serial No. 585,110
In Great Britain January 5, 1931
7 Claims. (Cl. 34—48)

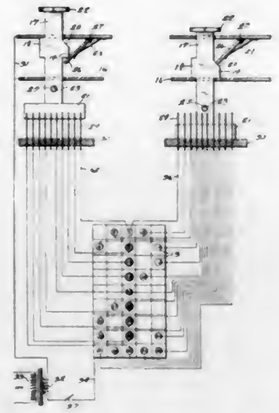
1. Apparatus for treating a web of material with a gaseous fluid comprising a pair of hollow casings each having a passage formed therein to enable the web to be traversed therethrough,

the said passages being in alignment, nozzles formed on said casings inclined to the path of travel of the web, the nozzles of one casing being



inclined oppositely to the nozzles of the other casing and a common housing extending between the adjacent ends of said casings.

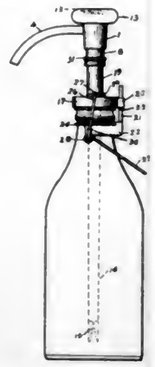
2,060,431
CONTROL FOR ELECTRIC SCOREBOARDS
Myrle H. Spicer, Wisconsin Dells, Wis.
Application June 5, 1934, Serial No. 729,163
2 Claims. (Cl. 200—16)



1. A mechanism of the character described including a longitudinal series of depressible flat key switches, each having a wedge-shaped head at its lower end, a plurality of pairs of spaced resilient fingers constituting jacks with which the heads are adapted to engage when the keys are depressed to thus close a selected circuit and a single longitudinally extending coil spring anchored at its ends and extending through all of the keys and acting to yieldingly hold the keys in a raised position, a plate having slots through which the keys pass, and brackets extending from said plate disposed between each pair of keys and through which the spring loosely passes.

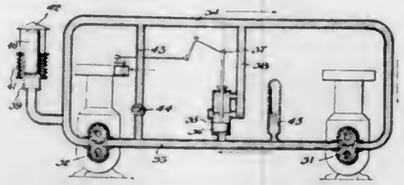
2,060,432
SIPHON DEVICE
Harry Squires, Thompsonville, Conn.
Application March 24, 1936, Serial No. 70,682
9 Claims. (Cl. 225—22)

4. In a siphon device, comprising in combination a siphon head valve, overhead holding means secured to said valve, valve operating means recessed in the surface of said holding means, a tapered inlet tube dependent from said valve and joined therewith by reinforcing collar means, resilient pressure sealing means mounted on said tube below said collar means, and bifurcated peripheral cutter means on the base of said tube, one apex of said bifurcated cutter



means being longer than the other and the edge of said longer apex being rounded.

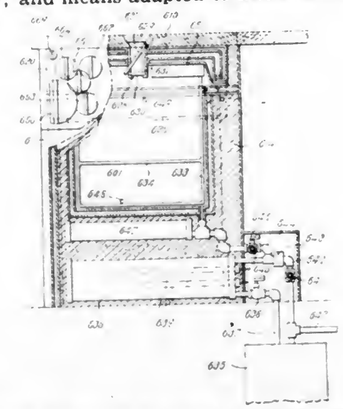
2,060,433
CONTROL DEVICE FOR ONE OR MORE MACHINES
Johan Hendrik van Cappellen, Japara Rembang, Dutch East Indies
Application September 10, 1934, Serial No. 743,440
In the Netherlands September 19, 1933
1 Claim. (Cl. 60—97)



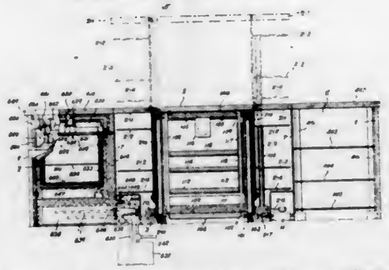
In a device for the control of at least one engine by a master engine, a positive displacement pump driven by said master engine, a pump driven by the engine to be controlled, a pipe connecting the pumps in a closed circuit in series, a cylinder communicating adjacent its ends respectively with the flow and return sections of the circuit defined by the pumps, a piston in said cylinder, subject on opposite sides to the pressure in the flow and in return sections of the circuit, means coupling said piston to the energy supply control of the engine to be controlled, said cylinder having an intermediate aperture communicating with the return section of the conduit, whereby on undue increase in the output of the master pump the said aperture is put in communication with the cylinder below the piston and short circuits the pump associated with the engine to be controlled until such time as the said engine accelerates to the desired speed.

2,060,434
APPARATUS FOR COOKING
Howell S. Vincent, Brookline, Mass.
Original application April 13, 1929, Serial No. 354,967. Divided and this application January 23, 1930, Serial No. 422,962
7 Claims. (Cl. 126—20)

1. In apparatus for cooking, the combination of a pressure cooker; an outer water jacket about said cooker; an inner water jacket about said cooker; and means adapted to alternatively supply water to said jackets and evacuate water from said jackets.



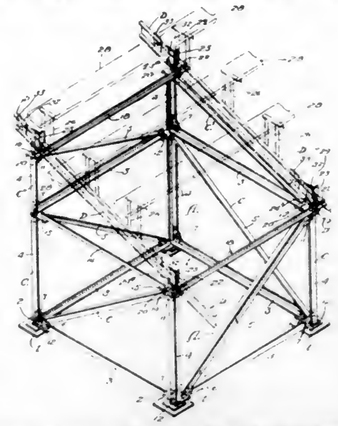
2,060,435
DEVICE FOR THE CONSERVATION AND TREATMENT OF FOODS AND BEVERAGES, AND UTENSILS THEREFOR
Howell S. Vincent, Sutton, N. H.
Application April 25, 1933, Serial No. 667,928
8 Claims. (Cl. 312—146)



2. In an article of furniture, the combination of a base; a receptacle in said base; a vertically movable top for said receptacle; and an article supporting means adjustably related to said top for lateral movement and adapted in one position of adjustment of said top and said means to be positioned in said receptacle, and in another position of adjustment of said top and said means to be positioned over a portion of the top of said base.

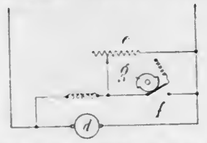
2,060,436
GRANDSTAND CONSTRUCTION
Charles H. Wetzel, Wayne, Pa., assignor to Wayne Iron Works, Wayne, Pa., a corporation of Pennsylvania
Application September 23, 1933, Serial No. 690,728
18 Claims. (Cl. 189—2)

10. In a grandstand, a supporting structure composed of a predetermined number of substantially similar structural units of substantially triangular shape arranged so that at least one side of said supporting structure is of greater height than the opposite side thereof, cross members disposed respectively in said side of the structure of greater height and the opposite side of lesser height at the upper ends thereof, means respectively forming a part of each of said units and cross members constructed and arranged for mutual cooperative engagement to detachably connect said units and cross members together, seat stringer sections supported by at least one of said cross members, and means respectively



forming a part of each of said stringer sections and cross members constructed and arranged for mutual cooperative engagement to detachably connect said stringers and at least one cross member together.

2,060,437
ELECTRIC MOTOR CONTROL
Stanley Jaffa Harley, Stivichall, Coventry, England
Application September 4, 1934, Serial No. 742,699
In Great Britain September 7, 1933
1 Claim. (Cl. 172—239)

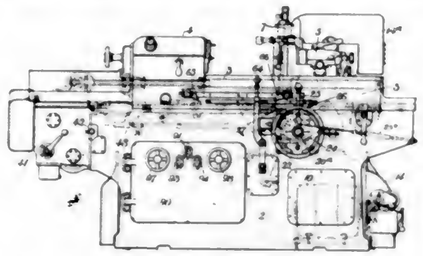


In a machine for operating on the non-circular or interrupted peripheral surface of rotating work, a motor for driving the work, means for controlling the rotational speed of the motor, a cam for operating said speed controlling means said cam having helically formed shoulders, and means for relative adjustment between the cam and said speed controlling means in the direction of the rotational axis of said cam.

2,060,438
GRINDING MACHINE
Stanley Jaffa Harley, Stivichall, Coventry, England
Application March 22, 1935, Serial No. 12,475
In Great Britain March 21, 1934
5 Claims. (Cl. 51—94)

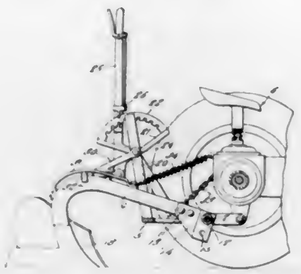
5. A grinding machine comprising a fixed bed, a driven grinding wheel, a slide mounted in said bed for reciprocation longitudinally thereof across the operative face of said grinding wheel, a bar extending longitudinally of said bed and rockably mounted on said slide, work-holding means mounted on said bar to present the work-piece to the operative face of said grinding wheel, and means for reciprocating said slide, in combination with a cam mounting in said work-holding means, abutment means engaged by said

cam throughout the range of movement of said slide, said abutment means being rigid with said bed, and means for rotating said cam for causing



a cyclic oscillatory movement of said bar and work-piece throughout the longitudinal movement of said slide.

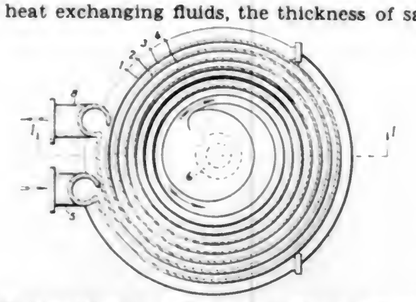
2,060,439
TWO-WAY TRACTOR PLOW
Orth E. Rarick, Eagle, Idaho, assignor, by direct and mesne assignments, to Eagle Manufacturing Company, Caldwell, Idaho, a corporation of Idaho
Application June 30, 1936, Serial No. 88,244
3 Claims. (Cl. 97—47)



1. In combination with a tractor having a draw bar pivoted thereto and chains connected at one end with the tractor and at the relatively opposite end with the draw bar; of a rod extending between and supported by opposite sides of the draw bar, a pair of plow beams, each of said beams being pivotally connected at one end with said rod, a pair of bracket members secured to and rising from the draw bar, there being one bracket member for each plow beam, a rack segment supported by said bracket, a hand lever pivotally mounted on said bracket and provided with a detent structure cooperable with the rack segment for holding the lever at the desired adjustment, and inter-engaging means on the lever and an adjacent plow beam for transmitting movement of the lever to the plow beam for securing the latter at the desired adjustment.

2,060,440
HEAT EXCHANGE APPARATUS
Curt Fredrik Rosenblad, Sodertalje, Sweden
Application March 27, 1936, Serial No. 71,090
In Sweden March 28, 1935
4 Claims. (Cl. 257—245)

1. A heat exchange apparatus having convolute heat transmission walls forming channels for heat exchanging fluids, the thickness of said



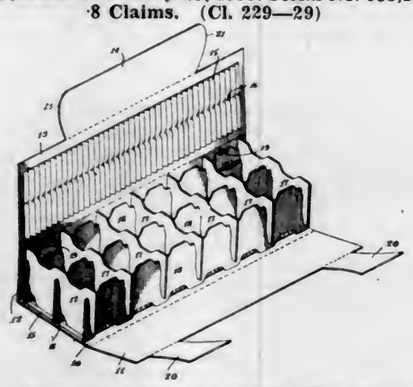
walls decreasing in a direction towards the centre of the apparatus.

2,060,441
WELDING ROD FOR ARC WELDING
Albert M. Ross, Ware, Mass.
Application March 29, 1934, Serial No. 717,894
14 Claims. (Cl. 219—8)



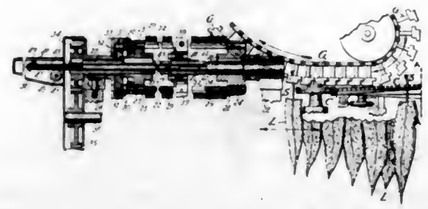
11. A welding rod for arc welding comprising a fusible metallic core having upwardly and outwardly extending annular ribs spaced longitudinally on the surface thereof and a non-conducting coating material arranged on the core but not covering the external edges of the ribs, to provide for current conductivity from without to the center of the core.

2,060,442
COMBINATION EGG BOX AND FILLER
Waldo B. Russell, Saugus, and Melvin H. Sidebotham, West Newton, Mass., assignors to Russell Box Company, Medford, Mass., a corporation of Massachusetts
Application January 23, 1933, Serial No. 653,128
8 Claims. (Cl. 229—29)



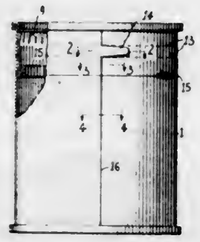
1. A combined box and cellular filler therefor, both box and filler being foldable to flat condition, the front wall section of the box having tongues foldable into filler cells, the ends of said tongues being wider than the lateral spaces in the cells which they enter.

2,060,443
TOBACCO STEMMER
Rupert E. Rundell, Rockville Centre, N. Y., assignor to American Machine & Foundry Company, a corporation of New Jersey
Application May 5, 1936, Serial No. 78,045
10 Claims. (Cl. 131—57)



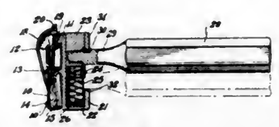
3. In a tobacco stemmer, the combination with a pair of rotary shafts, each of said shafts being provided with a set of wheels fastened thereon, of stripping members movably mounted in said wheels in circumferentially spaced relation, means for rotating said shafts in opposite directions, mechanism for successively swinging the stripping members outwardly on their wheels to strip a tobacco leaf drawn between said shafts and then retracting said bars, sets of knives splined on each of said shafts, each knife projecting outwardly between adjacent stripping members to coact with a knife on the other shaft to sever at a predetermined length the stem of the leaf being stripped, and means for adjusting the sets of knives axially on their shafts while the latter are in rotation, whereby the cutting range of the knives may be varied during the operation of the stemmer.

2,060,444
VACUUM CAN
William Miles Ryan and John W. Bold, Brooklyn, N. Y., assignors to Ryan Coffee Corporation, New York, N. Y., a corporation of New York
Application February 8, 1933, Serial No. 655,732
8 Claims. (Cl. 220—54)



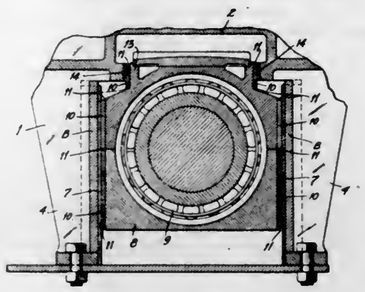
1. A sheet metal container comprising a lower cylindrical wall, a double collar joined at its lower end to said wall in a lock seam, the vertical edges of said wall and of the outer collar being joined in a continuous lock seam outside of said seam joining said double collar to said wall.

2,060,445
SAFETY RAZOR
Alfred G. Ryley, Canton, Ohio, assignor to Walter H. Wiewel, Canton, Ohio
Application February 4, 1933, Serial No. 655,217
6 Claims. (Cl. 30—85)



1. A razor including a head, a blade carried in the head and having a lower cutting edge, a handle, guide means mounting the head for lateral sliding movement relative to the handle and in a direction perpendicular to the cutting edge of the blade and substantially parallel to the plane of the blade and means resiliently opposing upward movement of the head relative to the handle.

2,060,446
ROLLER BEARING PEDESTAL TRUCK
Walter C. Sanders, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio
Application December 26, 1934, Serial No. 759,182
3 Claims. (Cl. 105—218)

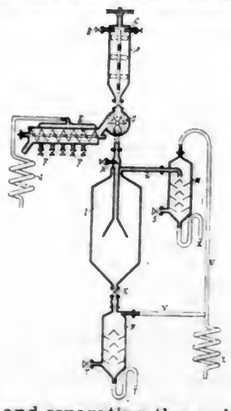


1. A car truck having offset pedestal horns, the distance between the upper portions of said pedestal horns being of standard dimension to recive the housing of a plain bearing and the distance between the lower portions thereof being sufficient to receive the end of a housing of a full-size roller bearing, and a roller bearing housing slidably mounted in said pedestal with its lower portions fitting btween the lower portion of the pedestal and with its upper portion offset to fit between the upper portions of said pedestal.

2,060,447
WORKING-UP OF CARBONACEOUS MATERIALS
Karl Schoenemann, Heidelberg, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany, a corporation of Germany
Application May 25, 1931, Serial No. 539,765
In Germany May 26, 1930
6 Claims. (Cl. 196—13)

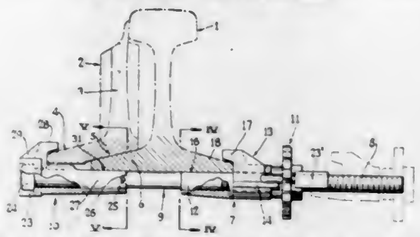
1. A process for working up a carbonaceous material which is liquid at a temperature between 0° and 250° C. and which contains dissolved asphalt, which comprises precipitating said asphalt in more than one stage by the addition to said material of a liquid aliphatic hydrocarbon

as precipitant while continuously passing through each stage the mixture of said material and said



hydrocarbon, and separating the asphalt precipitated therefrom in each stage.

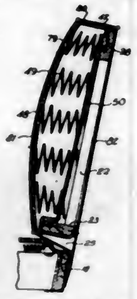
2,060,448
RAILWAY SWITCH LOCKING DEVICE
Bernard J. Schwendt, Lakewood, Ohio, and Frederick C. Lavarack, Montclair, N. J., assignors to Railroad Accessories Corporation, New York, N. Y., a corporation of New York
Application April 17, 1935, Serial No. 16,937
8 Claims. (Cl. 246—448)



1. A portable securement for clamping a movable switch point part to a stock rail part, comprising in combination: a pair of clamping members adapted to be engaged in readily removable relation exclusively with the foot of said rail and with a part of said switch point closely adjacent to the rail foot respectively; means, comprising a non-rotatable rod to support said clamping members in assembled relation with said parts; and means comprising a nut screwed upon said rod and adapted to be run along said rod and thereby forced against one of said members progressively to actuate said clamping members to force said switch point against said rail part, all of the parts of said securement being positioned without the path of objects connected to a passing train.

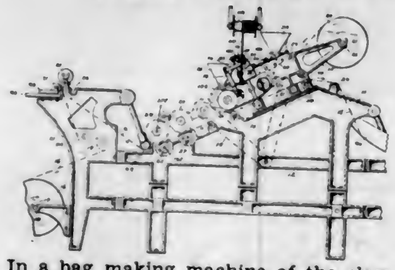
2,060,449
CUSHIONED BACK FOR A SEAT
Isaac Singer, Adolph Singer, and Hyman Singer, Montreal, Quebec, Canada
Original application February 20, 1933, Serial No. 657,508. Divided and this application October 20, 1933, Serial No. 694,454
1 Claim. (Cl. 155—179)

A cushioned back for a seat comprising a frame of vertical and upper and lower horizontal bars forming a rigid back, intermediate vertical bars secured to the lower horizontal bar and curved outwardly to join the vertical bars of said frame, closely spaced from and forming pairs with said first mentioned vertical bars, fastening studs secured in the rear surfaces of said frame and vertical bars, a cushion for said frame comprising resilient strips vertically spaced and secured at their ends to said horizontal bars, springs mounted on said resilient strips and projecting



forwardly therefrom, and a cover fitted over said frame and enclosing said springs, an envelope having front and back panels and a spacing strip, flaps attached to the rear edge of said envelope adapted to be threaded through between said spaced vertical bars and having eyelets for attaching said envelope and flaps to the fastening studs of the vertical bars and enclose the cushioned back of the seat.

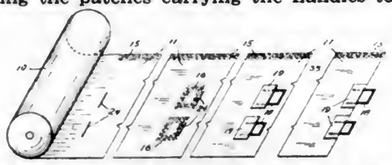
2,060,450
MACHINE FOR MAKING HANDLED SHOPPING BAGS
Harford K. Steen, Newburgh, N. Y.
Application November 5, 1935, Serial No. 48,277
6 Claims. (Cl. 93—8)



1. In a bag making machine of the class described employing a bag forming web, cord handles and reinforcing patches, of means for forming said handles, means for rendering a portion of the surface of said patch adhesive, means for depositing the formed handle thereon, and means for transferring both the formed handle and the patch to and securing the same to the web.

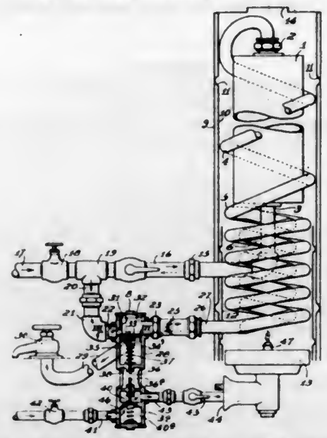
2,060,451
METHOD OF MAKING HANDLED SHOPPING BAGS
Harford K. Steen, Newburgh, N. Y.
Original application July 27, 1935, Serial No. 33,553. Divided and this application December 5, 1935, Serial No. 52,955
7 Claims. (Cl. 93—35)

2. The process of making shopping bags having projecting handles, comprising in slitting the web adjacent to the locations for the handles, applying adhesive to one edge of the web for seaming, applying adhesive to predetermined local surfaces upon the web adjacent to the slits, preparing gummed patches, preparing handles and placing the same upon the gummed patches, transferring the patches carrying the handles to the



gummed local surfaces of the web and pressing the same together, forming the handled portion of the web into a tube, severing the tube from the web on a line with said slits, bottoming the tube to form a bag, and folding said bag.

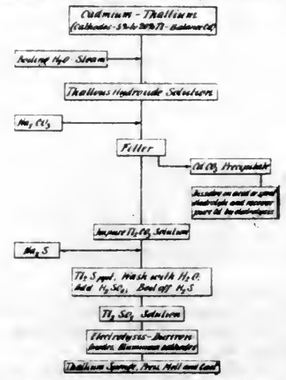
2,060,452
WATER HEATER
Harrison D. Sterick, Pittsburgh, Pa.
Application January 19, 1934, Serial No. 707,272
4 Claims. (Cl. 122—250)



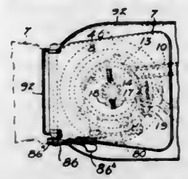
1. In a water heating and storage system the combination with a hot water storage tank of a heating coil connected to the top of said tank and having its other end connected to a valve mechanism, a pipe connection leading from the bottom of the tank to said valve mechanism, a burner below said coil and tank, a fuel line for said burner connected to said valve mechanism, said valve having connections to a source of water supply and a point of use and means in said valve for normally maintaining a flow passage between the tank and coil, said means being operative in response to the withdrawal of water to use for shutting off said first named passage and establishing flow from the bottom of the coil to the point of use.

2,060,453
PROCESS FOR RECOVERING THALLIUM
Roscoe Teats, Denver, Colo., assignor to American Smelting and Refining Company, New York, N. Y., a corporation of New Jersey
Application July 18, 1934, Serial No. 735,813
3 Claims. (Cl. 204—15)

1. The process for recovering thallium from cadmium-thallium cathodes which comprises extracting the thallium as thallous hydroxide solution by treating the cathodes with hot water and steam, precipitating cadmium therefrom, precipitating thallium from the cadmium-free solution as thallium sulphide, converting said sulphide to thallous sulphate in solution and recovering thallium from the thallous sulphate solution by electrolysis.

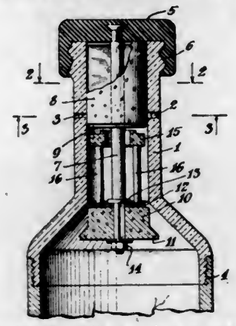


2,060,454
CENTRIFUGAL LAUNDRY EXTRACTOR
Edmund J. Te Pas, Rocky River, Ohio, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application February 1, 1933, Serial No. 654,628
9 Claims. (Cl. 210—71)



6. A centrifugal extractor comprising, a casing, a rotatable container having an opening in its upper end, a cover for the top of said container pivoted to said casing, power means for driving said container, clutch and brake means for connecting and disconnecting said container to said power means and for stopping its rotation, operative connections between said cover and said clutch and brake means, and supplemental means independent of said cover and movable about the pivot axis thereof for controlling the operation of said container.

2,060,455
DISPENSING DEVICE
Michael Wittner, New York, N. Y.
Application November 27, 1934, Serial No. 754,958
2 Claims. (Cl. 221—147)



1. In a device for dispensing a measured quan-

tity of liquid, a chamber having an outlet opening and an inlet opening, a cap in screw threaded engagement with the chamber, a stem carried by and rotatable with the cap, a valve for the outlet opening carried by the stem, and a valve for the inlet opening carried by the stem and rotatable therewith and in spaced relation to the first-mentioned valve.

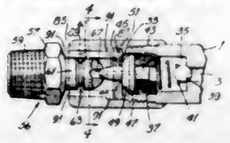
2,060,456

LUBRICATING APPARATUS

Frank S. Barks, St. Louis, Alexander P. Fox, University City, and William Z. Linders, Normandy, Mo., assignors to Lincoln Engineering Company, St. Louis, Mo., a corporation of Missouri

Original application October 13, 1934, Serial No. 748,188, now Patent No. 2,010,174, dated August 6, 1935. Divided and this application August 3, 1935, Serial No. 34,494

3 Claims. (Cl. 285—161)



1. In apparatus of the class described, in combination with a fitting having a substantially cylindric contour behind its forward end, an outer sleeve and an inner sleeve within said outer sleeve, said inner sleeve being split and interiorly cylindric and being springingly engageable with the cylindric contour of said fitting to effect a snug and aligned attachment without supplemental pressure on the split sleeve, the clearance between the inner and outer sleeves being fixed and of an order adapted to permit outward springing action of the inner sleeve but limiting its expanding movement to a degree which will avoid permanent strain under repeated applications.

2,060,457

PHENOLIC CONDENSATION PRODUCTS AND METHOD OF PRODUCING SAME

George Barsky, New York, N. Y.

No Drawing. Application October 9, 1934, Serial No. 747,564

19 Claims. (Cl. 260—4)

1. A method of preparing phenolic condensation products which comprises providing a mixture of phenol and formaldehyde in the ratio of not substantially more than one mol. of phenol to a mol. of formaldehyde, adding a catalyst thereto containing an alkali and boric acid in the ratio of more than one chemical equivalent of alkali to one of boric acid, heating to cause condensation to take place, evaporating water from the reaction mass in the presence of said catalyst, pouring the product into forms and heating to solidify the same.

2,060,458

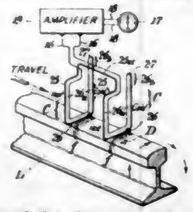
RAIL-FLAW DETECTOR

Arthur E. F. Billstein, Altoona, Pa., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa., a corporation of Pennsylvania

Application August 21, 1935, Serial No. 37,160

5 Claims. (Cl. 175—183)

1. A rail flaw detector of the character described, for testing a rail by relative motion of detector and rail lengthwise of the latter in a magnetic field such as produced by flow of current along the rail, comprising spaced elements of magnetic metal arranged transversely of the rail or test-piece within the range of distortion of the magnetic field due to rail flaws, means for maintaining a temperature gradient along each of said elements, said elements being serially connected in circuit outside the range of distortion



of the magnetic field due to defects in the test piece, so that electromotive forces in said elements due to the magnetic field and the temperature gradient oppose one another, and only inequalities of these electromotive forces due to flaws in the test piece produce electrical impulses in the detector circuit including said serially connected coils.

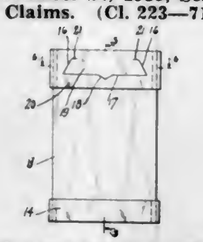
2,060,459

GARMENT HOLDER

Morris Cohen, Kearny, N. J.

Application November 22, 1935, Serial No. 51,059

6 Claims. (Cl. 223—71)



1. A device for supporting a collar including a member having a relatively long slit, transverse closed ended relatively short comparatively straight slits extending convergingly from the ends of the long slit, on one side of the latter, the long slit having a notch forming slit portion on the opposite side thereof centrally related to the short slits, the portion of the member defined by said slits constituting a tongue connected to the member and adapted to be downwardly inserted into a closed collar for longitudinally stretching the same to keep the collar flat, the connection of the tongue and the member being in proximity to the ends of the relatively straight converging slits, with a portion of the collar supported in said notch, and the member having parts defined by said short slits for affording additional supporting engagement for the collar.

2,060,460

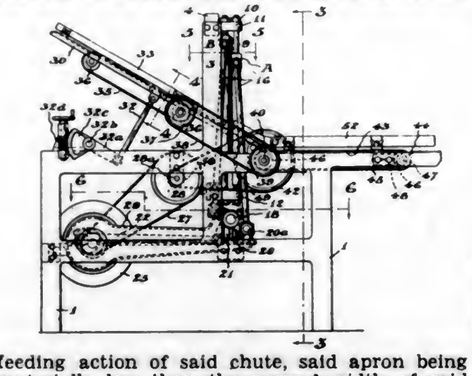
SLICING MACHINE

Taylor W. Creech, Davenport, Iowa, assignor, by mesne assignments, to Micro-Westco, Inc., Bettendorf, Iowa, a corporation of Delaware

Application June 23, 1930, Serial No. 463,075

3 Claims. (Cl. 146—153)

1. In a bread slicing machine, a frame, slicing mechanism carried by said frame for completely slicing a loaf of bread in a single operation, a feed chute extending upwardly and away from said slicing mechanism at a relatively steep angle for feeding loaves of bread to said slicing mechanism, an endless and flightless apron having a portion thereof operable over the feeding surface of said chute for frictionally engaging loaves of bread carried by said chute to assist the



feeding action of said chute, said apron being materially less than the normal width of said feeding surface, and means for actuating said apron.

2,060,461

BUBBLE CHEWING GUM AND PROCESS OF MAKING SAME

Richard P. Dyckman, Orange, N. J., assignor to L. A. Dreyfus Company, a corporation of New York

No Drawing. Application May 23, 1935, Serial No. 23,019

15 Claims. (Cl. 99—135)

1. The process of making bubble chewing gum which comprises the steps of providing a suitable base, adding thereto a sweetening material and a flavoring of natural essential oil which in its natural state contains terpenes, and pretreating the oil before adding the same to the base to remove substantially all of the terpenes.

2,060,462

RUN RESISTING KNITTED FABRIC

Harry Fleisher, Watertown, Conn., assignor to Princeton Inc., Watertown, Conn., a corporation of Connecticut

Application February 19, 1936, Serial No. 64,668

1 Claim. (Cl. 66—169)



A run-resisting smooth knitted fabric consisting of repeating series of courses knitted from three yarns, each series consisting of a first yarn knitted with uniform stitches at every wale of a course, a second yarn knitted with relatively tight run-preventing loops at odd numbered wales and floated over even numbered wales in an adjacent course, and a third yarn knitted with relatively tight stitches at even numbered wales and floated over odd numbered wales in the next adjacent course.

2,060,463

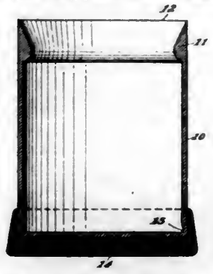
DICE BOX

Samuel Gessler, Chicago, Ill., assignor to Rubini Cigar Company, Inc., Chicago, Ill., a corporation of Illinois

Application April 20, 1936, Serial No. 75,454

6 Claims. (Cl. 273—145)

1. A box or cup for shaking dice comprising a body member having a closed bottom and an open top, said body member being provided with a rib adjacent said open top, the outer wall of said body



member and the inner wall of said rib intersecting to define a sharp edge at said open top.

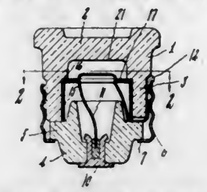
2,060,464

FUSE

George R. Goodwin, Avon, and Clarence A. Farrar, Whitman, Mass., assignors to Royal Electric Company, Incorporated, Avon, Mass., a corporation of Massachusetts

Original application May 1, 1933, Serial No. 668,700. Divided and this application April 18, 1936, Serial No. 75,110

18 Claims. (Cl. 200—130)



4. A fuse of the plug type, comprising a tubular casing having a window at one end, a disk of sheet material within said casing back from said window and having an aperture therethrough, and a fuse link within said casing having an intermediate portion positioned between the said disk and window and extending through said disk, said intermediate portion having a part of reduced cross section spaced from the adjacent face of said disk and opposite to said aperture.

2,060,465

SPRING CUSHION SEAT

Daniel A. Greene, Flint, Mich., assignor to Stubnitz-Greene Spring Corporation, Adrian, Mich., a corporation of Michigan

Application June 10, 1935, Serial No. 25,771

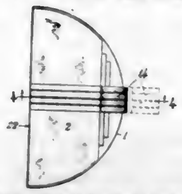
9 Claims. (Cl. 155—180)



6. A spring cushion comprising a frame having an outer side wall and an inwardly turned edge forming a corner with the outside wall, the said inwardly turned edge of the frame having a bead extending therealong spaced inwardly from the outer side wall of the frame, a plurality of springs carried by the frame, a covering for said springs drawn taut over the springs and downwardly along said outer side wall and then inwardly from said side wall around said

corner and about the said bead, one or more spring clips adapted to be sprung over said covering and bead and having a resilient interengagement with said covering and bead to removably secure the covering to said bead whereby the drawing of the covering about said frame corner snubs the covering and relieves the said clip or clips of a portion of the upward pull exerted by the covering.

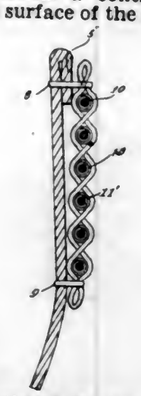
2,060,466
VANITY CASE AND THE LIKE
Paul Gutenstein, Beechurst, Long Island, N. Y.
Application December 21, 1935, Serial No. 55,552
1 Claim. (Cl. 132—79)



A vanity case comprising a substantially flat, hollow container, a cover, said container and cover being hinged together, said cover being adapted to carry a mirror on the inside thereof, said cover and container having a straight back portion and curved sides, spring means to urge said cover to substantially upright position, a horizontally disposed housing substantially centrally of the container and extending from the rear wall of the container forwardly through the curved sides, providing a lateral space in the container, a compartment on each side of the container, a locking member having a unitary latch and lipstick holder, said lipstick holder being adapted to hold a lipstick, said lipstick holder being insertable in said centrally disposed housing through an opening located in the curved sides of said container, said locking member comprising a hook-like latch overlying said cover when the lipstick is inserted within said lipstick holder to hold the cover in closed position against pressure of said spring, said locking member and said lipstick holder being entirely removable from said casing by sliding motion to expose said lipstick and simultaneously release said cover to permit the same to spring open and provide access to said compartments.

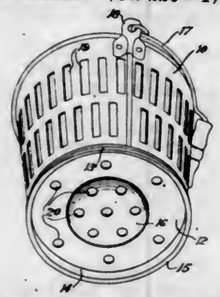
2,060,467
GARMENT SUPPORTING WAIST BAND
Andrew J. Krein, Baltimore, Md.
Application March 10, 1936, Serial No. 68,027
1 Claim. (Cl. 2—237)

A garment waistband comprising a single thickness of the garment fabric, continuous with the main fabric of the garment, the same being hemmed at the top edge and a strip of elastic rubber mesh fabric which contracts without wrinkling and has a soft inner surface which is presented to the body when the garment is worn, said strip extending along the entire waistline of the garment, overlying and registering with the upper edge portion of the garment on the inside, and completely covered thereby on the external surface of the garment, means securing the elastic mesh strip to the garment fabric comprising a line of stitching at the top edge of the same, said line of stitching securing both the hem and the top edge of the elastic strip, the elastic mesh strip being secured to the garment fabric throughout its length, so that the garment, when worn, presents a continuous unseamed substantially flat surface of the garment fabric at



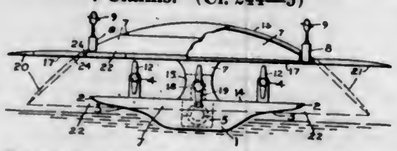
and near the waistband, the elastic rubber mesh fabric strip being concealed.

2,060,468
EGG GATHERING BUCKET
Wellington M. Mitchell, Millersburg, Ohio
Application August 24, 1933, Serial No. 686,502
1 Claim. (Cl. 220—1)



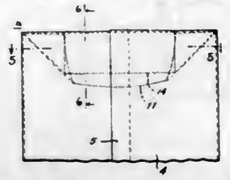
An egg gathering bucket having side walls and a bottom spaced above the lower end of the bucket, the outer portion of said bottom being concave and the central portion being convex, there being apertures in the bottom and apertures throughout substantially the entire area of the side walls.

2,060,469
AIRSHIP
William N. Noble, New York, N. Y.
Application October 31, 1934, Serial No. 750,775
7 Claims. (Cl. 244—5)



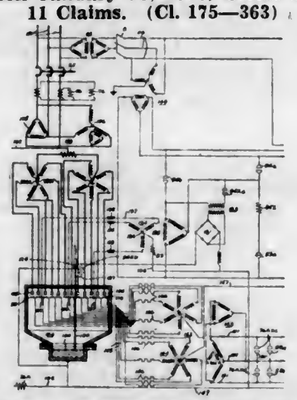
2. In an airship, a boat having projecting sides forming supporting airplane surfaces, the upper surfaces of said projecting sides forming a deck on a plane with the deck of said boat extending inwardly, a fuselage near the center of said deck having concave side walls joined to said deck and terminating into a point at the forward and aft ends of said deck and a hollow superstructure having a substantially flat airplane undersurface and a curved upper surface having a gas space between the under and upper surface, hingeably mounted wings at the side of said superstructure and hingeably mounted front and rear planes having a curved upper surface conforming to the curvature of the upper surface of said superstructure having gas spaces between their upper and under surfaces co-acting with said wings when lowered to form a parachute to reduce the velocity of descent of said airship.

2,060,470
RECEPTACLE
George W. Poppe, Brooklyn, N. Y., assignor to Equitable Paper Bag Co. Inc., Brooklyn, N. Y., a corporation of New York
Application July 20, 1935, Serial No. 32,342
2 Claims. (Cl. 229—62)



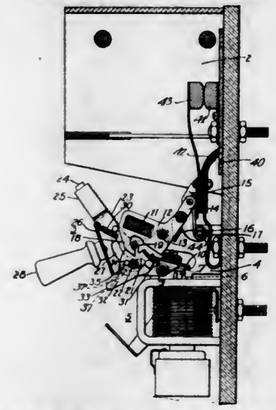
1. A receptacle having front and back walls, and an open mouth, a transverse score in said bag walls situated a distance from the mouth substantially less than half the bag width, diagonal scores in each wall extending from said transverse score at the side edges of the receptacle to the top edges of said walls defining integral portions at the upper corners of the receptacle adapted to fold inwardly to thereby produce flaps, one of which flaps is longer than the other flap, the longer flap adapted when folded inside the bag to interleave with a magazine, booklet or the like, and the shorter flap when folded in, interlocking with the interfolded portions of the longer flap.

2,060,471
ELECTRIC CURRENT CONVERSION SYSTEM
Herbert A. Rose, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 16, 1936, Serial No. 59,401
11 Claims. (Cl. 175—363)



1. An electric conversion system comprising an alternating-current circuit, a direct-current circuit, a multi-valve vapor electric converter for transferring energy between said circuits, a transformer connected to said circuits and to the valves of said converter, a circuit interrupting device in said alternating-current circuit, operating means for said circuit interrupting device, a control electrode for each valve of said converter, an impulsing device having a neutral point and a plurality of phase terminals, said phase terminals being connected to said control electrodes, a rectifying device for providing a unidirectional biasing potential, a connection from the cathode of said valves through said rectifying device to the neutral point of said impulsing device, a circuit connected to said return circuit in parallel with said rectifying device, contact means for opening and closing said parallel circuit, surge preventing means connected to said parallel circuit for preventing surges upon operation of said contact means, an excitation device for exciting the valves of said converter, a source of control energy, circuits for supplying energy to said biasing rectifying device, said impulsing device and said exciting device, independent contact devices for controlling each of said circuits, a control circuit, a contact device for energizing said control device, a relay responsive to energization of said control circuit for initiating operation of the operating means for said circuit interrupting device, a second relay responsive to energization of said control circuit for operating the relay closing the supply circuit of the exciting device to excite the converter, a relay train responsive to the unclosed condition of said circuit interrupting device for energizing said biasing rectifying device and opening the parallel circuit therefor, a relay train responsive to the closing of said circuit interrupting device for deenergizing said biasing rectifying device, closing the parallel connection therefor and energizing the impulsing device.

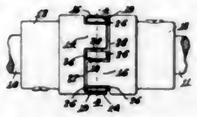
2,060,472
CIRCUIT BREAKER
Jerome Sandin, Wilkins Township, Allegheny County, Pa., assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania
Application April 22, 1927, Serial No. 185,678
34 Claims. (Cl. 200—89)



1. In a switch structure, the combination with means movable for opening and closing the circuit, of an actuating mechanism for said movable means including a single operating member for both opening and closing the circuit, retaining means, a spring exerting a biasing force on the actuating mechanism in switch closing direction at all times, means for increasingly stressing said spring against said retaining means during

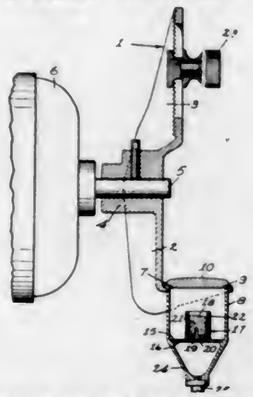
the initial movement of the operating member in one direction to close the circuit, and means for releasing the retaining means at a predetermined point in the movement of the operating member as it continues to move in the same direction whereby the movement is automatically completed by the spring with a snap action.

2,060,473
FLEXIBLE COUPLING
Martin T. Schumb, East Milton, Mass., assignor to Boston Gear Works, Inc., North Quincy, Mass., a corporation of Massachusetts
Application March 3, 1936, Serial No. 66,840
7 Claims. (Cl. 64—9)



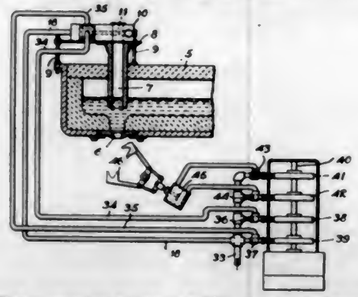
1. A coupling for connecting two substantially aligned rotatable shafts one of which has slight end movement relatively to the other and consisting of a coupling member secured to each shaft, each coupling member having projecting lugs intermeshing with similar lugs on the other coupling member, said lugs having bearing faces flat throughout and which are equally spaced apart and for their entire length being throughout parallel to a plane midway between them and radial to one of said shafts, one of said coupling members having end movement with its shaft relative to the other, and a power-transmitting member mounted between said coupling members and consisting of a central member having radiating arms integral therewith in each of which is freely mounted a hardened steel ball contacting with adjacent flat faces of two of said lugs of opposite coupling members, said arms having a width less than the width of the space between the flat faces of the two adjacent lugs.

2,060,474
MOLDING APPARATUS
Joseph D. Shriber, Los Angeles, Calif.
Application September 21, 1934, Serial No. 744,915
4 Claims. (Cl. 18—5.7)



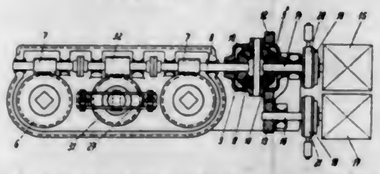
1. In apparatus for molding an article of metal that is capable of forming an amalgam, the combination of a holder to receive a mold for the amalgam, having an annular wall for retaining the amalgam, an envelope capable of absorbing mercury disposed around the holder and extending above the upper edge of the holder so that it will be in contact with the amalgam when placed in the holding chamber, and means for subjecting the holder containing the amalgam to the action of centrifugal force to separate the mercury from the said metal.

2,060,475
APPARATUS FOR FEEDING MOLTEN GLASS
Edward C. Stewart, Washington, Pa., assignor, by mesne assignments, to Hartford-Empire Company, Hartford, Conn., a corporation of Delaware
Application June 15, 1934, Serial No. 730,736
5 Claims. (Cl. 49—55)



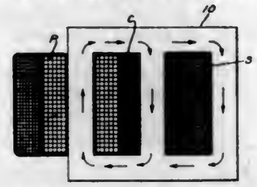
1. The combination with a receptacle for molten glass having a discharge orifice in its bottom, of an air confining enclosure above said orifice and closed at its lower end by the glass, a Venturi device for creating suction within the enclosure, a conduit leading to the Venturi device, a conduit by-passing said Venturi device and leading to the said enclosure, an exhaust port leading from the venturi, a compressed air line, a valve controlling flow from said line to the said conduits and port, and so arranged that in one position it will permit flow of compressed air from the line to the venturi and the said port, and in another position will cut off said flow and close the exhaust port, while establishing communication between said line and the by-pass conduit, and means for periodically operating said valve.

2,060,476
SCREW DOWN FOR ROLLING MILLS
Heinrich Uebing, Lintorf, Regierungsbezirk Duesseldorf, Germany
Application May 22, 1934, Serial No. 726,904
2 Claims. (Cl. 80—56)



1. In a screw-down mechanism for rolling mills comprising an upper and lower roll, bearing boxes for said upper roll, a pair of spaced axially movable screw-spindles operatively engaging said bearing boxes, a lay-shaft extending across said screw spindles, means operatively connecting said lay-shaft with said screw spindles for rotating them in unison, and means adapted to impart four different speeds to said lay-shaft, said means comprising a differential gearing for driving said lay-shaft, two motors each adapted to independently drive a member of said gearing, said motors being further designed to be operated either singly or simultaneously together in the same direction or in opposite directions, whereby said lay-shaft may be selectively driven either with a speed of one of the driven members of said gearing or with the sum or with the difference of said speeds.

2,060,477
REGULATING TRANSFORMER
Arthur M. Unger, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 2, 1935, Serial No. 64
3 Claims. (Cl. 171—119)



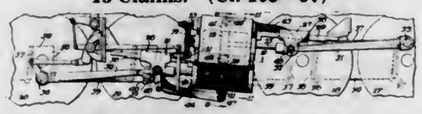
1. In a transformer, the combination of a magnetic core structure having three legs, a primary winding carried by one of the two outer legs of said structure, a saturation-control winding carried by the central leg, and a secondary winding surrounding said primary and saturation-control windings and the two core legs by which they are carried.

2,060,478
ARTIFICIAL TOOTH
Luis M. Valbuena, New York, N. Y.
Application April 15, 1933, Serial No. 666,229
1 Claim. (Cl. 32—8)



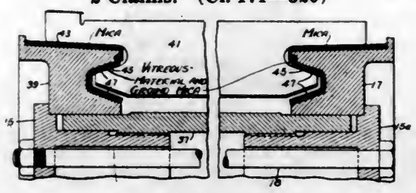
An artificial tooth having a metallic tube passing horizontally therethrough, said tube being closed at one end and open at the other, to form a valve receiving element, the open end of the tube being situated at the surface of the tooth, and an internal circumferential groove situated in the tube to permit removable retention of a valvular element therein.

2,060,479
STEAM LOCOMOTIVE ENGINE
Otis W. Young, Winchendon, Mass.
Application August 2, 1934, Serial No. 738,029
13 Claims. (Cl. 105—37)



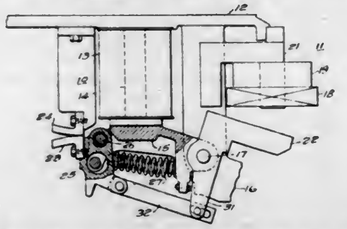
1. In a steam locomotive engine, pairs of driving wheels, each pair carrying an axle, two cylinders at each side between two driving wheels, a piston in one cylinder at each side coupled to a driver in front of the cylinder, a piston in the other cylinder at each side coupled with a driver in the rear of that cylinder, means causing the pistons at each side to move simultaneously and in opposite directions including a lever at each side having an intermediate fulcrum between the two drivers at that side, and means to couple one end of the lever to a driver ahead, and the other end of the lever to a driver behind, with the crank of the driving wheel ahead leading that of the driving wheel behind by 180°.

2,060,480
COMMUTATOR STRUCTURE
Edwin E. Arnold, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application August 17, 1934, Serial No. 740,232
2 Claims. (Cl. 171—320)



1. A commutator structure including a V ring having a high-pressure receiving surface and a low-pressure-receiving surface, a tightly adherent electric-insulating coating comprising a vitreous material and ground mica on the high-pressure receiving surface and a layer of mica at the low-pressure-receiving surface of the V ring.

2,060,481
ELECTRIC SWITCH
Bascum O. Austin, Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 14, 1934, Serial No. 720,611
7 Claims. (Cl. 200—98)

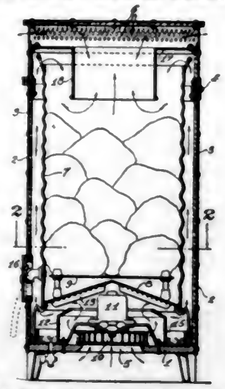


1. In an electric switch, in combination, a fixed contact member, a movable contact member disposed to engage the fixed contact member, a pivotally-mounted contact arm for supporting the movable contact member, means for actuating the movable contact member into engagement with the fixed contact member, and means for opening said contact members to an intermediate position between their fully open and fully closed positions independently of the last named means.

2,060,482
AIR COOLER
Edwin C. Ballman, St. Louis, Mo.
Application July 25, 1932, Serial No. 624,561
5 Claims. (Cl. 62—131)

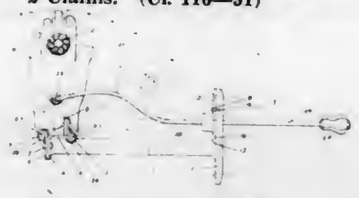
1. An air cooler, comprising, a casing, an ice container therein, an air inlet in the lower part of said casing, an air outlet in the upper part thereof, an air duct in said casing adapted to

conduct a current of air from said inlet upwardly along the side wall of said container to said outlet, means in said duct at the top of said con-



tainer adapted to deflect the air current downwardly against the ice therein, and means in said duct for propelling the air therethrough.

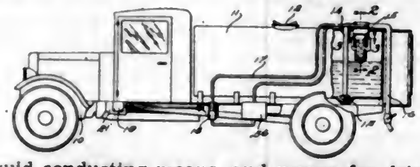
2,060,483
SIGNAL DEVICE FOR MOTOR VEHICLES
Joseph Bamberger, Cincinnati, Ohio
Application October 19, 1934, Serial No. 749,091
2 Claims. (Cl. 116—51)



1. A device of the character specified comprising a plate the rear face of which is beveled, a bar carried by said plate, means for securing said plate with its beveled face in abutment against the frame of a motor vehicle, a hinge leaf secured to the outer end of said bar, a middle hinge leaf pivotally secured to the first leaf and adapted to lie flat on the upper surface of said bar, a third hinge leaf pivotally secured to said middle leaf and adapted to extend upwardly from said bar in a substantially vertical direction, springs adapted normally to maintain said leaves in said positions, an indicating member secured to the third leaf of said hinge, a rod, and a bearing carried by said plate, said rod passing slidably through said bearing and plate and the inner end of said rod extending considerably beyond the corresponding end of said bar, and the other end of said rod being pivotally secured in said indicating member.

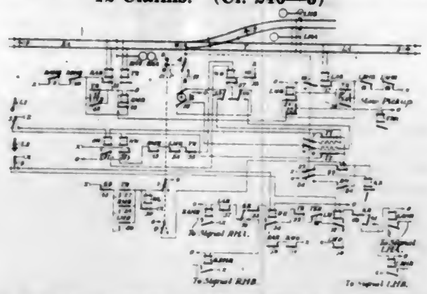
2,060,484
TANK TRUCK AND FLUID CIRCULATING SYSTEM
Edward R. Barrett, Detroit, Mich., assignor to Gar Wood Industries, Inc., a corporation of Michigan
Application May 31, 1935, Serial No. 24,376
8 Claims. (Cl. 221—67)

1. An automotive vehicle truck having a tank thereon, of a pump and motor unit supported in said tank, means for conducting liquid to and from said motor, means for connecting the pump to the interior and exterior of the tank, a pump exterior of said tank for supplying fluid to said



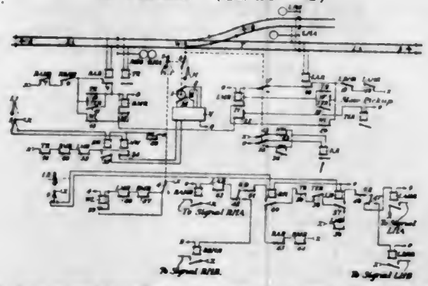
liquid conducting means, and means for driving said exterior pump from the engine of said truck.

2,060,485
RAILWAY TRACK SWITCH CONTROLLING APPARATUS
Charles W. Bell, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application February 19, 1935, Serial No. 7,232
12 Claims. (Cl. 246—3)



9. In combination, a first section of railway track, a second section of railway track including a railway track switch, means controlled from a point remote from said switch for operating the switch, apparatus for conditioning said switch for local operation, a normally energized approach locking relay controlled by traffic conditions in both said sections, and means independent of traffic conditions in said two sections for deenergizing said approach locking relay when said apparatus is actuated to condition said switch for local operation.

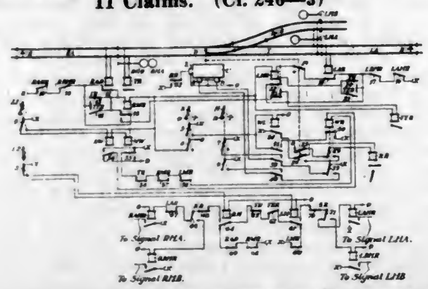
2,060,486
RAILWAY TRACK SWITCH CONTROLLING APPARATUS
Earl M. Allen, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application February 19, 1935, Serial No. 7,233
13 Claims. (Cl. 246—3)



1. In combination, a railway track switch, means including a relay controlled from a point remote from said switch for operating the switch,

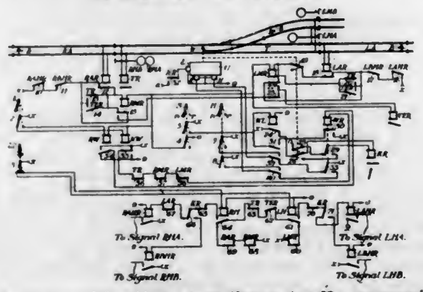
apparatus for conditioning said switch for local operation, a normally energized switch indicating relay, a signal for governing traffic passing over said switch, means including said switch indicating relay for controlling said signal, and means including said first mentioned relay for deenergizing said switch indicating relay to prevent said signal from displaying a proceed indication when said apparatus is actuated to condition said switch for local operation.

2,060,487
RAILWAY TRACK SWITCH CONTROLLING APPARATUS
James J. Vanhorn, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application February 19, 1935, Serial No. 7,234
11 Claims. (Cl. 246—3)



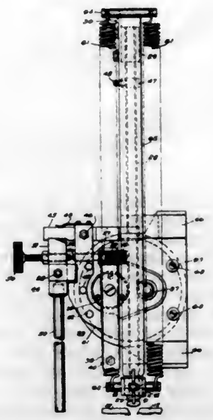
1. In combination, a railway traffic governing device, mechanism for operating said device, remote controlled apparatus for controlling said mechanism, a circuit controller adjacent said mechanism, a lock relay controlled by a selector lever, and means including said lock relay for transferring said mechanism to control by contacts of said circuit controller.

2,060,488
RAILWAY TRACK SWITCH CONTROLLING APPARATUS
James J. Vanhorn, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Original application February 19, 1935, Serial No. 7,234. Divided and this application July 24, 1936, Serial No. 92,409
10 Claims. (Cl. 246—3)



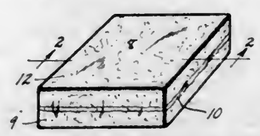
1. In combination, a railway traffic governing device, mechanism for operating said device, remote controlled apparatus for at times controlling said mechanism, a circuit controller adjacent said mechanism, a normally deenergized lock relay, and manually operable means for energizing said lock relay to transfer said mechanism to control by said circuit controller.

2,060,489
WELDING APPARATUS
John H. Blankenbuehler, Swissvale, and Albert C. Hunkeler, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company, a corporation of Pennsylvania
Application April 12, 1932, Serial No. 604,676
5 Claims. (Cl. 219—8)



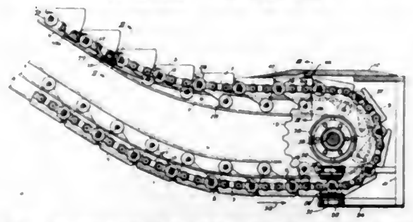
1. An attachment for use with a welding head for feeding short lengths of welding electrodes to perform a welding operation comprising, in combination, support means mounted in fixed relation to the welding head, feeding means for carrying a welding electrode, the feeding means being guided in the support means and having driving connection with the welding head, biasing means mounted in fixed relation to the welding head to control the driving engagement between the feeding means and the welding head, a trip arm disposed to be operatively connected to said biasing means, and trip means carried by the feeding means for engaging said trip arm, thereby releasing the driving connection between the feeding means and the welding head.

2,060,490
ARTICLE OF FOOD—SANDWICH
Albert Borbely, Cleveland, Ohio
Application May 8, 1933, Serial No. 669,806
6 Claims. (Cl. 99—86)



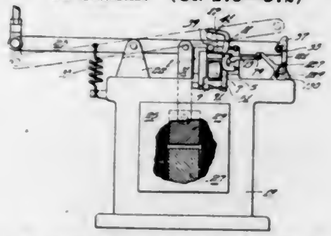
1. The method of preparing a sandwich, which comprises mixing an edible food batter which will serve as a paste to seal two layers of bread together, treating one layer of bread around the edges of one surface thereof with said paste to form an upstanding bead thereon, applying a sandwich filler over the untreated surface of the bread and within the confines of said bead, then applying a second layer of bread to the first layer, then dipping the sandwich thus assembled in a food batter to cause the sealing of the exposed pores of the bread, submitting the dipped sandwich to a deep fat boiling operation and thereafter browning the sandwich by a toasting or broiling operation.

2,060,491
MOVING STAIRWAY
James Dunlop, Park Ridge, Ill., assignor to Westinghouse Electric Elevator Company, Chicago, Ill., a corporation of Illinois
Application July 26, 1935, Serial No. 33,310
12 Claims. (Cl. 198—16)



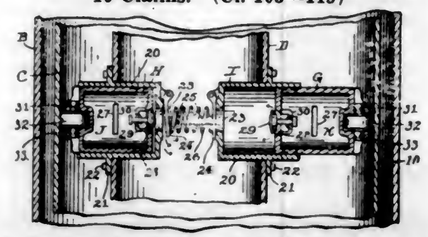
1. In a moving stairway, a frame, a plurality of tracks mounted upon the frame, a plurality of steps, a plurality of rollers mounted on the steps for guiding them along the tracks, a brush mounted on the frame with its brush surface disposed to engage the tread surface of each step as the step passes the brush, a plurality of brushes mounted on the frame with their brush surfaces disposed to engage the rollers as the steps pass, a pair of endless gear chains for moving the steps along the tracks and causing the tread brush and the roller brushes to sweep the treads and the rollers, and a plurality of brushes connected to the chains with their brush surfaces disposed to engage and sweep the tracks as the chains move along the tracks.

2,060,492
ELECTRICAL APPARATUS
Lloyd W. Dyer, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 24, 1934, Serial No. 722,098
11 Claims. (Cl. 175—372)



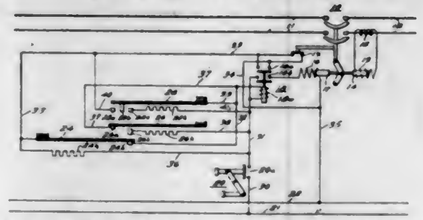
5. In an electro-responsive device, a member movable from a normal inoperative position to an operative position to effect the actuation of said device, a trigger member movable to an untripped position and to a tripped position, said trigger member, when moved from said untripped to said tripped position, being adapted to engage said actuating member and to move that member from said inoperative to said operative position, spring means normally adapted to bias said trigger member to the untripped position, and electro-responsive means for controlling the operation of said device, said electro-responsive means including means movable to cause said spring means to move said trigger member from said untripped position to said tripped position and thereby move said movable member to effect the operation of said device, means for preventing movement of said movable means except upon the occurrence of predetermined conditions, and means for introducing a time delay into the operation of said device.

2,060,493
DEEP WELL PUMP
Ralph S. Fillmore, Bakersfield, Calif.
Application May 15, 1935, Serial No. 21,611
10 Claims. (Cl. 103—119)



1. In combination with a string of casing lining the wall of a well, a string of rotatable tubing extending into the well from the surface of the ground, a cylindrical housing forming a chamber within and carried by the lower end of and in which said tubing is eccentrically journaled, said housing having an admission for liquid from the well, means for holding said housing fixedly in said casing, a reciprocating pump connected with the chamber within the housing and the space within said tubing adapted to conduct the discharge from the pump upwardly to the surface of the ground through said tubing, said pump having a cylinder extending into and radiating through the wall of said tubing and a piston reciprocable therein, the stroke of said piston being disposed transversely to the axis of said tubing, and means operable through the eccentricity of said tubing as related to the cylindrical wall of said housing for converting the rotary movement of said tubing into the reciprocable stroke of said piston.

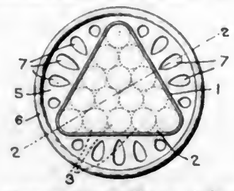
2,060,494
AUTOMATIC CIRCUIT BREAKER RECLOSING MECHANISM
Gayne D. Gamel, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application November 13, 1934, Serial No. 752,815
15 Claims. (Cl. 175—294)



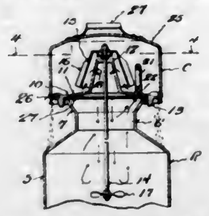
1. A reclosing system for a circuit breaker provided with operating means comprising, in combination, a thermal device having a normal and an operated position, means responsive to the opening of the circuit breaker for initiating the functioning of said thermal device to energize said operating means for reclosing the circuit breaker, and means for maintaining said thermal device in the operated position on the immediate reopening of the circuit breaker.

2,060,495
POOL BALL FRAME
Bedros Giragosian, Watertown, Mass.
Application March 26, 1936, Serial No. 70,912
1 Claim. (Cl. 273—22)

A pool ball frame comprising a continuous vertical wall enclosing a triangular space, said wall having integral therewith near its upper edge an outwardly-extending flange, and said flange having integral therewith at its periphery a continuous circular handhold portion thicker than the flange and which is circular in cross section.

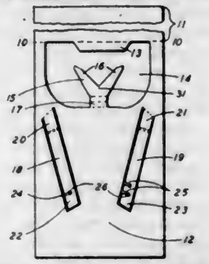


2,060,496
COOLING DEVICE
Roy W. Glaser, Edgar J. Olson, and Andrew Olson, Burlington, Wis.
Application April 29, 1935, Serial No. 18,758
3 Claims. (Cl. 31—4)



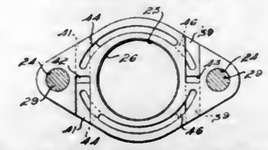
1. A liquid cooler comprising a receptacle containing the liquid to be cooled, a head associated with the receptacle having an axially disposed hollow extension provided with air inlet openings, a rotatable shaft carried by the extension provided with an agitator, a rotor secured to the head and disposed about the extension of said head in spaced relation thereto, an ejector carried by the head having a nozzle disposed substantially tangentially to the blades of the rotor, a cold water pipe connected to the ejector, said ejector having an air inlet opening extending through said head for communication with the interior of the receptacle, and means for leading the cold water from the ejector over the receptacle.

2,060,497
COMBINATION SHIRT BOARD, COLLAR SUPPORT, AND ENVELOPE FOR LAUNDERED SHIRTS
Joseph Cohen, New York, N. Y., assignor of one-half to Hyman Ratner, Brooklyn, N. Y.
Application August 29, 1935, Serial No. 38,396
10 Claims. (Cl. 223—71)



1. A combination shirt board and envelope comprising a shirt board member and a front piece member attached to one end thereof, said front piece being formed with an opening near its attachment to the board member sufficient to clear the collar of the shirt, means about said opening for holding the collar in a relatively fixed position, and bands integral with the front piece member adapted to be drawn around the front piece and shirt board members and to enclose the shirt behind the shirt board member.

2,060,498
GASKET FOR INTERNAL COMBUSTION ENGINES
Arthur F. Gobb, Wyandotte, Mich., assignor to McCord Radiator & Mfg. Co., Detroit, Mich., a corporation of Maine
Application September 29, 1934, Serial No. 746,044
9 Claims. (Cl. 288—1)



1. In a gasket, a plurality of sheets of gasket material, each of said sheets having cut-out portions therein, said portions being so arranged and said sheets being so superimposed as to form a plurality of passageways through the body of said gasket substantially parallel to a bearing face thereof.

2,060,499
FISHING LEADER
John Heidrich, Los Angeles, Calif.
Application March 23, 1936, Serial No. 70,266
9 Claims. (Cl. 43—28)

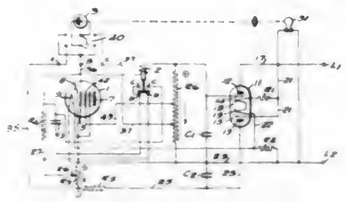


1. A leader comprising a line, a flexible tube through which said line extends, said line being reversely threaded through said tube to form a loop and extending from the upper end of said tube, and means to secure the extremity of said line from retraction through said tube.

2,060,500
LIGHT RELAY
Richard C. Hitchcock, Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 30, 1934, Serial No. 718,282
5 Claims. (Cl. 250—41.5)

1. In a light relay, an amplifying discharge device having an anode, a cathode and a control

electrode effective at a predetermined potential to initiate a discharge between said anode and cathode and effective at a given potential more negative than said predetermined potential to prevent such discharge, a photo-electric element effective to pass a current under predetermined conditions of illumination, potential supply means for said discharge device including an anode connection, a first tap for supplying a bias



potential to said control electrode, said tap including a resistance element, a second tap for providing a potential more positive than said predetermined potential, and a third tap for providing a potential more negative than said given potential, manually adjustable means for selectively connecting said photo-electric element between said first and second taps or between said first and third taps, and a translating device included in said plate connection.

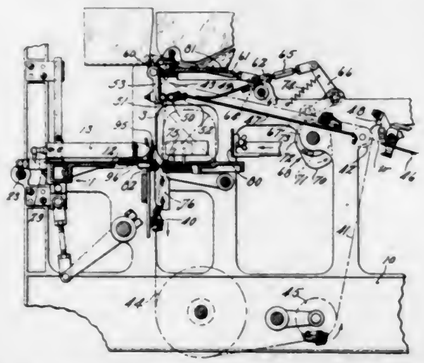
2,060,501

BREAD WRAPPING MACHINE

William Hoppe, Springfield, Mass., assignor to National Bread Wrapping Machine Co., Springfield, Mass., a corporation of Massachusetts

Application April 12, 1934, Serial No. 720,162

24 Claims. (Cl. 93—2)



1. A wrapping machine comprising a gripper continuously movable through an endless path and adapted to carry a wrapper blank by engagement with its leading edge, a yielding surfaced normally freely rotatable roll spring mounted at one side of the gripper path, a second yielding surfaced normally freely rotatable roll movably mounted at the opposite side of the gripper path, means for pressing the second roll into contact with the first after the passage of the gripper to guide the trailing portion of the wrapper blank and maintain an equality of feed between its two edges, means for opening the gripper to release the wrapper blank, and means for folding the wrapper blank around the article while its trailing end is still held by the rolls.

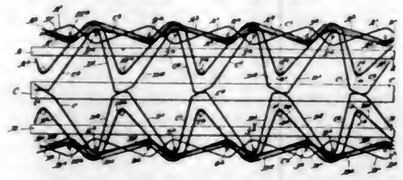
2,060,502

METHOD OF WEAVING PILE FABRICS

Frank M. Kaufman, Merion, Pa., assignor to Collins & Aikman Corporation, Philadelphia, Pa., a corporation of Delaware

Application April 12, 1933, Serial No. 665,724

1 Claim. (Cl. 139—398)



In the method of weaving double fabrics with a set of pile loops gauges for controlling the length of loops on each fabric, the steps which consist in laying a weft above the upper set of gauges and laying a weft below the lower set of gauges, interlacing with the first weft ground warps and a plurality of pile warps; interlacing with the second weft ground warps and a plurality of pile warps; laying a further weft above the upper set of gauges, laying a further weft below the lower set of gauges, interlacing with the third named weft the first named ground warps and a portion only of the first named pile warps; interlacing with the fourth named weft the second named ground warps and a portion only of the second named pile warps; laying a further weft below the upper set of gauges, laying a further weft above the lower set of gauges; interlacing with the fifth named weft warps interlaced with the first named weft which were not interlaced with the third named weft; interlacing with the sixth named weft pile warps interlaced with the second named weft which were not interlaced with the fourth named weft; laying a further weft above the upper set of gauges, laying a further weft below the lower set of gauges; interlacing with the seventh named weft the pile warps interlaced with the fifth named weft and pile warps interlaced with the second named weft; and interlacing with the eighth named weft pile warps interlaced with the sixth named weft and pile warps interlaced with the first named weft.

2,060,503

NATURAL COLORED MOTION PICTURE APPARATUS

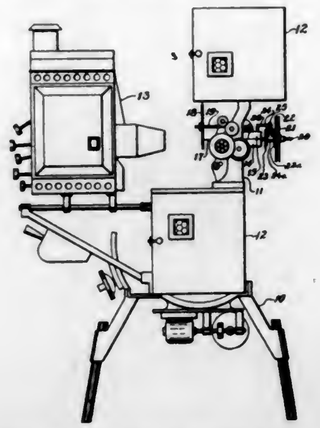
Thomas A. Killman and Robert T. Killman, Nashville, Tenn.

Application September 16, 1935, Serial No. 40,774

5 Claims. (Cl. 88—16.4)

1. In a motion picture projector the combination of an aperture plate designed to accommodate two standard picture frames; intermittent means for advancing a film one frame at a time; a source of light; a rotatable filter plate interposed in the light beam between the film and light source, said filter plate being divided into halves along a diameter, one half bearing two semi-annular color filter areas of substantially complementary color, the other half of the filter plate being uniformly darkened and without color value, the rotation of said filter plate being so timed in consonance with the movement of the film that the portion of the plate bearing the two substantially complementary colors is interposed in the light beam at the time two frames, which were photographed at the same time, occupy the aperture, and the darkened portion of the plate is interposed in the light beam

at the time two frames, which were not photographed at the same time, occupy the aperture; twin lenses adapted to receive the light beams from the two frames occupying the aperture and to focus them in superimposed relation upon a screen; a dividing septum extending from the filter plate to the film; a second septum extending from the film through and between the twin lenses; shutter means adapted to cut off simultaneously two light beams from the twin lenses,



said means comprising a shutter shaft, a shutter blade mounted upon said shaft and adapted to be rotated thereby, a second shutter blade rotatably mounted upon said shaft, a bevel gear attached to said last mentioned blade, a bevel gear fixed upon the shaft, a bevel pinion shaft, a bevel pinion mounted thereon and meshing with the two bevel gears, stationary means supporting the bevel pinion shaft, said gearing causing the two shutter blades to rotate in opposite directions.

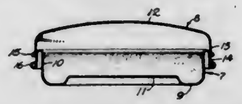
2,060,504

SHEET METAL CONTAINER

John H. Kjellstrom, Rockford, Ill., assignor to J. L. Clark Manufacturing Co., Rockford, Ill., a corporation of Illinois

Application May 1, 1935, Serial No. 19,177

4 Claims. (Cl. 220—42)



1. A box of the character set forth, comprising a base having a bottom wall and a peripheral upright side wall, a cover having a top wall and a peripheral flange of a diameter throughout its vertical plane surface substantially greater than said side wall of the base, said cover flange tapering outwardly and downwardly and terminating in a rounded lower edge, and said base having an annular flange formed integral with its side wall and bent outwardly and downwardly at an angle slightly greater than the inclination of the cover flange, said two flanges being adapted to interengage frictionally with each other, and an annular bead on the lower edge of the base flange projecting outwardly beyond said rounded lower edge of the cover flange in the assembled relation of the parts.

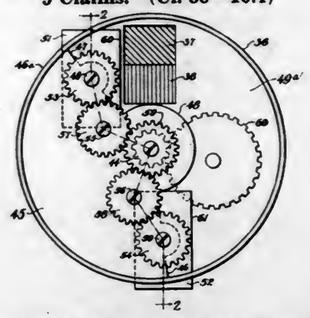
2,060,505

COLORED MOTION PICTURE CAMERA

Thomas A. Killman and Robert T. Killman, Nashville, Tenn.

Original application September 16, 1935, Serial No. 40,774. Divided and this application February 26, 1936, Serial No. 65,857

5 Claims. (Cl. 88—16.4)



1. A cinematograph camera for producing color sensation records, comprising a double sized film aperture, an optical light beam dividing and directing system composed of plane non-refracting reflectors and cooperating matched lenses through which the component beams are transmitted to a common focal plane to produce a plurality of images from the same aspect of view on adjacent picture areas of the film; color filters bearing substantially complementary colors interposed in each component beam; a shutter comprising a rotatable sector disk supporting a plurality of separately rotatable shutter segments each having a vertically disposed edge for cutting the light beams, and gear means for maintaining the vertical position of said edge during rotation of said sector disk.

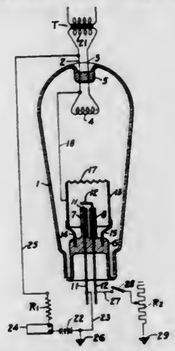
2,060,506

ELECTRIC DISCHARGE DEVICE

Dewey D. Knowles, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application July 30, 1932, Serial No. 626,847

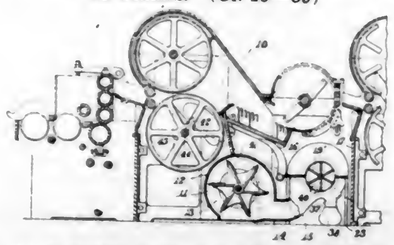
5 Claims. (Cl. 250—27)



1. In combination a gaseous discharge device comprising an anode, a control grid adjacent thereto, a cathode remotely disposed and adapted to be heated, means for energizing said cathode, a cold cathode comprising an enclosing casing surrounding said anode and grid, the wall of said casing adjacent the energized cathode having an open mesh area, a translating device, a source of

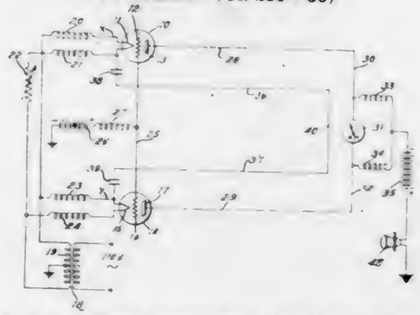
current connected between the anode and said energized cathode through said translating device, a source of current connected between the anode and said cold cathode, and a potential varying circuit connecting said control grid and anode.

2,060,507
DUST REMOVER FOR PICKERS
Harry W. Knowlton, Lowell, Mass., assignor to Knowlton & Newton Co. Inc., Lowell, Mass., a corporation of Massachusetts
Application March 14, 1936, Serial No. 68,843
15 Claims. (Cl. 19—89)



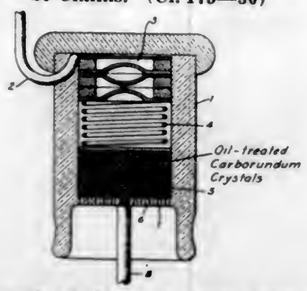
1. In a picker provided with a revoluble fan; an enclosure for said fan having an outlet therefrom and an inlet thereto from the picker mechanism; a housing in a closed chamber of said picker; an open ended rotatable drum within said housing having a plurality of small perforations in its periphery, the periphery of said drum and the wall of said housing forming a closed air passage substantially surrounding said drum one end of said passage communicating directly with the outlet from said fan enclosure; yielding means at the other end of said passage for controlling the discharge of dust passing through said passage, and an air outlet extending from an open end of said drum into said closed chamber.

2,060,508
SHORT WAVE OSCILLATOR
Henry N. Kozanowski, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania
Application October 3, 1931, Serial No. 566,604
Renewed August 30, 1934
10 Claims. (Cl. 250—36)



1. An oscillator comprising two vacuum tubes, each tube having a cathode, an anode, and a grid, means for connecting said grids together electrically, means for maintaining said grids at a positive potential with respect to said cathodes, a pair of Lecher wires and means for connecting them to said cathodes, a second pair of Lecher wires positioned substantially parallel to said first pair and connected to said anodes said pairs of Lecher wires being coupled, and means for applying a potential to said anodes lower than that applied to said grids whereby short waves may be produced.

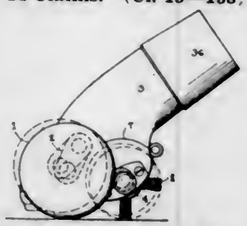
2,060,509
ARRESTER OF EXTREMELY HIGH DISCHARGE CAPACITY
Charles E. Krause, Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 15, 1934, Serial No. 715,613
20 Claims. (Cl. 175—30)



2. A granular lightning arrester having space-discharge paths between a large number of granules, and having heat-volatile non-conducting material therein for producing a relatively non-conducting gas-blast in said space-discharge paths for interrupting a discharge therein.

5. A porous lightning arrester having a substantially insulating liquid therein.

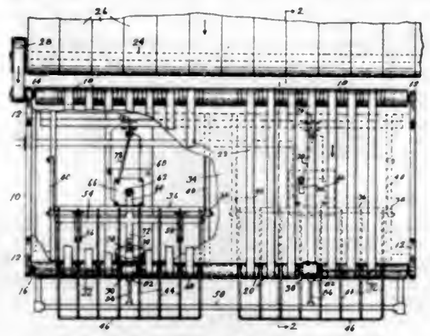
2,060,510
SUCTION SWEEPER NOZZLE FOR SUCTION CLEANERS
Ward Leathers, Haworth, N. J., assignor to Quadrex Corporation, a corporation of Delaware
Application February 28, 1934, Serial No. 713,346
14 Claims. (Cl. 15—158)



1. In combination with a suction cleaner of the continuous suction type, a floor nozzle, wheels supporting said nozzle on the floor, connecting means between said wheels and nozzle operated by one stroke of the cleaner to raise the nozzle relatively to the floor and to lower it during the opposite stroke, and a rotary brush supported at the mouth of the nozzle with which said floor wheels come into driving engagement during the stroke of the cleaner when the nozzle is raised.

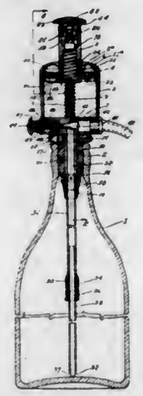
2,060,511
PILLOWCASE TURNER AND DOFFER
Harry D. Learnard and Herbert R. Mathewson, Lyman, S. C., assignors to Pacific Mills, Lawrence, Mass., a corporation of Massachusetts
Application November 3, 1934, Serial No. 751,363
18 Claims. (Cl. 271—63)

1. A pillowcase doffing system comprising a conveyor belt system on which the pillowcases are supported and advanced, a delivery bar disposed below and forwardly of the forward end of said belt system, a reciprocating frame for draping the pillowcases upon said bar, said frame being disposed behind and under the pillowcases



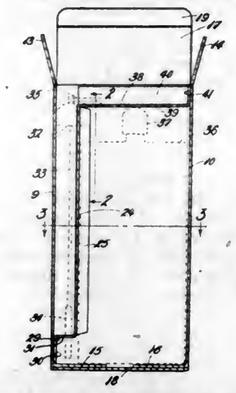
as they pass from said conveyor and being reciprocable into positions respectively rearwardly and forwardly of said bar, and means controlled by the pillowcases on said conveyor for effecting reciprocation of said frame.

2,060,512
LIQUID DISPENSING DEVICE
Herbert L. Magill, Chicago, Ill.
Application December 16, 1935, Serial No. 54,614
10 Claims. (Cl. 225—22)



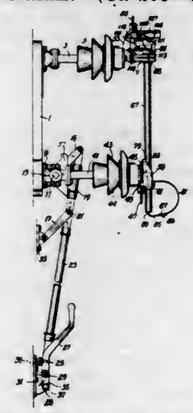
2. A liquid dispensing device comprising an air pump including a cylinder having a bottom wall with a stem extending rigidly downward therefrom, a piston in the cylinder, an operating stem for the piston extending upwardly through the top of the cylinder, a spring normally urging said piston to its upper limit, said bottom wall having an outlet port and the stem having a passage communicating therewith, means for sealably securing the stem in the neck of a bottle or other container with said outlet passage opening into the cavity of the container, a check valve for the outlet port in the bottom wall of the pump cylinder, said stem having a second passage and a conduit communicating therewith adapted to extend substantially to the bottom of the container, an outlet for said second passage being formed in the bottom wall of the cylinder and a discharge spout for said outlet.

2,060,513
PACKAGE
Frank A. Marx, Cincinnati, Ohio, assignor to The Richardson Taylor-Globe Corporation, Cincinnati, Ohio, a corporation of Ohio
Application November 25, 1935, Serial No. 51,412
7 Claims. (Cl. 229—27)



4. A container comprising front, back and side walls, end closures, a partition extending between the front and back walls and providing two compartments in the container, said partition terminating short of the top of the container, one of the compartments formed by the partition being adapted to have disposed therein a bottle extending upwardly in the container to substantially the same height as the top edge of said partition, and a tray adapted to be placed in the top of the container and to be supported on the top edge of said partition and on the top of a positioned bottle, the tray being adapted to hold dispensing accessories, direction slips and the like, a dispensing device or the like being receivable in the other of said compartments.

2,060,514
FUSE SWITCH
Claud L. Matthews and Theodore Birkenmaier, St. Louis, Mo., assignors to W. N. Matthews Corporation, St. Louis, Mo., a corporation of Missouri
Application April 29, 1935, Serial No. 18,834
25 Claims. (Cl. 200—114)



16. In apparatus of the class described, a pair of terminal-engaging elements, a tube connecting

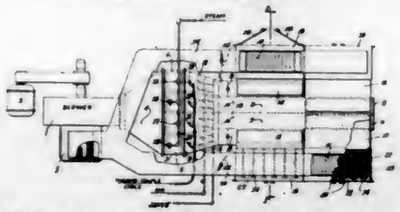
the same, a link passing through the tube, spring tensioning means adapted to withdraw the link from the tube, means for holding one end of the link against withdrawal, said last-named means comprising a movable anvil, spring-pressed means adapted to be forced toward said anvil to hold the end of the link, line terminals, means for moving said terminal-engaging elements into and out of contact with line terminals, and means for automatically moving said spring-pressed means away from said anvil to release the link in response to movement of the tube in a direction to disconnect said terminal-engaging elements from said line terminals.

2,060,515

TREATMENT OF CELLULOSE FILAMENTS

Thomas McConnell, Northampton, Mass., assignor to Hampton Company, Easthampton, Mass., a corporation of Massachusetts

Application February 15, 1935, Serial No. 6,664
1 Claim. (Cl. 34—26)



A drying apparatus for rayon cakes comprising a plurality of rows of discrete drying compartments arranged back to back, ducts passing between the compartments and associated one with each compartment, a plurality of horizontally extending perforated tubes located in each compartment and connected to the associated duct, means for confining rayon cakes on said tubes to constrain air passing through the tubes to permeate the body of the cakes, means for forcing air under pressure through said ducts and tubes, means for controlling the temperature and humidity conditions of said air, means for controlling the flow of air through each duct independently of the other ducts, a door on that side of each compartment adjacent to the ends of the perforated tubes and mounted to permit free access to all said tubes and to permit escape of any desired amount of heated air from the compartment while maintaining a heated atmosphere around the cakes, and ducts connected with the upper portions of the compartments and with the forcing means to cause recirculation of a desired amount of the air.

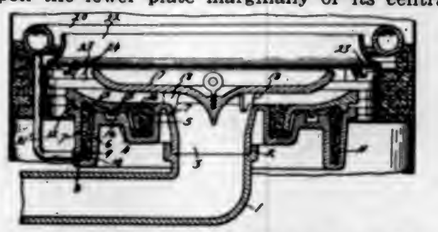
2,060,516

OIL BURNER

William Woodford McIntyre, Detroit, Mich., assignor of one-half to H. Arnott Armstrong, Detroit, Mich.

Application June 7, 1933, Serial No. 674,629
Renewed April 8, 1936
12 Claims. (Cl. 158—70)

1. A liquid fuel burner comprising a lower burner plate having a central air opening, and formed outwardly from said opening with an annular trough, a bed of porous fire-resistant material in said trough, a duct delivering air upwardly to said central opening, means for delivering liquid fuel to said trough, an annular upper burner plate resting upon the lower burner plate outwardly of said trough, and spaced above the lower plate to form a substantially annular passage for delivering liquid fuel inwardly from said trough to the inner margin of said upper plate, and a deflector plate freely seated upon the lower plate marginally of its central



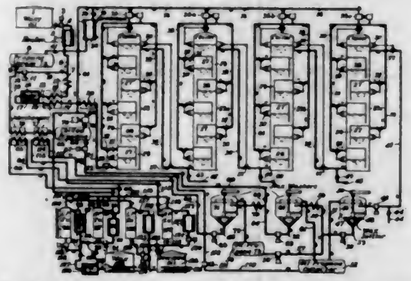
opening and covering said central opening thereof and spaced above the upper burner plate in substantial parallelism therewith to direct the air and flames outwardly across the upper burner plate.

2,060,517

PROCESS AND APPARATUS FOR DEWAXING OILS

David R. Merrill, Long Beach, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California

Application May 22, 1934, Serial No. 726,969
23 Claims. (Cl. 62—170)



13. A process for chilling liquids which comprises mixing the liquid to be chilled with a volatile liquid refrigerant under superatmospheric pressure, maintaining a column of the mixture of liquid refrigerant and liquid to be chilled in a chilling column, introducing the mixture to be chilled into the bottom of the chilling column under a pressure substantially equal to the hydrostatic head of mixture in the chilling column plus the vapor pressure of the mixture at the top of said chilling column, chilling the mixture in said chilling column by reduction in hydrostatic head as it flows upwardly in said column, withdrawing vaporized refrigerant from the chilling column resulting from said release in pressure and withdrawing chilled mixture from the column at a point above the point of introduction of said mixture into said chilling column.

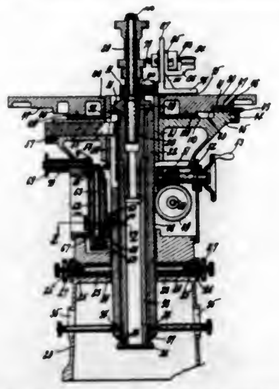
2,060,518

MACHINE FOR MEASURING GEARS AND HELICAL LEADS

Edward W. Miller, Springfield, Vt., assignor to The Fellows Gear Shaper Company, Springfield, Vt., a corporation of Vermont

Application November 25, 1933, Serial No. 699,727
40 Claims. (Cl. 33—174)

1. A machine for testing and measuring the tooth faces of gears and the lead of helical gears and other helicoidal surfaces, comprising supporting structure, a holder for the article to be measured mounted on the supporting structure, a feeler adapted to be placed in contact with a surface of such article, a carrier for the feeler movable bodily on the supporting structure around the article being measured, and with respect to which the feeler is independently mova-



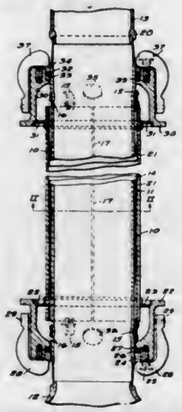
ble, and means engaged with the supporting structure and the article holder for effecting a relative axial displacement between the article and the feeler whereby to bring the feeler into measuring relationship with axially separated zones of the article.

2,060,519

WATER COOLED VACUUM TUBE

Ilia E. Mouromtseff, Wilkinsburg, Pa., and Gregory V. Rylsky, New York, N. Y., assignors to Westinghouse Electric and Manufacturing Company, a corporation of Pennsylvania

Application February 6, 1932, Serial No. 591,338
7 Claims. (Cl. 250—27.5)



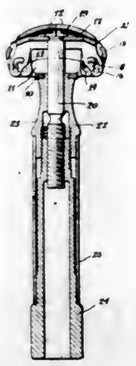
1. A cooling system for an electron-discharge device comprising an evacuated envelope, a cylinder having longitudinal grooves which forms a portion of said envelope and which acts as an electrode, another electrode cooperating therewith a sheath surrounding said first-named cylinder, said anode being adapted to be cooled by a rapid flow of fluid between said cylinder and said sheath, the distance between the bottom of said longitudinal grooves and the inner surface of the sheath being small compared with the diameter of said cylinder.

2,060,520

SAFETY RAZOR

Joseph Muros, Belmont, Mass., assignor to Gillette Safety Razor Company, Boston, Mass., a corporation of Delaware

Application October 16, 1935, Serial No. 45,299
6 Claims. (Cl. 30—61)



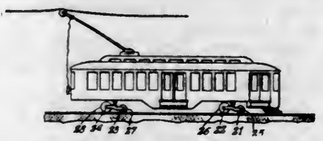
1. A safety razor having, in combination, a stationary support, cap sections pivotally mounted thereon, a movable blade-supporting plate and an angle slot and pin connection between said plate and the cap sections, whereby, in the upward movement of the plate the cap sections are first closed and then locked in closed position by said connection.

2,060,521

ELECTRIC VEHICLE

Simeon E. Newhouse, Forest Hills, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application October 18, 1934, Serial No. 748,881
9 Claims. (Cl. 105—61)



1. In an electric vehicle, the combination with a truck having a leading and a trailing wheeled axle, of a motor for driving each axle, said motors having similar speed and torque characteristics, means for applying the same voltage to each motor, and means for causing the motor on the leading axle to revolve at a higher speed than the motor on the trailing axle, thereby tending to prevent wheel slippage.

2,060,522

NITROSOGUANIDINE AS A PRIMING INGREDIENT

Fredrich Olsen and Frederick R. Seavey, Alton, Ill., assignors to Western Cartridge Company, East Alton, Ill., a corporation of Delaware

No Drawing. Application June 30, 1934,
Serial No. 733,336
14 Claims. (Cl. 52—4)

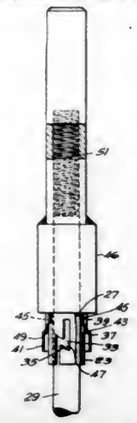
1. A priming mixture containing nitrosoguanidine.

2,060,523

BEATER ROD LOCKING DEVICE

Lewis C. Packer, Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application March 29, 1934, Serial No. 717,970
6 Claims. (Cl. 287—103)



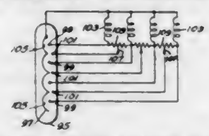
1. In a beater assembly, a hollow drive shaft having a slot of Z-shape extending substantially axially of the wall at one end thereof, a sleeve on the shaft having an inner end portion movable axially only thereon and having an outer end portion of enlarged inner diameter, a beater shaft, having a radial lug thereon, adapted to fit into the hollow drive shaft with the lug extending into the slot of Z-shape and radially beyond the same and held therein against rotary movement by the inner end portion of the sleeve.

2,060,524

PHOTOSENSITIVE TUBE

William Maurice Patterson, Fairland, Ind., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Original application June 11, 1931, Serial No. 543,507. Divided and this application June 2, 1933, Serial No. 673,994
6 Claims. (Cl. 250—27.5)



1. An article of manufacture comprising a container having a photo-sensitive element disposed therein, said element being formed into a plurality of arcs of circular cylinders, and a plurality of charge-collectors disposed at the centers of curvatures of said arcs.

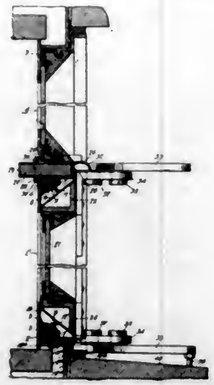
2,060,525

WINDOW CONSTRUCTION

Edmund Peremi and Louis Toth, Manhasset, N. Y.

Application September 29, 1933, Serial No. 691,553
Renewed January 31, 1935
25 Claims. (Cl. 189—75)

3. A window frame comprising a frame member having an L-shaped flange along its edge at the outside of the window, the outer leg of the L-shaped flange which extends transversely to the plane of the window being thickened towards its outer or free edge so as to provide an undercut caulking pocket between said flange and a surface of the masonry in which the window frame is set transverse to the plane of the window.



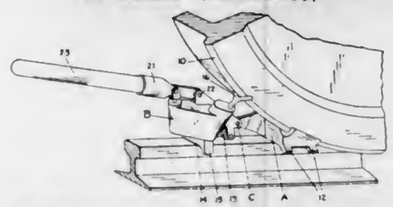
9. In window frame construction a transom bar or mullion comprising a base portion having flanges extending from opposite sides thereof in a plane parallel to the plane of the window, each side of said base portion and the flange extending therefrom being provided with co-operating webs extending longitudinally thereof and adapted to form a partially closed pocket in the corner between the base portion and flange.

2,060,526

CAR MOVER

Carl E. Peterson, Redondo Beach, Calif.

Application December 29, 1934, Serial No. 759,701
11 Claims. (Cl. 254—35)



1. A car mover including a jack having a casing and a rocking support therefor, said support being substantially semicylindrical and having a plurality of serrations on its rounded under surface, a rod slidable relative to said casing and in the direction of its length, said rod lying within a straight line determined by points in the upper inner edge of a rail and in the flange of a car wheel, and a fork at the free extremity of said rod for engaging the flange of the car wheel.

2,060,527

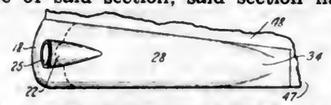
COMBINED FENDER AND LAMP HOUSING

Peter Peterson, Toledo, Ohio, assignor to The City Auto Stamping Company, Toledo, Ohio, a corporation of Ohio

Original application January 7, 1936, Serial No. 57,973. Divided and this application June 4, 1936, Serial No. 83,526
6 Claims. (Cl. 280—152)

3. A complemental sheet metal section for a combined transversely crowned fender and headlamp casing located adjacent the crowned portion thereof which is integrally formed with a part of both the fender and lamp casing, said

lamp casing portion having a sharp curvature relative to the curvature of the fender portion, and said lamp casing portion located adjacent an edge of said section, said section having a



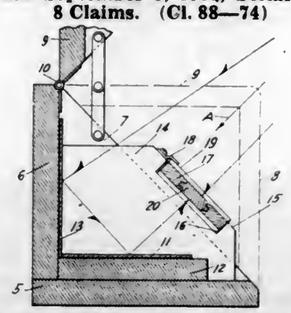
line edge passing therethrough adapted to be united to a complementary section, and said section alone being of insufficient size for the combined fender and lamp casing.

2,060,528

DEVICE FOR FACILITATING THE READING OF A SLIDE RULE

Willard C. Powell, Dayton, Ohio

Application September 3, 1935, Serial No. 38,913
8 Claims. (Cl. 88—74)



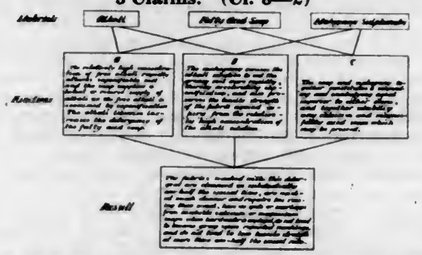
1. In a device for simultaneously exposing the markings on the front and rear sides of a slide rule, supporting members spaced one from the other, having parts arranged in an inclined plane to engage a slide rule and support the same in a tranversely inclined position and having means to retain the rule thereon, and two mirrors supported between said supporting members and to the rear of the position occupied by a rule on said supporting members, said mirrors being arranged in intersecting planes to reflect the markings on the rear side of said rule in reading position across a longitudinal edge of said rule and toward an operator who is in a position to read the markings on the front side of said rule.

2,060,529

METHOD OF REMOVING SERICIN FROM SILK

Warren T. Reddish, Cincinnati, Ohio, assignor to Emery Industries, Inc., Cincinnati, Ohio, a corporation of Ohio

Original application September 21, 1933, Serial No. 690,390. Divided and this application June 25, 1934, Serial No. 732,389
5 Claims. (Cl. 8—2)



3. A raw silk degumming process, comprising, treating the raw silk in a hot aqueous bath comprising, mahogany sulphonates in admixture with water soluble fatty acid soap, and an alkaline salt adapted when dissolved in water to yield a free alkali.

2,060,530

ELECTROPLATING

Alfred F. Reilly, North Attleboro, Mass., assignor to Evans Case Company, North Attleboro, Mass., a corporation of Massachusetts

No Drawing. Application June 20, 1935, Serial No. 27,610
7 Claims. (Cl. 91—73)

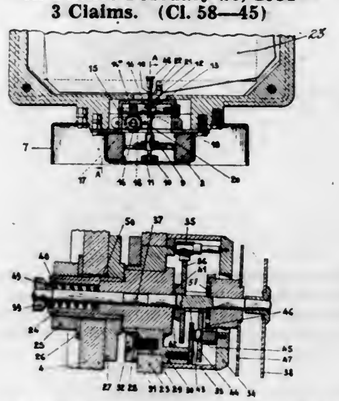
5. Electrolytically depositing on iron a layer of pure silver from a cyanide bath containing 3 to 5 times as much copper as silver maintained at a temperature of from 118° to 140° F. by means of an electric current of from .22 to .25 volt, and baking clear enamel over the coating at a temperature of from 1200° to 1400° F.

2,060,531

CLOCK PROVIDED WITH A TRANSPARENT DIAL AND AN INVISIBLE MECHANISM

Charles Hilaire Henri Rodanet, Neuilly-sur-Seine, France, assignor to Société Anonyme: Etablissements Ed. Jaeger, Levallois-Perret, France

Application January 23, 1935, Serial No. 3,153
In France February 26, 1934
3 Claims. (Cl. 58—45)



1. In a clock, in combination two transparent plates, one of which constitutes the dial, an intermediate transparent plate arranged between the first two plates, a support fixed on one of the said plates for centrally supporting the intermediate plate, two indicating hands mounted coaxially to the support, means for operatively connecting the said hands, a synchronous motor, with a rotor rotating with a continuous movement, an oscillating lever pivoted at a fixed point and having one end engaging with the intermediate plate, a crank for imparting to the said lever and the intermediate plate rocking movements, means for operatively connecting the said crank to the rotor of the motor and means for connecting the indicating hands with the intermediate plate.

2,060,532

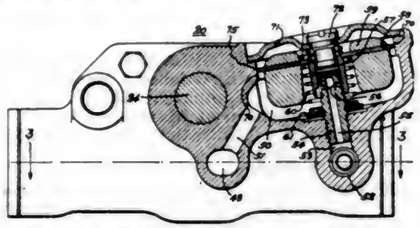
SHOCK ABSORBER

Edwin F. Rossman, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application February 28, 1936, Serial No. 66,174
5 Claims. (Cl. 188—88)

1. In a hydraulic shock absorber having a casing providing a cylinder in which a piston forms

a displacement chamber, the combination with an outlet duct for said chamber; of a valve for controlling the flow of fluid from said duct; an



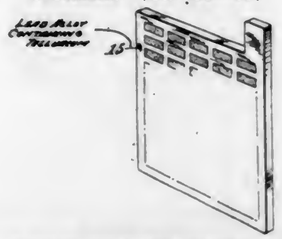
inertia mass; and means for securing the mass to said valve and cooperating with the casing to provide a dash-pot for impeding movement of said mass.

2,060,533

MANUFACTURE OF LEADEN ARTICLES

William Singleton, Wembley, William Hulme, Bush Hill Park, and Brinley Jones, Blackheath, London, England, assignors to Goodlass Wall and Lead Industries Limited, London, England, a British company

Application November 22, 1933, Serial No. 699,282
In Great Britain December 8, 1932
8 Claims. (Cl. 136—65)



1. An electrode for a lead storage battery comprising a lead alloy consisting preponderatingly of lead and the balance consisting of tellurium in a proportion not exceeding 0.25% of tellurium.

2,060,534

LEAD ALLOY

William Singleton, Wembley, William Hulme, Bush Hill Park, and Brinley Jones, Ealing, London, England, assignors to Goodlass Wall and Lead Industries Limited, London, England, a British company

No Drawing. Application July 25, 1935, Serial No. 33,180
In Great Britain November 19, 1931
26 Claims. (Cl. 148—32)

10. A lead-base alloy consisting of at least 85% lead, any remainder being composed of at least one metal selected from the group consisting of tin, antimony and cadmium, and a small proportion of tellurium in amount of from about 0.02% to about 0.1%, said tellurium being distributed substantially uniformly throughout said alloy, said alloy being characterized, as compared with alloys otherwise similar but containing no tellurium, by substantially smaller grain size and by increased resistance to grain growth and intercrystalline cracking.

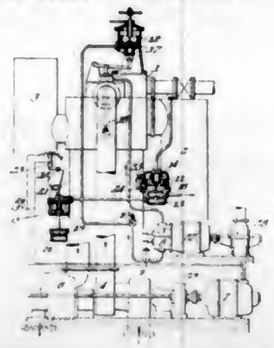
20. A lead-base alloy composed entirely of lead and a small proportion of tellurium less than 0.25% but not less than about 0.02%, said alloy having increased toughness and strength imparted thereto by cold working.

2,060,535

AUTOMATIC REGULATING SYSTEM FOR PRESSURE-FIRED STEAM BOILERS AND THE LIKE

Claude Seippel, Ennetbaden, Switzerland, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland

Application August 31, 1935, Serial No. 38,819
In Germany September 14, 1934
8 Claims. (Cl. 236—26)



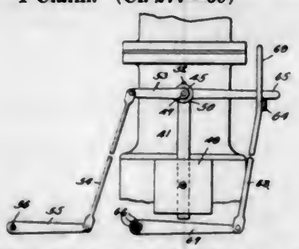
1. The combination with a pressure fired device comprising means for supplying fuel, means for supplying air for combustion of the fuel under pressure, and means driven by the resulting combustion gases connected to drive said means for supplying air, of a motor associated with said means driven by the combustion gases for regulating the speed thereof, the speed of said motor being controlled in accordance with the operation of said device and means controlled in accordance with the operation of the device for regulating the supply of fuel.

2,060,536

FUEL CONTROL MEANS FOR AIRSHIP ENGINES

John H. Smith, Meadville, Pa.

Application March 20, 1933, Serial No. 661,829
1 Claim. (Cl. 277—69)



The combination with the fuel intake of a motor, of a butterfly valve therefor including a ring constituting an outer valve section tiltably mounted and normally in closed position within the intake, a trunnion co-axial with the ring, a pendulum suspended from and having a lost motion connection with the trunnion for maintaining the ring horizontal independently of the pitch of the motor when the motor is either level or tilted downwardly in one direction, said connection constituting means for rendering the pendulum non-effective when the motor is tilted in the opposite direction, thereby to leave the ring in normal or closed position, a plate carried by the ring and tiltable in either direction relative thereto, said plate constituting the inner valve member and

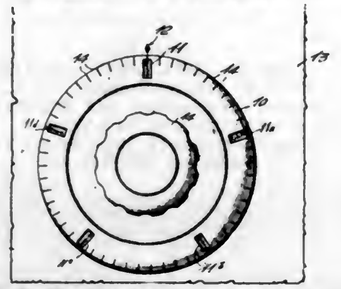
normally closing the ring, the ring and plate being tiltable about a common axis, a stem projecting from the plate and rotatable within the trunnion, and means under the control of a pilot for tilting the plate independently of the ring and pendulum.

2,060,537

INDICATING DEVICE

William Graydon Smith, Newton Highlands, Mass., assignor to National Company, Inc., Malden, Mass., a corporation of Massachusetts

Application June 4, 1936, Serial No. 83,579
18 Claims. (Cl. 116—124.3)



1. An indicating device comprising in combination rotatable scale means, a rotatable mask having means for revealing selected parts of the scale of said scale means during rotation thereof, and means for rotating the scale of said scale means and the scale revealing means of said mask at essentially the same linear velocity but at different angular velocities.

2,060,538

CARBURETOR

James A. Speed, Los Angeles, Calif.

Application June 28, 1935, Serial No. 28,855
4 Claims. (Cl. 261—41)



1. In a carburetor, a fuel and air mixing chamber, a plurality of jets for directing fuel toward said chamber, means for supplying fuel to said jets, means for directing air to said chamber past said jets including a plurality of separated passages interposed between said jets and said chamber, there being at least one of said jets opening to each of said passages, one of said passages being normally open, valves normally closing each of the other passages, means controlled by the flow of fuel and air through said open passage controlling the valve in another of the passages, and means controlled by the flow of fuel and air past the opened valve for effecting opening of a valve in still another of the passages.

2,060,539

PROCESS FOR OBTAINING FREE SILVER AND IODINE FROM SILVER IODIDE

Joseph R. Spies, College Park, Md.

No Drawing. Application May 21, 1935, Serial No. 22,574
6 Claims. (Cl. 23—216)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

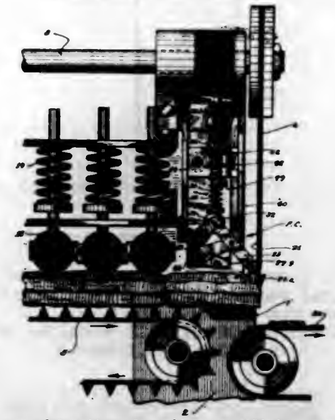
1. The process which comprises treating silver iodide with aqua regia, diluting the aqua regia solution with water recovering the resulting silver chloride, reducing the silver chloride to free silver, and recovering the iodine from the diluted aqua regia.

2,060,540

SLICING MACHINE ATTACHMENT

Charles L. Straeten, Chicago, Ill., assignor to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware

Application April 3, 1933, Serial No. 664,071
16 Claims. (Cl. 146—110)



1. In combination in a bacon slicing machine, a main frame, a longitudinally and transversely extending supporting table constructed for feeding slabs of bacon in a forward longitudinal direction to a cutter of the machine that operates in a transversely extending cutting plane during a slicing operation carried out thereby, a holding down means provided above the table, which holding down means comprises a transversely extending supporting frame that is carried from and by the main frame and that is vertically movable in respect to the table, which said holding down means also comprises transversely arranged guide fingers having slab engaging portions that extend in a general longitudinal direction and that engage that portion of the bacon slab which is in the immediate vicinity of the cutter but at the rear thereof, which fingers are spring pressed in a downward direction but are mounted so that they can yield in an upward direction, and in which each spring pressed finger has associated therewith a screw adjusting member that engages the spring that corresponds to the finger in a manner whereby the pressing effect of the finger can be regulated.

2,060,541

ICE CAN

Migiel J. Uline, Washington, D. C.

Application May 7, 1934, Serial No. 724,398
1 Claim. (Cl. 220—66)

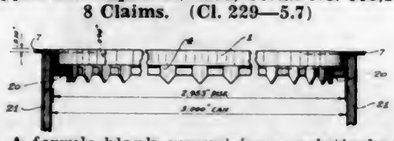
As a new article of manufacture, an ice can for the manufacture of artificial ice comprising a rectangular body having its lower edge turned inwardly and upwardly to form an open-ended loop surrounding the lower edge thereof, a bottom having a marginal depending flange fitting snugly within said body with the depending flange secured in said loop to form a pocket under substantially the entire area of the bottom of the can, said bottom being crimped transversely to form a transversely centrally disposed downwardly opening groove arranged in a plane above the ends of the upwardly turned ends of

the body, the ends of the can above the upwardly turned ends being provided with vent openings



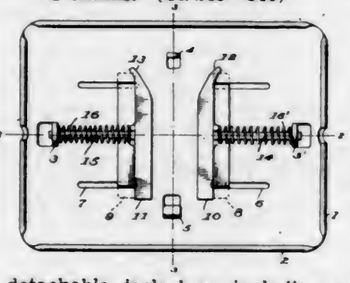
registering with the groove formed in the bottom.

2,060,542
METAL FERRULE
Charles T. Walter, Chicago, Ill., assignor to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
Application April 27, 1933, Serial No. 668,166
8 Claims. (Cl. 229—5.7)



1. A ferrule blank comprising a relatively long strip having flaring ends and provided along one edge thereof with a plurality of blunt pointed teeth.

2,060,543
DETACHABLE JACK BASE
Tom C. White, Billings, Mont.
Application August 7, 1934, Serial No. 738,870
4 Claims. (Cl. 248—346)



1. A detachable jack base including a rectangular plate having bent-up edges, a pair of parallel spaced spring-pressed upstanding flange members having depending integral lugs slotted into openings formed in said plate and adapted to detachably support a vehicle jack therebetween.

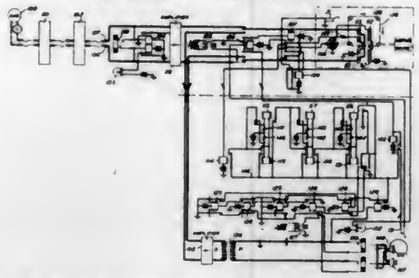
2,060,544
METHOD AND APPARATUS FOR CONSTRUCTING PIPE
Ralph Williams, Sydney, New South Wales, Australia
Application November 8, 1934, Serial No. 752,149
11 Claims. (Cl. 25—30)

1. A method of forming composite pipe, including the steps of spreading the material upon a portion of the length of a flat flexible support, the remaining length of the support being free of material, rolling the support and material into spiral form, rolling the support free of material



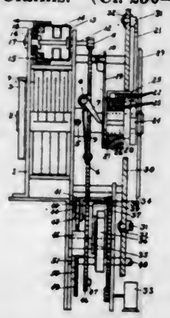
in reverse spiral form on the previously rolled material and support, and thereafter subjecting the material to rolling and pressing to complete the pipe formation.

2,060,545
STOCK QUOTATION SYSTEM
Henry Herrick Abbott, Yonkers, N. Y., assignor to American Telephone and Telegraph Company, a corporation of New York
Application November 14, 1934, Serial No. 753,035
9 Claims. (Cl. 179—6)



1. In a telephone system, the combination of a telephone line, a magnetic tape recorder, an operator's position having means for transmitting a voice message to be recorded on said tape recorder, means for establishing a connection from said line to said recorder, and automatic means responsive to the establishment of said connection for transmitting a pronouncement of said message from said recorder to said line.

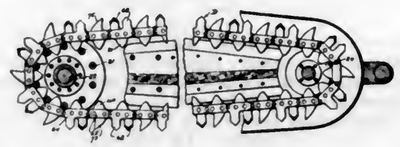
2,060,546
AUTOMATIC PROGRAM SELECTOR FOR RADIO RECEIVERS
Edward W. Allen, Jr., Washington, D. C.
Application April 29, 1935, Serial No. 18,956
18 Claims. (Cl. 250—20)



6. An automatic tuning device for radio receivers comprising a tuning condenser having a shaft, a panel through which the shaft projects, a circular array of adjustable selector elements upon the panel substantially concentric with the shaft, a selector arm rotatable about the shaft

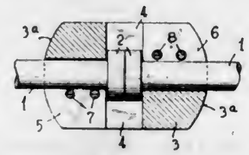
for selectively engaging the elements, means responsive to oppositely directed axial movements of the arm for locking the arm against rotation during engagement with an element and for unlocking the arm to permit rotation, and means for periodically disengaging the arm from the engaged element and causing it to engage a succeeding element.

2,060,547
CHAIN SAW
George Arsneau, Los Angeles, Calif., assignor, by mesne assignments, to Dow Power Saw Company, a corporation of California
Original application November 15, 1933, Serial No. 698,186. Divided and this application January 30, 1934, Serial No. 708,982
3 Claims. (Cl. 143—135)



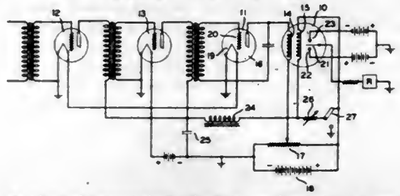
1. A chain saw characterized by cutter tooth links and connecting cleaner tooth links, each link comprising companion outer plates and a plate interposed therebetween, hinge pintles supported by the interposed plates of the cleaner tooth links and having cylindrical end portions operatively set into the outer plate of the cutter tooth links, the edges of the outer plates of the cutter tooth links and the corresponding edges of the outer plates of the cleaner tooth links having complementary oppositely beveled faces overlapping each other, and means for securing all plates of each link together so as to maintain the aforestated order of relationship of said complementary beveled faces.

2,060,548
ROD COUPLING
Douglass T. Bolling, Owensboro, Ky.
Application June 3, 1935, Serial No. 24,751
1 Claim. (Cl. 287—113)



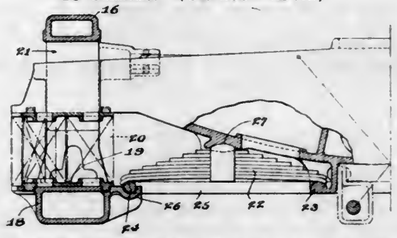
A coupling for reciprocatory headed rods comprising a one piece socket member, circular in cross-section, and having an opening extending diametrically therethrough of a size to snugly receive a pair of rod heads when disposed end to end in abutting relation, said member also having a pair of radial slots extending inwardly from opposite sides at opposite ends thereof to a point beyond the axis, said slots communicating at one end with said opening and being of a width to freely admit the rods but not the heads, whereby a pair of headed rods may be inserted into said opening and slots by a lateral movement and assembled in substantial alignment within said socket member, and means for preventing lateral displacement of said rods in said slots, after they have been assembled.

2,060,549
SIGNAL RELAY SYSTEM
Anthony P. J. Boudreau, Stewart Manor, N. Y., assignor to The Western Union Telegraph Company, New York, N. Y., a corporation of New York
Application July 1, 1932, Serial No. 620,482
7 Claims. (Cl. 178—88)



1. A signal receiving circuit embodying a vacuum tube detector, a polar relay to be operated by the detector, said relay having two windings, a vacuum tube amplifier ahead of the detector, a source of space current for said detector and amplifier, circuit connections such that one winding of said relay is energized by current supplied from said source through said detector, and the other winding is energized by current supplied from said source through the tubes of said amplifier and filter means between said amplifier and said other winding to filter out current fluctuations which the amplifier tends to introduce.

2,060,550
RAILWAY CAR TRUCK
Jerome G. Bower, New York, N. Y., assignor to The Buckeye Steel Castings Company, Columbus, Ohio
Application June 7, 1934, Serial No. 729,489
13 Claims. (Cl. 105—197.1)

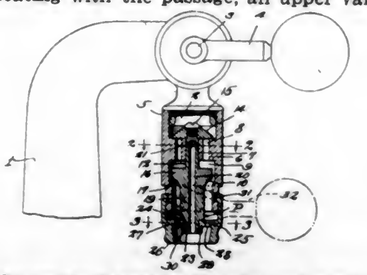


1. In a car truck, a side frame having a bolster opening, springs in the bolster opening supported by the side frame, a bolster having one of its ends projecting into said opening and resting on said springs, a loop spacer for connecting the side frame to the opposite side frame of the truck, said spacer comprising side bars connected by a cross piece, said cross piece being detachably connected to the side frame, the distance between said side bars being greater than the entire width of the medial portion of the bolster to permit said medial portion to move up and down in the loop spacer, and a leaf spring cantilevered from the bolster and having its free end projecting over said cross piece and supported by the side frame for normally retaining the connection between the side frame and spacer.

2,060,551
SODA FOUNTAIN DRAFT ARM
Lewis R. Brantly, Marietta, Ga.
Application April 6, 1935, Serial No. 15,121
4 Claims. (Cl. 225—24)

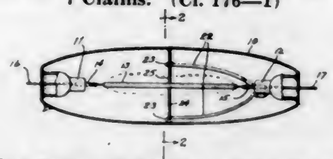
3. The combination with a spigot embodying a depending outlet member and a flow-control-

ling mechanism above the outlet member, of a casing in the form of a circumferentially-closed tube provided at its upper end with means detachably connecting the casing to the outlet member, the casing being provided with a seat having an opening, a plunger slidable in the seat, the plunger having a passage which opens downwardly through the plunger and is closed at its upper end, the plunger having a side port communicating with the passage, an upper valve on



the plunger and engageable with the upper part of the seat to close the opening when the plunger is lowered, a lower valve on the plunger and engageable with the lower part of the seat to close the opening when the plunger is raised, the port being closed by the seat when the opening is closed by the upper valve, and being open when the opening is closed by the lower valve, the plunger being movable to an intermediate position in which neither valve closes the opening, and mechanism for operating the plunger.

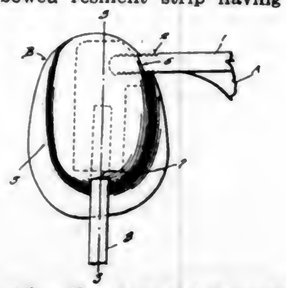
2,060,552
DISCHARGE CONTROLLING MEANS FOR DISCHARGE LAMPS
Chester H. Braselton, New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J., a corporation of Delaware
Application August 25, 1932, Serial No. 630,379
7 Claims. (Cl. 176—1)



1. In a device of the class described an envelope, a partition having an opening therein mounted within said envelope and dividing said envelope into two compartments interconnected by said opening, an electron emitting element containing one or more oxides of the alkaline earth metals extending through said opening and having one end in one compartment and the other end in the other, and a mixture of neon and argon gases at a pressure of substantially 200 mm. of mercury within said envelope, said electron emitting element being adapted to be energized by the passage of electric current therethrough.

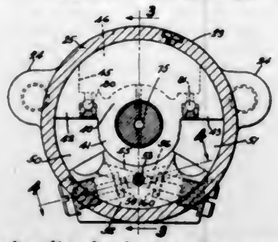
2,060,553
EAR PROTECTOR
Selma M. Burleigh, Albany, N. Y.
Application April 17, 1935, Serial No. 16,894
1 Claim. (Cl. 132—45)

A device of the class described comprising a pair of ear guards shaped to fit over the ears, each composed of an outer part and a lining part, portions of the lining part being separated from the body part to form a pocket, the lower end of each guard having a slot therein opening into the pocket, a bowed resilient strip having its end



portions entering the slots and frictionally engaging the pocket-forming portions of the lining.

2,060,554
SHOCK ABSORBER
William A. Chryst, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application January 9, 1935, Serial No. 946
3 Claims. (Cl. 188—89)



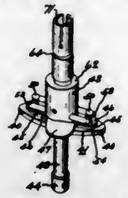
1. A hydraulic shock absorber comprising, in combination, a cup-shaped casing; a rotatable piston in said casing, having a recess cooperating with the casing wall to provide a fluid reservoir; a partition cooperating with the piston to form two fluid displacement chambers, said partition having passages, each of which is provided with a mechanism including valve, spring and plug members to control fluid flow between said chambers in response to rotation of the piston, the plug member of said fluid flow control mechanisms acting also to secure the partition within the casing; and check valves in the piston each adapted to permit fluid to flow from the reservoir into a displacement chamber, but to prevent a reverse flow.

2,060,555
DENTAL INSTRUMENT
Lucian G. Coble, Greensboro, N. C.
Application April 6, 1936, Serial No. 73,028
5 Claims. (Cl. 33—143)



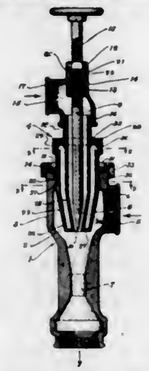
1. In an instrument for determining the location of frontal teeth in a denture relative to the lip line of a patient, a bar, a lateral projection on said bar, a member adjustable on said bar relatively to said projection and adapted to be positioned against the patient's gum with said projection in engagement with the lip of the patient to measure the distance between the gum and lip line, and means on said bar engageable in the gum engaging recess of the denture, the location of said last-mentioned means relatively to a predetermined point on said adjustable member corresponding to the relative positioning of said projection and the gum engaging portion of said member.

2,060,556
IGNITION APPARATUS
Charles H. Davis, Jr., deceased, late of Anderson, Ind., by John T. Fitzsimmons, administrator, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Original application February 11, 1932, Serial No. 592,289, now Patent No. 2,016,669, dated October 8, 1935. Divided and this application July 25, 1934, Serial No. 736,845
8 Claims. (Cl. 287—52)



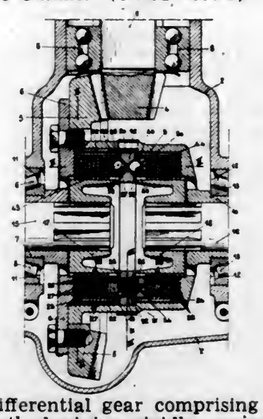
1. In an ignition timer-distributor apparatus having a timer cam for operating a circuit interrupter and for driving a distributor rotor, the combination comprising a shaft for driving the cam, a bar for driving the shaft, means for fixing the bar to the shaft, a stud connected with the bar, and a rod bearing against the stud and attached to the shaft.

2,060,557
MIXING DEVICE
Elmer M. Davis, Chicago, Ill., assignor to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
Application July 25, 1934, Serial No. 736,844
12 Claims. (Cl. 261—15)



1. A device of the class described comprising a tubular body forming a passage for liquid material and provided at one end with an inlet opening for the liquid material, a steam injector extending into the tubular body at the said end of the same adjacent the said inlet of the body for subjecting the liquid material to the action of the steam, an exteriorly operable needle valve within said steam injector for controlling the flow of steam therethrough, and a jacket forming sleeve surrounding the steam injector and forming a jacket space for the circulation of a cooling medium to prevent the liquid material from being scorched by the steam injector, said sleeve constituting a support for the steam injector and provided with means for securing it to the tubular body.

2,060,558
DISK DIFFERENTIAL GEAR
Dimitri Sensaud de Lavaud, Paris, France
Application December 26, 1935, Serial No. 56,265
In France January 4, 1935
3 Claims. (Cl. 74—389.5)

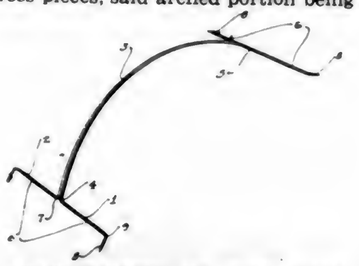


1. Disk differential gear comprising a driving shaft, a toothed pinion rigidly secured on the end of said driving shaft, a toothed crown wheel meshing with said toothed pinion, a drum rigid with said toothed crown wheel, a first driven shaft, a second driven shaft co-axial with the first one, a first series of disks angularly rigid with said first driven shaft, a second series of disks angularly rigid with said second driven shaft, a third and a fourth series of disks respectively alternating with those of the first and second series, a first loose socket rendered angularly rigid with the third series of disks, a second loose socket rendered angularly rigid with the fourth series of disks, a first and a second side ring axially sliding and respectively rendered rigid with the first and second loose sockets, an intermediate ring rendered axially and angularly rigid with said drum, the three rings above mentioned having inclines on which bear rolling bodies so that a relative rotation between said intermediate ring and any of said side rings causes an axial displacement of this side ring, cheek members rigid with said drum and on which the outer end disks of the series of disks above mentioned can take a bearing whilst the inner end disks of said series of disks respectively bear on the side rings.

2,060,559
BACON-STRAIGHTENING DEVICE
Leonard De Moss, Des Moines, Iowa, assignor to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
Application April 3, 1933, Serial No. 664,100
2 Claims. (Cl. 17—44)

2. A device of the class described comprising

an arched central portion formed of wiire and provided at each end with outwardly extending wire cross pieces, said arched portion being posi-



tioned wholly between the cross pieces, said cross pieces being provided with outwardly extending points formed of the material of the cross pieces.

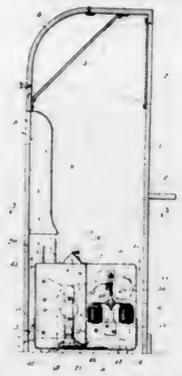
2,060,560

ILLUMINATED-IMAGE PROJECTOR WITH INTERMITTENT BURNING LAMP AND NATURAL DRAFT LAMP COOLING

Carleton Ellis, Jr., Montclair, N. J.

Application March 27, 1933, Serial No. 662,938

3 Claims. (Cl. 88—24)



1. In an illuminated image projector including a light source of illumination for illuminating a series of image transparencies and operating mechanism for advancing said image transparencies past said light source, a casing enclosing substantially all of the operating mechanism, said casing being provided with an inlet through which air may enter the casing and with an outlet through which air from the casing may pass, an elongated flue carried on and within said casing, one end of the flue connecting with the outlet of the casing, a light chamber positioned within said casing, means permitting air entering said casing to pass into said light chamber, and means directing air passing from said light chamber into the elongated flue, whereby heat generated during operation of the light is dissipated by the air circulating through the light chamber and elongated flue.

2,060,561

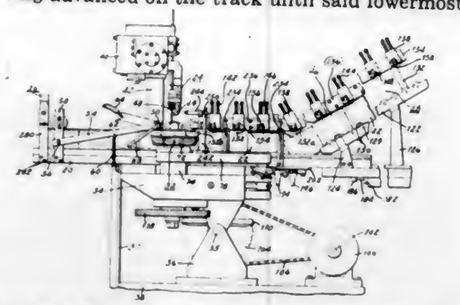
FRAME WELDER

Ernest R. Fausset, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application April 16, 1934, Serial No. 720,710

15 Claims. (Cl. 219—6)

9. In a machine of the character described, the combination of an inclined chute holding a plurality of hollow cylindrical articles in end-to-end order; a welding agency; a horizontal track supporting and guiding articles from adjacent the chute toward and past the welding agency; a conveyor for transferring only the lowermost article from the chute upon the track and for advancing said article on said track; and a pivotally mounted lever so located with respect to the chute as to permit the lowermost article within the chute to descend by gravity toward the track and to follow the last transferred article while being advanced on the track until said lowermost



article is about to descend with its forward internal peripheral edge upon the periphery of said advancing article when said descending frame engages said lever and is thereby prevented from further following the advancing article, said lever thereafter guiding the descending frame past the adjacent end of the advancing frame while the forward end only of said descending article drops by gravity upon the conveyor whereas the opposite end of said article is held within the chute until the conveyor causes transfer of said article upon the track by permitting the article to leave the chute entirely.

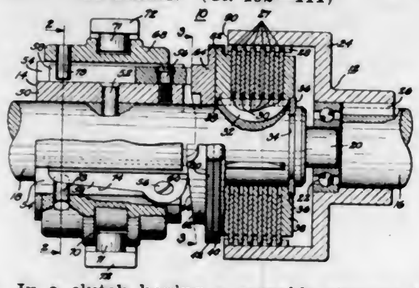
2,060,562

CLUTCH

Ernest R. Fausset, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application June 17, 1935, Serial No. 26,897

14 Claims. (Cl. 192—111)



1. In a clutch having a movable element for drivingly engaging the clutch, and means for shifting the element into clutch engaging position, the combination of an independently movable first member rotatable relative to the shifting means and having concentrically disposed, spaced deformations and a cam portion adapted to cooperate with the shifting means; another member non-rotatable relative to the shifting means and movable together with the first member, said other member having deformations concentrically of and angularly spaced differently than those of the first member, both members being adapted to transmit motion of the shifting means to the element; and means for interlocking any deformations of both members in one certain position relative to each other, thereby coupling the first member in angularly adjusted position to the other member.

2,060,563

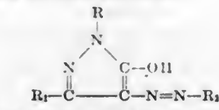
AZO DYESTUFFS CONTAINING CHROMIUM AND PROCESS OF PREPARING THEM

Erich Fischer, Bad Soden-on-the-Taunus, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application September 22, 1934, Serial No. 745,166. In Germany September 27, 1933

10 Claims. (Cl. 260—12)

6. The chromium compounds of the azo-dyestuffs of the general formula:



wherein R stands for a radical of the benzene or naphthalene series, R_1 for the group —COO—alkyl or for a radical of the benzene series, R_2 represents a radical of the benzene, naphthalene or diphenyl series containing a carboxylic acid group in one o-position to the azo-group and no hydroxy group in the other o-position to the azo-group, wherein at least one of the radicals R and R_2 contains at least one sulfonic acid group, and wherein the carboxylic acid group of the radical R_2 standing in o-position to the azo-bridge, in combination with this azo-bridge, contains bound chromium, which products form yellow to orange powders which dye the animal fiber yellow to orange tints of good fastness properties.

2,060,564

ELECTRIC DISCHARGE DEVICE

Victor James Francis, North Wembley, and John Walter Ryde, London, England, assignors to General Electric Company, a corporation of New York

Application October 15, 1935, Serial No. 45,160

In Great Britain October 11, 1934

2 Claims. (Cl. 176—2)



1. The method of retarding the discoloration of the discharge space defining surface of an electric discharge device having a sealed inner tube through which the discharge passes and a sealed outer envelope enclosing said tube, which method comprises the steps of introducing a suitable oxygen containing gas at a pressure between 10 and 100 mm. of mercury around the said sealed inner tube, heating said tube for a substantial period in the presence of said gas and then removing the said gas.

2,060,565

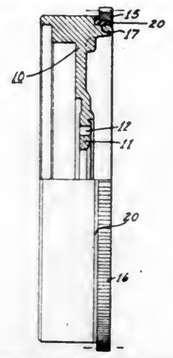
FLYWHEEL

Harvey D. Geyer, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application September 15, 1933, Serial No. 689,639

3 Claims. (Cl. 74—574)

1. In combination, an automobile engine having a flywheel, a relatively light weight radially resilient ring gear mounted adjacent the outer periphery of said flywheel, said ring gear being insulated from the flywheel by an intervening



radially uncompressed resilient rubber cushion, bonded by vulcanization to both said ring gear and flywheel.

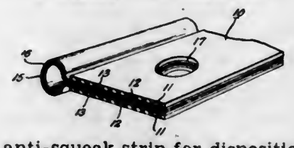
2,060,566

ANTISQUEAK TRIM STRIP FOR AUTOMOBILE FENDERS

Harvey D. Geyer, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application October 26, 1933, Serial No. 695,278

3 Claims. (Cl. 280—152)



1. An anti-squeak strip for disposition between two abutting members having only slight relative movement, comprising: a fabric strip having a longitudinal fold therein forming a hollow bead and two laterally projecting contacting layers having a dry solid anti-friction coating on their mutually contacting surfaces whereby to facilitate relative sliding therebetween, said contacting layers having a relatively high friction coating on their outer surfaces which cause said layers to adhere to and move individually with the two abutting members respectively.

2,060,567

AUTOMATIC BEVERAGE VALVE

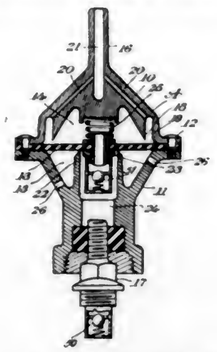
Arthur W. Glenk, Newark, N. J.

Application April 16, 1935, Serial No. 16,690

1 Claim. (Cl. 277—21)

A portable and removable device for preventing liquids in a container entering an air or gas line after such liquids have been charged with air or gas, comprising a hollow body divided into two chambers and a diaphragm dividing said chambers, one of the chambers having an air inlet at the center thereof and having angle ports for directing air from the inlet onto the diaphragm away from the center thereof and having a seat for the diaphragm at the terminal of said ports, a nozzle passing centrally through the diaphragm and spring means normally forcing the diaphragm away from said seat, a ported seat in the second section receiving the nozzle therein and onto which the diaphragm is influenced by said spring means, a check valve controlled nipple

at the outer end of the said second section in communication with the port of the valve therein and said second section having a chamber between the

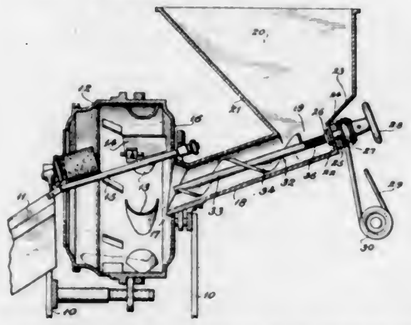


diaphragm and the valve seat which is provided with ports that communicate with the atmosphere, and the nipple of said second section designed to be fitted in the liquid container.

2,060,568
ASSISTING AGENTS FOR THE TEXTILE INDUSTRY
Charles Graenacher and Richard Sallmann, Basel, Switzerland, assignors to firm Society of Chemical Industry in Basle, Basel, Switzerland
No Drawing. Application June 20, 1935, Serial No. 27,609. In Switzerland June 23, 1934
15 Claims. (Cl. 8—20)

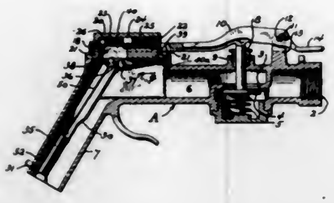
1. A composition of matter comprising a solubility-promoting agent and a tertiary amine oxide which is sparingly soluble in mercerizing baths, but which is soluble in mercerizing baths with the aid of a solubility-promoting agent selected from the group consisting of phenols and highly sulfonated oils.

2,060,569
NONJAM SCREW FEED
Burpee D. Greenlaw, Fitchburg, Mass., assignor to The Brown Bag Filling Machine Company, Fitchburg, Mass., a corporation of Massachusetts
Original application May 14, 1931, Serial No. 537,468. Divided and this application October 3, 1934, Serial No. 746,729
3 Claims. (Cl. 198—64)



1. In a bulk stock feed device, a cylindrical conduit having a receiving and a delivery end, means to supply stock to the receiving end thereof, a feed device in the conduit comprising a shaft journalled on a fixed axis outwardly of the receiving end of the conduit, means to rotate the shaft, a helicoid of substantially smaller radius than the conduit interior and revoluble therein, said shaft and helicoid having proximal portions spaced axially apart a substantial distance, and a resilient concentric flexible shaft fixed upon said proximal portions and tending to normally lie on the axis of said shaft and to support said helicoid on the same axis, the spacing of said proximal portions of shaft and helicoid being proportioned so that the helicoid may be displaced from its normal axis translationally and variously.

2,060,570
AUTOMATIC SHUT-OFF FOR FILLING SPOUTS
William A. Hansen, Dos Palos, Calif.
Application April 29, 1933, Serial No. 668,485
21 Claims. (Cl. 226—127)



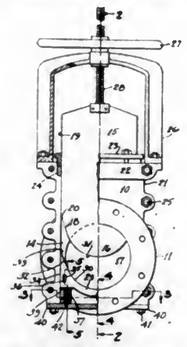
1. A device of the character described comprising a housing terminating in a filling spout, said spout being insertable through the filling opening of a container to be filled, a shut-off valve in the housing, means for manually opening and closing said valve, a tube within the spout, the upper end of the tube being in communication with a space in the housing which is partially evacuated by liquid flowing through the housing and spout, said partial evacuation adapted to pull liquid upwardly through the tube when the liquid level in the container reaches the discharge end of the spout, and a movable member in the tube actuated by the liquid flowing through the tube for automatically closing the valve.

12. The combination with a valve for controlling the discharge of liquid from a flow line; of means for releasably retaining the valve open; and means correlated with the first means and including a movably mounted member having portions one of which is adapted to be acted upon by a rising body of liquid to move the other portion into the path of liquid discharging from the flow line for actuation of the member by the discharging liquid in a manner to release the retaining means so as to permit the valve to close.

2,060,571
VALVE
Robert P. Hanson, Portland, Oreg., assignor to Electric Steel Foundry Company, Portland, Oreg.
Application May 14, 1934, Serial No. 725,610
2 Claims. (Cl. 251—51)

1. A gate valve of the class described in which the gate consists of a flat plate adapted to slidably pass through a stuffing box, the sides of

which are parallel, the innermost ends of the edges of said plate being provided with scrapers



and a follower for said valve conforming in shape to the end of said gate.

2,060,572
BEER LACQUER
Adolf Heck, Kansas City, Mo., assignor to Cook Paint & Varnish Company, Kansas City, Mo., a corporation of Delaware
No Drawing. Application May 6, 1935, Serial No. 20,097
4 Claims. (Cl. 91—70)

1. The process of providing metal cans with a tightly inherent, poreless, impervious, tasteless, lining film withstanding the action of beer and delicate foods without injury thereto which comprises dissolving a trace of phosphoric acid in a vinyl resin varnish, applying the varnish to the interior of the can as a thin film, drying and baking to complete the resinification, the proportion of phosphoric acid used being sufficient to give a varnish having firm adherence to the can but insufficient to cause contamination of beer and delicate foods.

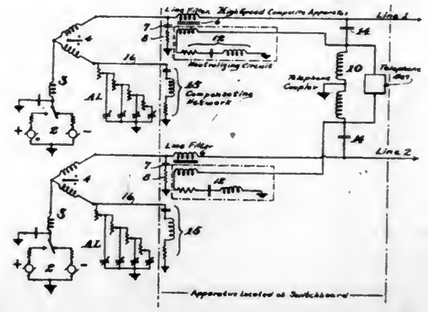
2,060,573
CONDENSATION PRODUCTS OF PHENOLS AND TRIISOBUTYLENE
William F. Hester, Drexel Hill, Pa., assignor to Röhm & Haas Company, Philadelphia, Pa.
No Drawing. Original application March 23, 1932, Serial No. 600,826. Divided and this application September 14, 1934, Serial No. 744,016. In Great Britain February 24, 1933
8 Claims. (Cl. 260—154)

1. The process of condensing triisobutylene and a monohydroxy phenol comprising treating a substantially equi-molecular mixture of triisobutylene and the phenol with concentrated sulfuric acid in an amount substantially less than a molecularly equivalent quantity.

8. The condensation product of phenol and triisobutylene, said condensation product having a free phenolic hydroxyl group.

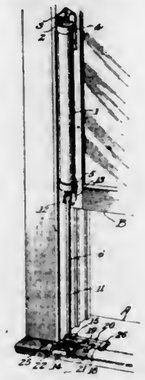
2,060,574
HIGH SPEED COMPOSITE SYSTEM
Paul J. Howe, Ridgewood, N. J., Robert T. Hamlett, New York, N. Y., and Maurice A. Rudd, North Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y., a corporation of New York
Application July 8, 1935, Serial No. 30,388
12 Claims. (Cl. 179—3)

1. In a composite signaling system, a pair of duplexed telegraph lines, a bridge circuit connected between said lines and including condensers and intermediate inductances having a central ground connection, telephone apparatus connected to said bridge circuit at points intermediate said condensers and impedances, and composite apparatus for eliminating the voice frequency components of the telegraph signals transmitted over said lines, comprising a line



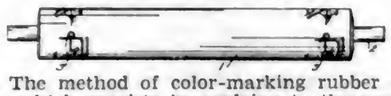
filter in each line having a grounded condenser and means inductively connecting said line filter with said bridge circuit and embodying a shaping network adapted to adjust the voice frequency currents flowing therein into opposite phase relation with the voice frequency components of the outgoing signal currents flowing into the bridge circuit from the line.

2,060,575
AUTOMATIC WINDOW CLOSER
Chauncey B. Kauffman and Charles H. Kauffman, Hellam, Pa.
Application November 12, 1935, Serial No. 49,429
4 Claims. (Cl. 268—123)



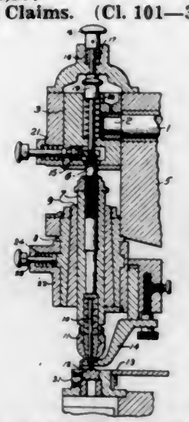
1. A closing device for a window comprising spring pressed means for normally urging the window to closed position and including a rod having notches therein along the length thereof, a dog receivable in any one of the notches for holding the spring pressed means in a position with the window open, means normally retaining the rod in a position with the dog in its notch and being movable for rotating the rod for disposing the dog out of the notch to allow the spring pressed means to close the window, fragile means breakable under the action of moisture for holding the retaining means in operative position, and cushioning means for the spring pressed means.

2,060,576
MARKED RUBBER GOODS AND METHOD FOR PRODUCING THE SAME
Walter L. Kauffman, 2d, Erie, Pa., assignor to Lovell Manufacturing Company, Erie, Pa., a corporation of Pennsylvania
Application July 11, 1932, Serial No. 621,919
3 Claims. (Cl. 101—8)



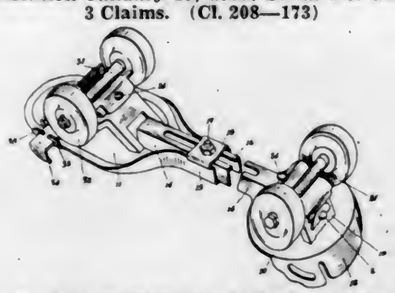
1. The method of color-marking rubber surfaces which consists in applying to the surface a sufficient excess of sulphur and sufficient heat to permanently color the surface along the lines of a pattern desired.

2,060,577
METHOD OF AND APPARATUS FOR EMBOSSING
Saul Kauffman and George G. Doss, Syracuse, N. Y., assignors to Meyer Kauffman, Syracuse, N. Y.
Continuation of application Serial No. 73,000, April 6, 1936. This application August 13, 1936, Serial No. 95,900
24 Claims. (Cl. 101—32)



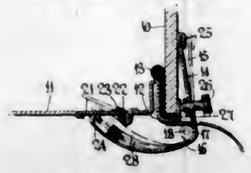
8. The method of forming metal patterns and the like, which comprises progressively displacing portions of the metal from a plate along a continuous line, by successive displacements of metal along the line.

2,060,578
ROLLER SKATE
Daniel Kees, Beatrice, Nebr., assignor to F. D. Kees Manufacturing Company, a corporation of Nebraska
Application January 19, 1933, Serial No. 652,465
3 Claims. (Cl. 208—173)



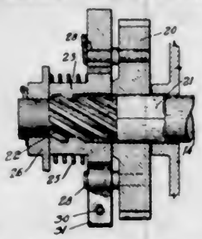
1. A skate including a heel plate and a toe plate, each of said plates terminating in a channel member, said two channel members having a telescoping relation for lengthening or shortening said skate, said heel plate being provided with a channel merging into the channel of the channel member of said heel plate, the merging channels having their grooves facing in the same direction, and continuous therewith, the side walls of the channel member of said toe plate being in vertical planes contiguous to the vertical planes of the side walls of the channel member of said heel plate, and means for securing said two channel members together.

2,060,579
VEHICLE WINDSHIELD
Kasmer Krantz, Buffalo, N. Y.
Application May 14, 1936, Serial No. 79,750
3 Claims. (Cl. 98—2)



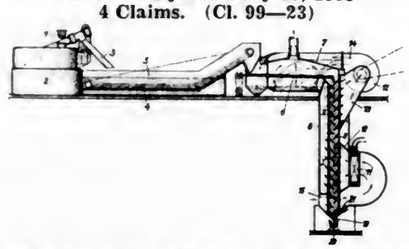
1. In a motor vehicle body having a windshield and a cowl disposed substantially at right angles thereto, a device for preventing the condensation of moisture upon said windshield comprising an elongated wall portion disposed adjacent the inner surface of said windshield, an opening in said cowl, and a plate portion extending from the lower edge of said wall portion to said opening and beneath and spaced from said cowl to form a fluid current conduit between said plate portion and said cowl from said opening to said wall portion, said wall portion and said plate portion being mounted for joint pivotal movement about a longitudinal axis to vary the capacity of the fluid current conduits.

2,060,580
AUTOMATIC TIMING GOVERNOR FOR INTERNAL COMBUSTION ENGINES
Edmond La Chapelle, Denver, Colo.
Application October 11, 1935, Serial No. 44,494
5 Claims. (Cl. 123—90)



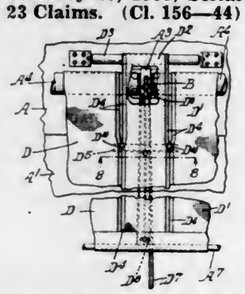
1. Means for advancing the valve timing of an engine in accordance with the speed thereof comprising: a longitudinally shiftable valve cam shaft; twisted cams on said shaft having their high points occurring at differing positions throughout their length; a driven gear for imparting rotation to said shaft, said shaft being free to move axially through said gear; threads on said shaft adjacent said gear; a nut on said threads; means for causing said nut to rotate with said gear; and means for shifting the position of said nut with reference to said gear in accordance with the speed of said engine.

2,060,581
METHOD FOR TREATING COCOA BEANS
Alfred Laessig, Halle on the Saale, Germany
Application February 5, 1934, Serial No. 709,888
In Germany February 18, 1933
4 Claims. (Cl. 99—23)



1. A method of treating cocoa beans which comprises the continuous and successive steps of steeping the beans in a fermentation liquid, aerating and shaking the wet beans during horizontal travel in a thin layer on a shaker sieve to complete the oxydation of the beans, and then submitting the beans to a three-stage drying and roasting in a louvre dryer during substantial vertical and constant rolling travel in which in the first stage after the beans are aerated the beans are treated by hot air, in the second stage they are treated with hot air at a higher temperature than the preceding, and in the third stage the beans are cooled by air at room temperature.

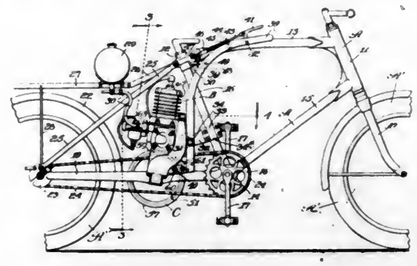
2,060,582
AWNING
Charles B. Leffert, Chicago, Ill., assignor to Geo. B. Carpenter & Co., Chicago, Ill., a corporation of Illinois
Application January 20, 1933, Serial No. 652,591
23 Claims. (Cl. 156—44)



1. In an awning, a plurality of rolls arranged end to end and joined for unitary operation, fixed supports for both ends of each, a frame held parallel with and mounted for movement toward and from the rolls, an awning fastened at one end to the frame comprising a plurality of separate awning sections each of which is separately wound upon one of the rolls between the ends thereof and means for joining adjacent edges of the awning sections together throughout their entire length where they extend beyond the rolls.

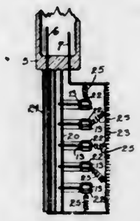
2,060,583
MOTOR BICYCLE
George S. Lewis, Evanston, Ill., assignor to Battery Patents Corporation, Chicago, Ill., a corporation of Illinois
Application August 15, 1934, Serial No. 739,979
9 Claims. (Cl. 180—33)

1. In a motor bicycle of the character set forth provided with a hanger and axle-equipped wheels, a frame having spaced supporting beams extending between the hanger and the rear axle, a motor equipped with a drive-wheel pivotally carried by the frame, a clutch-wheel carried by



said spaced beams adapted to engage said drive wheel when the motor is in lowered position, drive means connecting the clutch-wheel to the rear wheel of the frame, and means for raising and lowering the motor.

2,060,584
ELECTRIC LIGHT
Oran T. McIlvaine, Cleveland, Ohio, assignor to McIlvaine Patent Corporation, St. Charles, Ill., a corporation of Delaware
Application July 16, 1930, Serial No. 468,316
8 Claims. (Cl. 176—1)

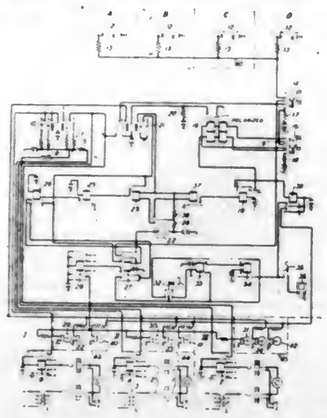


1. Apparatus for producing electric light comprising a closed container which is transparent to the rays desired, a pair of leading-in wires sealed in the walls of said container, metallic electrodes connected one to each leading-in wire inside said container, each electrode comprising a hollow cylindrical body having a closed end, the closed end being connected to the leading-in wire and the open end being turned toward the other electrode, a readily ionizable gas at subatmospheric pressure in said container, and a hollow electrostatic shield surrounding each of said electrodes, and spaced therefrom and insulated from said electrodes and from the tube walls and substantially coaxial with said electrodes respectively.

2,060,585
TELEPHONE SIGNAL CIRCUIT
Charles Gideon Miller, Montclair, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application September 6, 1935, Serial No. 39,469
7 Claims. (Cl. 179—27)

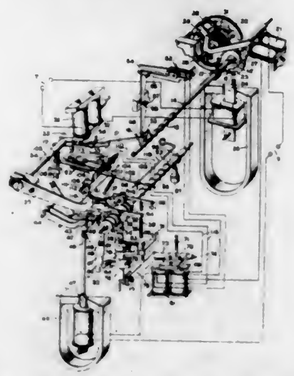
1. In a telephone system, a plurality of operators' positions, a plurality of link circuits having access to said positions, means to seize said link

circuits, a calls waiting signal controlled by said link circuits when seized, and means to vary the



sensitivity of said signal in accordance with the number of said operators' positions.

2,060,586
AUTOMATIC TICKER-TAPE FEED-OUT DEVICE
Percy L. Myer, Ozone Park, N. Y., assignor to The Western Union Telegraph Company, New York, N. Y., a corporation of New York
Application May 23, 1935, Serial No. 23,104
20 Claims. (Cl. 178—42)

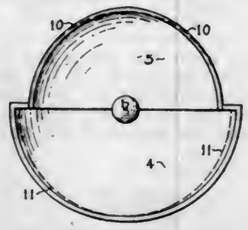


1. In a telegraph recorder, a selecting mechanism operable from received telegraphic impulses, a printing mechanism controlled by said selecting mechanism, a record strip, a ratchet and a pawl cooperating with said printing mechanism for feeding the strip forward one space after each printing operation, an auxiliary pawl cooperating with said ratchet for advancing said strip forward a predetermined distance whenever said printing mechanism has ceased to function for a predetermined interval, a timing device for measuring said interval, means cooperating with said timing device for automatically causing the cooperative engagement of said auxiliary pawl with said ratchet upon the completion of said interval, a measuring device co-acting with said ratchet for measuring the length of the strip as it is advanced, and means for automatically discontinuing the operation of said auxiliary pawl when the strip has been advanced said predetermined distance.

2,060,587
OIL AND FAT TREATMENT AND PRODUCT
Roy C. Newton and Donald P. Grettie, Chicago, Ill., assignors to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
No Drawing. Application August 15, 1932, Serial No. 628,960
17 Claims. (Cl. 99—163)

1. As an article of commerce, a stabilized shortening product consisting of a large percentage of caustic refined oils and fats and a complement of crude cottonseed oil.

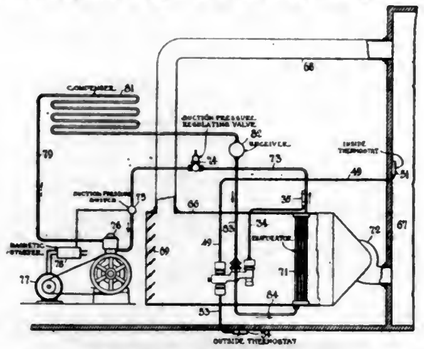
2,060,588
REFLECTOR
Joseph Richard Ogden, Jr., Margate City, N. J.
Application March 19, 1935, Serial No. 11,875
2 Claims. (Cl. 240—41.35)



1. In combination a reflector consisting of an upper and a lower reflector surface and a lighting filament, the lower reflector surface formed of a surface which substantially coincides in vertical section with a semi-paraboloid having its focus substantially at the intersection of its axis with a line perpendicular thereto through the forward extremity of the said lighting filament, and forming a curve substantially outside said semi-paraboloid where a horizontal plane through the axis cuts the extension of the reflector surface, the intermediate surface being a transition from one section to the other; the upper reflector surface formed of a surface which substantially coincides in vertical section with a semi-paraboloid having its focus substantially at the intersection of its axis, with a line perpendicular thereto through the rear extremities of the said lighting filament; and forming a curve inside said semi-paraboloid where a horizontal plane through the axis cuts the extension of the reflector surface, the intermediate surface being a transition from one section to the other.

2,060,589
REFRIGERATION
Carl A. Otto, Milwaukee, Wis., assignor to Johnson Service Company, Milwaukee, Wis., a corporation of Wisconsin
Application October 2, 1935, Serial No. 43,267
8 Claims. (Cl. 62—8)

1. The method of controlling the refrigerative effect of a space-cooling evaporator, which comprises, withdrawing refrigerant vapor from the evaporator and varying the rate of withdrawal to maintain a constant suction pressure; admitting liquid refrigerant to the evaporator and controlling the rate of admission in response alternatively to the temperature of discharging refrigerant vapor and to the space temperature created by the evaporator; and selecting between



such alternative temperature controls on the basis of the lower demand for refrigerant.

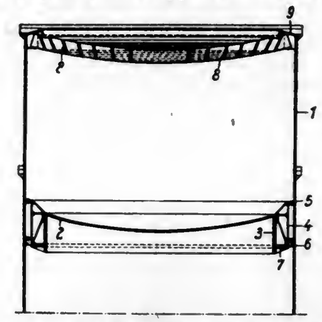
2,060,590
SHOCK ABSORBING MEANS
Joseph E. Padgett, Toledo, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application May 31, 1933, Serial No. 673,587
11 Claims. (Cl. 188—88)



1. In a shock absorber of the fluid displacement type the combination of a member having a relatively short orifice through which fluid may be displaced, and a metallic valve controlling said orifice, said valve and orifice being such as to retard the displacement of fluid to cause a relatively rapid initial increase and a controlled subsequent increase in the pressure of the fluid, said valve being movable relative to said member and being normally biased against said member to close the orifice but adapted to be moved to open the orifice by fluid acting thereagainst through the orifice.

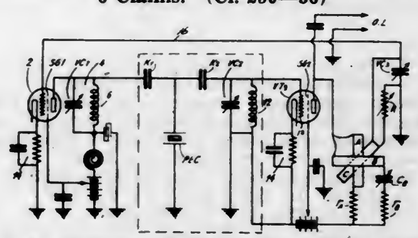
2,060,591
GASHOLDER OF THE WATERLESS TYPE
Walter Pechstein, Dortmund, Germany, assignor to the firm Aug. Klonne, Dortmund, Germany
Application August 24, 1934, Serial No. 741,340
In Germany June 9, 1934
9 Claims. (Cl. 48—174)

1. A gasholder of the waterless type, comprising a tank casing, a piston-like closure member movable in said tank casing, sealing means interposed between said closure and the inner wall of the casing, a ring-shaped inwardly projecting cover arranged on the upper end of the casing,



and a plurality of baffles spaced apart and arranged in the non-covered opening adjacent the ring-shaped cover and adapted to deflect rain, hail and snow from the inside surface of the casing wall and the sealing means.

2,060,592
OSCILLATION GENERATOR
Walter van B. Roberts, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application September 27, 1933, Serial No. 691,116
6 Claims. (Cl. 250—36)



1. A constant frequency generating system comprising a vacuum tube having input electrodes and output electrodes, a high frequency circuit connected between said output electrodes, an electron discharge device having input electrodes and output electrodes, a high frequency circuit interconnecting the input electrodes of said device, means including a piezo-electric crystal for coupling together said high frequency circuits, and means for establishing feedback from the output electrodes of said device to the input electrodes of said tube, said feedback establishing means including means for controlling the amount of feedback, and means for independently adjusting the phase of feedback.

2,060,593
METAL ELEMENT AND METHOD OF MAKING THE SAME
Werner T. Schaurte, Neuss-on-the-Rhine, and August Thum, Darmstadt, Germany, assignors to Bauer & Schaurte, Rheinische Schrauben u. Mutternfabrik A. G., Neuss-on-the-Rhine, Germany, a corporation of Germany
Application April 25, 1935, Serial No. 18,084
In Germany April 25, 1934
5 Claims. (Cl. 10—27)

1. A homogeneous metal element having a reduced portion which serves to increase the fa-

tigue strength of the element, and as a whole having different tenacities in correspondence with the cross-sectional dimensions of the individual portions for the purpose of developing strength properties in said element which enable said element in all of said portions to take up substantially the same initial load without overstraining.

3. The method of producing a homogeneous metal element having a reduced portion which serves to increase the fatigue strength of the ele-



ment, consisting in shaping said element to produce therein portions having various cross-sectional dimensions and as a consequence of the processes by which said portions are shaped, imparting different tenacities to the individual portions of said element in correspondence with their cross-sectional dimensions for the purposes of developing strength properties in said element which enable both the reduced and the unreduced portions thereof to take up substantially the same initial load without overstraining.

2,060,594
PHOTOGRAPHIC DEVELOPER
Wilhelm Schneider, Dessau, and Gustav Wilmanns, Wolfen Kreis Bitterfeld, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
No Drawing. Application May 11, 1935, Serial No. 20,984. In Germany May 19, 1934
7 Claims. (Cl. 95—88)

1. A photographic developer including a halogenated 2-methylaminophenol.

2,060,595
PHOTOGRAPHIC DEVELOPER
Wilhelm Schneider, Dessau, and Gustav Wilmanns, Wolfen Kreis Bitterfeld, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
No Drawing. Application May 11, 1935, Serial No. 20,985. In Germany May 19, 1934
2 Claims. (Cl. 95—88)

1. A photographic developer including a 2-methylaminophenol containing in its nucleus an alkoxy group without alkali.

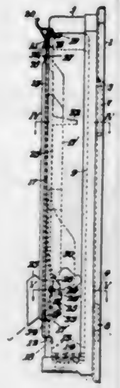
2,060,596
PHOTOGRAPHIC DEVELOPER
Wilhelm Schneider, Dessau, and Gustav Wilmanns, Wolfen Kreis Bitterfeld, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
No Drawing. Application May 17, 1935, Serial No. 21,976. In Germany June 9, 1934
7 Claims. (Cl. 95—88)

1. A photographic developer including a 2-methylaminophenol containing in its nucleus a radical selected from the group consisting of amino groups and dialkylamino groups.

2,060,597
METHOD FOR THE PRODUCTION OF TERPINEOL FROM PINENE
Donald H. Sheffield, Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 9, 1935, Serial No. 1,021
13 Claims. (Cl. 260—153)

1. The method of producing terpineol from pinene which includes treating pinene with a mixture of formic acid and phosphoric acid having a total acidity not in excess of 75% and containing phosphoric acid in amount of from about 20% to about 40% by weight of the formic acid present, whereby terpineol is produced directly as the major reaction product.

2,060,598
TOOTH BRUSH CABINET
Charles M. Tursky, Turtle Creek, Pa.
Application January 30, 1936, Serial No. 61,443
4 Claims. (Cl. 312—112.5)

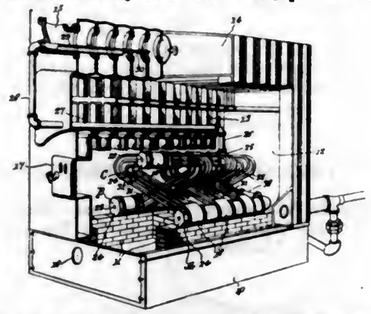


1. In a toothbrush cabinet; an inclosure for a substantially secluded atmosphere, formed of two normally rigidly connected members which may be readily disconnected to be separately washed; including a brush container formed of ceramic material, and a front metallic cover panel for said container, having a plurality of openings for individual brush holders; means for rigidly but detachably connecting said two members; relatively oscillatory individual brush holders respectively fitted in said openings; means pivotally connecting said holders with said cover panel; and spring means for individually stressing said holders for normally closing said openings and holding the brushes in said atmosphere.

2,060,599
HEATING UNIT FOR COMBUSTION CHAMBERS
Ray F. Van Seggern, New Brunswick, N. J.
Application March 23, 1933, Serial No. 662,403
16 Claims. (Cl. 122—210)

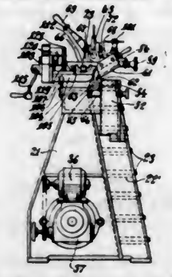
1. In combination with a boiler having a riser through which a heating medium passes from the boiler, an improved heating unit located in the combustion chamber of the boiler, a hot water and steam pipe leading from said heating unit and entering the dome of the boiler horizontally,

said pipe having its delivery end remote from the riser and cut away as to its under portion for an



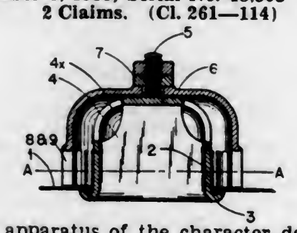
appropriate length to provide for the separation of water and steam.

2,060,600
DOCTOR KNIFE MAINTAINING MECHANISM FOR PRINTING PRESSES
Adolph Weiss, Brooklyn, N. Y.
Application August 18, 1934, Serial No. 740,365
22 Claims. (Cl. 164—76)



1. A machine for doctor knife maintenance comprising a support for a doctor knife holder, a table for supporting the doctor knife, and adjusting means associated with said table to adjust the position of said doctor knife with respect to said holder.

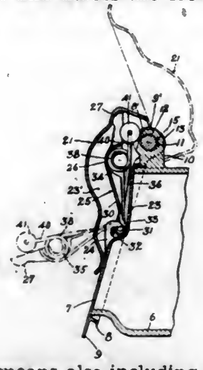
2,060,601
BUBBLE CAP
Theodore O. Wentworth, Cincinnati, Ohio
Refiled for abandoned application Serial No. 711,892, February 19, 1934. This application November 8, 1935, Serial No. 48,863
2 Claims. (Cl. 261—114)



1. In apparatus of the character described, a bubble cap internally formed to receive vapor and provided with a plurality of peripheral teeth, successive teeth in cross-section being substantially triangular and substantially semi-annular.

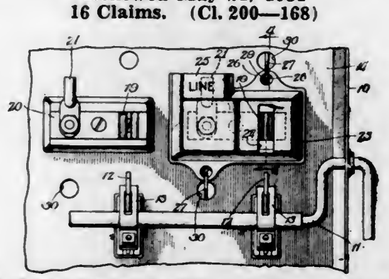
2,060,602
JOURNAL BOX LID
George A. Woodman, Chicago, Ill.
Application October 26, 1934, Serial No. 750,100
6 Claims. (Cl. 308—47)

1. In combination with a journal box having a bearing boss thereon, a lid including a plate for closing the open side of said journal box, means pivotally connecting said plate to said bearing boss, and means for urging said plate into closing position over the open side of said journal box and embodying a spring, said spring including coiled portions and a part extending in one direction from said coiled portions and engaging said bearing boss and also including limbs extending from said coiled portions in a direction opposite to said part and across the front of said plate,



the urging means also including a lever engaged with the coiled portions and pivotally connected to the limbs of said spring and including a pressure receiving part arranged in juxtaposed relation but spaced from said part of said spring, and said urging means also including means engageable with the pressure receiving part of said lever to exert pressure thereon and tension said spring whereby when the spring is tensioned said plate is urged into closing position over the open side of said box.

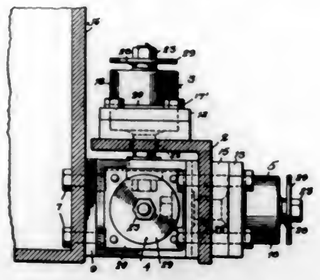
2,060,603
PROTECTIVE COVER FOR ELECTRIC SWITCHES
Albert P. Ball, Detroit, Mich., assignor to Square D Company, Detroit, Mich., a corporation of Michigan
Application October 6, 1921, Serial No. 505,740
Renewed May 21, 1931
16 Claims. (Cl. 200—168)



16. In an electric switch, a base, a contact clip mounted thereon, a pivoted switch blade co-operable with said clip, a one-piece fireproof block having a recess receiving said clip and having at one side of said recess and above the same a relatively narrow longitudinal slot which receives said blade when the latter is closed, and means securing said block against said base and around the inner end of said clip, the outer end of said block being outwardly spaced from the outer end of said clip, the aforesaid slot opening through the longitudinal side of the block toward the

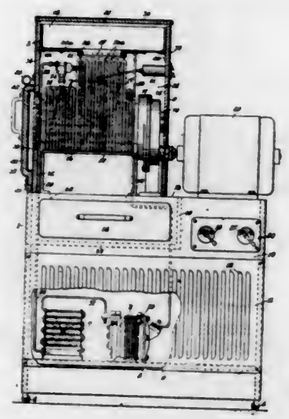
blade pivot and the rear wall of said block extending forwardly into the slot at the outer end of said block.

2,060,604
RESILIENT SUPPORT FOR ENGINES
Lawrence M. Bartlett, deceased, late of Buffalo, N. Y., by Edward R. Bartlett, executor, Bronxville, N. Y.
Application November 16, 1935, Serial No. 50,227
3 Claims. (Cl. 248—5)



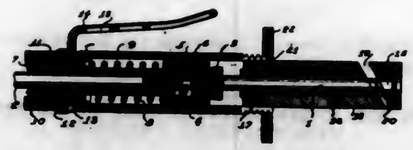
1. An engine mounting, including a support and an engine, of a shock absorber assemblage comprising three shock absorbers at right angles to each other, bolts extending through each shock absorber, an angular fitting to which all of the bolts are coupled, said bolts projecting through openings in the support and in the fitting of appreciably greater diameter than the diameter of the bolts, said fitting secured to the engine and said absorbers operatively engaging the support.

2,060,605
REFRIGERATION FOR MEAT GRINDERS OR LIKE DEVICES
Eugene Biancalana, Richmond Hill, N. Y.
Application December 1, 1934, Serial No. 755,523
11 Claims. (Cl. 62—1)



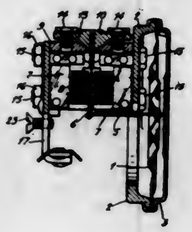
1. A refrigerating unit adapted to contain a meat-cutting device having a feed-cylinder and a supply-hopper, comprising a cabinet for normally completely enclosing the device having an upper lid providing access to the hopper and a side door normally closing an opening formed in one of the side walls in registration with the discharge end of the cylinder, said door being pivotally mounted at its lower edge for outward movement into a position to receive meat from the discharge end of the cylinder, and refrigerating coils in said cabinet disposed adjacent the device.

2,060,606
ELECTRIC ARC WELDING ELECTRODE HOLDER
Claude A. Bowius, Birmingham, Mich.
Application April 29, 1935, Serial No. 18,733
5 Claims. (Cl. 219—8)



3. In a device of the class described, a tubular handle member, a conductor-carrying plunger axially movable therein, a spring urging said plunger forwardly in said handle member, a stop limiting such forward movement of said plunger, and a plunger-retracting lever engaged between said stop and said handle member.

2,060,607
TELEPHONE
Joseph A. Briggs, Erlton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application October 4, 1933, Serial No. 692,054
6 Claims. (Cl. 179—119)

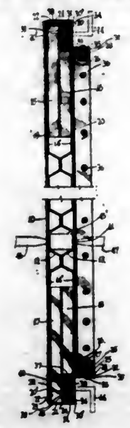


1. A telephone motor comprising a vibratable armature, armature clamping means provided with a cylindrical surface, and means for adjusting the said clamping means about the axis of curvature of said surface and simultaneously forcing said clamping means into intimate relation with the said armature.

2,060,608
DOOR CONSTRUCTION
Marcus B. Butler, Jr., and Charles B. Conwell, Philadelphia, Pa., assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
Application August 21, 1934, Serial No. 740,744
12 Claims. (Cl. 189—46)

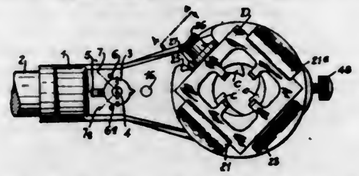
1. A door construction comprising a main body fabricated out of inner corrugated plates, the corrugations of which overlap and are secured

together, and outer flat plates forming the outer faces of the door, one on each side of the door,



secured to corrugated plates in their overlapped areas.

2,060,609
THREAD CUTTING DEVICE
Michael J. Clabby, Bridgeport, Conn., and Harry S. Ashmun, New York, N. Y., assignors to Armstrong Manufacturing Co., New York, N. Y., a corporation of Connecticut
Application October 21, 1933, Serial No. 694,610
5 Claims. (Cl. 10—124)



1. In a thread-cutting device, a holder adapted to have thread-cutting means located therein, said holder having a pair of upstanding lugs having lips which overlie and are spaced from said thread-cutting means, said holder also having a third lug intermediate the first mentioned lugs, said first mentioned lugs having upstanding ground faces and said lips having bottom ground faces, the bottoms of said upstanding ground faces being above the top of the third lug, the thread-cutting device having faces which correspond to and which are spaced from the adjacent faces of said three lugs, said holder having a holding device which is adapted to retain said thread-cutting means loosely in position between said lugs, said holding device being spaced from said thread-cutting means when the holding device is in operative position, the holder having teeth adapted to be engaged by the pawls of a ratchet-operating device.

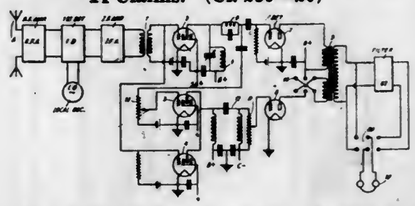
4. In a thread-cutting device, a hollow ratchet-drive member having a socket into which the toothed end of a holder for a thread-cutting device can be fitted, said member having a pair of pivoted arms connected thereto, spring means adapted to force the ends of said arms into engagement with the teeth of said toothed end, said member having a turnable cam located between said arms, said cam having a flat face, both arms contacting with said cam in all positions of said cam, each arm being in the operative position when it contacts with the flat face of said cam, both arms being held in the inoperative position when neither arm contacts with the flat face of the cam.

2,060,610
ELECTRODE STRUCTURE FOR ELECTRIC DISCHARGE LAMPS
James L. Cox, Danvers, Mass., assignor to Hygrade Sylvania Corporation, Salem, Mass., a corporation of Massachusetts
Application June 5, 1935, Serial No. 24,991
10 Claims. (Cl. 176—126)



1. An arc-discharge lamp comprising an enclosing envelope having a filling of an ionizable medium, a pair of electrodes mounted in spaced opposing relation within said envelope to sustain an arc therebetween, both said electrodes being in the form of a V-shaped wire terminating in an inwardly offset convoluted portion having the points thereof faced towards each other and situated on the axis of the envelope for the purpose of centering the arc.

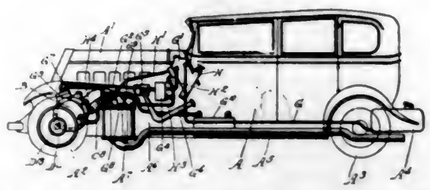
2,060,611
RECEIVING SYSTEM
Murray G. Crosby, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application December 23, 1933, Serial No. 703,770
14 Claims. (Cl. 250—20)



1. In combination, an electron discharge device having an input circuit and an output circuit, a filter of sloping characteristic in one of said circuits whereby said device and output circuit and filter have, overall, a sloping characteristic, means for feeding modulated carrier energy to said input circuit, a vacuum tube detector having an input circuit and an output circuit, a filter of flat topped characteristic in one of said circuits, whereby said vacuum tube and output circuit and flat topped filter have, overall, a flat topped characteristic, means for feeding modulated carrier energy to the input circuit of said vacuum tube detector, means for feeding en-

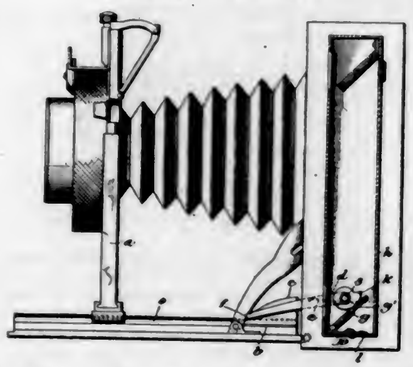
ergies from the output circuit of said device to the input circuit of said tube, whereby said combined energies are detected, means for separately detecting energy from the output circuit of said electron discharge device, means for combining the detected energies, and means for translating the detected energies.

2,060,612
POWER GENERATING AND TRANSMITTING SYSTEM
Charles W. Dake, Grand Haven, Mich.
Application November 2, 1931, Serial No. 572,718
9 Claims. (Cl. 180—66)



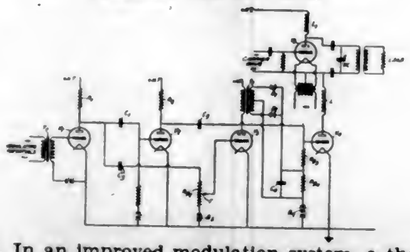
1. In an automotive vehicle, an elastic fluid turbine having a plurality of separate turbine wheels mounted for independent rotation in opposite directions, means for supplying motive fluid to one of them, the second being adapted to receive its motive fluid from the first, a separate power transmission means between each turbine wheel and a separate vehicle wheel adapted to cause rotation of the vehicle wheels in the same direction responsive to the opposite directional rotation of the turbine wheels, and reverse mechanism for simultaneously changing the direction of rotation of the vehicle wheels relative to the respective turbine wheels.

2,060,613
FOCUSING ADJUSTMENT FOR CAMERAS BY MEANS OF THE FINDER
Paul Dautzenberg, Aachen, Germany, assignor to Ehrhard Henke, Radeberg, Germany
Application May 5, 1932, Serial No. 609,415
In Germany January 31, 1930
3 Claims. (Cl. 95—44)



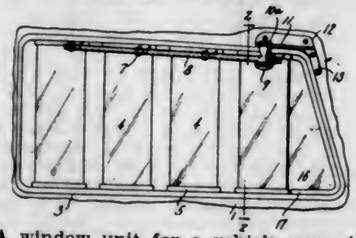
1. A camera including its objective carrier, means to adjust the same, and finder comprising a curve adapted to be moved by the means for adjusting the objective carrier, means to transmit the objective carrier adjustment to the finder, and a second curve associated with this transmission means.

2,060,614
MODULATING CARRIER WAVE TRANSMITTER
William Theodore Ditcham, Chelmsford, England, assignor to Radio Corporation of America, a corporation of Delaware
Application October 10, 1934, Serial No. 747,673
In Great Britain October 13, 1933
7 Claims. (Cl. 179—171)



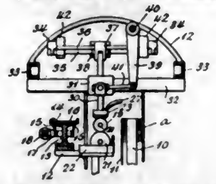
1. In an improved modulation system, a thermionic relay tube having a control grid, an anode and a cathode, a circuit applying carrier waves to be modulated to the control grid and cathode of said tube, a modulator tube having an anode, a cathode and a control grid, a circuit connecting the anode-to-cathode impedances of said tubes in series with each other and with a source of direct current potential, a source of modulating potential connected to the control grid of said modulator tube, a source of direct current potential connected with the control grid and cathode of said modulator tube for maintaining said control grid negative relative to said cathode, whereby the impedance between the anode and cathode of said modulator tube is high in the absence of modulating potentials, and means for reducing the impedance of said modulator tube in the presence of modulating potentials, comprising a resistance connected in series with said last named direct current potential source, and a rectifier having input electrodes coupled to said source of modulating potentials and output electrodes connected to said resistance.

2,060,615
VENTILATING WINDOW FOR AUTOMOBILES
Otto Ernst, Larchmont Manor, N. Y.
Application October 29, 1932, Serial No. 640,230
4 Claims. (Cl. 98—2)



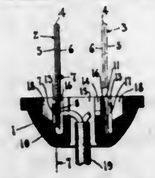
4. A window unit for a vehicle comprising a frame having a straight interior shoulder, transparent panels in said frame, reinforcing members extending along the tops and bottoms of said panels and having grooves receiving the latter, journals on said members engaging the top and bottom of said frame adjacent the shoulder, a rigid arm projecting from one member of each panel, a link pinned to said arms, and means comprising a knob on one of the arms and a slotted plate in stationary position to operate the panels and hold them in adjusted position.

2,060,616
MACHINE FOR APPLYING ADHESIVE
Paul W. Fleischer, Weehawken, and George W. von Hofe, Bound Brook, N. J., assignors to New Jersey Machine Corporation, Hoboken, N. J., a corporation of New Jersey
Application September 5, 1935, Serial No. 39,236
7 Claims. (Cl. 91—50)



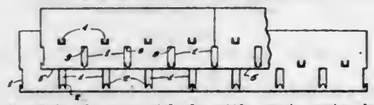
1. In an adhesive applying mechanism, in combination an adhesive applying roll, a sheet supporting surface having a design in relief thereon, means for supporting a sheet on said surface in conformity to said relief design, and means for engaging the design conforming parts of said sheet exclusively with said adhesive applying roll whereby an adhesive pattern is produced on said sheet in accordance with the said design in relief.

2,060,617
ELECTRICAL CONNECTER
Charles E. Gilbert, New York, N. Y.
Application January 17, 1935, Serial No. 2,168
13 Claims. (Cl. 173—361)



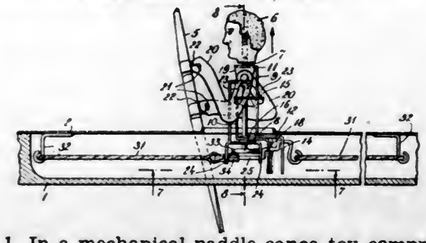
5. An electrical connecter comprising a body of insulating material provided with a longitudinal recess and shoulders constricting said recess adjacent its open end and a contact element, said contact element consisting of a strip of conducting material bent upon itself so that one leg is longer than the other, the free end of said legs being seated in said recess, the longer leg being provided with an aperture and an outwardly extending tongue engaging with a wall of said recess and abutting said shoulder to lock said contact element in said recess against retraction, the shorter leg being provided with an inwardly extending tongue adjacent its free end lying within said aperture.

2,060,618
SHINGLE
Harry H. Honigbaum, Forest Hills, N. Y.
Application October 20, 1934, Serial No. 749,291
9 Claims. (Cl. 108—7)



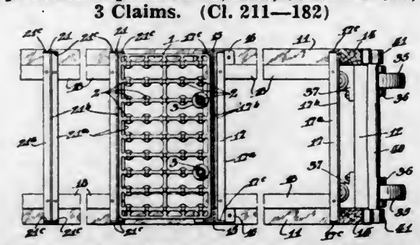
1. A shingle provided with cut outs in the weather portion of the shingle extending from points in spaced relation to and in a direction away from the weather edge thereof and spaced laterally apart to form an intermediate shingle tab in the weather portion of the shingle, said shingle being also provided beyond and between the upper ends of said cut outs and within the body of the shingle and spaced from the edges thereof with another cut out, one of said cut outs being formed to provide at the edge thereof a tongue adapted to be projected over the edge of another cut out of another shingle of the same kind when the shingles are laid in courses on a roof to hold down the weather edge of the overlying shingle.

2,060,619
MECHANICAL PADDLE CANOE TOY
Oskar J. F. Jacobson, New York, N. Y.
Application August 24, 1935, Serial No. 37,615
20 Claims. (Cl. 46—92)



1. In a mechanical paddle canoe toy comprising a canoe and a paddle, the combination of means for operating the paddle to propel the canoe comprising a horizontal bar, means for oscillating the bar in a horizontal plane about a vertical axis, arms pivotally mounted on the bar and supporting the paddle, and means for oscillating the arms about the bar out of phase relative to each other as the bar is oscillated about its vertical axis.

2,060,620
TRUCK
Henry Janssen, Wyomissing, Pa., assignor to Textile Machine Works, Wyomissing, Pa., a corporation of Pennsylvania
Application September 14, 1933, Serial No. 689,394
3 Claims. (Cl. 211—182)



1. In a rack adapted to support bobbin spindle trays of the type having a base providing with its end members, handle means within the confines of each of said trays at each end thereof, the combination of a series of shelves, four uprights mounted for mobility within which said shelves are built, said shelves comprising a plurality of longitudinally extending vertically spaced horizontal bars, a series of transversely extending horizontal cross bars mounted on said longitudinal extending bars, said last named bars together providing pockets for the reception of bobbin trays, and undercut means at each end of the transversely extending bars facilitating initial guiding of bobbin trays to the pockets, said transversely extending bars providing means preventing lateral or longitudinal movement of the trays relative to the rack, upon the same being positioned in their respective pockets.

2,060,621
MOP
Wade H. Jayne, Brooklyn, N. Y.
Application February 14, 1935, Serial No. 6,550
1 Claim. (Cl. 15—147)



A mop comprising a handle having a hole across and spaced from one end, a mop swab which is doubled on itself to provide a head medially of its ends, a rubber cap fitted down over the head and having a neck opening into the cap in which the end of the handle is frictionally fitted, said neck gripping the handle end, and a tie element medially inserted in said hole and having its ends bent to provide portions extending along the handle end and under the doubled part of the swab where it is tied to force the head up against the handle end, said bent portions forming shoulders which are engaged by said rubber neck to keep the neck from slipping off.

2,060,622
CAPTIVE RECEPTACLE CAP
Clarence M. Jones, Tulsa, Okla.
Application May 15, 1933, Serial No. 671,235
2 Claims. (Cl. 215—74)



1. The combination with a receptacle neck, a valve cap threaded on said neck and having a valve seat axially disposed therein and a concentric valve seat surrounding the valve seat axially disposed, the concentric valve seat being upwardly and inwardly tapered, of a valve carried by the neck axia ly thereof, an annular valve carried by the neck and surrounding the first mentioned valve, said valves being stamped from a single piece of material and being hollow and in the path of the corresponding valve seat in the cap, said annular valve being V-shaped in transverse cross section and comprising an outer flange and an inner flange, said inner flange inclining downwardly and inwardly, a perforated disc carried by the downwardly and inwardly inclined flange, means carried by the neck and engaging the downwardly and inwardly extending flange and limiting the downward movement thereof and insuring a flexing thereof when the annular valve is seated in the annular set of the cap when the cap is screwed tight, to closed position.

2,060,623
PROCESS OF PREPARING ANGELIC ACID
Hans P. Kaufmann, Munster, Germany, assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
No Drawing. Application June 22, 1936, Serial No. 86,582. In Germany November 30, 1934
5 Claims. (Cl. 260—112)

1. A process of preparing angelic acid which consists in reducing beta brom angelic acid with nascent hydrogen.

2,060,624
BOOKMARK
Louis Kenedy, New Rochelle, N. Y., assignor to P. J. Kenedy & Sons, New York, N. Y., a corporation of New York
Application October 3, 1934, Serial No. 746,648
1 Claim. (Cl. 281—42)



A full bound book including a plurality of leaves permanently attached along one edge to the binding element of the back of the book permitting the unattached edges of the leaves to be moved away from and toward each other in opening and closing the book, and a plurality of flat flexible tapes secured to the binding element and freely projecting therefrom for removable insertion at selected places between the leaves of the book, a cord secured to the binding element and adapted for insertion between any two leaves of the book, said cord being of such thickness that when placed between leaves and relatively close to the binding element and the book is held loosely in the hand or resting on the binding element with the unattached edges of the leaves pointing upwardly, the book will automatically open at the point at which the cord is inserted.

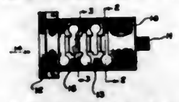
2,060,625
PROCESS OF PREPARING SELF-HARDENING COMPOSITIONS AND PRODUCTS OBTAINABLE THEREBY
Georg Kränzlein, Frankfort-on-the-Main-Hochst, and Richard Karl Müller, Bad Soden, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application June 29, 1934, Serial No. 733,130. In Germany February 9, 1931
9 Claims. (Cl. 134—26)

2. A lacquer capable of self-hardening at atmospheric temperature comprising an alcohol-soluble phenol-aldehyde resin and a metal oxide of the group consisting of red lead and cadmium oxide in an amount sufficient for hardening the resin by reaction therewith.

2,060,626
LOCK AND PROCESS OF MAKING THE SAME
Joseph F. Lach, Stamford, Conn., assignor to The Yale & Towne Mfg. Co., Stamford, Conn., a corporation of Connecticut
Application April 22, 1933, Serial No. 667,371
9 Claims. (Cl. 29—148)

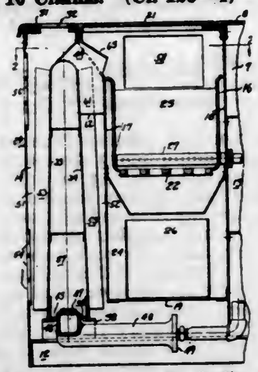
5. The method of forming a key plug which consists in first casting said plug with a series

of tumbler chambers completely separated by walls, inserting a series of guide members in said chambers, each of said guide members being pierced in a predetermined design conforming to the keyway to be formed in said plug, and then



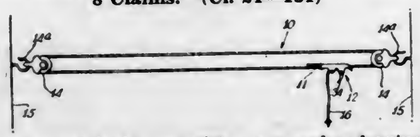
piercing the first wall with a tool formed like the piercings of said guide members and thereby forming in said first wall a keyway opening, the metal cut-out of said wall being operable thereafter when forced downwardly by said tool to pierce the next wall and so on.

2,060,627
COMBINATION HEATER-RANGE
Joseph E. Leonard, Berkeley, Calif., assignor to Hammer-Bray Company, Oakland, Calif., a corporation of Nevada
Application April 9, 1934, Serial No. 719,651
10 Claims. (Cl. 126—4)



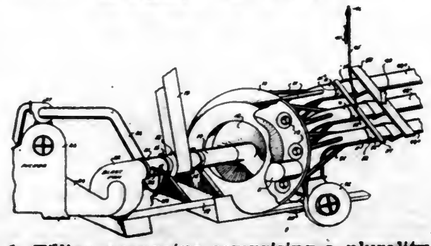
4. In combination, a stove including a combustion chamber, said stove having a top plate, a flue, said combustion chamber having an outlet to said flue, a gas operated fresh air heater in said stove having a passageway for the products of combustion therefrom to said combustion chamber, said combustion chamber and fresh air heater being in juxtaposed position to thereby define a fresh air passageway in heat interchange relation with both said combustion chamber and said fresh air heater, said fresh air passageway being located between said combustion chamber and fresh air heater.

2,060,628
CLOTHESLINE CLAMP LOCK
John McCormick, Hillside, N. J.
Application April 2, 1936, Serial No. 72,338
8 Claims. (Cl. 24—134)



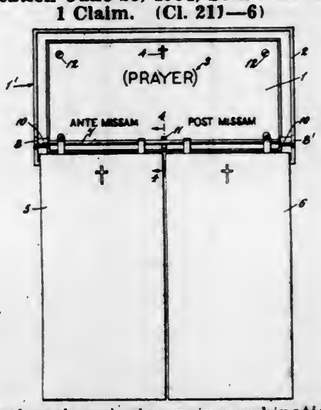
1. A rope lock comprising a member having a top wall and depending portions interconnected by a pin, a lever pivoted on said pin, having an eccentric edge, said top wall having an opening above said pin, the depending portions of said member being further interconnected by a second pin parallel to said first pin, and a roller on said second pin.

2,060,629
PAD FILLING APPARATUS
Thomas L. McJoynt, Janesville, Wis.
Application September 18, 1934, Serial No. 744,574
22 Claims. (Cl. 226—43)



1. Filling apparatus comprising a plurality of nozzles for discharging filling material, a pipe for the passage of air laden with filling material having its discharge end movable in an endless path, conduits communicating with said nozzles and opening in said endless path, with which the discharge end of said pipe successively registers, means for moving the material-laden air column through said pipe, conduits and nozzles, and means for condensing the material as it enters said conduits.

2,060,630
TOWEL RACK
Henry P. Mertel, Ridgefield, N. J.
Application June 25, 1934, Serial No. 732,265
1 Claim. (Cl. 211—6)

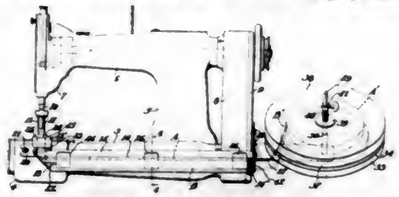


A towel-rack embodying, in combination, a flat metallic supporting element adapted to be attached to a wall and provided at its edges with a frame member, fixed brackets on said frame at opposite ends of said supporting element, fixed members in said brackets each having an external screw-thread, and a socket member at each end of the towel supporting member having an internal screw thread cooperating with one of said fixed members to permit connection to and disconnection of the towel-supporting member from said bearing brackets.

2,060,631
STRIP-GUIDE FOR SEWING MACHINES
Walter Myers, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application August 4, 1934, Serial No. 738,487
11 Claims. (Cl. 112—152)

1. The combination with a feed-off-arm sewing machine having a frame including a suspended

work-arm free at one end thereof and a work-arm carrier-arm substantially coplanar with the work-arm, and stitch-forming mechanism at the free end of said work-arm, of a strip-guide ex-



tending lengthwise and disposed between the upper and lower faces of said carrier-arm, and means for directing a strip passed through said strip-guide upon the upper face of said work-arm.

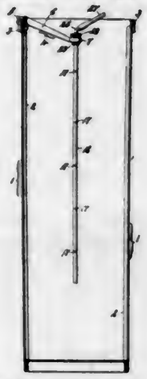
2,060,632

AIR-INLET DROP TUBE AND BRACKET FOR ICE MAKING SYSTEMS

Wilbur B. Nelson, Philadelphia, Pa., assignor to Ice Plant Equipment Company, Philadelphia, Pa., a corporation of Pennsylvania

Application February 21, 1935, Serial No. 7,549

4 Claims. (Cl. 62—159)



1. A unit for freezing cans comprising a bracket having one end adapted for seating engagement over the can upper edge and in the other end a bore, a groove in the bracket opening into the bore, a drop tube having a ferrule on its upper end for engagement in the bore, a rib on the ferrule adapted to engage said groove, a collar on the ferrule, means on the bracket affording a line bearing for the collar, said collar having an exteriorly threaded head and an intermediate reduced portion to provide a shoulder to inwardly deflect a part of the collar, as and for the purpose set forth.

2,060,633

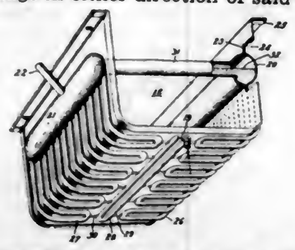
EVAPORATOR FOR REFRIGERATING MACHINES

Delbert F. Newman, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application January 26, 1935, Serial No. 3,651

21 Claims. (Cl. 62—126)

1. A flooded evaporator for refrigerating machines comprising a header and a depending U-shaped refrigerant circulating passage, means communicating with the lower portion of said U-shaped passage for injecting liquid refrigerant into said U-shaped passage and for assisting the thermally induced circulation of refrigerant in said passage in either direction of said thermally



induced circulation, and means for withdrawing gaseous refrigerant from said header.

2,060,634

FURNACE

Albert N. Otis, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application November 23, 1934, Serial No. 754,474

6 Claims. (Cl. 266—3)



1. A horizontally disposed furnace for continuously heat treating heavy steel strip comprising a heating chamber having an inlet opening at one end and near the top thereof and an outlet opening at the opposite end and near the bottom thereof, a cooling chamber connecting with said outlet opening and idler rolls located external to the heating chamber and arranged to support the strip freely therebetween as a catenary in said chambers, there being approximately equal portions of the catenary in each of said chambers whereby after being heated the strip is cooled at a rate to produce the desired change therein and to a point at which it is not damaged by contact with the following supporting idler roll.

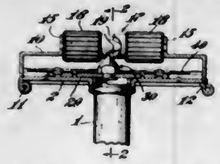
2,060,635

RAZOR WITH SLIDING ACTUATOR PLATE

Winfred T. Parkin, Providence, R. I., assignor to Theodore W. Foster & Bro. Co., Providence, R. I., a corporation of Maine

Application June 1, 1935, Serial No. 24,507

5 Claims. (Cl. 30—46)



1. Razor of the class described comprising a sheet metal support, a retainer normally positioned over the support, a driving roller rotatably mounted on the retainer, said roller having a cam portion, the sheet metal of the support being shaped to provide a shallow groove extending between the ends of the support, a planar actuating plate slidably received in the groove, the walls of the groove being undercut and the edges of the plate having a complementary form so that the plate may slide in the groove but may not move vertically out of the same, said plate having a follower portion to extend through an opening in a blade disposed between the support and retainer, said follower portion operatively engaging the cam portion of the roller so that the plate and blade are reciprocated when the roller is rotated.

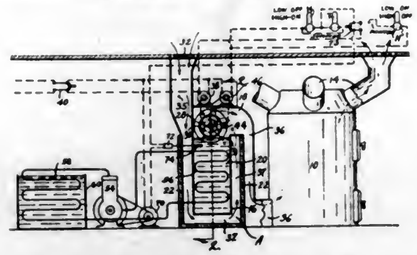
2,060,636

AIR CONDITIONING SYSTEM

Lawrence M. Persons, Des Moines, Iowa, assignor to Penn Electric Switch Co., Des Moines, Iowa, a corporation of Iowa

Application July 16, 1935, Serial No. 31,615

3 Claims. (Cl. 257—3)



1. In an air conditioning system, air circulating mechanism, a receptacle having water therein, an element having portions movable into and out of said water, heating means for the air in said room, humidity responsive means for automatically controlling the movement of said element in winter and humidity compensated thermostatic means for automatically controlling the movement of said element in summer.

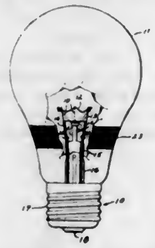
2,060,637

SIGNAL LAMP

Kirk M. Reid, East Cleveland, and Henry J. Chanon, Cleveland, Ohio, assignors to General Electric Company, a corporation of New York

Application May 11, 1933, Serial No. 670,448

9 Claims. (Cl. 177—329)



3. An electric incandescent lamp adapted to be used in a signal light comprising a reflector and a cover glass, said lamp comprising a transparent bulb having a pair of filaments therein electrically connected in multiple, and a substantially opaque area on said bulb so located as to be in the path of some of the light rays directed toward the said reflector by the combined light source formed by said filaments when said lamp is used in said reflector, the overall dimensions of the said two filaments being sufficient to direct light behind said opaque area and substantially uniformly illuminate said cover glass to give a normal signal indication when both of said filaments are energized, but the dimensions of one of said filaments being too small to direct sufficient light behind said opaque area so that when the other filament fails a characteristic shadow of said opaque area of contrasting appearance from the normal signal indication appears on said cover glass.

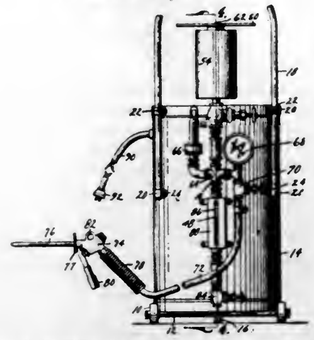
2,060,638

SERVICE STATION STEAMER

Harold L. Schlosser, Defiance, Ohio, assignor to Lectrolite Corporation, Defiance, Ohio, a corporation of Ohio

Application March 5, 1934, Serial No. 714,058

7 Claims. (Cl. 219—38)



1. In a steam producing device, a boiler, an electric heating element surrounding said boiler for applying heat over a considerable area of the outside of said boiler, a flexible steam hose extending from said boiler, a manual control valve on the outer end of said steam hose for controlling the flow of steam from the boiler and means for permitting the filling of said boiler with water while it contains steam, said means comprising a filler tank having valved communication with said boiler, a filler plug for said tank and a charging check valve connected with said tank and adapted for connection with an air chuck.

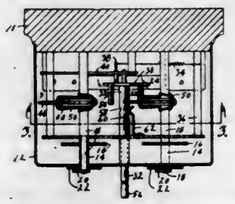
2,060,639

SELECTOR FOR CONTROL CLOCKS

Burton E. Shaw, Adel, Iowa, assignor to Penn Electric Switch Co., Des Moines, Iowa, a corporation of Iowa

Application May 2, 1936, Serial No. 77,487

9 Claims. (Cl. 200—38)



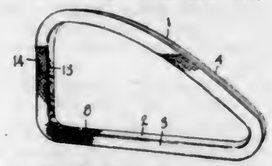
1. The combination with a control clock having a switch, a movable element for opening said switch when said movable element is in one position and for closing said switch when said movable element is in another position, and a pair of clock actuated members, one for moving said element to one of said positions, and the other for moving it to the other of said positions, said movable element being manually movable to either of said positions, of a selector for preventing such movement comprising a control handle connected with said movable element and operable to move it to a position where said clock actuated members cannot move it.

2,060,640
METHOD OF MAKING INTAGLIO PRINTING PLATES
Charles P. Shaw, Detroit, Mich., assignor to Detroit Moulding Corporation, Detroit, Mich.
Application December 17, 1934, Serial No. 757,792
13 Claims. (Cl. 95—5.7)



1. The method of making an intaglio plate for offset printing, which comprises the steps of making a continuous tone negative of the subject, converting said continuous tone negative into a positive transparency, modifying the tone and detail of said positive transparency, lighting the transparency by reflected light passing through the transparency and being diffused and refracted thereby, making a screen negative of the transparency so lighted by exposure first with a fairly large stop for three minutes to bring out the high lights, then with a stop of one-half the size of the first for three and one-half minutes to bring out the middle tones, and finally with a stop one-fourth the size of the second for six minutes to bring out the shadows, making a screen positive from the screen negative, and making an etched intaglio printing plate from said screen positive, the exposures and etching being controlled so that the depth of the cells is directly proportional to their area.

2,060,641
METHOD FOR FINISHING GARNISH MOLDINGS
Charles P. Shaw, Detroit, Mich., assignor to Detroit Moulding Corporation, Detroit, Mich.
Application March 28, 1926, Serial No. 71,528
9 Claims. (Cl. 101—35)



9. The method of finishing moldings including the steps of applying a grained coating to one surface of the molding, wiping an adjacent surface of the molding to bring the grained coating to a substantially straight edge adjacent said second surface, and applying a symmetrical pattern coating to said second surface with the two coatings in edge to edge non-overlapping relation.

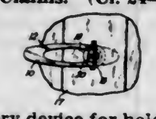
2,060,642
METHOD OF FORMING CONTAINERS WITH PAPER HOOPS
Swan Smith, White Bear, Minn., assignor to David C. Shepard, St. Paul, Minn.
Original application March 2, 1933, Serial No. 659,270. Divided and this application June 3, 1935, Serial No. 24,656
8 Claims. (Cl. 93—79)

1. The method of forming a laminated hoop having a tapered inner surface extending throughout the length thereof which consists in winding a strip of flexible material of gradually increasing width upon a tapering obect with one edge of the strip confined substantially to the plane containing the end of the hoop having the



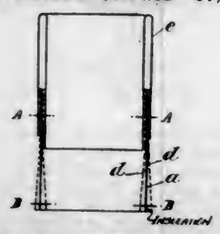
lesser internal diameter, and with the other edge of the strip progressively advancing along the object toward the other end of the hoop and in securing the convolutions of the strip together.

2,060,643
GARMENT BUTTON AND BUTTONHOLE ATTACHMENT
James W. Steele, Kansas City, Mo.
Application August 12, 1935, Serial No. 35,714
6 Claims. (Cl. 24—90)



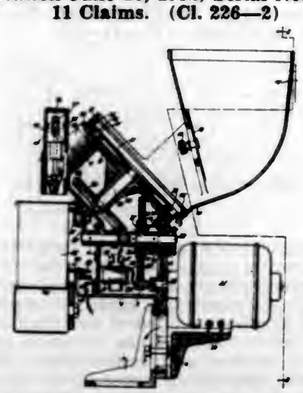
1. An accessory device for holding garment buttons and buttonholes in matched and unbuttoned relation, comprising an elongated strip of flexible material insertable through the buttonhole and provided with an elongated opening therein adapted to be looped over the button, said opening terminating a distance from the end of the strip sufficient to prevent pulling of the button entirely through the buttonhole.

2,060,644
ELECTRIC IMMERSION HEATER
Theodor Stiebel, Berlin-Tempelhof, Germany
Application January 9, 1936, Serial No. 58,244
In Germany March 27, 1935
8 Claims. (Cl. 201—67)



5. In an electric immersion heater, a double walled cylindrical member, a heating element engaged in the space between the walls of the cylindrical member, and sheets of electric insulating material interposed between the walls of the cylindrical member and the heating element, the cylindrical member being radially expanded to force the inner wall thereof beyond its limit of elasticity and the outer wall within its limit of elasticity whereby the heating element is maintained under pressure in the cylindrical member.

2,060,645
TABLET DEPOSITING MACHINE
Gerhart S. Suppiger and Clyde Alexander, Belleville, Ill., and John H. Schreiber, St. Louis, Mo., assignors to Scientific Tablet Co., Belleville, Ill., a corporation of Illinois
Application June 13, 1932, Serial No. 616,784
11 Claims. (Cl. 226—2)

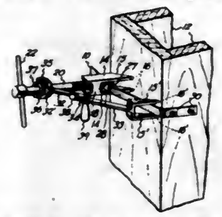


1. In a machine for depositing tablets in containers, the combination of a hopper, a unit discharge chamber having a downwardly directed discharge opening, a device for yieldingly holding articles against passage from said discharge opening, a rotating plate having means for separating unit articles from the bulk of articles delivered from said hopper, a chute between said plate and said unit discharge chamber, whereby unit articles may be conveyed from the plate to the chamber, the yieldingly holding device containing them in the chamber, a plunger reciprocating in said unit discharge chamber to discharge the unit articles therefrom by overcoming said yielding device, and operating mechanism for said plunger and said plate whereby articles are discharged from said plate for passage to said unit discharge chamber in synchronism with the discharge of unit articles from said unit discharge chamber.

11. An apparatus for depositing tablets into containers including means, having a discharge portion, for depositing a tablet into a container located in receiving relation to said discharge portion, normally disconnected means adapted when connected therewith, to actuate said depositing means, mechanism for selectively controlling the connection of said actuating means to said depositing means, said control mechanism having an element operable to a position wherein the actuating means may be connected to the depositing means, and said mechanism having means operable from an initial position to move said element to said position, said means being operated by the presence of a container in the relation aforesaid, and said means releasing said element to position wherein to cause disconnection of said actuating means and said depositing means upon a predetermined operation of the latter, said element moving means being inoperable to move said element again until returned to said initial position.

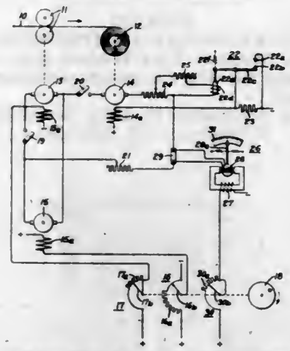
2,060,646
TOOL FOR CONCRETE FORMWORK
Thomas S. Thomsen, Kansas City, Mo.
Application July 24, 1935, Serial No. 32,892
4 Claims. (Cl. 254—79)

1. A tool for formwork, comprising a headpiece provided with spaced prongs formed with alined chisel edges, means providing a strap or band passage through said head-piece, and means for clamping said strap or band with a punching action within said passage, said last



means including a rod forming a handle for producing a prying action upon the band or strap by a fulcruming movement of the tool upon said chisel edges.

2,060,647
CONTROL SYSTEM
Leonid A. Umansky, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application December 13, 1934, Serial No. 757,282
5 Claims. (Cl. 80—32)

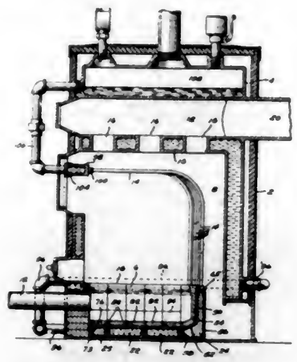


1. In combination in a control system for strip rolling mills and the like having reducing rolls and a tensioning reel, a motor for driving said rolls, a second motor for driving said reel, control means for varying the speed of the mill while maintaining the voltage supplied to said mill motor substantially constant, a device responsive to the input to said reel motor for indicating the tension of said strip, and means operably associated with said speed adjusting means for controlling said device to indicate the correct tension of said strip when the speed of said mill is changed by said adjusting means.

2,060,648
HEATING DEVICE
Ray F. Van Seggern, Maplewood, N. J.
Application July 29, 1933, Serial No. 682,862
12 Claims. (Cl. 122—210)

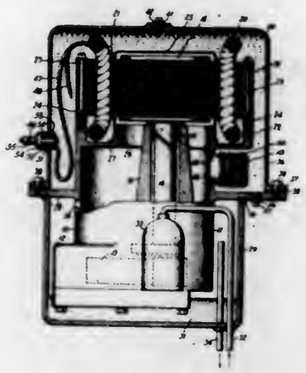
1. A unit adapted to be applied to existing boilers fired by oil burners to increase the absorption of heat from the flame and products of combustion passing therethrough, comprising a fire box having a compartment adapted to receive water extending about the bottom and sides of the fire box, the upper inner surface of which compartment presents an inclined face, heating tubes extending transversely of the path of flame and products of combustion passing from said fire box and into contact with said boiler, means connect-

ing the lower end of the heating tubes to the compartment in said fire box, and means con-



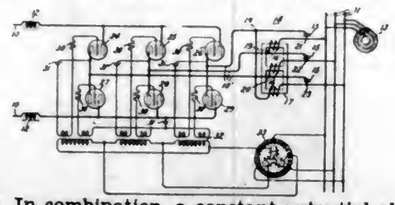
necting the upper ends of said heating tubes to the upper portion of said boiler.

2,060,649
REFRIGERANT COMPRESSOR
Wilbur W. Warner, Fort Wayne, Ind., assignor to General Electric Company, a corporation of New York
Application December 10, 1935, Serial No. 53,733
3 Claims. (Cl. 230—58)



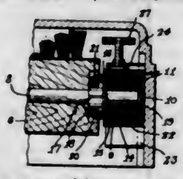
1. In combination, a compressor for compressing vaporized refrigerant passing therethrough including a compressor casing and a drive shaft, an electric driving motor for said compressor provided with a stator and a rotor, means for mounting said rotor on said drive shaft, means including a thin walled diaphragm extending between said rotor and said stator and cooperating with said compressor casing for preventing the leakage of vaporized refrigerant therefrom, the interior of said diaphragm being exposed to the vaporized refrigerant contained therein, an enclosing sealed casing extending about said stator, said enclosing casing being filled with an incompressible fluid to which the exterior of said diaphragm is exposed, and means including a resilient compressible bellows exposed on its opposite sides to the vaporized refrigerant and to the incompressible fluid for equalizing the pressures applied to the interior and exterior of said diaphragm.

2,060,650
ELECTRIC POWER CONVERTING APPARATUS
Clodius H. Willis, Princeton, N. J., and Burnice D. Bedford, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York
Application March 24, 1936, Serial No. 70,574
25 Claims. (Cl. 171—97)



14. In combination, a constant potential alternating current circuit, a constant current alternating current circuit, a constant current direct current circuit, converting means interposed between said alternating current circuits for transforming electric energy from constant potential to constant current and comprising a plurality of reactance elements of opposite sign connected alternately in a circuit, means relating reactance elements of said converting means so that the vector sum of the voltages of reactance elements of like sign at any instant shall be substantially zero, and electronic converting means interposed between said alternating current circuit of constant current and said direct current circuit.

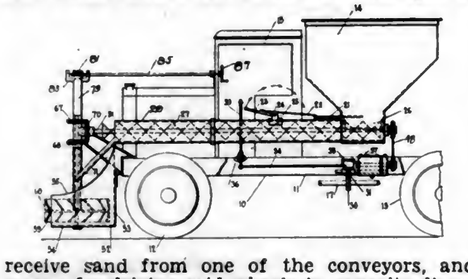
2,060,651
BEARING
George W. Allen, Hyde Park, Boston, Mass., assignor to B. F. Sturtevant Company, Boston, Mass.
Application April 11, 1936, Serial No. 73,906
3 Claims. (Cl. 308—36.4)



1. A bearing assembly comprising in combination, a rotary shaft, an oil porous bearing around the outer portion of said shaft, an oil reservoir, a plurality of oil absorbing rings in said reservoir and in contact with said bearing for supplying oil to the surface of said bearing, and an oil absorbing ring around said shaft at the inner portion of said bearing, said ring having a plurality of tongue like extensions extending over said shaft beyond said bearing for receiving the oil thrown out of said bearing by said shaft and for returning it to said absorbing material in said reservoir.

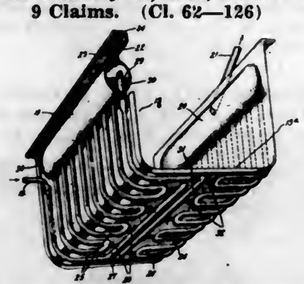
2,060,652
SAND SPREADER
Charles A. Arnold, West Haven, Conn.
Application November 27, 1934, Serial No. 755,021
28 Claims. (Cl. 275—8)

1. In a sand spreader, an automobile truck including a body to receive and carry sand, a pair of conveyors on and arranged one at each side of the truck, valve means controlling passage of sand from the body to the conveyors, means for driving said conveyors from a moving part of the truck, substantially horizontally arranged sand spreading wheels at the forward end of the truck, said wheels spaced apart and each arranged to



receive sand from one of the conveyors, and means for driving said wheels in opposite directions.

2,060,653
REFRIGERATOR EVAPORATOR
Leonard W. Atchison, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application January 22, 1935, Serial No. 2,917
9 Claims. (Cl. 62—126)

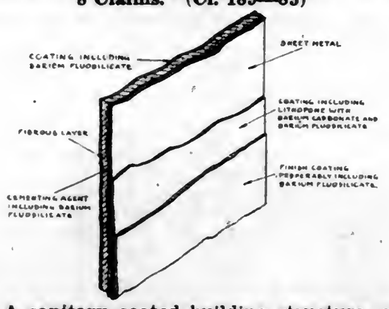


4. A flooded evaporator for refrigerating machines comprising two headers and means providing two groups of depending refrigerant circulating passages for containing refrigerant, one of said groups of passages communicating with one of said headers and the other of said groups of passages communicating with the other of said headers, means including a manifold and a plurality of ducts communicating therewith for supplying liquid refrigerant to said one group of passages and for producing a circulation of refrigerant in said one group of passages, means including a second manifold and a plurality of ducts providing communication between said one header and said other group of passages for removing liquid and gaseous refrigerant from said one header and for producing a circulation of liquid refrigerant in said other group of passages, and means for withdrawing gaseous refrigerant from said other header.

2,060,654
ALKYL CHLORO-RESORCINOLS
William E. Austin, New York, N. Y., assignor to Bank of The Manhattan Company
No Drawing. Application July 26, 1933, Serial No. 682,272
6 Claims. (Cl. 260—154)

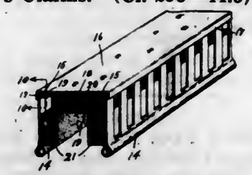
1. Alkyl chloro-resorcinols of the general formula $C_6H_2Cl(OH)_2(CHR_1R_2)$ where H is hydrogen, and R_1 and R_2 are alkyls, the group (CHR_1R_2) containing not less than four carbon atoms and being attached to the chloro-resorcinol nucleus by a carbon other than an end carbon.

2,060,655
SANITATION SYSTEM FOR METALLIC BUILDING STRUCTURES
Thomas V. Balch, Shaker Heights, Ohio, assignor to The E. F. Hauserman Company, Cleveland, Ohio, a corporation of Ohio
Application January 4, 1934, Serial No. 705,298
8 Claims. (Cl. 189—85)



1. A sanitary coated building structure, comprising a building structure element including steel surfaces having a hardened organic paint-like coating applied to the steel surfaces, and a non-corroding fluoride embodied in such coating.

2,060,656
WINDOW GLASS GUIDE
David C. Bailey, Amesbury, Mass.
Application June 14, 1935, Serial No. 26,591
8 Claims. (Cl. 296—44.5)



1. A window glass channel comprising a base member having longitudinal recesses extending throughout each edge thereof, and a pair of side members each having a continuous edge portion and a series of tongues extending therefrom, the end portions of said tongues being extended transversely into said recesses, slidably to engage said base member.

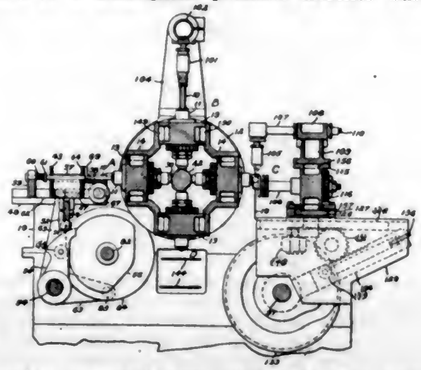
2,060,657
ELECTRIC LAMP
Emmerich Brody, Budapest, and Theodor Millner, Ujpest, Hungary, assignors, by mesne assignments, to General Electric Company, a corporation of New York
No Drawing. Application November 12, 1930, Serial No. 495,277. In Hungary December 16, 1929
3 Claims. (Cl. 176—16)

2. An electric metal filament lamp containing a tungsten filament and a mixture of crypton, xenon, argon and nitrogen surrounding the filament.

2,060,658
METHOD OF AND APPARATUS FOR SHAPING GLASS
Carl A. Brown, Chardon, and Clarence E. Hahn, Cleveland Heights, Ohio, assignors to General Electric Company, a corporation of New York
Application September 29, 1933, Serial No. 691,480
Renewed April 23, 1936
11 Claims. (Cl. 49—7)

6. A machine for reshaping one end of vitreous tubing comprising a turret mounted on a horizontal axis, a plurality of heads mounted on

said turret for holding said tubing, means for causing the rotation of said heads, means for indexing said turret intermittently to interchange the positions of said heads, a hopper at one position thereabout, means for feeding tubing from said hopper to said heads, at another position about said turret a burner directed onto an end of the tube therein to render it workable, at a subsequent position another burner

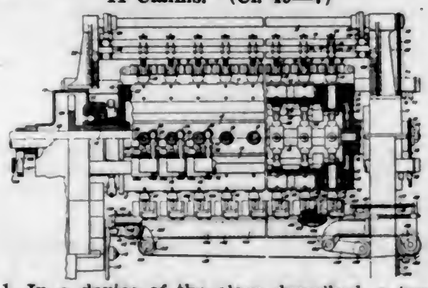


movably mounted with respect to said tubing, a spindle having an outwardly extending flange thereon and a roll mounted on the axis thereof, means for moving said spindle longitudinally to carry said flange against the end of said tubing to upset it, means for moving said spindle transversely to carry the periphery of said roll against the side of the upset portion of said tube to shape it and means for keeping said fires directed against said tube during said operation.

2,060,659
MACHINE FOR BLOWING BULBS

Carl A. Brown, Chardon, and Clarence E. Hahn, Cleveland Heights, Ohio, assignors to General Electric Company, a corporation of New York

Application December 12, 1934, Serial No. 757,158
11 Claims. (Cl. 49—7)



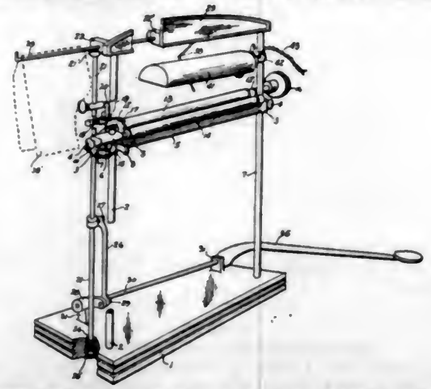
1. In a device of the class described, a turret mounted on a substantially horizontal axis, a plurality of longitudinal rows of holders for vitreous blanks radially mounted on said turret, means for indexing said turret intermittently about said horizontal axis, a plurality of heating and shaping means disposed adjacent the paths of travel of said holders, and means for automatically opening said holders periodically to discharge the shaped vitreous articles.

2,060,660
COPY HOLDER

Jack Carpenter, Wichita, Kans.

Application May 13, 1935, Serial No. 21,161
7 Claims. (Cl. 120—32)

1. A copy holder comprising a base, standards on the base, a paper holding member adjustably carried by the standards and means for actuating the paper holding member to shift the paper held thereby, said means including a ratchet on the

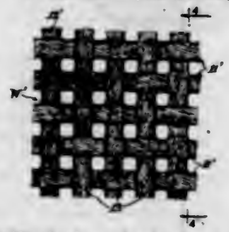


paper holding member, a spring pressed pawl engageable with the ratchet but normally spaced therefrom and a finger adapted to contact the pawl to urge it into ratchet engaging position to rotate the paper holding member.

2,060,661
FABRIC TREATING PROCESS

Samuel Cohn, New York, N. Y., assignor to Samcoe Holding Corporation, New York, N. Y., a corporation of New York

Original application February 3, 1933, Serial No. 655,046. Divided and this application January 16. 1935, Serial No. 1,981
3 Claims. (Cl. 26—1)



1. The method of producing a cloth comprising supplying a fabric with interengaging threads of predetermined twists per inch, evenly wetting said threads to saturated malleable condition and elongating said threads by subjecting them while wet to tension acting to make said threads longer, thinner and of fewer twists per inch, and subjecting said fabric while so wetted and under said elongating tension to squeezing roll pressure over a limited area evenly reducing the liquid content of the fabric, progressively applying a limited area of said pressure from point to point of the fabric with sufficient intensity to set the threads in their thinned stretched condition secure against substantial shrinkage on drying, and subsequently drying said fabric so that the resulting cloth after drying is of permanently greater area and has threads of fewer twists per inch than said original fabric.

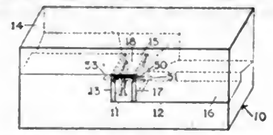
2,060,662
TYPE CASTING MOLD AND THE CHARACTERS CAST THEREBY

Edwin H. Denby, New York, N. Y.

Application April 25, 1936, Serial No. 76,383
17 Claims. (Cl. 199—91)

1. In a type casting mold having a mold cavity

and an adjustable cover for the cavity, detachable means for varying the shape and width of the mold cavity comprising a filler plate having a

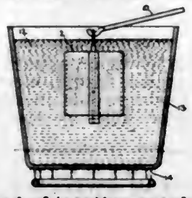


recess throughout the length and extending partway across the width of the inner face thereof, and means for detachably connecting the filler to one of the side walls of the mold cavity.

2,060,663
PROCESSING GRAPHITE

Kenneth C. De Walt, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application March 17, 1934, Serial No. 716,103
7 Claims. (Cl. 250—27.5)

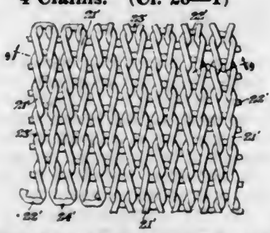


1. The method of treating graphite which consists in heating the graphite to a temperature at which substantially all residue is removed by volatilization, then immersing the heated graphite in a non-inflammable liquid so as to cause a violent reaction within the graphite and to blast the surface free of loose particles.

2,060,664
FABRIC

Samuel Cohn, New York, N. Y., assignor to Samcoe Holding Corporation, New York, N. Y., a corporation of New York

Application February 3, 1933, Serial No. 655,046
4 Claims. (Cl. 28—1)



4. A textile fabric derived from a prior normal fabric and comprising a plurality of thread sections inter-engaging with other thread sections at successive points along their lengtns, all of said thread sections in all directions having their twist tightened beyond the normal initial tightness of the thread and with fewer twists per inch than in said normal fabric and increased in tensile strength beyond the normal initial strength so that said fabric is reduced in shrinkage in all directions under subsequent wetting and drying from the shrinkage characteristics of the normal fabric, said thread sections having permanently set flattened portions at said points of interengagement to fit together and minimize the flexure of each thread at each point of intersection and relatively rounded portions between said points so that each of said thread sections has a number of alternating flattened and rounded portions giving a pleasing appearance of regularity and flatness in texture.

2,060,665
RESINOUS COMPOSITIONS

Walter W. Durant, Pittsfield, Mass., and Paul H. Scrutchfield, Evanston, Ill., assignors to General Electric Company, a corporation of New York

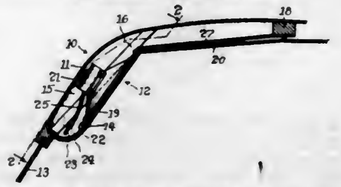
No Drawing. Original application February 26, 1931, Serial No. 518,497. Divided and this application October 28, 1933, Serial No. 695,668
3 Claims. (Cl. 91—68)

1. A tough, permanently flexible, water and oil resistant, dielectric varnished cambric containing between the fibres thereof and being coated with a flexible resin which is the product of reaction of a polybasic acid, a polyhydric alcohol having three or more hydroxyl groups in the molecule, a dibasic aliphatic acid, a dihydric alcohol, a natural resin or the acid derived therefrom and a vegetable oil.

2,060,666
LOUDSPEAKER MOUNTING

William A. Ellmore, Wilmette, Ill., assignor to Utah Radio Products Company, Chicago, Ill., a corporation of Illinois

Application April 4, 1935, Serial No. 14,661
3 Claims. (Cl. 296—1)

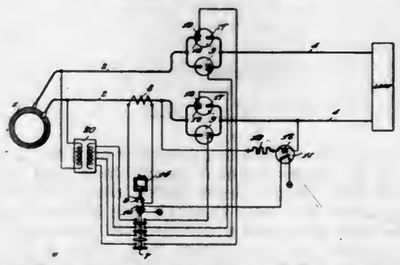


1. A loud speaker mounting comprising the combination with the outer wall of the top of a vehicle and a spaced inner wall including a header, a loud speaker mounted behind said header in the space between said header and said outer wall, and a baffle extending rearwardly of the vehicle from the header and laterally beyond opposite sides of the speaker and effective to close off a portion of the space between the walls.

2,060,667
POWER DISTRIBUTION SYSTEM

Earl R. Evans, Washington, D. C., assignor to General Electric Company, a corporation of New York

Application July 3, 1931, Serial No. 548,676
Renewed May 11, 1935
7 Claims. (Cl. 175—294)



1. An electrical system comprising a supply circuit, a feeder circuit, means including an arc-

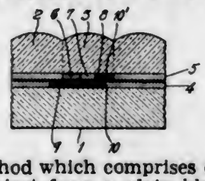
discharge device of controllable impedance for interconnecting said circuits, said device being interposed between said circuits, an over-current relay arranged to increase the impedance of said arc-discharge device upon the occurrence of an overload in the feeder circuit to limit the flow of current, a second relay energized in accordance with the resistance of the feeder circuit and means including said second relay for subsequently decreasing the impedance of said arc-discharge device to re-energize the feeder circuit in response to a predetermined increase in the resistance thereof.

2,060,668
HARROW EVENER
William F. Frese, Bridgewater, Iowa
Application July 20, 1936, Serial No. 91,555
14 Claims. (Cl. 55—84)



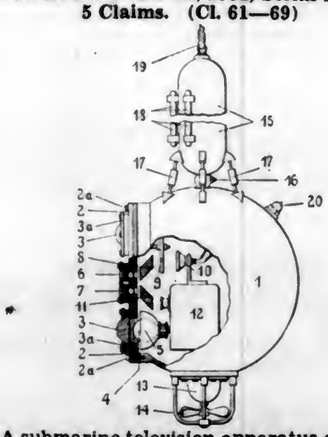
1. In a harrow evener, a main draw bar, a reinforcing draw bar ahead of said main draw bar, spacers between said draw bars, means for rigidly connecting said draw bars together, auxiliary draw bars forming extensions of said main draw bar, draft connections between the ends of said reinforcing draw bar and the inner ends of said auxiliary draw bars, said inner ends abutting the ends of said main draw bar and cantilever connections between the outer ends of said auxiliary draw bars and the ends of said reinforcing draw bars.

2,060,669
ART OF MOTION PICTURE COPYING AND PROJECTING
Edgar Gretener, Berlin, Germany, assignor to Opticolor Aktiengesellschaft, Glarus, Switzerland, a corporation of Switzerland
Application August 2, 1935, Serial No. 34,369
In Germany July 27, 1934
2 Claims. (Cl. 88—16.4)



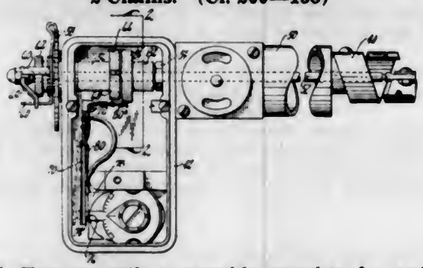
1. The method which comprises copying a picture of an object from a plain black and white original film onto a lenticulated copy film without passing the light through the lenticulations on the copy film, and projecting the same picture thus copied on said copy film onto a screen through a color filter adapted to be used with the lenticulated film when having color records thereon.

2,060,670
SUBMARINE TELEVISION
Hans Hartman, Monaco, Monaco
Application November 13, 1931, Serial No. 574,835
5 Claims. (Cl. 61—69)



1. A submarine television apparatus comprising a hermetically sealed casing, electrically driven television and photographic means in said casing in combination with electric submarine illuminators.

2,060,671
FAN SWITCH
Malcolm E. Henning, Des Moines, Iowa, assignor to Penn Electric Switch Co., Des Moines, Iowa, a corporation of Iowa
Application July 11, 1932, Serial No. 621,807
2 Claims. (Cl. 200—138)

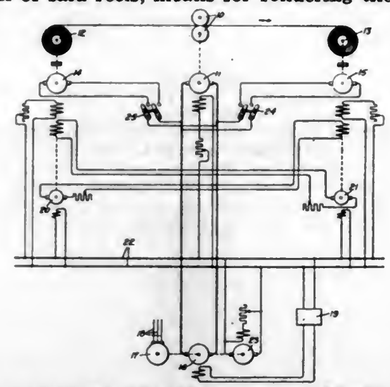


1. For use with a movable member for automatically controlling the dampers of a furnace and an element responsive to the temperature of the bonnet thereof, a switch continuously biased to closed position and a pair of means for operatively connecting said switch to said movable member and element, the first of said pair of means being operative to open said switch independent of the second means, the second means being operable to engage and thereby open said switch independent of the first means or disengage and thereby permit it to close only when the first means is inoperable to open the switch, said second means being inoperable to open said switch or to permit it to close when it is retained open by said first means.

2,060,672
CONTROL SYSTEM
Hugo Heymann, Berlin-Friedenau, Germany, assignor to General Electric Company, a corporation of New York
Application January 28, 1935, Serial No. 3,826
In Germany February 12, 1934
5 Claims. (Cl. 80—32)

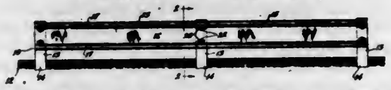
1. In combination with rolling mill appara-

tus and the like having means for performing an operation on a strip of material, and an unwinding reel for supplying the strip to said means and a winding reel for coiling the strip delivered by said means, a separate motor for driving each of said reels, means for rendering the mo-



tor connected to the take-up reel ineffective, and a separate pilot generator driven by each of said reels and connected to the field winding of the motor driving the other of said reels thereby to vary the excitation and the speed of the motor driving the take-up reel inversely with the speed of said unwinding reel.

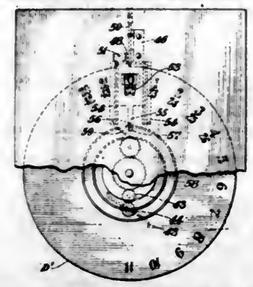
2,060,673
STRIP METAL HIGHWAY GUARD
Harry J. Hick, Alliance, Ohio, assignor to The Machined Steel Casting Company, Alliance, Ohio, a corporation of Ohio
Application September 27, 1934, Serial No. 745,737
4 Claims. (Cl. 256—13.1)



1. Guard apparatus for highways and the like, including a foundation at one side of the highway, a plurality of longitudinally spaced post members carried by the foundation, each post member extending upwardly above the foundation and above the upper surface of the highway, an elongated formed plate member extending longitudinally across some of the post members and at one side thereof, the elongated member including a central longitudinally extending flat portion, and longitudinally extending transversely curved ribs, one rib at each side of the flat portion, and means securing the elongated formed member to some of the post members, the ribs each protruding from the plane of the flat portion towards the highway, and the ribs being spaced from each other and from the highway surface so as to accommodate therebetween the hub of a vehicle wheel and so as to permit impinging of the tire of a vehicle wheel at opposite sides of the wheel axle, and the outer longitudinal edges of the ribs defining the outer longitudinal edges of the particular plate member.

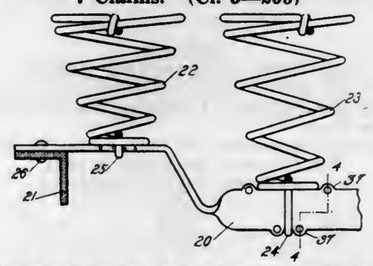
2,060,674
REGISTERING SYSTEM
Raymond M. Hicks, Plainfield, N. J., assignor to The Teleregister Corporation, New York, N. Y., a corporation of Delaware
Application March 28, 1931, Serial No. 525,911
6 Claims. (Cl. 235—144)

1. In combination with a rotatable indicator element means for moving said indicator element forwardly through at least two rotations, means for returning said indicator element to its home position, means for arresting said indicator element in its home position, means operable as the indicator element completes its first forward ro-



tation for rendering said arresting means ineffective, means for holding said arresting means ineffective during the second forward rotation of said indicator element and during the first return rotation of said indicator element, and means for rendering said arresting means effective during the last return rotation toward home position.

2,060,675
MEANS FOR SUPPORTING BEDSPRINGS
Carl O. Kirchner, Carthage, Mo., assignor to Leggett and Platt Spring Bed and Manufacturing Company, Carthage, Mo., a corporation of Missouri
Application April 16, 1934, Serial No. 720,705
7 Claims. (Cl. 5—265)

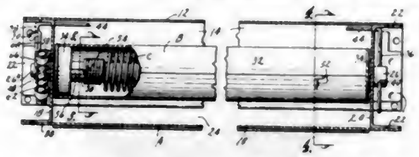


7. In a bed bottom, a bottom bar which is thin, flat and of substantially uniform width and thickness throughout its median portion being arranged on edge, its upper edge having a pair of upwardly directed extensions spaced so as to be adapted to receive and confine closely between them the lower coil of an upright coil spring, its lower edge having a pair of downwardly directed extensions located between the vertical planes of the first named pair and spaced so as to be adapted to receive and confine closely between them an assembling wire adapted to engage and hold said lower coil to said bar, said bar having lateral concavities for said extensions respectively, said concavities and extensions being so related in location and magnitude that the cross sectional area of the bar is substantially the same when taken through said concavities as when taken through the unextended portions.

2,060,676
ROLLER SPRING ADJUSTING MEANS
Peter H. Kuyper, Pella, Iowa, assignor to Rolscreen Company, Pella, Iowa, a corporation of Iowa
Application May 21, 1935, Serial No. 22,568
18 Claims. (Cl. 156—36)

1. The combination with a roller shaft sup-

ported in a casing, a roller journaled in said casing, and a spring connected with said roller to constrain it to rotate in one direction, of means for adjusting said spring comprising a sleeve on said roller shaft, said spring being connected therewith, said sleeve being rotatable, a worm gear on said sleeve for rotating it, a U-shaped



clip straddling said gear and having a pair of bearings, a worm having a spindle journaled in said pair of bearings, a slotted head on said spindle with which a screw driver may coact for rotating said worm and thereby adjusting said spring, and means to prevent rotation of said clip relative to said casing.

2,060,677

TILE AND CONCRETE BINDING PLASTIC

Joseph Labra, Long Island City, N. Y.

No Drawing. Application September 3, 1935, Serial No. 38,982

2 Claims. (Cl. 106—23)

1. A composition for cementing tile and materials in place, consisting of a mixture of water, sodium salicylate, sodium carbonate, calcium hydroxide, trisodium phosphate, casein, sulphated castor oil, sulphur, zinc oxide, and Vultex.

2,060,678

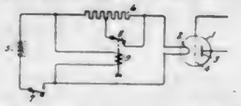
ELECTRIC DISCHARGE DEVICE

Paul Lenz, Berlin-Grunewald, Germany, assignor to General Electric Company, a corporation of New York

Application November 29, 1932, Serial No. 644,901

In Germany December 8, 1931

8 Claims. (Cl. 250—27)



8. In combination, an electric discharge device comprising a plurality of electrodes including a filament circuit, means including a source of electric energy connected to said filament circuit, said means being so adapted and arranged that an abnormal wattage is initially consumed in said filament circuit, and means including a relay energized by said source for reducing the wattage consumed in said filament circuit to the normal operating wattage, said relay having an inherent time delay characteristic and when energized, operating after a predetermined length of time depending on its inherent time delay characteristic to cause the said reduction of wattage consumed in said circuit.

2,060,679

FOOD PRODUCTS

Althea Lepper, New York, N. Y.

No Drawing. Application August 24, 1933, Serial No. 686,661

5 Claims. (Cl. 99—136)

4. A product in dry powdered form for use in producing a frozen confection having approximately the following composition in parts by weight:

	Parts
Confectioners' sugar	100
Egg yolk	9.75
Agar	1.16
Citric acid	0.25
Pectin	0.16

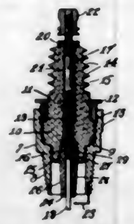
2,060,680

ELECTRIC IGNITION PLUG

Harry J. Linse, New York, N. Y.

Application July 23, 1932, Serial No. 624,243

5 Claims. (Cl. 123—169)



1. In an electric ignition plug, an insulator body of translucent material having a bore leading therethrough from one end and terminating in an enlargement at the opposite end and having a prismatic exterior surface adjacent one end, a sleeve of non-translucent and insulating material seated at one end in the bore enlargement of the insulator body and having an outer diameter not greater than the diameter of said bore enlargement to expose the end of the insulator body, a cementitious material to secure the sleeve in the bore enlargement in the insulator body, an electrode having two diameters, the portion of less diameter extended through and of less diameter than the sleeve bore to constitute a sparking terminal, and the portion of greater diameter extended through and of less diameter than the bore in the insulator body and having recesses therein within said bore and a threaded connection with the sleeve, and cementitious material interposed between the electrode and walls of the sleeve and insulator body in embedding relation to the recesses in the electrode to pressure seal the electrode in the insulator body and sleeve.

2,060,681

WELDING ELECTRODE

Virdis Miller and Joseph H. Humberstone, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York

Application March 21, 1935, Serial No. 12,201

6 Claims. (Cl. 219—8)



5. A welding electrode having the flux coating resulting from applying thereto substantially the following composition:

	Percent by weight
Feldspar	24
Ilmenite	18
Asbestos	14
Metallic deoxidizer	9
Liquid sodium silicate	28
Water	7

2,060,682

WELDING ELECTRODE

Virdis Miller and Joseph H. Humberstone, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York

Application October 19, 1935, Serial No. 45,743

5 Claims. (Cl. 219—8)



1. A welding electrode having a flux coating containing in addition to slag forming ingredients, ferro-manganese and silicon carbide in substantially equal parts by weight and forming together from 15 to 50 per cent by weight of the flux coating.

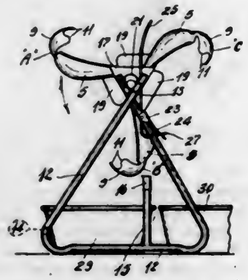
2,060,683

EGG SEPARATOR

John K. Mohr, Bay City, Mich.

Application December 3, 1932, Serial No. 645,509

13 Claims. (Cl. 146—2)



1. An egg separator, comprising a relatively shallow dish provided with a rim, formed sections on the rim to facilitate the handling thereof, a cup shaped extension formed integral with the dish and disposed in a plane substantially at right angles thereto, and scallops formed in the rim of said cup extension so that when the contents of an egg are disposed in said cup shaped extension the albumen of the egg will overflow and escape between the scallops.

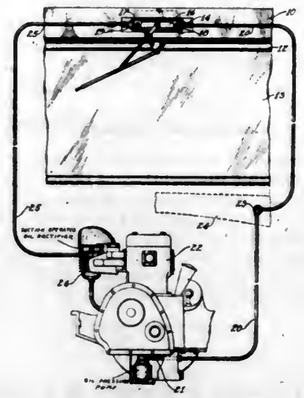
2,060,684

MOTOR VEHICLE

Alfred Moorhouse, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan

Application December 27, 1926, Serial No. 157,222

17 Claims. (Cl. 60—52)



10. In an engine driven vehicle, the combination with a windshield wiper operating motor, of engine intake manifold developed suction power means and engine developed and engine speed controlled pressure power means, connected to actuate said motor.

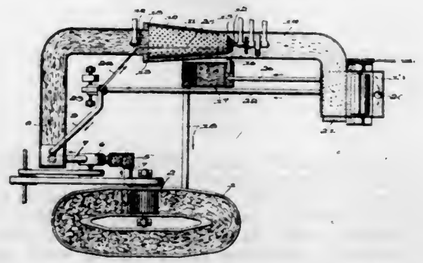
2,060,685

PULP SEPARATING SYSTEM

Lloyd T. Murphy, Chattanooga, Tenn.

Application August 31, 1934, Serial No. 742,306

4 Claims. (Cl. 92—20)



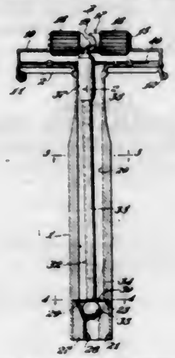
1. In a paper stock separating and cleaning system, the combination of a settling trough, a hollow truncated-conical foraminated extractor arranged lengthwise in an intermediate portion of said settling trough with inlet and discharge portions of the settling trough extending in different directions from the ends of said extractor, said extractor having the larger end thereof arranged toward the inlet end portion of the settling trough, means adjacent said larger end of the extractor for directing pulp from said inlet end portion of the settling trough directly into said larger end of the extractor, said extractor being adapted to have screened pulp passing through the walls thereof into the discharge portion of the settling trough, and discharge means for receiving unscreened pulp from the smaller end of the extractor.

2,060,686
DEVICE FOR DRAFTING
Norbert Niemic, Detroit, Mich.
Application November 7, 1934, Serial No. 751,899
Renewed April 3, 1936
4 Claims. (Cl. 33—75)



1. A device of the class described comprising a body of flexible material, said body having edges adapted to be followed by a drafting instrument, said body having an opening and being split from said opening to one edge, a protractor arm having a pivot stud, said pivot stud occupying said opening and being applicable and removable through the slit upon distortion of the body.

2,060,687
RAZOR
Winfred T. Parkin, Providence, R. I., assignor to Theodore W. Foster & Bro. Co., Providence, R. I., a corporation of Maine
Application June 4, 1935, Serial No. 24,865
9 Claims. (Cl. 30—46)



1. A razor of the class described comprising a hollow handle, a support secured to one end of the handle, a retainer movably connected to the support, a driving roller rotatably mounted on the retainer, said roller having a cam portion, an oscillatory operating bar having a lower end received in the lower end of the handle and having an element at its upper end engaging the cam portion of the roller and providing a follower therefor, said bar having a substantially cylindrical portion to engage an opening in a blade, and means upon the support to engage the blade and restrain the same so that it follows a linear path in response to oscillation of the follower element by the cam portion of the roller.

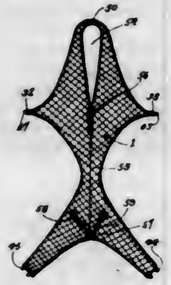
2,060,688
AGRICULTURAL IMPLEMENT
William E. Pryor, James S. Pryor, and Edward J. Pryor, Yuma, Ariz.
Application March 17, 1936, Serial No. 69,376
10 Claims. (Cl. 97—10)

10. A machine of the character described comprising a wagon box-like body having an open bottom and top, a pair of traction wheels supporting said body for swinging movement, a draft rigging extending forwardly from the body and having a front caster wheel, a forwardly inclined scoop arranged in said rigging for swinging movement relative to the body, traction wheels for said scoop, an elevator above said scoop and having driving connections with its wheels, pulverizing mechanism arranged within the body and driven from its wheels, saw teeth-like cutters at the forward end of the scoop, hydraulic means for lifting



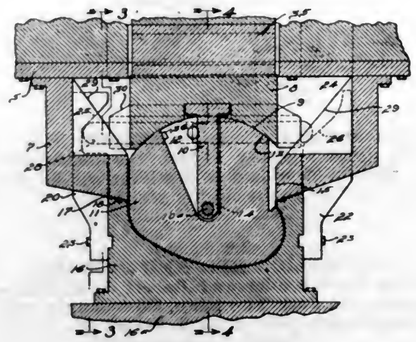
said scoop, means for varying the lifting action between the hydraulic means and said scoop, colters above the cutter and carried by said scoop, abutments on the body and scoop for limiting the downward movement of the latter with relation to said body, a shield in the open top of the body rearwardly with respect to the pulverizing mechanism, mold boards on the scoop at opposite ends of the series of cutters, breaker rollers coacting with said pulverizing mechanism within the body, and a hitch at the forward end of said draft rigging.

2,060,689
BATHING SUIT
Dorothy Read, Miami, Fla., assignor to Jantzen Knitting Mills, Portland, Oreg.
Application October 8, 1935, Serial No. 44,089
7 Claims. (Cl. 2—67)



1. A bathing suit comprising a body formed of a net-like outer fabric section and a net-like inner fabric section, the outer section having the interstices thereof materially larger than those of the inner section, said sections being of the same contour, said body including an inverted substantially Y-shaped lower part, an intermediate flared part and an upper tapered part, the inner end of the Y-shaped part merging into the smaller end of said intermediate part, said upper part forming oppositely disposed extensions and a pair of spaced tapered portions, the edges of the said several parts being curved, coacting means carried by said tapered portions for detachably connecting them together, coacting means carried by said extensions for detachably connecting them together, and coacting means carried by the outer ends of the Y-shaped part for detachably connecting them together.

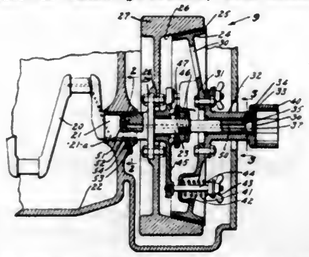
2,060,690
DRAWING DIE
Clement C. Richard, Detroit, Mich., assignor to Allied Products Corporation, Detroit, Mich., a corporation of Illinois
Application July 9, 1934, Serial No. 734,284
5 Claims. (Cl. 113—48)



1. A drawing die, comprising male and female die parts, the said female die having a recess undercut on one side and the male die having a complemental projection on one side, a holding means for supporting a piece of metal relative to the female die for the shaping operation, said holding means having an aperture therethrough aligned with the male die part and through which the said die part is movable into the female die, said male die part being formed of two members, one movable in a fixed line and the other a terminal die part pivoted to the first named part, the said holding means being movable to engage the metal to be formed prior to movement of the male die part into the female die part, the said first named part of the male die and the pivoted portion having concentric surfaces, the pivotal support being formed with sufficient lost motion as to permit the concentric surfaces to come into pressure contact in the formation of the article to relieve the pivot point of strain, and means automatically operating to turn the said pivoted part of the male die as it enters the female portion of the die to position the projection in the undercut portion of the female die as the die faces approach parallel relation, the said automatic means further automatically operating to turn the said pivoted portion of the male die part in the opposite direction as the male die is withdrawn after completion of the forming operation.

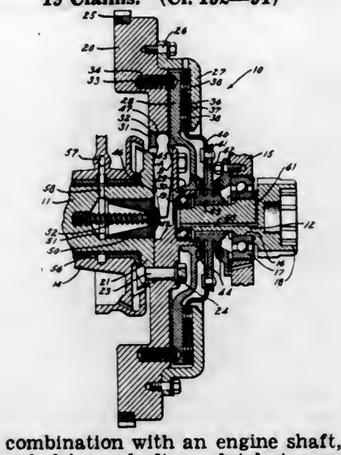
2,060,691
POWER TRANSMISSION CLUTCH AND HYDRAULIC CONTROL MEANS THEREFOR
Hugh M. Rockwell, Freeport, N. Y.
Refiled for application Serial No. 264,765, March 26, 1928. This application May 2, 1932, Serial No. 608,838
19 Claims. (Cl. 192—91)

1. In a clutch for automotive vehicles, a rotatable driving element, a driven element coaxial therewith adapted for frictional engagement with said driving element and adapted to be moved longitudinally with reference to the driving element, means for normally maintaining said driving and driven members in engagement with each other, substantially central fluid pressure means for moving said driven member out of engagement with the driving member by direct application of fluid pressure, and manumotive



means for controlling the pressure in said fluid pressure means.

2,060,692
POWER TRANSMISSION CLUTCH
Hugh M. Rockwell, Freeport, N. Y.
Refiled for application Serial No. 543,529, June 11, 1931. This application December 20, 1932, Serial No. 648,116
19 Claims. (Cl. 192—91)

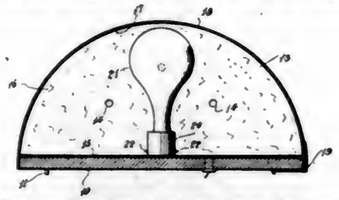


1. In combination with an engine shaft, a flywheel, and driven shaft, a clutch to provide a disengageable driving connection between said shafts, said clutch comprising an axially movable driving disc carried by the flywheel, a driven disc splined to the driven shaft for limited axial movement thereon and adapted to be frictionally engaged by said driving disc, means located within the web of the flywheel for moving the driving disc to engaging and disengaging positions, and manually controlled actuating means associated with the driving shaft.

2,060,693
CARBON PAPER REJUVENATOR
Charles J. Roniger, New Orleans, La.
Application August 21, 1935, Serial No. 37,259
2 Claims. (Cl. 219—45)

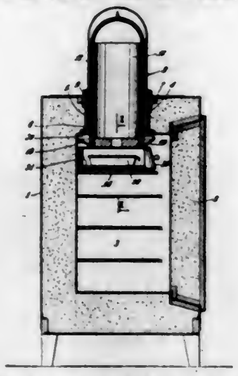
1. A rejuvenator for carbon and similar papers, comprising a base member, semicircular flanges mounted on opposite ends of said base member, a semicylindrical plate of sheet metal hingedly connected to another edge of the base and adapted to engage the curved edges of said flanges, electric sockets mounted on said base member in relatively close relation, and electric lamps secured in said sockets, said lamps adapted to heat said plate and the plate adapted to support a sheet of

carbon paper and the like to redistribute the carbon thereon, heat insulating material materially



of the device lining said base member and said flanges, said flanges and insulation having vents therethrough.

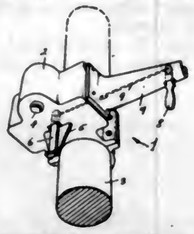
2,060,694
REFRIGERATOR
Hans Rufener and Theophil Eichmann, Bern, Switzerland, assignors, by mesne assignments, to International Carbonic Engineering Company, Kennett Square, Pa., a corporation of Delaware
Application December 22, 1930, Serial No. 504,094
In Germany and Switzerland December 24, 1929
30 Claims. (Cl. 62—91.5)



1. A refrigerator comprising, in combination, a cooling chamber having an apertured plate mounted in said cooling chamber below the top wall thereof for carrying a block of solidified gas refrigerant thereon, a bell-jar having a double evacuated wall extending through an aperture in said top wall for covering the block of refrigerant, and means for carrying the bell-jar at such a height that its lower edge lies in the cooling chamber a distance below the top wall and is spaced from and around the periphery of the plate to form a passage for gas from the lower end of the bell-jar into the cooling chamber.

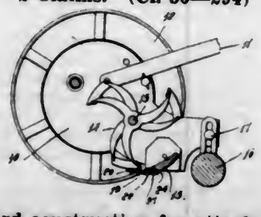
2,060,695
OPERATING DEVICE FOR DIRECTION INDICATING APPLIANCES
Rae Sarber, Vancouver, British Columbia, Canada
Application January 23, 1935, Serial No. 3,126
2 Claims. (Cl. 200—59)

1. In automobile direction signalling apparatus of the type which employs a circuit closing switch located on the steering post, and means on the steering wheel to cooperate with the switch to set it in its "off" position upon turning of the wheel; a circuit closing switch device including a casing adapted to be secured to the steering post of an automobile, a switch lever projecting from said casing, a guard member for said switch lever when in the "off" position, a side extension to said casing having a pivoted lever in the outer end thereof, a rod member housed in said ex-



tension and connecting said pivoted lever and switch lever together whereby on movement of said pivoted lever said switch lever will be moved to its "on" or circuit closing positions.

2,060,696
DANDELION BED KNIFE GUARD
George M. Schrader and Robert J. H. Dannenberg, Du Page Township, Will County, Ill.
Application May 5, 1936, Serial No. 78,010
2 Claims. (Cl. 56—294)

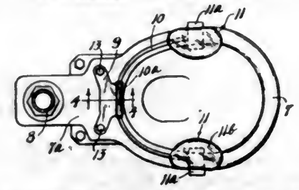


1. A guard construction for attachment to the fixed cutter of a mower so that the reel of the mower will operate relatively close thereto, the guard comprising a plurality of longitudinally extending tines, said tines at their rear portions abutting each other at the sides and said tines at their forward portions being pointed, a plate to which the tines are secured, and a fastening strip on the plate abutting the rear ends of said tines.

2,060,697
PROCESS OF MAKING CHROMITE REFRACTORIES
Gilbert E. Seil, Cynwyd, Pa., assignor to E. J. Lavino and Company, Philadelphia, Pa., a corporation of Delaware
No Drawing. Application October 10, 1935, Serial No. 44,463
10 Claims. (Cl. 25—156)

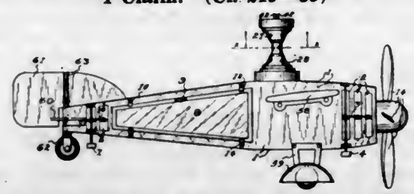
1. The process of making a burned chromite refractory from natural chrome ore characterized by a substantially high softening point due to the conversion of at least a substantial portion of the low melting point gangue into a refractory material without decomposition of the chromite spinel of the ore which comprises heat-treating chrome ore in the presence of a magnesium salt furnishing magnesium oxide after ignition, at a temperature at least equal to the burning temperature of the refractory, the said magnesium salt being present in an amount sufficient to furnish magnesium oxide to convert at least a substantial portion of the low melting point gangue into forsterite but insufficient to decompose the chromite spinel of the ore, grinding a portion of said treated ore to form relatively coarse granules, grinding another portion thereof to form relatively fine particles, tempering a suitable mixture of said coarse and said fine treated ore, and thereafter shaping and burning the mass.

2,060,698
SANITARY SUPPORT FOR TOILET BOWLS
Peter J. Sperzel, Minneapolis, Minn.
Application July 25, 1935, Serial No. 33,006
3 Claims. (Cl. 4—254)



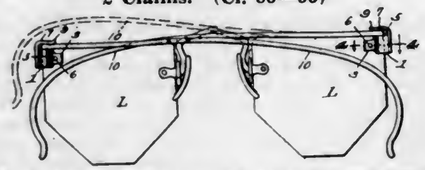
1. The combination with a toilet bowl of a supporting device, comprising a pair of oppositely disposed balancers having block-like portions resting on the top of the bowl at the sides thereof and having ledges spaced well above said top of the bowl and joining said block-like portions and means interconnecting said balancers and securing the same to said bowl, the ledges of said balancers being disposed over but a small portion of the top surface of the bowl, projecting inwardly therefrom and forming the sole supports for a person using the bowl.

2,060,699
ELECTRIC FAN
Joseph M. Tauber, Chicago, Ill.
Application July 1, 1935, Serial No. 29,269
1 Claim. (Cl. 219—39)



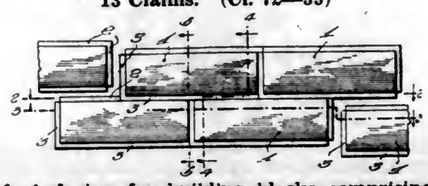
In electric fans, a suspension chain, a body member carried by said chain, said member being formed with elongated lateral air perforations, a motor within said body portion, a propeller mounted to said body member and operatively connected to said motor, an air heater in said body member in the air path of said propeller, wings carried by said body member in the air path of said propeller and inclined rearwardly and downwardly with respect thereto, and an adjustable rudder at one end of said body member in the air path of said propeller whereby said body member is caused to travel in concentric circles.

2,060,700
SPECTACLES
Gilbert A. Thomson, Coffeyville, Kans.
Application August 28, 1935, Serial No. 38,319
2 Claims. (Cl. 88—53)



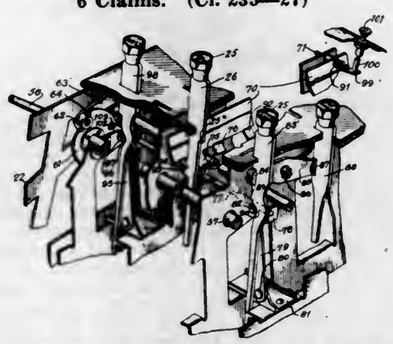
1. A strip having spaced ears for receiving a lens therebetween, a sleeve carried by one of the ears, a bow having a pintle at one end insertable into the sleeve for rotation, and a resilient retaining tongue on the strip normally overlying the bow to hold the pintle in the sleeve, said bow being bendable out of normal shape in the direction of the lens to release the bow and pintle for removal past the tongue.

2,060,701
INTERLOCKING BUILDING BLOCK FACING
Anthony Tropiano, Greenwich, Conn.
Application June 4, 1934, Serial No. 728,965
13 Claims. (Cl. 72—35)



1. A facing for building blocks comprising a member formed to engage the face of a building block, oppositely and outwardly extending semi-peripheral flanges formed on said member, the plane of one of said semi-peripheral flanges being offset from the plane of the opposite semi-peripheral flange for a distance equal to the thickness of the first mentioned semi-peripheral flange.

2,060,702
CALCULATING MACHINE
Joseph A. V. Turck, Wilmette, Ill., assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill., a corporation of Illinois
Original application July 31, 1923, Serial No. 654,874. Divided and this application July 1, 1932, Serial No. 620,505
6 Claims. (Cl. 235—27)



1. In a calculating machine, in combination: ordinal column actuators operable for both key-driven and key-set operation; ordinal latches for respectively preventing actuation of the column actuators; ordinal keys for driving and for setting the actuators and which when operated during key-set operation release the latch in the corresponding order; and a manual control for concurrently throwing all said latches out of operation for key-driven operation.

2,060,703
CALCULATING MACHINE
Joseph A. V. Turck, Wilmette, Ill., assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill., a corporation of Illinois
Original application July 31, 1923, Serial No. 654,874. Divided and this application July 1, 1932, Serial No. 620,506
13 Claims. (Cl. 235—136)

1. In a calculating machine, in combination: an actuating mechanism; a register mechanism; a pair of internal gears interposed between the

registering mechanism and the actuating mechanism and geared therewith, said internal gears having a common axis and being disposed adjacent to each other; and a pair of epicyclic gears mounted for epicyclic movement relative to both internal gears the cyclic axis of which is common to that of said internal gears, said epi-



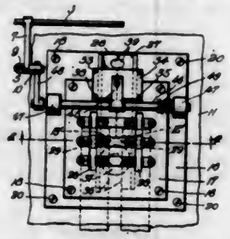
cyclic gears meshing with the internal gears for transmitting direct calculative actuation about their own axis from the actuating mechanism to the registering mechanism and for also transmitting indirect actuation in the carrying of the tens from the lower orders to the higher order of said registering mechanism by their epicyclic movement relative to both of the internal gears.

2,060,704
CALCULATING MACHINE
Joseph A. V. Turck, Wilmette, Ill., assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill., a corporation of Illinois
Original application May 7, 1926, Serial No. 107,527. Divided and this application July 1, 1932, Serial No. 620,507
3 Claims. (Cl. 235—144)



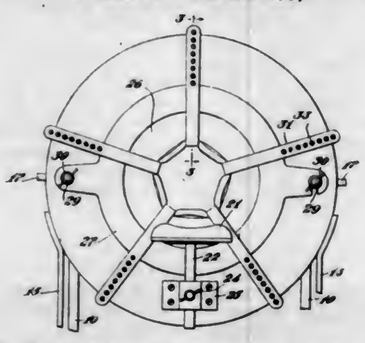
1. In a calculating machine having a liftable carriage liftable relative to stationary ordinal actuating mechanism, said carriage supporting and lifting with it a series of ordinal accumulator mechanisms liftable out of engagement with the actuating mechanisms, said accumulator mechanisms including means comprising ordinal carry storage springs for storing power for effecting carrying of tens and adapted when the accumulator is lifted out of engagement with the actuating mechanism to turn the accumulators backward to zero under the carrying power stored in the carrying springs, zeroizing prevention means movable into engagement with said accumulator mechanisms upon lifting of the carriage to prevent such backward turning, said zeroizing prevention means being shiftable out of such engagement by contact with a part of the stationary portion of the machine upon seating of the carriage on stationary parts of the machine, counter wheels carried by said carriage for registering the number of strokes of the actuating mechanism and having spring means for storage of power by the registering action of the counter wheels for effecting their zeroizing, counter release means for releasing said counter wheels for zeroizing under the power stored in their springs, a universal zeroizing means adapted when operated concurrently with lifting of the carriage to restrain the zeroizing prevention means for effecting zeroizing of the accumulator mechanism and concurrently operate the counter release means, and optionally operable means comprising parts of the universal zeroizing means arranged for separate movement freely relative to the remaining parts of the universal zeroizing means for separately operating the counter release means while the carriage is in its seated position.

2,060,705
FUEL FEED CONTROLLER AND GEAR SHIFT POSITION INDICATOR FOR AUTOMOBILES
Anthony C. Velo, Lancaster, Pa., assignor, by direct and mesne assignments, to Vaco Products, Inc., a corporation of Delaware
Application September 29, 1934, Serial No. 746,242
8 Claims. (Cl. 74—472)



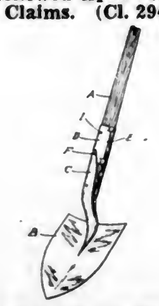
2. In an automobile having a gear shift mechanism, and a fuel feeding means governing the supply of fuel to the automobile motor, means controlled by the gear shift mechanism for governing the fuel feeding means to limit the supply of fuel to the motor when the gear shift mechanism is in neutral or in process of making a gear change.

2,060,706
VARIABLE PRESSURE THERAPEUTIC APPARATUS
Charles A. Vinal, South Weymouth, Mass., assignor to John H. Emerson, Cambridge, Mass.
Application March 23, 1936, Serial No. 70,299
6 Claims. (Cl. 128—30)



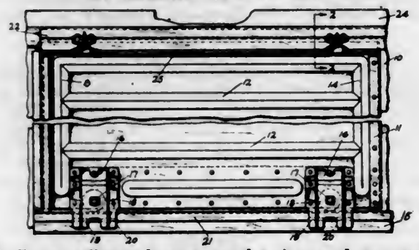
5. In an apparatus for producing artificial respiration, a casing to receive the body of the patient, an opening in one wall thereof through which the head of the patient may project, means to produce periodic variations in pressure within said casing, a seal for said opening comprising a flexible rubber collar having an opening to fit around the patient's neck, means to clamp the outer edges of said collar to the casing wall, and means for enlarging the collar opening comprising a plurality of flexible straps extending radially of the collar from the edges of the opening therein.

2,060,707
SHOVEL OR THE LIKE
Lewis E. Webster, Wilkes-Barre, Pa.
Application December 12, 1933, Serial No. 701,946
Renewed April 15, 1936
4 Claims. (Cl. 294—57)



1. A shovel or other implement comprising a blade, a stale, a socket connecting the two and extending upwardly along the stale, and a pressed steel casing in two parts encircling and pressed into intimate engagement with the stale in proximity to the socket and with the side edges of its two parts overlapping each other and interlocked to form double seams at the sides of the stale.

2,060,708
CAR DOOR STRUCTURE
Albert B. Wegener, Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio, a corporation of Ohio
Application January 3, 1933, Serial No. 649,919
10 Claims. (Cl. 20—22)



1. In a railway house car having a door opening, a track secured to said car adjacent one margin of said opening, a door for closing said opening, means supporting said door for sliding movement upon said track, a plurality of spaced projections depending from said car, a plurality of spaced upwardly extending projections provided on said door, said projections being engageable for the purpose set forth.

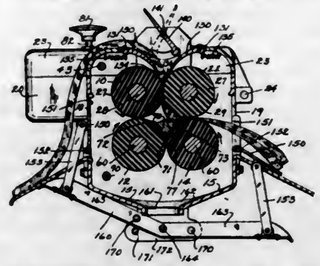
2,060,709
ELECTRICAL CONNECTION PLUG
Joseph Wertzheiser, Newark, N. J., assignor to Hatfield Wire & Cable Co., Hillside, N. J.
Application December 22, 1934, Serial No. 758,791
5 Claims. (Cl. 173—361)

4. An electrical connection plug having parts constructed for easy assembly comprising a two-piece inner core of insulating material having complementary slots forming channels when the core pieces are together, conductor contact prongs lying in said channels, said core pieces having portions cut away at one end to form an orifice for conductors, positioning means for said prongs comprising seats for the ends of the prongs, guides for said seats and complementary interlocking parts on said core pieces and the prongs adjacent the inner ends of said channels,



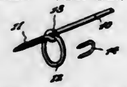
and a flexible rubber-like insulating material enclosing said core except at the prong end, the cover having an opening for said conductors extending to the prongs.

2,060,710
WRINGER
Charles B. Williams, Shaker Heights, Ohio
Application September 21, 1933, Serial No. 690,374
46 Claims. (Cl. 68—32)



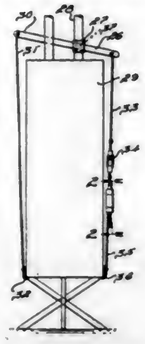
1. In a wringer, a frame, a pair of pressure rolls mounted in said frame and having an upwardly extending bite, a pair of spaced plate-like stripper members pivotally mounted in said frame, means to maintain one edge of each of said stripper members in contact with respective pressure rolls, a deflector plate pivotally mounted in said frame and having one edge thereof arranged to be swung into engagement with either of said members, whereby material is stripped from either of said rolls and is diverted to either side of the wringer as desired.

2,060,711
HAT HANGER
Howard J. Wright, St. Albans, Vt.
Application March 29, 1935, Serial No. 13,747
1 Claim. (Cl. 312—32)



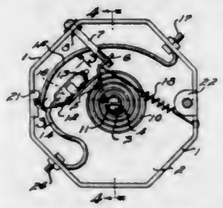
A support formed from a metal strand and including a shank formed of a portion of the strand and having a threaded free rear end portion, a portion of the strand intermediate the length of the shank being bent transversely and downwardly and upwardly to form an abutment loop depending from the shank and the rear portion of the strand being then carried across the shank in front of the loop and passed rearwardly through the loop and disposed in alinement with the shank to form an eye at the front end of the threaded portion engaged tightly about the portion of the strand constituting the junction of the loop and shank.

2,060,712
TEMPERATURE CONTROLLED SWITCH
Judson W. Wright, Detroit, Mich.
Application March 1, 1935, Serial No. 8,796
5 Claims. (Cl. 200—137)



1. In a temperature controlled switch, a container, an arm pivotally supported on the top of the container, means connecting both ends of the arm with the bottom of the container, a pressure switch included in one connecting means and including a housing, a rod movable longitudinally through the housing, a spring tending to move the rod in one direction, the connecting means being connected to one end of the rod to move the rod against the tension of the spring, a pair of toggle arms movable by the rod, a contact carried by one of the toggle arms, a contact in the housing, the contacts being connected into an electrical circuit and a turnbuckle for adjusting said connecting means above the temperature controlled switch.

2,060,713
THERMOSTATIC SWITCH
Judson W. Wright and Edgar H. Glinz, Detroit, Mich.
Application March 1, 1935, Serial No. 8,797
3 Claims. (Cl. 200—138)



1. In a thermostatic switch, a housing provided with a stud, a tube rotatably mounted on the stud, an arm secured to the tube, the arm being arranged for turning the tube on the stud, an adjusting screw rotatably mounted in the housing and threaded through the end of the arm, a thermostatic element comprising a bimetallic blade arranged in a flat spiral coil and having its inner end secured to the end of the tube, a mercury switch mounted on the outer end of the thermostatic element, the mercury switch comprising a straight glass tube of short length having a pair of terminals in one end and a globule of mercury movable into engagement with the terminals when the tube is tilted in one direction by the thermostat and movable away from the terminals when the tube is tilted in the opposite direction by the thermostat.

2,060,714
PNEUMATIC INNER TUBE
Garnett Andrews, Nashville, Tenn.
Application July 2, 1935, Serial No. 29,524
3 Claims. (Cl. 152—13)



1. An inner tube for use in pneumatic tires comprising an endless tubular member of elastic material, including a protected area made up of two or more circumferentially extending rows of transversely disposed alternating raised and depressed portions, the raised portions upon the tube being inserted in a proper sized casing in an uninflated or slightly inflated condition fitting against or approximately against the inner surface of the casing, the contour of each depression in cross-section, when the tube is uninflated being a line composed of joined components having a greater length than a depression of equal depth formed by a curved line connecting the outer ends of the depression, and an arc-shaped rib formed in said protected area between the rows of depressions and raised portions for joining the rows together so that the protected area will be in compression longitudinally and lie normally or approximately normally in cross-section upon the tube being inflated in a casing.

2,060,715
SYNTHETIC RESINS
James A. Arvin, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 13, 1933, Serial No. 651,634
38 Claims. (Cl. 260—2)

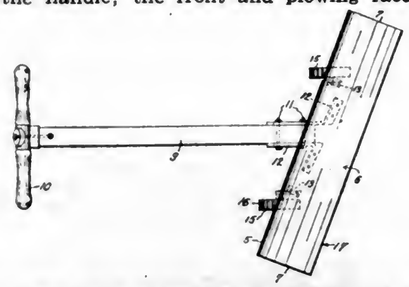
1. The process of synthesizing non-heat-hardening ether resins which comprises reacting in resinifying proportions a substantially unpolymerizable monomeric polyhydric phenol and an organic polyhalide free of ester groups whose halogen atoms are all attached to different carbon atoms which are in turn joined to other atoms by single bonds only.

2,060,716
SYNTHETIC RESINS
James Augustus Arvin, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application March 22, 1935, Serial No. 12,517. Renewed July 9, 1936
11 Claims. (Cl. 260—2)

1. The process of synthesizing polyether resins which comprises reacting in polymerizing proportions in an alkaline medium and in the presence of an amine catalyst, a polyhydric phenol and an aliphatic polyhalide in which the halogen atoms are all attached to different carbon atoms which are in turn joined to other atoms by single bonds only.

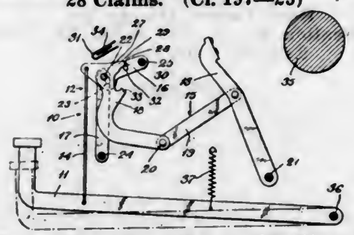
2,060,717
SNOW PLOW
Charles W. Bates, West Springfield, Mass., assignor to Blair Manufacturing Company, Springfield, Mass., a corporation of Massachusetts
Application December 12, 1935, Serial No. 54,099
3 Claims. (Cl. 37—53)

1. A sidewalk plow, comprising, a blade, a handle fixed to the rear face of the blade centrally between the ends of the blade, and a pair of sidewalk-engaging wheels located one on each side of said handle, brackets one for each wheel and each fixed directly to the rear face of said blade for supporting each wheel from the blade independently of the other wheel and independently of the handle; the front and plowing face of



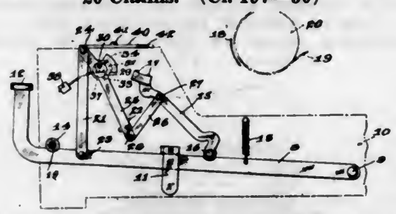
said blade being straight from end to end and, when in operative position, being inclined to the vertical, sloping from its lower and sidewalk-engaging edge upwardly and rearwardly toward said handle, and said edge being located in a vertical plane oblique to a vertical plane passing longitudinally through said handle.

2,060,718
NOISELESS TYPEWRITER
Harry Bates, New York, N. Y., assignor to Bates Laboratories, Inc., New York, N. Y., a corporation of New York
Application June 16, 1934, Serial No. 730,902
28 Claims. (Cl. 197—25)



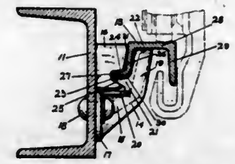
1. In a typewriter, the combination of, key means, means actuated by said key means for advancing a type bar within close proximity to a platen, and spring means acting against said actuated means for moving said type bar against said platen and away therefrom.

2,060,719
NOISELESS TYPEWRITER
Harry Bates, New York, N. Y., assignor to Bates Laboratories, Inc., New York, N. Y.
Application May 19, 1936, Serial No. 80,602
20 Claims. (Cl. 197—30)



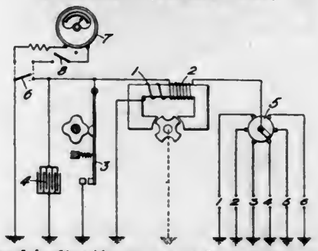
1. In a typewriter, in combination, a platen, type means movable toward and away from the platen, key means, means operatively connecting said type means and key means and including a toggle, eccentric pivot means for said toggle normally maintaining the toggle in such position that said type means upon application of pressure on said key means will be advanced within close proximity of the platen as the toggle rises from a lower position to an upper position, and means for shifting the eccentric pivot means toward the platen to cause the toggle in descending from its upper position to the lower position to move said type means against said platen.

2,060,720
TRACK BRACKET
Wilfred A. Beauchamp, Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio, a corporation of Ohio
Original application July 20, 1931, Serial No. 551,855, now Patent No. 1,963,821, dated June 19, 1934. Divided and this application October 28, 1933, Serial No. 695,557
7 Claims. (Cl. 16—94)



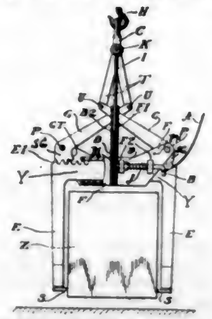
1. Means for supporting a door track at a plurality of spaced points comprising a bracket, said bracket embodying a plurality of spaced arms movable toward each other and adapted to be associated to present a substantially vertically and horizontally extending recess open at its upper end, said recess being adapted to receive a track flange conforming substantially to said recess, said bracket being adapted to be secured to a support with one arm of said bracket in engagement with said support subsequent to the disposition of said track flange in said bracket recess, cooperating means provided on said arms, said latter means cooperating during the attachment of said bracket to said support effecting movement of said bracket arms toward each other to clamp said track between said arms.

2,060,721
ELECTRICAL SPEED-INDICATOR AND REVOLUTION-COUNTER
William George Bird, Redland, Bristol, England
Application August 22, 1934, Serial No. 741,019
In Great Britain August 26, 1933
8 Claims. (Cl. 123—148)



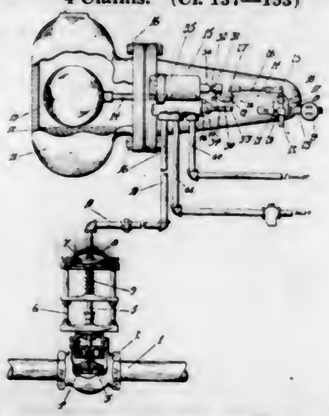
1. Speed indicating means for an internal combustion engine, comprising in combination with a high-tension ignition system including the usual primary and secondary windings, interrupter device and source of current, frequency-sensitive measuring means connected to a part of the said system wherein there exists a pulsatory electrical E. M. F. with a frequency proportional to the speed of the engine.

2,060,722
HOIST GRAB
Jack Breslav, New Haven, Conn.
Application April 11, 1935, Serial No. 15,815
10 Claims. (Cl. 294—86)



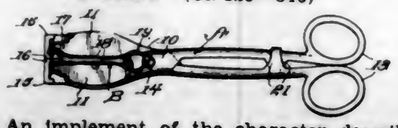
1. A gravity-operated hoist-grab including hanging spaced load-grasping arms, a narrow support between them; movable grasping-arm carriers between the arms and carried by said support and respectively longer than the respective spaces between the arms and said support, and extending inwardly from the arms substantial distances into the narrow support, and reciprocable inwardly and outwardly in said support along their lengths; rotatable operating mechanism moving said carriers respectively, simultaneously in opposite directions; means for suspending the grab from a hoist, and a power-increasing leverage-linkage system suspending the narrow support by way of connections to said support and said hoist-suspending means, and in conditions operating said linkage system, operating mechanism, arm-carriers, and grasping arms all by their own gravity as increased in effect by the leverage of the linkage system.

2,060,723
VALVE CONTROLLING MEANS
Hugo Brisacher, Rutherford, N. J., assignor to Kieley & Mueller, Inc., New York, N. Y., a corporation of New York
Application September 28, 1933, Serial No. 691,315
4 Claims. (Cl. 137—153)



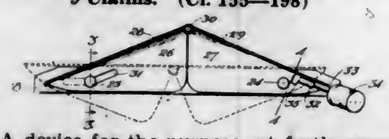
1. In combination, a main valve, pressure actuated means for adjusting the position of said valve in accordance with a condition being controlled, a secondary pressure actuated controlling means, a pressure line communicating with both of said means, an exhaust line communicating with both of said means, a slidable pilot valve controlling both of said communications, a condition sensitive element, a floating link providing a connection between said condition sensitive element, said secondary means and said pilot valve, said link being operative to actuate said pilot valve to alternatively open and close either of said communications whereby to adjust the position of said main valve, a casing for said pilot valve and communications, and a removable hollow bushing in said casing within which said pilot valve is slidable.

2,060,724
SURGICAL IMPLEMENT
William B. Carroll, Okemah, Okla.
Application January 19, 1935, Serial No. 2,575
2 Claims. (Cl. 128—346)



1. An implement of the character described, comprising scissors, extensions at opposite sides of the scissors, and spring clamps detachably carried by said extensions so that they will close on an umbilical cord for attachment thereto at both sides of the cut therein during the cutting operation and will become released from the extensions by the cutting operation of said scissors.

2,060,725
COMBINED ARM REST AND PROTECTOR DEVICE
Berry Cohen, Atlanta, Ga.
Application May 6, 1936, Serial No. 78,249
9 Claims. (Cl. 155—198)



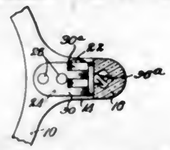
1. A device for the purpose set forth comprising a supporting section adapted to be positioned upon the sill of a window opening of an automotive vehicle, and an arm protecting and rest section superimposed on said other section and including two parts, one being slidably pivotally connected to and the other being pivotally connected to said supporting section, said protecting and rest section including means to provide for said parts being simultaneous'y extendible and retractible relative to the window opening.

2,060,726
APPARATUS FOR USE WITH CONTAINER COVERS
Alfred B. Cunard, Hobart, Ind., assignor of one-half to Alfred P. Draper, Gary, Ind.
Application August 14, 1935, Serial No. 36,129
6 Claims. (Cl. 81—3.1)



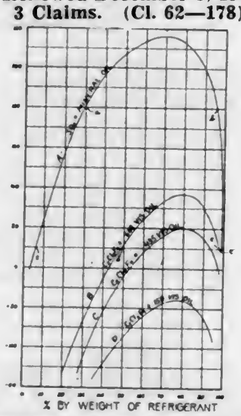
1. Apparatus for use with container covers comprising a base arranged to be secured to a support, a pair of oppositely disposed sheet metal springs secured to said base at their outer ends, jaws secured adjacent the inner ends of said springs whereby the jaws may be arcuately moved by longitudinal pressure thereon.

2,060,727
SPECTACLE HINGE
Amedeo Diodati, Boston, Mass., assignor to Marine Optical Manufacturing Company, Roslindale, Mass., a corporation of Massachusetts
Application May 15, 1935, Serial No. 21,543
3 Claims. (Cl. 88—53)



3. A hinge for use in an ophthalmic mounting comprising a pair of members, each of identical size and shape, each member being formed of metal and consisting of an apertured plate portion, a narrower ear portion and a spur portion, the spur portion being arranged substantially perpendicular to the plate portion, said ear portion forming a pair of loop-shaped ears of width substantially one-fourth the total width of the plate portion offset outwardly and laterally from the plane of the plate portion, the outer edge of one of said ears coinciding substantially with one longitudinal edge of the plate portion and the outer edge of the other ear being offset relatively to the other longitudinal edge of the plate portion a distance substantially equal to the width of an ear, and a pin pivotally connecting the ears of the two members.

2,060,728
REFRIGERATION
Joseph Fleischer, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware
Application July 24, 1931, Serial No. 552,923
Renewed December 5, 1934
3 Claims. (Cl. 62—178)



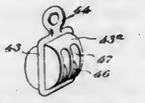
1. The method of refrigeration which comprises compressing, condensing and evaporating a refrigerant in a closed cycle, and carrying a lubricant with said refrigerant which is completely miscible with said refrigerant at the normal compressing and condensing operating temperatures but which is not miscible in all proportions at the normal evaporating operating temperatures.

2,060,729
POCKET HANDKERCHIEF SIMULATION
Leo Gilgenbach, Malone, Wis.
Application May 13, 1935, Serial No. 21,234
3 Claims. (Cl. 35—56)



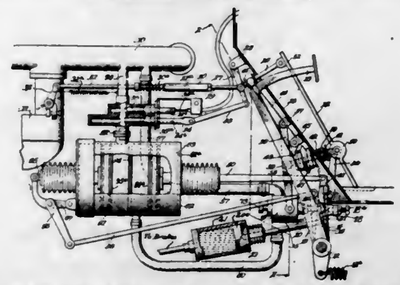
1. An article of the character described comprising a casement, a pair of tabs simulating handkerchief corners united to effect a pocket, and a stiffener within the casing and extended into said pocket.

2,060,730
BLOCK FOR BLOCK AND TACKLE
John F. Gillespie, Philadelphia, Pa.
Application May 1, 1933, Serial No. 668,876
5 Claims. (Cl. 46—40)



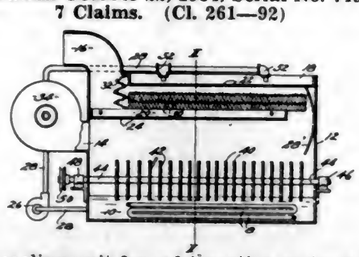
1. A cast miniature block for use in the rigging of a ship model, comprising a one piece body having means disposed completely about the exterior surface thereof and designed for receiving a suspension element for the block, and said body having openings therethrough for the passage of strands of said rigging.

2,060,731
AUTOMOBILE CONTROL MECHANISM
Ray Harroun, Detroit, Mich., assignor of sixty-eight and seventy-five one-hundredths per cent to Michael J. Glenn, Indianapolis, Ind.
Application October 9, 1933, Serial No. 692,893
6 Claims. (Cl. 192—3)



1. The combination with an automobile including a plurality of controlling mechanisms therefor, of a supporting element movably mounted on the frame of the automobile, means for operating said controlling mechanisms, and connections extending from a plurality of points on said means to said respective controlling mechanisms, said means being supported at the free end of said element to permit said connections to said controlling mechanisms to be operated either simultaneously or selectively.

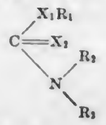
2,060,732
COOLING UNIT FOR REFRIGERATING SYSTEMS
Ernest R. Hopkins and Nathan Baraban, Kansas City, Mo., assignors to American Cooling Tower Company, a corporation of Missouri
Application October 22, 1934, Serial No. 749,410
7 Claims. (Cl. 261—92)



1. A cooling unit for refrigerating systems having a refrigerant coil, comprising a case having an intake port and an exhaust port formed therein and a reservoir formed at the bottom thereof having the refrigerant coil therein; a plurality of perforated horizontal trays in said case arranged in offset relation one above the other to form a serpentine path from the said intake port to the exhaust port; means to force air along said serpentine path from the intake port to exhaust port; means for pumping water from the said reservoir to the uppermost tray; and a series of movable spray plates positioned above the reservoir to project water from the reservoir into the said path.

2,060,733
PROCESS OF TREATING CELLULOSE AND DERIVATIVES THEREOF
James Karr Hunt and George Henry Latham, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application September 4, 1934, Serial No. 742,694
11 Claims. (Cl. 91—68)

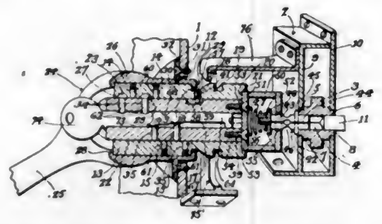
1. The process of rendering cellulosic fibres and fibrous manufactures thereof more resistant to the deleterious effects of aging which consists in impregnating them with a small percentage of an agent having the general formula



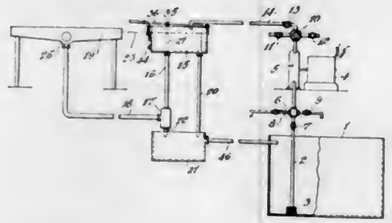
in which X_1 and X_2 are oxygen or sulfur, R_1 is a monovalent hydrocarbon radical, and R_2 and R_3 are hydrogen or monovalent organic radicals.

2,060,734
COMBINED LOCKING AND RELEASING ASSEMBLY
Edward R. Knight, Jefferson City, Mo., assignor of two-thirds to Edna T. Kuehn, one-sixth to William B. Raez, and one-sixth to Eda Mast, all of St. Joseph, Mo.
Application March 21, 1934, Serial No. 716,711
7 Claims. (Cl. 70—46)

1. In a cylinder lock, a revoluble tubular casing, a shiftable outwardly or inwardly positioned spring controlled cylinder arranged within, slidably connected to and bodily revoluble with said casing, said cylinder when in its outer position extending outwardly beyond the outer end of the casing and when in its inner position extending beyond the inner end of the casing, an outwardly or inwardly positioned shiftable spring controlled slide arranged within, slidably connected to and bodily revoluble with said cylinder, said slide when in its outer position arranged in the outer portion of the cylinder and when in its inner position arranged within the inner portion of the cylinder, and said casing, cylinder and slide having releasable coacting means for normally latching the cylinder in its inner position and the slide in its outer position simultaneously.



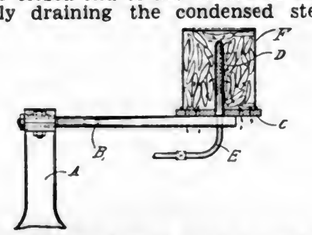
2,060,735
METHOD AND MEANS FOR APPLYING NUTRIENT SOLUTION TO PLANTS
Wabun C. Krueger, Dayton, N. J., assignor to Endowment Foundation, New Brunswick, N. J., a corporation of New Jersey
Application July 16, 1935, Serial No. 31,714
12 Claims. (Cl. 47—38)



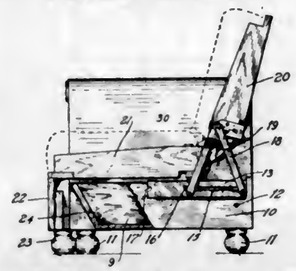
1. Means for applying a nutrient solution to plants including, a sump containing the solution to be used, a pump connected into the sump, means for operating the pump, a leveling tank connected to the pump, a plant bed containing the plants, a drain and settling basin, a control valve with means for actuating the same, pipes between the leveling tank, the control valve, the plant bed, and the drain and settling basin, and a pipe from the drain and settling basin to the sump, and an overflow pipe for the leveling tank, the top of the overflow pipe being below the top of the plant bed.

2,060,736
PROCESS FOR TREATING FOODSTUFFS
David L. Loetscher, Flushing, N. Y., assignor, by mesne assignments, to The Crown Cork and Seal Company, Inc., New York, N. Y., a corporation of New York
Application February 18, 1933, Serial No. 657,381
4 Claims. (Cl. 99—182)

1. The process of treating food stuffs which includes the steps of placing a substantially dry food stuff in an open ended container, inverting the container and retaining said food stuff therein, liberating steam under pressure within and near the closed end of the container and simultaneously draining the condensed steam and other liquid from the container through its open end, and finally sealing the container.

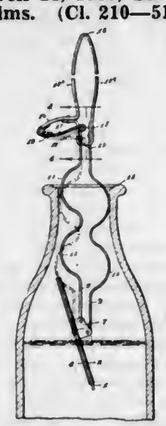


2,060,737
FOLDING BED COUCH
Benjamin Lieberman, Denver, Colo.
Application April 13, 1935, Serial No. 16,141
3 Claims. (Cl. 5—47)



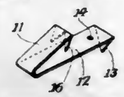
1. A couch bed construction comprising: a bedding compartment having laterally extending end boards; legs for supporting said compartment from the floor; hinge plates; a hook shaped upper edge along each of said hinge plates shaped to extend over the upper edge of said end boards so that said plates may be slid therealong; a couch hinge supported from each of said hinge plates; seat and back structures projecting from said couch hinge, said plates being longitudinally slotted; and a guide member fixed to said end boards and extending into said slot so as to prevent removal of said plates from said end boards and to limit the sliding movement.

2,060,738
CREAM SEPARATOR
William Lindroos, Toronto, Ontario, Canada
Application March 14, 1936, Serial No. 68,796
4 Claims. (Cl. 210—51.5)



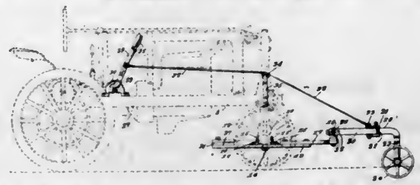
1. A cream separator comprising a flexible disc, a pair of rods pivoted to said disc and extending laterally therefrom in spaced parallel relation, one of said rods being movable longitudinally in relation to the other of said rods whereby to tilt said disc into substantial alignment with said other rod, said rods being provided intermediate of their lengths with opposed protuberances adapted to bear against the interior wall of the neck of a bottle at opposite sides thereof, a handle rigidly secured to the outer end of one of said rods and having a right angle extension slidably receiving said longitudinally movable rod, said handle also having a lateral extension, a lever hinged at its one end to the end of said lateral extension and at its other end being hinged to the said longitudinally movable rod whereby pressure on said lever in one direction will cause said disc to tilt, and spring means normally holding said disc at right angles to the longitudinal plane of said rods.

2,060,739
CLINCHER ROOFING CLIP
Homer Maddux, Kokomo, Ind.
Application August 28, 1934, Serial No. 741,856
2 Claims. (Cl. 108—33)



1. A clincher roofing clip comprising a body in the form of a bendable metallic strip having an end portion of equilateral triangular contour and an equi-lateral triangular cutout at its outer end portion extending lengthwise of said body, the said outer end portion of said body being provided by said cutout with a pair of oppositely disposed parts of right angled triangular contour, each of said parts having its straight edge forming a continuation of a side edge of said body and its apex aligning with said side edge, and said body being formed with an opening in proximity to said end portion of equi-lateral triangular contour.

2,060,740
TRACTOR GUIDE
Oscar Massey, Clinton, Ill.
Application June 16, 1936, Serial No. 85,615
1 Claim. (Cl. 97—49)

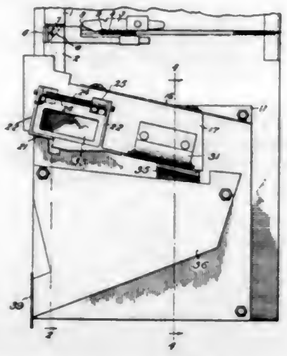


A tractor guide comprising a guide wheel for traction upon ground, a mounting for attachment to a steering head of a tractor and supporting the wheel laterally offset to one side of the line of draft of said tractor, means included in said mounting for permitting the raising and lowering of the wheel, means on a tractor for operating the first named means and adapted for latching and adjusted position, and means associated with the mounting for cleaning of a front steering wheel of said tractor.

2,060,741
VENDING MACHINE
Gerald J. McLaren, Ballston Spa, N. Y.
Application July 31, 1934, Serial No. 737,827
2 Claims. (Cl. 194—103)

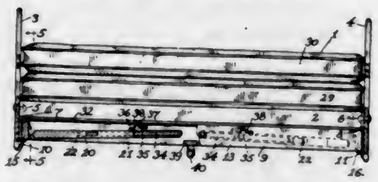
1. A coin detector including a plate secured to and held in spaced relation to a wall of the vend-

ing apparatus to provide a coin chute, the upper end of the plate being bent outwardly relative to the wall of the apparatus to provide a supporting flange, an inverted U-shaped member secured to and carried by said flange and overlying the plate, a swinging element supported on the outer side of the member and having a plate section movable to and from a position across the lower open end of the member, a weight for the element normally holding the plate section in normal position, said weight permitting a relatively slow swinging movement of the element to a position to open the lower end of the member under the travel of a coin of normal weight on



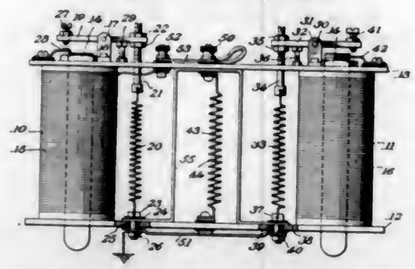
said plate section, the weight permitting more rapid movement of the plate section under a coin or slug of greater than normal coin weight, the plate secured to the wall of the apparatus being formed with an opening having an outwardly inclined directing lip, with the opening and lip positioned beneath that portion of the plate section at which the section under the weight of the normal coin is moved to discharge the coin, and a second plate secured to the first plate and spaced therefrom to provide a spurious coin delivery, said second plate being open at the upper end and underlying at least the full length of the plate section of the element.

2,060,742
STUDIO LOUNGE
Ulysses Bruce McMurtry, Toronto, Ontario, Canada
Application September 27, 1933, Serial No. 691,201
In Canada September 28, 1932
4 Claims. (Cl. 5—185)



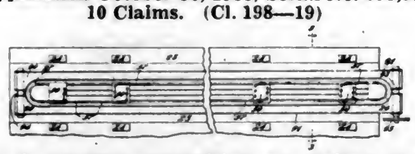
1. In a studio lounge, a foldable bed member, comprising a pair of stringers, and a pair of crosspieces forming a frame, a covering of yieldable material having a pair of hand-holes therethrough, a pair of movable bed ends forming supports, a double pair of movable bars for each bed end, each bar of which is pivotally connected to a stringer and a bed end, and providing a pivotally operating means adapted to swing each bed end into folded position beneath the yieldable covering, and within the space enclosed by the said frame, a pair of oppositely disposed crossbars mounted in the frame, each adjacent to and below one of the hand-holes, and fastening means engaging the cross-bars in a position readily accessible through the hand holes for the purpose of detachably securing each bed end in folded position.

2,060,743
APPARATUS FOR CONTROLLING THE CHARGE OF STORAGE BATTERIES
Harold Mitchell, Winnipeg, Manitoba, Canada
Application November 5, 1934, Serial No. 751,660
1 Claim. (Cl. 171—229)



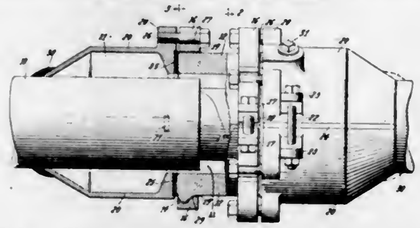
In apparatus of the class described, a pair of electro-magnets of the horseshoe type, a pair of spaced non-magnetic plates supporting the magnets, the legs of the magnets projecting through one of the plates to form pole pieces, a plate-like armature for each electro-magnet, brackets pivotally mounting the armatures, the armatures being counterbalanced on their respective axes to resist vibration, coil springs connected to one of the non-magnetic plates and adjustably connected to respective armatures at the rear ends thereof, a switch contact on the front end of each armature, stationary switch contacts on one of the non-magnetic plates adapted to be engaged by the first-named contacts when the associated magnets move the latter to circuit closing position against the tension of their respective controlling springs, a variable resistance comprising a plurality of stretches of wire disposed between and anchored through both plates of non-magnetic material, binding nuts associated with said stretches, a jumper connecting certain of the nuts for permitting a predetermined number of the stretches to be connected in series, a member formed of non-magnetic material disposed between said plates of non-magnetic material and between the magnets and the variable resistance for shielding the variable resistance from the magnets, the exciting coils of both magnets being connected in series, the terminal of one coil being connected to one of said stationary contacts and the terminal of the other coil being connected to the armature associated with the stationary contact just mentioned, both armatures being grounded through their controlling springs, the variable resistance being connected across the other stationary contact and the exciting coils of the magnets, the poles of one of the magnets being spaced a less distance from their associated armature than the poles of the other magnet are spaced from their associated armature, and stop screws on one of the plates of non-magnetic material underneath the armatures for limiting downward movement of the armatures under influence of their controlling springs.

2,060,744
CONVEYER SYSTEM
Harold R. Perry, Swarthmore, Pa., and Chester S. Jennings, Syracuse, N. Y., assignors to The Lamson Company, Syracuse, N. Y., a corporation of Massachusetts
Application October 30, 1933, Serial No. 695,856
10 Claims. (Cl. 198—19)



1. A conveyer comprising an endless chain traveling in a horizontal plane, a track, a plurality of cars pivotally secured to said chain, said cars including a base, an article-carrying member pivotally secured thereto, and a roller fixed to said member, means for actuating said chain and causing it to move said cars around said track, and a station past which said cars travel, said station including a cam piece normally out of the path of travel of the cars, and means for moving the cam piece into such path so that, as a car passes the station, the cam piece engages the roller of the car and tilts the article-carrying member thereof to dump the load thereon at said station.

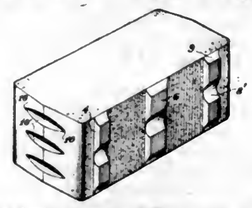
2,060,745
INSULATING JOINT FOR CABLES
Allen D. Pettee, Plainfield, N. J., assignor to General Cable Corporation, New York, N. Y., a corporation of New Jersey
Application August 27, 1931, Serial No. 559,669
4 Claims. (Cl. 173—268)



4. An insulating joint for cable sheaths comprising, in combination, a longitudinally split insulating sleeve, gaskets separating the adjacent edges of the sleeve parts, split clamp rings securing the sleeve parts together with the gaskets therebetween, a longitudinally split nipple at each end of said insulating sleeve, means securing the nipple parts together, annular gaskets separating said insulating sleeve and the nipples, and means for clamping the insulating sleeve and the nipples together with the annular gaskets therebetween.

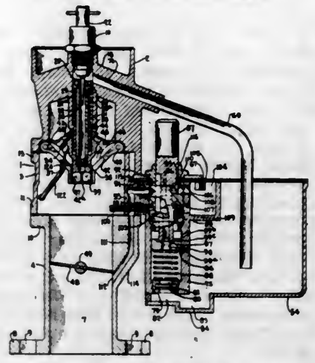
2,060,746
BRICK
Sidney C. Porter, Newell, W. Va., assignor to The Globe Brick Company, Kenilworth, W. Va., a corporation of West Virginia
Application July 27, 1934, Serial No. 737,279
7 Claims. (Cl. 94—14)

1. A brick comprising a substantially rectangular body having on one side outer pairs of transversely extending spaced integral lugs and a central pair of transversely extending spaced integral lugs, said lugs having a predetermined supporting area and the supporting areas of the central pair of lugs being longer longitudinally of the body than either outer pair of lugs, each outer



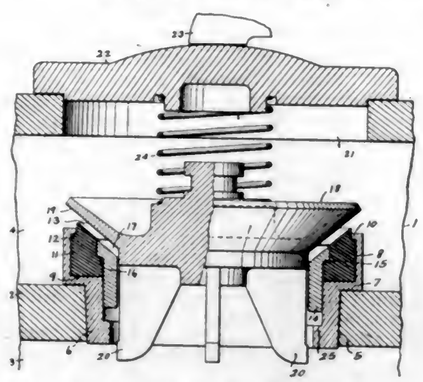
pair of lugs being spaced from the central pair of lugs a distance greater than the longitudinal length of the latter lugs.

2,060,747
CARBURETOR
William C. Rayfield, Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich., a corporation of Michigan
Application February 7, 1934, Serial No. 710,068
17 Claims. (Cl. 261—34)



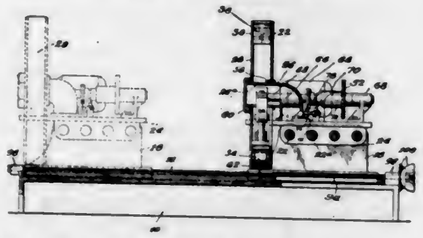
1. A carburetor comprising a hollow casing having a substantially straight vertical open-ended passageway therethrough, one end portion of said passageway defining an air inlet converging in the direction of flow, the other end portion of said passageway defining a mixture outlet, a dash-pot casing concentrically positioned in said air inlet in circumferentially spaced relation to the converging walls of said passageway, supporting members bridging said air inlet and extending between said casings and rigidly supporting said dash-pot casing, the inner end of said dash-pot casing being open and having a hollow extension providing guide means, a piston in said dash-pot casing having a hollow stem opening through said piston and reciprocably supported in said extension, a hollow plug member closing the outer open end of said dash-pot casing, a fuel metering valve adjustably supported in the bore of said plug member and extending into the bore of said stem to regulate flow therethrough, a fuel reservoir, a fuel supply conduit extending from said reservoir and opening longitudinally through one of said supporting members into said dash-pot casing between said piston and said plug member, suction operated valve means controlling air flow through said passageway, said stem having a nozzle member discharging into said passageway on the outlet side of said valve means, means operatively connecting said valve means and said nozzle member whereby said piston opposes movement of said valve means by suction, and means to control discharge from the outlet end of said passageway.

2,060,748
VALVE MECHANISM
Hardy Roberts, Devine, and Charles H. Robertson, Fort Worth, Tex.
Application August 31, 1934, Serial No. 742,296
2 Claims. (Cl. 251—167)



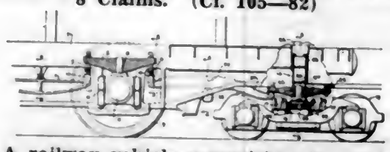
1. In a valve mechanism, a cage tubular in form and provided with an external annular shoulder forming a support, said cage having an inside annular groove above said support whose lower end forms a relatively wide base, the upper end of the cage having an inwardly extended narrow flange, a resilient ring fitted in said groove whose upper end is reduced to fit through said flange, forming an external annular shoulder which engages the flange, the lower side of said ring resting on said base, said ring having an inside annular shoulder, a tubular metal gland fitted closely through said ring and whose lower end has a loose slidable fit in the cage and whose upper end is widened forming a shoulder which rests on the inside shoulder of said ring, the upper end of said gland and ring being upwardly flared to form a seat.

2,060,749
AUTOMATIC SHOW CARD PRINTING DEVICE
Lyman A. Stinson, Chicago, Ill., assignor of one-half to James L. Allen, Wilmette, Ill.
Application August 21, 1931, Serial No. 558,545
Renewed August 4, 1936
11 Claims. (Cl. 101—95)



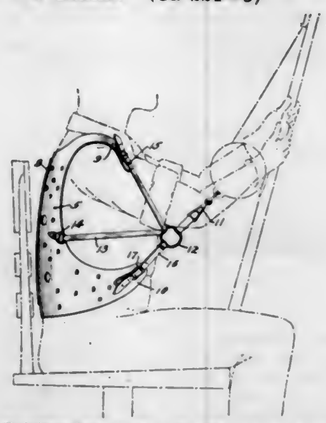
1. Apparatus for printing show cards comprising a base, a printing bed thereon, a movable platform, means on said base for supporting said movable platform, a vertically positioned rotatable printing disc mounted thereon, means for operating said printing disc, means for driving said operating means, all of said means mounted on said platform and means for moving said platform right and left and back and forth to any desired position above said printing bed.

2,060,750
EQUALIZER SYSTEM
Allen Wallace, Moorestown, N. J.
Application June 29, 1933, Serial No. 678,243
8 Claims. (Cl. 105—82)



1. A railway vehicle comprising, in combination, a frame, wheels and axles therefor, a spring and equalizing system for supporting said frame by said wheels, a truck, a member having a guide post supported in relatively slidable relation to the frame and a center pin pivotally supported on said truck, said post having an opening therein, a longitudinal spring system extending through said opening, means for connecting one end of said latter spring system to said frame, and an equalizer beam connecting the other end of said latter spring to the spring and equalizing system for said wheels.

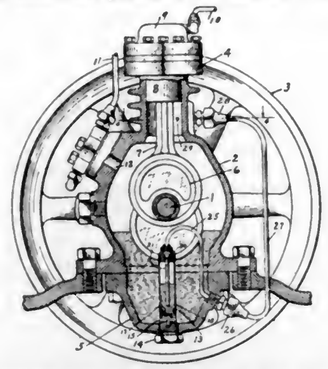
2,060,751
FISHING HARNESS
William F. Baxter, Beach Haven, N. J., assignor to Abercrombie & Fitch Company, New York, N. Y., a corporation of New York
Application April 14, 1936, Serial No. 74,287
6 Claims. (Cl. 224—5)



6. In a fishing harness, a back piece, straps at opposite sides thereof extending forwardly therefrom to form loops at opposite sides of the wearer, a slide for each loop, straps extending forwardly from the lower part of said back piece for connection respectively with said slides, and means for connecting said slides to a fishing rig.

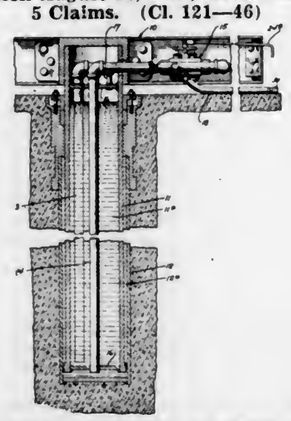
2,060,752
LUBRICATING SYSTEM
Philip A. Celander and Arthur C. Hollatz, Bloomington, Ill., assignors to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill., a corporation of Illinois
Application January 2, 1935, Serial No. 14
5 Claims. (Cl. 184—18)

1. A compressor for a closed system compression type refrigeration apparatus having a crank case containing a bath of lubricant, a lubricant pump for automatically lubricating the compressor pistons actuated by the decrease in pressure within the crank case resulting from the operation of the pistons, including a chamber closed at one end and a valved port at the other provided with a valve permitting lubricant to enter the chamber until the pressure of the air entrapped



therein equals the pressure within the crank case when the compressor is idle, and means for delivering lubricant from the chamber to the piston cylinders upon a reduction of crank case pressure upon initiation of operation.

2,060,753
ELEVATOR
John Cochin, San Francisco, Calif.
Application August 12, 1929, Serial No. 385,420
5 Claims. (Cl. 121—46)



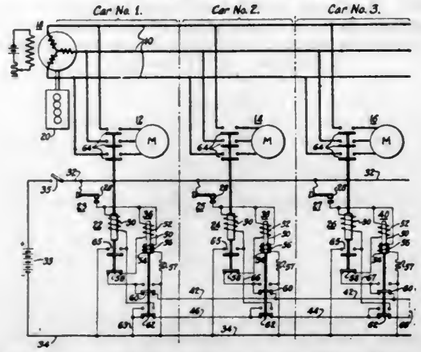
1. An elevator comprising a fluid containing ram, a fluid containing casing surrounding the ram, normally closed fluid communication between said ram and casing, air control means carried by and movable with the elevator for introducing air under pressure or exhausting air from said ram, and means automatically operable to open the fluid communication between the ram and casing upon operation of said air control means.

2,060,754
CONTAINER
Charles F. Davis, Waterloo, Quebec, Canada
Application June 2, 1932, Serial No. 614,967
2 Claims. (Cl. 131—51)



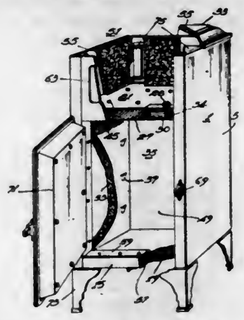
1. A container including a body; a cover for said body having an ash tray formed therein and cigar and cigarette accommodating pockets opening into said ash tray from the edges of said cover; an auxiliary ash tray carried in said cover; and a discardable means for retaining said auxiliary ash tray in said cover.

2,060,755
PROGRAM-STARTING SYSTEM
Donald W. Exner, Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 30, 1936, Serial No. 61,526
8 Claims. (Cl. 172—239)



3. A system for causing a plurality of power-consuming devices, with each of which is associated a starting contactor and actuation-control means therefor, always to be started consecutively in a given relative order comprising a relay responsive to the control means for each device, each of said relays being adapted to set up an actuating circuit for the associated contactor and delayedly to release itself upon actuation of this contactor, and an interconnecting loop circuit for said relays which allows at any given time initial completion of the actuating circuit for but one of said contactors only.

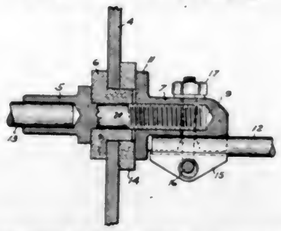
2,060,756
CABINET CONSTRUCTION
Gregg F. Forsthoefel, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania
Application September 1, 1931, Serial No. 560,563
4 Claims. (Cl. 220—9)



1. A refrigerator cabinet construction including a substantially three-sided outer shell, a pair of substantially flat plates, means for fastening one of said plates at one of the longitudinal extremities of said shell, means for fastening the

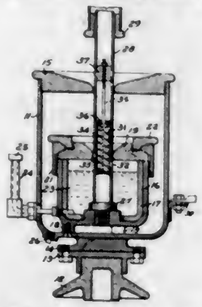
other plate intermediately of the longitudinal extremities of said shell, whereby two compartments are formed, said intermediate plate including main and detachable portions complementally providing an aperture, and a rigid insulating member attached to and at least partially covering a surface of said intermediate plate, said insulating member including main and detachable portions complementally providing an aperture aligned with said first aperture.

2,060,757
CONNECTER
Leland H. Hill, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware
Application August 25, 1934, Serial No. 741,418
2 Claims. (Cl. 173—324)



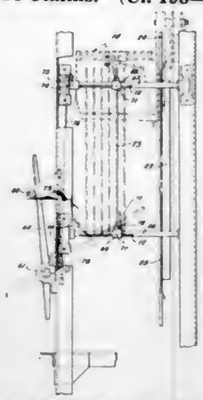
1. In combination, a casing provided with an aperture therein, a conducting stud provided with a shoulder in abutting relation to one side of said casing and having a screw threaded portion extending through said aperture, a connecter provided with a body member having an opening therein adapted to receive said screw threaded portion of said stud member, a flanged portion on said body member in abutting relation to the other side of said casing, a groove in the outer surface of said body member adapted to receive an additional conductor therein in overlapping relation to said opening and means for clamping said additional conductor to said body member, said means including a member provided with portions extending through said body member and straddling said opening and said groove.

2,060,758
CIRCUIT BREAKER
Gustav E. Jansson, Atlantic, Mass., assignor to Condit Electrical Manufacturing Corporation, Boston, Mass., a corporation of Massachusetts
Application May 1, 1933, Serial No. 668,724
20 Claims. (Cl. 200—150)



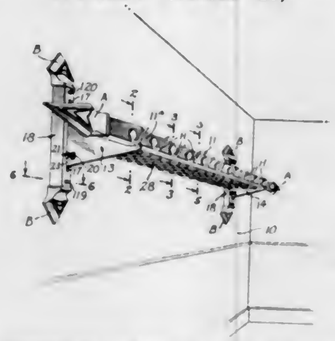
20. A circuit interrupter comprising a pressure pot containing an arc extinguishing fluid, a hollow contact, a second contact, means whereby said contacts are relatively movable and cooperable to make and break contact in said fluid to draw a pressure generating arc, and means cooperating mechanically with said hollow contact for controlling the flow of fluid through said hollow contact in accordance with the pressure generated by said arc.

2,060,759
CONVEYER SYSTEM
Chester S. Jennings, Syracuse, N. Y., assignor to The Lamson Company, Syracuse, N. Y., a corporation of Massachusetts
Application March 5, 1934, Serial No. 714,064
14 Claims. (Cl. 198—38)



1. A conveyer including a plurality of cars by which loads are carried to unloading stations along the path of travel, each car being assigned to a single station only, trip mechanism on each car and discharging mechanism at each station, said trip mechanism being normally inoperative and being rendered operative by the loading of the car, and the discharging mechanism of any station being actuated only by the trip mechanism of a car assigned to that station, which trip mechanism has been rendered operative by placing a load thereon.

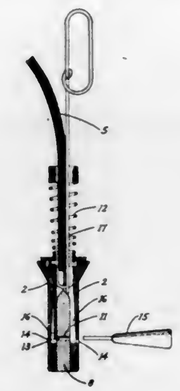
2,060,760
BRACKET CONSTRUCTION
Henry F. Keil, Scarsdale, N. Y., assignor to Francis Keil & Son, Inc., a corporation of New York
Application December 8, 1934, Serial No. 756,677
18 Claims. (Cl. 211—87)



1. In construction of the character described, in combination, a plurality of laterally spaced main supports, each having exposed forwardly thereof

an open recess in the bottom of which is a locking member joined thereto by a neck portion of smaller dimension than the major dimension of said locking member, and a beam-like member of substantially channel-shaped cross-section whose front wall is provided with a series of slots and whose opposed rearwardly extending walls are provided with flanges extending toward one another but spaced apart by a dimension less than the major dimension of said locking member, whereby said beam-like member may be inserted into said recesses of said supports and said flanges forced over the locking member and into engagement with said neck-like portion, and a plurality of auxiliary supports each provided with a shank having a forward portion shaped to fit one of said slots and a rear head-like portion whose major dimension is greater than the spacing between said flanges and capable of being forced through and beyond the space between said flanges.

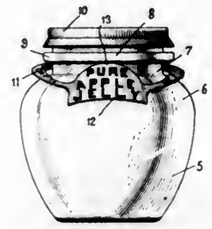
2,060,761
ELECTRICAL CONNECTER
Lawson R. Landers, Houston, Tex.
Application April 19, 1935, Serial No. 17,223
1 Claim. (Cl. 173—332)



A connecter formed of complemental sections adapted to fit together to form a housing, a key between said sections, said sections and the key being provided with dove-tailed mortise and tenon connections whereby said sections are held together, said key having an opening therethrough, a yieldable catch within the housing and engageable in said openings to maintain the key against displacement said connecter having a catch receiving space within the housing and aligned with the catch to permit retraction of the catch.

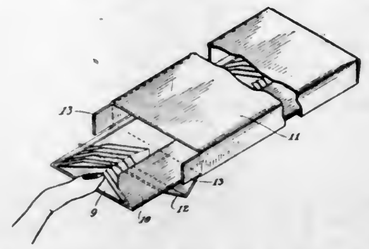
2,060,762
LABEL
Harry E. Meinhold, New York, N. Y., assignor to Duffy Mott Company, Incorporated, New York, N. Y., a corporation of New York
Application May 12, 1936, Serial No. 79,225
5 Claims. (Cl. 40—4)

5. The combination with a jar having a shoulder, a throat, and a ridge on said throat spaced from said shoulder, of a label comprising an annular band adapted to pass over said ridge and encircle said throat above said shoulder, and a legend bearing tab forming a part of said band, located entirely within the outer diameter of said shoulder, and having an edge projecting inwardly



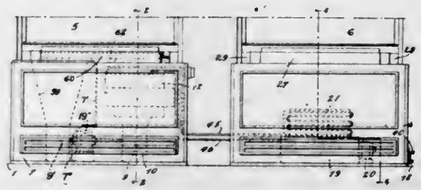
of said band and engaging beneath said ridge to prevent removal of said label from said jar.

2,060,763
SHIPPING AND UTILITY CARTON
Thomas Riley, South Norwalk, Conn., assignor to J. & J. Cash, Incorporated, South Norwalk, Conn.
Application February 28, 1935, Serial No. 8,749
6 Claims. (Cl. 206—65)



1. A shipping and utility carton comprising an outer shipping container having means for opening one end thereof, and a holder for doubled labels having flexible wings, said holder when forced into the carton engaging and holding the doubled positions of the labels in their doubled positions.

2,060,764
VENTILATING APPARATUS
Allston Sargent, Bronxville, N. Y., assignor to Campbell Metal Window Corporation, New York, N. Y., a corporation of Maryland
Application July 11, 1932, Serial No. 621,865
4 Claims. (Cl. 62—129)



2. The combination with the wall of a room having two side by side window openings therein, of means for ventilating said room and conditioning the air therein comprising two cabinets resting on the room floor one adjacent each window and each having a conduit portion extending over the sill of the adjacent window and establishing communication through the window between the external air and the cabinet interior,

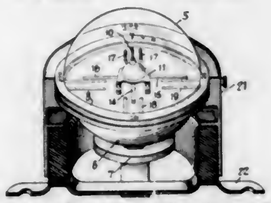
apparatus in one cabinet comprising air moving means and a cooling device for supplying external air to the room and for recirculating and cooling room air, and refrigerating machinery in the other cabinet supplying cooling fluid to said cooling device and including a condenser, and means for moving external air into the cabinet and over the condenser and returning it to the external atmosphere.

2,060,765
WELDED JOINT AND METHOD OF MAKING THE SAME
Arthur R. Welch, Easton, Pa., assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J., a corporation of New Jersey
Application August 28, 1935, Serial No. 38,279
10 Claims. (Cl. 113—112)



1. Method of fusion welding austenitic manganese steel and non-austenitic ferrous metal without destroying the tough hardness of the manganese steel, which consists in preparing a welding space between the parts to be joined, priming the non-austenitic metal of the welding space by coating it with nickel steel, and homogeneously joining the parts by applying between the nickel steel and the manganese steel weld deposit metal comprising manganese steel susceptible to air toughening.

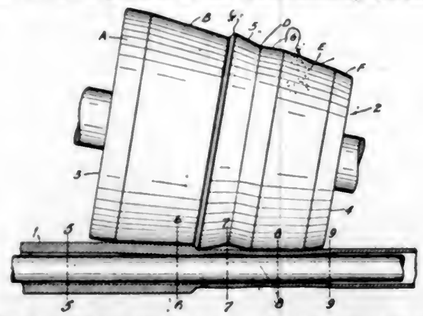
2,060,766
COMPASS
Francis West, Jr., Chilmarks, Mass., assignor to Paul Zuckerman, New York, N. Y.
Application February 11, 1936, Serial No. 63,292
5 Claims. (Cl. 33—222)



1. A compass having a bowl, a North indicating needle supported in said bowl, an elongated member located within said bowl and extending alongside said needle in position to cooperate therewith to indicate a predetermined course when said needle is in parallel with said member, and means for adjustably supporting said bowl whereby the position of said member can be set in accordance with a predetermined course.

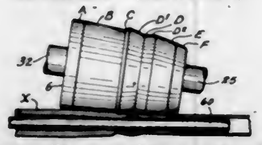
2,060,767
PROCESS OF ROLLING TUBES AND RODS
Walter J. Assel, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio
Application February 15, 1933, Serial No. 656,899
11 Claims. (Cl. 80—62)

5. The process of rolling rods and tubes which comprises simultaneously rotating and longitudinally feeding the work piece to the roll pass without material reduction of the diameter thereof, reducing the diameter of the work piece by rolling pressure applied to a single narrow zone of the work piece at a steep angle and at an angle to the axis of the work piece, and reeling the reduced portion while maintaining substan-



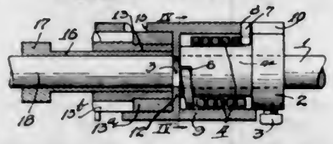
tially the same velocity ratio at the periphery of the reduced and unreduced portions.

2,060,768
TUBE MILL
Walter J. Assel, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio
Application August 7, 1936, Serial No. 94,841
15 Claims. (Cl. 80—13)



1. A rolling mill comprising a plurality of rolls similarly arranged equidistantly from the axis of the pass with their own axes askew with relation to the planes of said axis, each roll having a relatively wide work feeding zone at its front end and a narrow truly conical work reducing zone contiguous with the rear end of said work feeding zone, the proximate portions of the surfaces of the feeding zones of the respective rolls being nearly parallel with the axis of the pass but converging in the direction of longitudinal movement of the work piece to a slight extent, and the proximate portions of the surfaces of the respective reducing zones converging in the direction of longitudinal movement of the work piece toward one another at a steep angle to the axis of the pass.

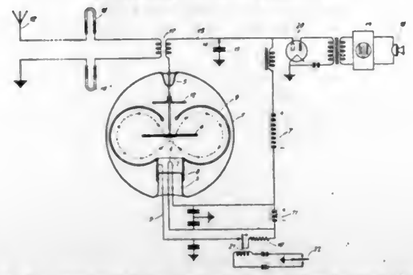
2,060,769
STARTER MECHANISM
Odilon Brisbois, Chicago, Ill., assignor to W. P. Worth, Chicago, Ill.; Myrtle E. Worth executrix of Walter P. Worth, deceased
Application October 31, 1935, Serial No. 47,620
3 Claims. (Cl. 74—9)



1. In an engine starter, a driving shaft, a collar rigid on said driving shaft and having an abutment extending beyond the periphery thereof, a shell surrounding said shaft and having a shoulder adapted for engagement by said abutment, a coil spring surrounding said shaft within said shell and having one end anchored to said shaft

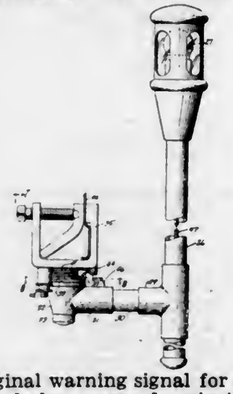
and the other end anchored to said shell, a stationary sleeve surrounding said shaft and having a collar at its forward end, a pinion mounted upon said sleeve within said shell, said sleeve having a spiral slot and said pinion having a stud extending into said slot.

2,060,770
ULTRA HIGH FREQUENCY OSCILLATION CIRCUIT
Clarence W. Hansell, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application March 20, 1934, Serial No. 716,485
9 Claims. (Cl. 179—171)



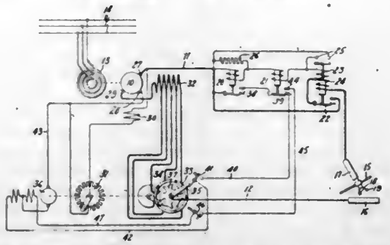
5. In combination, an electron discharge device oscillator comprising an evacuated envelope having within it a cathode, an anode in the form of a grid, a metallic deflecting electrode symmetrically positioned with respect to said anode and cathode, said deflecting electrode extending from points near said cathode outwardly toward said envelope beyond the edges of said anode to points on the other side of said anode, means for maintaining said anode at a positive potential and said deflecting anode at a negative potential with respect to said cathode, whereby the stream of electrons from said cathode passing through said anode are caused to travel in a curved path so as to cross itself at an angle, and individual means for varying the potential of said anode and deflecting electrode in accordance with different signals to be transmitted.

2,060,771
MARGINAL WARNING SIGNAL FOR AUTOMOBILES
Herman H. Kempf, New York, N. Y.
Application March 7, 1934, Serial No. 714,370
10 Claims. (Cl. 177—311)



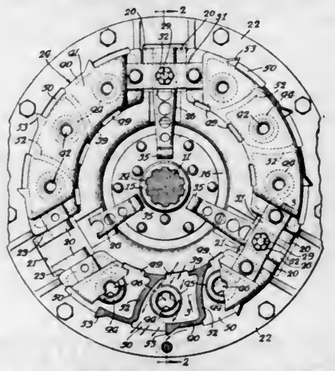
10. A marginal warning signal for automobiles comprising a feeler, means for pivotally mounting said feeler upon an automobile, spring means cooperating with the mounting means for normally holding the feeler a substantial distance or margin beyond the side of the automobile substantially opposite the side of the automobile, an electric lamp mounted on the feeler, and a switch associated with said mounting actuated by the feeler when turned from normal position to effect the lighting of the lamp.

2,060,772
REMOTE CONTROL SYSTEM
Guy A. Moffett, Rexford, N. Y., assignor to General Electric Company, a corporation of New York
Application May 10, 1934, Serial No. 724,845
13 Claims. (Cl. 171—223)



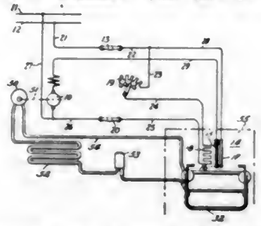
1. A power system comprising a source of supply, a load circuit connected to said source of supply, a plurality of relays one or more of which are arranged to be energized through said load circuit in accordance with its impedance, means for altering or reversely altering a characteristic of said source of supply depending on the operation of one or more of said relays, and means arranged to be connected in said load circuit to control its impedance and the operation of said relays.

2,060,773
CLUTCH
William J. Pearmain, Racine, Wis., assignor to Twin Disc Clutch Company, Racine, Wis., a corporation of Wisconsin
Application January 7, 1933, Serial No. 650,614
19 Claims. (Cl. 192—113)



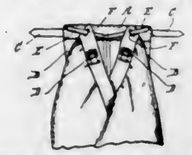
1. In a clutch, the combination of a pressure plate, loading springs acting at one end against said plate, and backing means contacting the opposite ends of the springs, said means having webs extending towards the plate for directing against said springs air streams induced by the rotation of the clutch.

2,060,774
CONTROL MEANS FOR REFRIGERATION SYSTEMS
Ernest Zurcher, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application July 24, 1935, Serial No. 32,891
17 Claims. (Cl. 62—4)



1. In combination, a control device for a refrigerating machine comprising a thermal element responsive to the temperature produced by the refrigerating machine, means controlled by the thermal element for starting and stopping the operation of the refrigerating machine at predetermined high and low temperatures, means for heating said thermal element whereby the operation thereof in response to temperatures produced by the refrigerating machine is modified, and means for controlling said heating means to effect starting and stopping of the refrigerating machine at other predetermined high and low temperatures.

2.060.775
TROUSERS
Leonard Barry, Auckland, New Zealand
Application November 20, 1934, Serial No. 753,973. Renewed November 22, 1935. In New Zealand March 21, 1934
6 Claims. (Cl. 2—237)



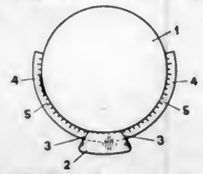
1. In trousers and like garments, a waistband formation in which placket like openings are made in the waistband at about over each buttock position and the rearward member of each opening is caused to adjustably overlap the forward member and is secured by means of a strap extension on the former passing through a buckle secured to the latter member, and means for slidably supporting the underlapping member upon the overlapping member of each opening, consisting of a strap disposed to extend along the inside of the overlapping member and secured only at its ends, and which strap is passed through an eyelet formed upon or attached to the edge of the underlapping member.

2,060,776
DUSTLESS BAG EMPTYING ATTACHMENT
Edward G. Bender, New York, N. Y.
Application April 27, 1935, Serial No. 18,514
8 Claims. (Cl. 285—71)

1. An attachment for dust bags and the like, comprising a ring adapted to be inserted in the open end of the bag with a holding member attached to one side, the holding member extending upward therefrom and then extending downward beyond the ring, forming a socket, and then extending upward forming an oppositely positioned socket and clamping means around said ring.

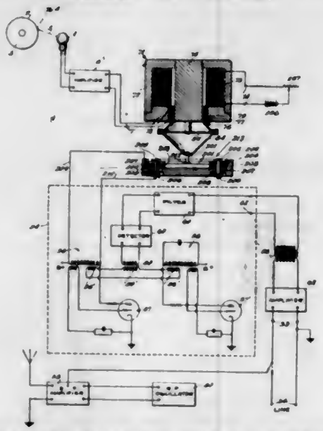


2,060,777
GLOBE WITH MEASURING INSTRUMENT
Robert Haardt, Vienna, Austria
Application June 12, 1936, Serial No. 84,856
In Austria June 8, 1935
4 Claims. (Cl. 35—46)



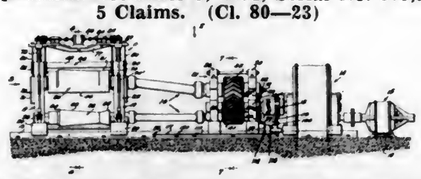
1. A globe of the character described, comprising in combination, a cup-shaped base open at both ends, a globe supported in one open end of the base so that it can be freely rotated in any direction, and an arcuate rule carried by the end of the base supporting the globe and having an inner diameter corresponding to the diameter of the globe, the rule being of a length to retain the globe supported on the base.

2,060,778
FACSIMILE SYSTEM
William G. H. Finch, New York, N. Y.
Application November 11, 1935, Serial No. 49,222
7 Claims. (Cl. 178—5)



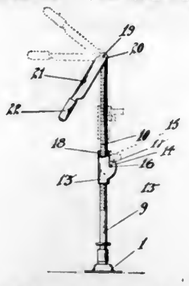
1. In a signaling system, means for translating a band of audio frequency currents of varying amplitude into a band of corresponding varying frequency and substantially constant amplitude audio frequency currents comprising a solenoid, an electromechanical vibrator having an armature and a variably positioned contact member for changing the frequency of vibration of said armature, means for mechanically regulating the position of said contact member by said solenoid, said solenoid being electrically connected to said varying amplitude currents, a transformer and a source of current, said contact member and said armature being circuitally connected with a winding of said transformer and said source whereby alternating current of frequency varying in accordance with the frequency of vibration of said armature is induced to the output of said transformer.

2,060,779
METHOD FOR MAKING ROLLED HOLLOW METAL ARTICLES
Charles G. Steele and Walter H. Stevens, Los Angeles, Calif.
Application December 9, 1931, Serial No. 579,888
5 Claims. (Cl. 80—23)



1. The method of rolling hollow blanks without a mandrel, rotating a blank on its axis without bodily displacement of the blank and at the same time applying pressure in a radial direction on the blank, the pressure gradually increasing to continually change the radius of the part of the blank under deforming pressure, said pressure changing the diameter of different portions of the blanks considered longitudinally thereof and simultaneously elongating the blank but retaining the wall thickness of the finished article substantially the same as the original wall thickness of the blank at corresponding diametrical sections.

2,060,780
LIFTING JACK
Charles B. Woodworth, Port Dickinson, N. Y.
Application July 24, 1935, Serial No. 32,930
4 Claims. (Cl. 254—100)

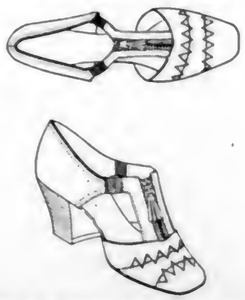


1. A lifting jack comprising a screw rod and lifting member thereon, and a handle attached to the upper free end of said screw rod for rotating the same, said handle being pivoted for folding alongside the same and for movement to selective positions to permit the handle to swing across the top of the screw rod.

DESIGNS

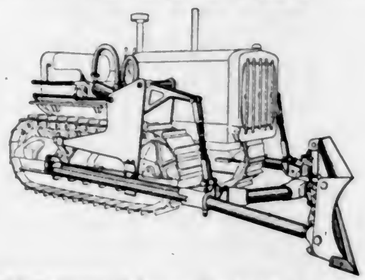
NOVEMBER 10, 1936

101,845
DESIGN FOR A SHOE
Walter Ebling, Rochester, N. Y., assignor to E. P. Reed and Company, Rochester, N. Y.
Application October 7, 1936, Serial No. 65,197
Term of patent 3½ years



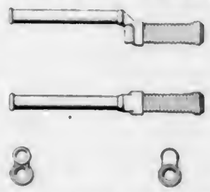
The ornamental design for a shoe substantially as shown.

101,846
DESIGN FOR AN EARTH MOVING DEVICE
Ellsworth W. Austin, Cedar Rapids, Iowa, assignor to La Plant-Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa, a corporation of Delaware
Application May 1, 1935, Serial No. 56,641
Term of patent 7 years



The ornamental design for an earth moving device as shown and described.

101,847
DESIGN FOR A FISHING ROD HANDLE
Frank L. Baker, Tacoma, Wash.
Application March 16, 1936, Serial No. 61,665
Term of patent 7 years



The ornamental design for a fishing rod handle as shown.

101,848
DESIGN FOR A DESK OR SIMILAR ARTICLE
Joseph R. Bate, Manitowoc, Wis., assignor to Invincible Metal Furniture Company, Manitowoc, Wis., a corporation of Wisconsin
Application April 6, 1936, Serial No. 61,968
Term of patent 14 years



The ornamental design for a desk or similar article, as shown.

101,849
DESIGN FOR A CASING FOR AN AUTOMOBILE-BODY HEATER OR SIMILAR ARTICLE
Earl C. Booth, Columbus, Ind.
Application March 18, 1935, Serial No. 55,913
Term of patent 7 years



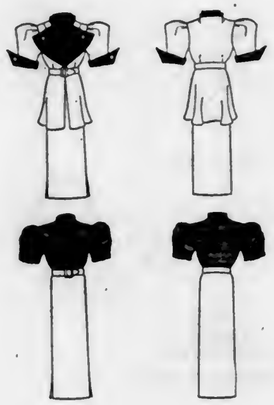
The ornamental design for a casing for an automobile-body heater or similar article as shown.

101,850
DESIGN FOR A HANDBAG OR THE LIKE
William F. Bowen, North Attleboro, Mass., assignor to Evans Case Company, a corporation of Massachusetts
Application October 5, 1936, Serial No. 65,175
Term of patent 3½ years



The ornamental design for a hand bag or the like as shown, and described.

101,851
DESIGN FOR AN ENSEMBLE DRESS
Sade Isabey Brandt, Brooklyn, N. Y.
Application October 10, 1936, Serial No. 65,247
Term of patent 3½ years



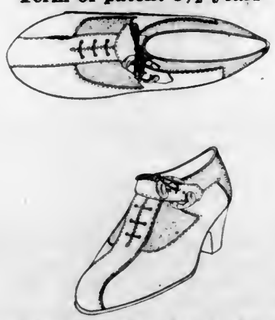
The ornamental design for an ensemble dress substantially as shown.

101,852
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Robert Richard Bunting, Paris, France
Application October 9, 1936, Serial No. 65,222
Term of patent 3½ years



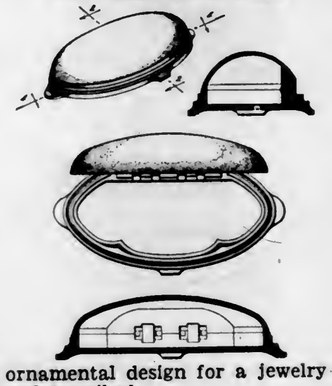
The ornamental design for a shoe or similar article, substantially as shown.

101,853
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Robert Richard Bunting, Paris, France
Application October 9, 1936, Serial No. 65,223
Term of patent 3½ years



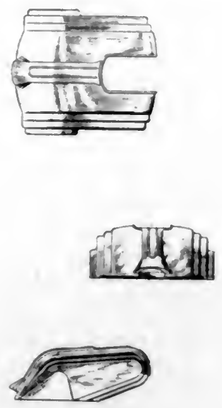
The ornamental design for a shoe or similar article, substantially as shown.

101,854
DESIGN FOR A JEWELRY BOX
John Renfrew Dean, Buffalo, N. Y., assignor to Warner Jewelry Case Company, Buffalo, N. Y.
Application May 4, 1936, Serial No. 62,458
Term of patent 14 years



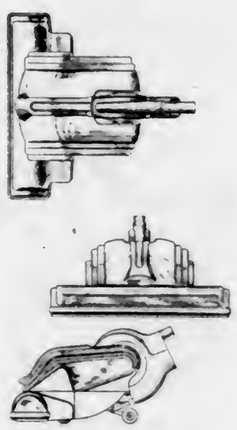
The ornamental design for a jewelry box, as shown and described.

101,855
DESIGN FOR A VACUUM CLEANER COVER CASING
Dewey M. Dow and Frederick H. Burmeister, Toledo, Ohio, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio, a corporation of Delaware
Application May 7, 1936, Serial No. 62,528
Term of patent 14 years



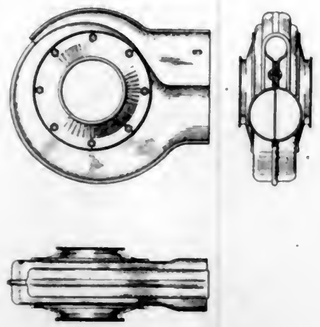
The ornamental design for a vacuum cleaner cover casing, as shown.

101,856
DESIGN FOR A VACUUM CLEANER
Dewey M. Dow and Frederick H. Burmeister, Toledo, Ohio, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio, a corporation of Delaware
Application May 7, 1936, Serial No. 62,529
Term of patent 14 years



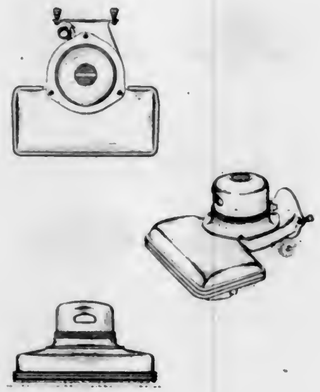
The ornamental design for a vacuum cleaner, as shown and described.

101,857
DESIGN FOR A VACUUM CLEANER FAN CASING ASSEMBLY
Dewey M. Dow and Frederick H. Burmeister, Toledo, Ohio, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio, a corporation of Delaware
Application May 7, 1936, Serial No. 62,530
Term of patent 14 years



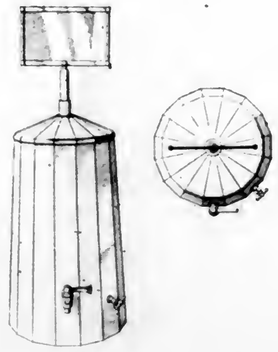
The ornamental design for a vacuum cleaner fan casing assembly, as shown.

101,858
DESIGN FOR A CASING FOR A SUCTION CLEANER OR SIMILAR ARTICLE
Henry Dreyfuss, New York, N. Y., assignor to The Hoover Company, North Canton, Ohio, a corporation of Ohio
Application October 7, 1935, Serial No. 58,861
Term of patent 14 years



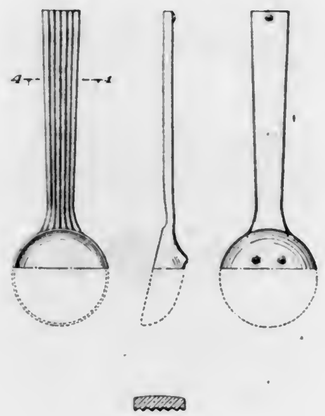
The ornamental design for a casing for a suction cleaner or similar article, as shown and described.

101,859
DESIGN FOR A BEVERAGE DISPENSER CASING
Otto M. Eash, Oakland, Calif., assignor to L. H. Strickler, Oakland, Calif.
Application August 25, 1936, Serial No. 64,562
Term of patent 7 years



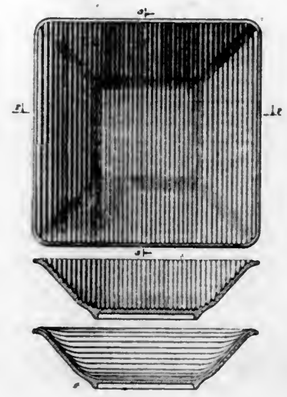
The ornamental design for a beverage dispenser casing, as shown.

101,860
DESIGN FOR A SERVING SPOON OR SIMILAR ARTICLE
Henry O. Ebeling, Philadelphia, Pa., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa., a corporation of Delaware
Application September 17, 1936, Serial No. 64,889
Term of patent 7 years



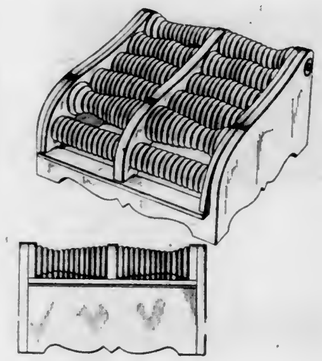
The ornamental design for a serving spoon or similar article as shown and described.

101,861
DESIGN FOR A DISH OR SIMILAR ARTICLE
Henry O. Ebeling, Philadelphia, Pa., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa., a corporation of Delaware
Application September 17, 1936, Serial No. 64,890
Term of patent 7 years



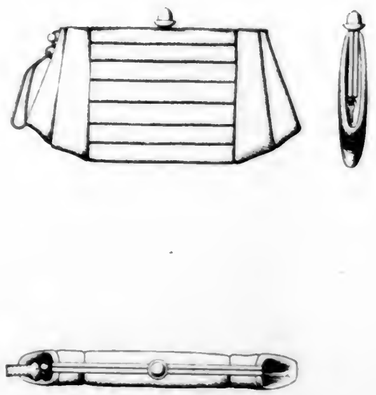
The ornamental design for a dish or similar article, as shown.

101,862
DESIGN FOR A FOOT EXERCISING FOOTREST
Joseph Fehn, San Antonio, and Bernhard Schmidt, La Grange, Tex.
Application July 1, 1936, Serial No. 63,603
Term of patent 14 years



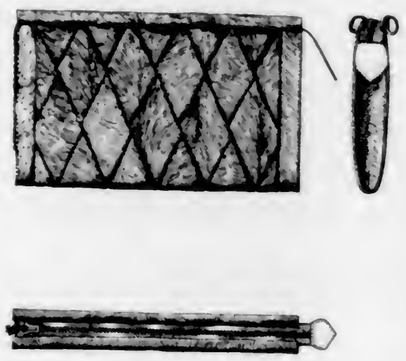
The ornamental design for a foot exercising footrest, as shown and described.

101,863
DESIGN FOR A LADY'S HANDBAG
Henri Felmann, Chicago, Ill., assignor to Morris, Mann & Reilly, Inc., Chicago, Ill., a corporation of Illinois
Application September 16, 1936, Serial No. 64,874
Term of patent 3½ years



The ornamental design for a lady's handbag, as shown.

101,864
DESIGN FOR A LADY'S HANDBAG
Henri Felmann, Chicago, Ill., assignor to Morris, Mann & Reilly, Inc., Chicago, Ill., a corporation of Illinois
Application September 17, 1936, Serial No. 64,905
Term of patent 3½ years



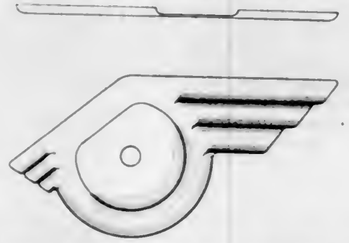
The ornamental design for a lady's handbag, as shown.

101,865
DESIGN FOR A CUP
Brooks D. Fuerst, Toledo, Ohio, assignor to Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio
Application September 12, 1936, Serial No. 64,825
Term of patent 14 years



The ornamental design for a cup, substantially as shown.

101,866
DESIGN FOR A VEHICLE AXLE END PLATE
George W. Geromanos, Rahway, N. J.
Application July 6, 1936, Serial No. 63,671
Term of patent 7 years



The ornamental design for a vehicle axle end plate, as shown.

101,867
DESIGN FOR A SHOE
Dave Gilbert, New York, N. Y.
Application October 10, 1936, Serial No. 65,243
Term of patent 3½ years



The ornamental design for a shoe, substantially as shown.

101,868
DESIGN FOR A LAMP
Abe Gobstein, Bronx, N. Y.
Application November 27, 1935, Serial No. 59,801
Term of patent 3½ years



The ornamental design for a lamp, substantially as shown and described.

101,869
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Jacques Heim, Paris, France
Application October 20, 1936, Serial No. 65,377
Term of patent 3½ years



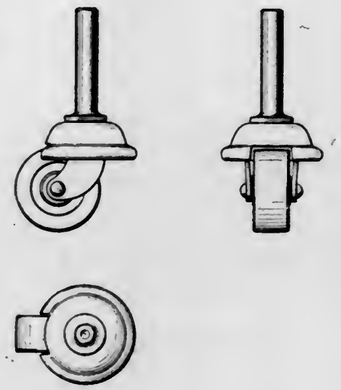
The ornamental design for a textile fabric or similar article, substantially as shown.

101,870
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Jacques Heim, Paris, France
Application October 20, 1936, Serial No. 65,379
Term of patent 3½ years



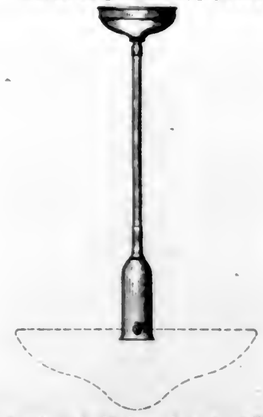
The ornamental design for a textile fabric or similar article, substantially as shown.

101,871
DESIGN FOR A CASTER
Walter F. Herold, Bridgeport, Conn., assignor to The Bassick Company, Bridgeport, Conn., a corporation of Connecticut
Application August 3, 1935, Serial No. 57,927
Term of patent 14 years



The ornamental design for a caster, as shown.

101,872
DESIGN FOR A CEILING LIGHTING FIXTURE
Gordon B. Huribut, Watertown, Conn., assignor to The Plume & Atwood Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application June 12, 1936, Serial No. 63,255
Term of patent 3½ years



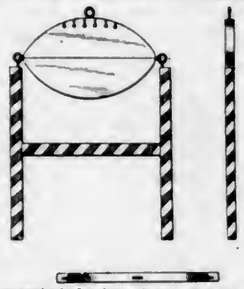
The ornamental design for a ceiling lighting fixture as shown and described.

101,873
DESIGN FOR A SHOE
Alphons Hurzeler, New Rochelle, N. Y.
Application September 30, 1936, Serial No. 65,075
Term of patent 3½ years



The ornamental design for a shoe, substantially as shown.

101,874
DESIGN FOR A TIE RACK
Morris H. Jeffries, Ranger, Tex.
Application September 9, 1936, Serial No. 64,784
Term of patent 14 years



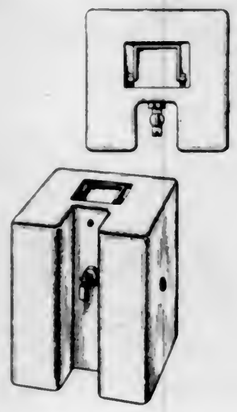
The ornamental design for a tie rack, as shown.

101,875
DESIGN FOR A BRASSIÈRE OR SIMILAR ARTICLE
George A. Kaufmann, Essex Fells, N. J.
Application July 21, 1936, Serial No. 63,967
Term of patent 7 years



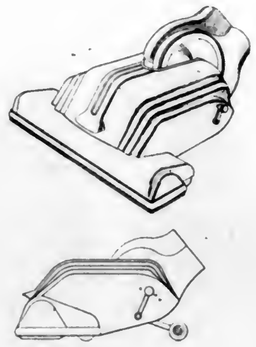
The ornamental design for a brassière or similar article, as shown.

101,876
DESIGN FOR A LIQUID DISPENSING CONTAINER OR THE LIKE
George J. Lalinsky, Detroit, Mich.
Application August 27, 1936, Serial No. 64,593
Term of patent 14 years



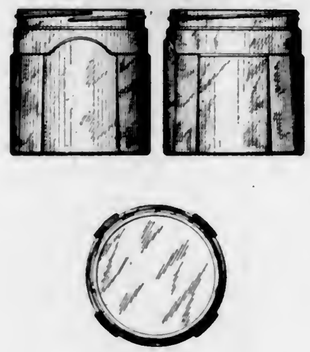
The ornamental design for a liquid dispensing container or the like as shown.

101,877
DESIGN FOR A VACUUM CLEANER
Lynn H. Latta, Toledo, Ohio, assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio, a corporation of Delaware
Application July 10, 1936, Serial No. 63,766
Term of patent 14 years



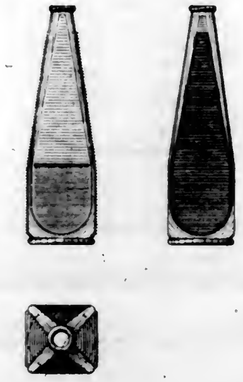
The ornamental design for a vacuum cleaner, as shown.

101,878
DESIGN FOR A CREAM JAR
Frank McLaughlin, Chicago, Ill., assignor to Carr-Lowrey Glass Co., Baltimore, Md.
Application September 19, 1936, Serial No. 64,928
Term of patent 14 years



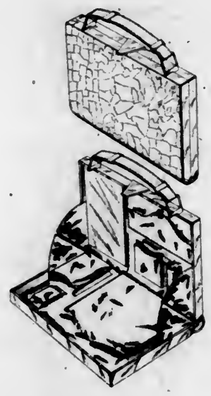
The ornamental design for a cream jar, as shown.

101,879
DESIGN FOR A BOTTLE OR SIMILAR CONTAINER
Louis A. Leppke, Omaha, Nebr.
Application September 18, 1936, Serial No. 64,912
Term of patent 14 years



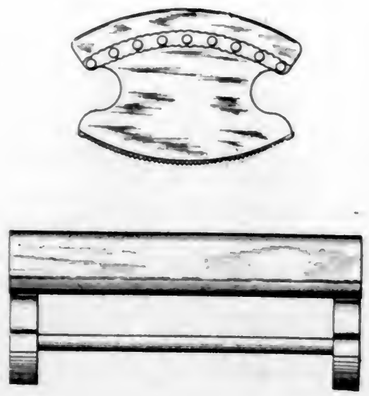
The ornamental design for a bottle or similar container, substantially as shown.

101,880
DESIGN FOR A HANDBAG
Florence N. Lewis, New York, N. Y.
Application August 4, 1936, Serial No. 64,231
Term of patent 7 years



The ornamental design for a handbag, as shown.

101,881
DESIGN FOR A FOOT STOOL
Hugh J. McKane, Kingston, Pa.
Application August 13, 1936, Serial No. 64,396
Term of patent 7 years



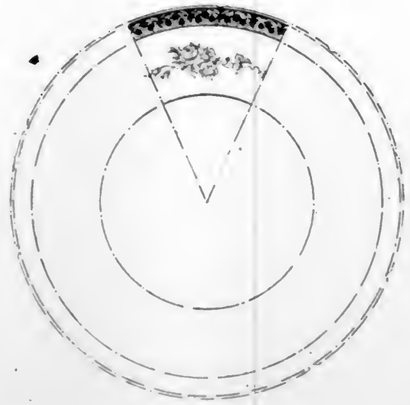
The ornamental design for a foot stool, as shown.

101,882
DESIGN FOR A SMOKER'S UTENSIL
Ross C. Muzzo, Toledo, Ohio
Application July 27, 1936, Serial No. 64,084
Term of patent 14 years



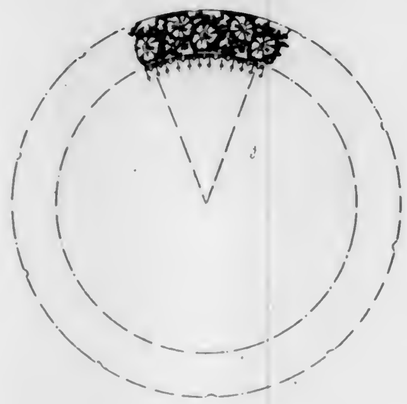
The ornamental design for a smoker's utensil, substantially as shown and described.

101,883
DESIGN FOR A PLATE
John L. Pasmantier, New York, N. Y.
Application September 25, 1936, Serial No. 65,015
Term of patent 3½ years



The ornamental design for a plate, as shown and described.

101,884
DESIGN FOR A PLATE
John L. Pasmantier, New York, N. Y.
Application September 25, 1936, Serial No. 65,016
Term of patent 3½ years



The ornamental design for a plate, as shown and described.

101,885
DESIGN FOR A ROAD MARKER FOR PUBLIC HIGHWAYS
Vincent Pellicone, Hollywood, Calif.
Application August 1, 1936, Serial No. 64,236
Term of patent 14 years



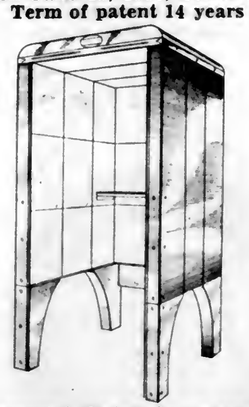
The ornamental design for a road marker for public highways substantially as shown.

101,886
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Andre Perugia, Paris, France
Application September 22, 1936, Serial No. 64,951
Term of patent 3½ years



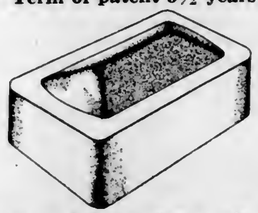
The ornamental design for a shoe or similar article, substantially as shown and described.

101,887
DESIGN FOR A COMMUNICATION BOOTH
Benjamin S. Reynolds, Madison, Wis., assignor to Burgess Battery Company, Madison, Wis., a corporation of Wisconsin
Application June 12, 1936, Serial No. 63,253
Term of patent 14 years



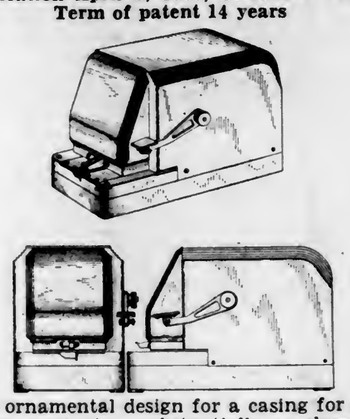
The ornamental design for a communication booth, as shown.

101,888
DESIGN FOR A CAKE OF SOAP
Samuel Ringold, Los Angeles, Calif.
Application August 19, 1935, Serial No. 58,201
Term of patent 3½ years



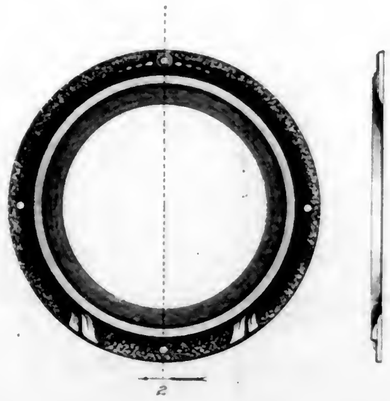
The ornamental design for a cake of soap, as shown and described.

101,889
DESIGN FOR A CASING FOR A PERFORATING APPARATUS
Edward G. Rix, Chicago, Ill., assignor to American Perforator Company, Chicago, Ill., a corporation of Illinois
Application April 8, 1936, Serial No. 62,009
Term of patent 14 years



The ornamental design for a casing for a perforating apparatus, substantially as shown.

101,890
DESIGN FOR A RADIO DIAL ESCUTCHEON PLATE
William E. Salyards, Jr., Highland Park, Ill., assignor to Crowe Name Plate & Manufacturing Co., Chicago, Ill., a corporation of Illinois
Application September 18, 1936, Serial No. 64,921
Term of patent 3½ years



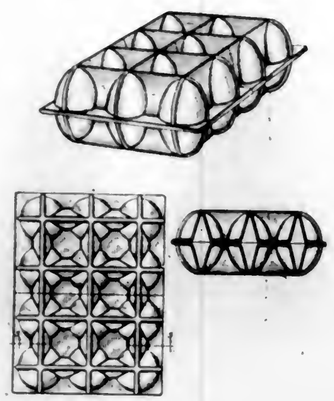
The ornamental design for a radio dial escutcheon plate, as shown.

101,891
DESIGN FOR A COAT
Louis Schneider, New York, N. Y.
Application October 13, 1936, Serial No. 65,279
Term of patent 3½ years



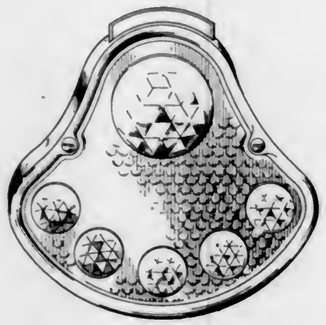
The ornamental design for a coat, substantially as shown.

101,892
DESIGN FOR AN EGG CARTON
Samuel L. Seltzer, Chicago, Ill.
Application August 12, 1936, Serial No. 64,372
Term of patent 14 years



The ornamental design for an egg carton, substantially as shown.

101,893
DESIGN FOR AN AUTOMOTIVE WIGWAG STOP SIGNAL
William E. Signor, Gettysburg, Pa.
Application August 14, 1935, Serial No. 58,118
Term of patent 3½ years



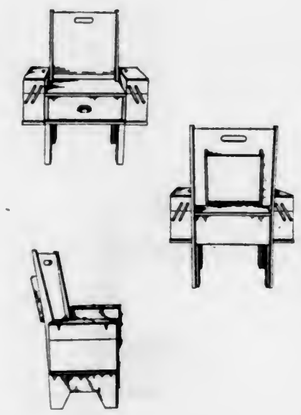
The ornamental design for an automotive wigwag stop signal, as shown and described.

101,894
DESIGN FOR A DRESS ENSEMBLE
William G. Steinman, New York, N. Y.
Application September 29, 1936, Serial No. 65,055
Term of patent 3½ years



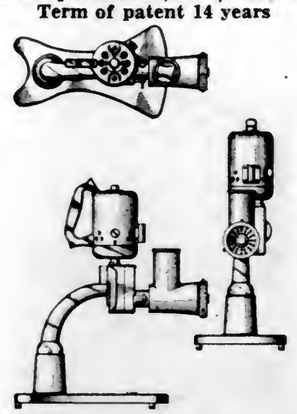
The ornamental design for a dress ensemble, substantially as shown and described.

101,895
DESIGN FOR A CHAIR
Guy Stoddard, Twin Falls, Idaho
Application September 25, 1936, Serial No. 65,004
Term of patent 14 years



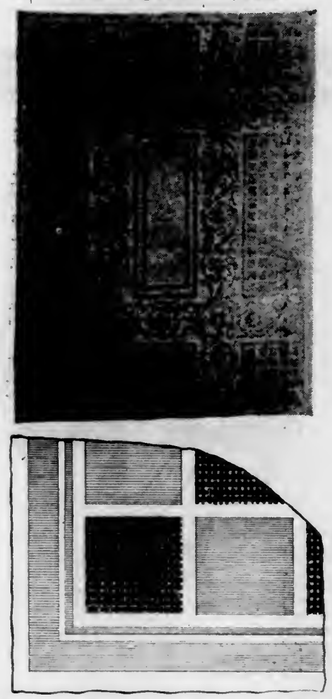
The ornamental design for a chair, as shown.

101,896
DESIGN FOR AN ELECTRIC FOOD CHOPPER OR SIMILAR ARTICLE
Hermann M. Alfred Strauss, Chicago, Ill., assignor to A. F. Dormeyer Mfg. Co., Chicago, Ill., a corporation of Illinois
Application September 11, 1936, Serial No. 64,810
Term of patent 14 years



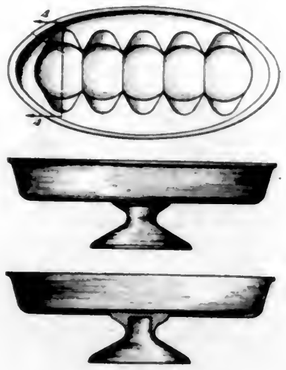
The ornamental design for an electric food chopper or similar article as shown.

101,897
DESIGN FOR TABLE CLOTH OR SIMILAR ARTICLE
Francis J. Tausend, New York, N. Y.
Application July 18, 1936, Serial No. 63,916
Term of patent 7 years



The ornamental design for table cloth or similar article substantially as shown and described.

101,898
DESIGN FOR A COMBINATION FOOD-SERVING DISH
Benjamin F. Taylor, Pontiac, Mich.
Application February 15, 1936, Serial No. 61,181
Term of patent 7 years



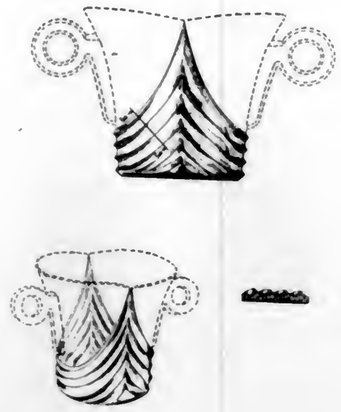
The ornamental design for a combination food serving dish as shown.

101,899
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Seymour Troy, New York, N. Y.
Application September 2, 1936, Serial No. 64,697
Term of patent 3½ years



The ornamental design for a shoe or similar article, substantially as shown and described.

101,900
DESIGN FOR A GLASS SUGAR BOWL OR SIMILAR ARTICLE
Walter von Nessen, New York, N. Y.
Application July 29, 1936, Serial No. 64,119
Term of patent 14 years



The ornamental design for a glass sugar bowl or similar article substantially as shown and described.

101,901
DESIGN FOR AN ATOMIZER CASE
Frederic A. Vuillemenot, Toledo, Ohio
Application September 2, 1936, Serial No. 64,690
Term of patent 7 years



The ornamental design for an atomizer case, substantially as shown.

101,902
DESIGN FOR AN ATOMIZER
Frederic A. Vuillemenot, Toledo, Ohio
Application September 8, 1936, Serial No. 64,751
Term of patent 7 years



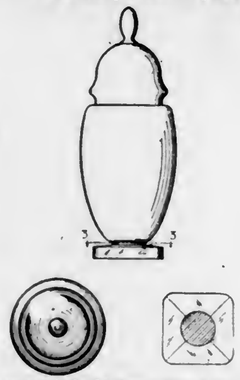
The ornamental design for an atomizer substantially as shown.

101,903
DESIGN FOR AN ATOMIZER
Frederic A. Vuillemenot, Toledo, Ohio
Application September 8, 1936, Serial No. 64,752
Term of patent 7 years



The ornamental design for an atomizer, substantially as shown and described.

101,904
DESIGN FOR AN ATOMIZER CASE
Frederic A. Vuillemenot, Toledo, Ohio
Application September 18, 1936, Serial No. 64,919
Term of patent 7 years



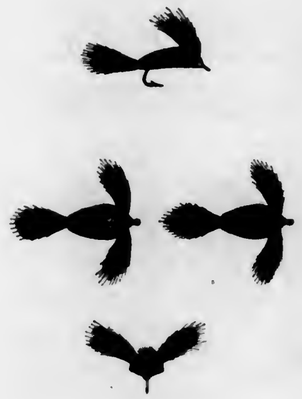
The ornamental design for an atomizer case, substantially as shown.

101,905
DESIGN FOR EMBROIDERED NET
Anton Walter, New York, N. Y.
Application October 17, 1936, Serial No. 65,331
Term of patent 3½ years



The ornamental design for embroidered net, substantially as shown and described.

101,906
DESIGN FOR AN ARTIFICIAL BAIT
Harry R. Weaver, Wilkes-Barre, Pa.
Application September 17, 1935, Serial No. 58,602
Term of patent 14 years



The ornamental design for an artificial bait as shown.

101,907
DESIGN FOR A SHOE
Seymour Weisman, Brooklyn, N. Y., assignor to Ansonia De Luxe Shops, Inc., New York, N. Y.
Application October 7, 1936, Serial No. 65,198
Term of patent 3½ years



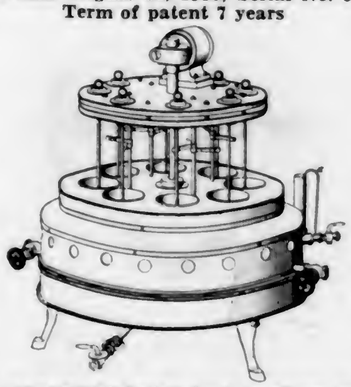
The ornamental design for a shoe substantially as shown.

101,908
DESIGN FOR A BADGE
Myrtle Weldon and Ida C. Hagman, Lexington, Ky.
Application August 10, 1936, Serial No. 64,339
Term of patent 7 years



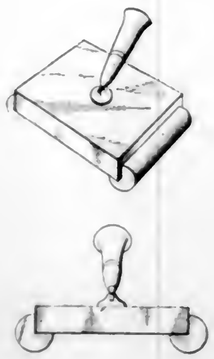
The ornamental design for a badge, as shown.

101,909
DESIGN FOR A MASHING APPARATUS OR SIMILAR ARTICLE
Harold K. White, George A. Stephen, and Louis Ehrenfeld, Chicago, Ill., assignors to Weber Bros. Metal Works, Chicago, Ill., a corporation of Illinois
Application August 24, 1936, Serial No. 64,538
Term of patent 7 years



The ornamental design for a mashing apparatus or a similar article, as shown and described.

101,910
DESIGN FOR A FOUNTAIN PEN HOLDER DESK UNIT
David Williams, Beverly Hills, Calif., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa, a corporation of Delaware
Application May 13, 1935, Serial No. 56,797
Term of patent 3½ years



The ornamental design for a fountain pen holder desk unit, substantially as shown and described.

101,911
DESIGN FOR A COAT
Harry Zuckerman, New York, N. Y.
Application October 2, 1936, Serial No. 65,129
Term of patent 3½ years



The ornamental design for a coat, substantially as shown.

101,912
DESIGN FOR A COAT
Harry Zuckerman, New York, N. Y.
Application October 2, 1936, Serial No. 65,130
Term of patent 3½ years



The ornamental design for a coat, substantially as shown.

101,913
DESIGN FOR A COAT
Harry Zuckerman, New York, N. Y.
Application October 2, 1936, Serial No. 65,132
Term of patent 3½ years



The ornamental design for a coat, substantially as shown.

101,914
DESIGN FOR A COAT
Harry Zuckerman, New York, N. Y.
Application October 2, 1936, Serial No. 65,133
Term of patent 3½ years



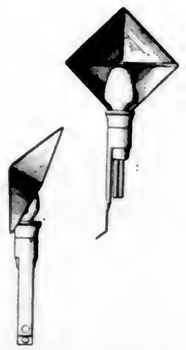
The ornamental design for a coat, substantially as shown.

101,915
DESIGN FOR A COAT
Harry Zuckerman, New York, N. Y.
Application October 2, 1936, Serial No. 65,134
Term of patent 3½ years



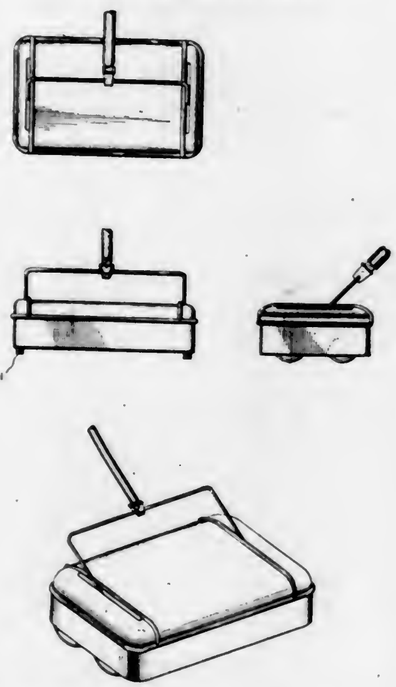
The ornamental design for a coat substantially as shown.

101,916
DESIGN FOR A LIGHTING FIXTURE FOR TYPEWRITERS
Edward L. Brown, New York, N. Y.
Application March 24, 1936, Serial No. 61,761
Term of patent 3½ years



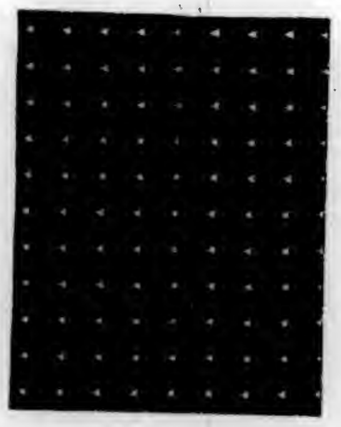
The ornamental design for a lighting fixture for typewriters, as shown.

101,917
DESIGN FOR A CARPET SWEEPER
Abraham Fineberg, Detroit, Mich.
Application August 10, 1936, Serial No. 64,335
Term of patent 3½ years



The ornamental design for a carpet sweeper, substantially as shown and described.

101,918
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Jacques Heim, Paris, France
Application October 20, 1936, Serial No. 65,378
Term of patent 3½ years



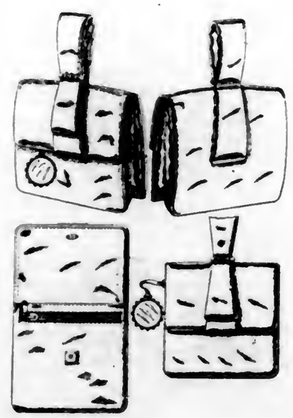
The ornamental design for a textile fabric or similar article, substantially as shown.

101,919
DESIGN FOR A BOTTLE
Walter R. Leach, Baltimore, Md., assignor to Carr-Lowrey Glass Co., Baltimore, Md.
Application March 29, 1935, Serial No. 56,106
Term of patent 14 years



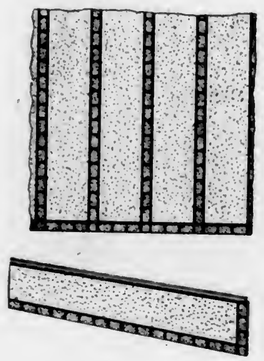
The ornamental design for a bottle, as shown.

101,920
DESIGN FOR A HANDBAG
Florence N. Lewis, New York, N. Y.
Application September 15, 1936, Serial No. 64,861
Term of patent 7 years



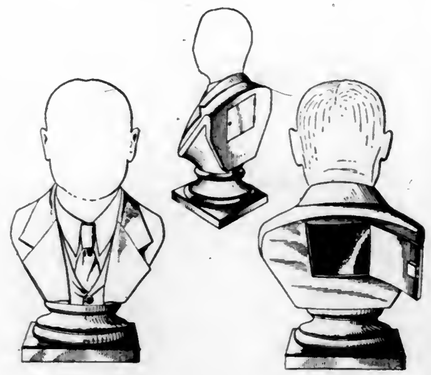
The ornamental design for a handbag, as shown and described.

101,921
DESIGN FOR A BUILDING SIDING
Robert S. Maclean, South Bend, Ind., assignor to Mastic Asphalt Corporation, South Bend, Ind., a corporation of Indiana
Application August 17, 1936, Serial No. 64,439
Term of patent 14 years



The ornamental design for a building siding substantially as shown.

101,922
DESIGN FOR AN URN
Filomeno Palladino, Newark, N. J.
Application March 28, 1935, Serial No. 56,096
Term of patent 7 years



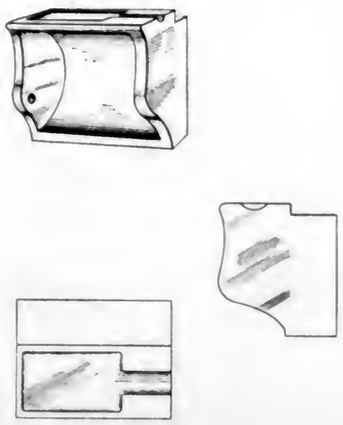
The ornamental design of an urn, as shown and described.

101,923
DESIGN FOR A COMBINATION CORSAGE HANDKERCHIEF AND PERFUME CONTAINER
Charles J. Romer, New York, N. Y.
Application September 25, 1936, Serial No. 65,008
Term of patent 3½ years



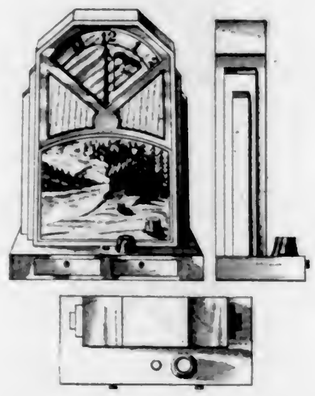
The ornamental design for a combination corsage handkerchief and perfume container, substantially as shown, and described.

101,924
DESIGN FOR A COMBINED TOILET PAPER HOLDER AND ASH RECEIVER
James R. Smith, Sr., Trenton, N. J., assignor to New Jersey Porcelain Company, Trenton, N. J., a corporation of New Jersey
Application June 26, 1936, Serial No. 63,505
Term of patent 14 years



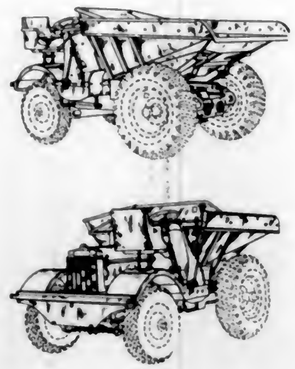
The ornamental design for a combined toilet paper holder and ash receiver as shown.

101,925
DESIGN FOR A RADIO LIGHT CLOCK
Mark M. Thompson, Sr., Atlantic, Iowa
Application May 9, 1936, Serial No. 62,563
Term of patent 7 years



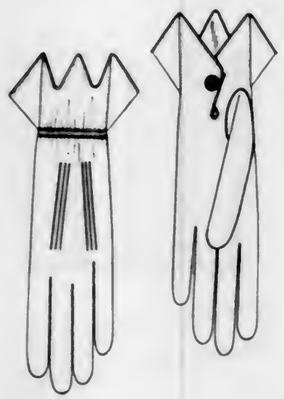
The ornamental design for a radio light clock as shown and described.

101,926
DESIGN FOR A DUMPING VEHICLE
Emil L. Tranaas, Milwaukee, Wis., assignor to Koehring Company, Milwaukee, Wis., a corporation
Application August 24, 1936, Serial No. 64,557
Term of patent 14 years



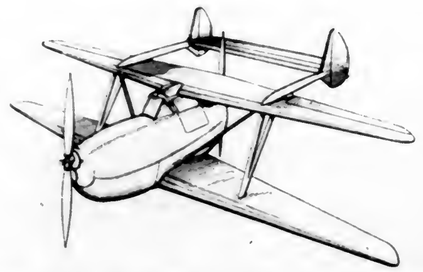
The ornamental design for a dumping vehicle as shown.

101,927
DESIGN FOR A GLOVE
Evelyn Webster, Gloversville, N. Y.
Application October 19, 1936, Serial No. 65,355
Term of patent 3½ years

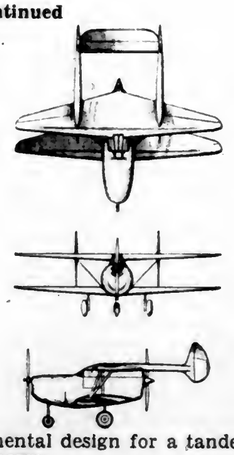


The ornamental design for a glove, substantially as shown.

101,928
DESIGN FOR A TANDEM MOTORED BIPLANE
Roscoe C. Wilson, Fairfield, Ohio, and Oscar A. Swanson, Santa Monica, Calif.
Application July 24, 1936, Serial No. 64,034
Term of patent 3½ years



101,928—Continued



The ornamental design for a tandem motored biplane, as shown.

CARNEGIE LIBRARY OF ATLANTA

Patents Nos. 2,060,781 to 2,061,541

THE

OFFICIAL GAZETTE

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November 17, 1936

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Labels	14—No.	48,390 to No.	48,403, inclusive.
Prints	5—No.	15,920 to No.	15,924, inclusive.
Reissues	8—No.	20,170 to No.	20,177, inclusive.
Plant Patents	4—No.	204 to No.	207, inclusive.
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Designs	94—No.	101,929 to No.	102,022, inclusive.
Total	1,172		

Adjudicated Patents

(D. C. Mass.) Murphy patent, No. 1,378,604, for condensation-preventing device, claims 1 and 2. *Held* invalid. *Holzhauer Products Corporation* v. *Zaiger*, 15 F. Supp. 1006.

(C. C. A. N. Y.) Respess patent, No. 1,411,376, for process of making a leather substitute, claims 1 and 2, *Held* invalid. *Respro, Inc.*, v. *Star Backing Co.*, 85 F.(2d) 508.

(D. C. Del.) Newkirk patent, No. 1,471,347, for method of making grape sugar, claims 13, 14, 16, 21, and 24, *Held* valid and infringed. *International Patents Development Co.* v. *Penick & Ford*, 15 F. Supp. 1038.

(C. C. A. Ill.) Wahl patent, No. 1,487,189, for clipper, claim 2, *Held* valid and infringed. *Brown & Sharpe Co.* v. *Wahl*, 85 F.(2d) 458.

(D. C. Del.) Newkirk patent, No. 1,508,569, for grape sugar, claims 3 and 4, *Held* valid and infringed. *International Patents Development Co.* v. *Penick & Ford*, 15 F. Supp. 1038.

(D. C. Del.) Newkirk patent, No. 1,521,830, for manufacture of dextrose, claims 4, 10, 15, 17, 19, 20, and 29, *Held* valid and infringed. *Id.*

(C. C. A. Del.) Dyer patent, No. 1,570,297, for art of recording and reproducing sounds, claims 4, 5, 6, and 8 *Held* not infringed. *Dyer* v. *Sound Studios of New York*, 85 F.(2d) 431.

(C. C. A. N. Y.) Ruben patent, No. 1,710,073, for electrical condenser, claims 2, 5 to 8 *Held* not infringed. *Ruben Condenser Co.* v. *Copeland Refrigerator Corporation*, 85 F.(2d) 537.

(C. C. A. N. Y.) Ruben patent, No. 1,714,191, for electrical condenser, claims 4 to 7 *Held* not infringed. *Id.*

(D. C. Mass.) Holzhauer patent, No. 1,721,663, for heating attachment for windshields, claims 4, 5, 6 and 7 *Held* invalid. *Holzhauer Products Corporation* v. *Zaiger*, 15 F. Supp. 1006.

(C. C. A. Del.) Dyer patent, No. 1,726,546, for apparatus for making phonograph records, *Held* invalid. *Dyer* v. *Sound Studios of New York*, 12 F. Supp. 506.

(D. C. Mass.) Cohen patent, No. 1,754,669, for heater, *Held* invalid. *Casco Products Corporation* v. *Zaiger*, 15 F. Supp. 1014.

(C. C. A. Del.) Dyer patent, No. 1,783,498, for method of making phonograph records, *Held* invalid. *Dyer* v. *Sound Studios of New York*, 85 F.(2d) 431.

(C. C. A. Minn.) Adler patent, No. 1,843,748, for antiwashout device for roadways, claims 1, 2, 3, and 8 *Held* valid and infringed. *Tyra* v. *Adler*, 85 F.(2d) 548.

(D. C. Mass.) Steinman reissue patent, No. 17,821, for antifrost device for windows, claims 2 and 3 *Held* invalid. *Holzhauer Products Corporation* v. *Zaiger*, 15 F. Supp. 1006.

Notice of Cancellation

U. S. Patent Office, *Washington, Nov. 3, 1936.*

Jean Gray, her assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Dorothy Gray Salons, 192 Bloomfield Avenue, Bloomfield, New Jersey, to effect the cancellation of trade-mark registration No. 302,448, issued April 18, 1933, to Jean Gray, 1106 New York Avenue, N. W., Washington, D. C., and a notice of such proceeding sent by registered mail to said Jean Gray at said address having been returned by the post office as undeliverable, notice is hereby given that unless said Jean Gray, her assigns or legal representatives, shall enter an appearance within thirty days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Condition of Applications Under Examination at Close of Business October 31, 1936

(Total number of applications awaiting action, excluding Trade-Mark Division, 35,491; Trade-Mark Division, 1,672. Oldest new case, May 2, 1936; oldest amended, May 5, 1936.)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. LOEFFLER, F. A., Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Aug. 10	Aug. 13	309
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco, Velocipedes; Butchering; Bee Culture.	June 11	June 10	1,040
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces.	Aug. 7	Aug. 7	415
7083	4. DONNELLY, A. E. (Act.), Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffords; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	June 20	June 25	569
3077	5. MACNAB, J. F., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons, Etc.			
4898 C	6. LEWERS, A. M., Carbon Chemistry (part)	Aug. 1	July 31	468
5725	7. JARBOE, C. G., Optics; Photography	July 21	July 21	742
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Aug. 3	Aug. 3	727
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Aug. 20	Aug. 7	494
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops; Vehicle Fenders	Aug. 22	Aug. 21	364
5087 B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Aug. 10	Aug. 11	310
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms	Aug. 6	Aug. 4	386
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Aug. 3	Aug. 3	379
5097	14. SMITH, O. A. (Act.), Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	Aug. 25	Aug. 25	391
4897	15. HENKIN, BENJ. (Act.), Glass; Plastic Block and Earthenware Apparatus; Plastics	July 10	July 10	596
5612	16. SPENCER, C. J., Telegraphy; Telephony	Aug. 5	Aug. 5	844
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	July 14	July 14	743
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Aug. 3	Aug. 5	574
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	July 7	July 8	467
6605	20. BROWN, L. M. (Act.), Miscellaneous Hardware; Closure Fasteners; Locks; Latches; Safes; Undertaking; Bread, Pastry, and Confection Making.	July 29	July 23	678
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	July 27	July 29	430
5724	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Aug. 1	Aug. 1	571
7624	23. BUTTNER, W. J. (Act.), Coin Handling; Recorders; Registers	Aug. 8	Aug. 8	567
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	May 2	May 5	547
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Aug. 10	Aug. 8	455
5893	26. ADAMS, W. M., Electricity, Generation; Motive Power	July 27	July 25	517
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing or Smoothing.	Aug. 14	Aug. 13	325
4628	28. SOLYOM, H. L., Internal-Combustion Engines	June 24	June 26	791
5082	29. SHKLARIN, J. B., Woodworking; Tools; Compound Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Supports, Tables.	July 28	July 20	363
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Aug. 7	July 29	521
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	July 1	July 1	662
4086	32. ARMSTRONG, HOWARD M. (Act.), Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation; Agitating.	Aug. 10	Aug. 6	539
6096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads and Pavements.	Aug. 4	Aug. 11	462
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Aug. 3	July 28	788
3605	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Filling and Closing Portable Receptacles.	Aug. 5	Aug. 1	412
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	July 1	July 1	607
5886 B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	July 24	July 30	243
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stoneworking; Wells; Plastic Compositions.	July 20	July 20	588
4872	39. WHITNEY, F. I., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Aug. 10	Aug. 20	424
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Sept. 3	Sept. 3	261
6082	41. WHITNEY, M. L., Railway and Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes; Railway Draft Appliances; Spring Devices; Typewriting Machines.	June 27	June 27	1,101
5882	42. CUTTING, H. O., Electric Signaling	July 23	July 24	442
4886 B	43. KLINGE, E. F., Medicines, Poisons and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	July 20	July 6	434
4067 B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	July 31	July 31	634
7097	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling.	July 31	July 13	617
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Aug. 3	Aug. 3	311
7600	47. BARKER, H., Clutches; Brakes	July 28	July 28	554
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	Aug. 5	Aug. 4	516
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	July 31	July 31	551
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Aug. 6	Aug. 8	453
5628	51. BACKUS, C. D., Radiant Energy	Aug. 1	Aug. 1	569
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Aug. 5	Aug. 5	620
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Aug. 15	Aug. 20	467
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	July 6	July 8	868
6887	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	July 31	Aug. 4	362
4725	56. CHANDLER, G. V. (Act.), Electrochemistry; Laminated Fabrics; Paper Making, Substance Preparation.	June 17	June 17	700
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys; Exercising Devices.	July 31	July 31	820
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	Aug. 6	July 14	324
4709	59. SHEPARD, F. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part).	July 24	July 21	367
5896	60. GLASS, R. L., Electricity, Heating, and Welding; Batteries; Resistances and Rheostats; Prime-Mover Dynamo Plants.	Aug. 5	Aug. 7	483
6724	61. PARKS, G. E., Laminated Electrical Insulation, Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	July 7	July 7	565
3876	62. PUGH, E. C., Games; Geometrical Instruments	Aug. 1	Aug. 5	296
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Sterilizing; Chemistry, Fermentation.	July 28	July 28	520
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Aug. 4	Aug. 4	374
5624	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Aug. 6	Aug. 11	705
2099 B	Trade-Marks, Labels, and Prints: F. A. RICHMOND	May 27	May 26	781
	Trade-Marks	Oct. 1	Oct. 17	1,380
	Labels and Prints	Oct. 1	Oct. 17	292
2605	Designs, H. H. KALUPY	Oct. 3	Oct. 15	428

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE FRIEDLI

No. 3,662. Decided June 8, 1936

[83 F.(2d) 930]

PATENTABILITY—CUTTING TOOL APPLIANCE.

A claim for a cutting tool appliance *Held* unpatentable over the prior art.

APPEAL from the Patent Office. Affirmed.

Mr. Curt B. Muller for Friedli.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

GRAHAM, *P. J.*:

This is an appeal from the decision of the Board of Appeals of the United States Patent Office. The appellant presented his application to the said office for a patent on certain claimed improvements in "cutting tool appliance." As presented, the application contained several claims. In the Examiner's statement it appears that claims 3, 5, and 8 to 12, inclusive, were the only claims remaining in the case at the time of the rejection of the same by the Examiner. They were rejected by him on the following references: Peterson, 1,352,688, September 14, 1920; Ericson, 1,733,657, October 29, 1929; Larson, 1,344,411, June 22, 1920; Miller, 1,664,083, March 27, 1928.

The Board of Appeals affirmed the decision of the Examiner, and rendered an additional decision, after request for reconsideration.

On April 30, 1935, the final decision of the Board of Appeals was rendered. On May 9, 1935, the attorney for the appellant made a motion for an amendment, by which it was sought to cancel claims 3, 5, 8, 9, 10, and 12, and to amend the language of claim 11, the only remaining claim. It does not appear in the record that any proceedings were had in the Patent Office under rules 68, 139, or 140 of the Patent Office. Rule 68 provides that after appeal has been taken, amendments cancelling claims or presenting those rejected in better form for consideration on appeal may be admitted, and that amendments touching the merits of the application may be admitted upon a duly verified showing of good and sufficient reason why they were not earlier presented.

Rule 140 provides that if a case has been decided by the Board of Appeals, it will not be reopened except under the provisions of rule 139, without the written authority of the Commissioner, and then only for the consideration of matters not already adjudicated, sufficient cause being shown.

Rule 139 provides that the Board of Appeals may reopen the case for amendment, if new grounds of rejection are set up in the decision of the Board of Appeals.

It is argued by the Solicitor for the Patent Office that the claim appearing in the record on the last page thereof, marked claim 11, and headed "Rejected Claim" is not the claim which was passed upon by the Board of Appeals. It appears that claim 11, as printed in the Examiner's statement, is not the same in verbiage as this so-called rejected claim. The rules of this court provide:

Rule XXVI. 3. In appeals in matters of application for patent, the transcript of the record shall contain, in addition to the other matters of record certified by the Patent Office, separately and at the end of the transcript, under the heading Rejected Claims, a true and correct copy of all rejected claims which are in issue in the appeal, in straight reading matter and without caret or other interlineations.

The transcript of record, as certified to this court by the United States Patent Office, under the hand and seal of the Commissioner of Patents, has attached to it, as provided by said rule XXVI, subdivision 3, the rejected claim which is printed in the transcript and which, as so printed, is as follows:

11. A cutting tool appliance comprising the combination of a body fashioned with a peripheral channel having a uniformly flat wall on the rear side thereof with reference to the intended direction of turning movement, a blade and a locking member having one pair of sides in contact with each other and together having a close mechanical fit in said channel with their other pair of sides in contact with opposed walls of said channel, the appositioned sides of said blade and locking member being fashioned with a row of correspondingly shaped projections and recesses and with the projections on each selectively occupying recesses in the other whereby to permit of insertible blade adjustment while always insuring a rigid backing therefor to be free from vibrational displacement in any chosen position of adjustment of blade and locking member and whereby further to realize a uniformly flat-surfaced area of conforming contact of the rear side of the blade against said body, to produce smooth cuts under heavy feed with lessened cost of manufacture.

Irrespective, therefore, of the fact that the record does not contain any showing that claim 11 was amended, we must presume that proper proceedings were had in the Patent Office by which the amendment was made, and that the claim printed as above is the claim which is now before this court for adjudication, or otherwise the same would not have been so certified.

The nature of appellant's alleged improvement is well explained by the Examiner in the following language:

Applicant's alleged improvement lies in an inserted blade cutter. As shown in Figure 1 of the drawing, the cutter has a body 1 with a blade receiving aperture therein having a bottom wall 2, a rear wall 3 and front wall 4. The cutter rotates in the direction of the arrow. The blade 6 is adapted to fit in the slot and the bottom 7 is adapted to rest on bottom 2 and the rear surface 8 abuts wall 3 of the aperture. The front surface 10 of the blade has serrations 11 thereon. These serrations interact with serrations 14 on a wedge 12 which is adapted to lock the blade in the aperture. The wedge has a flat surface 15 which abuts wall 4 of the aperture. The wedge tapers outwardly and serves to lock the blade in any adjusted position. The blade is adjusted outwardly by means of the serrations. Figures 4–6 merely show alternative means for locking the wedge member in position.

The Examiner rejected claim 11 which, in substance, was the same as amended claim 11 before us, together with others, on Peterson, in view of Ericson or Larson, and this decision was affirmed by the Board of Appeals. The patent to Peterson shows a milling tool with removable blades, which blades may be removed and sharpened, or new ones inserted. The individual blades are secured in place by keys which interlock with the tool holder. A

rear abutment is provided which supports each blade against recession in its holder, and there are means in various gradations of position of the blade as it is moved forward for regrinding and repeated use. The cutting blade is locked in position in the body by a wedge. The rear wall of the blade is flat and the cutting thrust on the blade forces it against a flat rear wall. The wedge of Peterson is placed in front of the blade, is of a tapering structure similar in shape to that of appellant, but has no serrated relation between the blade and wedge.

The patent to Larson shows a cutter with numerous blades in which the blades are placed in the cutter and held by serrated members placed in the same relationship as that of appellant. These wedges do not appear to be tapered as in the appellant's disclosure. However, the specification provides:

> • • • It will be obvious that rough adjustments of the cutter member 16 may be had by shifting the cutter member to advance it one serration or conversely to withdraw it one serration. • • •

The patent to Ericson shows a blade secured by a wedge for locking the blade in the cutter body. Serrations are placed between the wedge and body, the wedge and blade, and the blade and body, and may be used for adjusting the blade in any desired direction. The serrations are both longitudinal and transverse in the members of Ericson's device, while in Larson they are transverse.

It is argued that no one of the references shows all of the elements, but this is not necessary to support a holding of non-patentability. The appellant has picked from the prior art certain features which are thought by him to be advantageous and useful, and he has combined these to make what is probably an efficient and effective device. We are not convinced, however, that he has done anything that is inventive over the prior art, but has rather combined useful features from the prior art without obtaining any other result than would be obtained by the use of each of these features in its ordinary way.

In view of this, we must agree with the Board of Appeals in its affirmance of the decision of the Examiner. It seems quite obvious to the court that if an individual skilled in the art of making cutting tools had before him the Peterson, Larson, and Ericson devices, a combination of features of the same, such as has been perfected by the appellant, would not constitute invention, but would be simply the exercise of the skill of a mechanic.

The decision of the Board of Appeals is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

HAUSMAN *v.* HOCHMAN

No. 3,605. Decided June 1, 1936

[83 F.(2d) 703]

1. INTERFERENCE—ISSUE—CONSTRUCTION.
   Where certain language in a count of the issue of an interference is ambiguous and susceptible of more than one construction, that language must be construed in conformity with the meaning given it in the specification in which the count originated.
2. SAME—PRIORITY—RIGHT TO MAKE CLAIM.
   Record reviewed and *Held* that Hausman cannot make the claim constituting the issue of the interference and that priority was properly awarded to Hochman from whose patent the claim was taken.

APPEAL from the Patent Office. Affirmed.

Mr. George A. Prevost, Mr. G. Mallet Prevost, Mr. Burnham C. Stickney, and *Messrs. Prevost & Prevost* for Hausman.

Mr. Morris Hirsch for Hochman.

HATFIELD, *J.:*

This is an appeal in an interference proceeding from the decision of the Board of Appeals of the United States Patent Office reversing the decision of the Examiner of Interferences awarding priority of invention to appellant.

The interference is between appellant's application filed June 16, 1930, which is a renewal of his application Serial No. 118,740, filed June 26, 1926, and appellee's Patent No. 1,826,074, in which the count originated, issued October 6, 1931, on an application filed November 8, 1930.

The count reads:

> In a typewriting machine having a platen and a primary ribbon mechanism, an auxiliary ribbon device associated with the platen and having a ribbon element in back of the primary ribbon, said device including a carrying frame for said auxiliary ribbon, and stop means coordinating said frame relative to the machine structure to permit of a limited range of positioning of the frame with its ribbon peripherally of the platen.

The invention relates to an improvement in typewriters, and, for the purpose of this decision, is sufficiently described in the quoted count.

Counsel for appellee moved to dissolve the interference on the ground that appellant had no right to make the claim constituting the count in issue.

The motion was denied by the Examiner of Interferences.

Due to the fact that the date alleged in appellee's preliminary statement for conception was subsequent to the filing date of appellant's application, priority of invention was awarded by the Examiner of Interferences to appellant.

In his decision holding that appellant could make the claim constituting the count in issue, the Examiner said:

> No difficulty is found in reading the present count upon the disclosure of Hausman's application in interference when the broad terms thereof are in accordance with established practice, broadly construed. As particularly shown by Fig. 5 of the Hausman drawings, the auxiliary ribbon 38 is positioned in printing position in front of platen 12 and hence it and its frame are associated with said platen. Said frame, 35, upon which this ribbon is strung is by the stop means shown in Figs. 8, 9, and 10 coordinated relative to, which is to say, adjusted for action with the general typewriter structure, so that the ribbon and frame may be positioned in an upper and a lower printing position, and thus within a limited range. Since Hochman, in his patent, defines the term "peripherally" as —up and down—, it is plain that this term describes the positioning of the Hausman ribbon 38 and its carrying frame as shown in Fig. 8. It is held that Hausman can make the present count.

In its decision reversing the decision of the Examiner, and holding that appellant could not make the claim constituting the count in issue, the Board of Appeals said:

> The contention that Hausman has no right to make the count is treated by Hochman under four distinct heads, designated A, B, C and D. A and D appear, however, to be substantially the same. Under A it is urged that, inasmuch as Hausman's ribbon supporting frame moves in a straight line generally tangential to the surface of the platen which is in cylindrical form, it cannot be properly said that its movement is peripheral, as required by the count. The Examiner of Interferences in deciding that Hausman was entitled to make the claim says that Hochman in his patent defines the term "peripherally" as —up and down—. On page 4 of the Hochman specification he says:
>
> "Another feature is the loose mount by simple superposition of the frame upon the platen, to assure limited shift either longitudinally of the platen or up and down in direction peripherally of the platen or both."
>
> On page 7 reference is made to "displacement of the frame in a peripheral or up-and-down direction." On page 9 reference is made to shifting "peripherally of the platen or up and down between the limits imposed by the sides of notches 31". While the language used is alternative in form, it does not seem to us that the expression "up and down" may be treated as a definition of the meaning of "peripheral" so long as the actual movement given the ribbon holder is aptly described as peripheral and the movement up and down only approximate. Obviously, in the peripheral shifting of the carrier the ribbon does move to different levels. In a broad and general sense this is an up-and-down movement, although brought about by a strictly peripheral movement. It might be urged that an up-and-down movement is an equivalent of the peripheral movement set forth in the count but in determining the right of a party to make claims, the actual language must be considered and not the question of equivalents. We fully appreciate the general rule that the language used in a count should be given the broadest reasonable interpretation. This rule is always subject to the qualification that apt terms chosen by a patentee to define his structure should not be ignored to his detriment. It seems to us that the term peripherally is an apt and definite term as applied to the structure of Hochman that it cannot be construed to mean a tangential movement in an up-and-down direction and that, unless so construed, the language will not read upon Hausman.

It is contended by counsel for appellant that the Board in its decision considered the involved count as though it called "for a peripheral *movement* of the auxiliary ribbon with respect to the platen"; that the count does not call for such a movement, but, on the contrary, calls for "a limited range of positioning of the frame with its ribbon peripherally of the platen"; that as appellant's frame and ribbon occupy a position adjacent the platen and are capable of being shifted to different positions, they necessarily have a range of position peripherally of the platen; and that had appellee intended to cover a movement of his frame and ribbon peripherally of the platen, he should have included in the claim constituting the count in issue such a statement as a "limited range of *movement* of the frame with its ribbon *conforming to the periphery* of the platen."

Appellant does not contend, as indeed he could not, that his frame and ribbon are positioned so as to conform to the periphery of the platen. His contention is, however, that the count in issue does not contain any such limitation.

As will be observed, the last clause of the count in issue provides for "stop means coordinating said frame relative to the machine structure *to permit of a limited range of positioning of the frame with its ribbon peripherally of the platen.*" [Italics ours.]

Webster's New Standard Dictionary defines "periphery" as—

> 1. The line bounding a rounded surface; more generally, the external boundary or superficial parts of any body; the surface; loosely, the surrounding space. 2. *Geom.* The circumference or perimeter of a circle, ellipse, or other closed curvilinear figure; also, the perimeter of a polygonal figure.

[1] In view of the divergent views of the tribunals of the Patent Office and of counsel for the parties, when considered in the light of the definition of the word "periphery," it is evident that the language "peripherally of the platen" is ambiguous and susceptible of more than one construction. That being so, the construction to be placed upon it must be in conformity with the meaning given it in the specification in which the count originated. *Neumair* v. *Malocsay,* 22 C. C. P. A. (Patents) 1349, 77 F.(2d) 622, 461 O. G. 733, and cases cited.

[2] It is obvious from a consideration of appellee's patent specification, as stated in substance by the Board of Appeals, that the language "a limited range of positioning of the frame with its ribbon peripherally of the platen," contained in the count in issue, does not mean that appellee's frame and ribbon are positioned merely adjacent the periphery of the platen, but, on the contrary, the language "peripherally of the platen" means that they are so positioned as to conform to the periphery of the platen. There can be no other reasonable explanation of that language.

In view of the fact, therefore, that appellant's frame and ribbon are not positioned so as to conform to the periphery of the platen, he is not entitled to make the claim constituting the count in issue.

We are of opinion, therefore, that the Board of Appeals reached the right conclusion. Accordingly, its decision is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE LAWSON AND CLOUTIER

No. 3,640. Decided June 8, 1936

[83 F.(2d) 1001]

1. PATENTABILITY—CLAIMS BROADER THAN INVENTION.
   Even though appellants were the first to provide a means to accomplish a desired result *Held* not entitled to a patent which would include all means for accomplishing that result.
2. SAME—CIRCULAR TYPE HOSIERY KNITTING MACHINES.
   Claims for a circular type hosiery knitting machine *Held* unpatentable.

APPEAL from the Patent Office. Affirmed.

Mr. Roy F. Lovell for Lawson and Cloutier.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

HATFIELD, *J.:*

This is an appeal from the decision of the Board of Appeals of the United States Patent Office affirming the decision of the Primary Examiner rejecting claims 2, 12, and 15 to 29, inclusive, in appellants' application for a patent for an alleged invention relating to improvements in a circular type hosiery knitting machine, and particularly that part of the machine which controls radial movements of the sinkers. The sinkers which cooperate with the needles in drawing stitches, are, together with the needles, moved independently in so-called cooperating stitch forming waves.

In view of the conclusion we have reached, it is unnecessary to give a more detailed description of the alleged invention than that stated in the appealed claims, of which claim 2 is sufficiently illustrative. It reads:

> (2) A sinker cap for use in a circular knitting machine having sinkers therein and a substantially circular camway for the same except adjacent to the stitch forming portion

of the said camway, and means for yieldingly controlling the sinkers said means being effective throughout the circular portion of the camway only.

The references are: Paquette, 999,853, August 8, 1911; Scott, 1,345,408, July 6, 1920; Sheppard, 1,560,352, November 3, 1925; Kane, 1,589,290, June 15, 1926.

The Primary Examiner allowed but one claim—claim 3, which he stated was sufficient to fully protect appellants' contribution to the art.

On appeal, the Board of Appeals reversed the decision of the Primary Examiner as to claims 6 to 11, inclusive, 13, and 14, but rejected the claims here on appeal for the reasons stated in its decision, and hereinafter set forth.

Claim 6, which is illustrative of the claims allowed by the Board, reads:

(6) A sinker cap for use in circular machines of the independent needle type, cams therein for controlling the sinker movements so that stitches may be formed, and means for guiding the sinkers between successive stitch forming movements, said means including sectional cams urged forward or toward the needle circle, and maintaining the sinkers in a relatively forward position excepting where such sinkers are retracted and again advanced.

Due to the fact that there is some controversy between counsel as to the precise reasons for the rejection of the appealed claims, we deem it advisable to quote that portion of the Board's decision wherein the prior art is fully set forth, and the reasons for its conclusion are clearly stated:

This application relates to an improvement in the means for yieldingly urging the sinkers of circular knitting machines in the direction of the needles.

It was customary to employ a spring ring, such as shown at *S* in Sheppard, for this purpose but it has been found that it is not desirable for the sinkers to be urged in this manner while the stitch forming operation is occurring. This is particularly true in employing a machine such as shown in the Stewart patent, 1,602,786, October 12, 1926, where selected control of the sinkers is carried on. The fact that the usual spring ring cannot be employed with Stewart is referred to both in appellants' original specification and their brief.

In order to overcome this difficulty, appellants have made the outer portion of their sinker control groove sectional and movable whereby springs may be employed to yieldingly hold the sections against the sinker butts. By this arrangement a section may be omitted at the knitting point. None of the references either refers to the desirability of omitting the spring pressure on the sinker at the knitting point or discloses a sectional spring pressed sinker groove wall for urging the sinkers toward the needles.

Kane discloses two cams which press the sinkers during a part of the knitting operation but they do not extend around the groove to hold the sinkers pressed toward the needles during the time that knitting does not occur.

Paquette discloses certain movable portions of the sinker control but these portions do not extend around the entire circle and while the Paquette segments are pushed in by springs, it is not clear that the springs are of such a nature as to yield in the manner of the spring ring of Sheppard.

It is our opinion that the substitution of a sectional, movable groove wall, which will permit omitting of pressure at the knitting point, for the spring ring of Sheppard, was not obvious, and claims which are restricted to this specific construction and which also set forth definitely a means so constructed that the sinkers will be yieldingly pressed toward the needles, are allowable. Claims which are indefinite as to the direction of pressure on the sinkers or do not specify yielding pressure do not, in our opinion, define appellants' contribution.

There are, however, several claims involved in this appeal which are not limited to appellants' sectional construction, and above-copied claim 27 is representative of this group. These claims would cover all ways of overcoming the difficulties which flow from attempting to employ the usual spring ring of Sheppard with the selective sinker control of Stewart. We believe that to those skilled in the art it was obviously desirable to omit the pressure at the knitting point in Stewart while maintaining it throughout the remaining portion of the circuit and we are of opinion that appellants should not be entitled to cover all ways of accomplishing this obviously desirable improvement.

Any comments we have made as to the insufficiency of some claims are not to be construed as a recommendation that these claims may be amended. We think that eight claims should be ample to cover appellants' specific construction in addition to those already allowed.

It will be observed that the Board was of opinion that appellants' contribution to the art resided in the specific means, somewhat broadly stated in the allowed claims, by which appellants had solved an obvious problem, and that, as the appealed claims were sufficiently broad to cover every possible means of accomplishing the desired purpose, they were broader than appellants' invention.

Counsel for appellants contends that appellants are not attempting to cover

"all ways of maintaining the sinkers in a forward position but limit the claims to such means as will impose a spring pressure on the sinkers, except at or adjacent to the knitting point."

However, it is obvious that the appealed claims include all means for accomplishing the precise purpose to which they are directed, that is, the imposition of a spring pressure on the sinkers, "except at or adjacent to the knitting point."

[1] It may be, as argued by counsel for appellants, that appellants were the first to provide a means to accomplish the desired result. However, they are not, for that reason, entitled to a patent which would include all means for accomplishing such results. See *In re Malcom P. Ferguson*, 23 C. C. P. A. (Patents) —, 83 F.(2d) 693, Patent Appeal No. 3625, decided June 1, 1926, wherein we cited and quoted from the case of *Heidbrink et al.* v. *McKesson*, 290 Fed. 665.

[2] For the reasons stated, we deem it unnecessary to discuss the claims in detail.

The decision of the Board of Appeals is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

In re LAWSON

No. 3,641. Decided June 1, 1936

[83 F.(2d) 829]

1. APPEAL TO COURT OF CUSTOMS AND PATENT APPEALS—AFFIDAVITS NOT BEFORE PATENT OFFICE NOT CONSIDERED.

An affidavit filed in support of statements in appellant's brief as to alleged advantages of his machine and which was not before tribunals of Patent Office will not be considered by Court.

2. PATENTABILITY—MACHINES FOR MAKING STOCKINGS AND PROCESS OF MAKING THEM.

Claims for a machine for making stockings and claims for the process of making them *Held* unpatentable over the prior art.

APPEAL from the Patent Office. Affirmed.

Mr. Roy F. Lovell for Lawson.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

GARRETT, *J.*:

There is involved in this appeal from a decision of the Board of Appeals of the United States Patent Office twenty-four claims (appellant having withdrawn the appeal as to one claim) of an application for patent entitled, "Stockings, Machines for, and Methods of Making Same." As filed, the application included claims for the product—stockings—but these were divided out in response to a requirement for division. So, the claims before us cover only the method and the machine. They stand rejected upon prior art. No claims were allowed. Those upon appeal are numbered, respectively, 2 to 5, 7 to 9, 12 to 23, and 28 to 32.

Each of the claims is distinguished from the others by certain limitations expressed therein. Claims 2 and 18 seem fairly to illustrate the subject matter of the respective method and machine claims:

2. A method of knitting rib and plain fabric sections on one knitting machine, consisting in first, knitting rib fabric upon rib and plain needles and thereafter adding other plain needles to the plain needles first mentioned and at the same time continuing the rib wales as plain wales independent of the plain wales thereafter knit upon the plain needles.

18. In a knitting machine two sets of needles, a cam for moving one set of needles to take thread and knit, two cams for independently moving the other set of needles to take thread and knit, the cam for moving the first mentioned set of needles and one of the cams for moving the second mentioned set of needles to take thread and knit adapted to cooperate in the knitting of ribbed fabric, the cooperating cams for controlling the respective sets of needles adapted to knit at least one course of ribbed fabric, the cam for controlling the first set of needles adapted to continue to actuate needles to take thread and knit while the cooperating cam for controlling the other set of needles is rendered inactive and the other cam for controlling the needles second mentioned is rendered active so that the respective sets of needles may knit independent fabric sections.

From these claims it appears that the machine is equipped with a set of dial needles and a set of cooperating cylinder needles. The dial needle bed is arranged at right angles to the cylindrical needle bed. The specification describes in detail the various stages or steps in the knitting process and these are illustrated in successive figures of drawings.

The Examiner says:

The contribution resides in making a change, with means therefor, from rib to plain and vice versa with the necessary selection of needles for knitting.

In the decision of the Board is found the following description of operation:

This application relates to the knitting of rib top stockings but instead of first knitting the rib top and then transferring this to a machine for knitting plain fabric in the usual manner, the entire stocking is knit on a single machine. In carrying out this operation, the dial needles are employed to knit a few plain courses after all the cylinder needles have started to knit plain. These extra courses are provided to prevent running of the rib wales which are cast off from the dial needles.

Four references are cited as follows: Pepper et al., 461,508, October 20, 1891; Swinglehurst, 1,058,492, April 8, 1913; Masllorens, 1,646,301, October 18, 1927; Nobst et al., 1,720,606, July 9, 1929.

Pepper discloses a machine upon which is carried out the French welt type of knitting, a feature of some of the claims on appeal. His machine includes two independent plain portions.

The Swinglehurst patent discloses a single machine used to knit both the rib top and the plain portion of the stocking. After the rib top is completed on the dial needles the knitting is continued on them for a few courses to prevent the running of the rib wales, the same purpose for which appellant uses his dial needles after his cylinder needles have started to knit plain.

Masllorens shows a two-feed rib top machine for use in producing rib top fabrics, it being of the dial and cylinder type and having means for selecting cylinder or plain needles. Also, this patent teaches the knitting of the French welt.

The patent to Nobst et al. discloses a machine having an upper and lower needle cylinder of the same diameter, arranged in axial alignment and employing needles slidable from the groove of one cylinder into an aligned groove of the other cylinder and adapted to draw stitches when in either cylinder.

Both the Examiner and the Board held the Swinglehurst and Masllorens patents to be the principal references, the Board saying that it regarded the others "as cumulative."

In his statement following the appeal to the Board the Examiner applied the references in detail. It may be said that as to certain of the claims the Examiner applied additional grounds of rejection, some claims being held to be functional and others indefinite, but these additional grounds seem not to have been wholly approved by the Board. So, the only question before us is whether all were properly rejected upon the prior art cited.

The brief on behalf of appellant describes in detail the difference in operation between his machine and that of Swinglehurst, several pages being devoted thereto. The gist of this matter is expressed in the brief as follows:

• • • whereas Swinglehurst knits at the same feeding station with the same yarn, when knitting the rib courses, the transfer courses and the following plain fabric, appellant Lawson knits the transfer courses with two yarns, i. e., the dial needles knit one yarn at the auxiliary feeding station while *all* the cylinder needles knit another yarn at the main feeding station. [Italics quoted.]

[1] The alleged advantages of appellant's machine over that of Swinglehurst are then described, and these are supported by an affidavit which we cannot accept for any purpose, it not having been before the tribunals of the Patent Office, and not being a part of the record in the case.

The Board, in the course of its decision, says:

Swinglehurst clearly discloses the use of a single machine to knit both the rib top and the plain portion of the stocking. He continues knitting on the dial needles, after the rib top is completed, for a few courses for the same purpose that appellant does, i. e., to prevent the running of the rib wales which were knit on the dial needles. Swinglehurst also throws twice the number of dial needles into action for knitting the leg and this is shown and claimed by appellant. The essential difference between the two operations is that Swinglehurst discloses only a one-feed machine and he therefore cannot start to knit his plain leg portion until after the plain courses have been knit on the dial needles.

Masllorens shows a two-feed rib top machine and we are convinced that any one possessing this machine and desiring to knit a complete stocking, after having received the suggestion from Swinglehurst, would have no difficulty in employing the Masllorens machine in this manner and we believe that this would be an obvious thing to do. Probably it would be desirable to employ a cylinder carrying twice as many needles as dial needles, but this is taught by Swinglehurst and therefore this would be a part of the obvious procedure in arranging the Masllorens rib top machine to knit the complete stocking.

We have quite carefully considered the contentions on behalf of appellant with respect to the actual differences between his machine and the machines of the references. That certain modifications of the references are necessary to produce his machine is doubtless true and this probably results in some changes in method, but we are not convinced that these modifications require anything more than is obvious to one skilled in the art.

We appreciate the fact that the knitting machine art is quite complicated, and that even small changes from prior art may sometimes require the exercise

of the inventive faculty, but such changes as appellant made do not seem to us to be in that class. The record clearly discloses that every claim of appellant and each limitation of every claim received careful analysis, first by the Examiner and later by the Board. The arguments which were presented on behalf of appellant before us are evidently the same in substance as those presented before the experts of the Patent Office. To here review these arguments in detail and comment upon each specific point would lead us only to a restatement of what the experts have already clearly and succinctly stated, and no good purpose could be served by so doing.

[2] We are not convinced of error in the rejection of appellant's claims. The appeal is dismissed as to claim 24 (the appeal as to which was withdrawn), and the decision of the Board of Appeals as to all others is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE HORNE

No. 3,642. Decided June 1, 1936

[83 F.(2d) 692]

PATENTABILITY—DESIGNS—PLAY GROUND APPARATUS.

A design for a play ground apparatus *Held* patentable since it is not seen that this design would be obvious or suggested by the structures disclosed in the prior art of record.

APPEAL from the Patent Office. Reversed.

BLAND, *J.*, dissenting.

Messrs. Stone, Boyden & Mack and *Mr. J. Hanson Boyden* for Horne.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

LENROOT, *J.:*

This is an appeal from a decision of the Board of Appeals of the United States Patent Office, affirming a decision of the Examiner rejecting, for want of patentability in view of the cited prior art, appellant's application for a design patent, the claim reading as follows:

The ornamental design for a climbing structure, as shown.

The references relied upon are: Linscott, 116,606, July 4, 1871; Wheeler, 910,250, January 19, 1909; Hinton, 1,488,245, March 25, 1924; Haskell, 1,901,964, March 21, 1933; Patterson, 1,929,822, October 10, 1933.

The design relates to playground apparatus. The drawing discloses that it is substantially hexagonal in form and consists of a framed structure comprising a central post and six peripheral posts, said peripheral posts being connected with each other by a series of horizontal rods or bars and with the central post by sets of equally spaced similar rods or bars radiating from the central post. Both the posts and the rods or bars are round in cross-section.

The patent to Linscott relates to a folding clothes drier, and the drawing discloses a central post from which radiate horizontal members to peripheral posts. Said peripheral posts are connected to each other by cords. The posts and bars are rectangular in form.

The patent to Wheeler relates to a clothes rack and discloses substantially the same general features as are shown in the Linscott patent.

The other three references disclose climbing structures for children. Of these three the Board of Appeals considered the patent to Patterson to be the most pertinent, and we are in agreement with this view. The structure disclosed by the Patterson patent consists of a number of vertical supports arranged in a circle. Disposed at the center of the circle is another support. Annular members are positioned at vertically spaced intervals upon the circle of supports. A number of rods radiate from the central post and rest upon the annular members and are arranged at spaced intervals. Arranged concentrically with the said annular members are a plurality of similar members of a lesser diameter, and resting upon the radial rods.

We deem it unnecessary to describe the structures disclosed in the patents to Haskell and Hinton for they are much less pertinent to the issue before us than is the patent to Patterson.

It is conceded that appellant's design is new, original and ornamental, and we think that it is very strikingly so. The question is, did its production involve the exercise of the inventive faculty in view of the cited prior art?

The Board of Appeals in its decision stated:

It seems to us applicant has done no more than take the old type of structure disclosed in Patterson, for instance, and give it substantially the shape disclosed in Linscott. It is true Linscott's device has five sides and applicant's has six sides but this difference is hardly noticeable. Furthermore, the mere substitution of one well known geometrical shape for another does not amount to invention (*Knapp vs. Will and Baumer Co.*, 1921 C. D. 285). We consider the claim not allowable over the cited art.

We are constrained to disagree with the conclusion of the Board of Appeals. We cannot agree that appellant's design is substantially of the same shape shown by Linscott. It does not seem to us that appellant's design would be obvious or suggested by the structures disclosed in the references. Appellant's design has many elements, is quite complicated, and even though it may be said that, broadly speaking, none of its features considered separately are new, yet the combination as a whole involved, we think, the exercise of the inventive faculty.

Accordingly, the decision of the Board of Appeals is reversed.

Reversed.

BLAND, *J.*, dissents.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,180,159, I. Langmuir, Incandescent electric lamp; 1,687,510, M. Pipkin, Electric lamp bulb, D. C., S. D. Calif. (Los Angeles), Doc. Y-31-Y, *General Electric Co.* v. *T. Anraku (Tokyo Lamp Co.)*. Dismissed without prejudice Sept 21, 1936.

1,254,196, C. Bergman, Jr., Automatic clutching or starting device; 1,527,588, W. O. Kennington, Gearing for starting internal combustion engine, appeal filed Sept. 28, 1936, C. C. A., 2d Cir., Doc. —, *Eclipse Machine Co.* v. *E. Krieger & Son, Inc.*

1,256,240, S. P. Lovell, Colloid treated fabric; 1,353,599, same, Colloid treated fabric and method of producing same, D. C. Del., Doc. E 1026, *Celastic Corp.* v. *McClellan Shoe Specialty Co.* Dismissed Sept. 11, 1936.

1,353,599. (See 1,256,240.) 1,378,604. (See 1,721,663.)

1,463,473, F. J. Lapointe, Broaching tool, D. C., N. D. Ohio, E. Div., Doc. 5331, *Metal Cutting Tool Service, Inc.*, v. *The National Tool Co.* Patent held not infringed. Bill dismissed June 12, 1936.

1,481,021, L. K. Marshall, Temperature controlled apparatus, filed Aug. 25, 1936, D. C. Del., Doc. E 1187, *Spencer Thermostat Co. et al.* v. *Eisler Electric Corp.*

1,526,982, E. W. Hill, Stencil sheet, filed Sept. 22, 1936, D. C., S. D. Iowa (Des Moines), Doc. E 4615, *A. B. Dick Co.* v. *Frye Mfg. Co. et al.*

1,527,588. (See 1,254,196.) 1,539,300. (See 1,599,807.)

1,599,807, 1,539,300, A. L. Christiansen, Fish cutting and cleaning machine; 1,699,951, Christiansen & La Londe, same, filed July 30, 1936, D. C., S. D. Calif. (Los Angeles), Doc. E 988-C, *A. L. Christiansen et al.* v. *Van Camp Sea Food Co., Inc., et al.*

1,602,468. (See Re. 16,884.)

1,622,957. (See Re. 18,852.)

1,655,391, K. E. Peller, Method of and apparatus for feeding molten glass, filed Sept. 25, 1936, D. C., W. D. Pa., Doc. E 3240, *Hartford-Empire Co.* v. *Jeannette Glass Co. et al.*

1,664,580. (See Re. 16,884.) 1,668,490. (See Re. 17,131.)

1,675,900, C. E. Methudy, Oven lighter for gas stoves, D. C., N. D. Ohio, E. Div., Doc. 5129, *The Cleveland Trust Co.* v. *The W. J. Schoenberger Co.* Dismissed because of non-infringement Jan. 6, 1936.

1,681,443. (See 1,721,663.) 1,687,510. (See 1,180,159.)

1,687,510, M. Pipkin, Electric-lamp bulb, D. C., S. D. Calif. (Los Angeles), Doc. E Z-45-M, *General Electric Co.* v. *International Lamp Co., Inc.* Dismissed without prejudice Sept. 21, 1936.

1,689,463. (See Re. 16,884.) 1,699,951. (See 1,599,807.)

1,704,640. (See Re. 16,884.)

1,719,805, 1,796,649, 1,797,912, L. Hammond, Alternating current clock, filed Aug. 31, 1936, D. C. Del., Doc. E 1189, *Middlebury Electric Clock Corp.* v. *The Hammond Clock Co.* Doc. 1190, *The New Haven Clock Co.* v. *The Hammond Clock Co.*

1,721,663, A. Holzbauer, Jr., Heating attachment for windshields; 1,378,604, J. W. Murphy, Condensation preventing device; Re. 17,821 (of 1,681,443), H. Steinman, Anti-frost device for windows, D. C., E. D. Pa., Doc. 9213, *Holzhauer Products Corp.* v. *Flash Auto Stores, Inc.* Consent decree dismissing bill without prejudice Sept. 23, 1936.

1,731,967, L. J. Antonsen, Paper excelsior machine, filed July 16, 1936, D. C., S. D. Calif. (Los Angeles), Doc. E 976-J, *L. J. Antonsen et al.* v. *H. M. Inglis (Inglis Machine Works)*. Doc. E 977-Y, *L. J. Antonsen et al.* v. *Goodwill Industries of Southern Calif.* Doc. E. 978-M, *L. J. Antonsen et al.* v. *E. Rick.* Doc. E 979-C, *L. J. Antonsen et al.* v. *M. Goge (Goge Container & Excelsior Co.)*.

1,736,324. (See Re. 16,884.)

1,740,554, C. D. Trageser, Pajama pants, filed Sept. 25, 1936, D. C., S. D. N. Y., Doc. E 83/371, *The Stadium Mfg. Co., Inc.*, v. *Frackville Mfg. Co., Inc.*

1,748,007, R. C. Baker, Guiding, floating, and cementing device for well casings, filed Aug. 31, 1936, D. C., S. D. Calif. (Los Angeles), Doc. 1004-C, *Baker Oil Tools, Inc.*, v. *Halliburton Oil Well Cementing Co.*

1,759,652, G. Loening, Retractable landing gear, filed Aug. 31, 1936, D. C. Del., Doc. E 1188, *Grover Loening Aircraft Co.* v. *United Aircraft Mfg. Corp. et al.*

1,761,727, E. Hecker, Apparatus for processing and cooking dried fruits; 2,049,639, F. D. Chapman, Treating food products, filed Sept. 26, 1936, D. C., E. D. Wis. (Milwaukee), Doc. 4964, *Berlin Chapman Co.* v. *Mammoth Spring Canning Co.*

1,764,040, W. C. Edwards, Jr., Combination harvester, thrasher and separator; 1,764,041, same, Combination harvester thrasher, filed Sept. 23, 1936, D. C. Kans. 2d Div., Doc. 961-N, *W. C. Edwards, Jr.* v. *Cockshutt Plow Co., Ltd., et al.*

1,764,041. (See 1,764,040.) 1,796,049. (See 1,719,805.)

1,797,912. (See 1,719,805.)

1,808,043, J. L. Kleinman, Sliding and swinging window, filed Sept. 26, 1936, D. C., E. D. N. Y., Doc. E 8054, *J. L. Kleinman* v. *General Bronze Corp.*

1,824,029, Most & Wilson, Container, appeal filed Sept. 30, 1936, C. C. A., 2d Cir., Doc. —, *J. L. Most* v. *Frederick Loeser & Co., Inc.*

1,863,740, W. I. Bettis, Casing protector, filed Sept. 22, 1936, D. C., S. D. Calif. (Los Angeles), Doc. E 1014-M, *E. B. Kleaver* v. *C. L. Patterson et al.* Doc. E 984-H, *W. I. Bettis* v. *C. L. Patterson et al.* Dismissed without prejudice Sept. 22, 1936.

1,880,174, J. Dugan, Continuous aim gun fire control system, D. C., E. D. N. Y., Doc. E 7550, *J. Dugan* v. *Ford Instrument Co., Inc.* Decree for defendant Sept. 22, 1936.

1,892,448, W. C. Chapman, Curtain and drape structure, D. C., S. D. N. Y., Doc. E 76/295, *Phoenix Trimming Co. et al.* v. *Consolidated Trimming Corp.* Dismissed without prejudice (notice Sept. 25, 1936).

1,913,604. (See 2,022,514.)

1,919,584, W. Cords, Method and apparatus for making packing rings, D. C., S. D. Calif., S. Div., Doc. E 86-A, *W. Cords* v. *Coil Mfg. Co. et al.* Decree for defendants holding claims 1, 3, 4, 5, 8, 10, 11, and 12 invalid; bill dismissed (notice Sept. 23, 1936).

1,927,656, Eaton & Burnish, Pipe joint, filed July 7, 1936, D. C., W. D. La. (Shreveport), Doc. E 709, *National Supply Co. et al.* v. *S. J. Murphy.*

1,934,290, 1,959,941, E. F. Wiley, Awning type window; Re. 18,125, Donovan & Wiley, same, D. C., N. D. Calif. (San Francisco), Doc. 3756-L, *Universal Window Co. et al.* v. *Dalmo Sales Corp. et al.* Consent decree holding Patent 1,959,941 valid and infringed; injunction granted. Bill dismissed without prejudice as to 1,934,290 and Re. 18,125 Sept. 21, 1936.

1,951,685, H. A. Wheeler, Peak detector; 2,041,273, same, Amplifier volume control, filed Sept. 18, 1936, D. C. Md., Doc. 2466, *Hazeltine Corp.* v. *General Electric Co. et al.*

1,957,596, J. W. Isett, Method of repairing, widening, and resurfacing concrete roads; 2,039,420, same, Method of constructing, repairing, and widening concrete roads, filed Sept. 28, 1936, D. C., S. D. Ohio, W. Div., Doc. E 990, *J. W. Isett et al.* v. *F. I. Rowe et al.*

1,959,941. (See 1,934,290.)

1,965,299, P. A. Patterson, Abrading and polishing composition, filed Sept. 25, 1936, D. C., E. D. Mich., S. Div., Doc. 7705, *McAleer Mfg. Co.* v. *Buckingham Products Co. et al.*

1,984,916, G. E. Bullock, Velocipede frame construction, D. C., W. D. N. Y., Doc. 2088, *E. C. Brown Co.* v. *T. A. Rich.* Consent decree Sept. 25, 1936.

1,994,950, C. W. Hoffritz, Illuminated dial, filed July 3, 1936, D. C., S. D. Calif. (Los Angeles), Doc. E 969-M, *Glo-Dial Clock Corp. et al.* v. *Wizard Clock Co. et al.*

2,022,514, 1,913,604, W. A. MacDonald, Wave signaling system, filed Sept. 18, 1936, D. C. Md., Doc. E 2467, *Hazeltine Corp.* v. *General Electric Co. et al.*

2,039,420. (See 1,957,596.)

2,039,987, H. Goldman, Umbrella, filed Sept. 18, 1936, D. C. Md., Doc. E 2468, *H. Goldman* v. *J. N. Polan et al.*

2,041,273. (See 1,951,685.)

2,047,101, M. H. Grove, Pressure regulator, filed Sept. 21, 1936, D. C., N. D. Calif. (San Francisco), Doc. E 4080–R, *Grove Regulator Co.* v. *Renco, Inc.* Doc. E 4081–L, *Grove Regulator Co.* v. *H. C. Cobb (Cobb Welding Works)*.

2,049,639. (See 1,761,727.)

Re. 16,884 (of 1,602,468), J. B. Tytus, Process of rolling sheets; 1,689,463, same, Metal rolling; 1,664,580, same, Rolling metal strips; Re. 18,413 (of 1,704,640), same, Process of rolling sheets; 1,736,324, Naugle & Townsend, Strip sheet manufacture, filed Sept. 29, 1936, D. C. N. Y. (Buffalo), Doc. 2105, *American Rolling Mill Co.* v. *Bethlehem Steel Co.*

Re. 17,131 (of 1,668,490), O. S. Caesar, Heating apparatus for automotive vehicles, filed Sept. 23, 1936, D. C. Colo. (Denver), Doc. 10,830, *Tropic-Aire, Inc.*, v. *Cullen-Thompson Motor Co.*

Re. 17,393. (See Re. 18,852.)

Re. 17,821. (See 1,721,663.)

Re. 18,125. (See 1,934,290.)

Re. 18,413. (See Re. 16,884.)

Re. 18,841. (See Re. 18,852.)

Re. 18,852 (of Re. 18,841, Re. 17,393 and 1,622,957), J. Mayer, Hair waving appliance and method, D. C. Minn., 4th Div., Doc. E 2749, *The Philad Co.* v. *Modernistic Permanent Wave Machine Co.* Consent decree for plaintiff; injunction granted. Counterclaim dismissed on the merits Sept. 14, 1936.

Re. 18,866, E. A. Wright, Vehicle body, D. C., S. D. N. Y., Doc. E 80/197, *Ternstedt Mfg. Co.* v. *Motor Products Corp.* Dismissed without prejudice (notice Sept. 28, 1936).

Des. 92,596, H. A. Funk, Desk set, D. C., S. D. Calif., C. Div., Doc. E 530–J, *N. C. Funk* v. *L. L. Goble et al.* Dismissed for lack of prosecution Sept. 16, 1936.

Des. 94,833, U. M. Herring, Hors d'oeuvre tray, D. C., S. D. Calif. (Los Angeles), Doc. E 723–M, *U. M. Herring* v. *Robinhood Wood Products et al.* Dismissed with prejudice May 26, 1936.

Des. 97,789, J. Starr, Shoe, filed Sept. 24, 1936, D. C., S. D. N. Y., Doc. E 83/370, *J. Starr* v. *Ansonia De Luxe Shops, Inc.*

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,901,592, A. E. Harnsberger and C. L. Smith, Method for heating oil, decided October 8, 1936, claims 2 and 4.

Pat. 1,995,810, Hans Klemperer, Electric welding control system, decided October 29, 1936, claims 1, 2, 3, 5, 6, and 8.

Pat. 2,013,583, H. W. Sanford, Low bottom car, decided October 26, 1936, claims 4 and 12.

Pat. 2,042,060, F. F. Kaiser, Multicolor printing machine, decided October 26, 1936, claims 1, 2, and 6.

Trade-Mark Registrations Canceled

272,087. Certain named men's clothing. Ritter & Meyer, Youngstown, Ohio, assignor to The Strouss-Hirshberg Co., Youngstown, Ohio. Registered June 24, 1930. Canceled October 23, 1936.

286,062. Washing compounds and cleansers. Walter Roy Cohen, doing business as Just-Rite Laboratories No. 1, Eldorado Springs, Mo. Registered August 11, 1931. Canceled October 30, 1936.

297,553. Bread. Harry Fawcett, doing business as Grocers Co-Operative Baking Co., Minneapolis, Minn. Registered September 20, 1932. Canceled October 23, 1936.

314,251. Beer. Viking Brewery Inc., Catasauqua, Pa. Registered June 26, 1934. Canceled October 16, 1936.

320,036. Whiskey. Joseph E. Seagram & Sons, Inc., Lawrenceburg, Ind. Registered December 18, 1934. Canceled October 30, 1936.

329,077. Prescription chemicals. Ehrmann-Strauss Co., Inc., New York, N. Y. Registered October 15, 1935. Canceled October 30, 1936.

335,367. Boots and shoes. Hoge-Montgomery Company, Inc., Frankfort, Ky. Registered June 2, 1936. Canceled October 23, 1936.

Disclaimers

1,445,780.—*Leon Mann*, Mount Vernon, and *Morris Koppelman*, Brooklyn, N. Y. PACKING FOR EGGS AND OTHER FRAGILE ARTICLES. Patent dated February 20, 1923. Disclaimer filed October 20, 1936, by the assignee, *Mopes Consolidated Manufacturing Company*.

Hereby enters this disclaimer to claims 1, 2, and 6 of said specification.

1,554,179.—*Wilbur Sewall Trader*, St. Louis, Mo. SOUND-ABSORBING MATERIAL FOR WALLS AND CEILINGS. Patent dated September 15, 1925. Disclaimer filed October 27, 1936, by the assignee, *The Celotex Corporation.*,

Hereby disclaims from the scope of claims 1 and 3 of said Letters Patent all sound deadening constructions comprising a layer of material which has sound absorbing characteristics and having therein independent artificial openings extending inwardly from a surface of said material, in which, in use, a surface of said material from which the said openings extend inwardly, is sound absorbing and said openings are of such size and number that the interior surfaces thereof are ineffective to materially increase the sound absorption of said material.

1,955,023.—*Hans Roos* and *Emil Schwamberger*, Leverkusen, Mainkur, Germany. REMOVAL OF PHENOLS FROM HYDROCARBONS CONTAINING THE SAME. Patent dated April 17, 1934. Disclaimer filed October 24, 1936, by the assignee, *Standard-I. G. Company*.

Hereby disclaims from the scope of claim 3 of the said Letters Patent all processes wherein the first-mentioned treatment of said oil with sulfuric acid is carried out in the presence of added quantities of a previously formed salt of an organic nitrogen base.

TRADE-MARKS

OFFICIAL GAZETTE, NOVEMBER 17, 1936

[VOL. 472. No. 3]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly-Prepared Materials

Ser. No. 382,928. PEAT IMPORT CORPORATION, New York, N. Y. Filed Sept. 4, 1936.



The word "Moss" except as shown is disclaimed.
For Peat Moss.
Claims use since Aug. 17, 1936.

CLASS 2

Receptacles

Ser. No. 383,299. FEDERATED MILLS, INC., New York, N. Y. Filed Sept. 16, 1936.

Protek-U

For Paper Dispensing Cartons.
Claims use since Aug. 4, 1936.

Ser. No. 383,570. COLT'S PATENT FIRE ARMS MANUFACTURING COMPANY, Hartford, Conn. Filed Sept. 24, 1936.

COLT

For Containers and Parts Thereof and Closures Therefor Molded in Whole or in Part from Materials of the Synthetic Resin Class.
Claims use since 1931.

Ser. No. 383,584. JOE LOWE CORPORATION, New York, N. Y. Filed Sept. 24, 1936.

FRUIT-SICLE

For Empty Wrappers and Bags Made of Glassine, Vegetable Parchment, Plain and/or Waxed Paper.
Claims use since Feb. 7, 1936.

Ser. No. 383,791. WALTHAM BAG & PAPER COMPANY, Waltham, Mass. Filed Sept. 29, 1936.

PIQUE

For Paper Bags, Paper Boxes, and Paper Containers.
Claims use since Feb. 1, 1934.

CLASS 3

Baggage, Animal Equipments, Portfolios, and Pocketbooks

Ser. No. 383,155. JACOB ANTINOPH, doing business as Philadelphia Leather-Goods Co., Philadelphia, Pa. Filed Sept. 12, 1936.



For Dress Suit Cases and Handbags for Men and Women.
Claims use since Sept. 1, 1936.

Ser. No. 383,190. UNITED STATES TRUNK COMPANY, INC., Fall River, Mass. Filed Sept. 12, 1936.

AMBASSADOR

For Trunks, Suit Cases, and Pullman Cases.
Claims use since Aug. 1, 1936.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 380,954. G. M. LEWIS CHEMICAL COMPANY, Canton, Ohio. Filed July 13, 1936.

SINCO

For Cleanser for General Household Use Having Incidental Water Softening Properties.
Claims use since Apr. 2, 1936.

Ser. No. 382,887. READY-JELL MANUFACTURING CO., INC., doing business as R.-J. Mfg. Co., Inc., Troy, N. Y. Filed Sept. 3, 1936.



The term "Ready-to-Clean" apart from the mark shown is disclaimed. The drawing is lined for red.
For Cleansing Powder for General Household Use Having Soap-Saving Properties.
Claims use since Aug. 1, 1936.

Ser. No. 383,339. WHITTEMORE BROS. CORP., Cambridge, Mass. Filed Sept. 16, 1936.

OILIQUID

For Compositions for Cleaning, Dressing, and Polishing Sheet Materials Which Have a Smooth Surface in the Nature of Shoe Leather.
Claims use since Aug. 7, 1936.

Ser. No. 383,777. MCKESSON & ROBBINS, INCORPORATED, Bridgeport and Fairfield, Conn. Filed Sept. 29, 1936.

CANTERBURY HOUSE

For Soap.
Claims use since Feb. 11, 1936.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 363,666. REJUVIA BEAUTY LABORATORIES, INC., New York, N. Y. Filed Apr. 12, 1935.

tempt

For Lipstick.
Claims use since Apr. 1, 1935.

Ser. No. 367,984. ELIZABETH ARDEN, INC., New York, N. Y. Filed Aug. 5, 1935.



The portrait is that of R. Cusy.
For Suntan Oil, Sun-Proof Cream, Bronze Liquid Lotion for Face and Body.
Claims use since July 19, 1935.

Ser. No. 371,735. THE NATIONAL DRUG COMPANY, Philadelphia, Pa. Filed Nov. 19, 1935.

Ster-I-Litre

No claim is made to the word "Litre" when used alone.
For Sterile Non-Pyrogenic Solutions for Intravenous Use Subjected to Bacteriological and Chemical Control, Including Dextrose, C. P., Anhydrous 5% Solution in Distilled Water, 10% and 20% Dextrose Solutions in Distilled Water, 5% and 10% Dextrose in Hartmann's Solution, 5% and 10% Dextrose in Ringer's Solution, 5% and 10% Dextrose in Physiological Salt Solution (Normal Saline) and Plain Physiological Salt Solution (Normal Saline), Said Solutions Being Used for Introduction Into the Patients' Bodies Readily Available Supplies of Nutritious Material in Emergencies, Such as Severe Dehydration in Disturbances of the Circulatory System, and in Severe Toxemias in Diphtheria, Pneumonia, Scarlet Fever, Typhoid Fever or Other Infectious Fevers Caused by Streptococcic, Staphylococcic and Meningococcic Infections.
Claims use since July 5, 1935.

Ser. No. 374,549. THOMAS W. BUSH, doing business as Bush's Drug Store, New Smyrna, Fla. Filed Feb. 6, 1936.

Busta---Cold

The word "Cold" is disclaimed apart from the mark shown.
For Preparation for Treatment and Relief of Common Colds, Fever Incident Thereto, for Coughs and Malaria.
Claims use since Sept. 1, 1935.

Ser. No. 374,963. THE BYE COMPANY, INC., Cincinnati, Ohio. Filed Feb. 18, 1936.

A & O

For Baked Medicated Cake or Wafer for Use as an Internal Lubricant.
Claims use since Jan. 1, 1935.

Ser. No. 376,243. MAX HELLER, doing business as Exeller Chemical Company, New York, N. Y. Filed Mar. 21, 1936.

Exeller

For Alum Powder, Anise Seed, Baby Powder, Bicarbonate of Soda, Borax, Boric Acid, Boric Acid Powder, Boric Acid Crystal, Catnip Herb, Chamomile Flowers, Chamomile Powder Shampoo, Chlorate Potash, Citrates and Carbonates, Licorice Powder, Chalk and Orris Root, Precipitated Chalk, Cream of Tartar, Drop Chalk, Epsom Salt, Foot Powder, Fennel Seed, Flaxseed, French Chalk, Powdered Henna, Henna Shampoo, Henna White, Henna Leaves, Orris Root, Oxalic Acid, Psyllium Seed, Paradichlorbenzene, Rochelle Salt, Saltpetre, Senna Leaves, Senna Pods, Sodium Perborate, Sodium Fluoride, Sodium Phosphate, Effervescent Sodium Phosphate, Sulphur Flowers, Sugar of Milk, Sunflower Seed, Talcum Powder, Tooth Powder, Willow Charcoal, Aspirin, Cod Liver Tablets, Halibut Liver Oil, Agar and Oil, Browns Mixture, Burrow's Solution, Camphorated Oil, Cod Liver Oil, Castor Oil, Chloroform Liniment, Cascara Sagrada Fluid Extract, Cascara Aromatic Fluid Extract, Dobell's Solution, Glycerin, Glycerin and Rose Water, Mineral Oil Comprising Liquid Petroleum, Milk of Magnesia, Mouth Wash, Oil Citronella, Oil Wintergreen, Paregoric, Rhubarb and Soda Mixture, Rubbing Alcohol, Castile Soap and Lemon Shampoos, Stokes Expectorant, Spirits Nitrous Ether, Spirits Ammonia Aromatic, Spirits Camphor, Spirits Peppermint, Tincture Arnica, Tincture Benzoin, Tincture Benzoin Compound, Tincture Green Soap, Tincture Iodine, and Witch Hazel.
Claims use since June 1, 1932.

Ser. No. 378,936. COMMERCIAL SOLVENTS CORPORATION, New York, N. Y. Filed May 27, 1936.

QUIXOL

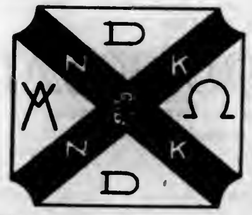
For Solvents Having General Use in the Industrial Arts.
Claims use since Dec. 13, 1935.

Ser. No. 379,922. JOSEPH B. BENDER, doing business as Benco Products, New York, N. Y. Filed June 16, 1936.

Nodic

The drawing is lined for red.
For Deodorant Cream.
Claims use since May, 1935.

Ser. No. 380,058. ALFRED MOORE HOGARTH, London, England. Filed June 22, 1936.



For Dentifrices.
Claims use since Dec. 10, 1930.

Ser. No. 380,466. SWEET FEET, INCORPORATED, Gulfport, Miss. Filed June 30, 1936.

SWEET FEET

For Preparation for Deodorizing and Treating Athlete's Foot.
Claims use since May 15, 1936.

Ser. No. 380,716. CATHERINE AGNES RINELLI, doing business as Kay Rinelli, Brooklyn, N. Y. Filed July 7, 1936.



Applicant makes no claim to any word or phrase except the name "Kay Rinelli" by itself and in combination with the letter "R".
For Tissue Cream, Cold Cream, Astringent, Skin Toner, Sun Oil, and Shampoo.
Claims use since Dec. 1, 1935.

Ser. No. 381,105. FUELITE OIL TREATING CORPORATION, Chicago, Ill. Filed July 15, 1936.

Fuelite

For Combination of Chemicals Made Into a Compound for Use in Fuel Oils.
Claims use since June 30, 1927.

Ser. No. 381,401. CARMAN & CO., INC., New York, N. Y. Filed July 24, 1936.

STARLUBE

For Starch Lubricant for Laundry Use.
Claims use since July 7, 1936.

Ser. No. 381,685. NUTRI-BROM PHARMACAL CO., INC., Brooklyn, N. Y. Filed July 31, 1936.

BROMOBARB

For Sedative and Hypnotic Preparations.
Claims use since June, 1935.

Ser. No. 381,693. SEEBASCO LABORATORIES, INC., Philadelphia, Pa. Filed July 31, 1936.



The drawing is lined for green.
For Preparation for the Treatment of the Feet.
Claims use since Feb. 1, 1935.

Ser. No. 381,723. ROSE NEWMAN, doing business as Newman Products Co., Brooklyn, N. Y. Filed Aug. 1, 1936.

WILLIAMS KORNX

For Preparation for Corn and Callous Removing and Bunion Treating.
Claims use since Jan. 15, 1934.

Ser. No. 381,833. GUNNLAUGUR TRYGGVI ATHELSTAN, doing business as Athelstan Products Co., Minneapolis, Minn. Filed Aug. 5, 1936.

G T A

For Rodent and Vermin Poisons.
Claims use since Jan. 15, 1930.

Ser. No. 381,877. RARE CHEMICALS, INC., Nepera Park, N. Y. Filed Aug. 6, 1936.

Arsenoferratose

For Preparations Used as an Effective Blood Builder in Hypochromic Forms of Anemia and as a Hematinic and General Reconstructive Tonic.
Claims use since June 1, 1899.

Ser. No. 381,899. LONGWOOD PHARMACY, INC., doing business as Longwood Dietetic House, Boston, Mass. Filed Aug. 7, 1936.

FERR-B-SATE
(NALAN)

For Pharmaceutical Preparation Either as a Liquid or Tablet, Being a Medicinal Preparation Consisting in Great Part of Ferrous Sulphate Designed to Aid Persons Suffering From An Iron Deficiency.
Claims use since May 18, 1934.

Ser. No. 381,919. SARATOGA LABORATORY, Springfield, Mass. Filed Aug. 7, 1936.

DOUBLE-A

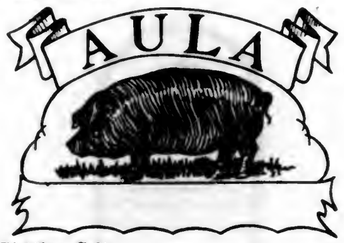
For Medicine for the Relief of Colds, for the Relief of Rheumatic and Muscular Pains, General Tonics, Laxatives, and Toilet Lotions.
Claims use since September, 1935.

Ser. No. 381,933. WALTER J. CLEVELAND, doing business as Cleveland Laboratories, Bellflower, Calif. Filed Aug. 8, 1936.

CLEVELINE

For an Astringent, Antiseptic Vermifuge for Treatment of Disorders of Poultry Such as Coccidiosis, Fowl Cholera, White Diarrhea in Fowls and Black Head in Turkeys, also White Scours in Calves, Diarrhea and Necro Enteritis in Swine; for a Lotion Astringent Antiseptic for Collar and Saddle Galls, Wire Cuts, Sour Teats of Cattle, Ulcers or Any Other Open Wounds; for a Uterine Antiseptic and Deodorant for the Treatment of Metritis of Cows, Goats, and Sheep.
Claims use since Apr. 1, 1936.

Ser. No. 381,971. HENRY DEUTINGER, New York, N. Y. Filed Aug. 10, 1936.



For Pickling Salt.
Claims use since May 1, 1936.

Ser. No. 382,005. RUMA-BAN LABORATORIES, INC., Greenville, N. C. Filed Aug. 10, 1936.

Ruma-Ban

For Preparation for Rheumatism, Lumbago, Neuritis, and Sciatica.
Claims use since July, 1936.

Ser. No. 382,020. LLOYD O. PERRY, doing business as Perry Laboratories, Detroit, Mich. Filed Aug. 11, 1936.

CHLORO-PHEDRINE

For Medicines for Head Colds, Nasal Congestion of Asthma, Hay Fever, and Irritations of the Nose and Throat.
Claims use since July 26, 1933.

Ser. No. 382,072. R. J. PRENTISS & CO., INC., New York, N. Y. Filed Aug. 12, 1936.

ROTOXOLENE

For Concentrates and Chemicals for the Manufacture of Various Types of Insecticides, Including Agricultural.
Claims use since June 1, 1936.

Ser. No. 382,229. FRANK L. NAU, Portland, Oreg. Filed Aug. 15, 1936.



The words "To" and "Your Breath" apart from the mark shown are disclaimed.
For Antiseptic Mouth Wash.
Claims use since June 1, 1935.

Ser. No. 382,307. ROBERT C. GOON, doing business as Veto-Tox Laboratories, Toledo, Ohio. Filed Aug. 18, 1936.

VETO-TOX

The word "Tox" apart from the mark shown is disclaimed.
For Medicinal Preparation for the Treatment of Arthritis, Rheumatism, and Rheumatic Conditions, and a Diuretic Stimulant to the Kidneys, and Eliminator of Poisonous Conditions in the System.
Claims use since Mar. 28, 1933.

Ser. No. 382,323. SCHNEFEL BROS. CORPORATION, Newark, N. J. Filed Aug. 18, 1936.

La Cross Glycerated

The word "Glycerated" apart from the mark as shown is disclaimed.
For Nail Polish Remover and Thinner.
Claims use since June 8, 1936.

Ser. No. 382,347. MICHEL DE ZALEWSKI, Paris, France. Filed Aug. 19, 1936.

PADINOX

For Pharmaceutical Products—Namely, Reducing Products in the Form of Suppositories.
Claims use since Apr. 9, 1936.

Ser. No. 382,450. THE SHEFFIELD COMPANY, New London, Conn. Filed Aug. 21, 1936.

VITA-BRITE

The word "Brite" apart from the mark as shown is disclaimed.
For Tooth Paste.
Claims use since Aug. 5, 1936.

Ser. No. 382,472. FRANK J. HALLAUER, doing business as Cronwell Co., Washington, D. C. Filed Aug. 22, 1936.

1000 GRAND

For Scalp Preparation.
Claims use since Aug. 4, 1936.

Ser. No. 382,538. VIRGINIA SMELTING COMPANY, West Norfolk, Va. Filed Aug. 24, 1936.

ESOTAN

For Sodium Dichromate, Sulphur Dioxide Reduced Tanning Compound.
Claims use since May 1, 1936.

Ser. No. 382,673. ONEVA CO., West Pittston, Pa. Filed Aug. 28, 1936.

BROMODYNE

For Granular Effervescent Alkaline Bromides for Nervous Indigestion, Simple Headache, Overindulgence, Car, Sea, Brain, or Air Sickness.
Claims use since Aug. 1, 1936.

Ser. No. 382,758. MCLAUGHLIN-OWEN COMPANY, Chicago, Ill. Filed Aug. 31, 1936.

GORJUS

For Shampoo, Wave Set, Hair Tonic, Hair Rinse, Face Creams, Nail Polish, Cuticle Oil, Face Powder, and Lipstick.
Claims use since Aug. 6, 1936.

Ser. No. 382,791. FALL & FALL, Denver, Colo. Filed Sept. 1, 1936.

Falz

For Hair Preparations, Skin Preparations, Dental Preparations, and Nail Preparations.
Claims use since July 1, 1936.

Ser. No. 382,810. SCIENTIFIC FOOD PRODUCTS COMPANY, Seattle, Wash. Filed Sept. 1, 1936.

E-LIM-O

For Intestinal Laxative Consisting of Finely Ground Pure Botanical Herbs in Powder Form.
Claims use since Aug. 1, 1935.

Ser. No. 382,992. ASSOCIATED PHYSICIANS LABORATORIES, LTD., San Francisco, Calif. Filed Sept. 5, 1936.

"BUCAINE"

For Compound Containing Procaine Base, Butyl-p-Aminobenzoate and Benzyl Alcohol in Almond Oil, to Produce Local Anesthesia by Injection.
Claims use since Apr. 27, 1936.

Ser. No. 383,096. HUMANE SOCIETY OF BALTIMORE COUNTY, Pikesville, Md. Filed Sept. 10, 1936.

PETTOWN

For Shampoo, Deodorant, and Antiseptic, Catnip Balls, and Sulpho-Salve.
Claims use since Aug. 1, 1936.

Ser. No. 383,180. ROCHELLE PRODUCTS, Brooklyn, New York, N. Y. Filed Sept. 12, 1936.

Rochelle
OLEO-SHAMPOO
Hair Tonic
Shampoo

The wording is disclaimed apart from the mark shown. The woman's head is fanciful.
For Oil Shampoo.
Claims use since Sept. 1, 1936.

Ser. No. 383,472. HERA-VERDI, doing business as Motif Cosmetics, San Francisco, Calif. Filed Sept. 21, 1936.

MOTIF

For Preparations for the Hair—Namely, Wave Set and Brilliantine.
Claims use since Aug. 28, 1936.

Ser. No. 383,500. ALFRED BERNARDINI, doing business as Hughes Pharmaceutical Laboratory, New York, N. Y. Filed Sept. 22, 1936.

VIBIOL

For General Tonic.
Claims use since Jan. 15, 1936.

Ser. No. 383,572. CORNELIA W. DAVENPORT, Philadelphia, Pa. Filed Sept. 24, 1936.

VENEZ-VOIR

For Perfumes.
Claims use since Sept. 15, 1936.

Ser. No. 383,695. JOHN WYETH & BROTHER, INCORPORATED, Philadelphia, Pa. Filed Sept. 26, 1936.

AMPHOJEL

For Palatable Emulsoid of Aluminum Hydroxide in Distilled Water.
Claims use since Aug. 31, 1936.

CLASS 12

Construction Materials

Ser. No. 383,088. NEWTON P. EASLING, Pekin, Ill. Filed Sept. 10, 1936.

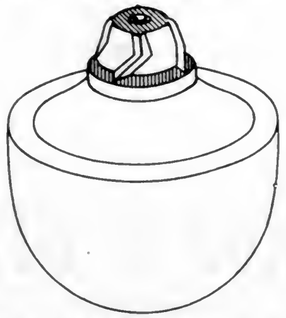
"TERMINIZED"

For Felt Paper for Use in Building Construction
Claims use since March, 1936.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 366,562. CHAS. F. HAUSE MFG. CO., LTD., Los Angeles, Calif. Filed June 24, 1935.



Trade-mark consists of a green disk on the top of the float shank and a red band around the base of the shank. No claim is made to the outline of the float apart from the mark.
For Tank Floats.
Claims use since Feb. 1, 1935.

Ser. No. 379,720. TRUSSELL MANUFACTURING COMPANY, Poughkeepsie, N. Y. Filed June 13, 1936.

WIRE-O

The word "Wire" is disclaimed apart from the mark.
For Book Binding Wires.
Claims use since Dec. 31, 1934.

Ser. No. 381,594. VOORHIS-TIEBOUT COMPANY, INC., Rhinebeck, N. Y. Filed July 29, 1936.

V T

For Wall Soap Pulverizer and Dispenser.
Claims use since Jan. 2, 1936.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 383,292. ATLANTIC ZINC WORKS, INC., Brooklyn, N. Y. Filed Sept. 16, 1936.

BACKOTE

For Brass, Copper, Bronze, German-Silver, and Zinc Plates, and Copper and Zinc Engravers' Plates, and Photo-Engravers' Copper and Zinc.
Claims use since Aug. 6, 1936.

Ser. No. 383,541. NORTHWESTERN BARB WIRE COMPANY, Sterling, Ill. Filed Sept. 23, 1936.

ELECTROYED

For Wire.
Claims use since May 1, 1936.

Ser. No. 383,543. NORTHWESTERN BARB WIRE COMPANY, Sterling, Ill. Filed Sept. 23, 1936.

STERLING
ELECTROYED
STEEL

The words "Sterling Steel" apart from the mark shown are disclaimed.
For Wire.
Claims use since May 1, 1936.

CLASS 16

Paints and Painters' Materials

Ser. No. 379,403. SINCLAIR REFINING COMPANY, New York, N. Y. Filed June 6, 1936.

DINO



For Paint Enamels, Varnishes, Paint Primers, and Paint Thinners.
Claims use since Apr. 1, 1936.

Ser. No. 383,194. THE KOR-KOR PAINT COMPANY, Grand Rapids, Mich. Filed Sept. 8, 1936.

KOR-KOR

For Ready Mixed Paints, Varnishes, Enamel Paint, Paste Paints, Paint in Powder Form, Paint Colors and Sizings for Painters' Use in Connection with Paints.
Claims use since June 15, 1936.

CLASS 17

Tobacco Products

Ser. No. 378,472. BAYUK CIGARS INCORPORATED, Philadelphia, Pa. Filed May 15, 1936.

PHILADELPHIA CLUB

For Tobacco Products, Particularly Cigars.
Claims use since Jan. 13, 1909.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 381,431. PORTER E. STONE, Detroit, Mich. Filed July 24, 1936.

PEEP

For Automobile Rear View Mirrors.
Claims use since July 1, 1936.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 383,466. WILLIAM A. BRUNO, New York, N. Y. Filed Sept. 21, 1936.

Velotron

For Microphones.
Claims use since Sept. 2, 1936.

Ser. No. 383,706. GEORGE SHARPNACK, doing business as The Ampliflex Co., Lincoln, Nebr. Filed Sept. 24, 1936.

Ampliflex

For Sound Equipment.
Claims use since October, 1935.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 382,843. STANDARD NOVELTY WORKS, Duncannon, Pa. Filed Sept. 2, 1936.

MASTER BOMBER

For Coaster Sleds.
Claims use since July 22, 1936.

Ser. No. 383,879. EXHIBIT SUPPLY COMPANY, Chicago, Ill. Filed Oct. 2, 1936.

CHUCK-A-LETTE

For Coin Controlled Amusement Apparatus.
Claims use since Aug. 28, 1936.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 383,690. CHARLES R. SEABORNE, Appleton, Wis. Filed Sept. 26, 1936.

VORTEX

For Beaters for Paper Stock.
Claims use since June 1, 1928.

CLASS 24

Laundry Appliances and Machines

Ser. No. 383,646. SAGINAW MANUFACTURING CO., Saginaw, Mich. Filed Sept. 25, 1936.

NO. 340

For Folding Ironing Tables.
Claims use since August, 1936.

Ser. No. 383,647. SAGINAW MANUFACTURING CO., Saginaw, Mich. Filed Sept. 25, 1936.

IRON-A-BIT

For Folding Ironing Tables.
Claims use since August, 1936.

Ser. No. 383,904. TINGUE, BROWN & CO., New York, N. Y. Filed Oct. 2, 1936.

TAPERO

For Net Containers for Use in Laundry Establishments.
Claims use since May 15, 1936.

CLASS 29

Brooms, Brushes, and Dusters

Ser. No. 383,053. DARTMORE CORPORATION, Brooklyn, N. Y. Filed Sept. 9, 1936.

Lady Esther

For Powder Puffs.
Claims use since July 31, 1936.

Ser. No. 383,059. HOLLYWOOD POWDER PUFF CO. INC., Brooklyn, N Y. Filed Sept. 9, 1936.

Hollywood Girl

For Powder Puffs.
Claims use since Mar. 1, 1935.

CLASS 32

Furniture and Upholstery

Ser. No. 383,562. AMERICAN AUTO-FELT CORPORATION, Grand Rapids, Mich. Filed Sept. 24, 1936.

Dream Master

For Mattresses.
Claims use since Mar. 13, 1936.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 356,412. MAJESTIC HEATER CORP., Chicago, Ill. Filed Sept. 25, 1934.



The words "Water Heater" and "Chicago, Ill." are disclaimed apart from the mark.
For Gas, Oil, or Coal Water Boilers for Domestic Hot Water Supply and Heating Plants for House Heating and the Like.
Claims use since Aug. 17, 1934.

Ser. No. 375,280. WAYNE OIL BURNER CORPORATION, Fort Wayne, Ind. Filed Feb. 26, 1936.

WAYNE MISTOIL BURNER

The word "Burner" apart from the mark is disclaimed.
For Oil Burners.
Claims use since July 14, 1933.

Ser. No. 377,132. TODD COMBUSTION EQUIPMENT, INC., Brooklyn, N. Y. Filed Apr. 11, 1936.

TODD
HEX-PRESS

For Mechanical Pressure Atomizing Fuel Oil Burners and Air Registers.
Claims use since Jan. 12, 1934.

Ser. No. 377,497. M. B. CHERNIAK MFG. CO., INC., New York, N. Y. Filed Apr. 22, 1936.

Royalite

For Electric Lighting Fixtures, i. e., Globes and Shades.
Claims use since June, 1930.

Ser. No. 381,293. UNITED STATES REGISTER COMPANY, Battle Creek, Mich. Filed July 21, 1936.

SEAL-PAK

For Warm Air Registers.
Claims use since Apr. 1, 1936.

CLASS 37

Paper and Stationery

Ser. No. 366,350. ACME CARD SYSTEM COMPANY, Chicago, Ill. Filed June 19, 1935.

ACME

For Cards for Visible Index or Record Equipment, Desk Diaries, Index or Record Strips, Card Signals, and Correspondence Clips.
Claims use since June 1, 1917.

Ser. No. 370,068. THILMANY PULP & PAPER COMPANY, Kaukauna, Wis. Filed Oct. 5, 1935.

GLASWHITE

For Super-Calendered Sulphite Paper Used for Wrapping or Bag-Making Purposes.
Claims use since January, 1919.

Ser. No. 380,275. GOLCO SANITARY SYSTEM, INC., Philadelphia, Pa. Filed June 26, 1936.

GOLTEX

For Toilet Paper.
Claims use since June 12, 1936.

Ser. No. 383,473. ADDISON LEWIS, Minneapolis, Minn. Filed Sept. 21, 1936.

PUL-OPE

For Envelopes.
Claims use since Mar. 16, 1936.

CLASS 38

Prints and Publications

Ser. No. 373,272. UNIVERSAL FOTOSTATUE COMPANY, Fairfield, Iowa. Filed Jan. 2, 1936.

Fotostatue

For Photographs.
Claims use since Dec. 17, 1935.

Ser. No. 380,552. ASHTON BUDD COLLINS, Birmingham, Ala. Filed July 3, 1936.



For Books, Circulars, Advertising Matter, and the Like, Sold as Such to the Trade and Issued from Time to Time.
Claims use since March, 1926.

Ser. No. 382,421. LOY BYRNES, New York, N. Y. Filed Aug. 21, 1936.



For Newspaper Comic Strip.
Claims use since July 13, 1936.

Ser. No. 382,792. GULF OIL CORPORATION, Pittsburgh, Pa. Filed Sept. 1, 1936.



The drawing is lined for blue and orange.
For Periodical Publication.
Claims use since Apr. 28, 1933.

Ser. No. 383,023. THE IRON AND STEEL PUBLISHING CO., Pittsburgh, Pa. Filed Sept. 8, 1936.

Metal Cleaning and Finishing
THE JOURNAL of the METAL FINISHING INDUSTRIES

For Periodical.
Claims use since June 25, 1936.

CLASS 39
Clothing

Ser. No. 361,098. LITTLE FALLS MANUFACTURING COMPANY, INC., Little Falls, N. Y. Filed Feb. 6, 1935.

"AJUSTEE"

For Men's, Women's, and Children's Underwear.
Claims use since Jan. 21, 1935.

Ser. No. 371,560. SHIRLEY KIDDIE TOGS, INC., New York, N. Y. Filed Nov. 14, 1935.



The words "Kiddie Tog" are disclaimed apart from the mark. The drawing is lined for red and blue.
For Infants', Children's, Juniors', and Misses' Dresses.
Claims use since 1921.

Ser. No. 373,697. LORRAINE MANUFACTURING COMPANY, Pawtucket, R. I., and New York, N. Y. Filed Jan. 15, 1936.

GENUINE
LORRAINE
Tweedo-Krash

The word "Krash" is disclaimed apart from the mark.
Applicant owns registration number 330,739, effected under the 10-year proviso.
For Women's and Girls' Skirts, Waists, Suits, Coats, and Pajamas; Children's Rompers, Dresses, and Suits; Men's and Boys' Suits, Coats, and Trousers.
Claims use since Sept. 16, 1935.

Ser. No. 373,738. LORRAINE MANUFACTURING COMPANY, Pawtucket, R. I., and New York, N. Y. Filed Jan. 16, 1936.

GENUINE
LORRAINE
MADRACORD

Applicant owns registration number 330,739, effected under the 10-year proviso.
For Women's and Girls' Skirts, Waists, Suits, Coats, and Pajamas; Children's Rompers, Dresses, and Suits; Men's and Boys' Suits, Coats, and Trousers.
Claims use since Aug. 27, 1935.

Ser. No. 376,565. ARTCRAFT SILK HOSIERY MILLS, INC., Philadelphia, Pa. Filed Mar. 30, 1936.

MAGIC TWIST

The word "Twist" apart from the mark shown is disclaimed.
For Women's Hosiery.
Claims use since January, 1931.

Ser. No. 379,006. MAX MAYER, doing business as R. J. Mayer Shoe Company, Marblehead, Mass. Filed May 28, 1936.

SPORTMASTER

For Ski-Boots, and Cleated Football, Baseball, and Track Shoes.
Claims use since May 22, 1936.

Ser. No. 380,014. MORRIS SHOE CO. INC., New York, N. Y. Filed June 20, 1936.

Vi-tal-iks

For Children's Shoes Made of Leather, Rubber, Fabric, or of combinations of These Materials.
Claims use since June 15, 1936.

Ser. No. 380,364. RELIANCE MANUFACTURING COMPANY, doing business as The Sterling Company, Chicago, Ill. Filed June 27, 1936.

Warmies

For Ladies' Pajamas and Night Gowns.
Claims use since June 10, 1936.

Ser. No. 380,759. COOPERS, INCORPORATED, Kenosha, Wis. Filed July 8, 1936.

BELLIN

For Men's Shorts.
Claims use since Mar. 13, 1936.

Ser. No. 380,765. GLENDALE SHIRT CO., INC., New York, N. Y. Filed July 8, 1936.

Glen-Flex

For Men's and Boys' Undershirts.
Claims use since June 20, 1936.

Ser. No. 380,840. MARTHA MAID MANUFACTURING COMPANY, Chicago, Ill. Filed July 9, 1936.

Queen Mary

For Women's Undergarments—Namely, Slips, Dance Sets Consisting of Panties and a Brassière, Chemises, Panties, Bloomers, Step-Ins in the Form of Underdrawers, Bed Jackets, Outer Skirts and Underskirts, Brassières, Nightgowns, Pajamas, and Negligees.
Claims use since June 20, 1936.

Ser. No. 381,025. THE WALKER T. DICKERSON COMPANY, Columbus, Ohio. Filed July 15, 1936.

DICKERSON'S
TRAMPEDIC
FLEXIBLE ARCH

The words "Flexible Arch" apart from the mark as shown are disclaimed.
For Shoes Made of Leather, Leather and Fabric, and the Combination of Leather, Rubber, and Fabric.
Claims use since Apr. 17, 1936.

Ser. No. 381,039. R. H. MACY & CO., INC., New York, N. Y. Filed July 15, 1936.

Custom Classics

The word "Custom" except as shown is disclaimed.
For Women's Hats.
Claims use since June 24, 1936.

Ser. No. 381,407. DRAPER HAT CORPORATION, New York, N. Y. Filed July 24, 1936.

World Travel

Applicant disclaims the word "Travel" except in the association shown on the drawing as "World Travel".
For Ladies' Hats.
Claims use since November, 1934.

Ser. No. 381,977. LAVINIA FISK COREY ELLIOTT, doing business as Kahala Importing Co., Los Angeles, Calif. Filed Aug. 10, 1936.

kahala

For Men's, Women's, and Children's Clothing—Namely, Hats, Blouses, Slacks, Outer Shirts, Culottes, Scarfs, Aprons, Sport Waists, and Belts for Outer Wear.
Claims use since Dec. 20, 1935.

Ser. No. 381,979. MARSHALL FIELD & COMPANY, Chicago, Ill. Filed Aug. 10, 1936.

FIELDCREST

For Women's and Children's Dresses, Coats, Sweaters, Underwear (of Both Woven and Knitted Material), Hosiery, and Gloves of Leather and/or Fabric.
Claims use since June 30, 1936.

Ser. No. 382,051. FIVE STAR SHOE CO., INC., Long Island City, N. Y. Filed Aug. 11, 1936.

STARBILT
THE MARK OF QUALITY

The phrase "The Mark of Quality" is disclaimed.
For Children's Shoes, Made of Leather, Canvas, Fabric, or Compositions or Combinations Thereof.
Claims use since June, 1936.

Ser. No. 382,454. VANITY CORSET COMPANY, INC., New York N. Y. Filed Aug. 21, 1936.

Inviso-Klasp

The word "Klasp" apart from the mark shown is disclaimed.
For Corsets, Brassières, Bandeaux, Girdles, Combination Undergarments Consisting of Corsets and Brassières and Commonly Known as Corselets, and Garter Belts.
Claims use since Aug. 3, 1936.

Ser. No. 382,481. KNIGHT SLIPPER MFG. CORP., New York, N. Y. Filed Aug. 22, 1936.

Stars by Knight

For Ladies' Slippers of Leather, Fabric, and/or Combinations of Said Materials.
Claims use since February, 1933.

Ser. No. 382,482. KRISCHER TRIMMING CORP., New York N. Y. Filed Aug. 22, 1936.

METALASTIC

The illustration of the goods apart from the mark shown is disclaimed.
For Belts for Men's Trousers and Women's Dresses.
Claims use since Aug. 10, 1936.

Ser. No. 382,621. W. L. DOUGLAS SHOE CO., Montello, Brockton, Mass. Filed Aug. 27, 1936.

The Scotsman Shoe

The word "Shoe", except as shown, is disclaimed.
For Men's, Women's, and Children's Boots, Shoes, and Slippers, Made Wholly or in Part or Leather, Rubber, Canvas, or Textile Material.
Claims use since July 9, 1936.

Ser. No. 382,904. CLASSIC KNITTERS, INC., New York, N. Y. Filed Sept. 4, 1936.

KNITTED FASHIONS
...In the Classic Manner

The words "Knitted Fashions" are disclaimed apart from the mark as shown.
For Women's and Misses' Knitted Dresses, Sweaters, and Skirts.
Claims use since January, 1935.

Ser. No. 382,924. MILBERG & MILBERG, New York, N. Y. Filed Sept. 4, 1936.

Lady Millicent

For Ladies' Underwear.
Claims use since 1932.

Ser. No. 382,967. TORCH FROCKS, INC., New York, N. Y. Filed Sept. 5, 1936.

Accent on Youth

For Ladies' Dresses, Cloaks, and Suits.
Claims use since July 25, 1935.

Ser. No. 383,043. THE UNITED WOOLEN COMPANY, Columbus, Ohio. Filed Sept. 8, 1936.

ALI BABA

For Men's and Women's Outer Garments—Namely, Suits, Top Coats, and Overcoats.
Claims use since Aug. 1, 1936.

Ser. No. 383,084. THOMAS H. BROWN HOSIERY CO., INC., Philadelphia, Pa. Filed Sept. 10, 1936.



The drawing is lined for brown.
For Hosiery.
Claims use since June 1, 1936.

Ser. No. 383,112. ABE WEINBERG, doing business as Malden Fair Co., Allentown, Pa. Filed Sept. 10, 1936.

LeMart

For Women's, Men's, and Children's Underwear.
Claims use since Dec. 31, 1933.

Ser. No. 383,129. THE H & W COMPANY, INC., New York, N. Y. Filed Sept. 11, 1936.

FASCINATE

For Brassières and Corsets and Combinations Thereof.
Claims use since Aug. 13, 1936.

Ser. No. 383,208. DEBWAY HATS, INC., New York, N. Y. Filed Sept. 14, 1936.

"KNOCK-KNOCK"

For Ladies' and Misses' Hats.
Claims use since Feb. 10, 1936.

Ser. No. 383,298. EXCELSIOR SHOES, INC., Portsmouth, Ohio. Filed Sept. 16, 1936.

RUSHEE

For Women's Shoes of Leather and Fabric and a Combination of These Materials.
Claims use since June 15, 1936.

Ser. No. 383,373. SPORTOWNE COAT CO., INC., New York, N. Y. Filed Sept. 17, 1936.

ANTHONY ADVERSE
A Sportowne
PRODUCT

The word "Product" apart from the mark as shown is disclaimed.
For Women's and Misses' Coats and Suits.
Claims use since August, 1936.

Ser. No. 383,375. TRABULSI TEXTILE CO. INC., New York, N. Y. Filed Sept. 17, 1936.

CAMELIN

For Mufflers and Scarfs.
Claims use since July 1, 1936.

Ser. No. 383,421. WHITE SWAN UNIFORMS, INC., New York, N. Y. Filed Sept. 17, 1936.

"RUGGATEX"

For Nurses' Uniforms, Uniform Dresses, House Dresses, Porch Dresses, and Daytime Frocks.
Claims use since Apr. 15, 1936.

Ser. No. 383,436. S. H. KRESS AND COMPANY, New York, N. Y. Filed Sept. 19, 1936.

KRESSCO

For Hosiery.
Claims use since January, 1915.

Ser. No. 383,483. HENRY ROSE STORES, INC., New York, N. Y. Filed Sept. 21, 1936.

Jean Rose

For Hats for Women.
Claims use since Aug. 15, 1936.

Ser. No. 383,484. HENRY ROSE STORES, INC., New York, N. Y. Filed Sept. 21, 1936.

June Rose

For Hats for Children.
Claims use since Aug. 15, 1936.

Ser. No. 383,547. J. SCHOENEMAN, INCORPORATED, Baltimore, Md. Filed Sept. 23, 1936.

Gabray

For Coats, Vests, Trousers, Knickerbockers, Top Coats, and Overcoats for Men, Youths, and Boys.
Claims use since Sept. 11, 1936.

Ser. No. 383,571. COOPERS, INCORPORATED, Kenosha, Wis. Filed Sept. 24, 1936.

Gartached

For Men's Hose.
Claims use since Sept. 15, 1936.

Ser. No. 383,583. H. LISSNER COMPANY, INC., New York, N. Y. Filed Sept. 24, 1936.

Servicetex

For Golf Knickers, Sport, Riding, and Golf Trousers, and Trousers.
Claims use since July 29, 1936.

Ser. No. 383,599. RELIANCE MANUFACTURING COMPANY, Chicago, Ill. Filed Sept. 24, 1936.



The drawing is lined for gold, red, and brown. The words "Sterling Creations" and the outline of the label are disclaimed apart from the mark.
For Ladies' Dresses.
Claims use since Sept. 11, 1936.

Ser. No. 383,631. S. W. LOVEJOY COMPANY, INCORPORATED, Arlington, Mass. Filed Sept. 25, 1936.

HeathermistCoat

The word "Coat" apart from the mark shown is disclaimed.
For Chemically Treated Silk Raincoats.
Claims use since Aug. 3, 1936.

Ser. No. 383,694. VAN RAALTE COMPANY, New York, N. Y. Filed Sept. 26, 1936.

VR-TEENS

For Women's, Misses', and Children's Underwear.
Claims use since Feb. 1, 1936.

Ser. No. 383,716. VICTOR BROWN UNDIES, INC., New York, N. Y. Filed Sept. 28, 1936.



For Ladies' Undergarments—viz., Chemises, Petticoats, Slips, Shorts, Shirts, Panties, and Step-Ins.
Claims use since Sept. 23, 1936.

Ser. No. 383,733. GLOBE KNITTING WORKS, Grand Rapids, Mich. Filed Sept. 28, 1936.



For Men's, Boys', Women's, or Children's Knit Underwear Made of Wool, Silk, Cotton, Rayon, or Combinations Thereof.
Claims use since Aug. 31, 1936.

CARNEGIE LIBRARY OF ATLANTA

CLASS 41

Canes, Parasols, and Umbrellas

Ser. No. 383,012. FOLLMER, CLOGG & CO., INC., New York, N. Y., and Lancaster, Pa. Filed Sept. 8, 1936.



For Oiled Silk Umbrellas.
Claims use since July 1, 1935.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 375,512. THE KENDALL COMPANY, Walpole, Mass. Filed Mar. 3, 1936.

CLEX

For Fibrous Lining Materials for Collars, Cuffs, and the Like, Said Lining Materials Being Composed Chiefly of Cotton or of Mixtures of Cotton with Other Fibers.
Claims use since Feb. 24, 1936.

Ser. No. 380,797. SIEGEL BROS. KIKI MAID KOATS INC., New York, N. Y. Filed July 8, 1936.

CLOUDTONE

For Piece Goods Made of Wool, Cotton, Rayon, Silk, Artificial Silk, Artificial Fibers, and Combinations of the Same.
Claims use since May 15, 1936.

Ser. No. 381,566. B. KAPLAN & COMPANY, New York, N. Y. Filed July 29, 1936.



The words "Fabrics" and "Folkston" are disclaimed apart from the mark shown.
For Woolen Piece Goods.
Claims use since October, 1935.

Ser. No. 381,591. PEERLESS TAILORED DRESSES, New York, N. Y. Filed July 29, 1936.

Whip-(bird)-Wool

The words "Whip" and "Wool" are disclaimed apart from the mark.
For Woolen Cloth—Piece Goods.
Claims use since July 21, 1936.

Ser. No. 382,496. WILLIAM WILLHEIM COMPANY, INC., New York, N. Y. Filed Aug. 22, 1936.

Famous Queens Prints

The word "Prints" except as shown is disclaimed.
For Silk, Cotton, and Rayon Piece Goods, and Combinations Thereof.
Claims use since Aug. 19, 1936.

Ser. No. 382,497. WILLIAM WILLHEIM COMPANY, INC., New York, N. Y. Filed Aug. 22, 1936.

Flowers of Nation Prints

The word "Prints" except as shown is disclaimed.
For Silk, Cotton, and Rayon Piece Goods, and Combinations Thereof.
Claims use since Aug. 19, 1936.

Ser. No. 382,500. WILLIAM WILLHEIM COMPANY, INC., New York, N. Y. Filed Aug. 22, 1936.

Prints of Fine Arts

The word "Prints" except as shown is disclaimed.
For Silk, Cotton, and Rayon Piece Goods, and Combinations Thereof.
Claims use since Aug. 19, 1936.

Ser. No. 382,501. WILLIAM WILLHEIM COMPANY, INC., New York, N. Y. Filed Aug. 22, 1936.

State Flower Prints

The word "Prints" except as shown is disclaimed.
For Silk, Cotton, and Rayon Piece Goods, and Combinations Thereof.
Claims use since Aug. 19, 1936.

Ser. No. 382,691. WILLIAM WILLHEIM COMPANY, INC., New York, N. Y. Filed Aug. 28, 1936.

Cote D'Azure Prints

The word "Prints" except as shown is disclaimed.
For Silk, Cotton, and Rayon Piece Goods, and Combinations Thereof.
Claims use since Aug. 19, 1936.

Ser. No. 382,693. WILLIAM WILLHEIM COMPANY, INC., New York, N. Y. Filed Aug. 28, 1936.

Gaiety Prints

The word "Prints" except as shown is disclaimed.
For Silk, Cotton, and Rayon Piece Goods, and Combinations Thereof.
Claims use since Aug. 25, 1936.

Ser. No. 382,695. WILLIAM WILLHEIM COMPANY, INC., New York, N. Y. Filed Aug. 28, 1936.

Perfume Prints

The word "Prints" except as shown is disclaimed.
For Silk, Cotton, and Rayon Piece Goods, and Combinations Thereof.
Claims use since Aug. 25, 1936.

Ser. No. 383,093. GLENDALE FABRICS, INC., New York, N. Y. Filed Sept. 10, 1936.

SMOOTH SAILING

For Textile Fabrics in the Piece, of Cotton, Wool, Silk, Rayon, and/or Combinations Thereof.
Claims use since December, 1934.

Ser. No. 383,094. ROBERT W. HAMILTON, New York, N. Y. Filed Sept. 10, 1936.

Lady Hamilton



CASTLE

For Cotton, Rayon, and Silk Fabrics and Combinations Thereof in the Piece.
Claims use since Nov. 21, 1934.

Ser. No. 383,116. BEAR MILL MANUFACTURING CO., INC., New York, N. Y. Filed Sept. 11, 1936.

ALAMARA

For Piece Goods of Rayon, Silk, and/or Combinations Thereof.
Claims use since July 16, 1936.

Ser. No. 383,137. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y. Filed Sept. 11, 1936.

ACE-HI

For Cotton Piece Goods.
Claims use since July 27, 1936.

Ser. No. 383,308. DANA H. GRANT, New York, N. Y. Filed Sept. 16, 1936.

jaska

For Silk, Woolen, Linen, and Cotton Piece Goods.
Claims use since Jan. 1, 1936.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 376,783. U. V. R. LABORATORIES, INC., New York, N. Y. Filed Apr. 6, 1936.

AKTINARC

For Therapeutic Electric Lamps.
Claims use since October, 1931.

Ser. No. 382,601. MERIT DENTAL PRODUCTS, INC., New York, N. Y. Filed Aug. 26, 1936.

MIR-O-CHANGE

For Dental Mirrors.
Claims use since Aug. 3, 1936.

Ser. No. 382,406. EDWARD POMERANZ, San Clemente, Calif. Filed Sept. 18, 1936.



The words "Rubber-Ice-Skull" and the representation of the goods are disclaimed apart from the mark as shown. The man's head is fanciful.
For Containers for Frozen Liquid (Similar to Ice Bags) to be Used on the Head.
Claims use since July 20, 1936.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 365,735. JEBO PRODUCTS CO., Chicago, Ill. Filed June 3, 1935.



No claim is made to the wording apart from the mark.
For Non-Alcoholic Mixer Designed to be Used in the Preparation of Alcoholic Beverages.
Claims use since Feb. 16, 1935.

Ser. No. 368,636. SAM TERRY, doing business as Valley of the Moon Fruit Juice Co., Oakland, Calif. Filed Aug. 23, 1935.



For Maltless, Non-Alcoholic Beverage and Sirup and Extracts in Making Same.
Claims use since September, 1934.

Ser. No. 378,211. MARION L. J. LAMBERT, doing business as Lambert Bottling Equipment Co., St. Louis, Mo. Filed May 8, 1936.

JUM-POP

No claim is made to the syllable "Pop" apart from the mark shown.
For Non-Alcoholic Carbonated Beverages.
Claims use since Apr. 18, 1936.

Ser. No. 381,689. PETERSEIL & DELMONT, Revere Beach, Mass. Filed July 31, 1936.

SLOPPY JOE'S

For Maltless, Nonalcoholic Beverages Sold as Soft Drinks.
Claims use since October, 1932.

Ser. No. 383,041. C. E. TREES & CO. INC., Indianapolis, Ind. Filed Sept. 8, 1936.

4 PER

For Non-alcoholic, Non-cereal, Maltless Beverage, Sold as Soft Drink, Sirup and Extract for Making the Same.
Claims use since Feb. 13, 1936.

Ser. No. 383,118. JAMESON GEORGE BUSTON, North Tazewell, Va. Filed Sept. 11, 1936.

DixieBelle

For Cola Beverage Sold as a Soft Drink and Sirup and Extract for Making the Same.
Claims use since January, 1935.

Ser. No. 383,306. FORT DODGE BOTTLING WORKS, INC., Fort Dodge, Iowa. Filed Sept. 16, 1936.

Thank You
Ft. Dodge

For Non-alcoholic, Non-cereal, Maltless Beverages, Sold as Soft Drinks and Sirups and Extracts for Making the Same.
Claims use since May, 1936.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 363,953. WILLIAM D. UTZ, Hanover, Pa. Filed Apr. 18, 1935.



The picture is fanciful.
For Potato Chips.
Claims use since May, 1927.

Ser. No. 364,764. ESKIMO PIE CORPORATION, Brooklyn, N. Y. Filed May 10, 1935.

THE NEW
ESKIMO
PIE

For Frozen Confectionery, Including Chocolate Coated Ice Cream Bars.
Claims use since June, 1927.

Ser. No. 368,694. C. B. GRAY, doing business as Bloomsburg Packing Company, Bloomsburg, Pa. Filed Aug. 26, 1935.

SHAWNEE

For Canned Vegetables.
Claims use since 1905.

Ser. No. 372,188. CONTINENTAL MILLS, INC., Seattle, Wash. Filed Nov. 26, 1935.

KRUSTEAZ

For Prepared Pie-Crust.
Claims use since June, 1932.

Ser. No. 374,714. THE GRAHAM CO. INC., New York, N. Y. Filed Feb. 11, 1936.

REDBOW

For Shelled and Unshelled Nuts, Rice, and Dried Vegetables.
Claims use since Jan. 16, 1924.

Ser. No. 376,436. LIFEX FOOD PRODUCTS COMPANY, New York, N. Y. Filed Mar. 26, 1936.

LIFEX

For Canned Vegetables for Soup and Broth.
Claims use since July 1, 1934.

Ser. No. 377,558. S. TANNENBAUM, Chicago, Ill. Filed Apr. 23, 1936.

CARMEL FOODS

The word "Foods" apart from the mark as shown is disclaimed.
For Packaged Foods—Namely, Pearl Barleys, Brown Buckwheat, Buckwheat Flour, Green Split Peas, Yellow Split Peas, Soup Mix, Tapioca, New York Fancy Grits, Steel Cut Oats, Lentils, Nahit (Chic Peas), Millet Seeds, Lima Beans, Navy Beans, Great Northern Beans, Chili Beans.
Claims use since November, 1935.

Ser. No. 379,281. SUPERIOR BRANDS INC., Jersey City, N. J. Filed June 4, 1936.

SUPERIOR BRANDS
SOY-A-TENE
1440 BROADWAY NEW YORK, N.Y.

The words "Superior Brands—Certified—1440 Broadway—New York, N. Y." and "Soy-A" are disclaimed apart from the mark as shown. The representation of a label, per se, is disclaimed.
For Soya Flour for Baking Purposes.
Claims use since Feb. 4, 1936.

Ser. No. 379,929. GENERAL MILLS, INC., Minneapolis, Minn. Filed June 19, 1936.

Satin Finish

The drawing is lined for blue, red, green, and yellow.
For Flour, Particularly Wheat Flour.
Claims use since Sept. 18, 1935.

Ser. No. 379,930. GENERAL MILLS, INC., Minneapolis, Minn. Filed June 19, 1936.

SOUTHERN
DELIGHT

For Flour, Particularly Wheat Flour, Self Rising Flour, and Wheat Flour with Phosphate Added.
Claims use since Mar. 23, 1936.

Ser. No. 380,453. M. L. GRAHAM, Seattle, Wash. Filed June 30, 1936.

COON CHICKEN

The word "Chicken" apart from the mark as shown is disclaimed.
For Mayonnaise, Salad Dressing, Cooked Chicken, Canned Soups of all Kinds, Cooked Turkey, Noodles, Sandwich Bread, Canned Spaghetti, Raviola, Chop Suey, Chicken a la King, Chicken and Noodles, Chicken Sandwich Spread.
Claims use since May, 1925.

Ser. No. 380,717. MORRIS ROSENBERG, Los Angeles, Calif. Filed July 7, 1936.

NUTS
to
YOU

The word "Nuts" apart from the mark as shown is disclaimed.
For Nuts—Namely, Salted Pecans, Pine Nuts, Filberts, Walnut Meats, Macadamia Nuts, Salted Almonds, Brazil Nuts, Salted Pignolias, Salted Peanuts, Salted Cashews, Pili Nuts, Salted Pistachios, and Chestnuts.
Claims use since June 18, 1936.

Ser. No. 381,146. JEAN SEAMAN, Glendale, Calif. Filed July 17, 1936.

AVOCOOKIES
1322 E. CALIFORNIA AVE.
GLENDALE, CALIFORNIA

The wording "1322 East California Ave., Glendale, California" is disclaimed except as shown.
For Avocado Cookies.
Claims use since June 1, 1935.

Ser. No. 381,546. PACIFIC NORTHWEST FRUITS, INC., Yakima, Wash. Filed July 29, 1936.

"OLD DOC APPLE"

The word "Apple" apart from the mark shown is disclaimed.
For Fresh Apples.
Claims use since June 24, 1936.

Ser. No. 381,623. IOWANA FARMS MILK CO., Bettendorf, Iowa. Filed July 30, 1936.

IOWANA FARMS

For Milk, Ice Cream, and Dairy Products—Namely, Cottage Cheese and Butter.
Claims use since 1910.

Ser. No. 381,673. IOWANA FARMS MILK CO., Bettendorf, Iowa. Filed July 31, 1936.

IOWANA FARMS

For Milk, Ice Cream, and Dairy Products—Namely, Cottage Cheese and Butter.
Claims use since Apr. 25, 1930.

Ser. No. 381,862. BROOKE, BOND & COMPANY, LIMITED, London, England. Filed Aug. 6, 1936.



The words "Dividend", "Tea", and "Digestive Tea" apart from the mark shown are disclaimed.
For Tea.
Claims use since Jan. 6, 1936.

Ser. No. 381,863. BROOKE, BOND & COMPANY, LIMITED, London, England. Filed Aug. 6, 1936.



The words "Tea" and "Dividend Tea" apart from the mark shown are disclaimed.
For Tea.
Claims use since Sept. 23, 1935.

Ser. No. 382,539. V. VIVIANO & BROS., MACARONI MFG. CO., INC., St. Louis, Mo. Filed Aug. 24, 1936.



The words "Grand Prize" apart from the mark as shown are disclaimed.
For Alimentary Pastes, Including Macaroni and Spaghetti.
Claims use since July 15, 1936.

Ser. No. 383,144. BARNET L. STEIN, Chicago, Ill. Filed Sept. 11, 1936.

Dutch Mill

For Ice Cream.
Claims use since June 16, 1931.

Ser. No. 383,186. SUN HARBOR PACKING CORP., San Diego, Calif. Filed Sept. 12, 1936.

SUN HARBOR

For Canned Fish.
Claims use since July, 1925.

Ser. No. 383,187. SUN HARBOR PACKING CORP., San Diego, Calif. Filed Sept. 12, 1936.

WHITE BREAKERS

For Canned Tuna Flakes, Bonita, and Yellowtail.
Claims use since July, 1932.

Ser. No. 383,257. CASEIN COMPANY OF AMERICA, INC., New York, N. Y. Filed Sept. 15, 1936.

CERTORA

For Dry Skimmed Milk.
Claims use since July 6, 1936.

Ser. No. 383,276. U. S. INDUSTRIAL ALCOHOL CO., New York, N. Y. Filed Sept. 15, 1936.

Vacatone

For Dried Fermented Molasses Yeast Product Used as a Poultry and Livestock Feed Supplement.
Claims use since Sept. 30, 1931.

Ser. No. 383,291. APPALACHIAN APPLES, INC., Martinsburg, W. Va. Filed Sept. 16, 1936.

APPALACHIAN

For Fresh Apples.
Claims use since Sept. 3, 1936.

Ser. No. 383,312. R. D. KEENE, INC., Winter Garden, Fla. Filed Sept. 16, 1936.

CARILLON

For Fresh Citrus Fruits.
Claims use since Sept. 3, 1936.

Ser. No. 383,313. R. D. KEENE, INC., Winter Garden, Fla. Filed Sept. 16, 1936.

DIPPER

For Fresh Citrus Fruits.
Claims use since Sept. 3, 1936.

Ser. No. 383,634. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Filed Sept. 25, 1936.

OVEN EZE

For Wheat Flour.
Claims use since Apr. 9, 1936.

Ser. No. 383,635. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Filed Sept. 25, 1936.

SPRING-MOR

For Wheat Flour.
Claims use since Aug. 20, 1936.

Ser. No. 383,636. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Filed Sept. 25, 1936.

SPRING EZE

For Wheat Flour.
Claims use since Mar. 10, 1936.

CLASS 47

Wines

Ser. No. 378,105. JULIUS WILE SONS & CO., INC., New York, N. Y. Filed May 6, 1936.

ALHAMBRA SHERRY

The word "Sherry" is disclaimed apart from the mark.
For Sherry.
Claims use since July 1, 1902.

Ser. No. 383,614. BEAR CREEK VACUUM WINE COMPANY, Lodi, Calif. Filed Sept. 26, 1936.

NO-TAMPA-CAN

The word "Can" apart from the mark is disclaimed.
For Wines.
Claims use since Sept. 5, 1936.

CLASS 48

Malt Beverages and Liquors

Ser. No. 380,401. KUEBLER BREWING COMPANY, INC., Easton, Pa. Filed June 29, 1936.





The portrait is fanciful.
For Beer, Ale, and Porter.
Claims use since Apr. 30, 1933.

Ser. No. 380,463. GABRIEL U. JOS. SEDLMAYR SPATEN-FRANZISKANER-LEISTBRÄU A.-G. MÜNCHEN, Munich, Germany. Filed June 30, 1936.

Spaten-Urmärzen

The word "Urmärzen" apart from the mark shown is disclaimed.
For Beer, Heavy Beer, Porter, Ale, Wheat Beer Wort, Beverage Wort, Malt Beer, Dietetic Hygienic Beer, Beer Like Beverages, and Color Beer.
Claims use since Apr. 18, 1936.

Ser. No. 383,230. THE SCHORR-KOLKSCHNEIDER BREWING COMPANY, St. Louis, Mo. Filed Sept. 14, 1936.

BRUIN

For Beer and Other Malt Beverages.
Claims use since Sept. 1, 1936.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 383,967. WASHINGTON WHOLESALE LIQUOR CORPORATION, Washington, D. C. Filed Oct. 3, 1936.

AIRPORT

For Whiskey.
Claims use since June 7, 1934.

Ser. No. 383,968. WASHINGTON WHOLESALE LIQUOR CORPORATION, Washington, D. C. Filed Oct. 3, 1936.

GOLDEN MILLER

For Whiskey.
Claims use since Apr. 30, 1936.

Ser. No. 384,023. BARBET & FOURNIER, Bordeaux, France. Filed Oct. 6, 1936.



No claim is made to any wording except "Ara" and "Barbet & Fournier".
For Rum.
Claims use since April 1935.

Ser. No. 384,045. NATIONAL DISTILLERS PRODUCTS CORPORATION, New York, N. Y. Filed Oct. 6, 1936.

MELLWOOD

For Whiskey.
Claims use since Dec. 1, 1868.

Ser. No. 384,064. THREE G DISTILLERY CORP., Burbank, Calif. Filed Sept. 21, 1936.

Town Pump

Straight Bourbon Whiskey

No claim is made to the words "Straight Bourbon Whiskey" apart from the mark shown.
For Whiskey.
Claims use since May 22, 1935.

Ser. No. 384,076. JOSEPH S. FINCH AND COMPANY, New York, N. Y. Filed Oct. 7, 1936.

LOCHINVAR

For Whiskey, Gin, Rum, Brandy, and Alcoholic Cordials.
Claims use since Sept. 11, 1936.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 381,908. HAZEL-ATLAS GLASS COMPANY, Wheeling, W. Va. Filed Aug. 7, 1936.

ATLAS

SEAL-ALL

MASON

The word "Mason" is disclaimed except as shown.
For Closures for Receptacles.
Claims use since Feb. 26, 1936.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

NOVEMBER 17, 1936

340,543. BATH SALTS AND WATER SOFTENER. YARDLEY OF LONDON, INC., Union City, N. J.
Filed April 27, 1935. Serial No. 364,315. PUBLISHED AUGUST 25, 1936. Class 6.

340,544. ANTI-FREEZE SOLUTION FOR AUTOMOBILES. R. E. POOLE CHEMICAL CO., Harlan, Iowa.
Filed May 15, 1935. Serial No. 364,971. PUBLISHED AUGUST 6, 1935. Class 6.

340,545. METAL POLISH. UNION OIL COMPANY OF CALIFORNIA, Los Angeles, Calif.
Filed May 25, 1935. Serial No. 365,400. PUBLISHED SEPTEMBER 1, 1936. Class 4.

340,546. GIN. FRANKFORT DISTILLERIES, INCORPORATED, Louisville, Ky.
Filed June 7, 1935. Serial No. 365,878. PUBLISHED JULY 23, 1935. Class 49.

340,547. GIN. F-C-G IMPORTERS, INC., New York, N. Y.
Filed June 20, 1935. Serial No. 366,411. PUBLISHED SEPTEMBER 8, 1936. Class 49.

340,548. RUM. PARK, BENZIGER & CO., INC., New York, N. Y.
Filed July 17, 1935. Serial No. 367,406. PUBLISHED SEPTEMBER 8, 1936. Class 49.

340,549. REFRIGERATED DISPLAY CASES FOR THE PRESERVATION OF FOODSTUFFS. HUSSMANN-LIGONIER COMPANY, St. Louis, Mo.
Filed July 19, 1935. Serial No. 367,467. PUBLISHED SEPTEMBER 8, 1936. Class 31.

340,550. GIN, WHISKEY, RUM, CORDIALS, AND LIQUEURS. MANY, BLANC & CO., INC., Chicago, Ill.
Filed September 16, 1935. Serial No. 369,365. PUBLISHED OCTOBER 22, 1935. Class 49.

340,551. TOILET TISSUE. WHEELER PAPER CORPORATION, Albany, N. Y.
Filed November 23, 1935. Serial No. 371,945. PUBLISHED SEPTEMBER 8, 1936. Class 37.

340,552. WINES. PACIFIC COAST BRANDS LTD., San Francisco, Calif.
Filed December 11, 1935. Serial No. 372,528. PUBLISHED SEPTEMBER 8, 1936. Class 47.

340,553. PREPARATION USED AS A FOUNDATION FOR STOCK FEEDS, DAIRY RATIONS, PIG FEED, POULTRY FEED, BIRD FEED, OR DOG FEED, OR USED AS A SELF-SUFFICIENT FEED IN ITSELF. RAYMON O. KLEPINGER, doing business as Syntha-Milk Laboratories, Ingomar, Ohio.
Filed December 21, 1935. Serial No. 372,916. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,554. MEMORANDUM BOOKS, CALENDAR BOOKS, AND PHOTOGRAPH ALBUMS. NASCON SERVICE, INC., New York, N. Y.
Filed January 8, 1936. Serial No. 373,460. PUBLISHED SEPTEMBER 8, 1936. Class 37.

340,555. COUGH MIXTURE. TREBOR CHEMICAL COMPANY, INC., New York, N. Y.
Filed January 9, 1936. Serial No. 373,513. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,556. GENERAL TONIC. TREBOR CHEMICAL COMPANY, INC., New York, N. Y.
Filed January 9, 1936. Serial No. 373,514. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,557. COATS FOR WOMEN AND MISSES. PETRIE'S INC., New York, N. Y.
Filed January 18, 1936. Serial No. 373,838. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,558. AMMUNITION—NAMELY, SHOT GUN SHELLS. WAYNE HUNT, doing business as Wayne Hunt Co., Minneapolis, Minn.
Filed January 28, 1936. Serial No. 374,188. PUBLISHED SEPTEMBER 8, 1936. Class 9.

340,559. GOLF BALLS. THE CRAWFORD, MCGREGOR AND CANBY COMPANY, Dayton, Ohio.
Filed January 30, 1936. Serial No. 374,286. PUBLISHED SEPTEMBER 8, 1936. Class 22.

340,560. LEATHER IN THE PIECE. CHARLES S. WALTON & CO. INCORPORATED, Philadelphia, Pa.
Filed June 2, 1936. Serial No. 379,222. PUBLISHED SEPTEMBER 8, 1936. Class 1.

340,561. FACIAL TISSUE. MODERN TISSUES CORP., New York, N. Y.
Filed June 3, 1936. Serial No. 379,254. PUBLISHED SEPTEMBER 8, 1936. Class 37.

340,562. MEN'S HAIR TONIC FOR OILY HAIR, MEN'S HAIR TONIC FOR FALLING HAIR AND DANDRUFF, MEN'S HAIR TONIC FOR DRY HAIR, MEN'S PINE SOAPLESS SHAMPOO, MEN'S OLIVE-CASTILE SHAMPOO, MEN'S ALOPECIA LOTION, FOR PATCHY BALDNESS, MEN'S RECONDITIONING OIL, MEN'S SPECIAL OINTMENT FOR HEALING ALL IRRITATIONS OF THE SCALP AND COUNTERACTING RASH, CHAFING, CUTS, BURNS, ACNE, AND ECZEMA, MEN'S CREME HAIR DRESSING, AND MEN'S SCALP POMADE. OGILVIE SISTERS LABORATORIES, INC., New York, N. Y.
Filed June 4, 1936. Serial No. 379,310. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,563. MAGAZINE PUBLISHED MONTHLY AND AT OTHER INTERVALS. MAGAZINE PUBLISHERS, INC., New York, N. Y.
Filed June 5, 1936. Serial No. 379,347. PUBLISHED SEPTEMBER 8, 1936. Class 38.

340,564. PREPARATION FOR THE TREATMENT OF ARTHRITIS AND RHEUMATISM. IDA PEARL QUARLES, doing business as Mrs. Pearl Quarles, Akron, Ohio.
Filed June 5, 1936. Serial No. 379,352. PUBLISHED AUGUST 25, 1936. Class 6.

340,565. DENTAL MIRRORS. HARRY SEYMOUR KUKLIN, doing business as The Visionaire Company, New York, N. Y.
Filed June 6, 1936. Serial No. 379,381. PUBLISHED SEPTEMBER 8, 1936. Class 44.

340,566. MUSICAL PROGRAMS. NATIONAL SYMPHONY ORCHESTRA ASSOCIATION OF WASHINGTON, D. C., Washington, D. C.
Filed June 6, 1936. Serial No. 379,387. PUBLISHED SEPTEMBER 8, 1936. Class 38.

340,567. SHEET METAL ROOFING. GULF STATES STEEL CO., Birmingham, Ala.
Filed June 8, 1936. Serial No. 379,426. PUBLISHED SEPTEMBER 8, 1936. Class 12.

340,568. JUVENILES', BOYS', STUDENTS', MEN'S, MISSES', AND WOMEN'S JACKETS, VESTS, COATS, AND PANTS. BERTHOLD LAMM, Baltimore, Md.
Filed June 8, 1936. Serial No. 379,434. PUBLISHED SEPTEMBER 1, 1936. Class 39.

340,569. MEDICAL COMPOUND RECOMMENDED FOR HEPATIC TORPOR AND LIVER DISORDERS WHERE OXGALL COMBINATIONS ARE INDICATED. THE WARREN-TEED PRODUCTS COMPANY, Columbus, Ohio.
Filed June 9, 1936. Serial No. 379,494. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,570. TOILET TISSUE. A. P. W. PAPER COMPANY, INC., Albany, N. Y.
Filed April 11, 1936. Serial No. 377,090. PUBLISHED SEPTEMBER 8, 1936. Class 37.

340,571. WOMEN'S COATS. HARRY ADLER, New York, N. Y.
Filed July 24, 1936. Serial No. 381,396. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,572. PHOTOGRAPHIC CHEMICALS AND PARTICULARLY FOR PHOTOGRAPHIC DEVELOPER. AGFA ANSCO CORPORATION, Binghamton, N. Y.
Filed July 10, 1936. Serial No. 380,854. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,573. MEDICINAL PREPARATION, PARTICULARLY VIOSTEROL. AMERICAN RESEARCH PRODUCTS, INC., Minneapolis, Minn.
Filed July 13, 1936. Serial No. 380,939. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,574. MEDICINAL PREPARATION, PARTICULARLY VIOSTEROL. AMERICAN RESEARCH PRODUCTS, INC., Minneapolis, Minn.
Filed July 13, 1936. Serial No. 380,940. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,575. VACUUM BOTTLES. THE AMERICAN THERMOS BOTTLE COMPANY, Norwich, Conn.
Filed July 27, 1936. Serial No. 381,472. PUBLISHED SEPTEMBER 8, 1936. Class 2.

340,576. AGRICULTURAL INSECTICIDAL AND FUNGICIDAL MATERIAL. ANSBACHER SIEGLE CORPORATION, Brooklyn, N. Y.
Filed March 24, 1936. Serial No. 376,326. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,577. MISSES' AND LADIES' HAND AND MACHINE MADE SILK, COTTON, AND/OR RAYON UNDERWEAR, INCLUDING NEGLIGEES, PAJAMAS, AND ROBES. AQUILLA, INC., New York, N. Y.
Filed April 11, 1936. Serial No. 377,092. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,578. WOMEN'S HOSIERY. ARTCRAFT SILK HOSIERY MILLS, INC., Philadelphia, Pa.
Filed July 20, 1935. Serial No. 367,486. PUBLISHED DECEMBER 10, 1935. Class 39.

340,579. PREPARATION FOR SUPPLYING ORGANIC SEA MINERALS IN READILY ASSIMILABLE FORM. JOHN M. BAIR, doing business as The Kelpamalt Co., New York, N. Y., assignor to Associated Laboratories, Inc., New York, N. Y., a corporation of New York.
Filed July 8, 1936. Serial No. 380,744. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,580. PREPARATION FOR SUPPLYING ORGANIC SEA MINERALS IN READILY ASSIMILABLE FORM. JOHN M. BAIR, doing business as The Kelpamalt Co., New York, N. Y., assignor to Associated Laboratories, Inc., New York, N. Y., a corporation of New York.
Filed July 8, 1936. Serial No. 380,745. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,581. KNITTING AND TEXTILE YARNS AND THREADS. DOROTHY B. BARBOUR, Boston, Mass.
Filed May 12, 1936. Serial No. 378,355. PUBLISHED SEPTEMBER 8, 1936. Class 43.

340,582. GAME PLAYED WITH A BOARD AND PLAYING CARDS, AND FOR SUCH GAME BOARD. WILLIAM I. BARTON, Camden, N. J.
Filed July 11, 1936. Serial No. 380,902. PUBLISHED SEPTEMBER 8, 1936. Class 22.

340,583. MEDICINES FOR HUMANS, DOGS, CATS, AND FOWL, TO BE USED WHERE BODILY DISORDERS INDICATE A DEFICIENCY OF VITAMINS A, D, OR E. A. R. BEAMON, doing business as Nutritional Aids Co., Los Angeles, Calif.
Filed May 27, 1936. Serial No. 379,166. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,584. COLD-REDUCED TIN PLATE. BETHLEHEM STEEL COMPANY, Bethlehem, Pa.
Filed July 29, 1936. Serial No. 381,551. PUBLISHED SEPTEMBER 8, 1936. Class 14.

340,585. SOCIAL REGISTER PUBLISHED BIANNUALLY. BLUE BOOK PUBLISHING COMPANY, Miami, Fla.
Filed May 12, 1936. Serial No. 378,421. PUBLISHED SEPTEMBER 8, 1936. Class 38.

340,586. SOAPS, SOAP PREPARATIONS, ABRASIVE PREPARATIONS, POLISHING PREPARATIONS FOR METAL AND SHOES, WASHING AND BLEACHING PREPARATIONS, SPOT-REMOVING PREPARATIONS, AND CLEANING AND SCOURING PREPARATIONS. BÖHME FETTCHEMIE-GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, Chemnitz, Germany.
Filed March 28, 1936. Serial No. 376,522. PUBLISHED SEPTEMBER 1, 1936. Class 4.

340,587. INSECTICIDES. THE BOEDMAN CO., Philadelphia, Pa.
Filed June 2, 1936. Serial No. 379,184. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,588. PERFUME, TOILET WATER, EAU DE COLOGNE, HAIR LOTION, FACE POWDER, TALCUM POWDER, DUSTING POWDER, SACHET, ETC. BOURJOIS, INC., New York, N. Y.
Filed July 6, 1936. Serial No. 380,612. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,589. PERFUME, TOILET WATER, EAU DE COLOGNE, HAIR LOTION, FACE POWDER, TALCUM POWDER, DUSTING POWDER, SACHET, ETC. BOURJOIS, INC., New York, N. Y.
Filed July 6, 1936. Serial No. 380,613. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,590. PERFUME, TOILET WATER, EAU DE COLOGNE, HAIR LOTION, FACE POWDER, TALCUM POWDER, DUSTING POWDER, SACHET, ETC. BOURJOIS, INC., New York, N. Y.
Filed July 6, 1936. Serial No. 380,614. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,591. FACE POWDER. BOURJOIS, INC., New York, N. Y.
Filed July 6, 1936. Serial No. 380,615. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,592. FACE POWDER AND DUSTING POWDER. BOURJOIS, INC., New York, N. Y.
Filed July 6, 1936. Serial No. 380,616. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,593. PERFUME, TOILET WATER, EAU DE COLOGNE, HAIR LOTION, FACE POWDER, TALCUM POWDER, DUSTING POWDER, SACHET, ETC. BOURJOIS, INC., New York, N. Y.
Filed July 6, 1936. Serial No. 380,617. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,594. PERFUME, TOILET WATER, TALCUM POWDER, BATH CRYSTALS, BATH OIL, SACHET, AND HAIR LOTION. BOURJOIS, INC., New York, N. Y.
Filed July 6, 1936. Serial No. 380,618. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,595. PERFUME, TOILET WATER, EAU DE COLOGNE, HAIR LOTION, FACE POWDER, TALCUM POWDER, DUSTING POWDER, SACHET, ETC. BOURJOIS, INC., New York, N. Y.
Filed July 8, 1936. Serial No. 380,752. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,596. MEDICINAL PREPARATIONS FOR THE TREATMENT OF BURNS. GEORGE A. BREON & COMPANY, INCORPORATED, Kansas City, Mo.
Filed June 22, 1936. Serial No. 380,032. PUBLISHED AUGUST 25, 1936. Class 6.

340,597. MEDICINAL PREPARATIONS FOR THE TREATMENT OF WOUNDS. GEORGE A. BREON & COMPANY, INCORPORATED, Kansas City, Mo.
Filed June 22, 1936. Serial No. 380,033. PUBLISHED AUGUST 25, 1936. Class 6.

340,598. MONTHLY PUBLICATION. BRESKIN & CHARLTON PUBLISHING CORPORATION, New York, N. Y.
Filed June 25, 1936. Serial No. 380,186. PUBLISHED SEPTEMBER 8, 1936. Class 38.

340,599. REFRIGERATING CABINETS. JOHN M. BRUCE, New York, N. Y.
Filed July 28, 1936. Serial No. 381,526. PUBLISHED SEPTEMBER 8, 1936. Class 31.

340,600. REDUCING BANDS. CARL M. BURMAN, New York, N. Y.
Filed May 15, 1936. Serial No. 378,479. PUBLISHED SEPTEMBER 8, 1936. Class 44.

340,601. LINIMENT SUITABLE FOR INTERNAL AND EXTERNAL USE FOR THE RELIEF OF PAIN, TOOTHACHE, HEADACHE, NEURALGIA, COLIC, CHOLERA MORBUS, AND RHEUMATISM, AND FOR APPLICATION FOR SORES, CUTS, BURNS, BRUISES, SPRAINS, OR FROST BITE, AND SIMILAR AILMENTS. RILEY T. BROCK, St. Louis, Mo.
Filed June 13, 1936. Serial No. 379,667. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,602. BAY RUM. ANTONIO CAJIGAS, doing business as Boricua Medicine Company, New York, N. Y.
Filed May 22, 1936. Serial No. 378,736. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,603. ANTISEPTIC AND DEODORANT FOR FEMININE HYGIENE. CALIFORNIA DENTAL SUPPLY CO., Los Angeles, Calif.
Filed July 8, 1936. Serial No. 380,754. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,604. CELLULAR EARTHENWARE BODIES ADAPTED TO BE SATURATED WITH WATER AND PLACED IN AIR CURRENTS FOR THE PURPOSE OF COOLING AND HUMIDIFYING THE AIR. DANA A. CANNON, doing business as D. A. Cannon & Co., North Sacramento, Calif.
Filed August 30, 1935. Serial No. 368,837. PUBLISHED SEPTEMBER 8, 1936. Class 30.

340,605. ANTI-FREEZE COMPOUNDS. CARBIDE AND CARBON CHEMICALS CORPORATION, New York, N. Y.
Filed April 22, 1936. Serial No. 377,495. PUBLISHED JUNE 23, 1936. Class 6.

340,606. PREPARATION FOR THE TREATMENT OF INDIGESTION, FLATULENCE, ACIDITY, AND NAUSEA, AND AS AN AID TO DIGESTION. CAROL PHARMACEUTICAL COMPANY, New Brunswick, N. J.
Filed July 1, 1936. Serial No. 380,470. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,607. LIVER AND OTHER CANNED HASH AND PEANUT BUTTER. CASTLEBERRY FOOD CO., INC., Augusta, Ga.
Filed March 29, 1935. Serial No. 363,155. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,608. BOX COVERS, DISPLAY BOXES, CONTAINERS, AND FRONTS FOR CONTAINERS MADE FROM PLASTIC MATERIAL. CELLULOID CORPORATION, Newark, N. J.
Filed June 27, 1936. Serial No. 380,341. PUBLISHED SEPTEMBER 8, 1936. Class 2.

340,609. YARNS. CELLULOID CORPORATION, Newark, N. J.
Filed July 7, 1936. Serial No. 380,695. PUBLISHED SEPTEMBER 8, 1936. Class 43.

340,610. MEN'S DRESS, NEGLIGEE, AND WORK SHIRTS. CENTRAL STATES DEPARTMENT STORES, INC., Chicago, Ill.
Filed June 10, 1936. Serial No. 379,504. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,611. MISSES' AND JUNIORS' COATS AND SUITS. CHARNAY & KARP, INC., New York, N. Y.
Filed June 25, 1936. Serial No. 380,187. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,612. BRAKE FLUID. CHICAGO HYDRAULIC OIL CO., Chicago, Ill.
Filed June 22, 1936. Serial No. 380,034. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,613. MEDICINE FOR PILES. CHICAGO PHARMACAL CO., Chicago, Ill.
Filed May 29, 1936. Serial No. 379,032. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,614. WHISKEY. COFFEY DISTILLING COMPANY, INCORPORATED, Fisherville and Louisville, Ky.
Filed June 13, 1936. Serial No. 379,672. PUBLISHED SEPTEMBER 8, 1936. Class 49.

340,615. WHISKEY. COFFEY DISTILLING COMPANY, INCORPORATED, Fisherville and Louisville, Ky.
Filed June 13, 1936. Serial No. 379,677. PUBLISHED SEPTEMBER 8, 1936. Class 49.

340,616. CLOCKS. COLONIAL MANUFACTURING COMPANY, Zeeland, Mich.
Filed May 22, 1936. Serial No. 378,739. PUBLISHED SEPTEMBER 8, 1936. Class 27.

340,617. CHILDREN'S VEHICLES—NAMELY, BICYCLES, VELOCIPEDES, AND TRICYCLES. THE COLSON CORPORATION, Elyria, Ohio.
Filed June 11, 1936. Serial No. 379,550. PUBLISHED SEPTEMBER 8, 1936. Class 22.

340,618. SEMI-MONTHLY PUBLICATION. THE CONDÉ NAST PUBLICATIONS, INC., New York, N. Y.
Filed June 11, 1936. Serial No. 379,580. PUBLISHED SEPTEMBER 8, 1936. Class 38.

340,619. METAL SURFACE SHEATHING. COPPER PROTECTED ROOFING COMPANY, INC., Orlando, Fla.
Filed July 1, 1936. Serial No. 380,471. PUBLISHED SEPTEMBER 1, 1936. Class 12.

340,620. HOSIERY. CROWN HOSIERY MILLS, High Point, N. C.
Filed November 26, 1934. Serial No. 358,629. PUBLISHED APRIL 2, 1935. Class 39.

340,621. PERIODICALS PUBLISHED MONTHLY. DELL PUBLISHING COMPANY, INC., New York, N. Y.
Filed July 7, 1936. Serial No. 380,702. PUBLISHED SEPTEMBER 8, 1936. Class 38.

340,622. SERVICE STATION EQUIPMENT—NAMELY, MEASURING PUMPS. DERBY OIL COMPANY, Wichita, Kans.
Filed February 29, 1936. Serial No. 375,378. PUBLISHED MAY 26, 1936. Class 26.

340,623. PREPARATION FOR THE TREATMENT OF CONSTIPATION. CHANON A. DESHELL, Los Angeles, Calif.
Filed April 27, 1936. Serial No. 377,673. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,624. MACHINABLE, WATERPROOFED, HOMOGENEOUS COMPOSITE PRESSED PAPER PRODUCT IMPREGNATED WITH A PHENOLIC PLASTIC SUBSTANCE AND FABRICATED INTO A GLOSS FINISHED RIGID SHEET FORM APTLY FITTED FOR INNUMERABLE USES AND PARTICULARLY IN THE REFRIGERATION, AUTOMOTIVE AND BUILDING INDUSTRIES. DETROIT PAPER PRODUCTS CORPORATION, Detroit, Mich.
Filed April 16, 1936. Serial No. 377,265. PUBLISHED SEPTEMBER 8, 1936. Class 12.

340,625. COFFEE AND TEA. DWINELL-WRIGHT COMPANY, Boston, Mass.
Filed July 2, 1936. Serial No. 380,502. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,626. COFFEE AND TEA. DWINELL-WRIGHT COMPANY, Boston, Mass.
Filed July 2, 1936. Serial No. 380,503. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,627. ASTRINGENTS, ASTRINGENT CERATES, BEAUTY CREAMS, BLEACH CREAMS, COLD CREAMS, CLEANSING CREAMS, ETC. DIMITRI DUMAS, New York, N. Y.
Filed June 17, 1936. Serial No. 379,832. PUBLISHED AUGUST 25, 1936. Class 6.

340,628. SUMMER SUITS FOR MEN AND YOUNG MEN. EAGLE CLOTHES, New York, N. Y.
Filed July 21, 1936. Serial No. 381,265. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,629. MEDICINAL PREPARATION FOR THE TREATMENT OF ITCHING AND BLEEDING PILES AND RECTAL FISSURES. C. F. EKLUND, Pasadena, Calif.
Filed July 7, 1936. Serial No. 380,704. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,630. PREPARATION DESIGNED TO BE USED FOR THE TREATMENT OF CORNS, CALLOUSES, CRACKED SKIN, AND ATHLETE'S FOOT. ELLIS LABORATORIES, INC., doing business as Ellis Laboratories, Chicago, Ill.
Filed June 18, 1936. Serial No. 379,886. PUBLISHED AUGUST 25, 1936. Class 6.

340,631. OINTMENT AND LINIMENTS FOR EXTERNAL HUMAN USE IN THE TREATMENT OF NEURALGIA, NEURITIS, SCIATICA, LUMBAGO, RHEUMATISM, AND KINDRED AILMENTS. EROLEN LIMITED, London, England.
Filed July 7, 1936. Serial No. 380,706. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,632. PREPARATION USED IN THE TREATMENT OF GOUT, RHEUMATISM, LUMBAGO, ARTHRITIS, SCIATICA, PAINS OF THE MUSCLES AND JOINTS, AND STIFFNESS OF THE JOINTS. ETABLISSEMENTS PASTIVAL SOCIÉTÉ À RESPONSABILITÉ LIMITÉE, Paris France.
Filed June 24, 1936. Serial No. 380,138. PUBLISHED AUGUST 25, 1936. Class 6.

340,633. PREPARATION FOR THE TREATMENT OF ARTHRITIS, DISEASES OF THE CIRCULATION, NERVOUS DISEASES. ETABLISSEMENTS PASTIVAL, SOCIÉTÉ À RESPONSABILITÉ LIMITÉE, Paris, France.
Filed June 24, 1936. Serial No. 380,139. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,634. TONIC AND STIMULANT USED IN CASES OF GENERAL DEBILITY, NERVOUS DEPRESSION, ANAEMIA, ASTHEMIA, AND THE LIKE. ETABLISSEMENTS PASTIVAL, SOCIÉTÉ À RESPONSABILITÉ LIMITÉE, Paris, France.
Filed June 24, 1936. Serial No. 380,140. PUBLISHED AUGUST 25, 1936. Class 6.

340,635. PREPARATION FOR THE TREATMENT FOR THE SPECIFIC MALADIES OF WOMEN. ETABLISSEMENTS PASTIVAL, SOCIÉTÉ À RESPONSABILITÉ LIMITÉE, Paris, France.
Filed June 24, 1936. Serial No. 380,141. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,636. ANKLE PROTECTORS OF ELASTIC FABRIC MATERIAL. EVERLASTIK, INCORPORATED, Chelsea, Mass.
Filed June 13, 1936. Serial No. 379,695. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,637. LEATHER. PERCY E. FISHER, (1928) LIMITED, Basingstoke, England.
Filed June 11, 1936. Serial No. 379,555. PUBLISHED SEPTEMBER 8, 1936. Class 1.

340,638. MAGAZINE. FOR ME, INCORPORATED, Chicago, Ill.
Filed April 28, 1936. Serial No. 377,654. PUBLISHED SEPTEMBER 8, 1936. Class 38.

340,639. WHISKEY. FRANKFORT DISTILLERIES, INCORPORATED, Louisville, Ky.
Filed January 22, 1935. Serial No. 360,530. PUBLISHED APRIL 16, 1935. Class 49.

340,640. RADIO BROADCAST RECEIVING SETS. FREED MANUFACTURING COMPANY, INC., New York, N. Y.
Filed July 16, 1936. Serial No. 381,071. PUBLISHED SEPTEMBER 8, 1936. Class 21.

340,641. WHISKEY, GIN, RUM, BRANDY, AND ALCOHOLIC CORDIALS. THE SAMUEL FREEDMAN CORPORATION, Cincinnati, Ohio, assignor to Kolmar, Inc., a corporation of Delaware.
Filed August 21, 1934. Serial No. 355,256. PUBLISHED SEPTEMBER 25, 1934. Class 49.

340,642. NAIL POLISH, NAIL WHITE, CUTICLE REMOVER, CUTICLE OIL, OILY REMOVER, CLEAR REMOVER, AND NAIL POLISH THINNER, ALL OF THE AFORESAID BEING GENERALLY KNOWN AS MANICURE REQUISITES. FRANK H. FREEMAN, doing business as Hollis Franklin, Pittsburgh, Pa.
Filed April 9, 1936. Serial No. 376,991. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,643. FACE LOTION. FRUIT COSMETICS, INC., Coral Gables, Fla.
Filed July 3, 1936. Serial No. 380,559. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,644. ALL PURPOSE CREAM, AFTER SHAVING LOTION, ALMOND LOTION, HAIR TONIC, ANTISEPTIC LOTION, MOUTH WASH, COMPLEXION POWDER, COCOANUT OIL SHAMPOO, AND SPECIAL CLEANSING CREAM. GAMBLE STORES INCORPORATED, Minneapolis, Minn.
Filed June 19, 1936. Serial No. 379,958. PUBLISHED AUGUST 25, 1936. Class 6.

340,645. LINIMENT USED IN TREATING TRENCH FOOT, ATHLETES FOOT, BRUISES, ECZEMA, RING WORM, CUTS, BURNS, INSECT BITES, TRENCH MOUTH, AND SIMILAR EXTERNAL INFECTIONS. HARVEY H. GEGELEIN, doing business as Ioderm Laboratory, Painesville, Ohio.
Filed May 28, 1936. Serial No. 378,989. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,646. READY MIXED PAINTS, LACQUERS, AND PAINT ENAMELS. THE GLIDDEN COMPANY, Cleveland, Ohio.
Filed June 23, 1936. Serial No. 380,102. PUBLISHED SEPTEMBER 8, 1936. Class 16.

340,647. RUM. EDUARDO R. GONZALEZ, INC., San Juan, P. R.
Filed July 16, 1936. Serial No. 381,073. PUBLISHED SEPTEMBER 8, 1936. Class 49.

340,648. RUM. PRIMITIVO GRAU, Mayaguez, P. R.
Filed June 9, 1936. Serial No. 379,591. PUBLISHED SEPTEMBER 8, 1936. Class 49.

340,649. HARMONICAS, SAXOPHONES, CLARINETS, FLUTES, GUITARS, MANDOLINS, UKULELES, BANJOS, AND ACCORDIONS. THE FRED. GRETSCH MANUFACTURING CO., Brooklyn, N. Y.
Filed July 14, 1936. Serial No. 381,100. PUBLISHED SEPTEMBER 8, 1936. Class 36.

340,650. HARMONICAS, DRUMS, CORNETS, TRUMPETS, BUGLES, SAXOPHONES, TROMBONES, CLARINETS, FLUTES, GUITARS, MANDOLINS, UKULELES, BANJOS, AND ACCORDIONS. THE FRED GRETSCH MANUFACTURING CO., Brooklyn, N. Y.
Filed July 14, 1936. Serial No. 381,102. PUBLISHED SEPTEMBER 8, 1936. Class 36.

340,651. PHARMACEUTICAL PREPARATION FOR THE TREATMENT OF ATHLETE'S FOOT. THE GYMNEX COMPANY, Washington, D. C.
Filed July 28, 1936. Serial No. 381,529. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,652. DRESSES FOR WOMEN, MISSES, AND CHILDREN. ADOLPH R. HAAS, INC., Chicago, Ill.
Filed July 9, 1936. Serial No. 380,883. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,653. BANDAGES, ADHESIVE PLASTER, AND SURGICAL DRESSINGS. A. E. HALPERIN CO., INC., doing business as Uniplast Surgical Dressing Co., Boston, Mass.
Filed July 14, 1936. Serial No. 380,990. PUBLISHED SEPTEMBER 8, 1936. Class 44.

340,654. GREASEPROOF PAPER. THE HAMERSLEY MANUFACTURING COMPANY, Garfield, N. J.
Filed April 11, 1936. Serial No. 377,114. PUBLISHED SEPTEMBER 8, 1936. Class 37.

340,655. PLAIN HAMMOCKS. HIBBARD, INC., New York, N. Y.
Filed June 25, 1936. Serial No. 380,201. PUBLISHED SEPTEMBER 8, 1936. Class 22.

340,656. MEDICINAL PREPARATION FOR USE IN THE TREATMENT OF ANEMIA AND ALLIED CONDITIONS. HOFFMANN-LA ROCHE, INC., Nutley, N. J.
Filed July 8, 1936. Serial No. 380,769. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,657. INSECTICIDES. HOT FOOT CHEMICAL COMPANY, Birmingham, Ala.
Filed July 2, 1936. Serial No. 380,513. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,658. SHORTENING MADE FROM VEGETABLE AND ANIMAL FATS. THE HUMKO CO., doing business as Tri-State Refining Co., Memphis, Tenn.
Filed July 6, 1936. Serial No. 380,638. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,659. HOSIERY. J. B. IVEY & COMPANY, Charlotte, N. C.
Filed July 20, 1936. Serial No. 381,207. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,660. SPINNING TOPS. ERNEST S. JACKSON, Detroit, Mich.
Filed July 20, 1936. Serial No. 381,208. PUBLISHED SEPTEMBER 8, 1936. Class 22.

340,661. MEN'S COLLARS AND CUFFS, MEN'S DRESS, WORK, AND NEGLIGEE SHIRTS WITH ATTACHED COLLARS OR WITH MATCHED, DETACHED COLLARS, AND MEN'S PAJAMAS. F. JACOBSON & SONS, New York, N. Y.
Filed July 2, 1936. Serial No. 380,515. PUBLISHED SEPTEMBER 1, 1936. Class 39.

340,662. VEGETABLE COMPOUND USED AS AN ANTISPASMODIC SEDATIVE FOR FUNCTIONAL UTERO-OVARIAN DISTURBANCES, AND ACTS AS A MILD LAXATIVE. JADWIGA REMEDIES, INC., Brooklyn, N. Y.
Filed July 9, 1936. Serial No. 380,834. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,663. PREPARATIONS FOR THE TREATMENT OF ACIDOSIS, ANEMIA, AND OTHER AFFECTIONS OF THE BLOOD, BRUISES, CONSTIPATION, COUGHS, ETC. DR. D. JAYNE & SON, INC., Philadelphia, Pa.
Filed May 16, 1936. Serial No. 378,523. PUBLISHED AUGUST 25, 1936. Class 6.

340,664. PLASTIC BITUMINOUS COATING. JOHNS-MANVILLE CORPORATION, New York, N. Y.
Filed June 20, 1936. Serial No. 380,004. PUBLISHED SEPTEMBER 8, 1936. Class 12.

340,665. THERMAL INSULATING MATERIAL. JOHNS-MANVILLE CORPORATION, New York, N. Y.
Filed June 20, 1936. Serial No. 380,005. PUBLISHED SEPTEMBER 8, 1936. Class 12.

340,666. FRICTION BINDER FOR THERMAL INSULATION. JOHNS-MANVILLE CORPORATION, New York, N. Y.
Filed June 20, 1936. Serial No. 380,006. PUBLISHED SEPTEMBER 8, 1936. Class 12.

340,667. HAIR OIL AND A PREPARATION FOR TREATING THE SCALP. S. E. JORDON, Cincinnati, Ohio.
Filed July 13, 1936. Serial No. 380,951. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,668. MACHINES FOR FORMING, GRADING, RIPPING, AND OTHERWISE WORKING ROADS; HYDRAULIC PUMPS; AND HOISTS. KAY-BRUNNER STEEL PRODUCTS INC., Alhambra, Calif.
Filed April 28, 1936. Serial No. 377,741. PUBLISHED JUNE 16, 1936. Class 23.

340,669. CARTOONS. KING FEATURES SYNDICATE, INC., New York, N. Y.
Filed July 8, 1936. Serial No. 380,771. PUBLISHED SEPTEMBER 8, 1936. Class 38.

340,670. RAINCOATS FOR MEN AND FOR WOMEN. ELMER KREIS & CO., Chicago, Ill.
Filed July 2, 1936. Serial No. 380,518. PUBLISHED SEPTEMBER 1, 1936. Class 39.

340,671. TOOTH BRUSHES. S. H. KRESS AND COMPANY, New York, N. Y.
Filed July 8, 1936. Serial No. 380,772. PUBLISHED SEPTEMBER 8, 1936. Class 29.

340,672. TOOTH BRUSHES. S. H. KRESS AND COMPANY, New York, N. Y.
Filed July 8, 1936. Serial No. 380,773. PUBLISHED SEPTEMBER 8, 1936. Class 29.

340,673. TOOTH BRUSHES. S. H. KRESS AND COMPANY, New York, N. Y.
Filed July 8, 1936. Serial No. 380,774. PUBLISHED SEPTEMBER 8, 1936. Class 29.

340,674. CEMENT USED IN MASONRY. LACLEDE-CHRISTY CLAY PRODUCTS COMPANY, St. Louis, Mo.
Filed June 18, 1936. Serial No. 379,891. PUBLISHED SEPTEMBER 8, 1936. Class 12.

340,675. HOSIERY. J. W. LANDENBERGER & CO., Philadelphia, Pa.
Filed July 15, 1936. Serial No. 381,035. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,676. PERIODICAL. J. M. LANSINGER AND BENSEL SMYTHE, Hollywood, Calif.
Filed July 8, 1936. Serial No. 380,775. PUBLISHED SEPTEMBER 8, 1936. Class 38.

340,677. HOSIERY. LEFCORT HOSIERY COMPANY, INC., New York, N. Y.
Filed July 9, 1936. Serial No. 380,837. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,678. CONCENTRATES CONTAINING VITAMIN B. ELI LILLY AND COMPANY, Indianapolis, Ind.
Filed July 10, 1936. Serial No. 380,874. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,679. WOMEN'S, GIRLS', AND MISSES' UNDERWEAR, AND CHILDREN'S AND INFANTS' WEAR—NAMELY, CHILDREN'S SLIPS, PYJAMAS, AND NIGHTGOWNS; CHILDREN'S AND BABIES' INNER SHIRTS, DRESSES, AND SWEATERS; BABIES' SUITS AND SHOES, BOOTIE SETS, CHRISTENING SETS, AND BUNTING SETS. SAMUEL LUDWIG, Philadelphia, Pa.
Filed June 27, 1936. Serial No. 380,354. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,680. LUMBER AND MILLWORK. LUMBERMEN'S MERCHANDISING CORPORATION, Philadelphia, Pa.
Filed July 15, 1936. Serial No. 381,038. PUBLISHED SEPTEMBER 8, 1936. Class 12.

340,681. RUBBER MATS INTENDED TO PREVENT THE SLIPPING OF RUGS, CARPETS, AND OTHER FLOOR COVERINGS, GEO. E. MALLINSON IMPORTING CO., INC., New York, N. Y.
Filed October 25, 1935. Serial No. 370,809. PUBLISHED SEPTEMBER 8, 1936. Class 50.

340,682. CARD GAME PLAYED WITH DIFFERENTLY COLORED TOKENS, WITH DIFFERENTLY COLORED LETTERED AND NUMBERED CHIPS, AND WITH NUMBERED CARDS OR BOARDS. CLARENCE H. MANZLER, doing business as Clarence Manzler Company, Rochester, N. Y.
Filed July 25, 1936. Serial No. 381,463. PUBLISHED SEPTEMBER 8, 1936. Class 22.

340,683. LAUNDRY BLUING. FRIEDA MARTIN, doing business as Leader Blue Co., College Point, Long Island, N. Y.
Filed May 21, 1936. Serial No. 378,728. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,684. EGGS. WILLIAM M. MARTIN, doing business as Margo Dairy Products Company, East Orange, N. J.
Filed February 28, 1936. Serial No. 375,534. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,685. HOSIERY. WILLIAM V. MERRIMAN, doing business as Time Hosiery Company, Glencoe Ill.
Filed March 23, 1936. Serial No. 376,294. PUBLISHED MAY 26, 1936. Class 39.

340,686. TOOTHPICKS. MARION H. MIARS, Detroit, Mich.
Filed April 22, 1936. Serial No. 377,517. PUBLISHED SEPTEMBER 8, 1936. Class 44.

340,687. CHILDREN'S UNDERWEAR. MINNEAPOLIS KNITTING WORKS, Minneapolis, Minn.
Filed June 17, 1936. Serial No. 379,848. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,688. AWNING CLOTH FASTENERS. ERNEST J. MITCHESON, doing business as Awn-X Co., Detroit, Mich.
Filed June 22, 1936. Serial No. 380,067. PUBLISHED SEPTEMBER 8, 1936. Class 13.

340,689. COSMETIC AND TOILET PREPARATIONS, INCLUDING CREAM, SKIN SOFTENER, CLEANSING CREAM, SKIN LOTION, AND SUNTAN OIL AND LOTION. MYSTIC LABORATORIES, INC., Wilmington, Del.
Filed June 15, 1936. Serial No. 379,756. PUBLISHED AUGUST 25, 1936. Class 6.

340,690. ANTI-FREEZE COMPOSITIONS ESPECIALLY SUITED FOR USE IN INTERNAL COMBUSTION ENGINE COOLING SYSTEMS. NEW ENGLAND ALCOHOL COMPANY, Everett, Mass.
Filed April 25, 1936. Serial No. 377,642. PUBLISHED AUGUST 25, 1936. Class 6.

340,691. SOAP. NORTHAM WARREN CORPORATION, New York, N. Y.
Filed June 11, 1936. Serial No. 379,563. PUBLISHED SEPTEMBER 1, 1936. Class 4.

340,692. DOOR CHECK AND DOOR CLOSER COIL SPRINGS. NORTON LASIER COMPANY, Chicago, Ill.
Filed February 17, 1936. Serial No. 374,935. PUBLISHED SEPTEMBER 8, 1936. Class 13.

340,693. DEODORIZER, INSECT REPELLENT, AND INSECT SPRAYS. ODORA COMPANY, INC., New York, N. Y.
Filed July 14, 1936. Serial No. 381,002. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,694. KRAFT PAPER. PATERSON PARCHMENT PAPER COMPANY, Bristol, Pa.
Filed July 10, 1936. Serial No. 380,879. PUBLISHED SEPTEMBER 8, 1936. Class 37.

340,695. KRAFT PAPER. PATERSON PARCHMENT PAPER COMPANY, Bristol, Pa.
Filed July 10, 1936. Serial No. 380,880. PUBLISHED SEPTEMBER 8, 1936. Class 37.

340,696. DRY ALKALINE DETERGENT IN GRANULAR FORM TO NEUTRALIZE THE ACID COMPONENTS OF DIRT AND THUS ACT AS A SOAP BUILDER BY INCREASING THE DETERGENT VALUE OF THE SOAP. PENNSYLVANIA SALT MANUFACTURING COMPANY, Philadelphia, Pa.
Filed July 2, 1936. Serial No. 380,527. PUBLISHED SEPTEMBER 1, 1936. Class 4.

340,697. SHUTTLECOCKS. PENNSYLVANIA RUBBER COMPANY OF AMERICA, INC., Jeannette, Pa.
Filed July 15, 1936. Serial No. 381,043. PUBLISHED SEPTEMBER 8, 1936. Class 22.

340,698. FRESH FRUIT—NAMELY, FRESH GRAPES. PETERSEN & SNEDDEN PACKING COMPANY, Sanger, Calif.
Filed June 23, 1936. Serial No. 380,123. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,699. SILICATE OF SODA, EITHER ANHYDROUS, HYDRATED, OR IN SOLUTION. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa.
Filed June 18, 1936. Serial No. 379,899. PUBLISHED AUGUST 25, 1936. Class 6.

340,700. ADHESIVE FOR FALSE TEETH. THE PHILLIPS & BENJAMIN COMPANY, Boston, Mass.
Filed June 13, 1936. Serial No. 379,711. PUBLISHED AUGUST 25, 1936. Class 6.

340,701. ASBESTOS FURNACE AND RETORT CEMENT. PLIBRICO JOINTLESS FIREBRICK COMPANY, doing business as Fireline Stove & Furnace Lining Co., Chicago, Ill.
Filed June 15, 1936. Serial No. 379,762. PUBLISHED AUGUST 25, 1936. Class 12.

340,702. STEARIC ACID. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed June 25, 1936. Serial No. 380,224. PUBLISHED AUGUST 25, 1936. Class 6.

340,703. SOAP. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed July 8, 1936. Serial No. 380,793. PUBLISHED SEPTEMBER 1, 1936. Class 4.

340,704. SUPPOSITORIES FOR HEMORRHOIDS. PROCTOID LABORATORIES, INCORPORATED, New York, N. Y.
Filed May 14, 1936. Serial No. 378,451. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,705. CHEMICAL PREPARATION OF SALTS, PIGMENTS, AND OLEAGINOUS MATERIALS FOR USE IN THE CHEMICAL FINISHING OF ALL FINISHED TEXTILES, KNITTED OR WOVEN, FLAT OR CIRCULAR. QUAKER CHEMICAL PRODUCTS CORP., Conshohocken, Pa.
Filed July 13, 1936. Serial No. 380,967. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,706. DENTURE CLEANSING POWDER. HARRY L. RABINOW, doing business as Alkadent Company, Long Island City, N. Y.
Filed November 19, 1934. Serial No. 358,386. PUBLISHED MAY 7, 1935. Class 4.

340,707. CATHODE RAY TUBES AND THERMIONIC TUBES. RCA MANUFACTURING COMPANY, INC., Camden, N. J.
Filed June 23, 1936. Serial No. 380,124. PUBLISHED SEPTEMBER 8, 1936. Class 21.

340,708. MEDICAL PREPARATION RECOMMENDED FOR TREATMENT OF KIDNEY, BLADDER TROUBLES, AND RHEUMATIC PAINS INCIDENT THERETO. RALPH J. REEVES, doing business as Reeves Medicine Company, Birmingham, Ala.
Filed July 16, 1936. Serial No. 381,084. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,709. MEN'S, WOMEN'S, AND CHILDREN'S KNITTED OR WOVEN UNDERWEAR SHIRTS, UNDERWEAR SHORTS, UNION SUITS, SWEATERS, SPORT SHIRTS, SPORT SHORTS, BATHING SUITS, BOTH ONE AND TWO PIECE; BATHING TRUNKS, AND BATHING CAPES. ROBERT REIS & COMPANY, New York, N. Y.
Filed April 11, 1935. Serial No. 363,639. PUBLISHED JULY 9, 1935. Class 39.

340,710. COIN CONTROLLED AMUSEMENT APPARATUS. ROCK-OLA MANUFACTURING CORPORATION, Chicago, Ill.
Filed July 9, 1936. Serial No. 380,846. PUBLISHED SEPTEMBER 8, 1936. Class 22.

340,711. BRANDY. ROMA WINE COMPANY, INC., New York, N. Y., and Lodi, Calif.
Filed July 30, 1936. Serial No. 381,040. PUBLISHED SEPTEMBER 8, 1936. Class 49.

340,712. DEODORANT. FREDERIC I. ROWE, doing business as The Freshenol Co., Summit, N. J.
Filed June 20, 1936. Serial No. 380,021. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,713. MEN'S CLOTHING—NAMELY, MEN'S OVERCOATS AND TOPCOATS. A. SAGNER & SONS, INC., Baltimore, Md.
Filed July 2, 1936. Serial No. 380,529. PUBLISHED SEPTEMBER 1, 1936. Class 39.

340,714. PREPARATION FOR USE IN THE TREATMENT OF HERNIA. G. D. SEARLE & CO., Chicago, Ill.
Filed March 17, 1936. Serial No. 376,106. PUBLISHED AUGUST 25, 1936. Class 6.

340,715. ANTISEPTIC PREPARATION FOR FEMININE HYGIENE. G. D. SEARLE & CO., Chicago, Ill.
Filed June 20, 1936. Serial No. 380,024. PUBLISHED AUGUST 25, 1936. Class 6.

340,716. BENCH LATHES FOR WOOD OR METAL TURNING AND ACCESSORIES, WOOD OR METAL WORKING FACE PLATES, LATHE CHUCKS, ETC. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed February 7, 1936. Serial No. 374,603. PUBLISHED SEPTEMBER 8, 1936. Class 23.

340,717. HOSIERY. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed June 13, 1936. Serial No. 379,713. PUBLISHED SEPTEMBER 1, 1936. Class 39.

340,718. CERTAIN CANNED GOODS, AS FOLLOWS: ASPARAGUS, BEANS, CHERRIES, CLAMS, CORN, FISH FLAKES, PEAS, PEACHES, PEARS, SALMON, SHRIMP, SUCCOTASH, TOMATOES. SEEMAN BROTHERS, INC., New York, N. Y.
Filed February 9, 1934. Serial No. 347,191. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,719. OIL EXTRACTED FROM THE WHEAT GERM RELATIVELY HIGH IN VITAMIN E TO CORRECT VITAMIN E DEFICIENCY. JOSEPH SENDECKE, doing business as Senn Laboratories, Chicago, Ill.
Filed March 8, 1935. Serial No. 362,274. PUBLISHED MAY 7, 1935. Class 6.

340,720. ANTISEPTIC AND ANTHELMINTIC PRODUCTS FOR INTERNAL AND/OR EXTERNAL USE. SHARP & DOHME, INCORPORATED, Philadelphia, Pa.
Filed July 2, 1936. Serial No. 380,530. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,721. STITCHING WAX. SHOE PRESS CORPORATION, Philadelphia, Pa.
Filed June 15, 1936. Serial No. 379,774. PUBLISHED AUGUST 25, 1936. Class 6.

340,722. GIRLS', JUNIORS', MISSES', LITTLE WOMEN'S, AND LADIES' SUITS AND COATS. SIEGEL BROS. KIKI MAID KOATS INC., New York, N. Y.
Filed July 8, 1936. Serial No. 380,803. PUBLISHED SEPTEMBER 1, 1936. Class 39.

340,723. BABIES' AND BOYS' SUITS AND BABIES' AND GIRLS' DRESSES. BEN SMILEY, INC., New York, N. Y.
Filed June 25, 1936. Serial No. 380,229. PUBLISHED SEPTEMBER 1, 1936. Class 39.

340,724. CERTAIN MEDICINE FOR THE RELIEF OF NEURITIS AND RHEUMATISM. CARL P. SMITH, Los Angeles, Calif.
Filed May 27, 1936. Serial No. 378,956. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,725. COAL. SMOKELESS FUEL COMPANY, Charleston, W. Va.
Filed July 9, 1936. Serial No. 380,849. PUBLISHED SEPTEMBER 8, 1936. Class 1.

340,726. COAL TAR COLORS. SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland.
Filed June 26, 1936. Serial No. 380,315. PUBLISHED AUGUST 25, 1936. Class 6.

340,727. COAL TAR COLORS. SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland.
Filed June 26, 1936. Serial No. 380,316. PUBLISHED AUGUST 25, 1936. Class 6.

340,728. MALE SEXUAL HORMONE. SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland.
Filed June 27, 1936. Serial No. 380,367. PUBLISHED AUGUST 25, 1936. Class 6.

340,729. DRY FONDANT MADE FROM CANE SUGAR. J. D. AND A. B. SPRECKELS COMPANY, doing business as Western Sugar Refinery, San Francisco, Calif.
Filed March 9, 1936. Serial No. 375,784. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,730. ANTISYPHILITIC PREPARATIONS. E. R. SQUIBB & SONS, New York, N. Y.
Filed July 11, 1936. Serial No. 380,928. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,731. ANTI-FREEZE COMPOUND. STANDARD ALCOHOL COMPANY, Wilmington, Del.
Filed June 22, 1936. Serial No. 380,088. PUBLISHED AUGUST 25, 1936. Class 6.

340,732. TOILET PAPER. STEVENS & THOMPSON PAPER COMPANY, New York, N. Y.
Filed July 1, 1936. Serial No. 380,485. PUBLISHED SEPTEMBER 8, 1936. Class 37.

340,733. AUTOMOBILES. THE STUDEBAKER CORPORATION, South Bend, Ind.
Filed May 22, 1936. Serial No. 378,763. PUBLISHED AUGUST 25, 1936. Class 19.

340,734. DOG FOOD. STURDY DOG FOOD CO., INC., Syracuse, N. Y.
Filed July 6, 1936. Serial No. 380,676. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,735. LADIES' UNDERGARMENTS, I. E., NIGHTGOWNS, PAJAMAS, SLIPS, PETTICOATS, SKIRTS, DANCE SETS, PANTIES, CAMISOLES, AND CHEMISES. TAILORED SILK UNDERGARMENT CO. INC., New York, N. Y.
Filed June 24, 1936. Serial No. 380,162. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,736. EMULSION OF CALCIUM WITH VITAMINS FOR NUTRITION. HUGH TEBAULT & COMPANY, INC., New York, N. Y.
Filed July 3, 1936. Serial No. 380,598. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,737. SUPPOSITORIES AND A MEDICINAL OINTMENT FOR USE IN THE TREATMENT OF PILES AND SIMILAR CONDITIONS OF THE BODY. ANNA C. TELFAIR, doing business as Ul-Smile, Berlin, Wis.
Filed May 12, 1936. Serial No. 378,379. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,738. CANNED VEGETABLES. TENNESSEE VALLEY ASSOCIATED COOPERATIVES, INCORPORATED, Knoxville, Tenn.
Filed December 8, 1934. Serial No. 359,095. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,739. CIGARS. M. TRELLES & COMPANY, New Orleans, La.
Filed April 28, 1936. Serial No. 377,756. PUBLISHED SEPTEMBER 8, 1936. Class 17.

340,740. VEHICLE RADIO ANTENNAE. TURRET ANTENNA COMPANY, Des Moines, Iowa.
Filed June 20, 1936. Serial No. 380,027. PUBLISHED SEPTEMBER 8, 1936. Class 21.

340,741. PREPARATION FOR EXTERMINATING ROACHES, BUGS, AND VERMIN. UNITED SANITARY CHEMICALS CO., INC., Baltimore, Md.
Filed July 3, 1936. Serial No. 380,603. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,742. MEDICINAL PREPARATION TO BE USED IN THE TREATMENT OF INTESTINAL DYSFUNCTION. THE UPJOHN COMPANY, Kalamazoo, Mich.
Filed June 19, 1936. Serial No. 379,981. PUBLISHED AUGUST 25, 1936. Class 6.

340,743. READY-MIXED PAINTS, PAINT ENAMELS, ALUMINUM PAINT, BRONZE PAINT, PRIMERS, FILLERS, VARNISHES, AND ANTI-FOULING COMPOUND. VALENTINE & COMPANY, New York, N. Y.
Filed July 24, 1936. Serial No. 381,437. PUBLISHED SEPTEMBER 8, 1936. Class 16.

340,744. PERFUMES. VIMAY-CHANY, INC., doing business as Prince de Chany, Inc., Culver City, Calif., assignor to Vimay Parfums, Incorporated, a corporation of California.
Filed November 4, 1935. Serial No. 371,189. PUBLISHED JANUARY 7, 1936. Class 6.

340,745. PREPARATIONS FOR TREATING SILK. WALLERSTEIN COMPANY, INC., New York, N. Y. Filed April 8, 1936. Serial No. 376,971. PUBLISHED JULY 21, 1936. Class 6.

340,746. GAME BOARD WITH WHICH NO MOVABLE PIECES ARE USED. NORMAN J. WALTERS, Philadelphia, Pa. Filed July 7, 1936. Serial No. 380,729. PUBLISHED SEPTEMBER 8, 1936. Class 22.

340,747. STRAPS MADE OF LEATHER FOR USE ON SKIS INCLUDING FASTENING MEANS. WARREN BELTING COMPANY, Worcester, Mass. Filed July 7, 1936. Serial No. 380,730. PUBLISHED SEPTEMBER 8, 1936. Class 22.

340,748. WHISKEY. THE WEIDEMAN CO., Cleveland, Ohio, assignor to Frankfort Distilleries, Incorporated, Louisville, Ky., a corporation of West Virginia. Filed December 31, 1934. Serial No. 359,825. PUBLISHED APRIL 30, 1935. Class 49.

340,749. MEN'S, WOMEN'S, AND/OR CHILDREN'S CLOTHING—NAMELY, TOPCOATS AND OVERCOATS. S. WEITZ & COMPANY, INC., Cleveland, Ohio. Filed March 30, 1936. Serial No. 376,617. PUBLISHED SEPTEMBER 1, 1936. Class 39.

340,750. WHISKEY. W. L. WELLER & SONS, INC., Louisville, Ky. Filed August 1, 1936. Serial No. 381,737. PUBLISHED SEPTEMBER 8, 1936. Class 49.

340,751. ASTHMA MEDICINE. WESTERN LABORATORIES, Seattle, Wash. Filed June 10, 1936. Serial No. 379,542. PUBLISHED SEPTEMBER 1, 1936. Class 6.

340,752. SPARK PLUGS. WINDSOR-LLOYD PRODUCTS, INC., Wilmington, Del. Filed July 18, 1936. Serial No. 381,185. PUBLISHED SEPTEMBER 8, 1936. Class 21.

340,753. NEWSPAPER PAGE. WOMEN'S WEAR COMPANY, New York, N. Y. Filed May 6, 1936. Serial No. 378,106. PUBLISHED SEPTEMBER 8, 1936. Class 38.

340,754. LENSES, EYEGLASSES, READING GLASSES, MAGNIFYING GLASSES, FIELD GLASSES, TELESCOPES, MICROSCOPES, PHOTOGRAPHIC CAMERAS, SPECTACLES, SPECTACLE-GLASSES, SPECTACLE-LENS SYSTEMS, GOGGLES. CARL ZEISS, Jena, Germany. Filed July 16, 1936. Serial No. 381,093. PUBLISHED SEPTEMBER 8, 1936. Class 26.

340,755. PREPARATION FOR THE TREATMENT OF COLDS, NEURALGIA, INFLUENZA, LA GRIPPE, AND HEADACHES DUE TO COLDS. ZENO SCHOOLCRAFT, doing business as Rochester Specialty Mfg. Company, Rochester, Mich. Filed May 8, 1936. Serial No. 378,239. PUBLISHED SEPTEMBER 8, 1936. Class 6.

340,756. MOTOR-DRIVEN WOODWORKING AND METALWORKING MACHINES, CONSISTING OF LATHES, SHAPERS, CIRCULAR SAWS, BAND SAWS, SCROLL SAWS, JOINTERS, DRILL PRESSES, SANDERS, AND TOOL GRINDERS, AND PARTS THEREOF. TAUCO MANUFACTURING COMPANY, Milwaukee, Wis. Filed June 8, 1936. Serial No. 379,453. PUBLISHED SEPTEMBER 8, 1936. Class 23.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

340,757. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FRANCES T. MILLER, INC., New York, N. Y. Filed July 11, 1936. Serial No. 380,917.

FRANCES MILLER RUG

For Rugs.
Claims use since November, 1934.

340,758. (CLASS 47. WINES.) K. ARAKELIAN, INC., Madera, Calif., and New York, N. Y. Filed May 7, 1936. Serial No. 378,124.

VINEYARDS CHOICE

For Port.
Claims use since Dec. 11, 1934.

340,759. (CLASS 47. WINES.) K. ARAKELIAN, INC., Madera, Calif., and New York, N. Y. Filed May 7, 1936. Serial No. 378,121.

Old France

For Sauterne.
Claims use since Oct. 5, 1934.

340,760. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE NUTEX COMPANY, Philadelphia, Pa. Filed May 4, 1936. Serial No. 377,993.

DRUG-PAK

For Prophylactic Rubber Articles for the Prevention of Contagious Diseases.
Claims use since Apr. 15, 1935.

340,761. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) THE D'OR STUDIOS, INC., Akron and Barberton, Ohio. Filed Feb. 7, 1936. Serial No. 374,581.

Coventry Ware

For Statuettes, Plaques, and Bric-a-Brac.
Claims use since August, 1934.

340,762. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HOVDEN FOOD PRODUCTS CORPORATION, Monterey, Calif. Filed Aug. 29, 1936. Serial No. 382,719.

Hovden

For Canned Foods—Namely, Canned Fish and Canned Fruits.
Claims use since 1914.

340,763. (CLASS 12. CONSTRUCTION MATERIALS.) THE GIBSON-HOMANS COMPANY, Cleveland, Ohio. Filed Dec. 4, 1935. Serial No. 372,240.

Easy Load

For Caulking Compound.
Claims use since Aug. 31, 1935.

340,764. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MORRIS STARKSTEIN, doing business as General Tobacco and Grocery Company and G. T. & G. Co., Detroit, Mich. Filed Oct. 23, 1935. Serial No. 370,743.

West Point

For Canned Pork and Beans.
Claims use since Oct. 1, 1935.

340,765. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PAUL J. BARONI, Hancock, Mich. Filed Oct. 14, 1935. Serial No. 370,332.

BARONI'S ITALO BRAND

For Spaghetti Sauce.
Claims use since June 1, 1935.

340,766. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) EVERETT AND BARRON COMPANY, Providence, R. I. Filed Oct. 7, 1935. Serial No. 370,085.

INSTANT WHITE

For Shoe Dressings.
Claims use since Aug. 1, 1935.

340,767. (CLASS 12. CONSTRUCTION MATERIALS.) THE INSULITE COMPANY, Minneapolis, Minn. Filed Sept. 30, 1935. Serial No. 369,848.

FIBEROCK

For Rock Wool Heat Insulation.
Claims use since Sept. 3, 1935.

340,768. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FRED BUTTERFIELD & CO., INC., New York, N. Y. Filed Sept. 10, 1935. Serial No. 369,152.

KILLARNEY

For Fabrics in the Piece, of Wool, Cotton, Silk, Rayon, and/or Combinations Thereof.
Claims use since July 26, 1935.

340,769. (CLASS 27. HOROLOGICAL INSTRUMENTS.) HARRY BELENKY, New York, N. Y. Filed Aug. 3, 1935. Serial No. 367,956.

SOLAR

For Watches.
Claims use since July 30, 1935.

340,770. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) CELANESE CORPORATION OF AMERICA, New York, N. Y. Filed July 26, 1935. Serial No. 367,710.

ROUGH DIAMOND

For Piece Goods Made Wholly or Partially of Cellulose Derivatives.
Claims use since July 23, 1935.

TRADE-MARK REGISTRATIONS RENEWED

112,982. VACUUM-WALLED VESSELS FOR TEMPERATURE RETENTION. Registered October 10, 1916. AMERICAN THERMOS BOTTLE COMPANY, Portland, Maine, and New York, N. Y. Renewed October 10, 1936, to The American Thermos Bottle Company, Norwich, Conn., a corporation of Ohio, assignee by mesne assignments.

113,117. PAMPHLETS, CATALOGUES, AND MAGAZINES. Registered October 10, 1916. NATIONAL CLOAK & SUIT CO., Central Valley and New York, N. Y. Renewed October 10, 1936, to National Bellas Hess, Inc., Kansas City, Mo., a corporation of Delaware, assignee.

113,179. KEROSENE AND ILLUMINATING-OILS. Registered October 10, 1916. TRUE'S OIL COMPANY. Renewed October 10, 1936, to True's Oil Company, Spokane, Wash., a corporation of Washington, assignee.

113,180. KEROSENE, ILLUMINATING-OILS. Registered October 10, 1916. TRUE'S OIL COMPANY. Renewed October 10, 1936, to True's Oil Company, Spokane, Wash., a corporation of Washington, assignee.

113,181. LUBRICATING-OILS. Registered October 10, 1916. TRUE'S OIL COMPANY. Renewed October 10, 1936, to True's Oil Company, Spokane, Wash., a corporation of Washington, assignee.

113,182. GASOLENE, FUEL-OILS FOR INTERNAL-COMBUSTION ENGINES AND MOTORS. Registered October 10, 1916. TRUE'S OIL COMPANY. Renewed October 10, 1936, to True's Oil Company, Spokane, Wash., a corporation of Washington, assignee.

113,255. GUMMED PAPER TAPE. Registered October 10, 1916. IDEAL COATED PAPER CO. Renewed October 10, 1936, to McLaurin-Jones Co., Brookfield, Mass., a corporation of Massachusetts, assignee.

113,294. SALAD-OIL PRESSED FROM COTTON-SEED. Registered October 10, 1916. ROME IMPORTING COMPANY, New York, N. Y., a firm. Renewed October 10, 1936.

113,295. OLIVE-OIL. Registered October 10, 1916. ROME IMPORTING COMPANY, New York, N. Y., a firm. Renewed October 10, 1936.

113,386. MOTOR-TRUCKS. Registered October 17, 1916, INDIANA TRUCK COMPANY, Marion, Ind. Renewed October 17, 1936, to Indiana Motors Corporation, Cleveland, Ohio, a corporation of Indiana, assignee by mesne assignments.

113,463. DESSERT-POWDER. Registered October 17, 1916. THE WABASH CHEMICAL & BAKING POWDER COMPANY, Wabash, Ind., a corporation of Indiana. Renewed October 17, 1936.

113,466. MEN'S, YOUTHS', BOYS', AND CHILDREN'S CLOTH OUTER SUITS, PARTS THEREOF, AND OVERCOATS. Registered October 17, 1916. M. WILE & Co. Renewed October 17, 1936, to M. Wile & Company, Inc., Buffalo, N. Y., a corporation of New York, assignee.

113,489. A PREPARATION TO STOP LEAKS IN AUTOMOBILE-RADIATORS. Registered October 17, 1916. FRANK CHAPMAN. Renewed October 17, 1936, to The M. W. Dunton Company, Providence, R. I., a corporation of Rhode Island, assignee.

113,534. THREE-WHEELED VELOCIPEDE FOR THE USE OF CHILDREN. Registered October 17, 1916. H. C. WHITE CO. Renewed October 17, 1936, to Harrie C. White, North Bennington, Vt., assignee.

113,723. COLD AND GRIP MEDICAL TABLETS, STOMACH AND INDIGESTION MEDICAL TABLETS. Registered October 31, 1916. THOMAS R. GIBSON, Springfield, Mo. Renewed October 31, 1936.

113,728. FLAVORING EXTRACTS FOR FOODS. Registered October 31, 1916. HALLOCK-DENTON CO., Newark, N. J., a corporation of New Jersey. Renewed October 31, 1936.

113,729. FLAVORING EXTRACTS FOR FOODS. Registered October 31, 1916. HALLOCK-DENTON CO., Newark, N. J., a corporation of New Jersey. Renewed October 31, 1936.

113,756. CERTAIN NAMED FOODS. Registered October 31, 1916. THE JAMES MCCOY COMPANY, Peoria, Ill., a corporation of Illinois. Renewed October 31, 1936.

113,796. CHOCOLATES, CARAMELS, HARD CANDY OF ALL KINDS, AND LIQUID CARAMEL. Registered October 31, 1916. REPETTI. Renewed October 31, 1936, to E. Greenfield's Sons, Inc., New York, N. Y., a corporation of New York, successor.

113,928. CERTAIN NAMED FURNITURE. Registered November 7, 1916. CHESTER J. WADSWORTH, Painesville, Ohio. Renewed November 7, 1936, to Child Craft Guild, Inc., Detroit, Mich., a corporation of Michigan, assignee.

113,950. APPLIANCES FOR CLEANING BOILERS. Registered November 14, 1916. DIAMOND POWER SPECIALTY COMPANY. Renewed November 14, 1936, to Diamond Power Specialty Corporation, Detroit, Mich., a corporation of Michigan, assignee by mesne assignments.

113,986. A LINIMENT FOR TREATING CERTAIN NAMED DISEASES OF MAN AND HORSES. Registered November 14, 1916. DR. B. J. KENDALL COMPANY, Enosburg Falls, Vt., a corporation of Vermont. Renewed November 14, 1936.

114,113. LUBRICATING-OILS. Registered November 28, 1916. PURE OIL COMPANY, Philadelphia, Pa. Renewed November 28, 1936, to The Pure Oil Company, Chicago, Ill., a corporation of Ohio, assignee.

114,185. NOUGAT-BARS AND CHOCOLATE-COVERED CANDIES. Registered December 5, 1916. W. F. SCHRAFFT & SONS CORPORATION, Boston, Mass., a corporation of Massachusetts. Renewed December 5, 1936.

114,197. BUTTER. Registered December 5, 1916. SUGAR CREEK CREAMERY COMPANY, Watseka, Danville, and Pana, Ill. Renewed December 5, 1936, to Sugar Creek Creamery Company, Danville, Ill., a corporation of Delaware, assignee by mesne assignments.

114,199. RED MASON-JAR RINGS. Registered December 5, 1916. THE R. E. TONGUE & BROS. COMPANY, Philadelphia, Pa., a corporation of Delaware. Renewed December 5, 1936.

114,248. BEVERAGES MADE PARTLY OR WHOLLY OF CEREALS. Registered December 5, 1916. KELLOGG TOASTED CORN FLAKE CO. Renewed December 5, 1936, to Kellogg Company, Battle Creek, Mich., a corporation of Delaware, assignee.

114,340. TANNING SUBSTANCES. Registered December 12, 1916. DR. G. EBERLE & CIE., Stuttgart, Germany. Renewed December 12, 1936, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a corporation of Delaware, assignee by mesne assignments.

114,352. BUTTER. Registered December 12, 1916. THE CHARLES H. HESS COMPANY. Renewed December 12, 1936, to The Tri-State Butter Company, Cincinnati, Ohio, a corporation of Delaware, assignee by mesne assignments.

114,390. WHEAT-FLOUR, RYE-FLOUR, SELF-RISING AND PREPARED FLOUR. Registered December 12, 1916. THE SOUTHWESTERN MILLING CO. INC., New York, N. Y., and Kansas City, Mo. Renewed December 12, 1936, to Standard Milling Company, New York, N. Y., a corporation of Delaware, assignee.

114,391. WHEAT-FLOUR, RYE-FLOUR, SELF-RISING AND PREPARED FLOUR. Registered December 12, 1916. THE SOUTHWESTERN MILLING CO. INC., New York, N. Y., and Kansas City, Mo. Renewed December 12, 1936, to Standard Milling Company, New York, N. Y., a corporation of Delaware, assignee.

114,392. WHEAT-FLOUR, RYE-FLOUR, SELF-RISING AND PREPARED FLOUR. Registered December 12, 1916. THE SOUTHWESTERN MILLING CO. INC., New York, N. Y., and Kansas City, Mo. Renewed December 12, 1936, to Standard Milling Company, New York, N. Y., a corporation of Delaware, assignee.

114,393. WHEAT-FLOUR, RYE-FLOUR, SELF-RISING AND PREPARED FLOUR. Registered December 12, 1916. THE SOUTHWESTERN MILLING CO. INC., New York, N. Y., and Kansas City, Mo. Renewed December 12, 1936, to Standard Milling Company, New York, N. Y., a corporation of Delaware, assignee.

114,433. FRESH FRUITS AND VEGETABLES. Registered December 19, 1916. CHASE & COMPANY, Jacksonville, Fla. Renewed December 19, 1936, to Chase & Company, Sanford, Fla., a corporation of Florida.

114,476. COTTON DUCK. Registered December 19, 1916. WM. E. HOOPER & SONS COMPANY, Baltimore, Md., a corporation of Maryland. Renewed December 19, 1936.

114,492. A NAILING BASE FOR FLOOR AND ROOF CONSTRUCTION. Registered December 19, 1916. DAVID E. KENNEDY, INC., New York, N. Y. Renewed December 19, 1936, to David E. Kennedy Inc., Brooklyn, N. Y., a corporation of New York.

114,654. CERTAIN NAMED WATERPROOF CLOTHING. Registered December 26, 1916. PEARSON BROTHERS, London and Bournemouth, England. Renewed December 26, 1936, to Pearson Brothers (G. & H.) Limited, London, England, a corporation of Great Britain, assignee.

114,803. GLUE. Registered January 2, 1917. KALTLEIM-FABRIK O. MESSMER. Renewed January 2, 1937, to Adolf Padrutt, Kaltleimfabrik Certus Basel, Basel, Switzerland, a corporation of Switzerland, successor.

115,214. WHEAT-FLOUR. Registered January 30, 1917. NEW PRAGUE FLOURING MILL COMPANY, New Prague, Minn. Renewed January 30, 1937, to International Milling Company, Minneapolis, Minn., a corporation of Delaware, assignee.

115,246. FRUIT TREES. Registered January 30, 1917. STARK BRO'S NURSERIES & ORCHARDS COMPANY, Louisiana, Mo., a corporation of Missouri. Renewed January 30, 1937.

115,317. KNITTED UNDERWEAR—VIZ., SHIRTS, DRAWERS, AND UNION-SUITS. Registered February 6, 1917. DUOFOLD HEALTH UNDERWEAR COMPANY. Renewed February 6, 1937, to Duofold Inc., Mohawk, N. Y., a corporation of New York, by change of name.

115,348. CANDIES AND CONFECTIONS. Registered February 6, 1917. KELLOGG TOASTED CORN FLAKE CO. Renewed February 6, 1937, to Kellogg Company, Battle Creek, Mich., a corporation of Delaware, assignee.

115,432. BOOKS AND CIRCULARS. Registered February 13, 1917. BENZIGER BROTHERS, New York, N. Y., a firm. Renewed February 13, 1937.

115,549. FRUIT-TREES, FRUIT-PLANTS, AND HARDY ORNAMENTALS. Registered February 20, 1917. STARK BRO'S NURSERIES & ORCHARDS COMPANY, Louisiana, Mo., a corporation of Missouri. Renewed February 20, 1937.

115,622. A DRUG SPECIFICALLY DESCRIBED AS SODA MINTS. Registered February 27, 1917. KELLOGG TOASTED CORN FLAKE COMPANY. Renewed February 27, 1937, to Kellogg Company, Battle Creek, Mich., a corporation of Delaware, assignee.

115,744. TOILET CREAM. Registered March 6, 1917. THE ELCAYA CO., INC., New York, N. Y., a corporation of New York. Renewed March 6, 1937.

115,821. BREAD, CAKE, AND CRACKERS. Registered March 6, 1917. TASTY BAKING COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Renewed March 6, 1937.

115,839. CHEMICALS, DYESTUFFS, AND OILS USED IN DYEING, BLEACHING, AND FINISHING. Registered March 13, 1917. JOHN CAMPBELL & Co., New York, N. Y., a corporation of New York. Renewed March 13, 1937.

115,843. CHEMICALS, DYESTUFFS, AND OILS USED IN DYEING, BLEACHING, AND FINISHING. Registered March 13, 1917. JOHN CAMPBELL & Co., New York, N. Y., a corporation of New York. Renewed March 13, 1937.

115,865. COTTON PIECE GOODS, PILLOW-CASES, AND SHEETS. Registered March 13, 1917. POSTEX COTTON MILLS, Post, Tex., a corporation of Texas. Renewed March 13, 1937.

115,908. WOOLEN GOODS IN THE PIECE. Registered March 20, 1917. WORUMBO MANUFACTURING COMPANY, Lisbon Falls, Maine, a corporation of Maine. Renewed March 20, 1937.

115,979. CONFECTIONERS' POWDERED SUGAR. Registered March 27, 1917. JAMES A. MCATEER & SONS, INC. Renewed March 27, 1937, to R. C. McAteer Company, Pittsburgh, Pa., a corporation of Pennsylvania, assignee by mesne assignments.

116,023. FERTILIZERS. Registered March 27, 1917. THE WUICHET FERTILIZER COMPANY. Renewed March 27, 1937, to Wuichet Products, Inc., Dayton, Ohio, a corporation of Ohio, successor.

116,080. ELEVATORS. Registered April 3, 1917. OTIS ELEVATOR COMPANY, Jersey City, N. J., and New York, N. Y. Renewed April 3, 1937, to Otis Elevator Company, New York, N. Y., a corporation of New Jersey.

116,092. CERTAIN NAMED CLOTHING FOR ADULTS AND BABIES. Registered April 3, 1917. SCHUYLKILL SILK MILLS. Renewed April 3, 1937, to Vanity Fair Silk Mills, Reading, Pa., a corporation of Pennsylvania, by change of name.

116,104. CORSETS. Registered April 3, 1917. THE WARNER BROTHERS COMPANY, Bridgeport, Conn. Renewed April 3, 1937, to Vanity Corset Company, Inc., New York, N. Y., a corporation of New York, assignee.

116,161. CERTAIN NAMED CLOTHING FOR ADULTS AND BABIES. Registered April 10, 1917. SCHUYLKILL SILK MILLS. Renewed April 10, 1937, to Vanity Fair Silk Mills, Reading, Pa., a corporation of Pennsylvania, by change of name.

116,184. CANNED SAUER-KRAUT. Registered April 10, 1917. THE J. WELLER COMPANY, Oak Harbor, Ohio, a corporation of Ohio. Renewed April 10, 1937.

LABELS

REGISTERED NOVEMBER 17, 1936

48,390.—*Title:* BEECH-NUT CLOVEMINTS. For Clove and Mint Flavored Candies. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published July 5, 1935.

48,391.—*Title:* BEECH-NUT SPEARMINTS. For Spearmint Flavored Candies. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published July 5, 1935.

48,392.—*Title:* BEECH-NUT WINTERGREENS. For Wintergreen Flavored Candies. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published July 5, 1935.

48,393.—*Title:* CONFECTIONERS' TELEGRAPH DELIVERY ASSOCIATION. For Confections. FRANKLIN P. COOK, Atlantic City, N. J. Published August 29, 1936.

48,394.—*Title:* GARDEN TIME. For Canned Sweet Corn. E. H. GUNTER, doing business as Mt. Pleasant Food Products Co., Mount Pleasant, Iowa. Published March 20, 1934.

48,395.—*Title:* RURAL GOLD YELLOW CLING PEACHES. For Yellow Cling Peaches. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published August 10, 1936.

48,396.—*Title:* TEN PENNY. For Whiskey. SIEGFRIED LOEWENTHAL COMPANY, Cleveland, Ohio. Published May 15, 1936.

48,397.—*Title:* O-G-V MEN'S OLIVE-CASTILE SHAMPOO. For a Preparation for Shampooing the Hair. OGILVIE SISTERS LABORATORIES, INC., doing business as Ogilvie Method, New York, N. Y. Published February 1, 1936.

48,398.—*Title:* O-G-V MEN'S PINE SOAPLESS SHAMPOO. For a Preparation for Shampooing the Hair. OGILVIE SISTERS LABORATORIES, INC., doing business as Ogilvie Method, New York, N. Y. Published February 1, 1936.

48,399.—*Title:* PROTECSUN FOR THE HAIR. For a Preparation for Protecting the Hair From the Burning Rays of the Sun. OGILVIE SISTERS LABORATORIES, INC., doing business as Ogilvie Method, New York, N. Y. Published June 15, 1936.

48,400.—*Title:* PROTECSUN FOR THE HAIR. For a Preparation for Protecting the Hair from the Burning Rays of the Sun. OGILVIE SISTERS LABORATORIES, INC., doing business as Ogilvie Sisters, New York, N. Y. Published June 15, 1936.

48,401.—*Title:* O-G-V MEN'S RECONDITIONING OIL. For a Preparation for the Reconditioning of the Hair with a Hot Oil Shampoo. OGILVIE SISTERS LABORATORIES, INC., doing business as Ogilvie Method, New York, N. Y. Published February 1, 1936.

48,402.—*Title:* SANIDENTUR. For a Powder for Cleaning Chemically and Deodorizing Removable Dental Plates and Bridges. THE SANIDENTUR CO., Los Angeles, Calif. Published September 8, 1936.

48,403.—*Title:* EL CAMINO REAL. For Sherry. GIOVANNI VAI, doing business as Cucamonga Valley Wine Co., Los Angeles and Ontario, Calif. Published April 2, 1936.

PRINTS

REGISTERED NOVEMBER 17, 1936

15,920.—*Title:* ROOM RECIPES BY THE BIGELOW WEAVERS. For Carpets and Rugs. BIGELOW-SANFORD CARPET CO. INC., New York, N. Y. Published August 10, 1936.

15,921.—*Title:* BE SURE TO INCLUDE IN YOUR GROCERY LIST. For Spaghetti. THE JOHN B. CANEPA COMPANY, Chicago, Ill. Published June 20, 1936.

15,922.—*Title:* DRUMS CLEANS. For Cleaning Powder. DRUMS, INC., Detroit, Mich. Published September 2, 1936.

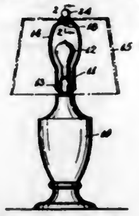
15,923.—*Title:* PARKE-DAVIS STANDARDIZED VITAMIN PRODUCTS. For Cod-Liver Oil. PARKE-DAVIS & COMPANY, Detroit, Mich. Published August 19, 1936.

15,924.—*Title:* SUNNY RISE. For Beer. SUNRISE BREWING COMPANY, Cleveland, Ohio. Published September 9, 1936.

REISSUES

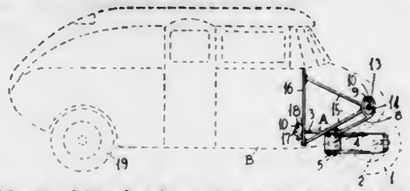
NOVEMBER 17, 1936

20,170
SWIVEL HARP FIXTURE FOR ELECTRIC LAMPS
Kornel Berger, New York, N. Y.
Original No. 1,974,947, dated September 25, 1934, Serial No. 714,810, March 9, 1934. Application for reissue May 11, 1935, Serial No. 21,068
13 Claims. (Cl. 240—148)



11. A swivel harp fixture for mounting a shade on an electric lamp, comprising a wire harp frame, a stud adjustably mounted on a portion of said frame for supporting said shade, a washer mounted on said stud, and shoulder means forming a permanent part of said stud for holding said washer in frictional engagement with said frame and for supporting said lamp shade.

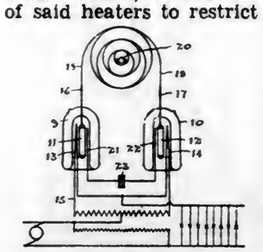
20,171
MOTOR VEHICLE
Glenn H. Curtiss, deceased, late of Country Club Estates, Fla., by Lena P. Wheeler, assignee, Miami Springs, Fla.
Original No. 1,948,744, dated February 27, 1934, Serial No. 376,985, July 9, 1929. Application for reissue January 31, 1936, Serial No. 61,822
36 Claims. (Cl 180—11)



36. A vehicle having a transverse, substantially vertical board, a transverse member carried by said board and having means by which it is attached thereto at a plurality of points, and a motor support comprising spaced members carried by and projecting from said member longitudinally of the vehicle adjacent the opposite sides thereof.

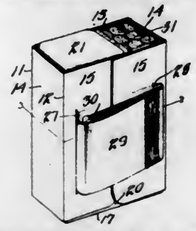
20,172
ELECTRIC METER OF THE THERMAL TYPE
Paul M. Lincoln, Ithaca, N. Y.
Original No. 1,992,535, dated February 26, 1935, Serial No. 658,741, February 27, 1933. Renewed May 11, 1934. Application for reissue September 18, 1935, Serial No. 41,181
16 Claims. (Cl. 171—270)

15. In a thermal electric meter, the combination with registering means and opposing heat responsive means for operating said registering means and electric heaters associated with said heat responsive means, of means for conducting heat from said heaters, and means associated with each of said heaters to restrict the escape



of heat to said conducting means to effect the differential operation of said heat responsive means in relation to the heat applied.

20,173
CIGARETTE PACKAGE
Bruce McPherson, Greenville, S. C.
Original No. 1,944,098, dated January 16, 1934, Serial No. 672,476, May 23, 1933. Application for reissue November 30, 1934, Serial No. 755,499
12 Claims. (Cl. 206—48)

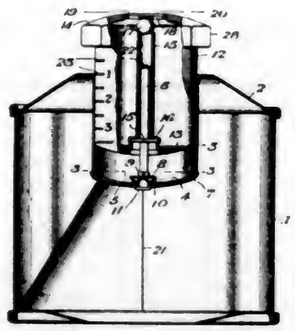


8. A container for a package of cigarettes comprising a blank having a rectangular portion foldable to form a hollow substantially rectangular body adapted to fit snugly about the exterior of and substantially enclose a package of cigarettes, said blank also having an extending portion forming a closure means for both ends of the container, said portion at the end thereof remote from the body portion being of a width less than the width of the container thereby providing an opening through which access may be had to the contents of the container to afford removal of cigarettes therefrom.

20,174
CONTAINER SEALING AND DISPENSING DEVICE
John B. Paardecamp, Brooklyn, N. Y.
Original No. 1,959,276, dated May 15, 1934, Serial No. 687,524, August 30, 1933. Application for reissue March 30, 1936, Serial No. 71,813
14 Claims. (Cl. 221—98)

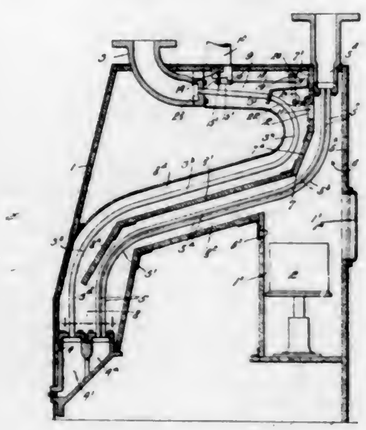
1. In a device of the class described, a container, a cover therefor including an open top measuring cylinder having an inlet aperture in its lower end, a cylindrical stopper closed at its lower end, slidable to different set positions in said measuring cylinder to vary the capacity of the latter and also rotatable in said cylinder, a shutter for said aperture and adjustable to opening and closing positions, respectively, and op-

erating connections between the stopper and shutter for adjusting said shutter to opening and



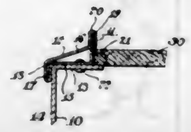
closing positions by rotation of said stopper in any set position of the latter.

20,175
WATER HEATING APPARATUS FOR HOUSE HEATING SYSTEMS
Joseph Vanorio, Mount Vernon, N. Y., assignor of one-fifth to Joseph F. O'Brien, Englewood, N. J.
Original No. 1,925,780, dated September 5, 1933, Serial No. 524,661, March 23, 1931. Application for reissue September 5, 1935, Serial No. 39,317
7 Claims. (Cl. 122—23)



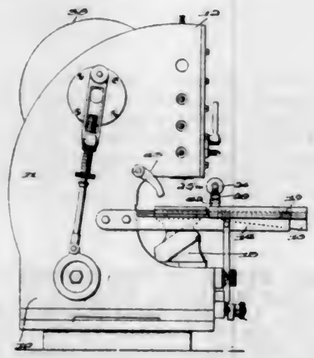
6. Water-heating apparatus, embodying, in combination, a casing provided with a combustion chamber, a gas outlet for the products of combustion, a flue having a gas-receiving end communicating with said combustion chamber and provided with a tortuous intermediate portion communicating with said gas-receiving end and having a gas-discharge end-portion communicating with said gas outlet and normally separated from said combustion chamber, a burner within said combustion chamber, copper water-tubes having an inlet portion disposed in the gas-discharge end-portion of said flue, an intermediate portion extending through said intermediate tortuous flue and provided with an outlet portion extending through the gas-receiving end of said flue and through said combustion chamber above said burner, said water tubes at the portion thereof disposed at the gas-receiving end of said tortuous flue and in the combustion chamber having a wide, upwardly-disposed curve to provide a convection-circulation of increased velocity.

20,176
AUTOMOBILE BODY AND MOUNTING THEREFOR
John P. Tarbox, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
Original No. 1,804,658, dated May 12, 1931, Serial No. 213,293, August 16, 1927. Application for reissue July 14, 1936, Serial No. 90,619
23 Claims. (Cl. 296—28)



12. In a vehicle construction, an underframe side sill of angle section having a vertical branch and an inwardly extending branch at the top of said vertical branch, and a body structure having a threshold portion, said threshold portion being generally of Z-section, a web of the Z being seated on the inwardly extending branch of the sill, the outer arm of the Z depending and its inner arm upstanding, the depending arm being spaced in its body from the underframe side sill and secured thereto in its lower margin to form therewith a box section structure.

20,177
ORNAMENTING MACHINE
Benjamin W. Freeman, Cincinnati, Ohio
Original No. 1,990,594, dated February 12, 1935, Serial No. 563,428, September 17, 1931. Application for reissue October 5, 1936, Serial No. 104,126
37 Claims. (Cl. 101—316)



1. A machine for ornamenting shoe parts comprising a movable support, means to properly position a piece of work on said support, a marking die and a cutting die, means mounted on said support to apply ink to said marking die, means to actuate said marking and cutting dies as a unit into ornamenting relation to the work, and means to restrain said actuating means until said support reaches a predetermined position relative to said dies.

26. A machine for ornamenting shoe parts comprising a movable support, means to properly position a piece of work on said support, a marking die and a cutting die, means mounted on said support to apply ink to said marking die, means to effect a relative movement of the said support, and said marking and cutting dies as a unit into ornamenting relation to the work, and means to restrain said actuating means until said support reaches a predetermined position relative to said dies.

PLANT PATENTS

GRANTED NOVEMBER 17, 1936

204
WHITE CHRYSANTHEMUM
Clarence C. Mayhew, Sherman, Tex., assignor to Texas Nursery Company, Sherman, Tex.
Application February 7, 1936, Serial No. 62,832
1 Claim. (Cl. 47—60)

A new and distinct variety of chrysanthemum plant as herein shown and described, characterized by its polyanthous and mound-like habit of growth, its early blooming habit, and the white color of its flower.

205
BRONZE CHRYSANTHEMUM
Clarence C. Mayhew, Sherman, Tex., assignor to Texas Nursery Company, Sherman, Tex.
Application February 7, 1936, Serial No. 62,831
1 Claim. (Cl. 47—60)

A new and distinct variety of chrysanthemum plant as herein shown and described, characterized by its polyanthous and mound-like habit of growth, its early blooming habit, and the bronze color of its flower.

206
BUDDLEIA
Paul Schmidt, Youngstown, Ohio
Application November 15, 1935, Serial No. 49,982
1 Claim. (Cl. 47—60)

A Buddleia as herein shown and described and distinguished by rich heavy dark green foliage, great abundance of flower panicles or bloom heads normally larger and having more circularity than the bloom heads of either of the parent Buddleia and the panicles being of a lilac color, and having characteristics making it more suitable for use as a cut flower.

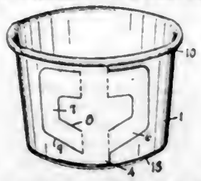
207
HYBRID POPLAR
Ralph H. McKee, New York, N. Y.
Original application August 26, 1930, Serial No. 477,979. Divided and this application June 29, 1935, Serial No. 29,144
1 Claim. (Cl. 47—59)

A new and distinct variety of poplar as described characterized particularly by its rapid growth in height and diameter, its resistance to disease, its ready propagation from cuttings, and its average fiber length of about 0.66 mm. in one year old trees.

PATENTS

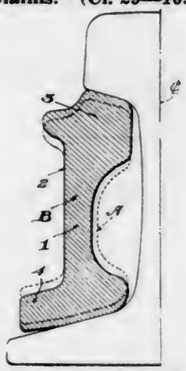
GRANTED NOVEMBER 17, 1936

2,060,781
CUP OR DISH
James E. Annen, Kalamazoo, Mich., assignor to Sutherland Paper Company, Kalamazoo, Mich.
Application February 17, 1936, Serial No. 64,258
12 Claims. (Cl. 229—52)



9. A dish or cup comprising a side wall formed with overlapping ends adhesively secured together, the outer overlapping portion being slitted to provide a loop-like handle adapted to be swung outwardly for grasping or to be collapsed into the recess resulting from the slitting of the handle from said outer overlapping portion.

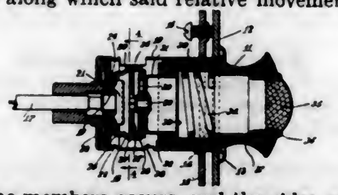
2,060,782
METHOD OF FABRICATING SPLICE BARS
Victor C. Armstrong, Short Hills, N. J., assignor to The Rail Joint Company, New York, N. Y., a corporation of New York
Application March 14, 1935, Serial No. 11,112
3 Claims. (Cl. 29—169)



1. The herein described method of fabricating new splice bars which consists first in the step of rolling a blank to a basic bar shape of predetermined area and physical properties, and subsequently subjecting the basic bar to a forging operation to displace metal from the web and to redistribute it proportionally in another part or parts of the bar thereby to increase the fishing height of the basic bar but without material disturbance in the relationship between the section modulus respectively above and below the horizontal neutral axis of the bar.

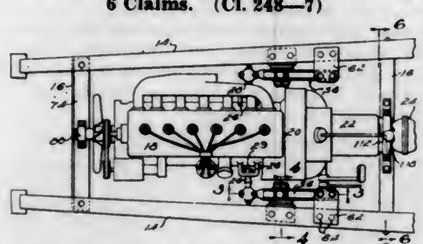
2,060,783
CIGAR LIGHTER
Philip E. Ashton, Meriden, Conn., assignor to The Cuno Engineering Corporation, Meriden, Conn., a corporation of Connecticut
Application October 8, 1934, Serial No. 747,377
18 Claims. (Cl. 219—32)

3. A cigar lighter comprising socket and plug members, one of which is stationary and the other removable, a heater on the removable member, means for frictionally maintaining the plug and socket members engaged, at least one of said members being of metal, said friction means comprising a tongue stamped out of the metal member for cooperation with the surface of the other member along which said relative movement be-



tween the members occurs, and the sides of said tongue diverging from its tip to stiffen the tongue, and the surface of the metal member containing the tongue being rounded whereby at least the base of the tongue is also rounded and is of greater angular extent than its tip to additionally stiffen the tongue.

2,060,784
ENGINE MOUNTING
James A. Bent, Detroit, Mich.
Application February 10, 1934, Serial No. 710,626
6 Claims. (Cl. 248—7)

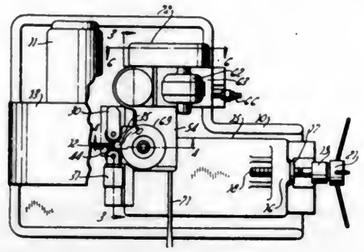


1. In combination with a motor vehicle having a chassis frame including side members and a unitary power plant including an engine, clutch and transmission mechanism, means for supporting said power plant in said frame including a pivot pin mounted upon each of said side members, a pad of yieldable non-metallic material insulating each of said pins from the corresponding of said side members, a lever pivoted upon each of said pins, means connecting each of said levers with said power plant, and means interposed between said levers and said frame yieldingly supporting said power plant for rocking movement about a generally longitudinally extending line by yieldingly resisting rocking movement of said levers about their respective pivot pins.

2,060,785
GRINDING MACHINE
George W. Binns and Clement Booth, Cincinnati, Ohio, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio, a corporation of Ohio
Application August 10, 1934, Serial No. 739,232
11 Claims. (Cl. 51—103)

8. A machine for effecting beveling of the edge of a roll or the like including a rotatable grinding wheel having its periphery transversely curved

in conformity with the shape of the work piece to be beveled, and means for presenting the edge of the work piece in substantially tangential relation to the formed periphery of the grinding wheel, said means including a support for the end of the work piece, a pair of members span-



ning the grinding wheel and peripherally engaging the work piece for determining the relationship of its axis to the grinding wheel, and a rotatable control member disposed in opposition to said members for effecting rotation of the work piece about the axis determined by the members during the grinding operation.

2,060,786
PROCESS OF PRODUCING ALLOPRENE-RAYON AND PRODUCTS THEREOF
Rudolph S. Bley, Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application October 8, 1934, Serial No. 747,399
9 Claims. (Cl. 106—40)

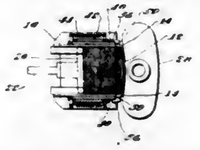
1. A spinning solution for the production of cellulosic products comprising a solution of the group consisting of viscose, and cuprammonium cellulose, and "alloprene".

2,060,787
VISCOSE AND CUPRAMMONIUM CELLULOSE SPINNING SOLUTIONS AND PRODUCTS THEREOF
Rudolph S. Bley, Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Original application September 8, 1934, Serial No. 743,301. Divided and this application October 22, 1935, Serial No. 46,115
12 Claims. (Cl. 106—40)

1. A spinning solution for the manufacture of soft-lustre products comprising a substance selected from the group consisting of viscose and cuprammonium cellulose together with a phenylnaphthalene, said naphthalene being substantially water- and alkali-insoluble, having a boiling point above 100° C. and the structure $C_{10}H_7.(R_1)_x$ in which R_1 represents a phenyl group.

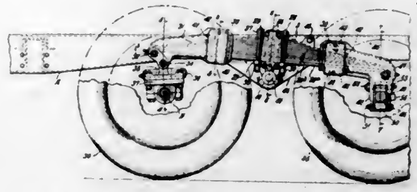
2,060,788
LABELING MACHINE
Otto George Brautigam, Jersey City, N. J., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass., a corporation of Massachusetts
Application May 22, 1935, Serial No. 22,809
5 Claims. (Cl. 216—34)

3. In a labeling machine, in combination, a label magazine provided with means for causing the foremost labels therein to assume a convex shape prior to the engagement of the foremost label with the article to be labeled while permit-



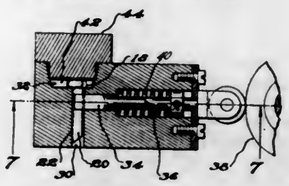
ting the main body of the labels within the magazine to remain in a flat condition.

2,060,789
SUSPENSION AND LOAD EQUALIZING SYSTEM FOR VEHICLES
Adolph Paschal Buquor, York, Pa., assignor, by mesne assignments, to Reconstruction Finance Corporation, Philadelphia, Pa., a corporation
Application September 21, 1934, Serial No. 744,931
14 Claims. (Cl. 280—124)



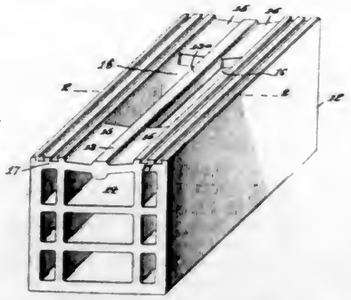
1. In a suspension and load equalizing system for motor vehicles, a vehicle frame, a pair of laminated springs pivoted intermediate their ends to the sides of the frame, a pair of parallel wheel axles, means for universally pivotally connecting one of the axles to one end of each of the springs, and means for rockably and slidably connecting the second axle to the remaining ends of the springs, said last mentioned means including a shoe having a bearing surface extended in the direction of the length of said axle interposed between each spring and the axle, and a shock absorbing and sound deadening block connected to each spring and bearing against the axle in opposition to said shoe.

2,060,790
METHOD OF ATTACHING A POST TO A TOP-LIFT
Robert W. Chandler, Worcester, Mass., assignor to Fitz-On Sales Corporation, Worcester, Mass., a corporation of Massachusetts
Application July 23, 1934, Serial No. 736,498
4 Claims. (Cl. 12—147)



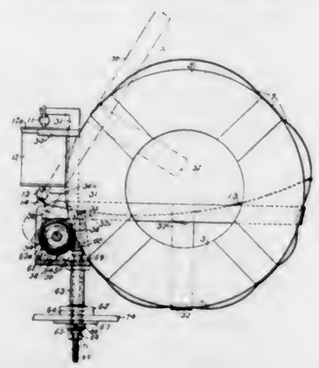
1. The method of making a detachable top lift construction which comprises the formation of a post of resilient cross-section, assembling the post in a loose receiving cavity, while so assembled sizing the post to a predetermined cross-section, and permanently assembling the sized post with a top lift.

2,060,791
BUILDING TILE
Herbert C. Cockrell, Washington, D. C., and Llewellyn W. Cockrell, East Falls Church, Va.
Application June 12, 1936, Serial No. 84,964
3 Claims. (Cl. 72—41)



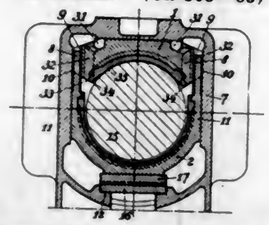
1. A hollow building tile having on its upper side a centrally arranged grip or handle part arranged above a void, there being one or more openings at the side or sides of the said grip or handle part, and which opening or openings communicate with said void, thus affording a clearance or clearances at the side or sides of and beneath said grip or handle part against or around which latter the hand of a person may be closed in handling or carrying the tile.

2,060,792
SHIP'S LIFESAVING DEVICE
Harry Barlow and Torger Birkland, Port Blakely, Wash.
Application September 11, 1934, Serial No. 743,620
3 Claims. (Cl. 114—190)



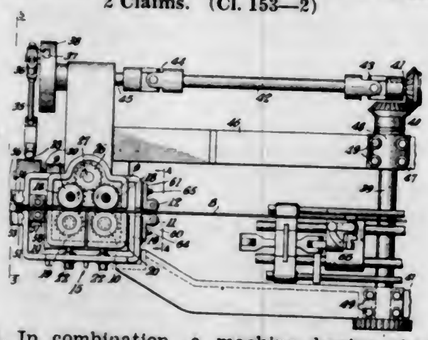
1. In a ship's life-saving device, the combination of a receptacle having spaced elements constructed and arranged in proper relation to loosely engage with widely spaced segmental parts of an annular life-buoy so as to support the latter in freely removable relation and in upright position, a spring device united with said receptacle, means normally holding the spring restrained and releaseable for effecting a quick movement of the receptacle in the proper direction for throwing the life-buoy edgewise from the ship into the water, and an upright support provided with means to secure it to the ship and with means to support the receptacle and the spring device.

2,060,793
LUBRICATED AXLE BEARING
Victor Alexander Bary, London, England
Application March 26, 1930, Serial No. 439,106
In Great Britain April 8, 1929
18 Claims. (Cl. 308—83)



1. In a journal bearing particularly for railway vehicles, the combination comprising an axle journal, an upper bearing brass transmitting the load to the journal and having an unbroken, smooth bearing surface, the lateral portions of the bearing surface of the brass being clear of the journal, the end surfaces of the brass being upwardly inclined and intersecting said lateral portions above the journal, whereby drip surfaces are formed which lie lower than the adjacent surfaces of the brass, and means for conveying lubricant to said dripping surfaces.

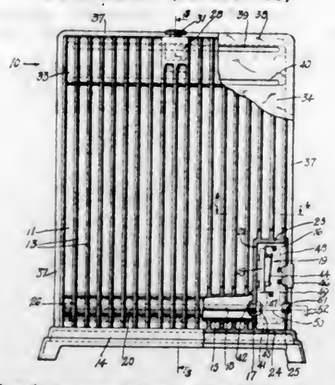
2,060,794
STOCK FORMER
Alwyn E. Borton, South Orange, N. J., assignor, by mesne assignments, to Associated Patentees, Inc., Ampere, N. J., a corporation of New Jersey
Application October 18, 1932, Serial No. 638,360
2 Claims. (Cl. 153—2)



1. In combination, a machine having shaft bearings which can be closed by bearing caps, a base structure having bearing cap portions engageable over said machine bearings and whereby said base structure is attachable in definitely aligned relation on the machine base, shafting carried by said base structure and having coupling means by which the same may be connected in driven relation with shafting on the machine base, strip forming rolls mounted on said attachable base structure and means for driving said strip forming rolls from said shafting on the base structure.

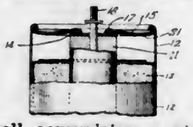
2. In combination, die rolls for imparting a different cross-sectional shape to substantially flat strip stock, reciprocating die mechanism for operating on strip stock of said particular cross-sectional shape, feed jaws shaped to grip strip stock of said cross-sectional shape and mounted for reciprocating movement between said die rolls and said reciprocating die mechanism and common drive means for reciprocating said feed jaws and for turning said die rolls on each feed stroke of said feed jaws a distance sufficient to cross-sectionally shape a length of flat strip stock substantially equal to the feed stroke of the reciprocating feed jaws and whereby material of the required cross-sectional shape for the forming die mechanism will be drawn from the die rolls after being formed by said die rolls from flat strip stock and only in the amount required for operation of the mechanism and the feed jaws at each return stroke will find stock cross-sectionally shaped strip ready to be gripped by said jaws.

2,060,795
HEATER
James P. Burke, Knoxville, Tenn., assignor of one-third to John L. Callaway, Sr., Knoxville, Tenn.
Application January 14, 1935, Serial No. 1,643
13 Claims. (Cl. 219—38)



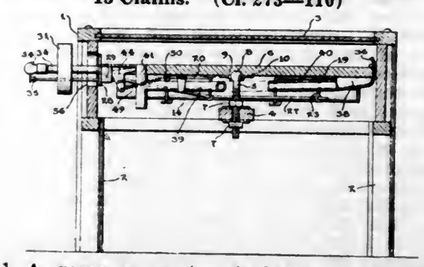
1. A heater comprising a plurality of one piece shallow plate like sections adapted to be joined at their edges to provide a chamber therebetween, each section having radiation fins on the outside thereof, a plate wholly plane throughout extending along and between the sections connected continuously thereto between all the edges thereof to divide said chamber into a plurality of compartments, and said plate providing vertically spaced openings for intercommunicating said compartments, for circulation of a heating fluid between the different compartments, and means to supply heat to one of the compartments.

2,060,796
DRY CELL
Nelson C. Cahoon, Fremont, Ohio, assignor to Union Carbide and Carbon Corporation, a corporation of New York
Application June 17, 1931, Serial No. 545,119
Renewed March 4, 1936
18 Claims. (Cl. 136—133)



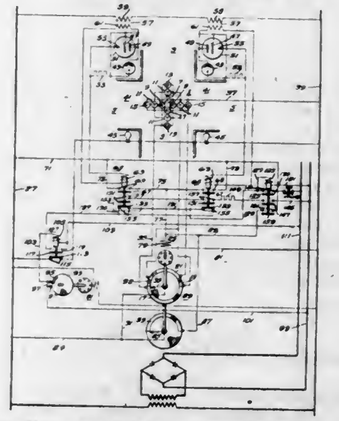
1. A dry cell comprising a zinc container, a carbon electrode therein, an annular metal closure having its outer edge secured to the upper end of said container and having its inner edge extending inwardly of the periphery of said electrode, and an insulating gasket having its outer edge secured between said closure and said container and its inner edge extending inwardly of the outer periphery of said electrode.

2,060,797
GAME APPARATUS
Benjamin V. Chambers, Tampa, Fla.
Application April 4, 1932, Serial No. 603,118
13 Claims. (Cl. 273—110)



1. A game apparatus including a centrally pivoted universally tiltable game board provided with pockets for the reception of balls and adapted to be manually manipulated to control the movement of the balls, and a weighted operating member connected with the game board and located centrally of one end of the game board and adapted to be moved upwardly and downwardly and also rotated and normally maintaining the game board in unstable equilibrium and adapted when released by a player to tilt the game board automatically to an inclined position.

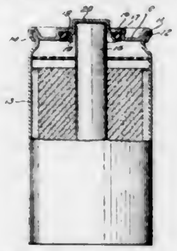
2,060,798
TRAFFIC CONTROL APPARATUS
Ezra F. Critchlow, Munhall, Pa., assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania
Application December 4, 1931, Serial No. 578,891
13 Claims. (Cl. 177—337)



1. A traffic control system comprising a right-of-way indicating device to display sets of stop and go signals for a plurality of highways, means for energizing said signals, a controller incorporating a plurality of cooperative timing elements cooperating with said energizing means to regulate the display of stop and go signals for each of said highways, means for motivating said controller, said motivating means being normally deenergized whereby said controller cooperates with said signals and said energizing means to display go signals for one group of said

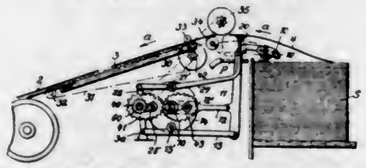
highways and stop signals for another group of said highways, means to be actuated by vehicles moving along said last named group of highways to coact with said energizing means to energize said motivating means, and, during a predetermined interval of time which is appreciably longer than the interval during which said vehicle-actuable means is actuated by a vehicle in motion along said highway at a normal rate of speed, to maintain said motivating-means energized only so long as said vehicle-actuable means is vehicle-actuated and after said interval of time to maintain said motivating means energized regardless of whether or not said vehicle-actuable means is vehicle actuated, whereby after said interval of time go and stop signals are successively displayed for said last named group of highways and stop and go signals are successively displayed for said first named group of highways and means cooperating with said controller and said energizing means to deenergize said motivating means after it has been energized and at the instant that the go signal reappears for said first named group of highways and the stop signal reappears for said last named group of highways.

2,060,799
CLOSURE FOR DRY CELLS
Price Drummond, Rocky River, Ohio, assignor to National Carbon Company, Inc., a corporation of New York
Application November 30, 1932, Serial No. 645,008
1 Claim. (Cl. 136—133)



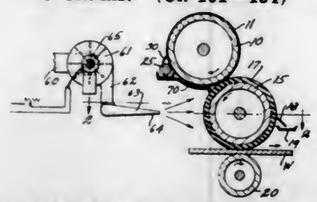
In a dry cell, an inner electrode comprising a carbon rod and a conductive cap on said carbon rod; an outer electrode comprising a zinc can and a conductive top having the outer margin thereof secured to said zinc can and the inner margin adjacent said inner electrode; and a preformed rigid dielectric washer having the inner margin thereof forming a compression joint with only said inner electrode and the outer margin thereof forming a compression joint with only said outer electrode.

2,060,800
SHEET FEEDER
Hans Ehrig and Ulrich Keilhauer, Leipzig, Germany
Application January 6, 1936, Serial No. 57,655
In Germany December 6, 1935
8 Claims. (Cl. 271—28)



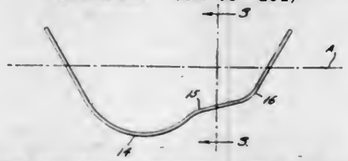
1. In a sheet feeder for printing presses, ruling, folding and like machines the combination with means for separating the sheets from a pile, of means for conveying the separated sheets to the press, said separating means comprising two sets of grippers, a primary and a secondary one, which are cooperatively arranged at the front end of the pile of sheets, the grippers of the primary set being adapted to engage the sheets from above and being provided with means for being tilted and moved in a closed cycle of movements, so as to separate, lift and advance the sheets in the feeding direction, the grippers of the secondary set being adapted to subsequently engage the sheets from underneath and being provided with means for laterally stretching the sheets and for being moved in a closed cycle of movements so as to further advance and deliver the sheets to the conveying means.

2,060,801
METHOD AND APPARATUS FOR DECORATING SURFACES
Karl Eichstädt, Berlin, Germany, assignor to Oxford Varnish Corporation, Detroit, Mich., a corporation of Michigan
Application November 16, 1933, Serial No. 698,329
In Germany November 28, 1932
3 Claims. (Cl. 101—154)



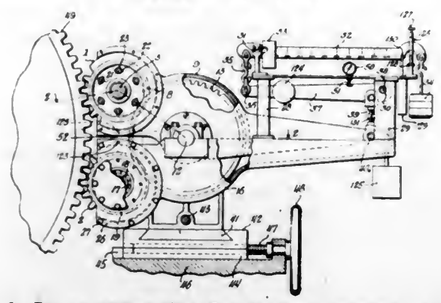
1. An apparatus for decorating surfaces, comprising a frame, a roll mounted in the frame, a pattern on said roll, means to supply a color to said roll, means to remove excess color from said roll, an offset roll rotatably mounted in said frame and in contact with such pattern roll to receive the color therefrom, means to support articles to be decorated in contact with said transfer roll whereby color is transferred to such articles, means to heat the color after it has been transferred to said offset roll and before it has been transferred to the article to be decorated, said last-named means including means to force a current of heated air toward substantially all of the color on said offset roll and simultaneously toward the work to be decorated, and means to shield the pattern roll from such heated current of air.

2,060,802
PROCESS OF KNIFE MANUFACTURE
Mark Ewald, Olympia, Wash., assignor to Special Equipment Company, Portland, Oreg., a corporation of Oregon
Application February 15, 1934, Serial No. 711,354
9 Claims. (Cl. 76—104)



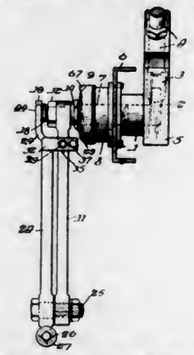
1. The process of manufacturing a rotatable peeling knife that includes the successive steps of deforming a strip-like blank of metal into a configuration corresponding to a narrow peripheral section of an article whose peel is to be removed, determining points upon the deformed blank intersected by the axis of rotation of said blade, and removing material from said blank to provide a periphery therefor of transverse sections characterizing arcs about such axis pursuant to forming a cutting edge upon the blank.

2,060,803
MEANS FOR TREATING GEARS
Herman W. Falk, Milwaukee, Wis., assignor to Falk Corporation, Milwaukee, Wis., a corporation of Wisconsin
Application August 14, 1933, Serial No. 684,947
8 Claims. (Cl. 73—51)



1. In an apparatus for testing, proving, and finishing gears, the combination comprising means for mounting for rotation a gear to be treated, tooth-engaging means for acting upon said gear, relatively movable means operatively connected to said tooth-engaging means, means for transmitting a selected load to said relatively movable means for communicating a force to the gear to be treated, loading means for loading said transmitting means, and measuring means for measuring relative movement of said relatively movable means.

2,060,804
STEERING CONTROLLER
Arthur A. Friestedt, McHenry, Ill.
Application May 15, 1933, Serial No. 671,153
13 Claims. (Cl. 280—90)

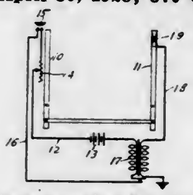


1. In a vehicle steering apparatus, a drag link for turning dirigibly mounted steering wheels, a manually rotatable shaft and a swinging arm fixed thereon, a lever pivoted to said arm and to said link at longitudinally separated points, a cylindrical chamber concentric with said shaft having a close fitting concentric piston therein moving in a body of liquid, said arm and piston being connected for simultaneous movement, and valve means connected with said lever actuated by pivotal movement of said lever on said arm for regulating liquid flow in the chamber to control motion of said piston.

2,060,805
DEWAXING OF LUBRICATING OIL
Francis X. Govers, Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill., a corporation of Maine
No Drawing. Application February 20, 1934, Serial No. 712,172
9 Claims. (Cl. 196—19)

2. The process of manufacturing a low cold test lubricating oil from a wax-bearing fraction of a mineral oil which is substantially free from constituents having a boiling point equal to or below that of gas oil which comprises mixing the said fraction with a solvent liquid composed of methyl ethyl ketone in admixture with a solvent liquid selected from the group consisting of toluol, xylol and cumene in such a ratio to each other and to the said fraction that at temperatures of approximately 100° F. the solvent mixture has substantially complete solvent action on such fraction, and at temperatures of −5° F. and below has substantially complete solvent action on the liquid hydrocarbons but substantially no solvent action on the solid hydrocarbons therein, and upon removal of the solid hydrocarbons and the solvent liquid mixture such fraction has a cold test substantially the same as the temperature of the mixture at the time of the removal of the solid hydrocarbons, cooling the mixture to a temperature of 0° F. or below, and removing therefrom the hydrocarbons so precipitated.

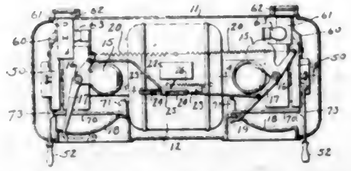
2,060,806
AIRCRAFT INTERCOMMUNICATION SYSTEM
Gurney L. Hunt, Washington, D. C.; Mabel Graybill Hunt executrix of said Gurney L. Hunt, deceased
Application December 14, 1932, Serial No. 647,238
4 Claims. (Cl. 177—339)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a safety apparatus for dual control aircraft having a master control stick for operation by a master pilot and an auxiliary control stick for operation by an auxiliary pilot and interconnected with said master control stick for movement in unison therewith, the combination of a primary low tension direct current circuit including a circuit interrupting device and a manually operable switch mounted on said master control stick within convenient access to the master pilot; and a secondary high tension electric circuit electrically coupled with said low tension primary circuit and including an electrode mounted on said auxiliary control stick for engagement with the hand of the auxiliary pilot, said secondary high tension circuit being adapted, when said switch on the master control stick is closed, to deliver an electric shock through said electrode

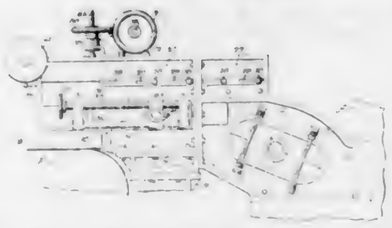
of sufficient intensity to cause the auxiliary pilot to release through subconscious muscular reaction said auxiliary control stick.

2,060,807
FOOD HANDLING APPARATUS
Herbert L. Johnston, Troy, Ohio, assignor to The Hobart Manufacturing Company, Troy, Ohio, a corporation of Ohio
Application February 13, 1935, Serial No. 6,347
17 Claims. (Cl. 83—18)



1. A coffee mill of the character described comprising a motor, grinding means operated thereby, grade selector means for said grinding means adjustable from a non-grinding position to a plurality of grinding positions, a hopper, a motor switch, a handle movable to an on position for causing the opening of said hopper and the closing of said motor switch, a pivoted arm, means cooperating with said pivoted arm and said handle for retaining said handle in said on position, means effective upon the movement of said grade selector means to non-grinding position to effect the release of said handle by said pivoted arm.

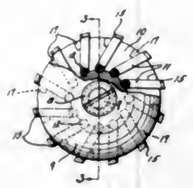
2,060,808
HYDRAULIC INLET FOR PAPER MAKING MACHINES
William R. Kellett, Menasha, and Harry M. Ostertag, Neenah, Wis., assignors to Paper Patents Company, Neenah, Wis., a corporation of Wisconsin
Application November 19, 1934, Serial No. 753,636
22 Claims. (Cl. 92—44)



1. A hydraulic inlet for a paper making machine, including a spout having a forwardly and rearwardly adjustable cover plate, and a front plate secured to said cover plate.

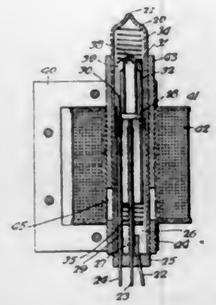
2,060,809
TRANSFER DEVICE
Walter F. Knebusch, Cleveland, and Foster F. Hillix, Lakewood, Ohio, assignors to Industrial Rayon Corporation, Cleveland, Ohio, a corporation of Delaware
Application April 23, 1934, Serial No. 721,930
Renewed August 9, 1935
14 Claims. (Cl. 18—8)

1. A thread transfer mechanism comprising an axle, shrouds mounted on said axle, axially extending slots in said shrouds, blades swingably mounted in said slots and extending beyond



the periphery of said shrouds, and thread-severing heads on said blades.

2,060,810
MERCURY SWITCH
Carl H. Larson, Elkhart, Ind., assignor to The Adlake Company, a corporation of Illinois
Application October 5, 1932, Serial No. 636,288
Renewed April 30, 1934
37 Claims. (Cl. 200—112)



1. In an electro-magnetic mercury switch, the combination of a vertical switch envelope having a quantity of mercury therein, a plurality of electrodes sealed through the envelope, one being constantly in contact with the mercury and two being alternately, but never simultaneously, in contact therewith, a plunger floating on the mercury and determining, by the amount of mercury that it displaces which of the two intermittently immersed electrodes is in contact with the mercury, electromagnetic means for changing the amount of mercury displaced by the plunger, said plunger being in the form of a sleeve provided with an inner cap adapted to fit over one of the two intermittently covered electrodes when the plunger is in its lowered position and cause the electrode to be uncovered.

2,060,811
ANTIFRICTION DISPLACER GUIDE
Carl H. Larson, Elkhart, Ind., assignor to The Adlake Company, a corporation of Illinois
Application October 17, 1934, Serial No. 748,583
10 Claims. (Cl. 200—112)

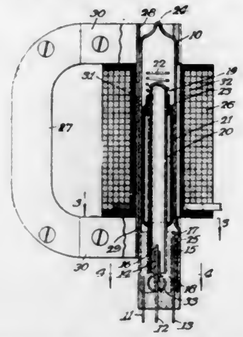
1. In a mercury tube switch, a glass envelope, mercury therein, an armature of soft iron coop-

erating with the mercury and movable along the glass, guides on the armature adapted to travel



along the surface of the glass and presenting to it a surface of hardened steel.

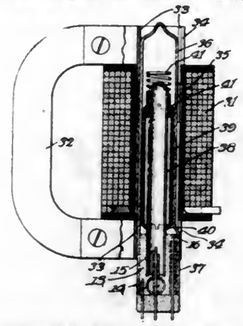
2,060,812
MERCURY SWITCH
Clarence E. Gehrand and Carl H. Larson, Elkhart, Ind., assignors to The Adlake Company, a corporation of Illinois
Application April 18, 1935, Serial No. 17,053
13 Claims. (Cl. 200—112)



9. In a mercury switch of the class described, a switch envelope, spaced electrodes pinch-sealed into the base of the envelope, a mercury fill, a displacer for shifting the mercury level to determine the condition of the electrical circuit through the electrodes, said switch envelope being of cylindrical form except for a substantially uniform elongated protuberance in the side wall of the envelope, said protuberance extending lengthwise of the envelope and terminating at the pinch-seal base thereof, one of the electrodes being positioned vertically within the protuberance.

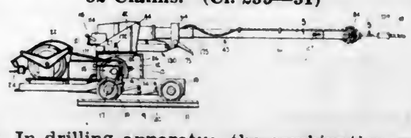
2,060,813
MERCURY TUBE SWITCH
Carl H. Larson, Elkhart, Ind., assignor to The Adlake Company, a corporation of Illinois
Application April 24, 1935, Serial No. 17,964
7 Claims. (Cl. 200—112)

1. In a mercury tube switch, a tube, a conductor sealed through the bottom of the tube and provided with an electrode within the tube, mercury in the tube to co-operate with the electrode, a hollow transparent displacer cooperating with the mercury and adapted to cover the electrode and a hollow magnetic core carried by the displacer and arranged so that a side view of the



electrode is possible through the transparent displacer.

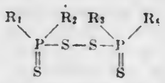
2,060,814
DRILLING MACHINE
Edward G. Lewis, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio
Application August 18, 1932, Serial No. 629,336
52 Claims. (Cl. 255—51)



3. In drilling apparatus, the combination with a supporting frame, of a drilling tool mounted thereon, motor-operated mechanism for rotating said drilling tool, a fluid pressure motor for feeding and retracting said drilling tool, and means for controlling said fluid pressure motor to effect feeding of the drilling tool by fluid pressure and the retraction thereof by suction.

2,060,815
FLOTATION
Merrill W. MacAfee, Berkeley, Calif.
No Drawing. Application September 3, 1935, Serial No. 38,996
5 Claims. (Cl. 209—166)

2. In the process of concentrating ores and minerals by flotation, the step which comprises subjecting a polar non-metallic ore in the form of a pulp to a froth flotation operation in the presence of a chemical compound represented by the formula

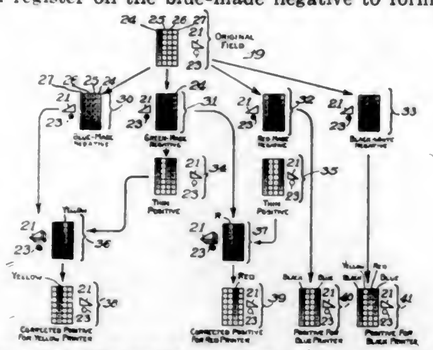


where R_1, R_2, R_3 and R_4 are any aliphatic or cyclic organic radicals or substituted derivatives thereof.

2,060,816
PRODUCTION OF MULTICOLOR-PRINTING PLATES
Robert Mackay, Chicago, Ill.
Application August 27, 1934, Serial No. 741,597
5 Claims. (Cl. 95—2)

1. A process for producing color-separation images for use in making printing plates comprising making a key negative and three color-separation negatives of the same colored field respectively through red, green, and blue filters, making thin positives from the red-made and green-made negatives, superimposing the thin positive from the red-made negative in register on the

green-made negative to form a corrected green-made negative, making a thin positive of the uncorrected green-made negative, superimposing the thin positive from the green-made negative in register on the blue-made negative to form a



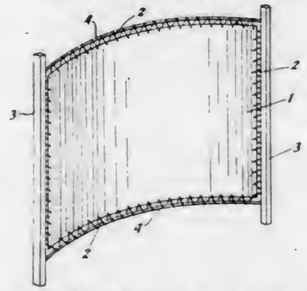
corrected blue-made negative, and printing a set of positives from the corrected blue-made negative, the corrected green-made negative, the red-made negative, and the key negative for the production of plates to print respectively with yellow, red, blue and black inks.

2,060,817

SCREEN FOR OPTICAL PROJECTIONS

Henry Charles Mahoney, Thornton Heath, England

Application July 21, 1933, Serial No. 681,629
In Great Britain July 27, 1932
5 Claims. (Cl. 88—24)



1. An optical projection screen comprising a frame made up of rigid, substantially rectilinear parallel uprights, cross bars of rigid form secured terminally to the uprights, the cross bars being curved longitudinally and in the horizontal plane, with the curvature of the one corresponding to the curvature of the other, a screen proper of woven flexible fabric material having vertical and transverse dimensions less than those of the frame formed by the uprights and cross bars and connectors uniting the edges of the screen proper to the uprights and to the cross bars, said connectors permitting the tensioning of the screen in all directions, and mounting said screen for accommodation to the tensioning in all directions.

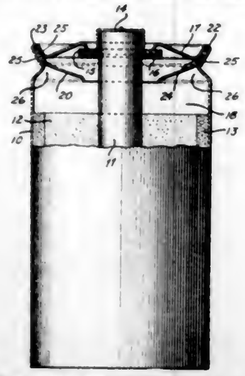
2,060,818

GALVANIC CELL

Paul A. Marsal, Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

Application November 10, 1932. Serial No. 642,068
18 Claims. (Cl. 136—133)

1. In a galvanic cell comprising a metal container anode, a closure comprising metal different from that of said container, and an electrolyte that tends to creep over the inner surfaces of said metals and form deleterious galvanic couples therebetween; means for increasing the



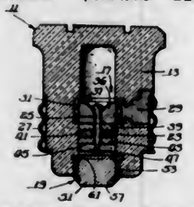
length of the creepage path between said electrolyte and said closure comprising a barrier extending from said container into said cell between said electrolyte and said closure.

2,060,819

FUSE PLUG

Frank J. McHugh, Chicago, Ill., assignor to The Shake-Back Corporation, Chicago, Ill., a corporation of Illinois

Application November 9, 1933, Serial No. 697,262
10 Claims. (Cl. 200—113)



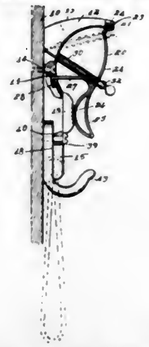
3. A circuit breaker of the character described comprising a pair of spaced electrodes and an insulating body having a channel in which said electrodes are mounted, a connector embedded in said body and having a portion extending to and exposed on the sides of the body and a portion forming an annular seat exposed in the channel substantially mid-way between its ends, said channel forming an expansion chamber on one side of said seat and having an end opening at an end of the body on the other side of the seat, a central electrode comprising a disk having a central perforation mounted in said seat, said perforation widening toward said expansion chamber, means forming a second electrode fitted into and closing said open end of the channel and forming a contact exposed at the end of the body, means comprising a plurality of disks having central openings snugly fitted into the channel between said central and second electrodes and held in position thereby with said openings in alignment with the perforation of the central electrodes to define a duct communicating with said electrodes and opening into said expansion space and a liquid current-carrying medium adapted to enter said duct and form a current-carrying circuit between said electrodes, and, when excessive current conditions prevail in said path, to be expelled from said duct into said expansion space in order to interrupt the current-carrying circuit between said electrodes.

2,060,820

HAT AND COAT HANGER FOR AUTOMOBILES

Martin Meyer, Franklin County, Iowa

Application June 13, 1935, Serial No. 26,430
3 Claims. (Cl. 211—32)



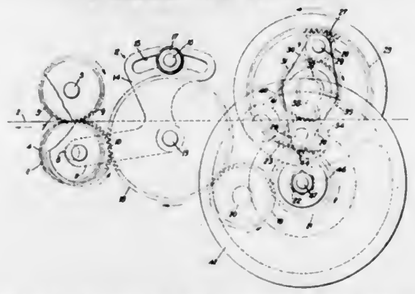
1. In a device of the class described, an upright body portion having a forwardly extending bracket at its upper end; a clamping pad carried by said body; an arcuate clamping arm having one end pivotally connected to the free end of said forwardly extending bracket, the lower end of said arm having a clamping portion adjacent to the said pad; a yoke slidably mounted on the arcuate portion of said clamping arm; and yieldable means supporting said yoke mounted to swing about the center of said arcuate portion whereby the tension between said pad and said clamping member may be varied by sliding said yoke over the arcuate portion of said clamping arm, toward and from its pivoted end.

2,060,821

MANUFACTURE OF ENVELOPES, BAGS, OR OTHER CONTAINERS

Abraham Novick, Flushing, N. Y., assignor to F. L. Smithe Machine Co. Inc., New York, N. Y., a corporation of New York

Application October 7, 1933, Serial No. 692,553
Renewed February 18, 1936
6 Claims. (Cl. 164—64)



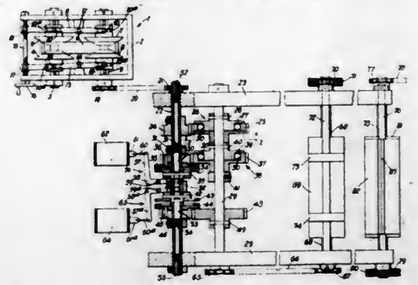
6. In a machine of the class described, the combination with a main shaft of web feeding means, means for facilitating the connection of the web feeding means to the main shaft in a selected gear ratio to select the speed at which the web is fed, a rotary member driven at uniform average speed for intermittently operating on the web through a substantial period in each cycle, means forming a permanent driving connection between the main shaft and said operating member, comprising a pair of co-axial gears and a pinion in mesh therewith, a pinion support journalled co-axially with the gears for swinging about the common axis to rock the pinion while maintaining the same in mesh with said gears, a cam operating from the main shaft at uniform rotary speed, and a cam follower engaging said cam and constituting a crank fixed upon the pinion support, the arrangement being such that the pinion is rocked in each cycle to make the speed of the operating member the same as that of the web throughout the period of engagement of said member with the web.

2,060,822

WEB-FEEDING AND WEB-OPERATING CONTROL MEANS

Abraham Novick, Flushing, N. Y., assignor to F. L. Smithe Machine Co. Inc., New York, N. Y., a corporation of New York

Application August 2, 1934, Serial No. 738,096
3 Claims. (Cl. 271—2.6)



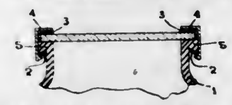
1. In combination, mechanism for feeding a web, mechanism for operating on the same, means responsive to longitudinally-spaced characteristics borne by the web for controlling the relation between the speed of said feeding means and the speed of said operating means, said means comprising, a variable speed drive for one of said mechanisms, said variable speed drive comprising three driving couples, each operative independently of the others for providing a selected speed relation between said feeding mechanism and operating mechanism, and means for selecting one or another of these couples, said means being governed by the spacing of said characteristic marks.

2,060,823

EYEPIECE FOR GAS MASKS

Thomas A. O'Leary, Pittsburgh, Pa.

Application August 24, 1935, Serial No. 37,659
4 Claims. (Cl. 2—14)

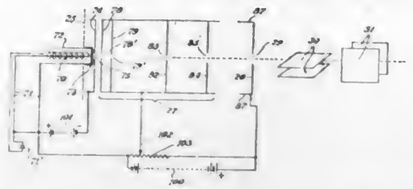


1. In a gas mask construction, a tubular support of yielding molded material having a laterally projecting bead around its outer end of wedge shape with the portion of least thickness at its inner edge, a lens seated on the end of the tube, a base ring around the tube fitting against the side of the bead remote from the lens, and a retaining ring which is angular in cross section having one flange lying over the margin of the lens and the other flange extending across the edge of the bead and having its extreme edge turned inwardly around the edge of the base ring so as to lock it in position.

2,060,824
PAPER MANUFACTURE
Harold Robert Rafton, Andover, Mass., assignor to Raffold Process Corporation, a corporation of Massachusetts
No Drawing. Application June 14, 1933, Serial No. 675,868
22 Claims. (Cl. 92—40)

1. A paper which comprises a fibrous layer containing alkaline filler, at least one surface of which layer is provided throughout substantially the entire area of said surface with juxtaposed particulate substantially nonalkaline areas by virtue of having a surface layer comprising nonalkaline filler combined with and substantially penetrating into said fibrous layer.

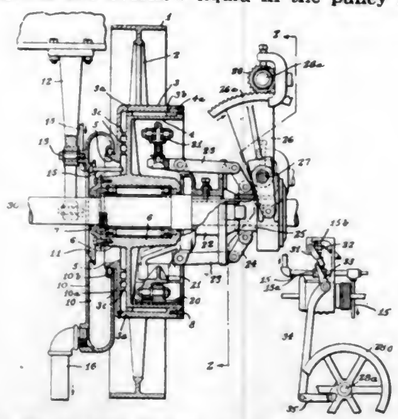
2,060,825
CONTROL OF ELECTRON STREAMS
Hugh C. Ressler and Marshall P. Wilder, New York, N. Y., assignors, by mesne assignments, to Radio Inventions, Inc., New York, N. Y., a corporation of New York
Application August 3, 1934, Serial No. 738,220
11 Claims. (Cl. 250—27)



1. A cathode ray tube system including a cathode emitting an electron stream, a control element immediately adjacent said cathode and controlling said stream, a conducting cylinder receiving said stream and enclosing a substantially uniform electrical field and having an apertured screen element admitting said stream, a second apertured screen within said cylinder and said uniform field whose aperture functions as an object aperture, a third apertured screen within said cylinder, functioning to prevent the passage of undesired portions of said electron stream, and a fourth apertured plate near the end of said cylinder functioning as an electron lens, said cathode ray tube structure also including a fifth apertured plate located beyond said cylinder and functioning as an electron lens, all of said elements being arranged in the order named with respect to the passage therethrough of said electron stream and including means for energizing said cathode and for applying to said elements suitable operating potentials.

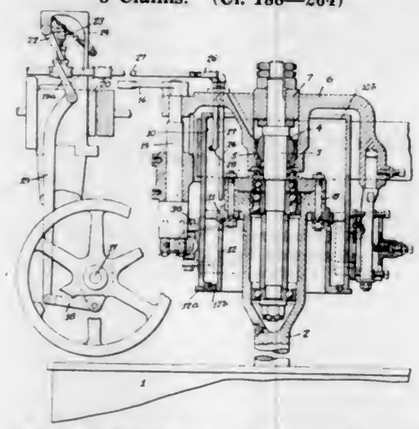
2,060,826
WATER COOLED FRICTION PULLEY
Eugene Roberts, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah, a corporation of Utah
Application March 9, 1935, Serial No. 10,315
8 Claims. (Cl. 192—113)

1. A water cooled friction pulley embracing in its construction an axially bored hub for receiving a central shaft, a hollow friction rim comprising outer and inner members secured together in spaced relation to form intervening radial and annular passages for the circulation of liquid, a stationary casing provided with a lateral opening surrounding the central shaft and forming in conjunction with a corresponding opening in the outer rim member a spill-way for allowing the escape of the overflow liquid in the pulley into



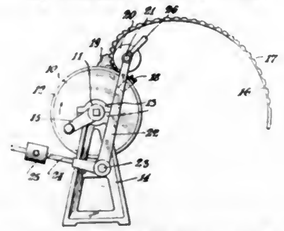
said casing, and means for supplying cooling liquid to said circulating passages.

2,060,827
WATER COOLED PULLEY FOR CENTRIFUGALS AND THE LIKE
Eugene Roberts, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah, a corporation of Utah
Application March 9, 1935, Serial No. 10,316
8 Claims. (Cl. 188—264)



1. A water cooled pulley construction for driving and braking a gyratory suspended shaft for a centrifugal or the like, embracing in its construction a peripheral rim whose belt-engaging portion encircles the shaft at its center of gyration and whose brake-engaging portion forms an extension thereof, and an intermediate inwardly projecting spider for connecting the rim to the shaft and provided with openings for permitting the flow of cooling liquid over the inside face of both portions of said rim, a fixed liquid supply pipe whose delivery end is located inside said pulley to supply cooling liquid thereto, and an offtake pipe whose open intake end is located inside said pulley and positioned to collect the liquid from the inside of the pulley and conduct it therefrom, thereby maintaining continuous circulation of a cooling fluid when the centrifugal is in operation.

2,060,828
METHOD OF FORMING PRINTING SURFACES ON CYLINDERS
Oswald R. Schultz, New York, N. Y., assignor to Cellu-Type Plate Co., Inc., Union City, N. J., a corporation of New York
Application October 5, 1932, Serial No. 636,261
10 Claims. (Cl. 41—25)



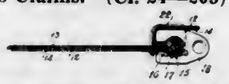
3. An improved method of forming cylindrical printing surfaces including forming a cellulosic backing upon the surface of a cylinder, positioning one end of a copy relief strip against the surface of said cylinder, placing a predetermined mass of a cold-plasticized cellulosic composition on said cylinder and in advance of said copy relief, and thereafter pressure-rolling said copy relief on said cylinder and said plastic composition whereby the latter is squeegeed between the backing and the copy relief so as to mold the printing impressions carried by said copy relief in the plasticized composition retained upon the cylinder, stripping off the said copy relief from the finished surface, and removing the fin formed at the meeting ends of the copy relief.

2,060,829
ESTERS OF DIHYDRONAPHTHALENE-DICARBOXYLIC ACIDS AND METHOD FOR MAKING THE SAME
Norman D. Scott, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application September 13, 1934, Serial No. 743,843
13 Claims. (Cl. 260—99.40)

3. Process for the preparation of esters of dihydronaphthalenedicarboxylic acids containing a hydrogen atom and a carboxyl group on each of two carbon atoms, which comprises heating said acid with a monohydric alcohol in the presence of an esterification catalyst.

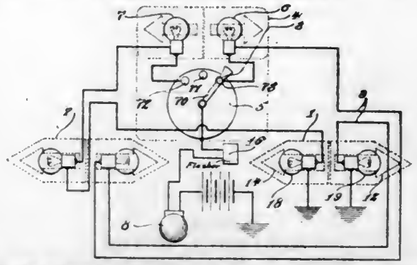
4. An ester of a monohydric alcohol with a dihydronaphthalenedicarboxylic acid, said acid having a hydrogen atom and a carboxyl group on each of two carbon atoms.

2,060,830
SLIDE OPERATIVE FASTENER STRUCTURE
David Silberman, New York, N. Y., assignor to Waldes Koh-I-Norr, Inc., Long Island City, N. Y., a corporation of New York
Application March 12, 1935, Serial No. 10,607
8 Claims. (Cl. 24—205)



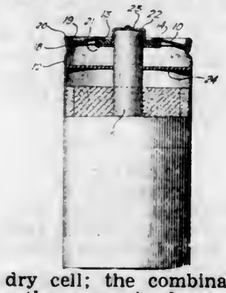
1. A fastener structure of the slide operated type comprising a pair of stringers, each of said stringers being composed of a strip of thin fine goods folded along its length so that the edge portions thereof form flaps which overlap the central portion of the strip, said central portion and at least one of said flaps being folded along their lengths to form a folded edge, a strengthening element extending longitudinally of said stringer and positioned intermediate the folded parts of said central portion and adjacent to said folded edge, and a row of interlocking elements having attaching portions for securing them to the folded edge of said stringer, the attaching portions thereof being in the form of jaws clinched around said folded edge and said strengthening element.

2,060,831
SIGNALING DEVICE FOR MOTOR VEHICLES
Harold O. Smith, Indianapolis, Ind., assignor to Turnsignal Corporation, Philadelphia, Pa., a corporation of New Jersey
Application November 3, 1932, Serial No. 640,969
4 Claims. (Cl. 177—339)



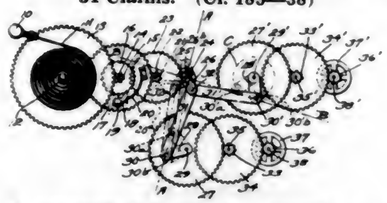
1. A signal system for motor vehicles comprising the combination of an electric sounding device, oppositely disposed direction indicators exposed to the observation of traffic approaching from the front and rear, separate electric illuminating means for lighting the indicators, a periodically operating interrupter and a switch for selectively illuminating the indicators at the will of the operator, the sounding device and the interrupter being in circuit with each said illuminating means so that the lights and the sounding device are operated and interrupted in conjunction with each other and simultaneously calling the attention of traffic officers and pedestrians to the fact that a change of direction is contemplated.

2,060,832
DRY CELL
Ralph R. Smith, Fremont, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
Application May 27, 1930, Serial No. 456,172
34 Claims. (Cl. 136—133)



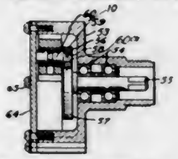
1. In a dry cell; the combination of means for venting the amount of gas normally generated therein without loss of a substantial amount of moisture; with means for venting abnormal amounts of gas to prevent the pressure thereof from injuring said cell.

2,060,833
SPEED GOVERNED MOTOR
Raymond D. Smith, Pleasantville, N. Y.
Application April 9, 1929, Serial No. 353,792
31 Claims. (Cl. 185—38)



5. In combination, a member powered to oscillate rotatively upon an axis, retarding means for effecting a periodicity of oscillations of said member, and impelling means for transmitting force and motion in both directions between said member and said retarding means, the said retarding means comprising a movable mass for producing inertia to oppose acceleration and deceleration of said mass by any force transmitted thereto through said impelling means, and the said retarding means including a train of freely rotatable intermeshed wheels constituting component parts of said mass.

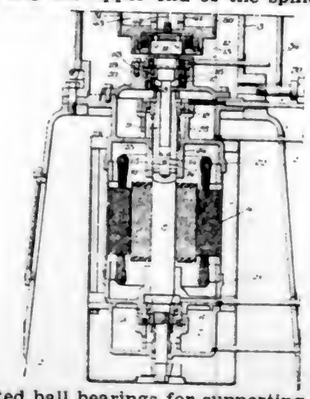
2,060,834
FREQUENCY METER
Wilbur E. Stitz, Dayton, Ohio
Application August 15, 1933, Serial No. 685,238
1 Claim. (Cl. 73—51)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



A vibration generating unit for vibrating a body comprising, a housing adapted to be rigidly clamped to the body to be tested, a counterbalanced driven member rotatably mounted in said housing, a vibration producing device operatively connected to said driven member and movable in a plane normal to the axis of rotation of said driven member, said device comprising a member having a transversely extending slotted opening and mounted for oscillation in said housing and an eccentrically disposed stud carried by said driven member engaging in said slotted opening, clamping means carried by said housing for rigidly clamping said unit on the body to be tested in predetermined position so that the plane of movement of the center of mass of said oscillated member is coincident with the plane of vibration of said vibrating body.

2,060,835
CENTRIFUGE
Charles W. Stratford, Kansas City, Mo., and Alfred E. Drissner, Cleveland, Ohio, assignors to National Acme Company, Cleveland, Ohio, a corporation of Ohio
Application October 26, 1932, Serial No. 639,704
22 Claims. (Cl. 233—23)

1. In a centrifugal separator, the combination of a motor, a shaft extending upwardly therefrom, a spindle flexibly connected with the upper end of said shaft, a rotating bowl supported by said spindle and in axial alignment with the motor shaft, spring supported ball bearings for supporting the upper end of the spindle, spring



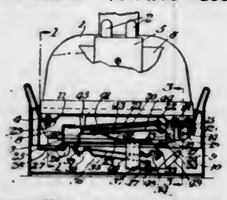
supported ball bearings for supporting the lower end of the motor shaft, and cushioning springs for the bowl, the spindle and motor shaft having therebetween a supporting spring.

2,060,836
THERMAL CUT-OUT SWITCH
Frank Taxner, Turtle Creek, Pa.
Application April 28, 1933, Serial No. 668,355
29 Claims. (Cl. 200—138)



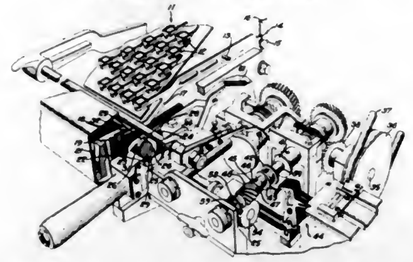
1. In a thermal cut-out switch, the combination of a base, a leaf spring having one end fastened to the base, means actuated by temperature changes arranged to flex said spring, a second leaf spring having one end supported by the free end of the first leaf spring and its other end supported by the base and arranged to be flexed by the flexing of the first leaf spring, and a contact member carried by the second leaf spring and arranged to be held in circuit closing position when said second leaf spring is unflexed and to be retracted when the second leaf spring is flexed.

2,060,837
SWITCH FOR ELECTRIC CIRCUITS
Frank Taxner, Turtle Creek, Pa.
Application December 19, 1933, Serial No. 703,059
22 Claims. (Cl. 200—138)



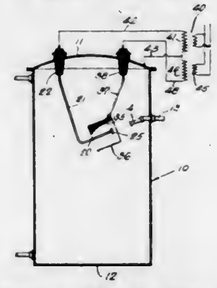
1. In a thermally operated switch to be interposed in an electrical circuit to control the temperature of an element, the combination of electrical contact means arranged to complete the circuit of said element, thermally actuated means arranged when actuated to operate said contact means and means to vary the proximity of the thermally actuated means with respect to the element to regulate the temperature at which said element will be controlled.

2,060,838
CONTROL UNIT FOR LINE CASTING AND COMPOSING MACHINES
Rolf A. Thienemann, Chicago, Ill., assignor to Teletype Corporation, Chicago, Ill., a corporation of Delaware
Application September 15, 1932, Serial No. 633,248
11 Claims. (Cl. 199—18)



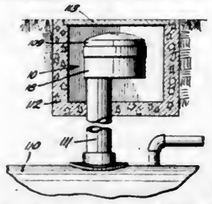
1. In a line composing machine, an automatic selector including a plurality of function bars, a plurality of selectable bars each associated with one of said function bars, a set of selector bars adapted by permutable arrangement to condition said selectable bars individually so as to permit their presentment into actuating position, a rotatable cam shaft having an abrupt receding cam surface longitudinally thereof and disposed to engage said selectable bars for normally withholding them, and cooperating portions of said selectable bars provided with notches so as to permit the instantaneous selective movement of said bars by the passing of said cam surface thereinto.

2,060,839
ELECTRIC TREATING SYSTEM FOR EMULSIONS
Logan C. Waterman, Long Beach, Calif., assignor to Petroleum Rectifying Company of California, Los Angeles, Calif., a corporation of California
Application November 27, 1934, Serial No. 754,997
5 Claims. (Cl. 204—24)



1. In an electric treater for emulsions, the combination of: a rod electrode providing an end electrode surface disposed transversely with respect to the axis of said rod electrode and being of a shape concaved forwardly; a nozzle spaced forward along said axis from said electrode surface and directing a stream of emulsion along said axis into impinging relation with said electrode surface, whereby said stream spreads outward from said axis upon impingement with said surface and is thus prevented from flowing smoothly along the rear portion of said rod electrode; and means for electrically treating said emulsion to coalesce the dispersed particles thereof.

2,060,840
CONDUIT CAP
Ralph G. Whitlock, Los Angeles, and Lewis Sharp, Huntington Park, Calif., assignors to Federal Foundation Inc., Las Vegas, Nev., a corporation of Nevada
Application April 30, 1934, Serial No. 723,156
15 Claims. (Cl. 221—67)



1. In a meter cap for a storage tank fill pipe, the combination of: a housing mounted on the upper end of said pipe; a closure member movable on said housing to normally close the mouth of said pipe; a stud slidable vertically in said closure member in vertical alignment with the mouth of said pipe, a portion of said stud being normally received by said pipe, said stud being formed to provide a relatively small opening vertically therethrough to permit insertion of a gauge stick into said tank to measure the contents thereof, said stud preventing accidental displacement of said closure member during a gauging operation, access being had to the mouth of said pipe by raising said stud and moving said closure member out of closing relation with the mouth of said pipe.

2,060,841
FLARE
Samuel Wiley, Metuchen, N. J.
Application March 10, 1934, Serial No. 714,938
6 Claims. (Cl. 102—20)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



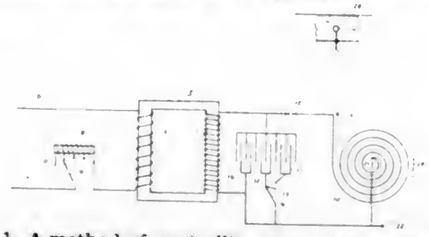
1. A container having an annular chamber at one end, a powder charge in the chamber, a disk forming a closure for the container and having a channeled marginal portion fitted in the annular chamber of the container and above the powder charge, a fuse disposed in the channeled portion of the disk, said fuse having a closed end and an open end leading to the powder charge, a plate centrally attached to the disk and rotatable relative thereto, an igniter carried by the plate, a powder pellet carried on the margin of the plate, a quick-match leading from the igniter to the powder pellet, means for indicating the position of the powder pellet relative to the open end of the fuse, an article within the container and means for connecting said article to the disk.

2,060,842

METHOD AND MEANS FOR CONTROLLING IONIC CONTENT OF AIR

Constantin P. Yaglou, Boston, Mass., assignor, by mesne assignments, to Herman Seid, New York, N. Y.

Application January 21, 1932, Serial No. 587,960
11 Claims. (Cl. 204—32)



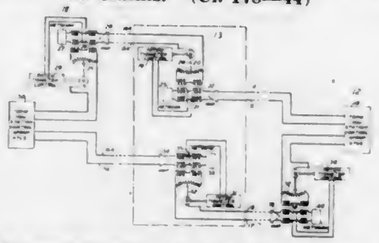
1. A method of controlling atmospheric conditions within an enclosure suitable for human occupancy consisting in producing a concentrated electrical field in the vicinity of a pointed electrode without producing ozone in objectionable quantities and controlling the frequency of said field to produce a preponderance of positive ions in the atmosphere of the enclosure.

2,060,843

TRANSMISSION SYSTEM

Leonard G. Abraham, Madison, and Arthur F. Grenell, Montclair, N. J.; said Abraham assignor to American Telephone and Telegraph Company, a corporation of New York, and said Grenell assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application May 16, 1935, Serial No. 21,802
23 Claims. (Cl. 178—44)



1. In combination, a signal transmission line having two separated stations with transmitting and receiving paths between stations, a loss adjusting device at each of said stations, means manually initiated at the first station for transmitting a control current over the transmitting path to the second station, means at the second station automatically operated by the control current from the first station for adjusting the loss adjusting device at that station and for transmitting a control current over the opposite path to the first station, and means at the first station automatically operated by the control current received from the second station for adjusting the device at the first station.

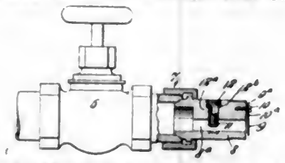
2,060,844

HEATING SYSTEM

Thomas Napier Adlam, West Orange, N. J.

Application June 22, 1935, Serial No. 27,965
5 Claims. (Cl. 237—67)

1. In a heating system, the combination of a heating unit, an inlet pipe connection having a passage for supplying the heating medium, a flexible graduator valve controlling the passage of the heating medium through said connection



in response to the dynamic pressure of the medium passing through said passage, and means for adjusting the effective amount of said passage.

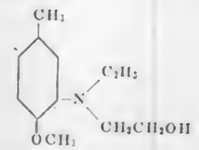
2,060,845

N-ETHYL, N-ETHYLOL CRESIDINE AND PROCESS OF PRODUCING SAME

Alfred William Baldwin, Blackley, Reginald William Everatt, Heysham, and Arthur Howard Knight, Blackley, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application May 14, 1934, Serial No. 725,650. In Great Britain May 17, 1933
5 Claims. (Cl. 260—128)

1. The compound



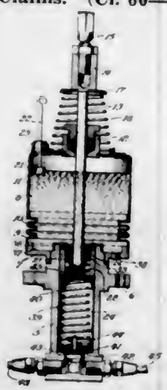
3. The method of making a dyestuff intermediate which comprises reacting cresidine with ethyl chloride, treating the product with sodium nitrite, reducing the nitrosamine to ethylamino cresidine, and reacting the N-ethylcresidine with ethylene chlorhydrin.

2,060,846

COMPENSATING MASTER CYLINDER

Herbert C. Bowen, Detroit, Mich., assignor to Hydraulic Brake Company, Detroit, Mich., a corporation of California

Application January 25, 1932, Serial No. 588,594
2 Claims. (Cl. 60—54.6)



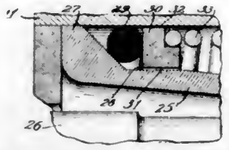
1. In a hydraulic pressure system of the class described, the combination of a cylinder, a piston therein, said piston comprising relatively movable parts, a spring interposed between said parts, means to advance said piston, a spring in said cylinder for retracting said piston, said last-named spring being stronger than said first-named spring, and a fluid reservoir in communication with the rear of said piston, said movable parts in separated position being conformed to provide a passageway therethrough, which passageway disappears when said parts are moved to closed position whereby movement between said parts controls communication between said cylinder and said reservoir.

2,060,847

SEALING MEANS

Herbert C. Bowen, Detroit, Mich., assignor to Hydraulic Brake Company, Detroit, Mich., a corporation of California

Application April 21, 1934, Serial No. 721,695
14 Claims. (Cl. 309—37)



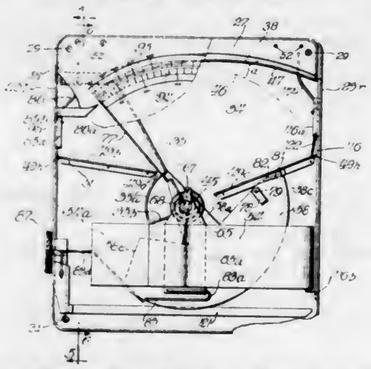
1. In fluid pressure mechanism of the class described including a cylinder having a wall, the combination of a piston reciprocable therein, said piston having a flange, a rubber ring adapted to engage a surface of said flange and said cylinder wall, said ring having a normally circular cross-section, a circumferentially-continuous, floating washer having a surface adapted to engage said ring, one of said surfaces being inclined to the axis of said cylinder, and a spring urging said washer toward said flange.

2,060,848

AIR VELOCITY METER

John R. Boyle, Chicago, Ill., assignor to Illinois Testing Laboratories, Inc., Chicago, Ill., a corporation of Illinois

Application December 23, 1933, Serial No. 703,753
26 Claims. (Cl. 73—202)



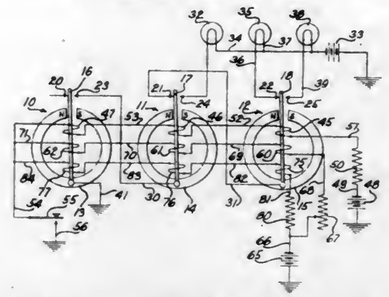
1. In an air velocity meter of the class described, the combination of a casing, an air channel defined in said casing for directing an air flow therethrough, a moving system comprising a vane, indicating means and a balancing segment, said vane extending into said air channel in position to be deflected through a limited range of oscillatory movement by the velocity of the air flow through said channel, said indicating means indicating the range of deflection of said vane, said balancing segment depending below said vane and lying substantially at right angles thereto and balancing said vane and indicating means, and a permanent magnet comprising pole extremities defining an air gap, said balancing segment moving through said air gap.

2,060,849

ELECTRICAL MEASURING DEVICE

William J. Bullard, West Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application November 24, 1933, Serial No. 699,482
8 Claims. (Cl. 175—183)



1. In an electrical measuring device, a plurality of indicating elements, an electrical circuit including an object the resistance of which is to be measured, a second circuit including a known resistance, each circuit being supplied with an equal electromotive force, a relay actuated by the current flow through one of said circuits for actuating one of said indicating elements if the resistive force of the object and the known resistance are equal, and means actuated by a difference in the electrical current through the circuits caused by a variation in resistive force of the object and the known resistance for selectively actuating others of said indicating elements.

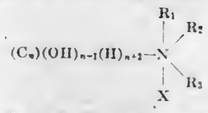
2,060,850

QUATERNARY AMMONIUM COMPOUNDS AND PROCESS FOR THE PRODUCTION THEREOF

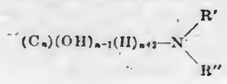
William Stansfield Calcott, Penns Grove, N. J., and Richard Gesse Clarkson, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application November 8, 1932, Serial No. 641,806
12 Claims. (Cl. 260—127)

1. In a process of producing chemical compounds having the following formula

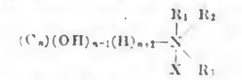


wherein n is 5 or 6, R_1 represents an aliphatic radical of at least 8 carbon atoms, R_2 and R_3 represent the same or different lower aliphatic radicals, and X represents the negative radical of an acid, the step which comprises combining a tertiary amine having the formula



in which R_1 and R_2 have the foregoing signification, with an aliphatic inorganic ester.

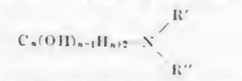
3. Chemical compounds having the formula



in which n is 5 or 6, R_1 is an aliphatic radical having eight or more carbon atoms, R_2 and R_3 represent the same or different lower aliphatic radicals, and X represents the negative radical of an acid.

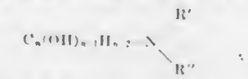
2,060,851
CHEMICAL COMPOUNDS
William Stansfield Calcott, Woodstown, N. J., and Richard Gesse Clarkson, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application September 13, 1935, Serial No. 40,414
13 Claims. (Cl. 260—127)

1. Compounds of the group consisting of compounds having the following formula:

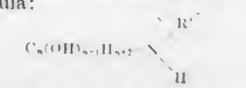


and the acid addition products thereof, in which n is 5 or 6, R' is an aliphatic radical having an open chain of at least eight carbon atoms, and R'' is a hydroxylated lower aliphatic radical.

10. In a process of producing chemical compounds having the following formula:

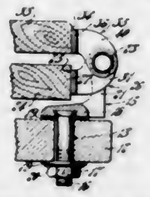


in which n is 5 or 6, R' is an aliphatic radical having an open chain of at least eight carbon atoms, and R'' is a hydroxylated lower aliphatic radical, the step which comprises reacting an amine having the formula:



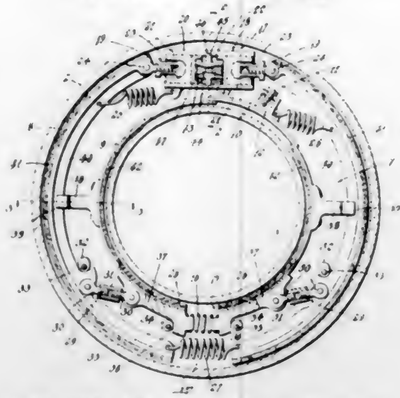
wherein n and R' have the significance set forth above with an aliphatic halohydrin.

2,060,852
HINGE FOR TOILET SEATS AND COVERS
Vernon W. Campbell, Nashua, N. H., assignor to C. F. Church Mfg. Co., Willimansett, Mass., a corporation of Massachusetts
Application June 10, 1935, Serial No. 25,852
5 Claims. (Cl. 4—236)



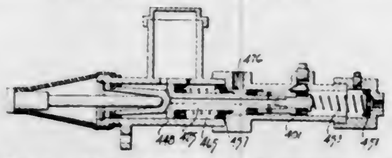
3. In combination, a toilet bowl having a pair of vertical apertures positioned near the rear thereof, a toilet seat having its rear edge positioned in approximately the same vertical plane as said apertures, hinge posts having members positioned in said apertures for securing said posts in place and each post having an upwardly and rearwardly extending arm, hinge means secured to said rear edge of the seat and having rearwardly extending portions, and pivotal connections between the ends of said upwardly and rearwardly extending arms and said rearwardly extending portions.

2,060,853
AUTOMOBILE BRAKE
Eugene G. Carroll, Los Angeles, Calif., assignor, by mesne assignments, to Bendix Brake Company, South Bend, Ind., a corporation of Illinois
Application April 14, 1928, Serial No. 269,941
Renewed July 29, 1932
20 Claims. (Cl. 188—152)



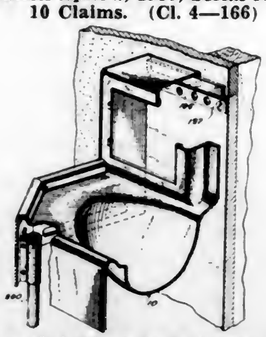
1. In a brake for automobiles and the like, the combination of a brake drum having a pair of annular brake faces of different diameters with a space therebetween, an outer brake band in the annular space to cooperate with the braking face of larger diameter, a second brake band to cooperate with the braking face of smaller diameter, means for applying a force to one of the brake bands to apply the same to its braking face, strut links connecting the bands for imparting the braking movement to the other band, and means for holding both of said brake bands normally out of contact with their corresponding brake faces.

2,060,854
BRAKE
Eugene G. Carroll, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application May 18, 1932, Serial No. 612,138
17 Claims. (Cl. 60—54.6)



1. For a master cylinder for a hydraulic braking system for dual sets of brakes, a cylindrical casting adapted to be secured to said master cylinder, means for securing said casting to the front end of said master cylinder, a piston extending into said casting, means for connecting the interior of said casting to one set of brakes, separate means for connecting the interior of said casting to the other set of brakes, a reservoir, means for connecting said reservoir to the center of said casting, and a plurality of separate means for preventing passage of fluid past said means from said connecting means respectively toward the center of said casting while allowing substantially free passage in the opposite direction past said means, fluid being allowed to flow freely in both directions between said center and one of said connecting means when the piston is in its normal released position.

2,060,855
WASHBASIN
Harlow N. Davock, Birmingham, Mich.
Application April 2, 1935, Serial No. 14,365
10 Claims. (Cl. 4—166)

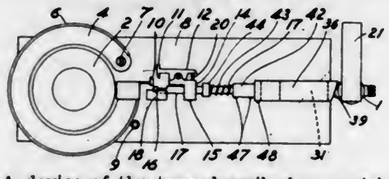


1. In a wash basin, a body formed from metal pressed to define meeting horizontal and upright portions and spaced compartment forming sections at the juncture of the horizontal and upright portions, the compartment forming sections having front sides formed with openings affording access to the compartments and assisting in avoiding wrinkles in the metal of the basin due to pressing the basin into shape, and separate closures for said openings.

2,060,856
INSULATED ELECTRICAL CONDUCTOR
John M. De Bell, Newark, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 20, 1935, Serial No. 17,471
8 Claims. (Cl. 175—356)

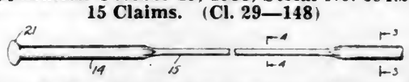
1. In combination an electrical conductor and an insulating material therefor comprising a pine wood pitch obtained by the extraction of pine wood and comprising oxidized resin acids, oxidized terpenes, polyphenols and polymerized terpenes.

2,060,857
THERMOSTATIC VALVE
John De Nicola, Paterson, N. J.
Application June 1, 1936, Serial No. 82,684
7 Claims. (Cl. 137—139)



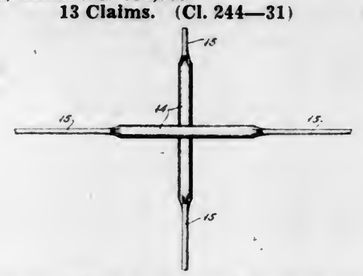
1. A device of the type described comprising a thermostatic element, a keeper attached to said element, a latching mechanism adapted to engage with said keeper and including a valve rod and hot catch formed in the end of said valve rod, and a cold catch pivotally mounted on said valve rod, a shut-off valve connected to said latching mechanism, and a supply valve in combination with means for setting the latching mechanism and keeper into operating engagement.

2,060,858
METHOD OF MAKING TIE RODS AND BLANK THEREFOR
Louis W. G. Flynt, East Orange, N. J., assignor to Breeze Corporations, Inc., Newark, N. J.
Application October 19, 1933, Serial No. 694,276
15 Claims. (Cl. 29—148)



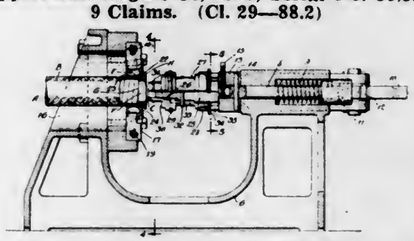
1. The herein described method of making a tie rod, which consists of forming a body of metal of circular contour having streamline ribs at opposite sides and reducing the ends to circular shape and the intermediate portion to streamline shape, leaving the rod of approximately uniform cross-sectional area from end to end and polishing and plating the body to reduce corrosion and wear.

2,060,859
AEROFOIL WIRE
Louis W. G. Flynt, East Orange, N. J., assignor to Breeze Corporations, Inc., Newark, N. J.
Original application October 19, 1933, Serial No. 694,276. Divided and this application July 12, 1934, Serial No. 734,809
13 Claims. (Cl. 244—31)



1. An aircraft tie rod formed of a body of metal of uniform cross-sectional area its entire length and having a cross-section of varying shape.

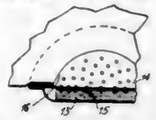
2,060,860
FERRULE APPLYING TOOL
Louis W. G. Flynt, East Orange, N. J., assignor to Breeze Corporations, Inc., Newark, N. J.
Application August 30, 1935, Serial No. 38,514
9 Claims. (Cl. 29—88.2)



1. In a device for crimping ferrules on the ends of flexible conduits, a holding die to grip a conduit, said die having a tapered face to

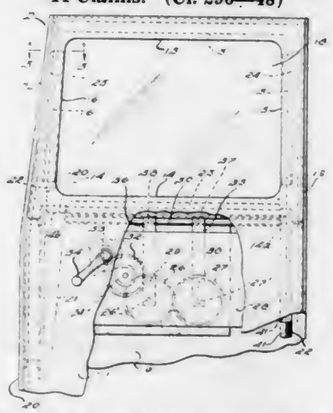
crimp a ferrule, a split die to force a ferrule into the holding die to crimp one wall of the ferrule and means to cause the split die to crimp another wall of the ferrule.

2,060,861
GETTER ASSEMBLY
Joseph Glans, Bloomfield, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application September 29, 1934, Serial No. 746,165
4 Claims. (Cl. 250—27.5)



2. A getter assembly comprising a sheet metal tab having a cup-shaped depression provided with an outwardly extending shoulder, a getter pellet in said cup-shaped depression, a rigid metal disc having a plurality of punched holes positioned over and in contact with said getter pellet with the punched portions of the rigid metal disc extending into the surface of said getter pellet, the sheet metal tab being drawn and folded in over the edges of said metal disc against said shoulder to grip the edge of said rigid metal disc and to draw said rigid metal disc down against said getter pellet whereby said getter pellet is clamped to the bottom of said cup-shaped depression.

2,060,862
CUTAWAY DOOR-WINDOW CONSTRUCTION
Otto F. Graebner, Detroit, Mich., assignor to The Murray Corporation of America, a corporation of Delaware
Application December 8, 1930, Serial No. 500,700
11 Claims. (Cl. 296—48)



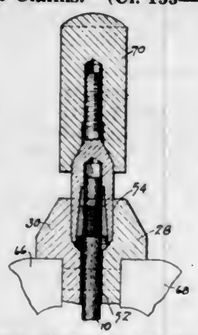
10. In combination, a part provided with a window opening having a side edge portion inclined to the vertical, a window for said opening mounted in said part for vertical movement, whereby said opening can be selectively exposed or closed by said window, said window having its side edge portion adjacent said inclined open edge portion correspondingly inclined, and window runway for guiding said window against displacement out of its plane associated with said part for securing the inclined side edge portion of said window and for guiding and supporting said window edge portion during vertical movement of said window, said runway having a pair of side walls, the side walls of that portion or section of said runway for receiving said inclined window edge portion, when said window is in closing position relative to said opening, being of uniform depth and the side walls of that portion or section of said runway for receiving said inclined window edge portion when said window is in exposing position relative to said opening, being of varying depth.

2,060,863
METHOD OF FORMING KNOCK-OUT PLUGS
Heinrich E. Haase, Chicago, Ill., assignor to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
Application June 23, 1934, Serial No. 732,039
9 Claims. (Cl. 164—125)



1. The method of forming readily openable sealed openings in a flat fibrous body which comprises shearing plugs from the fibrous body in such a manner as to completely sever all of the fibers without removing the plugs from the openings and thereafter securing said plugs in said openings in tight wedging relation with the openings and with the opposite faces of the plugs lying in the planes of the inner and outer faces of the fibrous body.

2,060,864
CABLE FITTING FOR FIELD USE AND METHOD AND MEANS FOR MAKING SAME
Edwin C. Hedler, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application September 26, 1933, Serial No. 691,091
10 Claims. (Cl. 153—1)

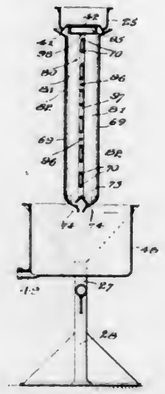


1. The process of securing a fitting to an end of a tension element which comprises placing a tapered sleeve on the tension element, inserting the tension element and sleeve in a tapered bore in the fitting and driving the sleeve into the bore to deform the metal of the sleeve into grooves in the tension element and to deform the end of the fitting to lock the sleeve within the tapered bore.

5. For use in securing a cable to an end fitting by means of a sleeve, a two part die through which the cable may pass and having openings for receiving the sleeve and fitting, means for holding the parts of the die together, and a drift having a bore conforming to the exterior of the fitting for driving the fitting over the sleeve.

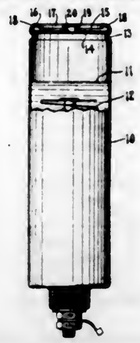
6. An article of the class described comprising a stranded wire cable, an end fitting therefor having means on its outer end for securing it to another member and having a tapered bore at its inner end, a split internally threaded tapered sleeve of case hardened metal surrounding the cable and driven into the tapered bore to deform the cable by the threads of the sleeve to lock the cable to the sleeve, and means including an inturned end of the inner portion of the fitting to engage the sleeve and lock the sleeve to the fitting.

2,060,865
IRRADIATING APPARATUS
Roy O. Henszey, Oconomowoc, Wis., assignor to Carnation Company, Milwaukee, Wis., a corporation of Delaware
Application February 10, 1934, Serial No. 710,716
5 Claims. (Cl. 99—248)



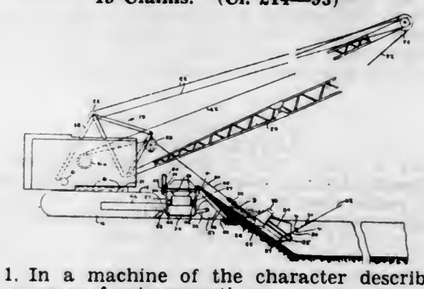
1. A liquid irradiating device comprising in combination spaced vertical supporting means, congruent doors extending between said supporting means mounted on one of said means and detachably secured to another of said means, said doors defining an enclosed irradiating space and being provided with inner reflecting planar surfaces adapted to receive a film of liquid to be irradiated, a substantially planar source of irradiation substantially midway between said doors having an irradiating area substantially co-extensive with the area of said doors and positioned to direct a uniform irradiation over the greater part of the inner surfaces of said doors, outwardly extending flanges mounted on the tops of said doors providing a surface for receiving said liquid and for evenly distributing the same prior to its passage into said irradiating space, means for collecting the irradiated liquid at the bottom of said doors and means for withdrawing gases and vapors resulting from the irradiation of said liquid at the top of said doors.

2,060,866
CONTAINER VENT
Paul Hetenyi, New York, N. Y., assignor to Solar Manufacturing Corporation, a corporation of New York
Application July 19, 1932, Serial No. 623,317
2 Claims. (Cl. 175—315)



2. In an electrolytic condenser construction, a container, a lid for said container, having a centrally located inverted cup-like recess with perforations in its upper surface, a flat, elastic diaphragm, punched out of sheet rubber of uniform thickness and freely extensible beneath said lid, except where clamped with its peripheral edge between the container and the lid, said diaphragm having perforations aligned with and accessible from the perforations in the recess of the lid, said perforations being self-closing except when said diaphragm is flexed by gas pressure into said cup-like recess.

2,060,867
COMBINATION EXCAVATOR, LOADER, AND CONVEYER
Walter M. Hollerbach, St. Paul, Minn., assignor to American Hoist and Derrick Company, St. Paul, Minn., a corporation of Delaware
Application October 13, 1934, Serial No. 748,233
19 Claims. (Cl. 214—93)

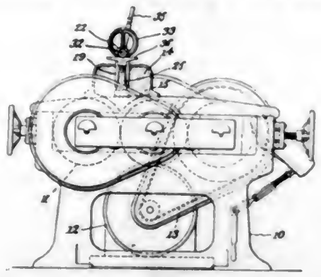


1. In a machine of the character described, a conveyer for transporting material, an excavating entity, a support upon said excavating entity, means mounting said conveyer on said support for sidewise swinging movement of the conveyer on a longitudinal axis, and vertically adjustable means for levelling said conveyer.

2,060,868
SIDE SHIELD RAISING DEVICE FOR ROLLER MILL HOPPERS
Paul Hollstein, Carlstadt, N. J., assignor to J. M. Lehmann Company, Inc., New York, N. Y., a corporation of New York
Application February 19, 1935, Serial No. 7,174
1 Claim. (Cl. 83—12)

In a roller mill including a frame and a pair of feed rollers rotatable in the frame, a pair of hop-

per members disposed one adjacent each end of the rollers and adapted to fit into the bite of the rollers, an upstanding post carried by the frame at each end of the rollers in alinement with the bite thereof, a hollow shaft extending across the upper ends of the posts and fixed to said members, a shaft extending through said hollow shaft, an operating handle secured to one end of said



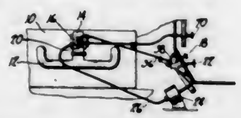
latter shaft, a cam engaging member carried by each post, and a pair of circular cams secured to said latter shaft, said latter shaft being secured to the cams adjacent the periphery thereof whereby rotation of said cams will move the hopper members slowly when in proximity to the rollers, and will move the hopper members at a relatively rapid rate when away from the rollers.

2,060,869
DEMONSTRATION DEVICE
Joseph A. Hopkins, Rockford, Ill.
Application June 1, 1936, Serial No. 82,686
4 Claims. (Cl. 35—49)



1. The combination in a demonstration device of an artificial denture, and means attached thereto for holding a toothbrush in a predetermined angular relationship therewith and for guiding said brush through reciprocating movements to demonstrate a brushing technique.

2,060,870
CLUTCH CONTROL
Scott F. Hunt, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application September 22, 1932, Serial No. 634,402
8 Claims. (Cl. 192—.01)



1. In a carburetor, the combination of a casing having a channel for combustible mixtures, a throttle valve therein, a two way valve adapted to be connected to a vacuum motor secured to said casing and having one of said ways leading into said channel, a shaft for said throttle valve leading outside said casing, a stop for limiting the closed movement of said throttle valve and shaft, means rotatably mounted on said shaft having a lost motion connection with said throttle valve in one direction of rotation, and a lost motion connection with said two way valve in the other direction of rotation, and controllable means for arresting movement of said means when rotating in the other direction to prevent actuation of said two way valve.

2,060,871
MANUFACTURE OF HYDROCARBONS
Vladimir Ipatieff, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application June 22, 1933, Serial No. 677,079
8 Claims. (Cl. 196—10)

1. A process for converting normally gaseous olefins into hydrocarbon liquids which comprises polymerizing the olefins in the presence of a catalytic acid of phosphorus and a metallic salt which promotes the catalytic activity of the acid and selected from the group consisting of the phosphates, chlorides, and sulphates of aluminum, zinc, cadmium, mercury, iron, nickel, cobalt, copper, and magnesium.

2,060,872
GOLF CLUB
Arthur A. Kraeuter, South Orange, N. J., assignor to The Kroydon Company, a corporation of New Jersey
Application February 4, 1932, Serial No. 590,796
12 Claims. (Cl. 273—80)

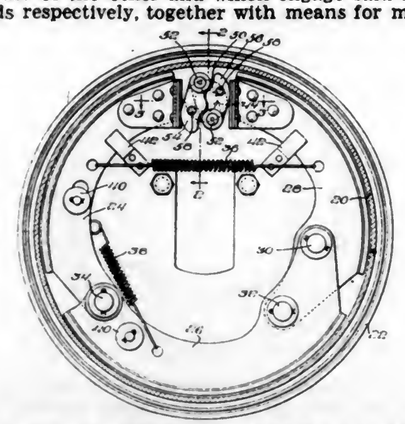


1. In a golf club, the combination with a head having an iron hosel, of an iron shaft entering within and secured to said hosel, and a film of soft solder contacting and securing iron to iron in a joint between said hosel and shaft and filling in spaces of non-contact of the joined surfaces, said solder being fused in said joint and allowed to solidify.

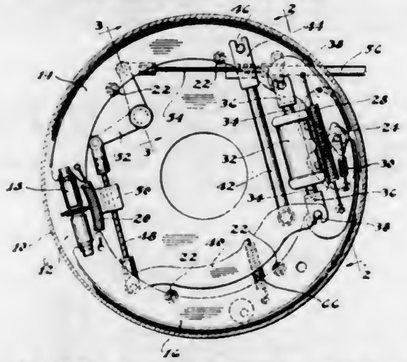
2,060,873
BRAKE-APPLYING MEANS
Ludger E. La Brie, South Bend, Ind., assignor to Bendix Brake Company, South Bend, Ind., a corporation of Illinois
Application May 9, 1928, Serial No. 276,217
18 Claims. (Cl. 188—78)

1. A brake comprising, in combination with friction means having separable ends, an applying device including two thrust members pivoted at their ends and having interengaging portions to balance the thrust of one against the

thrust of the other and which engage said first ends respectively, together with means for moving the thrust members bodily as a unit to force said ends apart.



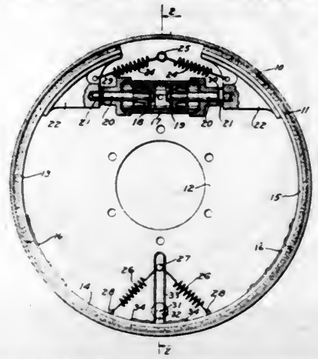
2,060,874
BRAKE
Ludger E. La Brie, South Bend, Ind., assignor to Bendix Brake Company, South Bend, Ind., a corporation of Illinois
Application November 15, 1930, Serial No. 495,809
19 Claims. (Cl. 188—106)



1. A brake of the shiftable anchorage type comprising friction means provided with ends, fluid power means for spreading said ends apart, and a single mechanically operated lever formed with lugs contacting directly with the ends of said friction means for alternatively spreading said ends apart.

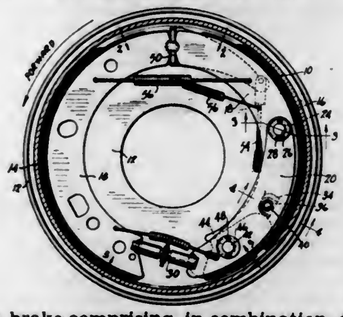
2,060,875
BRAKE
Ludger E. La Brie, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Original application February 27, 1925, Serial No. 11,936. Patent No. 1,913,932, dated June 13, 1933. Divided and this application July 15, 1932, Serial No. 622,785
14 Claims. (Cl. 188—78)

1. In a brake, a drum carried by a rotatable element to be braked, a plurality of connected flat and partially flexible segments carried by a non-rotatable mounting and shiftable bodily relative thereto into engagement with the drum, means tending to hold the segments contracted and out of engagement with the drum in their normal positions, means for moving either one of the end segments into engagement with the drum to cause all of the segments to move circumferentially of the drum and into engagement with



the same in the direction in which the drum is rotating, means for anchoring the outer of the end segments against movement circumferentially of the drum, and means tending to return all of the segments in either direction circumferentially of the drum, to their normal positions.

2,060,876
BRAKE
Ludger, E. La Brie, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application March 18, 1933, Serial No. 661,614
21 Claims. (Cl. 188—78)

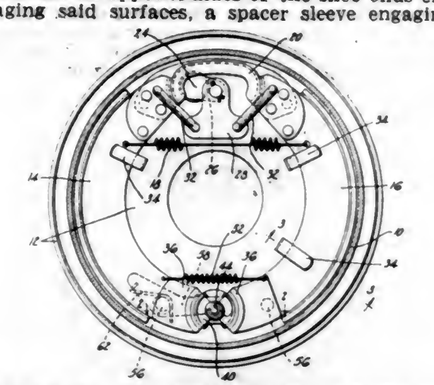


1. A brake comprising, in combination, a drum, a pair of shoes engageable with the drum, a web on said shoes extending radially inward, a connecting means between said shoes including a pivoted link beside the web of one shoe and having the same general shape as said web, said web and the link arranged beside it being provided one with an opening and the other with a thrust projection extending into said opening, and applying means acting on both shoes.

2,060,877
BRAKE
Ludger E. La Brie, South Bend, Ind., assignor to Bendix Brake Company, South Bend, Ind., a corporation of Illinois
Original application March 12, 1928, Serial No. 261,068. Divided and this application September 30, 1933, Serial No. 691,579.
10 Claims. (Cl. 188—79.5)

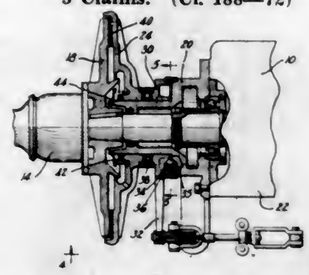
3. A brake comprising, in combination, a pair of shoes arranged end to end and having double

wedge surfaces at their ends, co-operating wedge members on opposite sides of the shoe ends engaging said surfaces, a spacer sleeve engaging



one wedge member, and a bolt having a part engaging the other wedge member and extending between the shoe ends and through the sleeve.

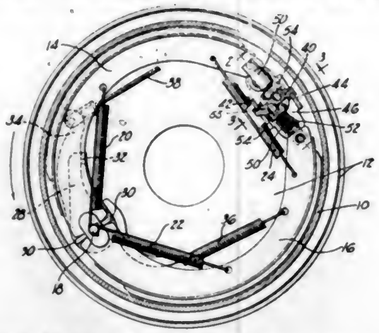
2,060,878
BRAKE
Ludger E. La Brie, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application March 8, 1934, Serial No. 714,672
5 Claims. (Cl. 188—72)



1. In a propeller shaft brake for motor vehicles having an engine, wheels, parallel frame members and a propeller shaft for transmitting power from the engine to the wheels, a sleeve on the propeller shaft, a collar on the sleeve, an arm fixed to the collar, a rotor disc fixed to the propeller shaft, a stator disc slidably mounted on the sleeve, friction facing material carried by the stator disc, conical indentations between the matching surfaces of the collar and sleeve, ball members in the conical indentations, ball bearings between the opposite end of the collar and the stator disc, a flexible cable fixed to the arm extending from the collar, a pulley for the flexible cable, a lever to actuate the flexible cable and anchorage means for the stator member comprising opposed rods extending from a common point on the outer periphery of the stator member to the opposed parallel frame members for anchoring the stator member from rotation.

2,060,879
BRAKE
Ludger E. La Brie, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application April 8, 1935, Serial No. 15,229
10 Claims. (Cl. 188—79.5)

1. A brake comprising a stationary part, friction members on opposite sides of said part each of which has an adjustment adjacent said part, and means associated with said part for simultaneously operating both adjustments, and means

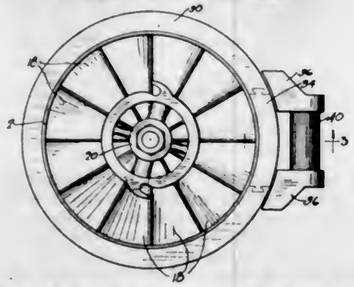


associated with said part and said adjustments whereby only part of the braking force of one shoe is transmitted to the other.

2,060,880
PROCESS OF PRODUCING ETHYLENE GLYCOL
Wilbur A. Lazier, Marshallton, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application September 23, 1933, Serial No. 690,771
10 Claims. (Cl. 260—156.5)

1. In the process of producing ethylene glycol, the step which comprises catalytically hydrogenating a di-alkyl ester of oxalic acid at a pressure in excess of 200 atmospheres.

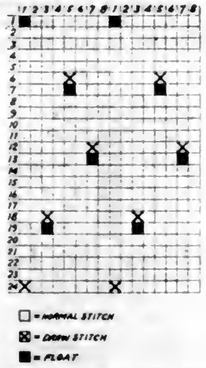
2,060,881
MAGNETO
Owen C. Linthwaite, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application June 10, 1935, Serial No. 25,804
3 Claims. (Cl. 171—209)



1. In a flywheel magneto a flywheel comprising a metallic hub member, a rim including an insulated member forming a permanent magnet, a bladed fan of bakelite material interconnecting the hub and rim, a circumferentially movable core member positioned adjacent the rim, primary and secondary windings on the core member, and manually operable means to move said core member circumferentially.

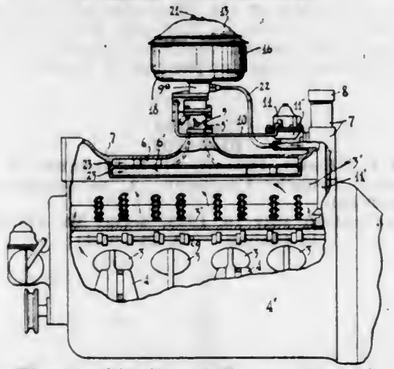
2,060,882
KNITTED FABRIC
Elmer C. Lochhead, Moberly, Mo., assignor of one-half to Charles R. Henderson, Moberly, Mo.
Application December 1, 1934, Serial No. 755,534
5 Claims. (Cl. 66—169)

1. A run-resistant knitted fabric having substantially the appearance of a plain knitted fabric, at least a portion of which comprises constructional repeats of substantial extent in the directions of both wales and courses, there being within one such repeat, in alternate wales only,



draw stitches and floats in the following courses extending across said draw stitches, no more than one draw stitch in any course, and between any pair of courses containing draw stitches a plurality of plain courses.

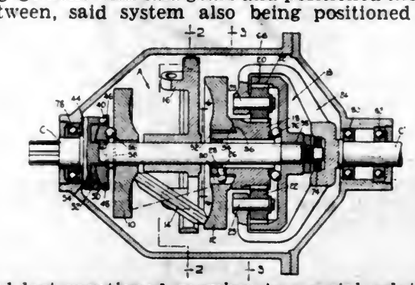
2,060,883
CRANKCASE VENTILATING SYSTEM
Wilfred W. Lowther, Minneapolis, Minn., assignor to Donaldson Company, Inc., St. Paul, Minn., a corporation of Minnesota
Application July 15, 1935, Serial No. 31,379
8 Claims. (Cl. 123—119)



1. The combination with an internal combustion engine having a sealed crank case, and an intake provided with a throttle valve therein, of a crank case ventilating system comprising conduits extending from the intake at opposite sides of the throttle valve and independently opening into the crank case at points above the oil level in the crank case.

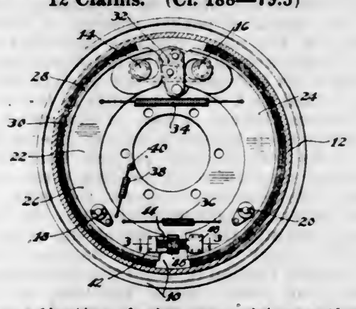
2,060,884
POWER TRANSMISSION MECHANISM
Alain Madlé, Bristol, Conn., assignor to Erban Operating Corporation, New York, N. Y., a corporation of New York
Application September 19, 1933, Serial No. 690,072
13 Claims. (Cl. 74—285)

1. In power transmission mechanism for transmitting power from a rotating driving member to a rotatable driven member, a variable speed race and roller system comprising a driving race and a driven race and rollers in adhesive driving relation thereto so as to transmit power between said races, said races being mounted on one of said members in axial alignment, and coaxially with said member, a differential system comprising an outer gear of relatively greater diameter and an inner sun gear of relatively lesser diameter and a set of planetary gears in operative engagement with said gears and positioned therebetween, said system also being positioned on



said last-mentioned member in coaxial relation thereto, the inner gear of said planetary system being operatively connected to one of said races, and the outer gear being in direct driven relation with said last-mentioned member, and said planetary gears being rotatably mounted on a carrier element in driving relation with the other of said members, whereby at high ratios of transmission the preponderance of power will pass through the outer gear of the transmission.

2,060,885
BRAKE
Montgomery W. McConkey, South Bend, Ind., assignor to Bendix Brake Company, South Bend, Ind., a corporation of Illinois
Original application February 11, 1929, Serial No. 339,000. Divided and this application March 7, 1931, Serial No. 520,800
12 Claims. (Cl. 188—79.5)

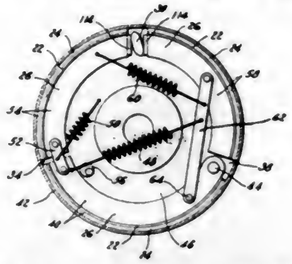


1. An adjusting device comprising a threaded member having a diametrical slot, a member positioned for movement in the slot, a rounded end on the movable member, a member positioned for travel on the threaded member having a recess receiving the rounded end of the movable member.

2,060,886
BRAKE
Montgomery W. McConkey, South Bend, Ind., assignor, by mesne assignments, to Bendix Brake Company, South Bend, Ind., a corporation of Illinois
Original application July 16, 1927, Serial No. 206,264. Patent No. 1,875,081, dated August 30, 1932. Divided and this application March 10, 1932, Serial No. 598,022
12 Claims. (Cl. 188—78)

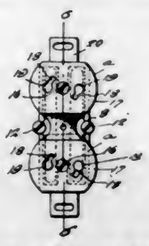
1. A brake comprising a shoe anchored at one

end, a second shoe arranged beyond the anchored end of the anchored shoe, and a link



connecting the center of the second shoe to the anchored shoe a short distance from its anchored end.

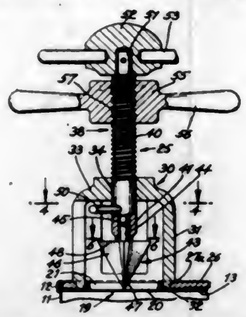
2,060,887
ELECTRICAL PLUG AND RECEPTACLE
John F. Navert, Alfred Max Steinmetz, and Alfred Ernest Steinmetz, Jr., Philadelphia, Pa.
Application April 9, 1934, Serial No. 719,766
1 Claim. (Cl. 173—330)



A duplex electrical outlet receptacle comprising an elongated block of insulation provided with an elongated pocket therein, a transverse member in the block dividing the block into a pair of compartments, said cross member protruding at its ends beyond the sides of the block and provided with screw openings in the protruding portions thereof, a pair of elongated spring contactors each provided with a lateral formation at its intermediate portion apertured for disposition over the corresponding screw opening of the cross member, a screw for each of the lateral formations disposed through the opening therein and into the opening of the cross member end, a cover for the block having a reduced intermediate portion to avoid the aforementioned screws, said cover being provided with plug prongs-receiving openings opposed to corresponding ends of the said spring contactors.

2,060,888
DEVICE FOR REMOVING SEALING CLOSURES
Isidor Newman, New York, N. Y.
Application April 4, 1935, Serial No. 14,606
8 Claims. (Cl. 65—47)

2. A device for pulling a cap off a can comprising a member adapted to be mounted on the can and over said cap, a rod having a pointed head having fins, adapted to pierce said cap slidably and rotatably mounted on said member and adapted to be slidably moved in one direction for forcing said head through said cap and rotated with respect to the opening formed in the cap as the head is forced therethrough, means to limit rotation of said rod to a position where the fins of said head will be disaligned with said opening in said cap and contact the underside of said cap, said means comprising a member on said rod, and stop means on said first member adapted to be contacted by the member on said rod, and means for slidably moving said rod in the opposite direction to pull the cap off the can.



4. A device for removing a cap from a can having flat side walls, a top wall and an upstanding rim on said top wall extending upwardly from said side walls, comprising a member mounted on the top wall of said can and having at the bottom edge thereof, a flat plate portion formed with edges at an angle to each other adapted to contact portions of said rim at one corner of said top wall, said first member also having a portion extending upwardly from and fixed with respect to said plate portion, and disposed over said cap, a second member rotatably and axially mounted on the upwardly extending portion of the first member, and having means for piercing said cap, and means for moving said second member relative to said first member for pulling the cap off the can.

2,060,889
BROACH
Axel L. Nilsson, Detroit, Mich., assignor to Colonial Broach Company, a corporation of Michigan
Application July 10, 1933, Serial No. 679,623
14 Claims. (Cl. 29—95.1)



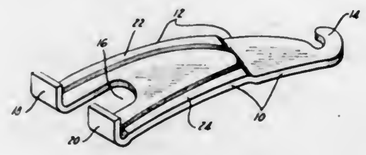
13. A broach for machining a helical groove of predetermined width having teeth of progressive height which alternately vary in width, one side of said teeth following a helical surface having the pitch of the groove to be machined.

2,060,890
TRAFFIC ACTUATED DEVICE
Alvin O. Olafson, St. Paul, Minn., assignor to National Traffic Signal Company, St. Paul, Minn., a corporation of Minnesota
Application October 13, 1933, Serial No. 693,475
4 Claims. (Cl. 60—62.6)



1. A traffic actuated pad including, a base member, a series of springs bowed between the side edges thereof and mounted under tension in said base member, a flexible covering for said base member adapted to be held bowed by said springs away from said base member to provide an air pocket therebetween, marginal gripping means adjacent the side edges of the spring for attaching said flexible covering to said base member and an air pocket through which air may be forced in the actuation of the pad.

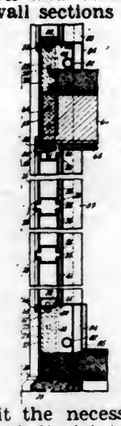
2,060,891
BRAKE
Humphrey F. Parker, New York, N. Y., and Bryan E. House, South Bend, Ind., assignors to Bendix Brake Company, South Bend, Ind., a corporation of Illinois
Original application May 21, 1930, Serial No. 454,250. Divided and this application October 14, 1933, Serial No. 693,561
3 Claims. (Cl. 74—519)



1. A brake-applying lever of substantial length curved along one side to clear a brake drum, said lever being approximately in the same plane, and which has one relatively narrow end provided with means for the attachment of an operating cable, and which has its other end relatively wide and formed centrally of said end with an opening to clear a brake anchor and provided at said end with thrust lugs projecting laterally from the lever at right angles to said plane respectively on opposite sides of said opening.

2,060,892
SECTIONAL BUILDING
Charles L. Pettit, New York, N. Y.
Application September 3, 1932, Serial No. 631,617
8 Claims. (Cl. 189—1)

1. A sectional building, comprising hollow columns, beams connecting the same in spaced relation, unitary wall sections completely filling the spaces between the columns and column spacing beams, means for securing said unitary wall sections to the columns with slip joints allowing for expansion and contraction and means for sealing the wall sections in position and arranged to permit the necessary expansion and contraction of said slip joints.



2,060,893
METHOD OF MAKING SHEET METAL HOUSINGS
Rudolph Polivka, Berwyn, and Rubert C. Wendell, Oak Park, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application February 17, 1933, Serial No. 657,184
4 Claims. (Cl. 113—120)

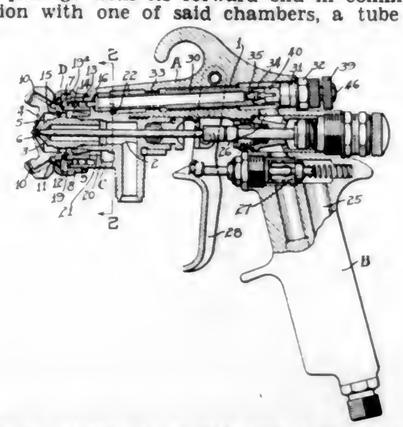


1. A method of making housings of sheet material, comprising the blanking of a portion from a sheet of material for a front wall, side walls and top of a housing, forming outwardly flared flanges at the bottom of the front and side wall portions, folding the side wall portions and the top portion with respect to the front wall portion and simultaneously forming outwardly flared corner flanges at the juncture of the flanges so that the combination of the corner flanges with the flanges of the front and side wall portions will form a continuous flange along the bottom edge of the housing.

2,060,894
SPRAY GUN
Russell L. Potter, Toledo, Ohio, assignor to The De Vilbiss Company, Toledo, Ohio, a corporation of Ohio
Application May 3, 1934, Serial No. 723,737
12 Claims. (Cl. 299—140.1)

8. In a spray-gun, a gun body, a spray-head carried by the body at its forward end, said head having main and supplemental air discharge ori-

fices and a separate air chamber for each, said body having a bore extending rearwardly therein from adjacent the spray-head and forming an air passage with its forward end in communication with one of said chambers, a tube ex-



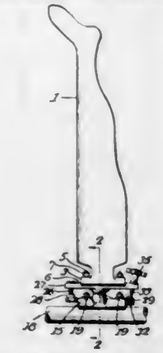
tending rearwardly in said bore from adjacent the spray-head and forming a second air passage with its forward end in communication with the other of said chambers, said bore and tube passages having communication rearwardly of the head with an air pressure supply source.

2,060,895

HOSIERY DRYING APPARATUS

Thomas W. Prosser and John H. Wahlbeck, Kankakee, Ill., assignors to Paramount Textile Machinery Co., Chicago, Ill., a corporation of Illinois

Application April 26, 1933, Serial No. 667,980
2 Claims. (Cl. 223—76)



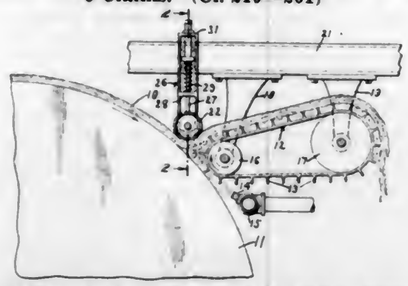
1. In a hosiery drying structure, a coupling device for facilitating the rapid attachment and detachment to and from a heat supplying conduit of a hosiery drying form having a base flange normally intended to be directly attached to a conduit, comprising a pair of elongated coupling parts, one of the parts being permanently fastened to the wall of the conduit and the other part adapted to be permanently secured to the flange and including a pair of open ended slots at each end thereof arranged to provide cooperative pairs at opposite ends of the parts, one of the cooperative pairs being angularly disposed to the other, the parts having apertured faces contactable to form a seal between the parts, a headed bolt fixedly mounted in the conduit part to have its stem project through one of the slots, a bolt pivoted on the conduit part and swingable to extend its stem through the other cooperative slot, and nut means threaded on the pivoted bolt for applying pressure to the slotted coupling part against the fulcrum provided by the head on the fixed bolt whereby the parts are drawn together to make a tight joint, said bolts being engaged with either of the cooperative pairs of slots to vary the angular position of the form relative to the conduit.

2,060,896

FILTER

William Raisch, New York, N. Y., assignor to Municipal Sanitary Service Corporation, New York, N. Y., a corporation of New York

Application March 26, 1936, Serial No. 70,926
6 Claims. (Cl. 210—201)



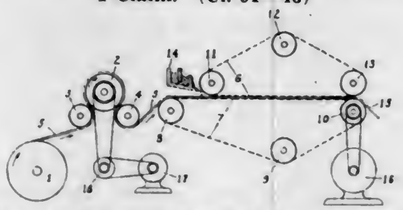
1. In apparatus comprising a rotary suction-filter drum, a conveyor belt to receive filter cake from the downwardly moving portion of the drum and means on the belt to brush cake from the drum, a roller above the space between the drum and conveyor belt, and means for rotatably supporting and guiding the roller so as to exert slight resistance to upward pressure of the cake and guide the cake to the conveyor belt.

2,060,897

APPARATUS FOR IMPREGNATING NONWOVEN FABRICS

Edgar C. Richardson, Newport, Del., and Morgan J. Vittengl, Fairfield, Conn., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application February 7, 1933, Serial No. 655,652
1 Claim. (Cl. 91—43)



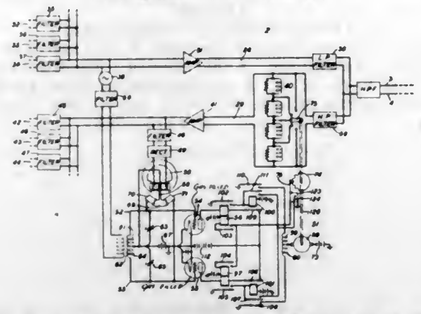
Apparatus for impregnating with aqueous saturants cellulosic web material incapable of supporting its own weight when wetted with an aqueous liquid to produce unwrinkled, unbroken-formation impregnated cellulosic web material comprising lower and upper continuous porous aprons, said lower apron being suspended over leading and following rolls and said upper apron being suspended under leading and following rolls, the suspended portions of said aprons being disposed face to face, the leading roll of the lower apron being located in advance of the leading roll of the upper apron, a feeding device for an impregnating solution being located in following relation to the leading roll of the lower apron, the centers of two following rolls being in a plane perpendicular to the plane of the aprons therebetween, the said leading and following rolls being arranged to support and confine the cellulosic web material between the said upper and lower aprons with a pressure insufficient to force the impregnating solution away from the said cellulosic web material during impregnation and the following rolls being arranged to apply pressure to the impregnated cellulosic web material between the aprons sufficient to force the excess of the impregnating composition away from the same.

2,060,898

CONTROL CIRCUITS

Victor E. Rosene, Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application December 1, 1934, Serial No. 755,560
12 Claims. (Cl. 178—44)



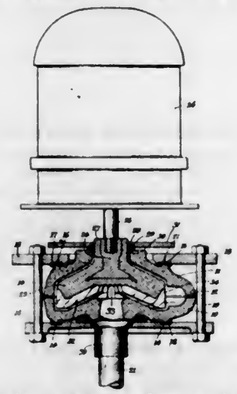
1. In combination, two gas-filled space discharge devices each biased near the breakdown point, a source of alternating current, two tuned circuits normally tuned off the frequency of said source, said circuits respectively connecting the devices to said source, and means for varying the frequency relationship between said source and said tuned circuits to selectively operate said devices.

2,060,899

ROTARY PUMP FOR CORROSIVE LIQUIDS

Arthur O. Russell, White Plains, N. Y.

Application January 10, 1935, Serial No. 1,145
2 Claims. (Cl. 103—114)



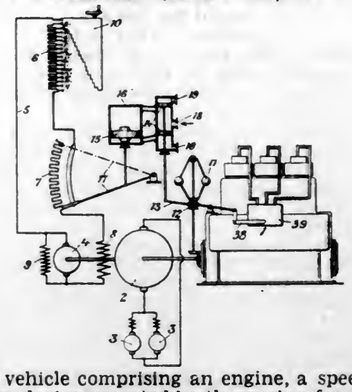
1. In a rotary pump, the combination of a glass rotor, a casing therefor comprising a glass cap and base, said cap and said base having a non-corrodible packing therebetween, said base being supported upon a metal part, there being a space between said base and said metal part, a rubber or other tubing having a flange at its top adapted to be gripped in said space, and an inlet pipe mounted in said tubing.

2,060,900

CONTROL APPARATUS FOR VEHICLES OF THE DIESEL-ELECTRIC TYPE

Oscar Simmen, Erlach, Switzerland, assignor to firm Sulzer Freres Societe Anonyme, Winterthur, Switzerland

Application November 30, 1932, Serial No. 644,984
In Switzerland December 4, 1931
6 Claims. (Cl. 290—17)



6. A vehicle comprising an engine, a speed-responsive device operated by the engine for maintaining the engine speed constant within a predetermined range, a generator driven by said engine having a motor connected thereto for propelling the vehicle, an excitation system for said generator including manually operated vehicle control means for varying the excitation of said generator to gradually apply torque to said engine and start the vehicle, a resistance capable of being put in said excitation system, and means actuated upon a decrease in the speed of said engine for putting at least a part of said resistance in the excitation system to cause the torque applied to the engine by the manipulation of said manually-operated means to be maintained substantially constant under varying operating conditions of the vehicle.

2,060,901

METHOD OF ASSEMBLING A BALANCED ROTOR

Beecher D. Smith, West Allis, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware

Original application May 22, 1930, Serial No. 454,621. Divided and this application February 3, 1936, Serial No. 62,124
9 Claims. (Cl. 73—51)



1. The method of obtaining a dynamically balanced rotor formed of a plurality of blade segments, or the like, which comprises, individually measuring the moments of a plurality of segments at a distance corresponding to the radius of the rotary support on which they are to be mounted,

selecting a pair of segments having the same moments and mounting them in diametrically opposed relation on the support and selecting further pairs of segments, the segments of each pair having like moments, and mounting the pairs on the support with the segments of each pair in diametrically opposed relation, until the periphery of the support is filled and the rotor completed.

2,060,902

METHOD FOR SIMULTANEOUSLY SEASONING AND TREATING WATER-SWOLLEN FIBROUS MATERIALS

Alfred Joaquin Stamm, Madison, Wis.
Dedicated to the free use of the Public
No Drawing. Application May 9, 1934, Serial No. 724,834
2 Claims. (Cl. 21—46)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A process for drying and impregnating green wood consisting of:

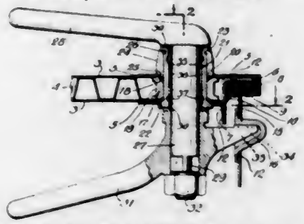
(*a*) Heating the green wood in ethylene glycol monoethyl ether for 24 hours at a temperature of 50° C. to replace the water by ethylene glycol monoethyl ether and then applying a reduced pressure of 10 centimeters of mercury to distill off the water;

(*b*) Heating the ethylene glycol monoethyl ether saturated wood in molten paraffin for 24 hours to replace the ethylene glycol monoethyl ether by paraffin and then applying a reduced pressure of 10 centimeters of mercury and heating to 80° C. to distill off the ethylene glycol monoethyl ether.

2,060,903

LATCH FOR BULKHEAD DOORS

Cono Santore, Long Island City, N. Y., assignor to Breeze Corporations, Inc., Newark, N. J.
Application January 22, 1936, Serial No. 60,211
8 Claims. (Cl. 114—117)



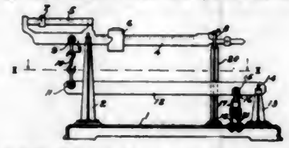
1. A member to be applied to a door to maintain the door in closed position comprising a flanged sleeve having a distortable upper end inserted through the door, a retaining member surrounding the sleeve on the opposite side of the door, the distortable end of the sleeve being bent over the retaining member to secure both members in position, a spindle disposed through the sleeve, handles carrier by the spindle and a latch formed on one handle.

2,060,904

APPARATUS FOR MEASURING THE MOMENTS OF BLADE SEGMENTS

Beecher D. Smith, West Allis, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware
Application May 22, 1930, Serial No. 454,621
3 Claims. (Cl. 73—51)

1. A scale for measuring moments of blade segments, or the like, comprising a scale frame, a lever, a beam at one end of the lever and pivotally connected thereto, a bar pivotally connected at one end to the scale frame, a substantially V-shaped platform symmetrically positioned on the opposite end of the bar, means for fulcruming the bar near its pivoted connection

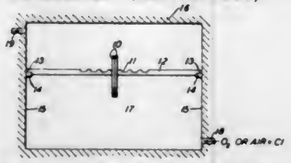


with the scale frame from the other end of the lever, said platform being provided with a longitudinal groove parallel to and overlying said bar, and a substantially L-shaped stop indicator provided with a square headed stud positioned in said slot for adjustably locating a segment on said platform.

2,060,905

ASYMMETRICAL CONDUCTOR

George O. Smith, Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 30, 1935, Serial No. 13,888
14 Claims. (Cl. 175—366)

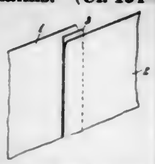


1. The method of manufacture of a copper-cuprous oxide rectifier that comprises heating a copper blank in an oxidizing atmosphere containing about .015 to .1% chlorine by volume.

2,060,906

UNITING MATERIALS

James E. Snyder, Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application March 16, 1932, Serial No. 599,093
12 Claims. (Cl. 154—42)



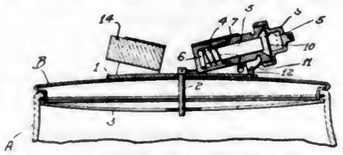
1. A transparent spliced joint comprising overlapped portions of two oppositely extending transparent regenerated cellulose sheets adhesively secured by a transparent splicing tape interposed between said overlapped portions, said splicing tape comprising a transparent strip having a coating of transparent normally substantially non-tacky adhesive which becomes tacky when heated.

2,060,907

VEHICLE SPEED TELLTALE

Oscar Stankey, East St. Louis, Ill.
Application November 18, 1935, Serial No. 50,376
4 Claims. (Cl. 116—116)

1. In a motor vehicle, a traffic speed tell-tale device for temporary use thereon and comprising a hub cap, frangible means on said cap and movable means controlled by the speed of said

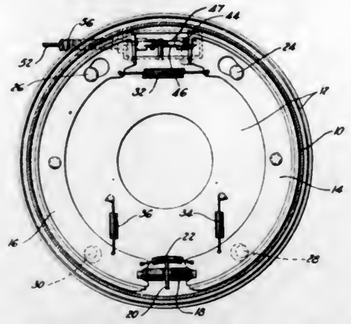


vehicle to rupture said frangible means at a predetermined speed of said vehicle.

2,060,908

FLOATING ACTUATOR

Albert C. Starr, Nephi, Utah, assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application December 1, 1932, Serial No. 645,308
3 Claims. (Cl. 188—78)

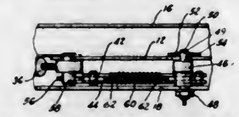


1. In automotive brake apparatus, a brake drum, friction means within said drum, a stationary member associated with said drum, a lever pivotally mounted on said stationary member and having one end bearing upon one end of said friction means, a link pivotally connected to the other end of said pivoted lever, a floating lever having one end pivotally connected to the other end of the link and having the other end bearing upon the other end of said friction means, and means comprising a cable connected to said floating lever for applying force to an intermediate portion of said floating lever.

2,060,909

BRAKE

Cecil H. Taylor, South Bend, Ind., assignor to Bendix Brake Company, South Bend, Ind., a corporation of Illinois
Application October 17, 1930, Serial No. 489,265
4 Claims. (Cl. 188—78)

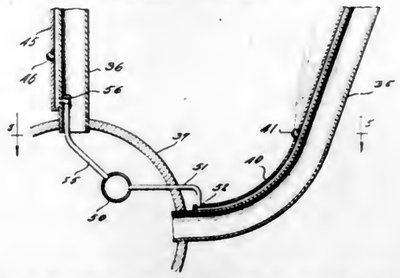


4. A brake mechanism comprising a pair of friction shoes, an adjustable pivotal connection for said shoes comprising an arrangement connected to both of said shoes by pivotal joints, a backing plate for said shoes, and means for positioning said shoes in brake-off position including a compressible member having one of its ends mounted on one of the pivotal joints and having its other end mounted on said support plate.

2,060,910

BOILER CLEANER

Charles S. Turner, Detroit, Mich., assignor, by mesne assignments, to Diamond Power Specialty Corporation, Detroit, Mich., a corporation of Michigan
Original application February 15, 1930, Serial No. 428,721, now Patent No. 1,992,336. Divided and this application January 25, 1935, Serial No. 3,478. In Great Britain March 21, 1933
11 Claims. (Cl. 122—392)

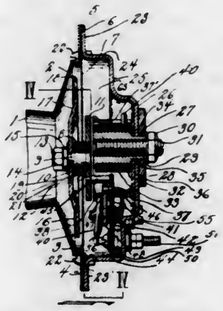


1. In a boiler cleaner for a boiler of the type which includes a header and fluid circulating tubes communicating with said header, a blower element disposed in said boiler for directing cleaning fluid adjacent parts thereof to be cleaned, and means for supplying cleaning fluid to said blower element including a main cleaning fluid supply line located in said header.

2,060,911

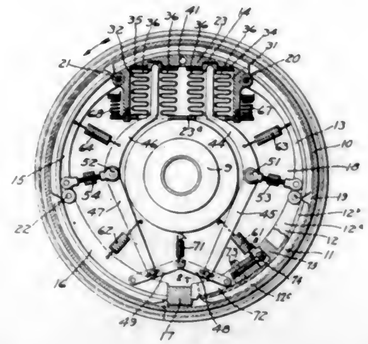
SOUND SIGNALING

Frederick Von Voigtlander, Adrian, Mich., assignor to Schwarze Electric Company, Adrian, Mich., a corporation of Michigan
Application May 25, 1933, Serial No. 672,857
2 Claims. (Cl. 177—7)



2. In a sound signal, a casing, a diaphragm closing an end of the casing, a magnetic member secured in the casing, extending toward the diaphragm and providing rim means concentric of the diaphragm, an armature secured to the diaphragm concentrically of the diaphragm and overlying the rim means of the member, a magnet, coil and core secured in the member and projecting toward the armature, the magnet, coil and core providing a magnet unit surrounded by and substantially smaller than the rim means and situated near one side thereof, interrupter contacts for the coil having an operating member extending into the cup from the side opposite to that on which the coil is situated and a contact actuator secured to the armature and bearing on the contact operating member at a point adjacent the side of the coil.

2,060,912
BRAKE
Frank L. O. Wadsworth, Pittsburgh, Pa., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application July 27, 1932, Serial No. 625,113
7 Claims. (Cl. 188—152)



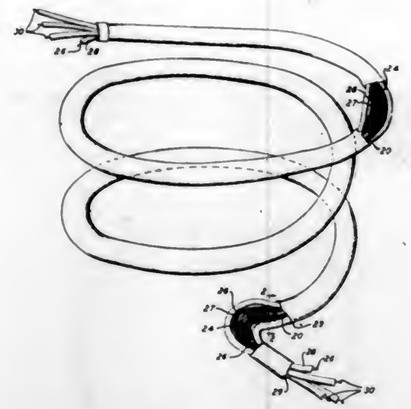
2. A brake comprising a drum; a plurality of shoes including a central shoe, a plurality of intermediate shoes pivotally connected to the ends of said central shoe, and a pair of end shoes each pivotally connected to the outer end of one of said intermediate shoes; an anchor positioned between the outer ends of said end shoes; a fluid motor carried by said central shoe and linkage whereby said fluid motor actuates said shoes; and resilient means connected to said shoes and to said links for withdrawing said shoes from drum contact.

2,060,913
ELECTRICAL CONDUCTOR
Leo L. Weaver, Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application July 7, 1934, Serial No. 734,082
1 Claim. (Cl. 173—367)



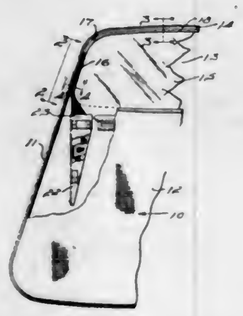
An electrical conductor cord comprising three strands each a unitary combined conductor and coiling spring and each of material both electrically conductive and mechanically elastic and each formed with a substantially flat cross section and the three cross sections being mutually parallel, a sheath of insulating material on the middle strand, and a sheath of insulating material over the whole, the whole conductor cord being coiled in the plane of the flat strands, whereby the coiled conductor is easily elastically deformable under stress along the axis of the coils thereof and tends to return to its coiled form when released from stress.

2,060,914
ELECTRICAL CONDUCTOR
Leo L. Weaver, Cranford, and Carroll A. Webber, Westfield, N. J.; said Weaver assignor to Western Electric Company, Inc., New York, N. Y., a corporation of New York, and said Webber assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application January 10, 1935, Serial No. 1,104
15 Claims. (Cl. 173—367)



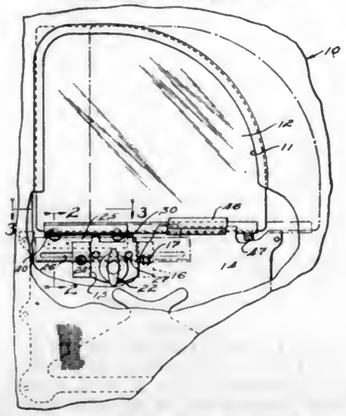
1. In a self coiling element for flexible electrical conductors, an elastic coiled core strand, a sheath over the core strand and flexible means on an end of the core strand within the sheath to prevent the end of the core strand from damaging the inside of the sheath.

2,060,915
UNIT SEALING AND GUIDE STRIP FOR GLASS RUN CHANNEL
Fred J. Westrope, Detroit, Mich., assignor to The Murray Corporation of America, a corporation of Delaware
Application September 30, 1932, Serial No. 635,659
9 Claims. (Cl. 296—44.5)



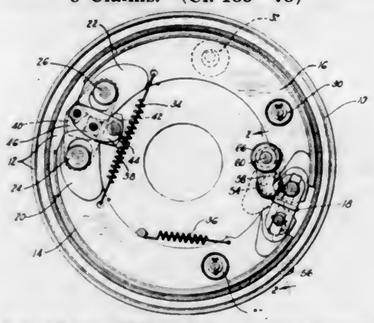
8. A strip to be received by the glass guide channel disposed adjacent to and below the window opening including, in combination, a channel strip of rubber of varying depth effected by the increased extension of the side flanges of the strip below the window opening beyond the plane of extension at the window opening.

2,060,916
WINDOW SUPPORT AND REGULATING DEVICE
Fred J. Westrope, Detroit, Mich., assignor to The Murray Corporation of America, a corporation of Delaware
Application November 15, 1933, Serial No. 698,087
8 Claims. (Cl. 268—97)



1. A vehicle body having a window opening, a window movable horizontally of the opening, and window regulating mechanism on the body for moving the window, said mechanism including horizontally movable means entirely supporting the window against downward movement.

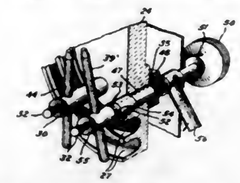
2,060,917
BRAKE
Clyde L. White, South Bend, Ind., assignor to Bendix Brake Company, South Bend, Ind., a corporation of Illinois
Application October 1, 1930, Serial No. 485,629
5 Claims. (Cl. 188—78)



1. A brake comprising, in combination with a drum, a pair of floating shoes connected by an adjustable compound floating pivot joint and arranged to have one shoe anchor when the drum is turning in one direction and to have the other shoe anchor when the drum is turning in the other direction, and a plurality of independently operable applying devices each arranged to apply at least one of said shoes whichever shoe anchors and one of which is arranged adjacent said joint.

2,060,918
ELECTRIC APPLIANCE
Leonard P. Young, New York, N. Y.
Application January 17, 1936, Serial No. 59,496
13 Claims. (Cl. 176—115)

13. In an electric lamp, a casing provided with ventilation means and a screened front, suspension means for the casing, pivotally and adjustably connected therewith, for facilitating any desired positioning of the casing relative to said suspension means, a resistance mounting within said casing, electrode holders associated with said mounting, one of said holders being adjustable,



a closure for said casing, electric contact means extending through said closure, an electric connector removably associable with said contact means, closure locking means operatively mounted at the interior of said closure and adapted to be actuated to locking position when said electric contacts are engaged by said connector.

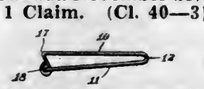
2,060,919
NONFERROUS METAL
Henry Charles Anstey, Cheadle, Stoke-on-Trent, and William Ernest Alkins, Leek, England, assignors to Thomas Bolton & Sons Limited, Widnes, England, a company of Great Britain
No Drawing. Application November 8, 1934, Serial No. 752,184. In Great Britain October 21, 1933
3 Claims. (Cl. 75—178)

1. A zinc alloy capable of hot working from temperatures in excess of 350° C. and capable of reheating thereto without substantial increase of grain size, containing substantially 0.10% to 0.60% of a metal selected from the group consisting of nickel and cobalt, 0.01% to 0.15% of silicon, and at least 97% of zinc.

2,060,920
NONFERROUS METAL
Henry Charles Anstey, Cheadle, Stoke-on-Trent, and William Ernest Alkins, Leek, England, assignors to Thomas Bolton & Sons Limited, Widnes, England, a British company
No Drawing. Application September 12, 1935, Serial No. 40,342. In Great Britain October 21, 1933
2 Claims. (Cl. 75—178)

1. An alloy for engraving sheets capable of hot working from temperatures exceeding 350° C. and capable of reheating thereto without increase of grain size, containing 0.02% to 0.25% of a metal selected from the group consisting of nickel and cobalt, 0.001% to 0.03% of silicon, substantially 0.10% to 0.30% of lead, and the remainder completely deoxidized zinc.

2,060,921
IDENTIFICATION TAG
Ward Ashton, Ottawa, Ontario, Canada
Application October 21, 1935, Serial No. 45,954
In Canada November 23, 1934
1 Claim. (Cl. 40—3)



An ear tag for animals comprising a flat metallic strip bent upon itself to form two arms in substantially V shape and spaced apart to conform with the thick and thin portions of the ani-

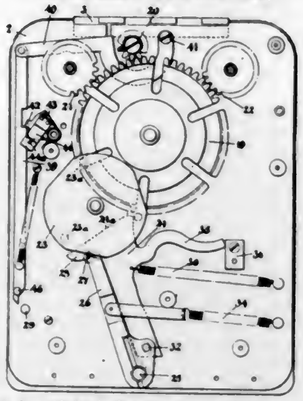
mal's ear, one arm being provided with a transverse recessed slot, the other with a tapered piercing tip, inclined inwardly to strike the ear of the animal perpendicularly and to pass through the slotted end and then to be clinched about the outer surface of said end so that the arms are still diverging and conform to the thick and thin portions of the animal's ear.

2,060,922

DEVICE, MORE PARTICULARLY MANIFOLD WRITING DEVICE FOR ISSUING TICKETS OR THE LIKE

Horace Drummond Black, London, and Christopher Frederick Webb, Eastcote, England, assignors to Bell Punch Company Limited, London, England

Application September 10, 1934, Serial No. 743,470
In Great Britain March 5, 1934
18 Claims. (Cl. 282—16)



2. A strip ticket issuing machine comprising a ticket strip supply magazine adapted to accommodate a supply of at least one ticket strip, a feeding device for the strip provided with means arranged to engage with perforations in the strip so as to feed said strip forwardly at least one ticket length upon each actuation of the machine, a pivoted lever manual means for displacing said lever in one direction, a second lever operable under spring control to actuate said feeding device and pivotally and slidably connected at one end thereof to the said pivoted lever, a hook shaped projection disposed on the other end of said second lever which is arranged to engage with the free end of the said pivoted lever so that the two levers are rotated together during the initial displacement in the said direction of the pivoted lever, a nose on said hook shaped projection, and a stationary pin, fixed relatively to the machine, which is arranged to engage with the said nose during the displacement of the pivoted lever and cause the said nose to ride up so that the hook shaped projection is released from the free end of the pivoted lever and the said section lever is free to rotate under spring control and actuate the feeding device.

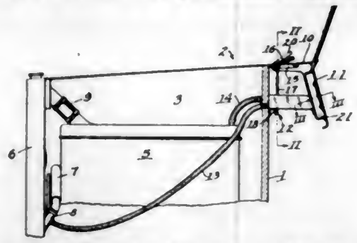
2,060,923

AIR CONDITIONING SYSTEM FOR MOTOR VEHICLE BODIES

James L. Breese, Jr., Santa Fe, N. Mex.

Application September 10, 1934, Serial No. 743,405
4 Claims. (Cl. 237—12.3)

4. Temperature regulating apparatus for the passenger compartment of a motor vehicle comprising a radiator mounted adjacent to said compartment, said compartment being provided with a ventilating opening in registration with said radiator, a movable closure for said ventilating opening, a thermostat positioned adjacent said



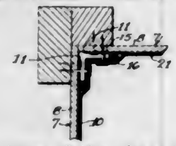
radiator and contacted by air passing therethrough, and a link connecting said thermostat and said movable closure whereby the latter will open or close according to the temperature variation of the radiator.

2,060,924

WALL CANVASSING BINDER

John Guy Brewer, Piedmont, Mo., assignor of nine one-hundredths to J. S. Berryman, Jr., nine one-hundredths to Herbert Young, and seven one-hundredths to L. C. Lucy, all of Piedmont, Mo.

Application June 27, 1935, Serial No. 28,759
3 Claims. (Cl. 20—4)



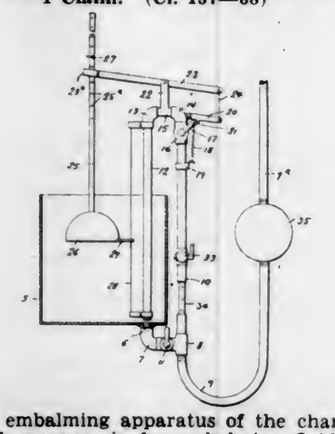
1. In a structure of the class described, a marginal binder for use in association with a fabric wall covering comprising a flexible attachable backing element, and a fabric covering therefor, the fabric covering being secured loosely to the backing.

2,060,925

EMBALMING APPARATUS

Orce F. Brosh and George J. Brosh, Norway, Iowa

Application June 15, 1935, Serial No. 26,881
1 Claim. (Cl. 137—68)



In an embalming apparatus of the character described, a reservoir for embalming fluid, and siphoning means for withdrawing fluid from the reservoir including a conduit having an end terminating within the reservoir, a valve arranged in the conduit externally of the reservoir, a latch device mounted on the conduit and engageable with the valve for releasably retaining the same in open position, a float to rest on the fluid within the reservoir, an operating connection between the float and the latch device for releasing the latch incidental to a lowering of the fluid level within the reservoir, together with means connected with the valve normally urging the latter to closed position and means for supporting the conduit relative to the reservoir and comprising a drain pipe leading from the bottom of the reservoir and communicating with said conduit whereby said conduit beyond the valve serves as a continuation of the drain and a valve in the drain between the conduit and the reservoir.

2,060,926

EGG TREATMENT PROCESS AND PRODUCT

Faw Yap Chuck, San Francisco, Calif.

No Drawing. Application February 3, 1936, Serial No. 62,046
19 Claims. (Cl. 99—170)

1. In a process for the preservation of eggs, applying a liquid coating material to the surface of the egg, the material containing a dissolved alkaline earth compound capable of ready conversion to form a substantially insoluble alkaline earth carbonate, and then applying a carbonating solution to the exterior of the egg.

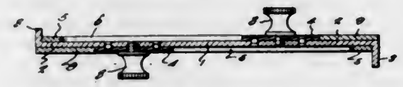
8. As a new article of manufacture, an egg having a supplemental deposit of alkaline earth carbonate integrally bonded to its natural shell and serving to reduce the natural porosity of the shell, together with material capable of affording a bicarbonate ion.

2,060,927

GAUGE

Amedeo Cristiani, Lake Placid, N. Y.

Application June 26, 1935, Serial No. 28,550
2 Claims. (Cl. 33—143)



1. A gauge comprising an elongated stationary member, right angularly extending flanges projecting in opposite directions from the ends of said stationary member, adjustable members mounted for longitudinal sliding movement on the stationary member and engageable, at one end, with the respective flanges, said adjustable members having longitudinal slots therein, elongated guides fixed on the stationary member and slidably engaged in the slots, and thumb screws threadedly mounted on the stationary member and frictionally engageable with the adjustable members for securing the latter in adjusted position.

2,060,928

MATERIAL FOR MAKING CLOSURE LINERS

Frederick M. Damitz, Irvington, N. J., assignor to Irvington Varnish & Insulator Co., Irvington, N. J., a corporation of New Jersey

No Drawing. Application September 13, 1933, Serial No. 689,264
4 Claims. (Cl. 91—70)

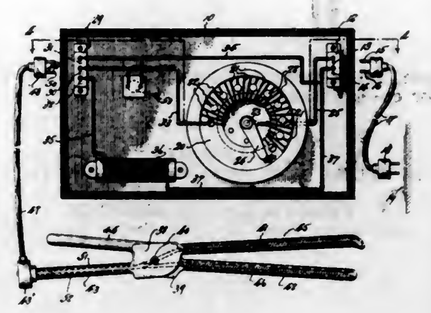
1. The method of making a liner for closures having a base and a coating material applied to said base consisting of intermixing a resin of the group consisting of shellac and phenol formaldehyde oil soluble resin with a solvent, a plasticizer and a filler, applying said mixture as a coating to the base and then baking and curing said coating at relatively high temperatures of between 250° to 300° F.

2,060,929

ELECTRIC HAIR WAVING APPARATUS

Emil de los Santos, Brooklyn, N. Y.

Application March 17, 1936, Serial No. 69,317
2 Claims. (Cl. 219—24)



1. A control means for an electrically heated hair waving iron having a flexible conductor cable and plug connection to serve current to its heating elements, comprising a portable casing, a rheostat mounted within said casing, an actuating means for said rheostat including a dial to indicate heat modifying effects of the rheostat controlled current, an input plug receptacle in a wall of said casing having a pair of contact sockets engageable by a plug connection of a cable conductor connected with a source of current, one of said contact sockets being connected with the input side of said rheostat, a secondary resistance coil mounted within said casing, an output plug receptacle in a wall of said casing, said output receptacle having three equi-spaced and aligned contact sockets, the output side of said rheostat being connected with the center contact socket of said output receptacle, one outer contact socket of said output receptacle being connected with the second contact socket of said input receptacle, and the other outer contact socket of said output receptacle being connected through said secondary resistance coil to said second contact socket of said input receptacle, all whereby said center and a selected outer contact socket of said output receptacle may be selectively engaged by said iron cable plug connection to connect the iron in series with said rheostat alone when the current source is of 110 volt capacity or in series with both said rheostat and said secondary resistance coil when the current is of 220 volt capacity.

2,060,930

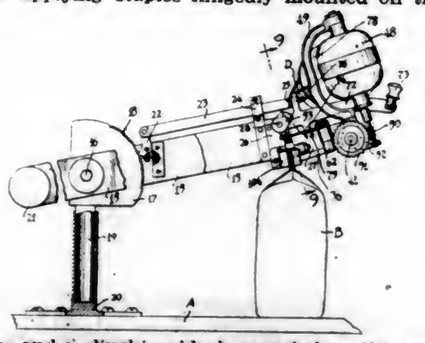
MACHINE FOR MAKING AND APPLYING STAPLES

Victor H. Ellacott, Spring Valley, Minn.

Application November 20, 1933, Serial No. 698,809
22 Claims. (Cl. 1—2)

1. In a machine of the class described, a support, an arm mounted on the support for lateral

swinging movement, and a machine for making and applying staples hingedly mounted on the



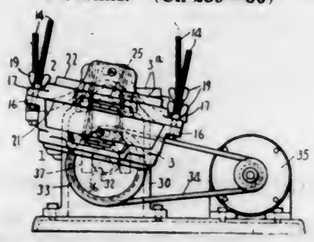
arm, and a clinching block mounted on the arm for co-operation with the machine.

2,060,931
SUPPORT FOR SHELVES, TABLE TOPS, AND THE LIKE
Peter Fischer, Palo Alto, Calif.
Application June 14, 1935, Serial No. 26,684
2 Claims. (Cl. 43—109)



1. As a new article of manufacture, a support for shelves and the like, including a substantially vertical stem adapted to provide a support for a shelf, and a receptacle adapted to contain an insecticide and comprising a semi-spherical body of rubber provided with a concave recess in its upper side and formed with a central opening of slightly less diameter than said stem, the upper end of said opening terminating at the base of said recess and below the marginal edge of the body, and receiving the stem when the latter is pressed therethrough so that the body of the receptacle snugly fits around said stem, the upper terminal of the stem aforesaid being some distance above the uppermost portion of said receptacle.

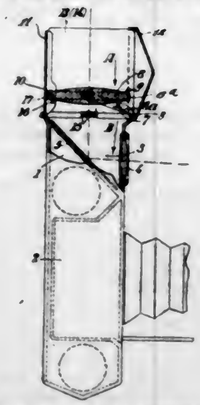
2,060,932
AGITATING APPARATUS
Charles L. Friermood, Springfield, Ohio, assignor to Charles K. Hullinger, receiver The Ridgely Trimmer Company, Springfield, Ohio, a corporation of Ohio
Application February 25, 1936, Serial No. 65,625
7 Claims. (Cl. 259—56)



1. In a paint agitator, a holder for containers comprising two clamping members, one at least of which is adjustable to and from the other,

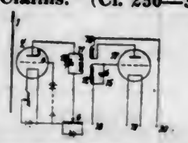
one of said members having on one face thereof a plurality of seats for different sized containers and the other member being reversible and having seats for the containers on each face thereof complemental to the seats on the companion member.

2,060,933
CAMERA
Leo Goldhammer, Munich, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
Application November 2, 1933, Serial No. 696,424
In Germany November 5, 1932
6 Claims. (Cl. 88—1.5)



1. In a folding camera in combination, a camera casing having a back wall and a front wall, an upper and a lower spool for winding roll film and having a diameter substantially equal to the width of said camera casing, a mirror arranged above said upper spool fastened to said front wall and said back wall and inclined to these walls, an objective lens provided in said front wall in front of said inclined mirror for focussing an object to be photographed on said mirror, an eye lens having a diameter at least equal to the width of said camera casing and mounted above said inclined mirror for viewing said object focussed on said mirror by said objective lens, and means for securing said eye lens to said casing.

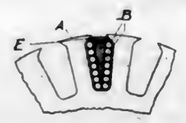
2,060,934
RADIO COMMUNICATION WITH VERY SHORT WAVES
Ernst Gerhard, Furth, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands
Application March 27, 1930, Serial No. 439,467
In Germany April 2, 1929
7 Claims. (Cl. 250—36)



1. An arrangement for generating ultra-short electrical waves modulated at a high frequency, comprising a thermionic valve having a filament and consisting of a grid electrode of high positive voltage of several hundred volts and a braking electrode of a lower voltage of only a few volts in relation to the filament, producing ultra-high-frequency thermionic oscillations in

the valve and means for applying between two electrodes of the valve a supplementary high-frequency alternating voltage, said last mentioned means including a high-frequency, parallel tuned oscillating circuit, connected between two electrodes of the thermionic valve, and a high frequency generator coupled to said oscillating circuit.

2,060,935
ARRANGEMENT FOR IMPROVING THE COMMUTATION IN DIRECT CURRENT MACHINES
Hugo Grob, Berlin, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands
Application October 22, 1935, Serial No. 46,147
In Germany September 12, 1934
9 Claims. (Cl. 171—228)



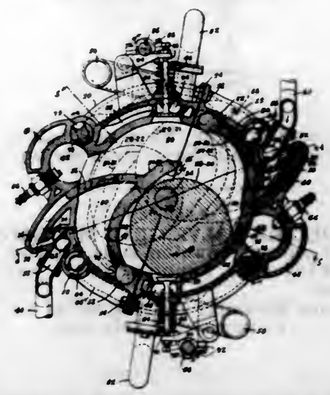
1. An armature having a plurality of slots the side walls of which are spaced apart a greater distance adjacent the open end than at the closed end, a layer of insulating material adjacent said walls and a plurality of conductors adjacent said insulating material only, said walls being spaced apart at least at the outer portion a distance greater than the combined cross section of said conductors and the insulating material, whereby at least a portion of said conductors are centrally spaced apart, and a separate insulating member within said space.

2,060,936
HEAT EXCHANGE MEANS
Joseph Haag, Jr., New York, N. Y., assignor to Todd Combustion Equipment, Inc., New York, N. Y., a corporation of New York
Application February 15, 1936, Serial No. 63,990
8 Claims. (Cl. 257—246)



1. Heat exchange means comprising a tubular casing, means for passing liquid at a given temperature therethrough, a duct extended through said casing adapted for the passage of fluid at a different temperature, main spiral means surrounding said duct to prolong the path of liquid travel through said casing, and spiral fins located intermediate the main spiral means to increase the radiating effect.

2,060,937
ROTARY ENGINE
John N. Hinckley, Cambridge, Mass., and Stanley H. Clark, Provo, Utah
Application January 18, 1933, Serial No. 652,338
10 Claims. (Cl. 123—15)

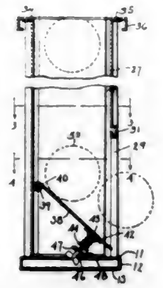


1. A rotary internal combustion engine, comprising a block having a cylinder therein, a shaft disposed centrally in the cylinder, a rotor in the cylinder mounted eccentrically on the shaft and contacting with the inner walls of the cylinder, an arm pivotally mounted on the peripheral wall of the cylinder in engagement with the parallel side walls thereof and movable between a closed position wherein its rear surface is adjacent to said peripheral wall and an open position extending inwardly into the cylinder, the arm having an arcuate projection extending outwardly from its said rear surface and into the cylindrical block, the arm together with its said projection and the adjacent cylinder walls forming a compression chamber within the cylinder when the arm is in open position, and means providing a combustion chamber within the engine block and opening into the cylinder on the side of the arcuate projection opposite from the compression chamber, explosive pressure within the combustion chamber being adapted to swing the arm inwardly against the rotor and cause forward rotation of the shaft and the influx of a combustion charge into the compression chamber and continued forward rotation of the shaft being adapted to swing the arm in the opposite direction and compress said charge, the length of the arm from its pivotal axis to its outermost point of engagement with the rotor being substantially greater than the distance between its pivotal axis and the rotary axis of the shaft for the purpose described.

2,060,938
EXERCISING DEVICE
Conrad A. Johnson, Jamestown, N. Y.
Application June 13, 1933, Serial No. 675,599
4 Claims. (Cl. 272—57)

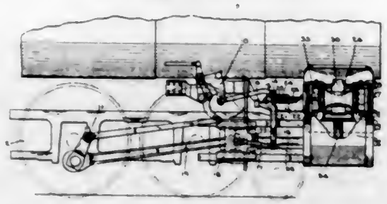
1. A device for exercising comprising a four walled structure, a base supporting said structure, said structure being open at the top and provided with a similarly sized opening adjacent said base, adjustably pitched deflecting means adjacent

said base and said opening, said means serving to direct a ball or other falling object outwardly



through said opening, when said ball or object is inserted into said device from the top thereof.

2,060,939
AUXILIARY VALVE GEAR MECHANISM
Alfred O. Judson, Swanton, Ohio, assignor to The Pilliod Company, Swanton, Ohio, a corporation of Ohio
Application December 10, 1934, Serial No. 756,721
4 Claims. (Cl. 121—163)

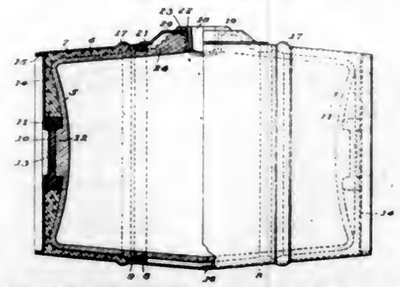


1. Valve gear mechanism for steam engines having a driven rotatable member, a driven reciprocable member, a steam admission and exhaust valve, said mechanism comprising a vertically disposed combination lever deriving motion at its lower end portion from said reciprocable member and at its upper end portion from said rotatable member, a reciprocable cross-head for said valve, a depending radius bar pivoted to a lower portion of said combination lever, means providing a pivotal mounting for the upper end of said radius bar, a rearward'y extending portion on the upper end of said combination lever, and link means providing a connection between said crosshead and said rearwardly extending portion of said combination lever.

2,060,940
PROCESS FOR OBTAINING KRYPTON AND XENON
Heinrich Kahle, Hoeltriegelskreuth, near Munich, Germany, assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
No Drawing. Application May 9, 1934, Serial No. 724,821. In Germany May 13, 1933
9 Claims. (Cl. 62—175.5)

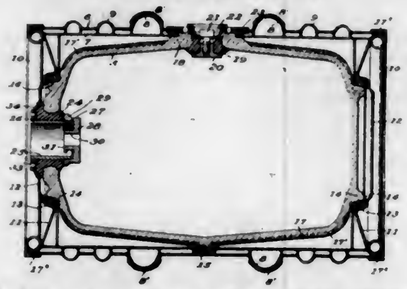
1. Process for obtaining krypton and xenon by rectification which comprises separating the mixture of oxygen, krypton and xenon obtained at the first enrichment of the rare gases by rectification under increased pressure, said pressure being increased after the primary rectification and for said final separation only.

2,060,941
SHIPPING AND STORING RECEPTACLE
Walter Kline, Wellington, and William A. Brubaker, Akron, Ohio; said Kline assignor to Ethel H. Morrison, Wellington, Ohio
Application April 28, 1934, Serial No. 722,996
1 Claim. (Cl. 220—15)



A spaced wall receptacle, comprising an outer metallic shell, a container within said shell and means for supporting and cushioning said container in spaced relation to the shell comprising bands of resilient material encircling the container and snugly fitting the space between the shell and container and end cushions of resilient material spacing the ends of the container from the ends of the shell, said end cushions having opposed counter-sunk areas and outwardly offset portions on the shell and container occupying said areas.

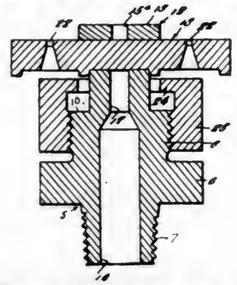
2,060,942
SHIPPING AND/OR STORING RECEPTACLE
Walter Kline, Wellington, and William A. Brubaker, Akron, Ohio; said Kline assignor to Ethel H. Morrison, Wellington, Ohio
Application October 9, 1934, Serial No. 747,631
11 Claims. (Cl. 220—10)



1. In a receptacle of the character described, an outer protective shell, an inner non-corrosive container housed within said shell, resilient cushioning means supporting the container within the shell, a bituminous covering for said container and a jacket of sheet material snugly fitting over said bituminous covering.

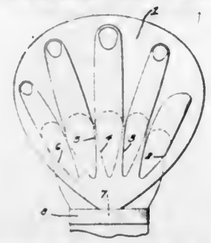
2,060,943
NOZZLE
Merril R. Lieb, Allentown, Pa.
Application June 4, 1936, Serial No. 83,568
3 Claims. (Cl. 299—139)

1. A nozzle of the character described comprising a body having a bore therethrough, one end of the body being provided with threads, a nut engageable over the threads and provided with an inwardly disposed portion, a yoke having foot portions adapted to be clamped against the body portion by the said inwardly disposed portion of the nut, and a valve plate for interposition between



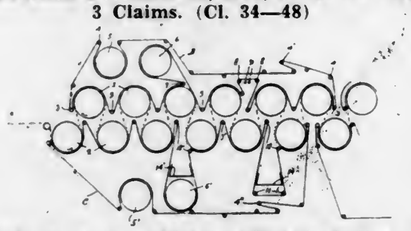
the bight portion of the yoke and the discharge end of the said body.

2,060,944
SWIMMING PAD
Foster M. McClure, San Diego, Calif.
Application June 24, 1935, Serial No. 28,130
2 Claims. (Cl. 9—21)



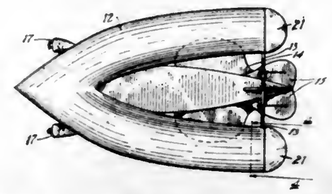
1. A swimming pad comprising a semi-flexible and resilient sheet of substantially fan shape and the size of the hand with the fingers and thumb spread, provided with five finger and thumb openings near one end thereof to receive the four fingers and thumb therethrough so that the forward portion of the pad is on the forward side of the fingers and the rearward portion of the pad on the back side of the hand, and a resilient band secured at right angles to the main axis of said pad at the said end adapted to receive the hand and support the pad around the wrist of the wearer.

2,060,945
PAPER MAKING MACHINE
Edward John Mellentine, Kapuskasing, Ontario, Canada
Application December 11, 1935, Serial No. 53,969
3 Claims. (Cl. 34—48)



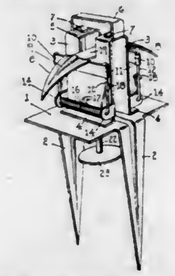
1. In a paper making machine including upper and lower rows of heating dryers, dryer felts passing over the dryers, guiding rollers for said felts, a pair of rollers forming a loop in the lower felt between a pair of the dryers and a trough located in the space formed by the loop for receiving particles of paper breaking off the web of paper.

2,060,946
AIRCRAFT
Severyn I. Molicki, Denver, Colo.
Application December 20, 1935, Serial No. 55,399
1 Claim. (Cl. 244—12)



An airplane comprising: a fuselage; tail control surfaces on the rearward extremity of said fuselage; a V-shaped upper wing positioned above said fuselage with its apex extending forwardly of the latter; and side portions of uniform width extending rearwardly from said apex, said side portions being continuously curved in plan and extending first outwardly and rearwardly from said apex, thence gradually lessening their outward angle on a gradual curve until they approach a parallel position as the rear of said fuselage is approached to a termination at each side of and above said tail control surfaces.

2,060,947
MOLE TRAP
James Dwight Morrow, Benton Harbor, Mich.
Application December 23, 1935, Serial No. 55,872
6 Claims. (Cl. 43—79)

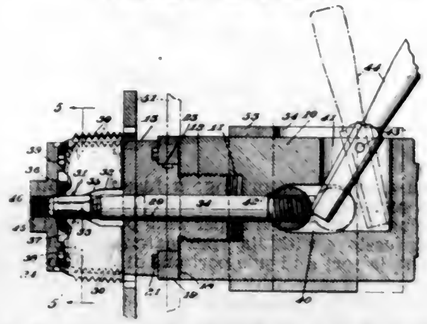


1. A mole trap comprising a suitable base with downwardly-extending supporting prongs, an upwardly-projecting support on the said base, impaling prongs supported at each side formed in the arc of a circle, a pivoted support for each of said prongs above the base plate, pivoted at the center of curvature of said arc, springs for driving the said impaling prongs downwardly, a trip bar adapted to engage said prongs by downwardly-projecting lug portions, a central vertical rod for the said trip, and a trip pan at the lower end of said rod adapted to be disposed in contact with the ground.

2,060,948
METAL BEARING FLUX
Samuel R. Oldham, Chicago, Ill., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
No Drawing. Application May 16, 1933, Serial No. 671,363
5 Claims. (Cl. 148—24)

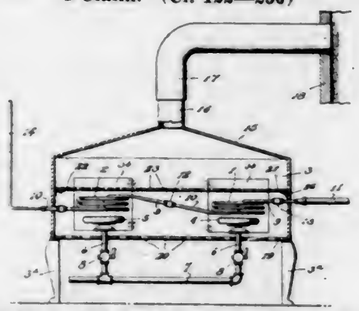
1. A welding flux comprising sodium borate, a paste material and a powdered nonferrous alloy composed chiefly of cobalt, chromium and tungsten.

2,060,949
COMBINED REAMING AND TAPPING TOOL
John W. Pace, Anniston, Ala., assignor to Alabama Pipe Company, Anniston, Ala., a corporation of Alabama
Application January 18, 1936, Serial No. 59,738
6 Claims. (Cl. 10—140)



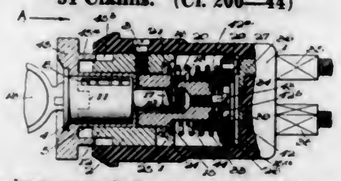
1. In a combined reaming and tapping tool, an elongated shank, a head removably secured to the shank, a bore axially of said shank and head, radially disposed channels in said head in communication with said bore, tap dies adjustably mounted in said channels, a longitudinally movable rod in said bore, a die expanding head on said rod, spring means yieldably holding said dies in engagement with said expanding head, manually operable means supported on said shank for moving said rod in one direction for adjusting said dies to operative position, work contacting means connected with said rod for moving the same in the opposite direction for adjusting said dies to inoperative position, radially disposed channels in said head between the first-mentioned channels, reaming cutters adjustably mounted in said last channels, rotatable adjusting means adjacent opposite ends of said head, and cooperating cam means on said reaming cutters and said rotatable adjusting means.

2,060,950
WATER HEATER
Rufus W. Pratt, Philadelphia, Pa.
Application April 25, 1935, Serial No. 18,225
1 Claim. (Cl. 122—250)



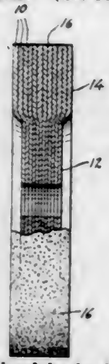
In a water heater, a housing having an outlet at its top and having a perforated bottom, a perforated partition extending horizontally in said housing in spaced relation to the top and bottom thereof, coils in said housing located between the partition and bottom of the housing and spaced from walls of the housing and also spaced from each other transversely of the housing and interconnected, one coil constituting a preheater and extending through an end wall of the housing and having an inlet adapted for connection with a water supply pipe and the other coil constituting a heater and having an outlet extending through the opposite end wall of the housing and adapted for connection with a distributing pipe, and burners in the housing under the coils having valve controlled feed pipes extending through the bottom of the housing and adapted for connection with a supply pipe.

2,060,951
KEY-OPERATED ELECTRIC SWITCH, PARTICULARLY FOR USE ON MOTOR VEHICLES
William Rae, Dumfries, Scotland, and Thomas Arthur Tisdell, Birmingham, England, assignors to Allen Rae & Company Limited, London, England, a British company, and Amal Limited, Birmingham, England, a British company
Application June 12, 1935, Serial No. 26,266
In Great Britain June 19, 1934
31 Claims. (Cl. 200—44)



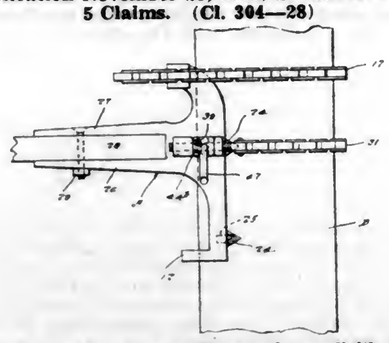
1. A key operated electric switch for use on motor vehicles and the like, comprising a cylinder lock, at least one rotatable control member mounted co-axially with said lock, and a slidable starter switch associated with the starter motor circuit of the vehicle, said lock being adapted to lock the movement of both said rotatable control member and said starter switch, and said starter switch being adapted to be automatically returned to its non-contacting position as soon as the operating force is released.

2,060,952
POLISHING WHEEL
Ray W. Springer, Detroit, Mich.
Application May 23, 1935, Serial No. 22,987
9 Claims. (Cl. 51—193)



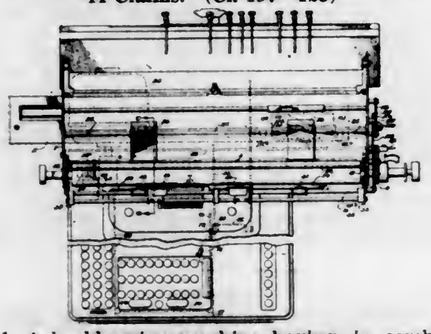
1. A polishing wheel body formed of a plurality of loosely, coarsely woven fibrous disks impregnated with a normally permanently tacky and resilient adhesive moisture resistant binder, said disks being compressed together into an integral wheel body with the binder filling the interstices of the disks and adhesively securing them together.

2,060,953
POLE SCAFFOLD
Algot Strom, Juneau, Alaska, assignor of one-half to J. Arch Bulger, Juneau, Alaska
Application November 25, 1935, Serial No. 51,509
5 Claims. (Cl. 304—28)



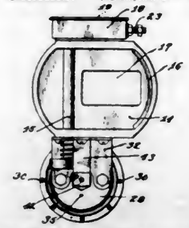
1. In combination with a pole scaffold characterized by a pole embracing frame a scaffold board carried by the frame, and a pole encircling chain carried by the frame of means for adjusting one end of the chain comprising a pair of spaced apertured bosses carried by the frame, a bolt connected to one end of the chain and having a threaded shank slidable in bosses, a ratchet gear formed with smooth portions on the margin of the periphery with teeth in between and threadedly mounted on an intermediate portion of the shank between the bosses, an operating member formed of a ring slidable on the smooth portions of the ratchet gear having a handle extending from the ring, and a rockable ratchet dog in the ring.

2,060,954
BOOKKEEPING MACHINE
Oscar J. Sundstrand, Rockford, Ill., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application May 9, 1932, Serial No. 610,043
44 Claims. (Cl. 197—128)



1. A bookkeeping machine having, in combination, a paper carriage, a platen mounted in the carriage for rotation on a fixed axis, a paper-holding frame pivoted on the carriage to swing toward and away from the platen, a detent tending to hold said frame in either of its two positions, a latch arm pivoted on the carriage, a link having a pin-and-slot connection with said latch arm and connected to said frame, a spring tending to swing the frame and latch arm toward each other, a bar pivoted on and extending longitudinally of the carriage, a lug on said bar arranged to engage and restrain the latch arm, a second lug on said bar arranged to be engaged by the latch arm and thus pivotally move said bar, means including a pivoted element for imparting line-space movements to the platen, a lever pivoted on said element, a third lug on said bar arranged to be engaged by said lever, a manipulative member, and means controlled by said bar for controlling said member.

2,060,955
AUTOMATIC STARTING MEANS FOR HYDROCARBON ENGINES
Benjamin A. Swennes, Rockford, Ill., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application November 11, 1932, Serial No. 642,173
2 Claims. (Cl. 290—38)



1. For use with a hydrocarbon engine having a fuel intake passage and adapted to be started by an electric motor controlled by means of an electric circuit, switch control means for a switch adapted to open and close such circuit, said switch control means including a movable switch operating member, a vane in operative connection with said operating member and disposed in said fuel intake passage in a manner providing for its movement in said passage by impetus of fuel therethrough, a pressure energized actuator device responsive to variations in pressure in said fuel intake passage, and an operative connection between said device and said switch operating member, the vane tending under such impetus of fuel to effect opening of said switch and the pressure device tending to effect opening of said switch in accordance with a decrease of pressure in said passage.

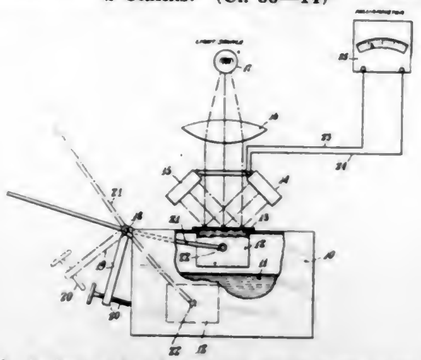
2,060,956
FILM ROLL
August Tanzen, Dessau-Haideburg in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
Application August 18, 1934, Serial No. 740,501
In Germany August 19, 1933
2 Claims. (Cl. 95—9)



1. A roll of photographic film which is to be separated into lengths comprising a centrally

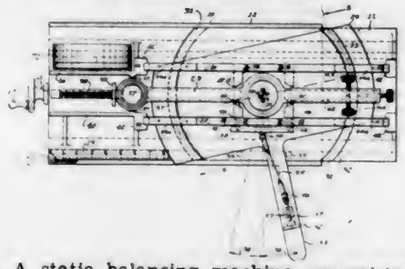
disposed longitudinal slit of substantial length and approaching at one end closely one side of said film, and at least two slits approaching the other end of said longitudinal slit and two of said last named slits approaching a different film side, to provide for subsequent separation of the film sections.

2,060,957
MECHANISM FOR MEASURING COLOR CHANGE
Cleo E. Tarvin, New York, and William G. Dodge, Flushing, N. Y., assignors to News Syndicate Co. Inc., New York, N. Y., a corporation of New York
Application January 25, 1934, Serial No. 708,182
2 Claims. (Cl. 88—14)



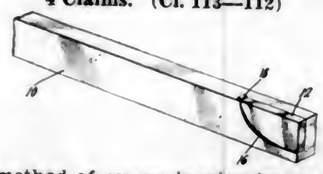
1. A device for determining the absorption of a liquid coloring medium by porous material, comprising a support for the porous material to be tested, photoelectric means for scanning the piece of material, a vessel movably mounted below the material and adapted to hold a confined mass of the liquid coloring medium, and means for moving said vessel upwardly towards said support so that the coloring medium in said vessel can be caused to contact with the porous material.

2,060,958
STATIC BALANCING MACHINE
John Leonard Taylor, Milwaukee, Wis.
Application December 5, 1932, Serial No. 645,675
14 Claims. (Cl. 73—51)



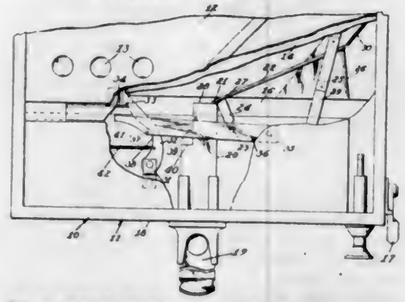
1. A static balancing machine, comprising a base, a carriage horizontally slidable on said base, a vertically adjustable table supported from said carriage, a work rest frame supported from said table, means for guiding said frame for upward movement relatively to said carriage, a column fixed with said carriage and extending vertically therefrom and a balancing cradle fulcrumed on said column, said frame being positioned to engage a work piece when raised and to relieve the fulcrum of the weight thereof.

2,060,959
PROCESS OF COPPER BRAZING
Robert Terry, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application October 29, 1934, Serial No. 750,517
4 Claims. (Cl. 113—112)



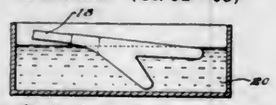
1. A method of copper brazing two metals together comprising packing the space between the two with a paste of a vehicle and particles, placing a piece of copper adjacent the space, applying heat to decompose the vehicle first and later cause the molten copper to be soaked into the voids left by the vehicle, the mass being held by the particles until solidification.

2,060,960
GAME APPARATUS
Walter A. Tratsch and Bernhard C. Grunig, Chicago, Ill.
Application May 15, 1935, Serial No. 21,494
2 Claims. (Cl. 194—1)



2. In a game apparatus, the combination of: a cabinet including an inclined playing board having a ball exit opening therein; a member slidably mounted in the said cabinet below said playing board and adapted to temporarily retain therein a ball which enters into said exit opening; means normally latching said second-named and ball-retaining member against operation; a lever for releasing said latching means, and a coin-controlled member slidably mounted in a wall of said cabinet for operating said lever to release said latching means from latching engagement with said ball-retaining member and for moving the latter into ball-releasing position.

2,060,961
ARTICLE OF WEARING APPAREL AND METHOD OF PRODUCING
Neil E. Tillotson, Watertown, Mass.
Application April 6, 1935, Serial No. 15,023
3 Claims. (Cl. 91—68)



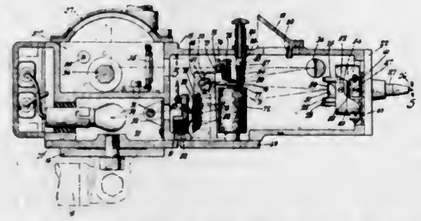
1. The method of producing a glove, mitten or the like which consists in first forming the article of textile material with the desired shape and

form, holding the article thus produced in a distended condition for impregnation purposes, and thereafter partially submerging the article palm down with the thumb portion projecting downward below the remainder of the article in a manner to be completely submerged and enveloped by latex.

2,060,962
PRODUCTION OF PLAY BALLS
Douglas Frank Twiss, Wylde Green, Birmingham, and William McCowan, Kings Heath, Birmingham, England, assignors to Dunlop Rubber Company Limited, London, England, a British company
No Drawing. Application April 6, 1934, Serial No. 719,298. In Great Britain May 19, 1933
13 Claims. (Cl. 18—58)

1. A method for the production of play balls, for example, tennis balls, which comprises introducing into hollow spherical molds predetermined amounts of aqueous dispersions of rubber material, closing the molds, subjecting the molds to rotation about a variable axis, and coagulating the aqueous dispersions aforesaid during rotation by reducing said dispersions below the freezing point of the dispersing medium.

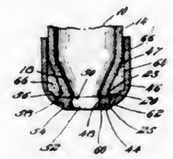
2,060,963
VIBRATION INDICATING DEVICE
Thomas C. Van Degrift, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application January 17, 1934, Serial No. 707,039
16 Claims. (Cl. 73—51)



1. In a vibration indicating device, an oscillatory mirror, and a feeler member for operating the same; a source of light; a rotating mirror having a plurality of plane faces; an angularly movable mirror; means for operating said angularly movable mirror in definitely timed relation with said rotating mirror; and a stationary observation mirror; the arrangement being such that a beam of light emanating from said source is reflected by said oscillatory mirror to said angularly movable mirror, and from said angularly movable mirror toward either said observation mirror or said rotating mirror.

16. In a vibration indicating device, an oscillatory mirror, and a feeler member for operating the same; a source of light arranged to illuminate said mirror; a rotating mirror having a plurality of plane faces and which mirror is arranged to receive a beam of light emanating from said source and reflected by said oscillatory mirror, and to reflect said beam onto a photographic film; means driven by and in unison with a running mechanism the vibration of which is to be investigated for operating said rotating mirror; and means operated by said rotating mirror operating means for interrupting the beam of light emanating from said source.

2,060,964
FUNNEL FOR USE IN SPINNING RAYON AND OTHER SYNTHETIC THREADS
George J. Wider, Floral Park, N. Y., assignor to Dreher Bros. & Wider, New York, N. Y., a firm composed of Jacob Dreher, Otto Dreher, and George J. Wider, copartners
Application July 20, 1935, Serial No. 32,411
17 Claims. (Cl. 117—27.5)



1. A funnel for use in spinning rayon or other synthetic filament, comprising a tube having a conical mouth and an extended spout and a constricted lower end terminating in a head having a flattened lower end and adapted to receive the filament through the conical mouth thereof and feed it substantially at right angles radially from the constricted lower end thereof to the inner surface of the side wall of a hollow cylindrical rotating spinning pot, a hollow annular tip for said funnel having an inner surface shaped to at all times contact the filament fed therethrough and rounded upper and lower ends and an outer wall tapering downwardly, said tip being constructed of a material having a hard wear-resistant surface and a substantially chemical proof composition hollow cylindrical cap having the inner surface cooperatingly tapered downwardly at the lower end thereof to abut the upper portion of the tapered surface of the outer wall of said tip to compress said tip against the flattened lower end of said bead on the funnel lower end to permit the lower portion thereof to project below the lower end of said cap and the remainder of the inner surface thereof shaped to substantially abut the outer wall of the lower end of said spout rigidly secured to said spout outer wall.

2,060,965
MANUFACTURE OF OIL SOLUBLE PHENOLS
Charles P. Wilson, Jr., Houston, Tex.
No Drawing. Application August 15, 1934, Serial No. 739,935
9 Claims. (Cl. 260—154)

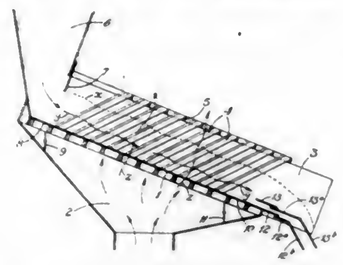
1. A process for the preparation of oil-soluble phenols, which comprises condensing a phenol with a sulfur dioxide extract of a hydrocarbon oil in the presence of heat and dilute sulfuric acid, whereby substituted derivatives of said phenol containing components of said extract as substituted groups, are formed.

5. A mixture of oil-soluble phenols, consisting essentially of a condensation product of a phenol and a sulfur dioxide extract of a hydrocarbon oil, said phenols containing components of said extract as substituted groups.

2,060,966
APPARATUS FOR THE PNEUMATIC SEPARATION OF MATERIALS
François Allard, Mont-sur-Marchienne, Belgium
Application January 8, 1935, Serial No. 824
In France January 16, 1934
9 Claims. (Cl. 209—474)

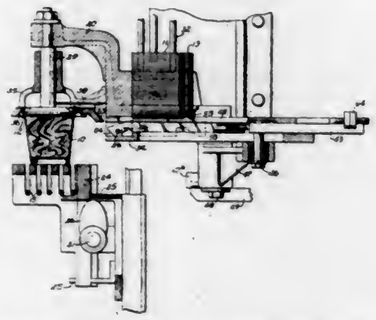
1. An apparatus for the pneumatic separation of coal, ores and the like, comprising in combina-

tion a stationary inclined table, said table having perforations in its inclined surface, means for blowing air through the perforations in said



table, and parallel bars on said table inclined upwardly towards the delivery end of said table, each of said bars being surrounded with perforations.

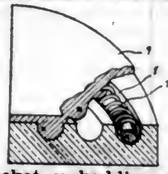
2,060,967
CAPPING MECHANISM
Swan F. Anderson, Rockford, Ill.
Original application September 30, 1932, Serial No. 635,482. Divided and this application November 1, 1934, Serial No. 750,950
6 Claims. (Cl. 226—92)



1. The combination of capping mechanism operating periodically to apply caps one by one to a succession of containers presented thereto, means for moving containers one by one into operative association with said mechanism, means supporting a stack of caps, a member movable periodically across one end of said stack to withdraw the terminal cap therefrom and feed the cap into said mechanism, cam means acting during movement of a cap into said mechanism to move said member and said caps relative to each other out of engaging relation, a part movable transversely of the direction of movement of said cap as an incident to application of the cap to a container, and cam means actuated by said part for restoring the normal relation between said caps and said member.

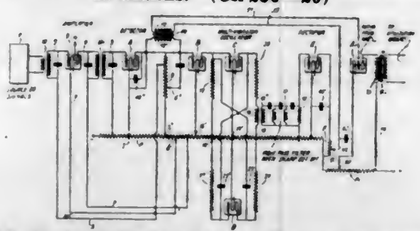
2,060,968
ELECTRIC HEATING DEVICE AND METHOD OF MAKING SAME
Bjorn Oscar Beck and Hubert L. Beck, Chicago, and Cecil H. Gunthorp, Des Plaines, Ill.
Application February 4, 1933, Serial No. 655,154
4 Claims. (Cl. 219—37)

2. An electric heating device comprising a core, an electric conductor around said core and having a solid coating of an electrically non-conductive and heat conductive ceramic substance, and



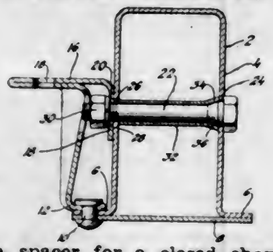
a cast metal jacket embedding and sealing said coated conductor and said core therein and being bonded thereto to form an integral unit.

2,060,969
AUTOMATIC VOLUME CONTROL WITH NOISE SUPPRESSOR
George L. Beers, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application March 15, 1933, Serial No. 660,885
15 Claims. (Cl. 250—20)



15. In an electrical wave transmission system including a wave transmission tube, a demodulator and a utilization network, means responsive to wave amplitude variations for automatically varying the wave transmission efficiency through said tube in a sense to maintain the wave amplitude substantially uniform at the demodulator input, an oscillation producing network constructed and arranged to be responsive in frequency to variations in wave amplitude, and frequency discriminating means, responsive to a predetermined change in frequency of said oscillation network, for regulating the transmission efficiency to said utilization network.

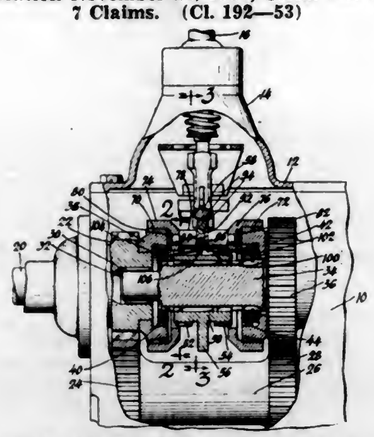
2,060,970
SPACER
Clements G. Belden, Royal Oak, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application January 13, 1936, Serial No. 58,914
2 Claims. (Cl. 189—34)



1. In a spacer for a closed channel having openings in the opposite sides thereof, one opening being larger than the other, a spacer tube adapted to extend through the larger opening only and across the channel to the opposite side around the smaller opening, a bolt surrounded

by the spacer tube, a cut out portion at the edge of the smaller opening, a tongue on the tube adapted to fit in the cut out portion, and means operative when the bolt is tightened to cause the end of the tube adjacent the larger opening to expand and contact the edges of the inside of the channel adjacent the opening.

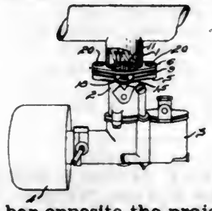
2,060,971
SYNCHRONIZING CLUTCH MECHANISM
Roscoe Beringer, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application November 14, 1935, Serial No. 49,686
7 Claims. (Cl. 192—53)



1. In variable speed power transmission mechanism, the combination of a shaft; an axially fixed positive clutch element capable of rotation independently of the shaft around the axis thereof; a positive coupling element slidable axially on but rotatably fixed to said shaft, said element having openings therein the axes of which are substantially parallel with the axis of said shaft; a friction clutch element rigid with said axially fixed positive clutch element; an axially movable friction clutch element cooperating with said friction clutch element that is rigid with the axially fixed positive clutch element; pins rigidly connected with said axially movable friction clutch element, each pin having a cross-sectional dimension adapted to provide a sliding fit in one of the openings in said slidable coupling element, and also a reduced portion forming opposite checking surfaces and limiting relative angular movement between the slidable positive clutch element and the axially movable friction clutch element, and leaf springs attached to the slidable positive clutch element to move axially therewith said springs having means to engage said pins and resist independent axial movement of the slidable positive clutch element with respect to the slidable friction coupling element.

2,060,972
GAS MIXER
Frank X. Bonem and Roy W. Bonam, Detroit, Mich.
Application September 20, 1934, Serial No. 744,769
5 Claims. (Cl. 48—180)

5. In a device of the character described, a member having a central opening, a flat sheet metal bar extending diametrically across the central opening, one end of the bar being provided with a projection and said member having a recess in communication with the central opening in which the end of the bar lies, the said member being provided with an air intake port normally closed by the projection of the bar, a coil spring



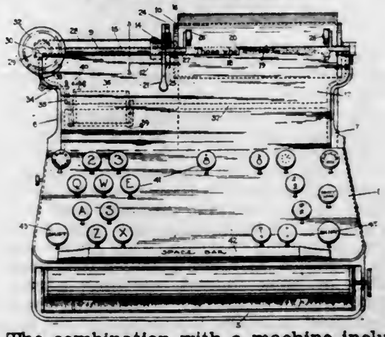
engaging the bar opposite the projection and resisting movement of the bar by air flow through the said central opening of the member and said air intake port being in communication with the central opening of said member.

2,060,973
GAME APPARATUS
Thomas E. Brown, Jr., Tuxedo, and Shortridge Hardesty, Larchmont, N. Y.
Application January 12, 1935, Serial No. 1,472
10 Claims. (Cl. 273—152)



1. In game apparatus for use with a plat simulating a playing field, and an element movable thereover to indicate the results of the plays: two decks of cards, each of which has a legend thereon defining different plays and the cards of one deck having in addition to said legends indicia setting forth various results of the plays, the cards of the other deck being apertured and adapted to be manually superposed over the indicia-bearing cards and when so located affording through the aperture instructions for repositioning the said movable element.

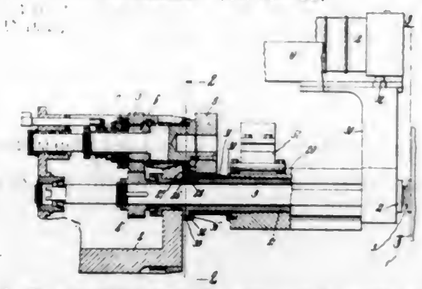
2,060,974
EDUCATIONAL DEVICE
John P. Buckley, Washington, D. C.
Application March 29, 1935, Serial No. 14,615
17 Claims. (Cl. 35—5)



1. The combination with a machine including a key board and a paper carrier shiftable transversely of the machine, of means for controlling

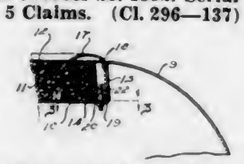
movement of the carrier in one direction including an electro-magnet, a circuit for said magnet including a stationary contact, contacts movable toward the stationary contact when keys of the key-board are depressed, and a strip of insulating material movable between the stationary contact and movable contacts and formed with openings to successively expose portions of the stationary contact under predetermined movable contacts as the strip is moved across the stationary contact.

2,060,975
MULTIPLE SPINDLE MACHINE
Frank L. Cone, Windsor, Vt.
Application April 8, 1935, Serial No. 15,187
8 Claims. (Cl. 29—38)



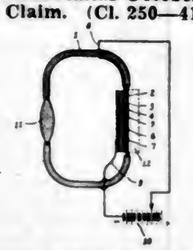
1. In a multiple spindle machine, a turret journaled for indexing rotation about an axis, a support substantially coaxial with said turret and extending beyond one face thereof, a plurality of spindles in said turret arranged substantially parallel to said axis and arranged therearound in circular array, a slide mounted on said support, devices carried by said slide for cooperation with and angularly spaced corresponding to said spindles, and means cooperating with said turret for adjusting said support transversely of said axis adjacent to said turret.

2,060,976
MOLDING FOR AUTOMOBILE ROOFS AND MEANS FOR SECURING SAME
Orley J. Crowe, Detroit, Mich., assignor to Heron-Zimmers Moulding Company, a corporation of Illinois
Application October 26, 1932, Serial No. 639,652
5 Claims. (Cl. 296—137)



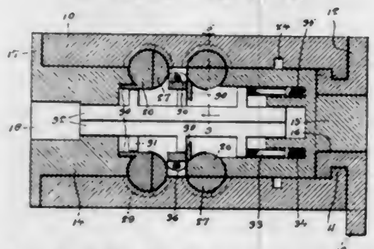
1. The combination of a molding for an automobile roof and means to secure the molding in position comprising a flange member extending inwardly of the roof quarter panels to define a roof opening, said flange having a plurality of slots extending therethrough, a roof panel adapted to fill said opening, the edges of which panel being supported by said flange, a molding having a projecting lip extending inwardly over the marginal edge of the roof panel, and having a downwardly extending portion, the lower edge of which is folded to form a continuous groove, a plurality of hook shaped fastening devices extending upwardly through the slots in the flange member, and engaging the groove of the molding in interlocking relation therewith, and means to secure said fastening devices in fixed position on the underside of the flange member.

2,060,977
PHOTOELECTRIC DEVICE
Jan Hendrik de Boer, Willem Christian van Geel, and Marten Cornelis Teves, Eindhoven, Netherlands, assignors to Radio Corporation of America, a corporation of Delaware
Application October 28, 1931, Serial No. 571,562
In the Netherlands October 28, 1930
1 Claim. (Cl. 250—41.5)



A photoelectric device comprising a transparent envelope having a flat vitreous wall, an electrode comprising a transparent layer of silver on said flat wall, a transparent layer of a fluorescent zinc salt on said silver layer, a transparent semi-insulating layer of barium oxide on said fluorescent layer, and a transparent cooperating photoelectrode of barium on said semi-insulating layer.

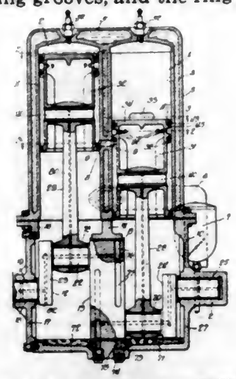
2,060,978
ADJUSTABLE TUMBLER LOCK
Leo E. Deutsch, Hammond, Ind., assignor to Marshall William Deutsch, Hammond, Ind.
Application April 23, 1934, Serial No. 722,011
Renewed April 13, 1936
17 Claims. (Cl. 70—70)



8. A lock of the kind described comprising a casing, a rotatable barrel fitted in said casing, spring tensioned tumblers at one side of the barrel and housed by both the barrel and casing and rotatable on axes at right angles to the longitudinal axis of the latter for holding said barrel fixed, and a plurality of actuator bars independently slidable longitudinally of said barrel and coacting with the tumblers to release the said barrel with relation to the casing.

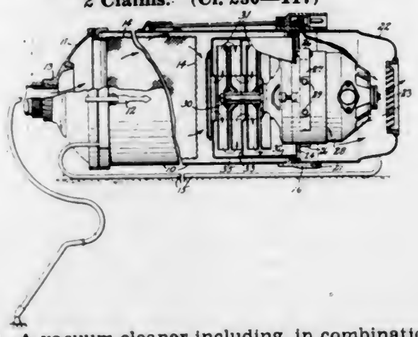
2,060,979
INTERNAL COMBUSTION ENGINE
John A. Dienner, Evanston, Ill., assignor of one-half to Herbert E. Bucklen, Elkhart, Ind.
Application September 24, 1931, Serial No. 564,786
9 Claims. (Cl. 123—47)

1. In a piston, a pair of ring grooves disposed substantially at opposite ends of the piston, the piston having openings through the side walls thereof adjacent the top groove, a ring in each groove, the top ring acting as a valve to permit the flow of gas from inside the piston through said openings to a point above the piston, there being a longitudinal depression in the wall of the piston forming a passageway disposed between said ring grooves, and the ring in the lower



groove acting as a valve to permit the flow of gas from said longitudinal depression to a point below the piston.

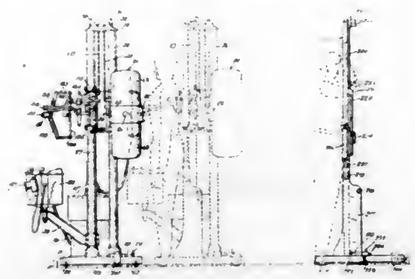
2,060,980
VACUUM CLEANER
Lars Ell, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del., a corporation of Delaware
Application September 8, 1934, Serial No. 743,314
In Germany September 26, 1933
2 Claims. (Cl. 230—117)



1. A vacuum cleaner including, in combination, a casing, an electric motor having an armature shaft, an annular supporting member, resilient means for securing said motor to said member, a fan rotor on said shaft, a housing around said fan rotor having a cylindrical portion, an outwardly extending annular flange on said cylindrical portion adjacent to said annular supporting member, a ring of resilient material for supporting said annular supporting member and said annular flange, and means for securing said ring in said casing, whereby the motor and housing are resiliently supported with respect to the casing and with respect to each other.

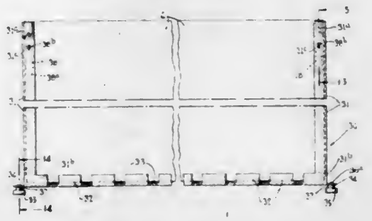
2,060,981
COMBINED X-RAY AND FLUOROSCOPIC APPARATUS
Herman G. Fischer, Peter P. Musket, and Howard H. Osborn, Chicago, Ill., assignors to H. G. Fischer & Company, Inc., Chicago, Ill., a corporation of Illinois
Application December 7, 1933, Serial No. 701,300
19 Claims. (Cl. 250—34)

1. In an X-ray machine, the combination of an X-ray tube, a housing for the same, a carrier for the housing, a support on which said carrier is mounted, flexible insulated conductors extending to the terminals of the X-ray tube, said conductors being supported in the carrier, and means for preventing twisting of the flexible insulated conductors relatively to each other and to the carrier in the interior of the same.



18. In an X-ray machine having a support, an X-ray tube mounted on said support, and a table movable relative to said support; a member movably mounted on said table, and means for locking said member to said support, said means permitting movement of said table relative to said support.

2,060,982
ADVERTISING CARD DISPLAY SIGN
Edward Fish, New York, N. Y.
Application May 18, 1936, Serial No. 80,259
9 Claims. (Cl. 40—36)

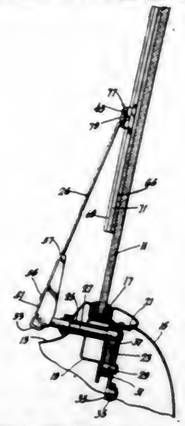


1. In a device of the character described, a carrier for an advertising card comprising spaced uprights interconnected by links, said uprights and links having channels for receiving edge portions of the card.

2,060,983
WINDSHIELD WIPER ARM
William J. Foster, Flint, Mich., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application August 21, 1933, Serial No. 686,048
4 Claims. (Cl. 15—255)

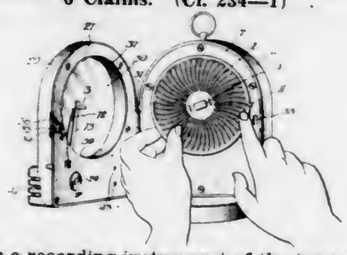
1. For use in cleaning a windshield, a rockshaft, an arm, a blade carried by one end of said arm, said rockshaft having at one end an axially elongated groove with an axially elongated bottom wall, the other end of said arm swingingly mounted in said groove and engaging the bottom wall thereof, a cover member secured to said arm and covering the end of said rockshaft, yielding means operably connected to said rockshaft and cover

so positioned as to rock said arm together with its swingingly mounted end in the radial plane of the



groove and in a direction to cause the blade to contact the windshield.

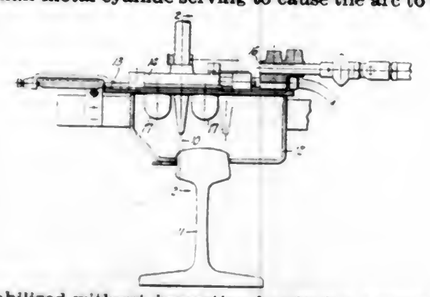
2,060,984
RECORDING INSTRUMENT
Robert E. Fraher, Chicago, John M. Butler, Evanston, and Albert E. Hendricks and Carl E. L. Lipman, Chicago, Ill., assignors to Practical Instrument Company, Chicago, Ill., a corporation of Illinois
Application May 18, 1932, Serial No. 612,100
6 Claims. (Cl. 234—1)



6. In a recording instrument of the type wherein a revolving chart operated by clockwork is traversed by a marker, a housing element containing said clockwork, said element having a clock and chart carrying closure plate provided with a hinge part, and a recessed cover housing element having a marker-carrying plate provided with a hinge part, said hinge parts being pivotally jointed so that the plates may be positioned in substantially parallel adjacent planes, the housing elements being removably secured to said plates on their non-adjacent faces so that when the plates are in the parallel adjacent planes aforesaid the housing elements form a closed housing.

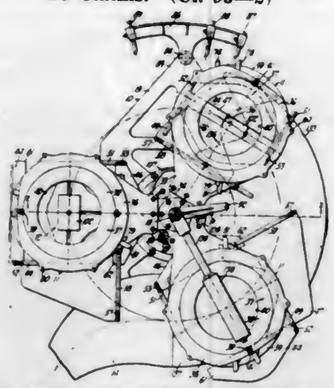
2,060,985
RAIL HEATING METHOD
Royal E. Frickey, San Francisco, Calif., assignor to Welding Service, Inc., San Francisco, Calif., a corporation of California
Application May 21, 1934, Serial No. 726,631
4 Claims. (Cl. 219—15)

4. In a method of heating railroad rails preparatory to hardening by chilling, sprinkling a granulated powder over a limited area of the upper surface of the rail to be heated, the powder containing an alkali metal cyanide, and then traversing an electric arc over said area, the alkali metal cyanide serving to cause the arc to be



stabilized without imparting hardening agents to the rail metal.

2,060,986
WRAPPING MACHINE
Rene J. Gaubert, Oakland, Calif.
Application July 2, 1934, Serial No. 733,393
15 Claims. (Cl. 93—2)

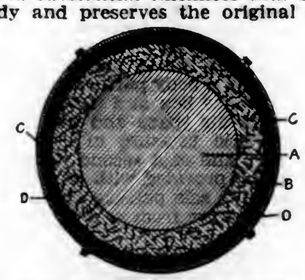


1. In a wrapping machine, an upright standard, a wrapper-applying head assembly serving to embrace an article to be wrapped, means extending laterally from the standard serving to rotatably support the assembly for rotation about the standard, said assembly including movable wrapper-folding members, means co-operating with the assembly for transposing into the assembly an article to be wrapped, said last means being likewise carried by the standard below the head assembly and rotatable together with said assembly, and means including stationary trip fingers for actuating said folding members of the assembly during rotation of the assembly about the standard.

2,060,987
PLAY BALL
John H. Grady, St. Louis, Mo., assignor to J. H. Grady Manufacturing Company, St. Louis, Mo., a corporation of Missouri
Application February 23, 1933, Serial No. 657,936
2 Claims. (Cl. 273—60)

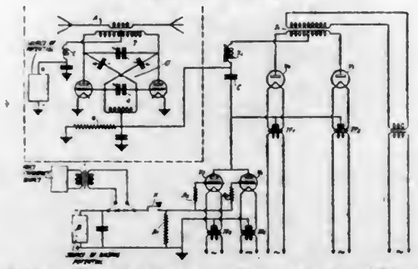
1. An indoor or playground ball, comprising a spherical body constituting the major portion of the bulk of the ball and having a diameter only slightly less than the over-all diameter of the ball, said body being of such a character or nature, that in the absence of a protecting medium for said body, the normal use of the ball would cause said body to quickly break down or

lose its shape, and a resilient shell of definite shape and substantial thickness that surrounds said body and preserves the original spherical



form of same, said shell being formed by winding around said spherical body, yarn that is coated with latex prior to the winding operation.

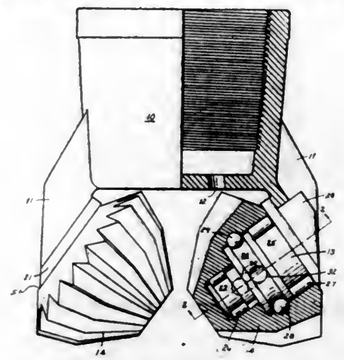
2,060,988
KEYING
Clarence W. Hansell, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application May 24, 1933, Serial No. 672,529
1 Claim. (Cl. 250—17)



A signalling device comprising, a pair of thermionic tubes having their control grids connected by an alternating current circuit including an inductance, a resistance connected between the electrical center of said inductance and the cathodes of said tubes, said resistance being of such a value that the potential on the control grid of said tubes due to grid rectification of alternating currents in said alternating current circuits permits said tube to repeat or amplify said alternating current, and means for altering the operativeness of said tube at signal frequency comprising, a direct current path in parallel with said resistance, said path including a pair of rectifiers having their anodes connected to the electrical center of said inductance and their cathodes connected to the anodes of a pair of modulating tubes, the cathodes of which modulating tubes are connected to the cathodes of said first named tubes and a source of modulating potentials connected between the control grid and cathodes of said modulating tubes.

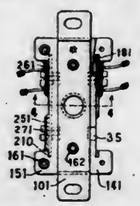
2,060,989
CUTTER MOUNTING
George G. Harrington, Houston, Tex., assignor to Reed Roller Bit Company, Houston, Tex., a corporation of Texas
Application May 2, 1935, Serial No. 19,379
11 Claims. (Cl. 255—71)

1. A bit having a head, a spindle carried by said head, a roller cutter on said spindle; said spindle and cutter having raceways and bores registrable with each other, the spindle bore communicating with the spindle raceway, and rolling bearings insertable thru said bores into



said raceways to rotatably lock said cutter on said spindle, said cutter bore being remote from said cutter raceway.

2,060,990
ELECTRIC FIXTURE
Francis J. Hines, Brooklyn, N. Y., assignor to Hines Electrical Specialties, Inc., a corporation of New York
Application September 3, 1931, Serial No. 560,965
5 Claims. (Cl. 173—330)

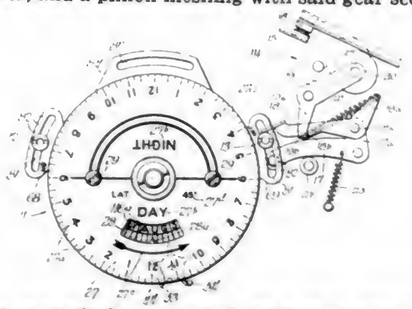


2. A fixture support comprising an insulating body having recesses in the opposite side faces communicating with recesses in the front face, means to support a fixture from the front face, bus bars formed of strips, each bar having one of its ends mounted in one of said side recesses facing away from the sides of the body and its other end in one of said front recesses facing toward the front of said body, each bus bar having a binding screw in each exposed end face, and a supporting strap secured to the insulating body and having a projecting lug at each end.

2,060,991
ASTRONOMIC DIAL FOR TIME SWITCHES
Frederick C. Holtz, Springfield, Ill., assignor to Sangamo Electric Company, Springfield, Ill., a corporation of Illinois
Application May 12, 1933, Serial No. 670,704
11 Claims. (Cl. 200—38)

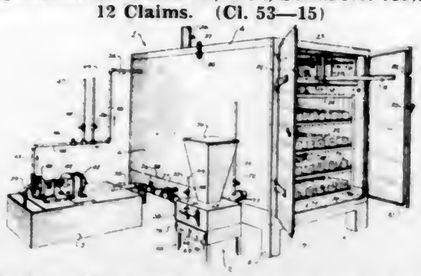
1. In time switch actuating mechanism, the combination of a time controlled rotary head, a swinging arm mounted on said head and movable relatively thereto, a switch actuator carried by said arm, a cam mounted on said head and rotatable relatively thereto, means for causing rotation of said cam relatively to said head, a J-shaped cam follower having its upper end pivotally mounted on said rotary head, a follower member projecting from an intermediate portion of said follower and engaging with the outer periphery of said cam, an internal gear sector with-

in the curved portion of said J-shaped cam follower, and a pinion meshing with said gear sector



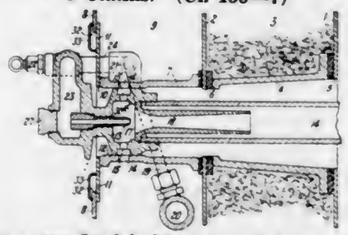
and operatively connected with said swinging arm.

2,060,992
COOKER
Robert M. Jackson, Portland, Oreg., assignor to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
Application December 29, 1934, Serial No. 759,612
12 Claims. (Cl. 53—15)



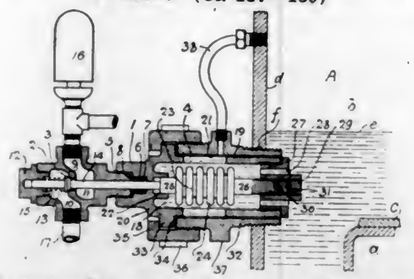
1. A meat treatment device comprising a chamber, means for the introduction of fluid near the top of said chamber, means disposed below said fluid introduction means for the introduction of fluid, a perforated steam pipe for the introduction of steam, a smoke box, a smoke inlet pipe leading from said smoke box to said chamber and a steam inlet pipe provided with a nozzle within said smoke inlet pipe.

2,060,993
GAS-FIRED BAKING OVEN
George Keith, London, England, assignor to James Keith & Blackman Company Limited, London, England, a company of Great Britain
Application November 19, 1935, Serial No. 50,493
In Great Britain November 1, 1934
3 Claims. (Cl. 158—7)



1. In a gas-fired baking oven having an inner wall and an outer wall, an open-ended distance box interposed between said walls, a third wall forming with said outer wall an air space, an open-ended distance box interposed between said third wall and said outer wall, said second mentioned distance box aligned with said first mentioned distance box, a tubular gas burner extending through said distance boxes into the interior of the oven, an injector for supplying a mixture of gas and air to said burner, said injector comprising a body part within said second mentioned distance box and means for supplying air to said air space and for maintaining super-atmospheric pressure in said air space, said body part and said second mentioned distance box being provided with registering apertures forming the sole passage for air at super-atmospheric pressure from said air space to said body part.

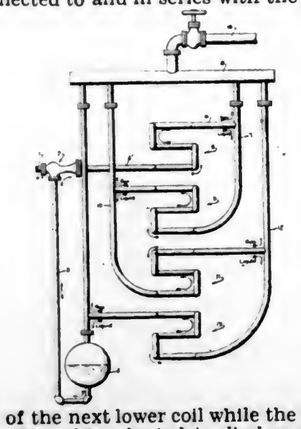
2,060,994
THERMOSTATIC VALVE
Julius Kindervater, Richmond, Va., assignor to American Locomotive Company, New York, N. Y., a corporation of New York
Application April 20, 1935, Serial No. 17,470
1 Claim. (Cl. 137—139)



A device for moving the stem of a fluid-controlling valve, comprising a casing having means at its outer end for securing thereto the housing of said valve and having an opening in said end for receiving said stem; means for sealing said opening and for permitting said stem to extend therethrough in sealed sliding engagement therewith for preventing egress and ingress of fluid from and to said casing; a thermostat member disposed in said casing, adapted for operable response to temperature differences in the contents of a fluid container, having a floating end adapted for operable engagement with the end of said stem; a support in the opposite end of said casing for supporting the opposite end of said member; means for adjusting the position of said opposite end of said member in a direction longitudinally of said member relative to said support whereby said floating end of said member will be adjusted for positioning same relative to said end of said stem for operation of said valve by said member; a plug-like member adapted for attachment to a wall of said container, said plug-like member being hollow and said casing being housed therein; and detachable means for securing said casing to said plug-like member in fluid-tight connection therewith, said device being provided with an opening for communication with said container for receiving fluid therefrom.

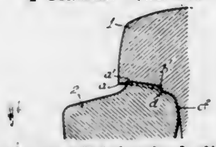
2,060,995
MULTIFEED COIL
George M. Kleucker, St. Louis, Mo.
Application September 11, 1933, Serial No. 689,013
2 Claims. (Cl. 62—126)

2. A multi-feed evaporator comprising, in combination, a plurality of superimposed separated coils, means for initially feeding liquid to the lower portion of the uppermost coil and for discharging combined gas and liquid from the uppermost portion thereof thereby to effect a positive circulation of liquid progressively through the entire cross-sectional area of said latter coil, a vertical pipe connected into said uppermost portion whereby refrigerant gas flows upwardly through said vertical pipe and the liquid flows downwardly therethrough, said vertical pipe being connected to and in series with the lowermost



portion of the next lower coil while the uppermost portion thereof is adapted to discharge refrigerant gas and liquid thereby to effect a positive circulation of liquid progressively through the entire cross-sectional area of said latter coil, and another vertical pipe connected to said latter uppermost portion whereby refrigerant gas is conducted away from said coil in one direction and liquid is conducted away in another direction.

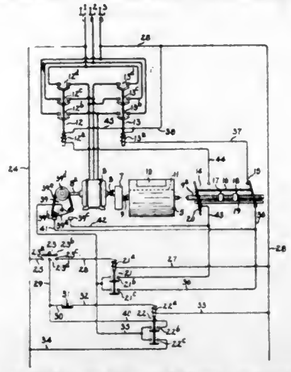
2,060,996
RAIL JOINT
George Langford, Joliet, Ill., assignor to McKenna Process Company of Illinois, Joliet, Ill., a corporation of Illinois
Original application May 1, 1935, Serial No. 19,158. Divided and this application December 2, 1935, Serial No. 52,526
4 Claims. (Cl. 238—243)



1. In a worn rail joint including worn rail ends of ordinary type, a bar comprising a central portion with its top surface in fishing contact with the under side of the heads of the worn rail ends and with its top inner fillet in contact with the bottom at least of the corresponding rail head fillet, said top surface of said central portion of the bar being raised to above normal fishing height, and said inner fillet being of normal and uniform height throughout the center portion and end portions of the bar.

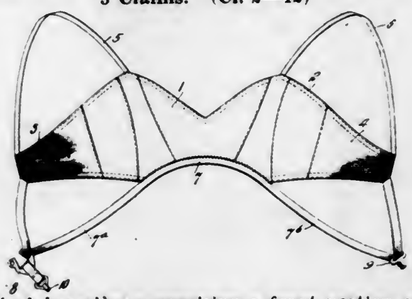
2,060,997
ELECTRIC MOTOR CONTROL
Ralph G. Lockett, Wauwatosa, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application October 12, 1935, Serial No. 44,643
10 Claims. (Cl. 172—240)

1. In a control system of the character described, in combination, a substantially cylindrical container rotatable upon a horizontal axis, said container having therein an amount of amorphous material less than that required to completely fill the same, a reversible electric motor having a driving connection with said container, means for completing an energizing circuit for said motor whereby said container is rotated in one direction, means including a limit switch operable automatically to effect interruption of said motor circuit, said container being thereupon adapted to coast pending attainment of zero speed of rotation thereof in the direction aforementioned, whereupon the position of the



material within said container serves to automatically initiate rotation of the latter in the reverse direction, a switch comprising a stationary contact and an oscillatable contactor, and means including a frictional driving connection between said container and said contactor whereby the latter is engaged with said contact immediately upon reversal of the former in the manner aforementioned, said contactor when engaged with said contact being adapted to effect completion of an alternative energizing circuit for said motor whereby the latter is adapted to drive said container in the reverse direction thereof so initiated.

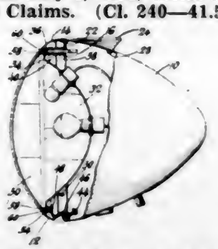
2,060,998
BRASSIÈRE
Marie Martin, Riverside, Ill., assignor to The H. W. Gossard Company, Chicago, Ill., a corporation of Delaware
Application December 16, 1935, Serial No. 54,564
5 Claims. (Cl. 2—42)



4. A brassière comprising a front portion constituting bust pockets and end sections extending only part way around the body so as to leave the back of the wearer substantially exposed, elastic shoulder straps secured to said bust pockets and to said end sections, a continuous elastic band secured to the lower central front

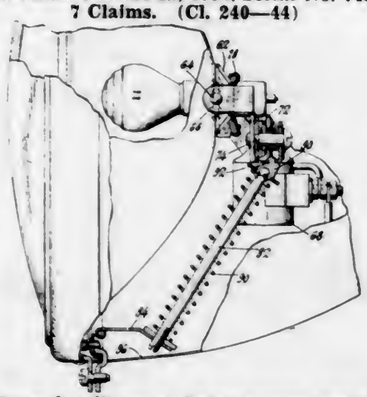
portion of said brassière and having its ends extending beyond said front portion and connected to the respective end sections of the brassière to form elastic loops adapted to meet at the back of the body, means for connecting said elastic loops together at the back of the body, and means for securing said elastic loops to a girdle or the like to exert a downward tension on said loops and an uplift on said bust pockets.

2,060,999
DOORLESS HEAD LAMP
Clarence A. Michel, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application May 4, 1934, Serial No. 723,834
6 Claims. (Cl. 240—41.5)



1. In a headlamp, a housing, a ring-like member secured within the housing and provided with apertured semi-enclosing spring seats, springs in the seats partially surrounded thereby, a reflector and an apertured flange, expansible ring clips passing through the apertures in the reflector flange and in the spring seats adapted to hold the reflector and springs in assembled relation to the ring-like member.

2,061,000
REFLECTOR OR BULB SHIFTING MECHANISM FOR HEAD LAMPS
Clarence A. Michel and Scott R. Conwell, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application October 12, 1934, Serial No. 748,042
7 Claims. (Cl. 240—44)



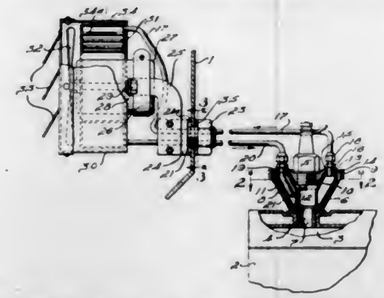
1. In a headlamp a light source, means for mounting the light source for adjustment within the headlamp, means for shifting the position of the light source comprising a cam, spring means for resiliently holding the light source mounting in engagement with the cam, step by step means for actuating the cam, a pivotal mounting for said light source shifting means, and means for adjusting the position of said last-named mounting comprising an adjustable thrust member having one end engaging the mounting and the other end accessible for manipulation from outside of the headlamp.

2,061,001
FOUR-SECTION REFLECTOR
Clarence A. Michel, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application September 3, 1935, Serial No. 38,955
1 Claim. (Cl. 240—41.36)



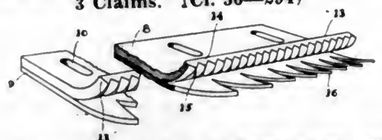
In a reflector for headlamps, a shell formed of a plurality of superimposed, transverse, parabolic, plain zones having their focal points spaced apart, the focal points for the three upper zones lying in a straight line, the focal point for the lowest zone lying below this line, the axes for each of these zones slanting downwardly, the axes for the three upper zones being rotated about their focal points and the axis for the lowest zone rotated about the line forming the junction between two zones.

2,061,002
GENERATOR FOR USE WITH INTERNAL COMBUSTION ENGINES
Charles E. Morley, Detroit, Mich.
Application June 21, 1934, Serial No. 731,682
5 Claims. (Cl. 122—24)



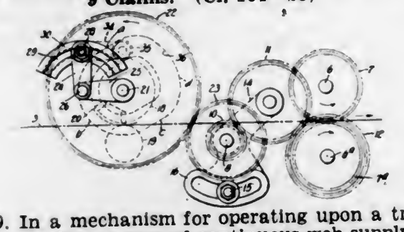
1. The combination with an internal combustion engine having a cylinder and a spark plug opening for the cylinder, of a casing provided with a tubular extension threaded into the spark plug opening, a spark plug mounted in the casing and communicating with the cylinder through the tubular extension of the casing, an annular water tank mounted in the casing about the spark plug and having an opening in the center between the tubular extension and the spark plug, an inlet and an outlet conduit and means associated therewith for supporting the water chamber in spaced relation with the wall of the casing, the inlet and outlet conduits opening into the water chamber.

2,061,003
LAWN MOWER
Carl E. Nelson, Moscow, Idaho
Application August 16, 1935, Serial No. 36,523
3 Claims. (Cl. 56—294)



1. The combination in a lawn mower with a rotary cutting reel having spirally arranged blades, of a cutter bar having a flat, continuous face extending the full length of the bar disposed tangentially of said blades, and said bar having front cutting teeth below of said face for co-action with the blades.

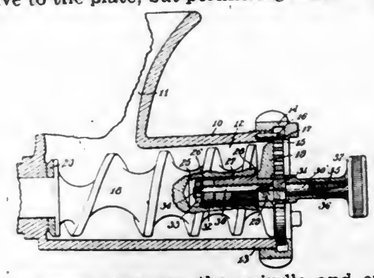
2,061,004
MANUFACTURE OF ENVELOPES, BAGS, OR OTHER CONTAINERS
Abraham Novick, Flushing, N. Y., assignor to F. L. Smithe Machine Co., Inc., New York, N. Y., a corporation of New York
Application January 30, 1933, Serial No. 654,121
9 Claims. (Cl. 164—28)



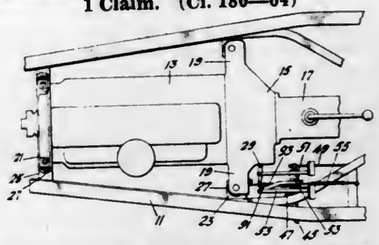
9. In a mechanism for operating upon a travelling web; a source of continuous web supply; a rotary means for drawing forward a given length of said web per given unit of time; a rotary means for performing upon said travelling web, at a region thereof between said source and feeding means, a series of operations at a given frequency for each of said time units, each operation in said series involving contact of said rotary means with an area of said web of substantial extent in the direction of travel, the web being maintained continuous from the web source to said feeding means; means to vary the speed of said web travel while maintaining the frequency of operation; means to vary the frequency of operation regardless of said variations in speed; and means to co-ordinate the linear speed of said operating means and web throughout each period of operative contact during each cycle of the rotary operating means, and to provide for appropriate accelerating-decelerating variations of speed ratio between the operating means and the web to compensate for phase changes within said cycle, accompanying variations in the ratio between the speed of web travel and frequency of operation, selectively.

2,061,005
MEAT GRINDER
John H. Osborne, Anderson, Ind.
Application December 31, 1934, Serial No. 759,811
6 Claims. (Cl. 146—189)

1. In a meat grinder, the combination with the cutter plate and pressure screw, of a cutter interposed between said plate and screw and rotatable by the screw, a spindle nonrotatively associated with the plate and projected into the pressure screw, means carried by said spindle, within the pressure screw, for preventing relative axial movement in one direction of the screw relative to the plate, but permitting relative rotative movement between the spindle and cutter, and means carried by the outer end of the spindle, for engaging the cutter plate adjustably in opposition to the cutter.



2,061,006
CLUTCH CONTROL
Guy E. Parker, Birmingham, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application May 24, 1935, Serial No. 23,232
1 Claim. (Cl. 180—64)

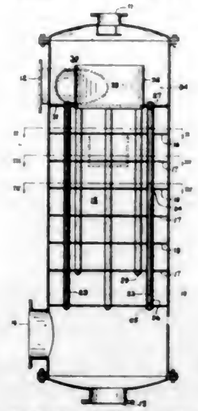


In combination, a frame, a motor block comprising an engine and a clutch, said clutch provided with a pivoted throwout lever, means to movably mount said block on said frame whereby said throwout lever moves bodily relative to said frame, a clutch releasing lever, a pivot on said frame to rotatably support said releasing lever, said releasing lever having an integral cross head formed by arms extending in diametrically opposite directions from the pivot of said releasing lever, a floating link having a link head parallel with said cross head, a first pair of parallel links connecting the ends of said link head and cross head whereby said cross head, link head and parallel links form a collapsible parallelogram, said floating link having an arm extending at an angle from said head, a second pair of parallel links, the ends of a first link of said second pair being connected to said throwout lever and to said arm of said floating link, the ends of the other link of said second pair being connected to said block and to an intermediate point of the head of said floating link between the points of connection of the links of the first mentioned pair of parallel links.

2,061,007
HEAT EXCHANGE APPARATUS
John A. Potter and John P. Rathbun, Prospect Park, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 17, 1933, Serial No. 666,582
Renewed May 17, 1934
6 Claims. (Cl. 261—114)

1. In a condenser, a vertical shell having an air outlet and a water inlet at the upper portion

thereof and a water outlet and a steam inlet at the lower portion thereof; and a baffle structure disposed between the water and steam inlets, said baffle structure including a first set of horizontal baffle plates alternately arranged with respect to a second set of horizontal baffle plates, each baffle plate having radial portions with intervening spaces and the radial portions of each set being



alined with the spaces of the other set, first set suspension rods connected to the radial portions of the plates of the first set and arranged in the spaces of the plates of the second set, second set suspension rods connected to the radial portions of the plates of the second set and arranged in the spaces of the plates of the first set, and means providing for the support of the upper ends of said suspension rods from the shell.

2,061,008

COMPOSITIONS OF MATTER AND PETROLEUM PRODUCTS AND METHOD OF MAKING SAME

Orland M. Reiff, Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York

No Drawing. Application October 26, 1935, Serial No. 46,892

10 Claims. (Cl. 87—9)

1. As a new composition of matter a hydrocarbon oil composition of low pour point comprising a hydrocarbon oil of normally higher pour point, and in combination therewith a small proportion, sufficient to substantially reduce the pour point, of a resinous condensation product comprising the reaction product of oxyaromatic hydrocarbon material selected from the group consisting of hydroxyaromatic compounds and aromatic ethers, condensed with a resinifying agent capable of resinifying the oxyaromatic hydrocarbon material, and subsequently condensed with halogenated aliphatic hydrocarbon material of relatively high molecular weight in the presence of a catalyst.

2,061,009

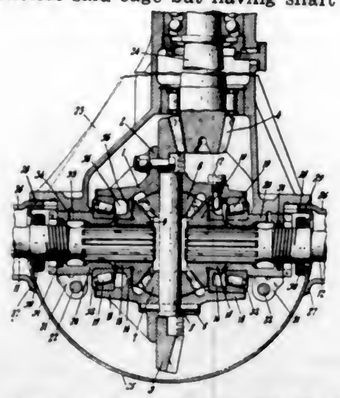
REAR AXLE CONSTRUCTION

George L. Rothrock, Highland Park, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application November 24, 1934, Serial No. 754,580

6 Claims. (Cl. 74—311)

1. A drive axle assembly, including a one piece cage adapted to receive differential gearing through the side thereof and provided with annular projections at both sides to receive internally thereof supporting bearing elements, a differential carrier having spaced bearing sleeves extending toward one another and into said projections, a pan-like housing open on one side only for cooperation with said carrier to completely enclose said cage but having shaft open-



ings in opposite sides axially alined with said sleeves and a drive shaft housing including a centrally enlarged ring surrounding said differential housing and a pair of tubular elements extending outwardly from the ring at each side of said shaft openings.

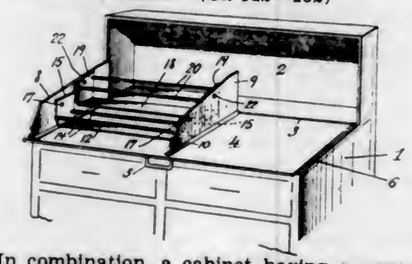
2,061,010

CABINET

Martin F. Sticht, Woodhaven, N. Y.

Application April 23, 1935, Serial No. 17,757

1 Claim. (Cl. 312—152)



In combination, a cabinet having a compartment, a door hinged to the bottom of the compartment in front thereof to close the same, a container unit mounted on said door and adapted to support containers in display position when the door is opened into a horizontal position and adapted to support said containers in upright position within the compartment when the door is closed, said container unit comprising a pair of side brackets, two shelf units pivoted therebetween, each shelf unit consisting of two end pieces, a shelf secured thereto, bars secured to said end pieces to prevent containers supported on the shelf from falling off the same and means for pivoting the end pieces of the shelf units to the insides of said side brackets in gravity controlled relation and at different levels, the upper shelf unit having its pivot in line with the center of gravity of said unit whereby to maintain the same at all times in natural upright vertical position, the lowermost shelf unit having its pivot in offset position to its center line of gravity, the upper rear portions of the lower end pieces engaging the lower front portions in the upper end pieces to prevent rearwardly tilting movement of the upper shelf unit when the said units are placed in operative position by the opening of the door of the cabinet.

2,061,011

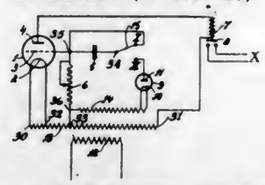
CIRCUIT ARRANGEMENT FOR ELECTRICAL TIME CONTROL

Antonius Wilhelmus Vingerhoets, Eindhoven, Netherlands, assignor, by mesne assignments, to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands, a Dutch company

Application July 10, 1933, Serial No. 679,811

In Germany July 5, 1932

13 Claims. (Cl. 250—27)



1. A circuit arrangement for automatically limiting the duration of an electrically controlled process, comprising a discharge tube having a cathode, an anode and a grid, a circuit for said tube, and means to initiate said process by the application of a potential of a given value to said grid and to interrupt said process by the application of a potential of a different value to said grid, said means comprising an electrical condenser and a normally open charging circuit for said condenser, and a variable resistance in said charging circuit, said resistance and one electrode of the condenser being interconnected with said auxiliary electrode, a transformer winding to supply the current to the tube circuit and to the charging circuit, a potentiometer connected across a portion of said winding and a switching device to connect the movable contact of said potentiometer to the other electrode of the condenser for the charging of said condenser.

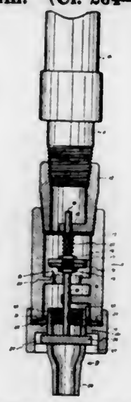
2,061,012

HOSE VALVE AND COUPLING FOR VOLATILE LIQUIDS

Henry N. Wade, Los Angeles, Calif., assignor to Parkhill-Wade, Incorporated, Los Angeles, Calif., a corporation of California

Application June 12, 1934. Serial No. 730,250

1 Claim. (Cl. 284—19)



A hose-end coupling and valve comprising; a hollow body having a valve seat formed therein; a valve longitudinally movable in said body and adapted to engage said seat; a metallic ring having slots formed therein and arranged to screw onto said body and a flexible ring retained between said metallic ring and the end of said body; a tank nozzle having a projecting end formed to pass through and deform said flexible ring; a pin passing through and laterally projecting from said nozzle and cooperating with said slots to lock said body to said nozzle; a stem attached to said valve and arranged to engage said pin and lift said valve from its seat when said body is locked to said nozzle.

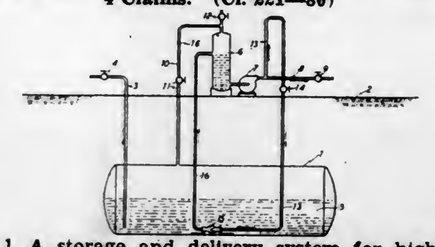
2,061,013

APPARATUS FOR DISPENSING HIGHLY VOLATILE LIQUIDS

Henry N. Wade, Los Angeles, Calif., assignor to Parkhill-Wade, Incorporated, Los Angeles, Calif., a corporation of California

Application March 11, 1935, Serial No. 10,489

4 Claims. (Cl. 221—80)



1. A storage and delivery system for highly volatile liquids comprising in combination: a closed storage tank; a closed receiver arranged substantially above said tank; a pipe affording communication between the upper portion of said receiver and said tank; a pump arranged to have its suction flooded by liquid from said receiver; a liquid-actuated lifting means arranged below the liquid level in said tank and in unimpeded communication with the liquid body therein, said lifting means discharging into the upper portion of said receiver; a pipe affording communication between the discharge of said pump and the actuating-liquid intake of said lifting means; means for maintaining pressure on the discharge of said pump and within said pipe, and a second pipe affording communication between the discharge of said lifting means and said receiver.

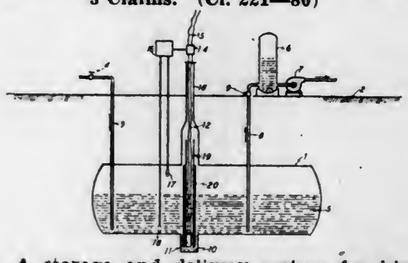
2,061,014

APPARATUS FOR DISPENSING HIGHLY VOLATILE LIQUIDS

Henry N. Wade, Los Angeles, Calif., assignor to Parkhill-Wade, Incorporated, Los Angeles, Calif., a corporation of California

Application March 11, 1935, Serial No. 10,491

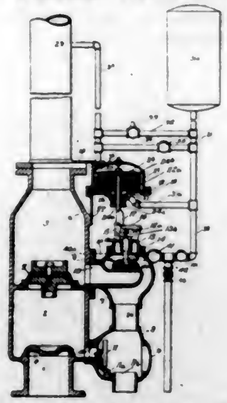
3 Claims. (Cl. 221—80)



1. A storage and delivery system for highly volatile liquids comprising in combination: a

closed storage tank; a pump arranged substantially above said tank and having its suction in communication with the lower portion thereof; a chamber communicating at its lower end with the lower end portion of said tank; a heating means within said chamber; a differential thermometer having its responsive elements located respectively in the upper and the lower portions of said tank, and means cooperating with said differential thermometer for controlling the supply of heating fluid to said heating means.

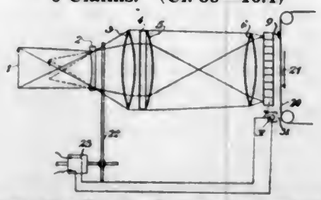
2,061,015
SPRINKLER SYSTEM
John Eugene Wallace, Foxboro, Mass., assignor, by mesne assignments, to Francis V. McCarthy, Lynn, Mass.
Application July 28, 1932, Serial No. 625,401
10 Claims. (Cl. 169—17)



1. In a device of the class described as an adjunct to a dry valve having the usual inlet chamber, intermediate chamber and outlet or pressure chamber, the combination of an operating valve casing and a secondary valve casing communicating therewith including communicating ports from the operating valve casing to the pressure chamber and from the secondary casing to the intermediate chamber, a port in the secondary valve casing communicating with atmosphere, a valve pivoted in the secondary valve casing so that it will swing freely to alternative positions to partially obstruct the communicating port to the intermediate chamber and to close the port communicating with atmosphere when a rush of water from the intermediate chamber strikes the obstructing valve and throws it forward to fall to the alternative position of closing the port of communication to atmosphere, an operating valve interrupting communication from the pressure chamber to the secondary valve casing, the valve operating with a sliding stem whereby pressure from the pressure chamber can function to lift the valve to open position and means of applying pressure to the stem to hold the valve tightly closed against the pressure coming from the pressure chamber, as aforesaid, the said means consisting of a lever pivoted in position to be held by a latch in pressure against the stem in a manner whereby movement of the latch will release the lever to thereby enable the valve to open.

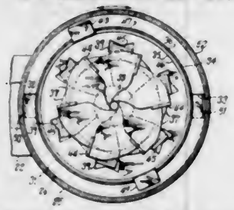
7. In a device of the class described, a housing, a diaphragm within the housing tightly dividing the interior into a retention chamber and a reduction chamber, a rod attached to the diaphragm and passing through the walls of the housing, a locking latch engaged thereby, a riser, means establishing communication between the riser and the retention chamber and a check valve therein opening in the direction of the retention chamber, a second means establishing communication between the riser and the retention chamber and having a weighted check valve therein opening in the direction of the riser, means establishing free two-way communication between the riser and the reduction chamber whereby reduction of pressure in the riser and free two-way communicating reduction chamber causes pressure differences in the two chambers, the weighted check valve being constructed to prevent excessive differences of pressure between the two chambers by opening and permitting flow from said retention chamber to the riser.

2,061,016
NATURAL COLOR PICTURE REPRODUCTION
George William Walton, London, England
Application March 16, 1932, Serial No. 599,273
In Great Britain February 20, 1931
6 Claims. (Cl. 88—16.4)



2. Apparatus for producing a record characteristic of a moving object comprising means for supporting and producing continuous motion of a photo-sensitive recording surface in one direction, means for producing upon said surface an image of the kind in which all elemental areas of said object are deployed in such a manner that they do not overlap one another regarded in said direction and means for producing separate complementary color components of said image in a direction transverse of the direction of said deployment and at a rate to provide persistence of vision.

2,061,017
ADJUSTABLE PEEP SIGHT FOR FIREARMS
Thomas R. Arden, Baldwin, N. Y.
Application November 25, 1935, Serial No. 51,426
4 Claims. (Cl. 33—53)



3. An adjustable peep-sight construction for firearms comprising: a pair of sheet-metal operating-disks secured together in assembled relation for limited rotation relative to one another on a common axis by means of a pair of slots and a pair of tongues formed in the disks, and the tongues interengaging with the slots; each disk having a sight-opening coaxial of said common axis, and a plurality of operating-openings spaced concentrically about the axis of the sight-openings; and a plurality of elongated leaves between said disks and arranged in overlapping relation about said axis; each leaf having one end engaged with a respective operating-opening of one disk, and the other end engaged with a respective operating-opening of the other disk.

2,061,018
HYDROGEN POLYSULPHIDE ADDITION PRODUCTS OF UNSATURATED ALIPHATIC HYDROCARBONS AND PROCESS OF PRODUCING THEM
Wallace H. Carothers, Arden, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 18, 1934, Serial No. 721,151
25 Claims. (Cl. 260—16)

1. A hydrogen polysulphide addition product of a non-aromatic liquid polymer of acetylene.

2,061,019
SULPHURIZED UNSATURATED ALIPHATIC HYDROCARBONS AND PROCESS OF PREPARING THEM
Albert S. Carter, Wilmington, Del., and Frederick Baxter Downing, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 18, 1934, Serial No. 721,150
20 Claims. (Cl. 260—16)

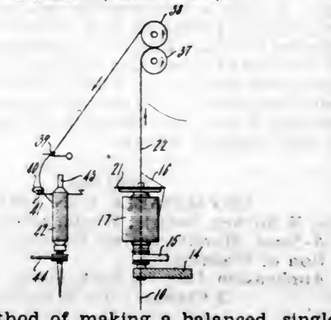
1. The process which comprises reacting an unsaturated aliphatic compound with hydrogen sulphide and sulphur in the presence of a basic catalyst.

2,061,020
METHOD OF AND MACHINE FOR BALANCING THE TWIST OF ELASTIC YARN
Fayette D. Chittenden, Providence, and Kenneth J. Rupprecht, Barrington, R. I., assignors to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
Application November 20, 1935, Serial No. 50,666
3 Claims. (Cl. 117—26)



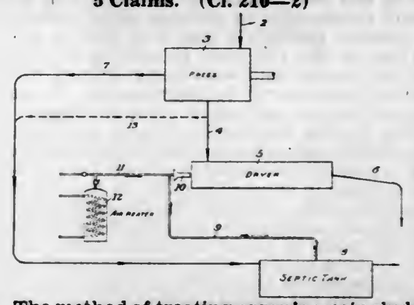
1. The method of correcting the twist of off-balance elastic yarn, which consists in winding the off-balance yarn in a package so that the yarn may be pulled endwise from the package as it is unwound therefrom, pulling the yarn endwise from said package, and rotating the package as the yarn is pulled therefrom at a rate to change the twist of the yarn by a plurality of twists for each turn unwound from the package.

2,061,021
ELASTIC YARN AND METHOD OF MAKING THE SAME
Fayette D. Chittenden, Providence, and Kenneth J. Rupprecht, Barrington, R. I., assignors to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
Application April 1, 1936, Serial No. 72,100
3 Claims. (Cl. 117—35)



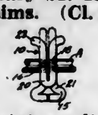
1. The method of making a balanced, single-cover elastic yarn which consists in wrapping yarn helically about a straight rubber core while the latter is stretched to produce an unbalanced elastic yarn, and then twisting the unbalanced yarn in a direction to impart a sufficient reverse twist to the core to balance the elastic yarn.

2,061,022
METHOD FOR THE TREATMENT OF INDUSTRIAL WASTE AND THE LIKE
Lindsay R. Christie, Pittsburgh, Pa.
Application September 29, 1934, Serial No. 746,075
5 Claims. (Cl. 210—2)



1. The method of treating organic waste sludges which comprises initially separating the bulk of the liquid from the bulk of the solids, transferring the solids after initial removal of the water to a dryer, transferring the liquid phase of the sludge with solid particles therein to a septic tank, and utilizing gases generated in the septic tank for operation of the dryer.

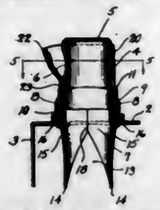
2,061,023
CLIP FOR GARMENT HANGERS
Ephraim Cohen, Baltimore, Md.
Application February 21, 1936, Serial No. 65,164
4 Claims. (Cl. 24—261)



1. A garment retainer clip for direct clamping attachment to a garment hanger comprising opposed U-shaped arms connected together at

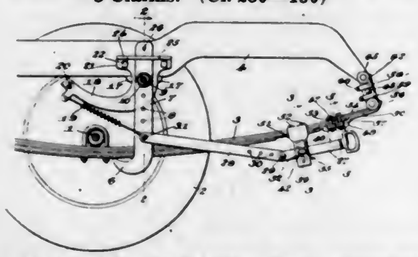
one end, each arm having parallel sections with the sections of one arm spaced apart a greater distance than the sections of the other arm, seats formed on each arm section and arranged in the same transverse plane, with the seats on at least one arm defining a stop to properly position the clip on the garment hanger, said seats engaging said garment hanger at four longitudinally spaced points thereon; serrations formed on said seats having a non-parallel relationship to the longitudinal extent of said garment hanger and adapted to co-act with the engaged surface thereof whereby to secure said clip against longitudinal movement thereon in either direction; said clip being operative for its purpose irrespective of the position it may be applied to or assume relative to said garment hanger.

2,061,024
DETACHABLE CAN SPOUT
Roy N. Dickey, Seattle, Wash., assignor to Meets-A-Need Manufacturing Company, a corporation of Washington
Application July 30, 1934, Serial No. 737,519
2 Claims. (Cl. 221—23)



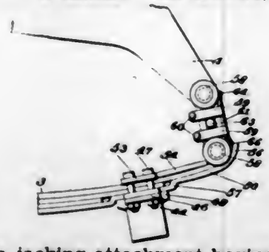
1. A pouring spout of the character described, comprising a tubular body closed at its outer end and formed with a lateral opening below the closed end and formed at its inner end with a shank terminating in piercing points adapted to be pressed through a can wall and to sever a portion of the can wall to provide an opening for the device; said body being formed with an annular downwardly facing shoulder for seating against the can wall about the wall opening; said shank having outwardly formed portions terminating in upwardly facing shoulders spaced below the annular shoulder to engage the wall about the opening in opposed relation to the first mentioned shoulder to retain the device against displacement; and a sleeve movably fitted about the tubular body to cover the said lateral opening and formed with a spout adapted to be moved by movement of the sleeve into and from registration with the lateral opening.

2,061,025
JACKING ATTACHMENT
Max Dwork, Brooklyn, N. Y.
Application May 3, 1935, Serial No. 19,742
8 Claims. (Cl. 280—150)



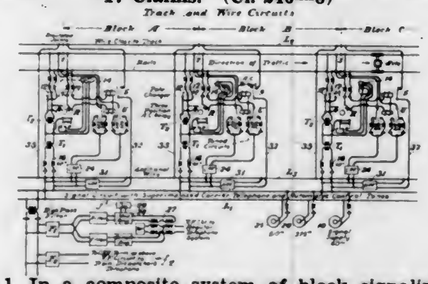
1. In a jacking attachment which comprises a hook and means for pivotally mounting it on a chassis; linkage connected at one point with the hook for swinging the hook toward and from an axle, detent means incorporated in one part of the linkage, a combined guide and detent co-acting shoulder, the guide containing said part of the linkage for guidance when swinging the hook and its shoulder coacting with the detent means to lock the linkage in one position, and means by which said guide is attached to an adjacent spring.

2,061,026
JACKING ATTACHMENT
Max Dwork, Brooklyn, N. Y.
Original application May 3, 1935, Serial No. 19,742. Divided and this application June 28, 1935, Serial No. 28,970
4 Claims. (Cl. 267—54)



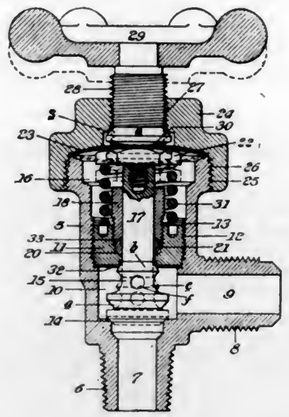
1. In a jacking attachment having a socket to receive the head of a jack, and means by which the socket is attached to the spring of a vehicle, means to transfer the lifting force of the jack from the socket to the chassis comprising a stiff brace between the spring and chassis, said stiff brace having means embracing and thereby fixedly attaching said brace to shackle members which connect the spring with the chassis, said stiff brace including a saddle offset therefrom to fit under an adjacent part of the chassis and including a less offset portion which fits over an adjacent part of the spring.

2,061,027
COMMUNICATION WITH MOVING TRAINS
Lloyd Espenschied, Kew Gardens, and Newton Monk, New York, N. Y., assignors to American Telephone and Telegraph Company, a corporation of New York
Application September 10, 1931, Serial No. 562,180
17 Claims. (Cl. 246—8)



1. In a composite system of block signaling, automatic train-control, and communication, the combination with a block-signaling circuit having a source of current connected thereto, of a train dispatching circuit also having a source of current connected thereto, the frequency of one source differing from that of the other, a track forming part of the block signaling circuit, a sectionalized conductor parallel and in close juxtaposition to said track but insulated therefrom forming part of said dispatching circuit, each section of said conductor being co-extensive with a block signal section, the said dispatching circuit being normally open, and means controlled normally by the block-signaling current adapted, whenever a train enters a given block to close said dispatching circuit through the section of said conductor corresponding to the signal block into which the train has just entered.

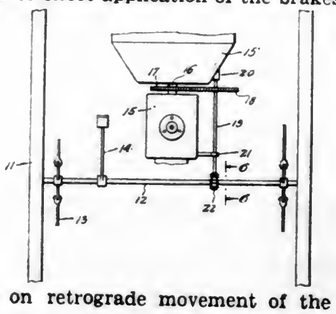
2,061,028
VALVE
John S. Forbes, Pittsburgh, and Harry H. Lamar, Wilkinsburg, Pa., assignors to Kerotest Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application May 14, 1935, Serial No. 21,340
7 Claims. (Cl. 251—31)



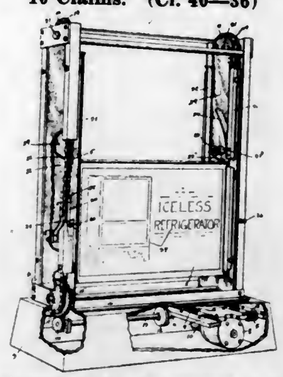
1. In a valve, a valve body having a valve chamber therein, an inlet passage to the chamber, an outlet passage leading from the chamber, a valve seat, a closure for the valve chamber having a seat, a supplemental chamber, a valve in the valve chamber having spaced apart seat contacting faces for cooperation with the said seats and having a stem extending through the closure and into the supplemental chamber, a packing for the stem, an imperforate diaphragm closing the supplemental chamber, a separable adjustable elongated sleeve guide for the valve stem carried by the closure member and extending into the supplemental chamber for guiding the stem and compressing the packing, resilient means surrounding and independent of the sleeve guide for urging the valve to open position, and operating means for the valve stem above the diaphragm.

2,061,029
VEHICLE SAFETY BRAKE
Mark S. Graves, Los Angeles, Calif.
Application January 26, 1935, Serial No. 3,661
3 Claims. (Cl. 188—30)

1. In a braking device for a motor driven vehicle in combination, a clutch shaft, a gear mounted on the clutch shaft, a second shaft, a brake shaft, gearing connecting the second shaft with the brake shaft, a gear on the second shaft in constant mesh with the first named gear, and wedge means engageable with the first gear and the clutch shaft for placing the first named gear in driving engagement with the clutch shaft in a manner to effect application of the brakes of the vehicle on retrograde movement of the clutch shaft.



2,061,030
SIGN CHANGING APPARATUS
Harry C. Heath, Oakland, Calif.
Application August 20, 1934, Serial No. 740,599
10 Claims. (Cl. 40—36)

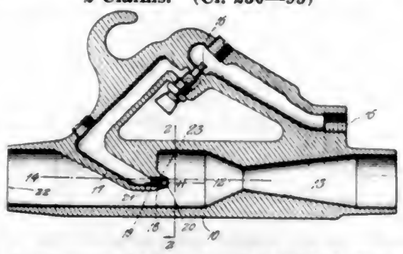


1. In a sign-changing apparatus, a plurality of sign plates each provided with projecting pins at its upper corners, rails upon which the signs are suspended vertically one behind the other, said signs formed to touch at their upper edges only and hang clear of one another, and means for picking the signs one at a time from one side of the pack by engagement with said pins lifting the signs, and depositing same successively at the other side of the pack, said means including a pair of endless traveling chains provided with devices for engaging the pins, rollers against which the margins of the sign roll, and a spring acting on the sign successively to force them toward the opposite side of the pack when past the rollers.

2,061,031
STERILIZATION OF PULP AND WHITE WATER
Clark T. Henderson, Burlingame, Calif., assignor to Wallace & Tiernan Company, Inc., Belleville, N. J., a corporation of New York
No Drawing. Original application September 4, 1929, Serial No. 390,375, now Patent No. 1,940,592, dated December 19, 1933. Divided and this application September 26, 1933, Serial No. 691,076
3 Claims. (Cl. 92—21)

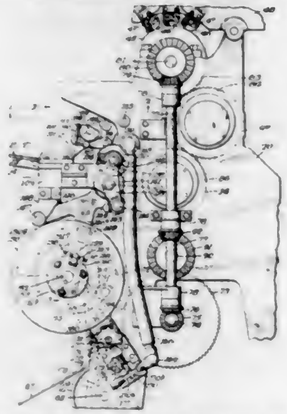
1. The improvement in the process of making paper stock which comprises introducing chloramine to the water used in making the paper stock.

2,061,032
JET PUMP
Thomas H. Huff, Philadelphia, Pa.
Application November 23, 1935, Serial No. 51,315
2 Claims. (Cl. 230—95)



1. A jet pump having a substantially cylindrical casing providing a rotund conduit for receiving and discharging the pumped fluid: said conduit comprising a substantially cylindrical portion, a first conical portion in conterminous relation to the cylindrical portion convergent in the direction of flow, and a second conical portion in conterminous relation to said first conical portion divergent in the direction of flow; jet nozzle means in said cylindrical conduit portion positioned in spaced relation to and upstream of the entrance end of said first conical conduit portion parallel to but out of alignment with the conduit axis; and means for supplying driving fluid to the jet nozzle means.

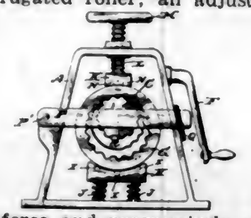
2,061,033
SHEET TRANSFER MECHANISM FOR PRINTING PRESSES
Alexander T. Koppe, New York, N. Y.
Application November 29, 1933, Serial No. 700,258
51 Claims. (Cl. 271—53)



1. The combination in mechanism of the class described, of a cylinder adapted to carry a sheet of paper, paper positioning means having a normally stationary position, means for delivering a sheet of paper to said stationary positioning means, and angularly movable pneumatic means positively gripping said sheet for feeding said sheet to said cylinder after it has been positioned.

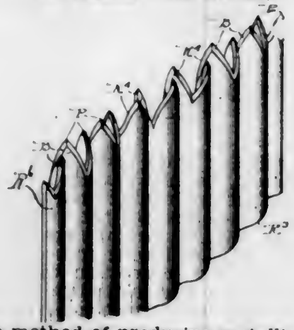
2,061,034
APPARATUS FOR RESHAPING USED SHEET METAL CONTAINERS
Clarence D. Lennon, Detroit, Mich.
Application October 17, 1935, Serial No. 45,467
9 Claims. (Cl. 153—70)

1. In an apparatus of the class described, a supporting frame; a rotatable corrugated crimping roll journaled in the frame; an annular floating corrugated roller encircling the rotatable crimping roll, adapted to coordinate with the corrugated crimping roll to crimp sheet metal between the corrugated crimping roll and the floating corrugated roller; an adjustable block



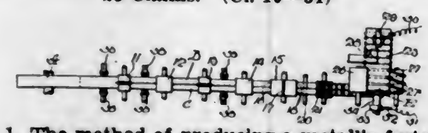
adapted to force and progressively maintain a segmental portion of the floating corrugated roller in intermeshing relation with the rotatable corrugated crimping roll; and means for rotating said rotatable corrugated crimping roll, whereby sheet metal lodged between the corrugated crimping roll and the annular corrugated floating roller may be progressively corrugated.

2,061,035
METHOD FOR MAKING TOOTHED FASTENERS
John Sherman McChesney, Chicago, Ill.; Lula A. McChesney executrix of said John Sherman McChesney, deceased, assignor to Lula A. McChesney, individually
Application September 17, 1932, Serial No. 633,611
34 Claims. (Cl. 10—34)



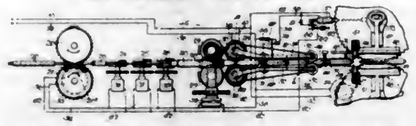
1. The method of producing metallic fasteners comprising simultaneously swage-beveling and swage-severing a metallic ribbon thereby producing a swage-beveled severed strip having a beveled swage-hardened penetrating edge.

2,061,036
METHOD OF PRODUCING FASTENERS FROM METALLIC RIBBON
John Sherman McChesney, Chicago, Ill.; Lula A. McChesney executrix of said John Sherman McChesney, deceased, assignor to Lula A. McChesney, individually
Application July 22, 1933, Serial No. 681,688
23 Claims. (Cl. 10—34)



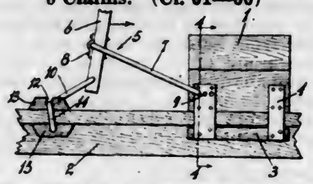
1. The method of producing a metallic fastener which comprises swaging a metallic ribbon longitudinally of its length into strips and simultaneously forming a sharp-cutting hardened serrated edge on each of the strips, scoring and perforating the strips at given intervals of their length, separating the strips one from the other, corrugating the strips at an angle to the cutting edge, progressively severing the strips at the scorings and forming each length of strip into an annular shape, and connecting the terminal ends of each length.

2,061,037
METHOD OF PRODUCING FLANGED JOINT FASTENERS
John Sherman McChesney, Chicago, Ill.; Lula A. McChesney, executrix of said John Sherman McChesney, deceased, assignor to Lula A. McChesney, individually
Application October 4, 1933, Serial No. 692,069
19 Claims. (Cl. 10—34)



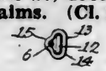
1. The method of producing a flanged joint nail from metallic ribbon which comprises employing a ribbon indefinite as to length, guiding the ribbon in a definite path, notching out portions of the side edges of the ribbon to a suitable depth, slitting the ribbon longitudinally of its length between the side edges of its narrow faces, swaging the slit portions between the notches into flanges, then severing the ribbon transversely at the notches to form the finished fastener.

2,061,038
BILGE BLOCK JACK
Clarence E. Mitchell, Long Beach, Calif.
Application December 27, 1935, Serial No. 56,341
6 Claims. (Cl. 61—66)



1. A bilge block jack comprising an operating handle, a link pivotally attached to the handle and to the bilge blocks, means gripping the runner upon which the bilge blocks slide, and means pivotally connecting the gripping means and the actuating handle.

2,061,039
TIRE CHAIN
Guy Montgomery, Humboldt, Nebr.
Application April 27, 1935, Serial No. 18,666
2 Claims. (Cl. 24—69)



1. An anti-skid chain and connecting device embodying a hook member connected to one end of the chain, said hook member having a hook formed at its free end and adapted to pass through a link at the opposite end of the chain, a substantially triangular keeper ring slidable on a link at one end of the chain, said keeper ring having a wide portion of a width equal to the width of the hook member whereby the keeper ring may be rotated and the hook member moved through the wide portion of the ring, connecting the hook member and keeper ring.

2,061,040
GUN SIGHT
Harold F. Mossberg, New Haven, Conn., assignor to O. F. Mossberg & Sons, Incorporated, New Haven, Conn., a corporation
Application May 8, 1935, Serial No. 20,305
6 Claims. (Cl. 33—50)



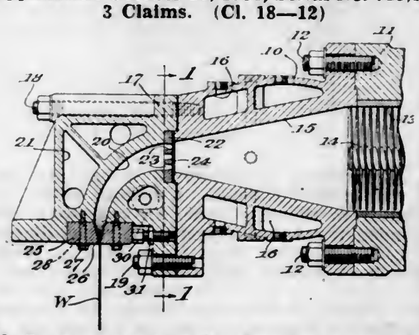
1. A gun-sight construction including: a guide-bracket; a telescopic-sight carrying bracket having means engaging and supporting said telescopic-sight at two locations widely spaced apart longitudinally of the telescopic-sight, and having means for angularly adjusting the telescopic-sight relatively to said bracket; said carrying bracket having a depending tang permanently rigid therewith and adapted to slidably engage said guide-bracket and adapted to be rigidly secured thereto in various positions of vertical adjustment.

2,061,041
BAGUETTE HOOK
Nels T. Nelson, Attleboro, Mass., assignor to J. F. Sturdy's Sons Co., a corporation of Massachusetts
Application February 24, 1934, Serial No. 712,762
8 Claims. (Cl. 24—265)



1. A hook for a baguette watch having a loop shaped lug, comprising a member having spaced side portions, a connecting bar at one end, fingers extending inwardly at right angles from the side portions at the other end for entering said loop-shaped lug from opposite sides to engage the inner surface thereof, and means providing abutments spaced from said fingers and sufficiently close thereto to engage the outer surface of said lug and prevent material lateral turning to maintain the hook in generally aligned relation with said lug.

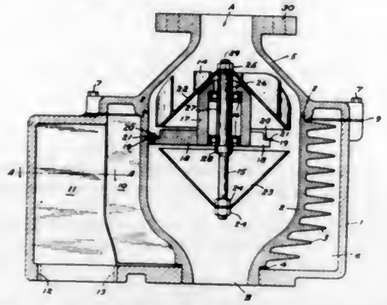
2,061,042
MACHINE FOR EXTRUDING PLASTIC MATERIALS
Frederic A. Parkhurst, Bethesda, Md., assignor to The Fiberloid Corporation, Indian Orchard, Mass., a corporation of Massachusetts
Application October 16, 1934, Serial No. 748,459
3 Claims. (Cl. 18—12)



2. In an apparatus for forming a web from plastic material, means for feeding the plastic material under pressure, a casing providing a

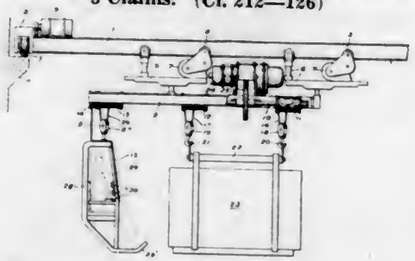
passage from the feeding means and terminating in a slot orifice, pressure-distributing means in said passage spaced substantially from said feeding means so as to form a chamber between the end of the feeding means and the pressure distributing means, the width and depth of said passage progressively approaching that of said orifice from said feeding means to said orifice, and said passage from said feeding means to the orifice being unobstructed except by said pressure-distributing means.

2,061,043
ENGINE FUEL VAPORIZER
Charles W. Philip, Santa Rosa, Calif.
Application May 4, 1936, Serial No. 77,731
9 Claims. (Cl. 257—241)



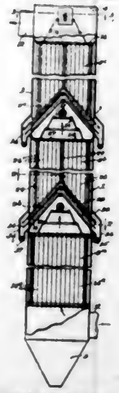
1. A vaporizer for an internal combustion engine comprising an open-ended chamber adapted for placing in an internal combustion vapor fuel line and to be heated externally by the engine exhaust, a pair of cone-shaped sheet metal members arranged within the chamber with their large ends in confronting relation, means mounting said cones for rotation, and fan blades on the exterior of one of said cones.

2,061,044
TRAVELING HOIST
William H. Ringe, Berkeley, Calif.
Application April 3, 1936, Serial No. 72,547
5 Claims. (Cl. 212—126)



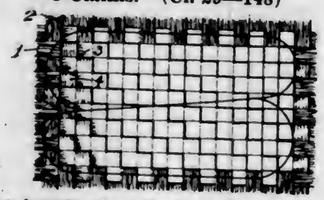
1. A traveling hoist having a hoisting rope and load-carrying device, a second hoist rope spaced from the first rope, an operator's cage suspended from said second hoist rope adjacent the load, a winding drum for each rope, means positively insuring simultaneous operation of both ropes at all points in raising and lowering, remote control electrical connections on said cage with flexible leads therefrom for controlling all motions of said traveling hoist and said ropes, and a winding drum for said leads associated with the drum of said second hoist rope.

2,061,045
APPARATUS FOR ELECTRICAL PRECIPITATION
Heinrich Bernhard Rüder, Schonberg in Taunus, and Hermann Fiesel, Frankfort-on-the-Main, Germany, assignors to International Precipitation Company, Los Angeles, Calif., a corporation of California
Application May 2, 1936, Serial No. 77,602
In Germany April 26, 1935
6 Claims. (Cl. 183—7)



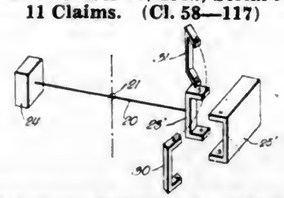
1. In an electrical precipitator, the combination comprising a vertically extending housing, two electrical precipitator sections disposed one above the other within said housing and each provided with discharge electrode means and collecting electrode means, the collecting electrode means in the upper precipitator section comprising a plurality of collecting electrode units disposed in substantially parallel vertical planes, and channel members disposed adjacent the lower edges of the respective collecting electrodes of said upper section, in position to receive precipitated material falling from said electrodes and to conduct such material out of the path of gas within said housing, said channel members being spaced from one another to permit a substantially vertical flow of gas from one section to the other, and means for passing gas in a substantially vertical direction through said housing and through both of said precipitator sections.

2,061,046
METHOD OF MAKING METALLIC PADS
George R. Schmidt, St. Louis, Mo.
Original application September 28, 1934, Serial No. 745,904. Patent No. 2,021,749, dated November 19, 1935. Divided and this application July 5, 1935, Serial No. 29,810
3 Claims. (Cl. 29—148)



1. The herein described method of making a pad for a pressing buck, consisting in first making a rectangular pad of two series of irregular wool strands intersecting and interlaced with each other, dividing said pad on a bias lengthwise, trimming the divided portions to the desired size forming two tapering layers as portions of equal size, superposing one layer on the other, and temporarily securing the edges of the layers together.

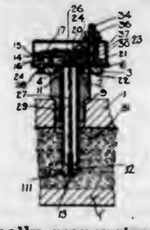
2,061,047
TIMEPIECE
Edmund O. Schweitzer, Jr., Northbrook, Ill.
Application December 17, 1932, Serial No. 647,729
11 Claims. (Cl. 58—117)



1. An escapement including an oscillating member, a permanent magnet mounted thereon, and means establishing a magnetic field in the path of movement of the magnet for controlling the rate of oscillation of the member, said last means including a pair of permanent magnets, one each of said pair of magnets being located adjacent each of the opposite extreme positions of oscillation of the first magnet and arranged with poles of like polarity in position to react with a like pole of the first magnet.

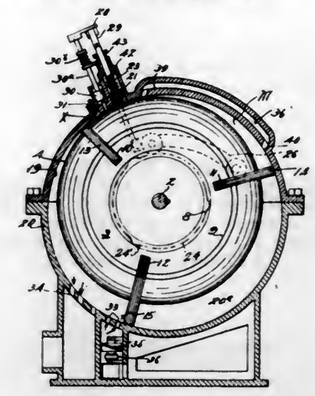
6. An escapement including a rotating member, an oscillating member controlling the rotating member, a supporting member mounted on and conjointly oscillating with said oscillating member, a magnet carried by said supporting member and movable in an arcuate path upon oscillation thereof, a counterweight carried by said supporting member, said magnet and counterweight being so arranged with respect to said supporting member that the center of gravity of the oscillating system will be located at substantially the point of connection of said supporting member with said oscillating member; and means establishing a magnetic field in the path of movement of said magnet for controlling the rate of oscillation of said oscillating member, said last named means imposing a restoring torque on said oscillating member which increases with increases in amplitude of oscillation of said oscillating member at a ratio not less than a predetermined value.

2,061,048
ELECTRICAL APPARATUS
Theodore J. Smulski, Gary, Ind., assignor to The Anderson Company, Gary, Ind., a corporation of Indiana
Application April 19, 1930. Serial No. 445,648
3 Claims. (Cl. 177—351)



1. In a thermally responsive electrical circuit controller, an expansible tube adapted to contact a fluid, an expansible rod within the tube having one end secured thereto, a set of contacts associated with the tube and adapted to be included in an electrical circuit with an indicating device, electrical heating means encircling the rod, insulated therefrom, and controlled by the contacts, the tube and rod being differentially responsive to changes of ambient temperature, one of said contacts comprising portions resiliently opposing extension of the rod responsive to temperature increase, the other contact being adjustable to relatively alter the relative movement of the rod and tube effecting disengagement of the contacts, and the intermittent engagement of the contacts effecting current impulses whose cumulative value in a given interval is proportional to the fluid temperature.

2,061,049
ROTARY COMBUSTION ENGINE
William R. Spellman, Wilmington, Calif.
Application March 23, 1936, Serial No. 70,339
4 Claims. (Cl. 123—16)

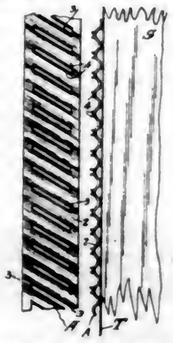


3. In a rotary gas engine, a rotor having a plurality of transverse spring projected vanes bodily radially moving in and projecting from the rim thereof, a circular shell in which the rotor is eccentrically mounted in clearing contiguity at a portion thereof, a rotative shaft mounted in the shell and fixed centrically to the rotor, an abutment radially mounted, as to the rotor, in the shell for radial reciprocation at the point of nearest relation of the rotor to the shell to form on one side an air compression space in front of an approaching vane and on the other side a combustion space, and means controlling the radial motion of the abutment and including a cam fixed on said shaft and a device actuated thereby and acting on the abutment to lift it to clear a passing vane and admit compressed air from the compression space and then relieve it so as to engage the rotor while the passing piston is relatively close to the abutment, means to inject fuel into said combustion space, and means to ignite the fuel charge; said controlling means including a spring device thrusting the abutment against the rim of the rotor when relieved by the cam.

2,061,050
REENFORCING FURRING STRIP
Dale A. Stafford, Glendale, Calif., assignor of twenty-five per cent to Paul E. Hanger, Los Angeles, Calif.
Application October 7, 1935, Serial No. 43,853
6 Claims. (Cl. 72—118)

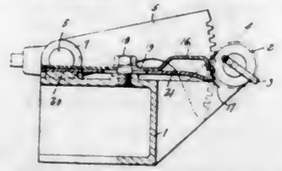
6. A furring device consisting of a strip having corrugations which are diagonal to the length of the strip and present frontal ridges having suitable apertures which provide for flow of mobile material to the rear of the ridges to form

keys of the said material between the rearward ridges of the strip when this is affixed on a base;



the corrugations being relatively shallow as compared to the width of the strip and their rearward ridges forming contacts with the said base.

2,061,051
FRUIT PITTER
Albert R. Thompson, San Jose, Calif., assignor to Pacific Machinery Company, San Francisco, Calif., a corporation of California
Application January 15, 1934, Serial No. 706,645
5 Claims. (Cl. 146—28)



1. A pitting machine for pitting or coring half fruit including a member shaped to be engaged manually within the flesh of a half fruit to engage the edge of the pit of the fruit, a rotatable curved pitting knife, the member permitting pivoting of the half fruit to regulate the point at which the curved pitting knife enters the fruit, and means adapted to be actuated by the operator for rotating the curved pitting knife when the half fruit has been shifted to position to bring the pit within the path of movement of the pitting knife.

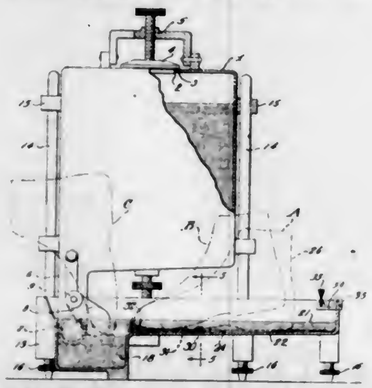
2,061,052
DISPENSER
Anthony Turak, Cleveland, Ohio
Application October 21, 1935, Serial No. 45,857
16 Claims. (Cl. 221—105)

1. A device adapted to dispense fluids from a container in pre-determined quantities, said container having a hole through which said fluid is withdrawn, comprising, in combination, a longitudinal member having an opening extending throughout its length and having opened ends, said longitudinal member being adapted to fit into and engage the said hole of the container, a receptacle of pre-determined capacity, said receptacle being adapted to fit into the hollow opening of said longitudinal member and to slidably engage with said longitudinal member, the said receptacle having a first portion adapted to be extended from said longitudinal member inwardly of said container, the said first portion having an opening adapted to permit the fluid in said container to flow into said receptacle when said first portion is inwardly extended from said longitudinal member, the said receptacle also having a second portion adapted to be extended from said longitudinal member outwardly from said container, the said second portion having an opening positioned adjacent to the outer end of said receptacle, said opening being adapted to permit the fluid in said receptacle to flow therefrom when said second portion is outwardly extended from



said longitudinal member, means for adjustably determining the capacity of said receptacle, said means being mounted in the inner end of said receptacle, and means for sliding said receptacle in said member in a reciprocating manner so as to be alternately extended inwardly and outwardly from said member, thereby dispensing the fluid in said container in quantities measured by the capacity of said receptacle.

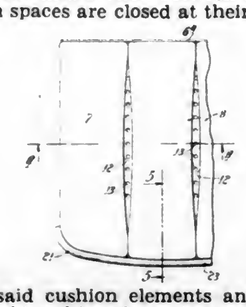
2,061,053
CEMENTING MACHINE
Edward A. Willey and Edward F. Casey, Malden, Mass., assignors to Converse Rubber Company, Malden, Mass., a corporation of Massachusetts
Application January 9, 1934, Serial No. 705,886
5 Claims. (Cl. 12—80)



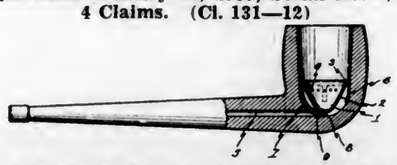
1. Apparatus for cementing shoes, comprising a supply chamber for the fluid cement, a shallow trough having a sloping bottom, and adjustable means for delivering the cement from the chamber to the trough adjacent to the lowermost portion of the bottom and below the normal fluid surface of the cement, for maintaining the level of the liquid in said trough.

2,061,054
CHAIR SEAT
Glenn D. Wood, Elkhart, Ind., assignor to Posture Research Corporation, Elkhart, Ind., a corporation of Indiana
Application July 19, 1935, Serial No. 32,152
3 Claims. (Cl. 155—184)

2. A chair embodying therein a seat comprising a plurality of cushion elements arranged side-by-side and substantially meeting at their ends and formed at the adjacent sides to define elongated spaces narrower at the ends and tapering to a wide mid-section between said elements and which spaces are closed at their ends, a support for said cushion elements and means for securing said cushion elements to said support.



2,061,055
SMOKING PIPE ATTACHMENT
Albert T. Anderson, Chicago, Ill.
Application January 14, 1935, Serial No. 1,729
4 Claims. (Cl. 131—12)



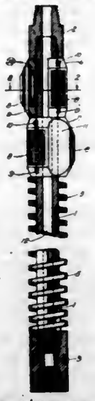
1. A device of the class described comprising a bowl-shaped member arranged to fit within the bowl of a smoking pipe, said pipe having a bore entering its bowl adjacent the bottom thereof, said bowl-shaped member having a perforated side wall terminating in an outwardly and downwardly turned margin, and a plurality of spaced prongs depending from the outer edge of said turned margin, said prongs being spaced away from the side wall of said bowl-shaped member, and one of said prongs extending to the bottom of said bowl-shaped member and terminating in an upwardly turned portion beneath the bottom of said bowl-shaped member, the last-named prong being curved to fit the wall of said pipe bowl and arranged to cover the entrance into said pipe bowl of said pipe bore, and said last-named prong having a plurality of perforations in the portion thereof covering the said bore entrance.

2,061,056
METHOD OF PLATING AND ARTICLE PRODUCED THEREBY
Edwin M. Baker, Ann Arbor, Mich., and Leslie C. Borchert, Chicago, Ill., assignors to General Spring Bumper Corporation, Detroit, Mich., a corporation of Michigan
No Drawing. Application December 13, 1933, Serial No. 702,196
8 Claims. (Cl. 204—13)

1. A method of plating ferrous metal articles, which comprises electrodepositing directly on the ferrous metal a layer of copper zinc alloy that is higher than nickel in the E. M. F. series and electrodepositing a layer of nickel over said copper alloy layer.

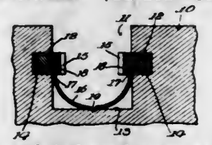
2,061,057
ROTARY REAMER FOR OIL, GAS, AND OTHER WELLS
Eugene Bigler, Oklahoma City, Okla., assignor to T. Myron Pyle, trustee
Application February 21, 1936, Serial No. 65,086
2 Claims. (Cl. 255—73)

1. In a device of the class described, an angular, hollow stem connected at both ends to rotary substitutes of greater exterior diameter than the stem, said stem having a longitudinal central bore which conforms to the fluid passage of the drill pipe of which the said hollow stem forms a unitary part, a plurality of cutter blocks having angular, longitudinal openings conforming to that of the



said angular, hollow stem and adapted for vertical reciprocation on the said stem, cutters on said blocks a helical spring, rectangular in cross section, seated on and enveloping the said hollow stem between the lower of the said cutter blocks and lower of the said rotary substitutes.

2,061,058
PRINTING PLATE MOUNTING
William F. Brügmann, Evanston, Ill.
Application October 27, 1933, Serial No. 695,443
34 Claims. (Cl. 101—388)

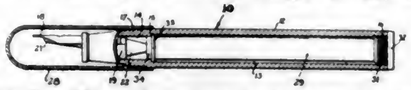


1. A printing plate base having a groove therein, sectional rack members in the side walls of the groove, said members spaced a substantial distance above the bottom of the groove, and means securing the sections in position and for free and independent removal from the groove, said means contacting the groove bottom and a face of the rack section, said rack members being supported in the groove independently of said securing means.

2,061,059
FOUNTAIN PEN
Adolph E. Carlson, Burbank, Calif.
Application September 21, 1935, Serial No. 41,571
7 Claims. (Cl. 120—42)

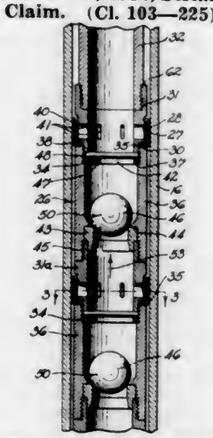
1. In a fountain pen, a barrel portion having a recess therein opening through one end thereof and a second recess opening through the opposite end of said barrel and communicating with said first recess and having a seat shoulder at the juncture of said recesses, said first recess including a threaded portion adjacent the outer end thereof, a plug member in said second recess, a pen point mounted on said plug, said plug including a spur portion having a pointed end positioned in said first recess beyond said shoulder, said plug having a passageway therein extending from adjacent said pointed end to the

nibs of said pen, said spur portion having a plurality of apertures therein adjacent the pointed end thereof and communicating with said plug passageway, a vial, said vial including a hollow body portion closed at one end and open at the opposite end, said vial body adjacent said closed end including an enlarged threaded portion and an enlarged head portion, said vial body adjacent said open end having a peripheral groove therearound, a cap member closing said open end of said vial and made of resilient material with an enlarged annular flange at the end



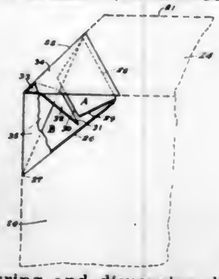
thereof, said cap being positioned over the open end of said vial body with said cap flange positioned in said body groove, said vial being positioned in said barrel recesses with said vial threads engaging said barrel threads and with said cap flange tightly engaging said barrel shoulder and with said spur member extending through said vial cap with said spur apertures positioned in said vial body beyond said cap bottom so that said apertures form communicating passageways between said plug passageway and the interior of said vial body.

2,061,060
NONSANDING PUMP
Anthony E. Carlson, Los Angeles, Calif.
Application October 18, 1932, Serial No. 638,297
1 Claim. (Cl. 103—225)



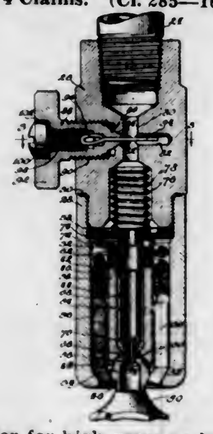
A pump piston of the character described, adapted to be operated in a pump barrel in a well, including: a plurality of cup washers of a size to fit said barrel, each cup washer having a cylindrical portion and a radial flange portion; a plurality of tubular members having an external diameter nearly as large as the internal diameter of said barrel; cooperating threaded means at the ends of said tubular members for connecting them together to form a piston having a passage for pumped liquid extending from end to end thereof, there being valve seat receiving shoulders associated with said threaded means for positioning and sealing valve seats within said tubular members, there being cooperating external shoulders formed in conjunction with said threaded means for engaging said radial flange portions of said cup washers when said threaded means are screwed together to connect said tubular members in end-to-end relationship, and there being a group of small openings disposed in the wall of said piston behind each of said cup washers connecting the inner wall of each cup washer with the passage through said piston; a plurality of annular valve seats, the number of said valve seats corresponding to the number of said cup washers, and one each of said valve seats being held in place in said passage of said piston by said valve receiving shoulders below the plane of the cup washer to which it corresponds; and a valve closure member disposed above each of said valve seats for closing engagement therewith.

2,061,061
MEASURING DISPENSER
George C. Conn, Cincinnati, Ohio
Application August 1, 1935, Serial No. 34,234
14 Claims. (Cl. 221—98)



1. A measuring and dispensing device for application to a container, said device comprising an inclined main wall and a partition member inclined to the main wall and having a terminal edge substantially uniformly spaced from the main wall, an upper edge on the main wall, and an overflow limit lip in the form of a wall coextensive in width with the upper edge of the main wall and extended toward the partition member, said overflow limit lip having a free terminal edge spaced from the plane of the partition member.

2,061,062
LUBRICATING APPARATUS
Ernest W. Davis, Oak Park, and Lynn A. Williams, Jr., Winnetka, Ill., assignors to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application January 28, 1935, Serial No. 3,712
4 Claims. (Cl. 285—169)

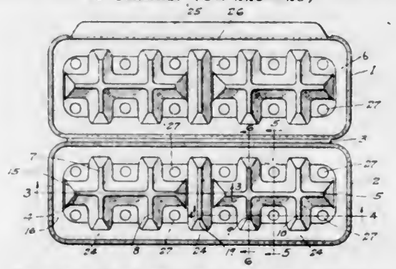


2. A coupler for high-pressure lubricating systems employing lubricant-receiving fittings, each having an end face of small diameter surrounded by a dirt-cutting edge and provided with an inlet opening, comprising a casing, means within the casing for mechanically attaching the coupler to a lubricant-receiving fitting, a nozzle slidable within said casing and having an apertured concave seating surface cooperable with the dirt-cutting edge of the fitting, an annular packing carried by said nozzle, and a high-pressure sealing element longitudinally slidable and tiltable in said packing, said element having a sealing tip extending through the aperture in the seating surface of said nozzle, said tip being of sufficiently small diameter to permit substantial lateral movement thereof in said aperture, and being engageable with the edge of the fitting surrounding its inlet opening to form a lubricant-tight seal therewith.

2,061,063
TANNING PROCESS
Charles Dangelmajer, Niagara Falls, N. Y., and Ezra Clinton Perkins, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del., a corporation of Delaware
No Drawing. Application April 12, 1935, Serial No. 16,023
3 Claims. (Cl. 149—4)

1. A tanning process comprising treating animal skins with a solution of a tanning agent containing a water soluble fatty acid amide.

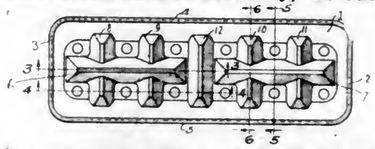
2,061,064
EGG CARTON
William J. De Reamer, Crown Point, Ind., assignor to Mapes Consolidated Manufacturing Company, Griffith, Ind., a corporation of Delaware
Application February 4, 1936, Serial No. 62,319
4 Claims. (Cl. 229—29)



1. In a moulded pulp carton, two halves hinged together, each of said halves having centrally arranged longitudinal ribs and transverse ribs intersecting said longitudinal ribs, said ribs coacting to form egg cells, the ribs of each half terminating short of the walls thereof, one of said halves being provided on its free side edge with at least one flap adapted to be tucked into the other complemental half between the transverse ribs and the side wall thereof.

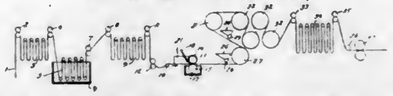
2,061,065
EGG TRAY
William J. De Reamer, Crown Point, Ind., assignor to Mapes Consolidated Manufacturing Company, Griffith, Ind., a corporation of Delaware
Application February 4, 1936, Serial No. 62,320
3 Claims. (Cl. 217—28)

1. In an egg receptacle, a tray having end and side walls, a centrally arranged longitudinal rib, transverse ribs, said ribs coacting to form egg cells, said longitudinal rib and the centrally disposed transverse rib projecting above the sides and ends of the walls of said tray, the other of



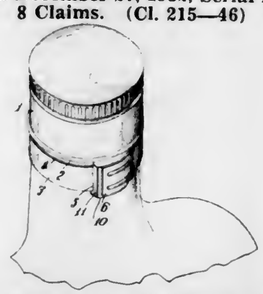
said transverse ribs being no higher than the walls of said tray, the major portion of said transverse ribs being each integrally attached from bottom to top thereof to said longitudinal rib.

2,061,066
ROLL ROOFING AND PROCESS OF MAKING SAME
Clarence R. Eckert, Englewood, N. J., assignor to The Barrett Company, New York, N. Y., a corporation of New Jersey
Application December 12, 1931, Serial No. 580,633
4 Claims. (Cl. 91—68)



1. The process of making roll roofing which comprises saturating a felt base with waterproofing material, simultaneously applying two contiguous stripes of cementitious waterproof coating material to said base, one stripe being substantially wider than the other, the wide stripe being thicker than the narrow stripe and the wide stripe being disposed with one longitudinal edge thereof contiguous to one longitudinal edge of said base, the combined width of both of said stripes being materially less than the width of said base, and partially embedding granular material in the wide stripe only.

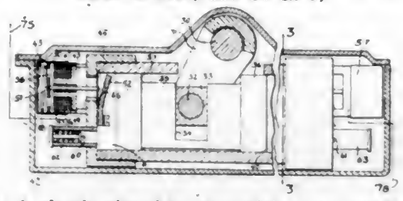
2,061,067
BOTTLE AND SEAL THEREFOR
Edward H. Fabrice, Chicago, Ill., assignor to Guardian Safety Seal Company, Chicago, Ill., a corporation of Illinois
Application December 27, 1932, Serial No. 648,947
8 Claims. (Cl. 215—46)



1. A sealed receptacle comprising a bottle having an externally threaded discharge portion and equipped with a preformed projection below and contiguous to said threads and presenting a rigid stop shoulder, a sheet metal closure cap having threaded engagement with said discharge portion of the said bottle and equipped with a skirt portion closely hugging the bottle neck below the said threads and including a terminal annular rip-strip severable from said cap, said

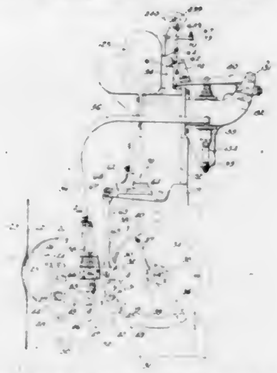
rip-strip being split at one point longitudinally of the cap, and presenting a rigid stop shoulder engaged with the shoulder of said projection for cooperation therewith to prevent removal of the cap from the bottle without first effecting severance of the rip-strip from the cap.

2,061,068
SHOCK ABSORBER
Henry Otten Fuchs, Dayton, Ohio
Application January 15, 1934, Serial No. 706,636
In Germany January 14, 1933
13 Claims. (Cl. 188—87)
(Granted under the provisions of Sec. 14, act of Mar. 2, 1927, 357 O. G. 5)



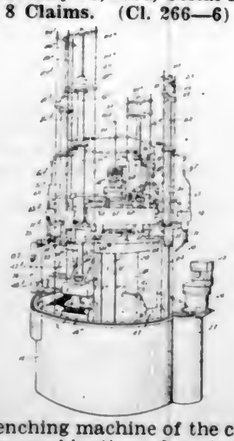
1. A shock absorber comprising, in combination, a housing providing two compartments therein and containing fluid; a piston movable in one of said compartments; a one-way valve between both compartments; a duct permitting flow between both compartments when said one-way valve is closed and an electromagnet for rendering said valve inoperative.

2,061,069
AUTOMATIC LIGHT CHANGER
Frank E. Garbutt, Thomas M. Ingman, and Harry G. Cunningham, Los Angeles, Calif.
Application March 10, 1934, Serial No. 714,990
20 Claims. (Cl. 95—75)



2. An automatic presetting device for use with a photographic device having a film and motivating means therefor, a light control, a leading preset member and a following preset member, including: chart means having indications of light changes thereon; a mover for moving said leading member from one position to another; actuating means controlled by said chart means and connected to said mover, for actuating said mover to carry said leading member into the consecutive positions determined by said indications, said actuating means including a plurality of cams adapted to engage and move said mover to different positions, said cams being normally disposed in retracted positions and being conditioned by said indications of said chart means for movement to actuate said mover, and means for moving such of said cams as have been conditioned for movement whereby to produce actuation of said mover; and means for producing a relative advancing movement between said chart means and said actuating means whereby consecutive parts of said chart means are caused to cooperate with said actuating means in accordance with the movement of said film.

2,061,070
QUENCHING MACHINE
Joseph Gogan, Lakewood, Ohio
Application May 16, 1935, Serial No. 21,749
8 Claims. (Cl. 266—6)



1. In a quenching machine of the character referred to the combination of a stationary base having a reservoir therein for the reception of the quenching medium, a turret rotatably supported by said base, means for rotating said turret, cooperating upper and lower sizing dies slidably supported by said turret, yieldable means for continuously urging the lower die into its raised position above the quenching medium, and means for moving said upper die into and out of the quenching medium.

2,061,071
SPOUT FOR LIQUID CONTAINERS
Warren W. Helle, Chicago, Ill.
Application February 26, 1934, Serial No. 712,870
7 Claims. (Cl. 221—23)



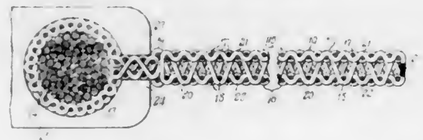
1. In a drain spout for a liquid container, cutting means on said spout for opening a hole in said container, a spring thread on said spout for fastening said spout on the container, and means for retaining said thread on said spout in a manner permitting yieldable longitudinal movement intermediate the ends but limiting longitudinal and rotary motion.

2,061,072
CARTRIDGE BELT FOR MACHINE GUNS AND THE LIKE
James A. Hendley, Middletown, Conn., assignor to The Russell Manufacturing Company, Middletown, Conn., a corporation
Application May 26, 1933, Serial No. 672,938
Renewed May 28, 1936
7 Claims. (Cl. 139—390)



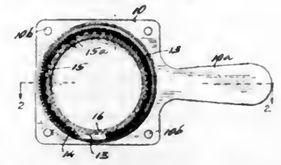
1. A strip-like woven cartridge belt comprising: a plurality of closely-spaced cartridge-receiving passages extending transversely through the belt and opening through the opposite side-edges thereof; the said belt having two sets of warp strands crossing each other at spaced-apart locations so as to alternately appear, first upon one face of the belt and then upon the other face to form the said cartridge-receiving passages; and weft or filling strands interwoven with each of the said sets of warp strands; corresponding portions of the two sets of warp strands adjacent one side-edge of the belt crossing each other at double the number and different spaced-apart locations from the crossing locations of the remaining portions of the two sets of warp strands, said double number of crossing locations being arranged in pairs, the crossing locations of each pair being located near but at opposite sides of a crossing location of said remaining portions of the two sets of warp strands.

2,061,073
ELASTIC TAPE FOR SLIDE FASTENERS AND THE LIKE
James A. Hendley, Middletown, Conn., assignor to The Russell Manufacturing Company, Middletown, Conn., a corporation
Application January 14, 1935, Serial No. 1,671
2 Claims. (Cl. 139—422)



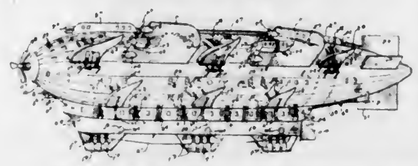
1. A multi-ply woven tape designed and adapted for the mounting of slide fasteners along one edge thereof comprising: two plys extending the full width of the tape, said plys being separated along one edge of the tape and the space created filled with stuffing strands to form a thickened edge, and said plys being closely adjacent one another for the remaining width of the tape and forming a relatively-thin flap-like body, all the weft picks of the ply portions forming said thickened edge consisting of inelastic strands, all the weft picks of the ply portions forming a major portion of the width of said flap-like body and which lie within a given ply consisting of elastic strands, said inelastic strands forming weft binder strands extending back and forth from ply to ply along the width of the flap-like body.

2,061,074
JAR HOLDING DEVICE
Charles Holtz, deceased, late of Minneapolis, Minn., by Lillian Holtz executrix, Minneapolis, Minn.
Substitute for application Serial No. 693,789, October 16, 1933. This application July 20, 1936, Serial No. 91,572
9 Claims. (Cl. 81—3.3)



1. A device for holding a cylindrical object from rotation about its axis having in combination, a casing, a flexible member having a frictional surface secured at one point to the inner wall of said casing and having a free end therein, said member extending loosely about the wall of said casing and adapted to receive said object and have its frictional surface in close proximity thereto to automatically grip the cylindrical surface of said object when the same is rotated substantially on its axis and longitudinally of said member in a direction from said point toward said free end.

2,061,075
AIRSHIP
Martin Jelalian, New York, N. Y.
Application November 3, 1934, Serial No. 751,335
1 Claim. (Cl. 244—28)



In a dirigible airship, a frame divided into a plurality of compartments, gas bags detachably secured in some of said compartments, and each provided with an outer guard wire frame, a plurality of pairs of centrally located vertically reciprocating wings arranged on the sides of said frame, the inner ends of said wings being flat and formed in the shape of a rectangle having their lower edges pivotally connected to said frame, the upper portion of said wings being provided with coiled pull spring connections with said frame, yoke shaped supports for each of said reciprocating wings secured to said frame adjacent said wings, each of said yoke shaped supports being provided with a pair of integral collars and also integral shafts extending upwardly therefrom and slidably mounted within tubular cylinders connected to the bottom of each of said reciprocating wings, coiled spring surrounding said shafts and connected to said collars and said wings, wing-actuating cables connected to said wings and passing over pulleys located between each pair of wings, and a motor mounted upon a fixed platform within a forward vacant compartment of said frame for simultaneously actuating the forwardly located opposite pair of said wings.

2,061,076

BITUMINOUS EMULSIONS

Lester Kirschbraun, New York, N. Y., assignor to The Patent and Licensing Corporation, New York, N. Y., a corporation of Massachusetts

No Drawing. Original application May 26, 1928, Serial No. 280,964. Divided and this application February 19, 1934, Serial No. 711,989

2 Claims. (Cl. 134—1)

1. A process of mixing a relatively stable aqueous emulsion comprising bitumen, water and a stable emulsifying agent with a relatively unstable aqueous emulsion comprising bitumen, water and an unstable emulsifying agent which normally would be broken by the relatively stable emulsion which comprises adjusting the hydrogen ion concentration of the relatively stable emulsion to approximately that of the relatively unstable emulsion whereby to render the relatively unstable emulsion compatible for mixing with the relatively stable emulsion, and then mixing the treated relatively stable emulsion with the relatively unstable emulsion.

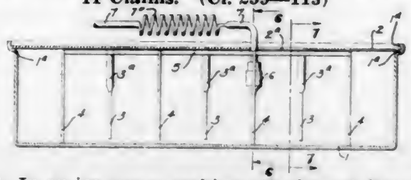
2,061,077

ICE CREAM MAKING ATTACHMENT FOR MECHANICAL REFRIGERATORS

Ralph D. Lacoe, San Diego, Calif.

Application September 26, 1934, Serial No. 745,579

11 Claims. (Cl. 259—113)



1. In an ice cream making attachment for mechanical refrigerators, a freezing receptacle provided with a plurality of spaced apart stationary paddle members, a plurality of shiftable paddle members mounted therein between said stationary paddle members, and means for reciprocating said shiftable paddle members, said stationary paddle members and said shiftable paddle members being provided with a plurality of variable size perforations therein, said stationary paddle members being spaced from the bottom of said receptacle.

2,061,078

AUTOMATIC IGNITION CUT-OUT FOR GAS ENGINES

Ralph D. Lacoe, San Diego, Calif.

Application October 17, 1934, Serial No. 748,767

11 Claims. (Cl. 290—38)



1. In an automatic ignition cutout apparatus for gas engines, a cylinder, a plunger reciprocally mounted therein, a vacuum pressure means connecting with one side of a plunger in said cylinder, a spring tending to hold said plunger against said vacuum pressure, a switch control means operable by said plunger, and ignition and starter switch means in controlled relation with said control for opening the ignition switch upon release of the vacuum from the engine.

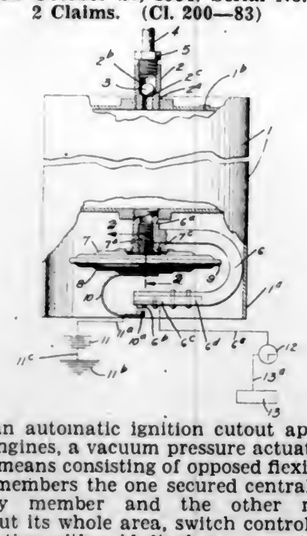
2,061,079

AUTOMATIC IGNITION CUTOUT APPARATUS FOR GAS ENGINES

Ralph D. Lacoe, San Diego, Calif.

Application October 26, 1934, Serial No. 750,143

2 Claims. (Cl. 200—83)



1. In an automatic ignition cutout apparatus for gas engines, a vacuum pressure actuated diaphragm, means consisting of opposed flexible diaphragm members the one secured centrally on a stationary member and the other movable throughout its whole area, switch control means in connection with said diaphragm consisting of a contact supported in connection with the stationary side of said diaphragm and another contact engageable therewith supported on the movable side of said diaphragm, and a substantially rigid walled vacuum tank in communication with and forming the stationary support for the stationary side of said diaphragm for providing substantially constant pressure to said diaphragm means.

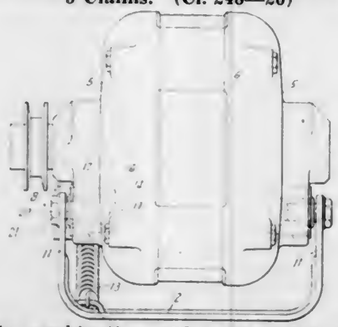
2,061,080

MOUNTING FOR MOTORS AND THE LIKE

George H. Leland, Dayton, Ohio, assignor of one-half to The Leland Electric Company, Dayton, Ohio, a corporation of Ohio

Application September 12, 1935, Serial No. 40,297

5 Claims. (Cl. 248—26)



1. In combination with a motor or the like comprising a frame and supporting members at the respective ends of said frame, said frame having recesses in the ends thereof, a body of yieldable material mounted in each recess, a pivot member mounted in said body of yieldable material and spaced from the wall of said recess, a pivot member secured to the adjacent supporting member and having supporting connection with the first mentioned pivot member, said connection being of such a character that said first mentioned pivot member may have oscillatory movement with relation to the last mentioned pivot member.

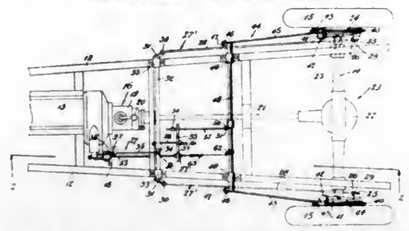
2,061,081

MOTOR VEHICLE BRAKE MECHANISM

Aubrey H. Lloyd, Norwalk, Conn.

Application February 2, 1934, Serial No. 709,457

18 Claims. (Cl. 192—13)



1. In a motor vehicle, the combination of a pair of driving wheels; a prime mover; brakes for said driving wheels; a manually operable mechanism for controlling said brakes; a transmission mechanism; a clutch pedal in said transmission mechanism adapted to connect said prime mover to the driving wheels for forward and reverse rotation of the latter, having operative and inoperative stations; and means adapted to automatically operate said braking mechanism and thereby prevent the motor vehicle from rolling backward when the clutch pedal is in the inoperative station.

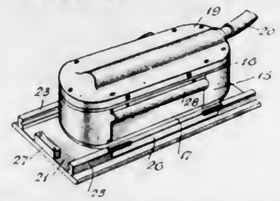
2,061,082

FLUID OPERATED MOTOR FOR SANDPAPERING MACHINES OR THE LIKE

Vincent Lobasso, New York, N. Y.

Refiled for abandoned application Serial No. 619,270, June 25, 1932. This application June 29, 1936, Serial No. 87,999

10 Claims. (Cl. 121—3)



1. In a fluid operated motor for sandpapering machines, a casing, a movable carriage associated with said casing, a driving arrangement for said carriage within said casing and including a plurality of links having ducts therein, pistons carried by said links, and means to supply fluid pressure to said ducts to move said pistons to operative positions and to propel the same.

2,061,083

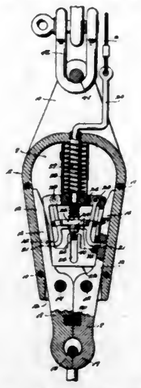
HOISTING BLOCK

Matti Nieml, Seattle, Wash.

Application March 19, 1934, Serial No. 716,271

9 Claims. (Cl. 294—116)

6. The combination with a movable member, and means for guiding said member, means comprising a pair of pivotally supported fingers operative to lock said member against movement, a spring for influencing said fingers into locking positions, positive means for locking said fingers



against retraction from the locking positions of the same, and means for rendering said finger-locking means and the spring successively inoperative to allow movement of the member.

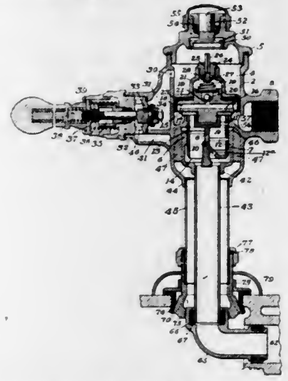
2,061,084

FLUSHING VALVE

Thomas F. Payne, Cincinnati, Ohio

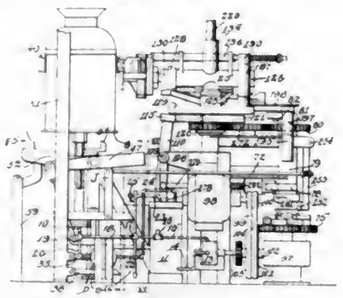
Application August 15, 1931, Serial No. 557,230

6 Claims. (Cl. 137—93)



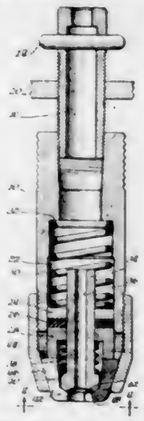
1. A valve of the class described comprising a casing having a water inlet connection and having two water outlet connections, a valve sleeve in said casing having a slide valve therein, a water passage in the casing around the upper part of the sleeve, upper and lower ports in the slide valve adapted to be moved successively into the water intake passage at the top of the sleeve upon movement of the slide valve upwardly, a channel in said sleeve communicating with one of said outlet passages, means for establishing communication between the upper port of the slide valve and the channel when the upper port first communicates with the water inlet passage and for closing communication between the upper port and the channel when the lower intake port of the slide valve communicates with the water inlet passage, said valve providing a passageway to the second outlet passage from the lower port, and a pressure responsive head for operating the slide valve.

2,061,085
MILK CAN DUMPING MACHINE
Harry M. Price, Waukegan, Ill.
Application March 2, 1935, Serial No. 8,981
19 Claims. (Cl. 221—69)



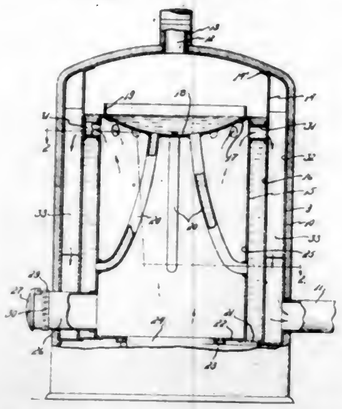
1. In a device of the class described, means for receiving a can in erect position, means for elevating said can while erect, means contactible by the upper end of a can for limiting the elevation of said can, and means circumferentially engaging said can a fixed distance below said limiting means for swinging said can away from its then position and overturning said can and depositing it in inverted position at a point angularly remote from the elevating means.

2,061,086
LUBRICATING APPARATUS
Walter G. Nord, Amherst, Ohio, assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application April 5, 1934, Serial No. 719,086
3 Claims. (Cl. 285—169)



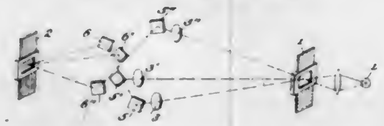
3. In a coupler for high pressure lubricating apparatus, the combination of a body having an axial bore therein, a piston reciprocable in said bore, a spring engageable with said piston to force the latter outwardly, a casing threaded to said body and having an inwardly tapering surface, a plurality of jaws engageable with said surface and actuated by said piston, a nozzle reciprocable in said piston and having a spherically concave contact surface for making a lubricant-tight sealed connection with a lubricant receiving fitting, and a spring positioned between said piston and said nozzle and operable to force said nozzle into engagement with the fitting.

2,061,087
STEAM BOILER
John J. Power, Detroit, Mich.
Application August 25, 1934, Serial No. 741,421
3 Claims. (Cl. 122—166)



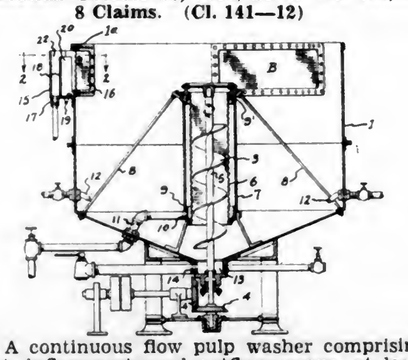
3. In a boiler, an enclosing shell; an intermediate shell within and spaced at its periphery from said enclosing shell and connected thereto at opposite ends to provide a compartment surrounding said intermediate shell; an inner shell positioned within and spaced at its periphery from said intermediate shell and connected therewith at its lower end to provide a water leg; an open shallow-pan-like structure supported on the upper end of said inner shell and forming a closure for the top of said inner shell to provide a combustion chamber, the bottom of said pan-like structure being concave, with its convex side directed downwardly; and a plurality of tubes communicating with said pan through the bottom thereof and communicating with the interior of the water leg, the bottom of said pan being positioned normally below the water level of the boiler.

2,061,088
ARRANGEMENT FOR THE COPYING BY PROJECTION OF LENTICULATED FILMS
Kurt Räntsch, Berlin-Teltow, Germany, assignor to Opticolor Aktiengesellschaft, Glarus, Switzerland, a corporation of Switzerland
Application November 10, 1934, Serial No. 752,529
In Germany November 10, 1933
8 Claims. (Cl. 88—24)



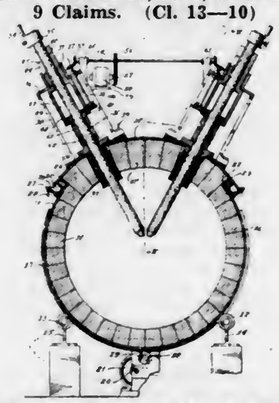
1. In combination, an original and a copy film, one of said films having thereon a multiplicity of lenticulations behind each of which a group of color records is formed, and means for projecting from the original film to the copy film a plurality of beams of light corresponding in number to the number of color records in a group, the means for thus projecting each beam comprising a lens and a pair of mirrors parallel to each other but disposed at a substantial angle to the axis passing through the centers of the two films.

2,061,089
FILTERMASSE WASHER
James A. Rheinstrom, Cincinnati, Ohio, assignor to The Karl Kiefer Machine Company, Cincinnati, Ohio, a corporation of Ohio
Application October 26, 1934, Serial No. 750,182
8 Claims. (Cl. 141—12)



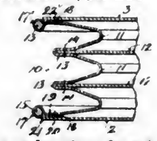
1. A continuous flow pulp washer comprising a vat, inflow ports and outflow means, at least one of said outflow means comprising a box having a bottom and four sides, one of said sides being foraminated, said vat having a portion of its side wall cut away, said cut-away portion being of the same size as said foraminated side of said box, and said cut-away portion being positioned in said vat wall so that a portion will be above the water line of said vat, said box being fastened on the outside of said vat wall so that said foraminated side will register with said cut-away portion, an outlet port within the bottom of said box, and a baffle plate vertically placed across said box and connected to the sides thereof in sealed relationship between said outlet port and said foraminated side to divide the box into two chambers, the top edge of said baffle plate being at the water line of said vat.

2,061,090
ELECTRIC FURNACE
Albert E. Rhoads, Detroit, Mich., assignor to Detroit Electric Furnace Company, Detroit, Mich., a corporation of Michigan
Application November 16, 1933, Serial No. 698,284
9 Claims. (Cl. 13—10)



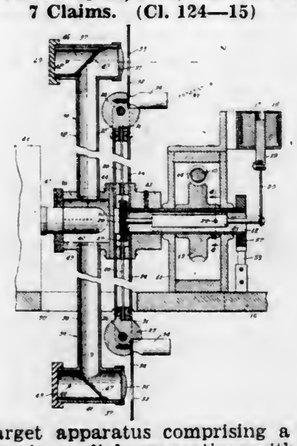
9. In a furnace having a casing with a refractory wall defining a melting chamber provided with an opening, a removable unitary structure adapted to provide a closure for the opening, said removable unitary structure comprising a refractory wall section, a pair of electrodes supported on said section and movable therethrough to project into the melting chamber, and power feed means for moving said electrodes mounted on said section and connected to said electrodes.

2,061,091
BRIEF CASE AND SIMILAR ARTICLE
Jacob Roth, Brooklyn, N. Y.
Application August 8, 1935, Serial No. 35,291
2 Claims. (Cl. 150—1.6)



1. In a brief case having front and rear sections defining a receptacle, a gusset connecting said sections, said gusset at the edges thereof being folded back on itself to form loops adjacent said sections, and stiffening members positioned in said loops and secured to the gusset.

2,061,092
TARGET DEVICE
Nathen E. Squire, Chicago, Ill., assignor to Ford Amusement Devices, Inc., Chicago, Ill., a corporation of Illinois
Application July 15, 1936, Serial No. 90,788
7 Claims. (Cl. 124—15)

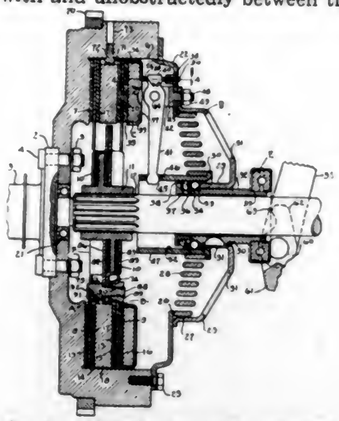


1. A target apparatus comprising a movable member having radial arm portions with light receiving areas therein and having a central chamber with a light sensitive element therein, channel portions communicating from said chamber to said receiving areas, and means positioned relative to said receiving areas for directing light passing therefrom through a said channel portion to the said light sensitive element in said chamber.

2,061,093
CLUTCH
John W. Tatter, Detroit, Mich., assignor of one-half to George B. Ingersoll, Dearborn, Mich.
Application October 5, 1931, Serial No. 566,914
8 Claims. (Cl. 192—109)

1. In a clutch, the combination of a revolvably mounted housing provided with an open chamber, said housing having portions of itself displaced to form inner and outer annular portions forming wall portions of its open chamber, solely cast metal filling the total space of the open

chamber of said housing, said cast metal having a clutch thrust surface extending substantially flush with and unobstructedly between the edges



of the inner and outer annular portions of said housing, and a revolvably mounted friction member adapted to engage the clutch thrust surface of said cast metal.

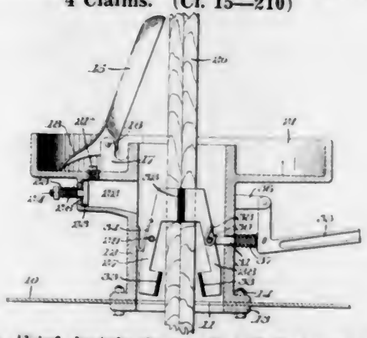
2,061,094

OIL FIELD TANK EQUIPMENT

James M. Thomas, Lefors, Tex., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

Application August 30, 1932, Serial No. 630,998

4 Claims. (Cl. 15—210)



1. A thief hatch for a liquid holding tank, said tank being provided with an opening in its roof through which sampling and measuring instruments may be inserted into and removed from said tank, comprising a vertical housing surrounding said opening, a wiping member pivotally mounted in said housing, a shaft movably mounted in said housing, a second wiping member pivotally mounted on one end of said shaft and disposed opposite said first mentioned wiping member, and a lever for engaging the other end of said shaft to force said second wiping member toward said first wiping member so that said members will engage a measuring device and strip from said device liquid adhering thereto.

2,061,095

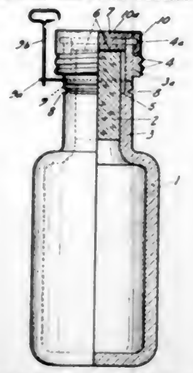
BOTTLE

Arthur G. Bush, Davenport, Iowa

Application October 5, 1934, Serial No. 747,004

6 Claims. (Cl. 215—32)

1. A combined bottle and closure comprising a body, a neck united thereto, a seat formed in the lower part of the neck, a closely fitting stopper secured in the seat and extending above the seat, an offset in the inner wall of the neck leaving an annular space between such wall and the upper portion of the stopper, a flange united to the top of the neck and extending outward radially therefrom, threads formed integral with



the neck a short distance below the flange and of slightly larger diameter than the flange, a cap having threads corresponding to the threads on the neck and seated thereon, a central opening in the top of the cap, a packing disc seated within the neck adjacent the stopper, and an irremovable filler filling the interior of the neck and the cap.

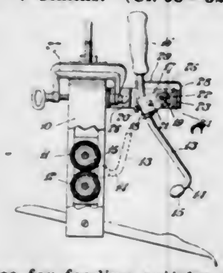
2,061,096

FEEDING ATTACHMENT FOR CLOTHES WRINGERS

Charles Elser, Pine Hill, N. J., assignor of one-half to Albert Gauden, Pine Hill, N. J.

Application March 8, 1935, Serial No. 9,999

7 Claims. (Cl. 68—32)



1. A device for feeding articles to the squeeze rolls of a clothes wringer comprising a bracket mounted on a portion of the wringer intermediate the ends of the squeeze rolls, a pivoted member mounted in said bracket, a feed rod carried by said pivoted member, said feed rod having a portion inturned toward the squeeze rolls and being provided with an integral enlarged rounded end portion, the other end portion of the rod being provided with an operating handle, and means operative on said feed rod for retracting the rounded end portion of said feed rod from the squeeze rolls.

2,061,097

LUMINOUS DIAL

Rufus G. Fordyce, Chicago, Ill., assignor to Radium Dial Company, New York, N. Y., a corporation of Delaware

Application June 2, 1933, Serial No. 673,992

11 Claims. (Cl. 40—10.5)

1. In a device of the character described, a rotatable dial, a carrier surrounding said dial having thereon a plurality of self-luminous indicia, a plurality of short focus lenses, and annular means for mounting each lens a predeter-



mined fixed distance from a corresponding area of said carrier for resolving the light from the indicia to enhance the visual delineation thereof.

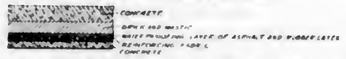
2,061,098

WATERPROOFING MASONRY STRUCTURE

Arthur A. Johnson, Great Neck, N. Y., assignor to Johnson-March Corporation, a corporation of Delaware

Application May 24, 1933, Serial No. 672,568

2 Claims. (Cl. 61—45)



1. The method of waterproofing masonry structures which consists in applying cold to the surface of the masonry to be waterproofed, a permanently elastic waterproofing layer comprising a water emulsion of asphalt having rubber latex incorporated therein, applying fabric over said waterproofing layer, applying a further waterproofing coating over the fabric and laying a protective wall of concrete over said waterproofing.

2,061,099

HIGH TEMPERATURE REFRACTORY

John D. Morgan, South Orange, N. J., and Russell E. Lowe, New York, N. Y., assignors to Doherty Research Company, New York, N. Y., a corporation of Delaware

No Drawing. Application September 24, 1934, Serial No. 745,290

10 Claims. (Cl. 106—9)

1. A composition comprising zircon, electrically fused refractory compounds, and silicon bonded together by the reaction products of phosphoric acid therewith.

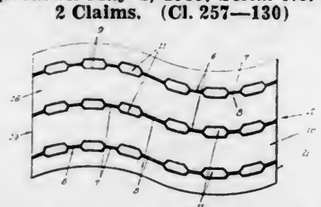
2,061,100

RADIATOR CORE

Oscar C. Palmer, Phoenix, Ariz.

Application May 1, 1935, Serial No. 19,129

2 Claims. (Cl. 257—130)



1. In a radiator core, a plurality of tube members, each comprising a pair of opposed plates having beads extending longitudinally thereof, the inner sides of said beads being hollow and corresponding beads of the two opposed plates of each of said tube members being in registry with each other to define water tubes, and the two plates of each tube member contacting each other throughout the length of the plates and for a material width thereof between each two adjacent water tubes and at both lateral edges of the plates, thereby presenting a plurality of parallel strips extending longitudinally of the tube members and spaced thereacross, where said members are of minimum thickness, said tube members being curved to arcuate form in section taken perpendicularly to said tubes, and a spacing fin interposed between each two adjacent tube members, each of said fins having arcuate corrugations extending transversely thereof and making contact with the associated tube members throughout substantially the entire length of the curved crests of said corrugations, the crests of said corrugations having spaced recesses therein and corresponding recesses of all crests on each side of each fin being aligned to receive the beads of the associated tube members therein.

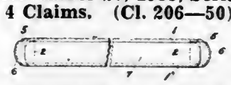
2,061,101

REEL

Samuel Platt, San Mateo, Calif.

Application November 27, 1933, Serial No. 699,838

4 Claims. (Cl. 206—50)



1. A reel comprising a rectangular skeleton frame, a pair of separate sheets of paper of similar size and shape respectively pasted on opposite sides of the frame, said sheets having margins extending beyond the frame at its four edges thereof, said margins being pasted in over-lapping arrangement over the edges of the frame respectively and terminating along the outer surfaces of the edges of the frame and each of the sheets notched adjacent its four corners providing tabs adapted to be folded in the plane of the frame around the corners thereof and pasted thereto.

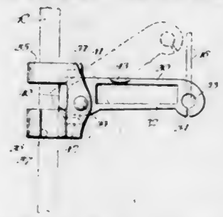
2,061,102

ROD GRIPPING DEVICE

James P. Ratigan, Los Angeles, Calif.

Application October 30, 1934, Serial No. 750,744

13 Claims. (Cl. 24—248)



1. A rod gripping device comprising oppositely facing fixed members each arranged to partially encircle a rod, and a clamping means between and opposed to said members, said members being spaced to permit them to be placed upon a rod when the device is turned to cause the members to straddle the rod.

2,061,103

TRUSS

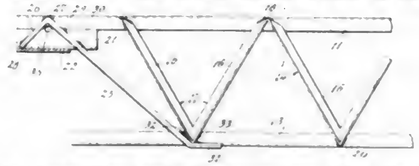
John D. Roberts, Waco, Tex., assignor to Central Texas Iron Works, Waco, Tex., a copartnership composed of G. W. Oates, John Douglas Roberts, Oliver Winchell, and Emette Julian Oates

Application April 29, 1935, Serial No. 18,949

4 Claims. (Cl. 189—37)

2. A truss comprising, in combination, top and bottom chords each consisting of two spaced angle irons; a zig-zag web member welded to the chords and comprising a plurality of members each intersecting the two chords at the same angle; and a tension member which is rectangular in cross-

section at each end of the truss; the lower end of the tension member being welded to the bottom chord at the first panel point of the bottom chord; the tension member extending upwardly at an angle to the lower chord which is more



acute than the angle between any part of the web member and the lower chord; the upper end of the tension member being welded to the top chord substantially at the horizontal center of gravity of the top chord angles.

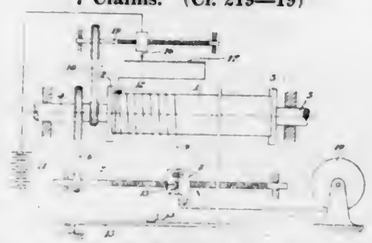
2,061,104
AZO DYESTUFFS
Hans Roos, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application June 5, 1935, Serial No. 25,180. In Germany June 23, 1934
3 Claims. (Cl. 260—77)

1. Azodyestuffs of the general formula

$$R_2—N{=}N—R_1—CO—NH—R—N{=}N—R_3$$

wherein —NH—R—N= stands for the radical of a meta or para diamine of the benzene series, R_1 for a radical of the benzene series, R_2 for the radical of an aromatic o-hydroxy-carboxylic acid, and R_3 for the radical of a 2-(aminoaroylamino)-5-hydroxynaphthalene-7-sulfonic acid, dyeing the vegetable fiber generally orange to red shades of good dischargeability, both with a neutral and an alkaline discharge paste.

2,061,105
METHOD AND DEVICE FOR REENFORCING ARTICLES AND STRUCTURES MADE FROM CONCRETE AND THE LIKE
Bohuslav Ruml, Prague, Czechoslovakia
Application October 11, 1935, Serial No. 44,574
In Belgium October 11, 1934
7 Claims. (Cl. 219—19)



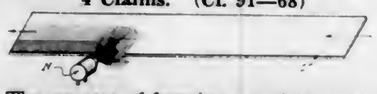
6. In a device for heating a transverse metal reenforcement wire during its disposal on a rigid core for the construction of hollow reenforced bodies, a source of electric current, a first brush contact piece connected to the source of electric current and in sliding contact with the portion of the wire about to be wound on the core, a second contact piece connected to the source of electric current and to the portion of wire already wound on the core, and means for varying the supply of electric energy to the portion of wire comprised between the two contact pieces proportionally to the increase of the length of that portion of wire.

2,061,106
RESISTANCE ELEMENT
Newton C. Schellenger, Elkhart, Ind., assignor to Chicago Telephone Supply Co., Elkhart, Ind., a corporation of Indiana
Application April 17, 1933, Serial No. 666,444
3 Claims. (Cl. 201—76)



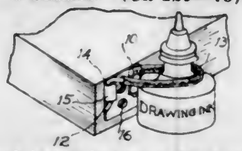
1. A variable resistance element comprising a plurality of superposed conductive coatings, one of said coatings being of less extent than an immediately adjacent coating, said coating of lesser extent having an edge which tapers from the density of the body of the layer to zero density by progressive separation of particles of the conductive coating.

2,061,107
METHOD OF MAKING RESISTANCE ELEMENTS
Newton C. Schellenger, Elkhart, Ind., assignor to Chicago Telephone Supply Co., Elkhart, Ind., a corporation of Indiana
Application November 2, 1934, Serial No. 751,192
4 Claims. (Cl. 91—68)



1. The process of forming a resistance element having a plurality of resistance sections characterized by different specific resistivities which comprises, depositing on a base a conductive coating, and spraying on said base a conductive coating material superimposed over a portion of said first coating, said spray being controlled to taper, at a boundary of the second coating, the amount of coating material deposited on a unit area of surface.

2,061,108
DRAWING INK BOTTLE HOLDER
Emil E. Shattow, Chicago, Ill.
Application November 22, 1934, Serial No. 754,305
2 Claims. (Cl. 120—73)

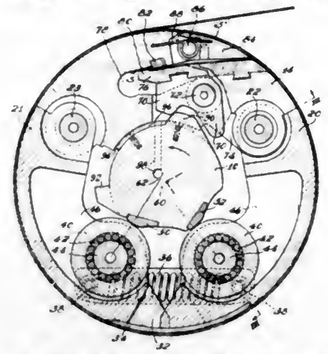


1. In an ink bottle holder a fixed plate member, a resilient loop member detachably mounted thereon, loop retaining sections formed on said plate member, said loop member being detachably held to said plate member by out-turned sections.

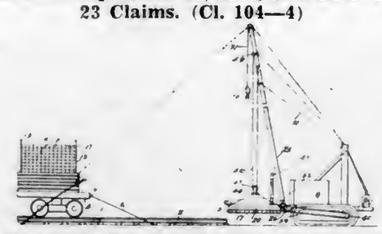
2,061,109
REEL
Maurice P. Sieger, Pittsburgh, Pa., assignor to United Engineering & Foundry Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application June 12, 1935, Serial No. 26,100
18 Claims. (Cl. 242—72)

18. A reel comprising a central shaft, a hub mounted for relative rotation at each end of said shaft, a fixed segment supported by said hubs, a collapsible segment pivoted to said fixed segment, said shaft being disposed upon relative

movement to engage and expand the free end of said collapsible segment, said shaft being supported intermediate said hubs by said fixed segment.



2,061,110
TRACK LAYING AND PICKING-UP MACHINE AND METHOD
Roy Stauffer, Los Angeles, Calif.
Application September 16, 1935, Serial No. 40,681
23 Claims. (Cl. 104—4)



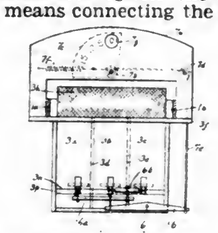
1. Rail track laying apparatus including means for spotting a stack of parallel ties, and a tractor movable on grade bed ahead of the stack and having a gang of tongs for concurrently picking up a full tier of the ties from the presented stack, and means including a control on the tractor for successively opening the tongs while the tractor is in motion to drop the ties.

2,061,111
MANUFACTURE OF ANTI-OXIDANTS
Donald R. Stevens, Swissvale, and William A. Gruse, Wilkinsburg, Pa., assignors, by mesne assignments, to Gulf Oil Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application December 13, 1933, Serial No. 702,258
11 Claims. (Cl. 23—239)

1. A process of making antioxidants which comprises treating a cracked petroleum distillate with a mixture of a phenol and sulfuric acid in proportions ranging from about 2 to 6 pounds of sulfuric acid and 2 to 12 pounds of the said phenol to one barrel of cracked distillate, said treatment being conducted at ordinary temperatures, freeing the reaction mixture of acid sludge formed during reaction, washing the sludge-free mixture with an aqueous alkali solution and fractionally distilling the alkali washed mixture to recover a fraction distilling between 365° and 600° F.

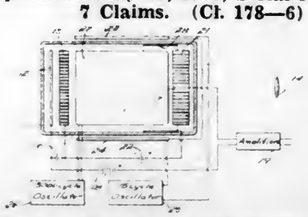
2,061,112
GAME DEVICE
Ralph B. Stewart, Chevy Chase, Md.
Application November 9, 1933, Serial No. 697,332
20 Claims. (Cl. 273—118)

7. A game device having a plurality of targets each having a set position and a tripped position, an indicator to register the hits made on said targets, means connecting the targets to the



indicator for actuating the indicator, said means including a single biasing element for biasing all of said targets individually to one of said two positions.

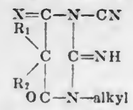
2,061,113
CONTROL SYSTEM FOR ELECTRON EMISSION
Thomas W. Sukumlyn, Los Angeles, Calif.
Application May 20, 1931, Serial No. 538,723
7 Claims. (Cl. 178—6)



1. In a system for electric scanning, a photoelectric cathode, an anode, means for causing relative movement between the beam of electrons emitted from the cathode, and the anode, and means in the path of the beam for dividing the beam into concentrated elemental beams, said dividing means comprising a series of electrical plates that are alternately negative and positive with respect to each other.

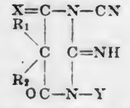
2,061,114
N-MONOALKYLATED 5.5-DISUBSTITUTED BARBITURIC ACIDS
Ludwig Taub and Walter Kropp, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company Inc., New York, N. Y., a corporation of New York
No Drawing. Application December 3, 1932, Serial No. 645,636. In Germany December 31, 1931
20 Claims. (Cl. 260—33)

1. Barbituric acid derivatives of the formula:



wherein R_1 and R_2 stand for a substituent selected from the group consisting of alkyl and alkenyl of mono-nuclear aryl and cycloalkenyl, and X stands for a member of the group consisting of O and =NH, which barbituric acid derivatives are whitish crystalline substances insoluble in water but more soluble in alcohols.

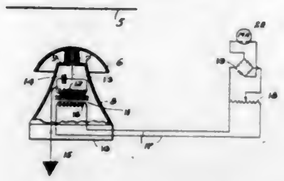
12. The process which comprises reacting upon a barbituric acid derivative of the formula:



wherein R_1 and R_2 stand for a substituent select-

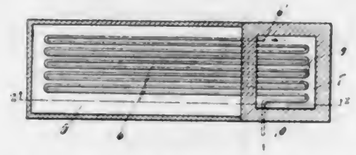
ed from the group consisting of alkyl and alkenyl, of mono-nuclear aryl and cycloalkenyl, X stands for a member of the group consisting of O and =NH, and Y stands for a member of the group consisting of alkali metals, alkaline-earth metals, and tertiary bases with an alkylating agent in the presence of a diluent which is inert to the reacting components, saponifying the alkylation product formed by heating with a saponifying agent and isolating the 5.5-di-substituted N-monoalkylated barbituric acid formed from the acid reaction solution.

2,061,115
HIGH POTENTIAL INDICATOR
Gordon Buchanan Tebo and John C. Burkholder, Toronto, Ontario, Canada
Application December 14, 1934, Serial No. 757,464
10 Claims. (Cl. 175—183)



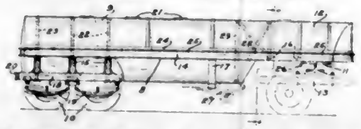
1. In a device of the class described, a case having a supporting base and a top wall closing the top of the case and having a small hole leading into the case, an insulator mounted on said top wall and having an opening therethrough in register with said hole in the top wall, an imperforate pick-up plate supported by the insulator and having its walls downwardly inclined to shield the insulator and a lead from the pick-up plate extending through the insulator opening and the hole in the top wall to the interior of the case.

2,061,116
METHOD AND APPARATUS FOR MAINTAINING A CONSTANT TEMPERATURE WITHIN AN INCLOSURE
James K. Thornton, Alma, Mich.
Application March 26, 1931, Serial No. 525,475
8 Claims. (Cl. 62—91.5)



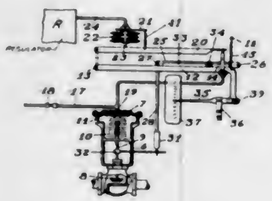
1. In a refrigerating apparatus of the character described, a refrigerating compartment, a heat insulated refrigerant containing compartment adapted to contain a refrigerant which forms a cold gas upon the absorption of heat, a tubular conduit communicating at one end with the refrigerant containing compartment and adapted to convey the cold gas therefrom, said tubular conduit thereafter passing alternately and repeatedly in heat exchanging relation with the refrigerating compartment and the refrigerant and having a discharge end communicating with the atmosphere whereby gas evolved from the refrigerant will pass alternately and repeatedly in heat exchanging relation with the refrigerating compartment and the refrigerant.

2,061,117
TRAILER TANK ASSEMBLAGE
Frederick G. Thwaits, Wauwatosa, Wis., assignor to The Heil Co., Milwaukee, Wis., a corporation of Wisconsin
Application May 15, 1935, Serial No. 21,548
8 Claims. (Cl. 280—5)



1. A semi-trailer tank vehicle, comprising, a cradle frame consisting of a continuous substantially horizontal upper beam and front and rear lower transverse supporting beams connecting the sides of said upper beam, a tank mounted within said cradle frame with its front and rear ends engageable with the front and rear portions of said upper beam and resting primarily upon said transverse beams, trailer wheels coacting with said rear transverse beams, and a fifth-wheel element coacting with said front transverse beams beneath a reduced forward portion of the tank.

2,061,118
REGULATOR
William H. Vogt, Rochester, N. Y., assignor to Taylor Instrument Companies, Rochester, N. Y., a corporation of New York
Application August 23, 1935, Serial No. 37,528
12 Claims. (Cl. 137—139)

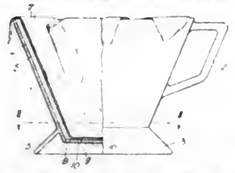


1. In an element positioning unit, a baffle lever and a nozzle lever, both movable about a common axis, said nozzle lever having mounted thereon a nozzle in operative relation to said baffle lever, means for effecting relative movement between said baffle lever and said nozzle in response to a variation in a condition, a regulating element, pneumatic means controlled by said nozzle and baffle lever for moving said element, and means including a link connected to said element for effecting relative movement between said nozzle lever and said baffle lever.

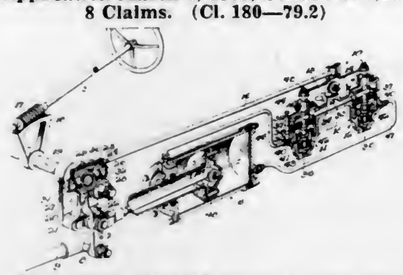
2,061,119
COFFEE FILTER
Ottomar Voigt, Dusseldorf, Germany, assignor of one-half to "Blitz-Filter" G. m. b. H., Berlin, Germany
Application May 7, 1936, Serial No. 78,295
In Germany December 27, 1933
4 Claims. (Cl. 210—162)

1. A filtering vessel for coffee or the like comprising an imperforate outer wall, means for removably supporting said vessel upon a receiving

vessel so that the major portion of said wall is located above and outside of said receiving vessel, a plurality of channels at the inside of said wall, and a bottom, said channels extending downwardly and through said bottom and having openings at their lower ends whereby when a filtering layer is inserted in said filtering vessel adjacent said channels and a fluid is filtered through said layer, the filtrate flowing downwardly through said channels passes off quickly through said channel openings.



2,061,120
STEERING MECHANISM
Stephen Vorech, Pittsburgh, Pa., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa., a corporation of Delaware
Application March 5, 1935, Serial No. 9,468
8 Claims. (Cl. 180—79.2)



1. In a power-operated steering mechanism for vehicles having a manually-operated oscillatable steering shaft, a steering arm journalled on said shaft, a fluid motor operatively connected with said arm, valve means for controlling the flow of fluid to and from said motor, and means including a lever for operating said valve means, said lever having an operative connection at one end with said shaft, and a lost motion connection at its other end with said shaft, the lost motion connection including a hydraulic damping device for preventing sudden and abrupt operation of said valve means.

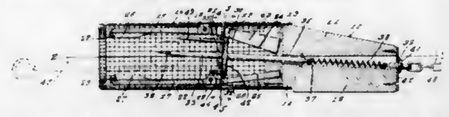
2,061,121
BAKED GOODS AND PROCESS OF MAKING SAME
Verling M. Votaw and Herbert S. Coith, Wyoming, Ohio, assignors to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application October 3, 1932, Serial No. 636,014
15 Claims. (Cl. 99—92)

1. In the process of making cakes containing more sugar than flour and containing shortening, the step which comprises incorporating in the mix free fatty acid of molecular formula containing predominantly not fewer than 16 carbon atoms, the amount of free fatty acid being not substantially less than 2% of the total weight of the shortening employed and being sufficient to increase substantially the volume of the cakes after baking as compared with similar cakes containing the same shortening without added free fatty acid.

2,061,122
COOKING FAT AND PROCESS OF MAKING SAME
Herbert S. Coith and Verling M. Votaw, Wyoming, Ohio, assignors to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application October 3, 1932, Serial No. 636,016
24 Claims. (Cl. 99—123)

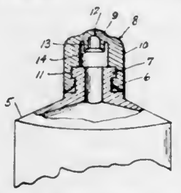
1. A substantially dry shortening agent of lard-like to solid consistency comprising edible fat and added free fatty acid of molecular formula containing predominantly at least 16 carbon atoms, the amount of added free fatty acid being sufficient to effect substantial increase in volume of cakes baked with the shortening agent and containing more sugar than flour as compared with similar cakes baked with a shortening agent otherwise similar but without the increased free fatty acid content.

2,061,123
GAME TRAP
Charles Martin Ward, Franklin, Mo., assignor of one-fifth to James B. Ward, St. Louis, Mo.
Application November 27, 1935, Serial No. 51,927
4 Claims. (Cl. 43—79)



1. A trap comprising a body, a cylindrical wire mesh guard projecting in axial alignment with the body and open at the forward end, opposed jaws pivoted intermediate their ends in the guard, a spring controlled trigger slidable axially of the body, a bracket arm adapted to hold the trigger set, and cam means between the jaws and the trigger adapted to close the jaws when the trigger is released.

2,061,124
COLLAPSIBLE TUBE CLOSURE
George J. Walther, Winona, Minn.
Application January 29, 1936, Serial No. 61,402
1 Claim. (Cl. 221—60)

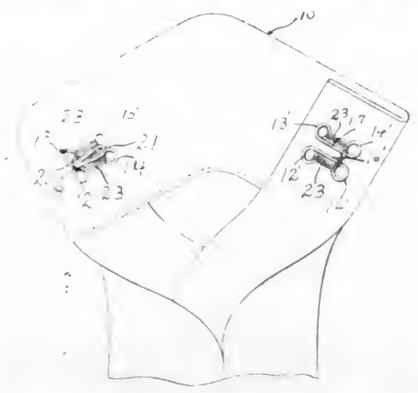


A cap for a collapsible tube comprising a cup-shaped member of elastic material having a discharge slit in the top thereof, the elasticity of the cap normally maintaining the slit closed, and a depending tubular formation in the cap, said formation depending from the upper portion of the cap in alignment with the slit and having relatively thin walls of elastic material disposed in spaced concentric relation with the walls of the cap and responsive to pressure surrounding the tubular formation to open the slit.

2,061,125
SEPARABLE FASTENER
Harold Wener, Herkimer, N. Y.
Application March 19, 1936, Serial No. 69,631
1 Claim. (Cl. 24—228)

A fastening means for a hook and eye separable fastener, said fastening means compris-

ing loops arranged in a plurality of pairs on said hook and eye elements, each pair of loops arranged in opposed relationship considered longitudinally of the hook and eye elements respectively, each loop having a portion defining an



internal angle, the point of each angled portion of one of a pair of opposed loops facing the point of the other angled portion of the other of the same pair of loops, each pair of opposed loops adapted to receive a fastening thread.

2,061,126

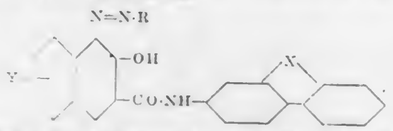
WATER-INSOLUBLE AZO DYESTUFFS AND FIBER DYED THEREWITH

Karl Zahn, Kurt Schimmelschmidt, and Heinrich Koch, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Original application February 3, 1932, Serial No. 590,782. Divided and this application January 6, 1933, Serial No. 650,584. In Germany February 7, 1931

12 Claims. (Cl. 260—46.1)

1. The water-insoluble azo dyestuffs of the following general formula:



wherein R represents an aromatic radical, Y stands for one of the group consisting of hydrogen, alkoxy and halogen and X stands for a substituent of the group consisting of CH_2, CO, NH and O, yielding, when produced on the fiber, dyeings the shades of which vary from orange to red to violet to blue to black and being distinguished by great tinctorial power, partially by a good fastness to light.

2,061,127

COATED FABRIC

Alfonso M. Alvarado, Robert B. Flint, and Leo Phillip Hubbuch, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application April 26, 1934, Serial No. 722,502

13 Claims. (Cl. 91—68)

7. A fabric coated with a composition comprising hydrogenated rubber, ethyl cellulose, and an alkyl phthalate.

2,061,128

SEPARATION OF AMMONIUM SALTS FROM THEIR MIXTURES WITH OTHER SALTS

Louis Andrès, Grand-Couronne, France, assignor to Société d'Etudes pour la Fabrication et l'Emploi des Engrais Chimiques, Paris, France

No Drawing. Application December 18, 1934, Serial No. 758,144. In France January 13, 1934

6 Claims. (Cl. 209—171)

1. A process for the separation of ammonium salts from their mixtures with other non-ammoniacal salts comprising placing the mixture of the salts to be separated in suspension in a liquid of a density lower than that of each of the non-ammoniacal salts of the mixture and inactive to all of the salts of the mixture, pouring into the suspension of flotation liquid having a density lower than that of the suspension liquid and incompletely miscible therewith, agitating the mixture, allowing the agitated mixture to stand in a large body, collecting the pulp floating on the surface which contains the flotation liquid and the ammonium salts of the original mixture, separating the ammonium salts from the flotation liquid, collecting the non-ammoniacal salts at the lower portion of the body, and separating them from the suspension liquid.

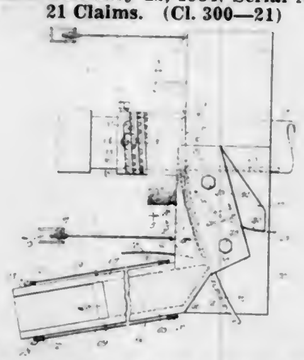
2,061,129

BRUSH AND METHOD OF MAKING SAME

Arnold A. Angell, Oak Park, Ill.

Application February 12, 1934, Serial No. 710,841

21 Claims. (Cl. 300—21)



1. The method of making a brush which comprises winding about a core an inner strand having openings adjacent the core, winding a notched outer strand helically about said inner strand, introducing bristles into the notches in said outer strand and positioning same helically about the core with their base ends between the turns of said inner strand, introducing a binder between the turns of the inner strand and between the outer strand and the core, and spacing said binder from the core for the escape of volatile gases through the openings in the inner strand and lengthwise of the brush.

2,061,130

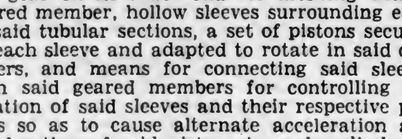
STOKING DEVICE

Frederick L. Balzer, Beaver Falls, Pa.

Application November 30, 1935, Serial No. 52,377

2 Claims. (Cl. 294—11)

1. A stoking device comprising a relatively wide and long blade having a hollow manipulating rod secured thereto, said blade and rod being hoe-like in appearance, said blade being corrugated and having its free end turned in toward the manipulating rod to form a structural section of substantial strength, a movable jaw mounted to coact with said blade to render its longitudinal axis substantially parallel with the longitudinal



axis of the blade, and a rod within said manipulating rod pivotally connected to said movable jaw, said movable jaw being of substantially less width than the corrugated blade.

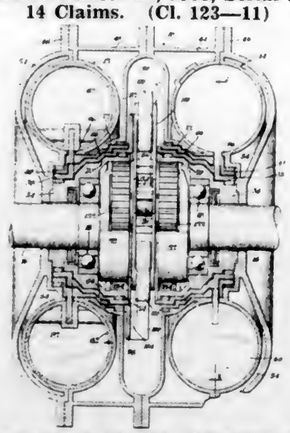
2,061,131

ROTARY ENGINE CONSTRUCTION

Charles Bancroft, New Canaan, Conn.

Application November 14, 1935, Serial No. 49,662

14 Claims. (Cl. 123—11)



3. An apparatus of the character described, including, in combination, a stator having inlets and outlets and provided with a plurality of cylinders, each cylinder being in the form of a torus chamber, a single throw crankshaft rotatably mounted in said stator, geared members rotatably mounted on said crankthrow of said crankshaft, stationary tubular sections within said stator and surrounding a portion of said crankshaft, each tubular section having a fixed internal gear on its inner end for meshing with a geared member, hollow sleeves surrounding each of said tubular sections, a set of pistons secured to each sleeve and adapted to rotate in said cylinders, and means for connecting said sleeves with said geared members for controlling the rotation of said sleeves and their respective pistons so as to cause alternate acceleration and deceleration of said pistons in each cylinder to form expanding and contracting chambers between said pistons and said cylinder walls for drawing in and exhausting fluids through said inlets and outlets of said stator.

2,061,132

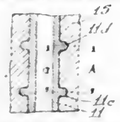
PROCESS FOR MAKING SPINDLES FOR LAMP STANDARDS AND THE LIKE AND PRODUCTS THEREOF

Allan H. Bell, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill., a corporation of Illinois

Application December 14, 1934, Serial No. 757,424

10 Claims. (Cl. 22—200)

4. The process of making long tubular cast metal structures in rigid moulds, consisting of chilling casting metal having a large coefficient of contraction in tubular form along the surface of the mould by the slush method of casting, and restraining the chilled cast metal against longitudinal contraction at locations longitudinally spaced proportionally to the cross-sectional areas of said structure between said locations, thereby producing in the cast metal strains in excess of the limit of elasticity and within the limit of rupture of the chilled cast metal, and distributing said strains substantially uniformly throughout the length of the tubular structure.



8. A long slender tubular metal structure suitable for lamp spindles and the like, consisting of a slush casting of white metal having a large coefficient of contraction, said casting being in stretched condition by substantially uniformly distributed internal strains exceeding its limit of elasticity and less than its limit of rupture, whereby said cast tubular structure is of substantially the same length as the cavity in the mould producing it.

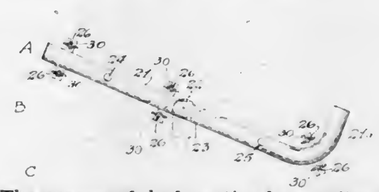
2,061,133

PROCESS FOR MAKING SPINDLES FOR LAMP STANDARDS AND THE LIKE AND PRODUCTS THEREOF

Allan H. Bell, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill., a corporation of Illinois

Application December 14, 1934, Serial No. 757,499

9 Claims. (Cl. 22—200)



7. The process of slush casting long unitary and tubular structures of white metal having a high coefficient of contraction, consisting of first chilling and setting one end portion of the cast structure having interlocking engagement with the mold, and then progressively forming, chilling and setting successive parts of the remaining portion of the cast structure unrestrained against contraction, whereby rupturing strains in the cast tubular structure are avoided.

8. A long slender tubular and unitary metal structure suitable for lamp spindles and the like, consisting of a slush casting of white metal having a large coefficient of contraction, said casting having mold interlocking projections on one of its end portions and being otherwise free from such projections whereby said casting contracted lengthwise in the mold without rupture.

2,061,134

PROCESS FOR MAKING SPINDLES FOR LAMP STANDARDS AND THE LIKE, AND PRODUCTS THEREOF

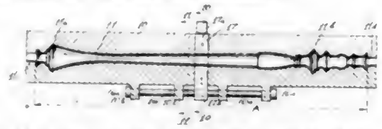
Eugene Schwarz, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill., a corporation of Illinois

Application August 10, 1935, Serial No. 35,605

9 Claims. (Cl. 22—200)

4. The process of making an unruptured long

and hollow spindle of white metal having mold-interlocking portions in molds having casting surfaces of metal which are continuous throughout, which consists of introducing molten white metal into the mold, allowing the portions of said molten metal which are in contact with the mold to solidify and form a tubular spindle of desired thickness, removing the still molten metal from the interior of said spindle, and, finally, removing the hollow spindle from the mold while it is still hot and substantially free from detrimental longitudinal contractile stresses.



6. An unruptured long and tubular slush casting of metal having a large coefficient of contraction and having spaced external mold-locking contours, and of a length between said contours susceptible to rupture by cooling when restrained and substantially unstretched longitudinally.

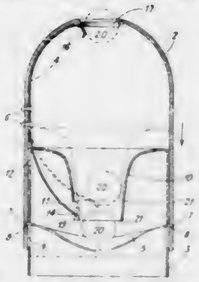
2,061,135

GAME APPARATUS

Augusto Bissiri, Los Angeles, and Foster G. Carling, Hollywood, Calif., assignors to Carling-Larrabee Company, Hollywood, Calif., a firm composed of Foster G. Carling, Clifford Carling, and W. C. Larrabee

Application May 20, 1935, Serial No. 22,340

8 Claims. (Cl. 273—144)



1. In game apparatus or the like, a game pieces collector, mixer and ejector device comprising, a container of sufficient capacity to hold several game pieces loosely so that the game pieces may be mixed when the container is shaken, a collecting opening formed therein, a resilient element associated with the opening and arranged so that game pieces may be inserted in said container through said opening but not ejected through the opening, an ejecting opening in said container and operable means for preventing all but one game piece from being ejected from said last named opening with each operation of the operable means.

2,061,136

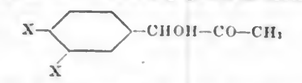
PROCESS OF PREPARING RACEMIC COMPOUNDS OF THE 1-HYDROXYPHENYL-2-AMINOPROPAN-1-OL SERIES

Max Bockmühl, Gustav Ehrhart, and Leonhard Stein, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application July 15, 1932, Serial No. 622,820. In Germany July 25, 1931

4 Claims. (Cl. 260—128.5)

1. The process of preparing racemic compounds of the 1-hydroxyphenyl-2-aminopropan-1-ol series which comprises reducing at a temperature between about 40° C. and about 80° C. a levo-compound of the following general formula



wherein at least one X stands for hydroxy, the other X stands for one of the group consisting of hydroxy and hydrogen, in the presence of a compound of the following general formula NH_2—Y wherein Y stands for one of the group consisting of hydrogen, alkyl and benzyl, by means of hydrogen and a metal hydrogenation catalyst.

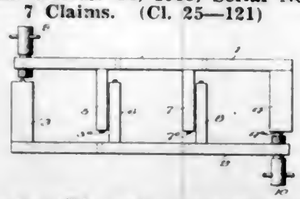
2,061,137

EXPANSIBLE MOLD

Edgar E. W. Bowen, Bethesda, Md.

Application October 14, 1935, Serial No. 44,954

7 Claims. (Cl. 25—121)



1. An expansible mold comprising two separable half-sections, each comprising a side wall having attached thereto a plurality of transverse walls spaced along the length thereof, and means for separably clamping together said half-sections to form a plurality of mold compartments, adjacent compartments being separated by a double-walled partition formed of one transverse wall supported by one side wall and another transverse wall supported by the other side wall, the right hand transverse walls of all compartments being carried by one half-section, while the left-hand transverse walls of all compartments are carried by the other half section, said transverse walls being arranged so that upon limited separation of said side walls, relative longitudinal movement of the side walls is permitted in a direction to expand each of said mold compartments longitudinally of said mold.

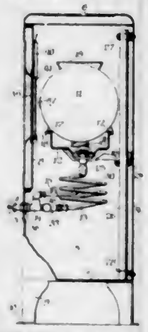
2,061,138

FUEL SUPPLY APPARATUS FOR OIL BURNERS

William T. Bradbury, Kankakee, Ill., assignor to Florence Stove Company, Boston, Mass., a corporation of Massachusetts

Application May 22, 1933, Serial No. 672,209

2 Claims. (Cl. 137—68)



1. A liquid fuel supply apparatus for oil burning stoves comprising, in combination, a cabinet having a side wall with an opening therein, an oil well mounted in said cabinet and having spaced upstanding side walls with one of said walls disposed adjacent the lower edge of said opening, and a fuel tank having spaced shoes thereon respectively engaging the upper edges of opposite side walls of the oil well, the upper edge of the side wall adjacent said opening constituting a bearing for engagement by one of said shoes on which said tank may be rocked into and out of said opening, said tank and well being shaped to permit such rocking movement of the tank.

2,061,139

SAMPLE SHIPPING PACKAGE

Alfred Cohen, Chicago, Ill., assignor to Lady Esther Company, Evanston, Ill., a corporation of Illinois

Application December 22, 1934, Serial No. 758,777

1 Claim. (Cl. 206—82)



A sample shipping package comprising, in combination, a plurality of relatively shallow cylindrical cups for holding sample portions of powdered cosmetic material or the like, a rectangular body member of cardboard or other fibrous material of relatively light weight having a smooth upper surface of firm texture suitable for the receipt of printed indicia and having a thickness substantially equal to the depth of one of said cups, a plurality of annular apertures perforated in said body member, said apertures being arranged in a row extending longitudinally of the member near one edge thereof so as to provide a suitable area in the upper portion of the member for the receipt of printed indicia and suitably spaced apart in the row so that the resistance of the member to transverse bending is substantially unimpaired, each of said apertures being formed to receive one of said cups with a snug fit, a relatively thin rectangular strip of opaque material adhesively secured to the bottom surface of the member and covering said apertures, and a rectangular strip of transparent material adhesively attached to the upper surface of the member and covering the apertures and the sample cups disposed therein thereby cooperating with the first mentioned cover to retain the cups in place in the body member and to retain the sample material in place in the cups.

2,061,140

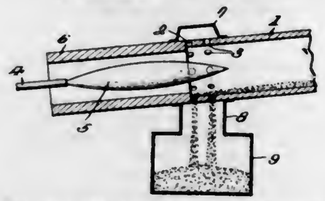
MANUFACTURE OF CEMENT

Pierre Coiffu, Paris, France, assignor to Societe des Ciments Francais et des Portland de Boulogne-sur-Mer et Compagnie des Portland de Desvres, Paris, France, registered under the laws of France

Application March 30, 1934, Serial No. 718,307

In France April 25, 1933

9 Claims. (Cl. 106—25)



1. The process for the manufacture of white cement clinker, comprising burning the typical Portland cement mix in a furnace, to incipient fusion, removing the burnt materials immediately after burning while they are at a temperature substantially equal to the maximum temperature they attain in the furnace, and immediately cooling by water the burnt material before the temperature thereof has had an opportunity of becoming lower than that at which the material leaves the furnace.

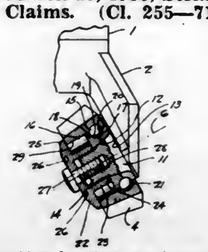
2,061,141

ROLLER BIT BEARING STRUCTURE

Roland R. Crum, Whittier, Calif., assignor of one-fourth to Edwin A. Perkins and three-eighths to Frank W. Brainard, both of Whittier, Calif.

Application March 18, 1935, Serial No. 11,651

9 Claims. (Cl. 255—71)



1. A roller cutter having an inner annular surface forming an outer race, a pair of annular members cooperating to form an inner race, rolling members in the race, a pin upon which the annular members are placed, and detachable means supported on the pin to hold the annular members in place.

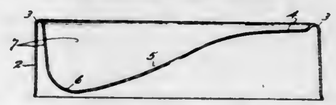
2,061,142

FOOT TREATING BOWL AND FOOTREST

Antonio Denocenzo, Los Angeles, Calif.

Application January 13, 1936, Serial No. 58,816

8 Claims. (Cl. 4—182)



1. A foot treating utensil comprising a receptacle for liquid, and a foot supporting device including an elevated or upper longitudinally and horizontally extending heel portion for resting the heel, and merging with and from which is longitudinally extended a forwardly and downwardly inclined sole and toe supporting bottom; whereby the sole of the foot rests in an inclined position downward from the plane of the elevated heel support.

2,061,143

CARD TABLE

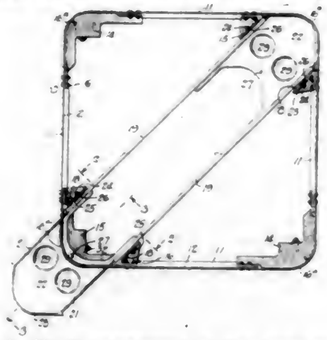
Jean de St. Mart, Beverly Hills, Calif.

Application August 16, 1935, Serial No. 36,593

2 Claims. (Cl. 311—103)

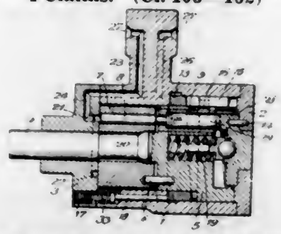
1. A table having brackets at diagonally opposite corners each having a shelf receiving opening and a pair of attaching flanges at opposite sides of said opening beneath the table; guide rails spanning the table diagonally between the flanges; means for securing the rails to the flanges in spaced parallel relationship; shelves spanning and slidably mounted in said flanges to occupy a retracted position wherein the front portions of the shelves close said bracket openings, and a projected position wherein the shelves

are extended through the bracket openings for use; and means on the shelves and brackets co-



acting to limit movement of the brackets to the aforestated positions of adjustment thereof.

2,061,144
PISTON SPINNING PUMP
Robert de Stoutz, Zurich, Switzerland
Application April 5, 1933, Serial No. 664,645
In Switzerland April 12, 1932
4 Claims. (Cl. 103—162)



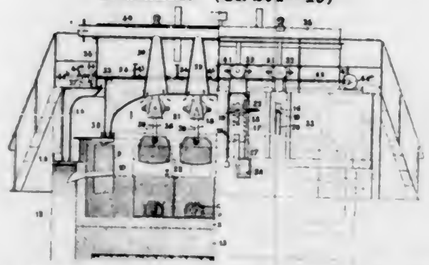
1. In a spinning pump in combination a casing, a rotor mounted for rotation in said casing and having piston bores therein, means for rotating said rotor, pump pistons reciprocably arranged in the working bores of said rotor, said casing having control passages for the working fluid formed therein for cooperation with said working bores of said rotor, a traverse cam member effecting the pressure stroke of the pistons, said cam member having a track the development of which comprises a straight line perpendicular to the piston axis followed by a curve equidistant to a parabola, immediately followed by a curve equidistant to the same but inversed parabola followed by a straight line perpendicular to the piston axis, said traverse cam member imparting to each of said pistons a uniformly accelerated movement immediately followed by a uniformly retarded movement during the pressure stroke thereof and a period of dwell at both ends of the stroke.

2,061,145
INSPECTION COVER
James Francis Duffy, Holland, Mich., assignor to Duffy Manufacturing Company, Holland, Mich., a corporation of Michigan
Application January 20, 1936, Serial No. 60,005
4 Claims. (Cl. 220—24)



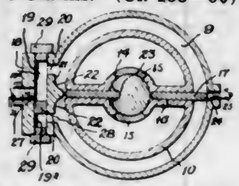
1. In combination, a supporting member having an opening therethrough, the edges of said opening being of a curved form and a cover member for said opening comprising, an upper section of greater area than the area of said opening and having its edge portions extending beyond the sides of the opening, and an annular flange integral with and extending downwardly from said upper section, said flange having an annular groove around the same immediately below said upper section into which the edge portions of the opening in said supporting member extend, said flange below the groove having outer surfaces first extending downwardly and outwardly and then downwardly and inwardly, the material of said cover being of an elastic and compressible nature, said upper section having an annular downwardly extending lip around its peripheral portions and at its lower side to bear against the upper side of the supporting member around the opening therein, and being compressed against said supporting member by the engagement of the supporting member at its undersides around the opening with the downwardly and outwardly extending annular surface of said flange.

2,061,146
FURNACE FOR ELECTROLYTIC PURPOSES
Louis Ferrand, Paris, France
Application December 3, 1934, Serial No. 755,836
In France February 24, 1934
11 Claims. (Cl. 204—19)



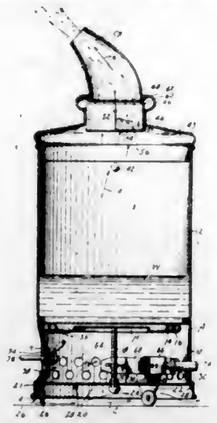
1. A furnace for electrolytic purposes, comprising a stationary hearth, a plurality of horizontal movable electrodes, and means for causing each of these electrodes to continuously oscillate about and under a horizontal axis.

2,061,147
FLUID BRAKE
William Fillinger, Sao Paulo, Brazil
Application November 20, 1934, Serial No. 753,970
6 Claims. (Cl. 188—90)



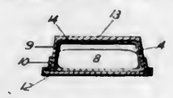
1. A braking device comprising a cylinder element and a rotor element, a wheel connected with one of said elements, an axle passing through the cylinder and rotor elements, blades slidable in said rotor and engaging the inner surface of the cylinder, a valve controlled inlet port in the cylinder element, an outlet port in the cylinder element, a cam element fixed with relation to the cylinder element and coacting with the blades, the inner ends of the blades having a sliding fit on the outer surface of the axle and the latter having a recess in the portion thereof opposite said cam element, said cylinder having passages on opposite sides of the cam element leading to the outlet port and valve means controlling communication between the passages and said outlet port.

2,061,148
VAPORIZER
William H. Fischer, St. Louis, Mo., assignor to Knapp-Monarch Company, St. Louis, Mo., a corporation of Missouri
Application July 16, 1935, Serial No. 31,604
16 Claims. (Cl. 219—38)



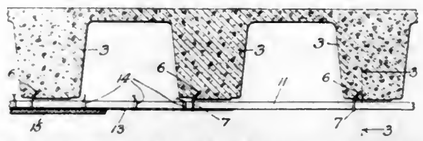
14. In a vaporizer, a container for volatizable liquid, a lid for said container having a knob thereon, said knob having a top wall, said wall being perforate, a cup for chemical or the like within said knob below said top wall, a heating element connected with said container having volatizable liquid therein to cause vapor therefrom to pass said cup, enter said knob and be discharged through said perforate top wall.

2,061,149
BAKING PROCESS
Durland A. Garrett, Boulder, Colo.
Application June 10, 1935, Serial No. 25,821
3 Claims. (Cl. 107—54)



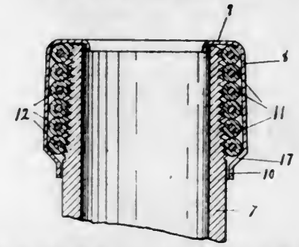
3. The method of producing bread and the like which comprises forming a loaf of dough containing a fermentation agent, confining the loaf of dough in a closed vessel with an expansion space for the dough only above the space occupied by the same, proofing the dough while so confined and while in contact with an edible oil on its lowermost surface thereof to cause the proofing gases to move toward the expansion space, and to cause a section adjacent the lowermost surface of the loaf to become saturated with edible oil, reversing the position of the dough loaf in the vessel after proofing, and baking the loaf while in the reversed position and while the remaining surfaces of the loaf are in contact with an edible oil to thereby cause the gases of fermentation to travel through the loaf in a direction opposite to the direction of travel of the proofing gases during proofing, the period of travel of the fermentation gases in one direction through the loaf being at least equal to the period of travel of the proofing gases in the opposite direction through the loaf in order to produce an edible loaf of uniform interior texture and crust.

2,061,150
PLASTER SUPPORTING DEVICE
William Goss, Chicago, Ill.
Application March 7, 1931, Serial No. 520,831
6 Claims. (Cl. 72—118)



5. In a device of the kind described consisting of a lathing, a support therefor, and supporting members for the supports, each having an end extending from the face of the structure and at an acute angle thereto, said other ends projecting from said face substantially perpendicularly thereto and connected with said lath supporting members.

2,061,151
DEVICE FOR PROTECTING THREADS ON PIPE ENDS
Lester S. Gunderman, Pittsburgh, Pa.
Application July 12, 1935, Serial No. 30,958
Renewed June 2, 1936
7 Claims. (Cl. 138—96)

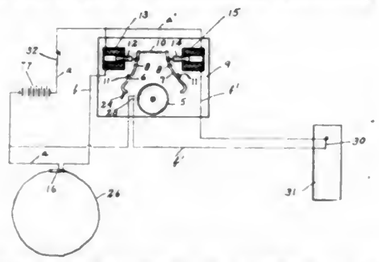


1. A thread protector for covering the threads on the ends of tubular articles comprising an annular band having one edge thereof taperingly beaded inwardly, and a reinforced yielding member helically coiled within the body of the band and adapted when mounted on the threads to have engagement therewith to embed itself between the thread and to wipe the threads of foreign matter when the protector is being removed from the pipe.

2,061,152
BASKETBALL BASKET
James M. Guthrie, Pittsburgh, Pa.
Application July 16, 1934, Serial No. 735,325
2 Claims. (Cl. 273—1.5)

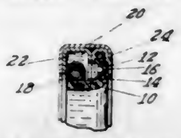
1. In combination with a basket-ball goal, a score-indicating system including an electric make-and-break device organized with said goal and adapted to be operated by the scoring passage of a ball through said goal, a gong, gong-sounding mechanism, electric means for normally producing, when energized, a twin operation of said mechanism, an energizing circuit for said

electric means controlled by said make-and-break device, and means for occasionally restricting said



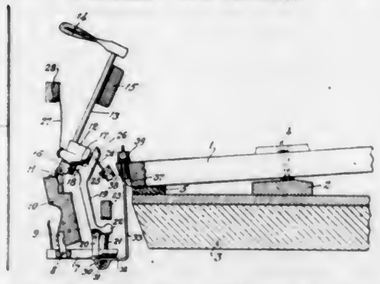
mechanism to a single gong-sounding operation when said electric means are energized.

2,061,153
HOUSED ARMORED GREASE RETAINER
William A. Heinze, Chicago, Ill., assignor to Victor Manufacturing & Gasket Company, Chicago, Ill., a corporation of Illinois
Application May 18, 1934, Serial No. 726,343
2 Claims. (Cl. 288—1)



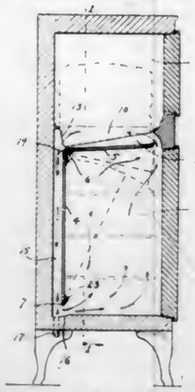
1. A grease retainer, including a housing, the housing including an annular cup-shaped outer shell, and an annular packing element for the shell, said packing element being L-shaped in cross section, a metallic armor encircling and gripping one flange of the packing, an auxiliary metallic armor element on that face of the packing opposed to the bottom of the cup and acting against the L-bend in the packing, a portion of said armor acting to form an outer wall of the housing when mounted in the shell, and an annular spacing element U-shaped in cross section in the shell for positioning the armored packing.

2,061,154
PIANO
Louis Heitzmann, Long Island City, N. Y., assignor to Harry J. Sohmer, New York, N. Y.
Application February 24, 1936, Serial No. 65,214
7 Claims. (Cl. 84—240)



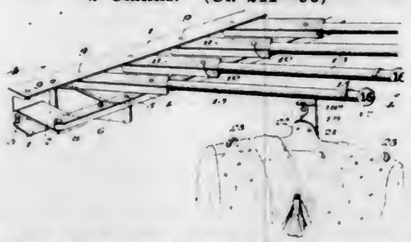
1. In an up-right piano, the combination of a string, a pivoted key lever extending outwardly to the front of the piano, and action mechanism disposed intermediate said string and the inner end of said key lever and in operative association with said string and key lever, said mechanism comprising a wippen located below the level of said key lever, means for pivotally supporting said wippen, and a pull wire pivotally connected to the outer end portion of said wippen and extending thence first toward the front of the piano and then upwardly through a slot provided in the inner end of said key lever, said slot being formed to enable the pull wire to move freely throughout its range of movement, an adjustable button carried by said pull wire and seated upon the inner end of said key lever and means for retaining the pull wire in proper position in said slot.

2,061,155
REFRIGERATOR
Martin Hokanson, Duluth, Minn., assignor to Eidco, Inc., Duluth, Minn., a corporation of Minnesota
Application June 25, 1934, Serial No. 732,289
14 Claims. (Cl. 62—46)



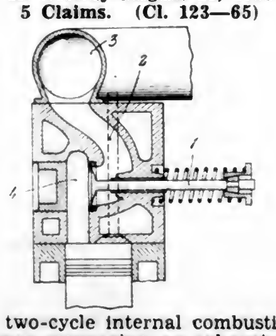
1. A refrigerant rack for refrigerators comprising a body portion of corrugated form, the conductive material of which the rack is formed being thinner in the valleys of the corrugations than at the apexes thereof.

2,061,156
DRESS DISPLAY RACK
Harry G. Humphrey, Miami, Ariz.
Application July 3, 1935, Serial No. 29,707
2 Claims. (Cl. 211—96)



1. In a dress display rack, a fixed support having a horizontally extending flange, a pin carried by the flange on the underside thereof, a supporting rod hinged to said fixed support, said supporting rod having an upwardly projecting pin, and a hanger supporting arm resting on said supporting rod, the end of the hanger supporting arm bearing on the undersurface of said horizontally extending flange, and said hanger supporting arm being provided with openings for receiving said pins.

2,061,157
TWO-CYCLE MOTOR
Fredrik Hurum, Barcelona, Spain
Application August 18, 1934, Serial No. 740,505
In Norway August 18, 1933
5 Claims. (Cl. 123—65)



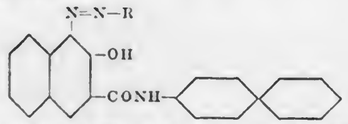
3. In a two-cycle internal combustion engine with two-way scavenging, an exhaust passage, a cylinder head formed with a flat internal air chamber independent of said exhaust passage, said exhaust passage connecting with said cylinder head, and, a lateral air intake valve and a fuel valve in said chamber, said chamber communicating with the cylinder through a restricted opening of such a shape as to direct scavenging air from said chamber into the cylinder as a compact jet, directed towards the piston, and said fuel valve being so arranged as to cause injection of fuel into said air chamber in a plane substantially at right angles to the axis of said intake valve.

2,061,158
METHOD OF TREATING PECTIN
Glenn H. Joseph, Corona, Calif., assignor to California Fruit Growers Exchange, Los Angeles, Calif., a corporation of California
No Drawing. Application April 10, 1934, Serial No. 719,893
22 Claims. (Cl. 99—132)

1. A method of treating pectin which comprises contacting solid, previously extracted pectin in the form of discrete particles with an acidic reagent adapted to materially alter the intrinsic setting time of the pectin, the pectin being maintained in contact with the reagent for a period of time and at a temperature insufficient to destroy the gelation characteristics of the pectin but sufficient to materially alter the intrinsic setting time hereof.

2,061,159
AZODYESTUFFS AND THEIR PRODUCTION
William Edward Kemmerich, Nyack, N. Y., assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application September 29, 1931, Serial No. 565,827
17 Claims. (Cl. 260—95)

7. The water-insoluble azo dyestuffs of the general formula:



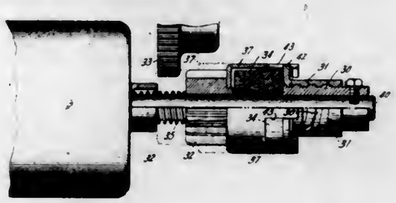
wherein R represents a radical of a diazotized aromatic amine, and wherein the diphenyl nucleus may be substituted by alkyl, alkoxy, halogen, hydroxy, the nitro- or phenyl group.

2,061,160
SHOE PROTECTOR
Edna T. Kendall, Oxnard, Calif.
Application September 17, 1934, Serial No. 744,423
1 Claim. (Cl. 36—72)



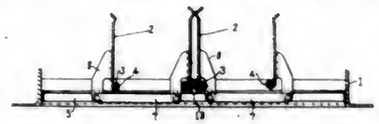
A protector of the class described comprising a substantially tubular member of resilient material and having a small toe end, its other end being enlarged and open, the top portion of the member sloping downwardly and forwardly from the rear end to the toe end, the bottom of the toe end sloping upwardly and rearwardly, the bottom of the member having an opening therein extending from the toe to a point spaced an appreciable distance from the rear end, the bottom of the rear portion extending upwardly and rearwardly from the end of the opening and forming a part for fitting under the instep portion of the shoe and a part of the sole of the shoe exposed by the bottom opening, the rear end of the member having an inwardly extending thickened portion for engaging an intermediate part of the shoe and the instep portion of the foot, and a ruffle forming portion extending rearwardly from the thickened portion.

2,061,161
ENGINE STARTER
Raymond P. Lansing, Montclair, N. J., assignor to Eclipse Aviation Corporation, East Orange, N. J., a corporation of New Jersey
Application August 6, 1931, Serial No. 555,633
2 Claims. (Cl. 74—7)



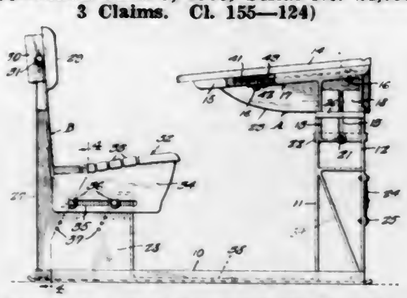
1. In an engine starting mechanism of the type employing a pinion movable along a driving shaft into engagement with a toothed member of the engine to be started, the combination with said driving shaft, pinion and toothed member of an externally threaded sleeve surrounding a portion of said driving shaft and operatively connected thereto, a nut threadedly engaging said sleeve, a cushioning member having one end abutting said pinion, and retaining sleeve fitting over the opposite end of said cushioning member, said retaining sleeve being in abutment with said threaded sleeve only when said nut is fully retracted.

2,061,162
LOUVER CONSTRUCTION
Emil A. Mader, Detroit, Mich., assignor of one-half to John Spargo, Detroit, Mich.
Application July 10, 1935, Serial No. 30,587
3 Claims. (Cl. 98—110)



1. A louver construction comprising a frame having an opening for air flow, a pair of louvers controlling the opening, a pair of rods journaled in the frame and pivoting the louvers, a pair of intermeshed pinion members mounted on said rods and compelling reverse travel of the louvers in unison, a spring urging the louvers to their closed position, a regulator for the spring, and a housing mounted on frame and enclosing the pinion members, spring, and regulator.

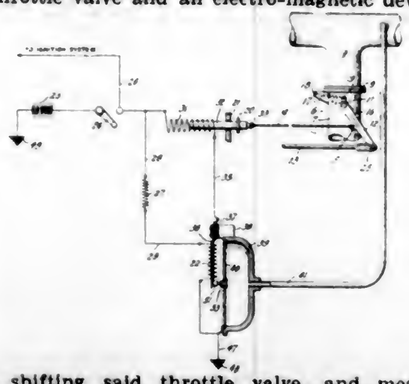
2,061,163
COMBINATION SCHOOL DESK AND CHAIR
James E. McCall, Cavite, P. I.
Application June 3, 1935, Serial No. 24,734
3 Claims. Cl. 155—124)



3. As an article of furniture, a pair of uprights providing at their upper ends vertical guideways, adjustable end brackets fitting said guideways, a desk top on said end brackets, means connecting the end brackets with the desk top for holding the latter in forward and rearward adjustment, a book box depending from the top between the uprights, means for holding the end brackets in vertical adjustment in the uprights, cross pieces on the uprights, vertically slotted filler blocks fitting the end pieces and having adjustable connection by the last-mentioned means with said cross pieces, and a chair connected with said uprights and having an adjustable seat.

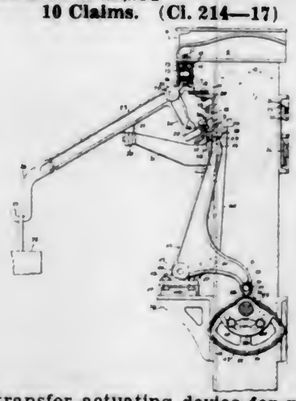
2,061,164
ENGINE CONTROL APPARATUS
Charles I. McNeil, Bloomfield, N. J., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J., a corporation of New Jersey
Application September 13, 1932, Serial No. 633,000
5 Claims. (Cl. 123—103)

1. In combination with an internal combustion engine having a fuel intake conduit and a variable volume chamber in constant communication therewith, a flexible diaphragm forming a part of said chamber, means responsive to a predetermined temperature rise and coincident movement of said diaphragm for varying the effective cross-sectional area of said intake conduit and thereby controlling the amount of fuel drawn therethrough, said last named means comprising a throttle valve and an electro-magnetic device



for shifting said throttle valve, and means mounted on said diaphragm for controlling the energization of said electro-magnetic device.

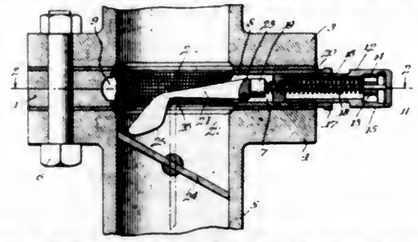
2,061,165
TRANSFER ARM
Constantine G. Miller, Chicago, Ill., assignor to The Meaker Company, Chicago, Ill., a corporation of Illinois
Original application October 25, 1934, Serial No. 749,946. Divided and this application May 13, 1935, Serial No. 21,284
10 Claims. (Cl. 214—17)



1. A transfer-actuating device for moving the work carrier of an electro-processing machine to lift the work-pieces over the tank boundaries thereof comprising a movable member, a relatively movable contact portion thereon adapted to engage said work carrier, and mechanism for moving said contact portion relatively to said movable member, said mechanism being arranged to move said contact portion in successively non-parallel positions for maintaining a substantially constant angular relationship between said contact portion and said work carrier during the movement of said movable member.

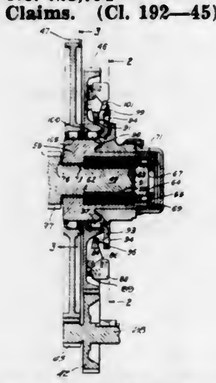
2,061,166
AIR SUPPLY DEVICE FOR INTERNAL COMBUSTION ENGINES
Frank Mueller, Scranton, Pa., assignor of one-third to J. R. Cadoret and one-third to M. B. Comerford, both of Scranton, Pa.
Application June 17, 1935, Serial No. 27,092
19 Claims. (Cl. 123—119)

1. An attachment for an internal combustion engine having a throttle valve, comprising a member having a central aperture and adapted to be secured between the intake manifold and the fuel supply of the internal combustion engine, the member being provided with a port through which air may be drawn into the intake manifold, a valve mounted in said member and controlling the pas-



sage of air through the port, and an arm pivotally mounted in said member independently of said air valve and projecting into said aperture, said arm being adapted to be contacted and moved by the throttle valve and being operatively associated with said air valve whereby to actuate the latter.

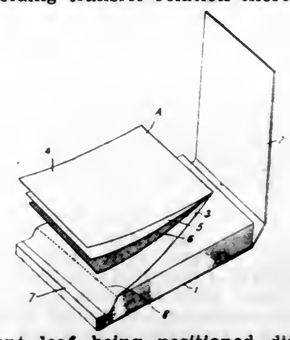
2,061,167
CLUTCH MECHANISM
Romeo M. Nardone, East Orange, N. J., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J., a corporation of New Jersey
Original application April 30, 1932, Serial No. 608,520. Divided and this application June 2, 1934, Serial No. 728,794
3 Claims. (Cl. 192—45)



2. In a device of the class described, a member to be driven, a driving member surrounding said first named member, but spaced therefrom, means including a plurality of rollers for drivably connecting said members, a plurality of angular spaced pins mounted on said driving member with their axes disposed in a common plane passing transversely through said rollers at a position intermediate the ends thereof, and means rockable on said pins to control movement of said rollers into and out of operative engagement with said members.

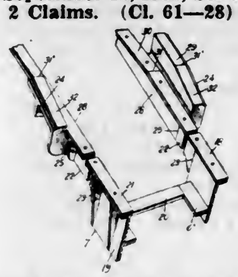
2,061,168
MANIFOLDING BOOK
Ernest George Nixon, London, England, assignor, by mesne assignments, to American Sales Book Company, Inc., a corporation of Delaware
Application February 6, 1934, Serial No. 709,914
In Great Britain February 7, 1933
8 Claims. (Cl. 282—9)

1. A manifolding unit including, in combination, original and triplicate record leaves in superposed manifolding relation and integral with each other and formed from a single sheet folded to provide said leaves in adjacent end to end relation with each other, a translucent record leaf and a double-faced transfer leaf attached directly to one of said first mentioned record leaves so as to be carried by the latter, and being positioned between said original and triplicate record leaves in manifolding transfer relation therewith, said



translucent leaf being positioned directly beneath said original record leaf and said transfer leaf being positioned between said translucent and triplicate leaves, said triplicate leaf having an extension providing a binding and supporting stub and having a weakened severance line between said stub and the body of the leaf, and said transfer leaf being positioned with its free end next to said stub.

2,061,169
SLUICE GATE
Erwin B. Philips, Kenton, Ohio, assignor to Philips & Davies, Inc., Kenton, Ohio, a corporation of Ohio
Application September 12, 1932, Serial No. 632,672
2 Claims. (Cl. 61—28)

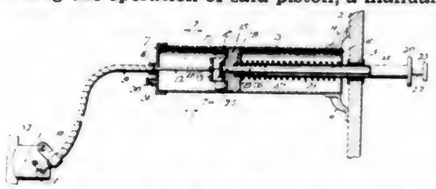


1. In a sluice gate, wheels on said gate, roller trains on said gate, wheel tracks for cooperating with said wheels to guide the gate between open position and a position adjacent the sluice-way, roller train tracks for cooperating with said roller trains during the actual closing operation of the gate, members for connecting said wheel tracks to said roller train tracks, said members having a portion of said wheel tracks and a portion of said roller tracks formed thereon, said gate and said roller trains being adapted to pass between said wheel tracks, and guard members for holding said roller trains out of contact with the inner surfaces of said wheel tracks.

2,061,170
DASH POT CONTROL DEVICE
Charles R. Post, Scarsdale, N. Y.
Application March 12, 1929, Serial No. 346,309
Renewed October 21, 1932
7 Claims. (Cl. 188—94)

1. A dash pot control device including a cylinder, a piston slidable therein and adapted to

control the fluid pressure on opposite sides thereof within said cylinder, said piston having a control member actuated thereby, means for effecting the operation of said piston, a manually



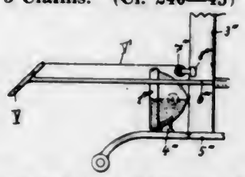
controlled valve movable with said piston for effecting a transfer of fluid from one side to the other of said piston to reduce the resistance to the rapid movement of said piston in one direction.

2,061,171
COOLING MEANS FOR AIR COOLED INTERNAL COMBUSTION ENGINES
Earle A. Ryder, West Hartford, Conn., assignor, by mesne assignments, to United Aircraft Corporation, a corporation of Delaware
Application March 21, 1935, Serial No. 12,182
11 Claims. (Cl. 123—171)



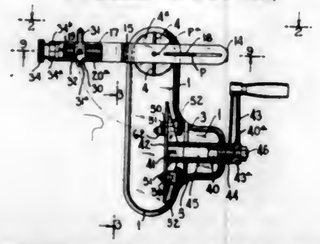
1. In combination with an air-cooled internal combustion engine, a sectional air pressure diaphragm interposed across the stream of cooling air to said engine comprising two or more groups of air directing sections, and quick detachable means comprising spring pressed latch members for mounting the sections of at least one of said groups on said engine.

2,061,172
DIMMING DEVICE
Hermann J. Schwabe, Chemnitz, Germany
Application June 25, 1932, Serial No. 619,293
In Germany March 5, 1932
3 Claims. (Cl. 240—45)



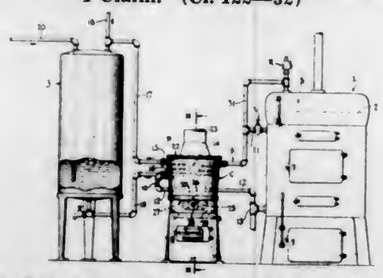
1. A dimming and fog protection device for the headlight of a vehicle, comprising an external light screen situated permanently in front of the headlight and extending from the level of the top of the headlight downwards to the level of the horizontal axial plane of the said headlight for cutting off the upper portion of the headlight beam after it has escaped from the headlight, in combination with means for sliding the said screen horizontally rearwards towards and forwards away from the said headlight and a spring roller blind connected to the upper extremity of the said light screen for screening off the space which occurs between the said extremity and the headlight when the said screen is slid forwards away from the headlight.

2,061,173
MACHINE AND METHOD FOR FORMING WATCH CRYSTALS
Albert Small, New York, N. Y., assignor to Snapfit Round Crystal Corporation, New York, N. Y., a corporation of New York
Application January 24, 1935, Serial No. 3,365
3 Claims. (Cl. 33—28)



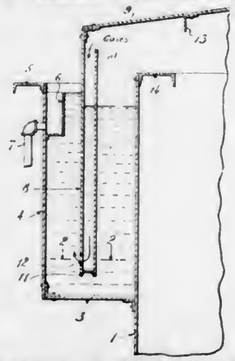
1. A machine for forming a watch crystal comprising a blank-support and means for turning said support, said blank-support having means for clamping a blank of material thereon, a second supporting member which is turnably mounted relative to said blank-support, said second supporting member being adapted to support a bezel thereon, said second supporting member having gauge means which include an adjustable gauge pin, said second supporting member also having a tool which is located on an adjustable mount, said second supporting member also having means for actuating said mount and said adjustable gauge pin simultaneously, the point of said tool being exposed relative to said second support, so that said point can be forced against the blank which is held on said blank-support when the second supporting member is turned into proper position.

2,061,174
WATER HEATING
George R. Spangenberger, Newark, N. J.
Application May 10, 1935, Serial No. 20,763
1 Claim. (Cl. 122—32)



In a hot water supply system, in combination: a container having a water space adapted to contain a body of water adapted to generate steam and a steam space above the water space, and means to heat said body of water and to supply water thereto; a supplementary heater, including a water space having its top wall at a lower level than the upper water line of the water in said container and including means to heat the water therein, a storage tank for heated water, a water supply through which water is supplied to said storage tank; a heated water delivery conduit leading from the tank; a hollow body disposed within the supplementary water space; upper and lower conduits connecting respectively the upper portion of the said hollow body with the upper portion of said storage tank and the lower portion of said hollow body with the lower portion of the storage tank whereby water in said storage tank is heated by the water in the water space of said supplementary heater; upper and lower conduits connecting respectively the upper portion of the supplementary water space with the upper portion of the container water space and the lower portion of the supplementary water space with the lower portion of the container water space whereby the supplementary water space is always completely filled with water, and a manually operable valve in the upper conduit, and a conduit leading from the supplementary water heater side of the said valve to the steam space above the water space in the container whereby when the valve is open there is a free circulation between the respective water spaces so that any pressure developed in the supplementary heater water space is relieved by the container body of water and when the valve is closed the supplementary heater water space is supplied with water from the container water space and any pressure developed in the supplementary water space is relieved by the connection to the steam space above the water space in the container.

2,061,175
CONSTRUCTION OF GASOMETER ROOF TANKS
Ernest H. Staber, Manhasset, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
Application January 26, 1934, Serial No. 708,351
2 Claims. (Cl. 220—85)

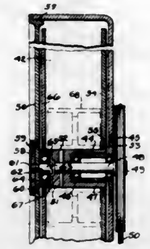


1. In a gasometer roof tank for storage of volatile liquids having a circumferential liquid trap located adjacent the top of the tank shell and a dip skirt on the roof depending thereinto, a plurality of vent boxes located upon the interior of the dip skirt, communicating at their top ends with the vapor space in the tank, each extending to near the bottom of the dip ring and communicating with the liquid space on the outside of said dip ring by an aperture whereby, when venting, the tank gases preferentially may pass into the upper end of the vent box, down through said box, and out through said aperture to a region of lower pressure.

2,061,176
PROCESS FOR STERILIZING VACUUM CLEANER DIRT RECEPTACLES
Irwin Stone, New York, N. Y.
No Drawing. Application June 14, 1933, Serial No. 675,711
3 Claims. (Cl. 21—18)

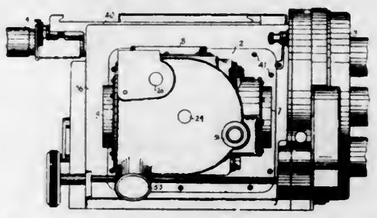
1. A process for sterilizing the contents of vacuum cleaner dirt receptacles which consists in dispersing among said contents, by the action of the moving air stream, a pulverulent solid, said solid containing a high percentage of a solid germicide having a substantially high vapor pressure so that when it is dispersed it tends to emit germicidal vapors, and is then stopping the moving air stream and allowing said emitted germicidal vapors to act upon said contents.

2,061,177
FILM MAGAZINE
Homer G. Tasker, Douglaston, N. Y., assignor to United Research Corporation, Long Island City, N. Y., a corporation of Delaware
Application June 27, 1935, Serial No. 28,666
7 Claims. (Cl. 242—71)



1. In a film take-up magazine, a rotatable shaft, a spool attached to said shaft and adapted to receive film thereon, a rotatable guide at one end of said spool, said guide extending beyond the diameter of said spool, and a second rotatable guide at the other end of said spool and adapted to be rotated solely by contact with said film.

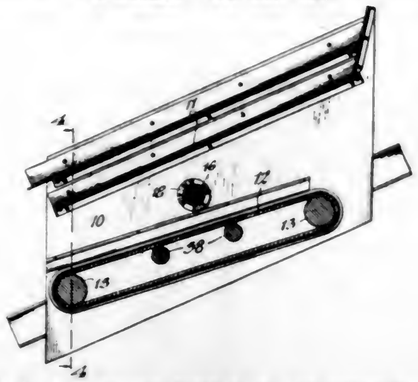
2,061,178
MOTION PICTURE CAMERA
Albert W. Tondreau, Glendale, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y., a corporation of Delaware
Application June 17, 1932, Serial No. 617,757
Renewed April 18, 1936
18 Claims. (Cl. 88—17)



1. A motion picture camera exposed to the open air, a motor for operating said camera, means for supporting said motor at the side of said camera, and means for directing a current of air through said motor without passing through said camera and in a direction from the front towards the back of said camera, to reduce noise currents in a microphone adjacent an object to be photographed by said camera.

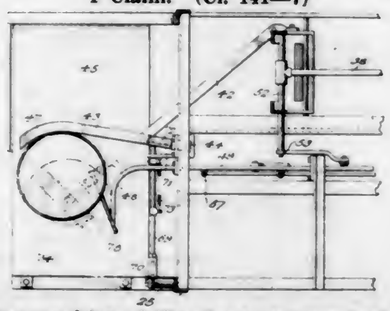
6. Arrangement for resiliently supporting a motor and its countershaft for a motion picture camera having a casing, comprising hangers at opposite sides of and substantially parallel to the motor shaft, a countershaft geared to said motor shaft and carried by the motor, means for fastening said hangers to said camera casing, and means for resiliently supporting said motor from said hangers.

2,061,179
APPARATUS FOR TREATING MATERIALS
William L. Wettlaufer, Buffalo, N. Y., assignor to The W. S. Tyler Company, Cleveland, Ohio, a corporation of Ohio
Application January 8, 1934, Serial No. 705,724
4 Claims. (Cl. 209—44)



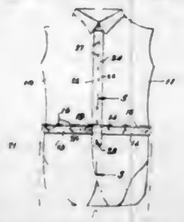
1. In a screening apparatus, the combination of a frame mounted for gyratory movement and provided with vertically disposed side walls, a shaft extending transversely of said frame centrally thereof, means on said shaft for imparting gyratory movement to said frame, a screen extending between said side walls above said shaft, spaced shafts extending between said side walls below said first named shaft, and a conveyor belt trained about said second named shafts.

2,061,180
ASSEMBLY MECHANISM FOR CAN AND COVER WASHING MACHINES
Lester J. Williams, Canastota, N. Y., assignor to Carl Braun, Inc., Canastota, N. Y., a corporation of New York
Application March 26, 1932, Serial No. 601,397
1 Claim. (Cl. 141—7)



In a machine of the character described, the combination of means to advance a plurality of inverted cans in horizontal rectilinear direction, a horizontal platform located below the line of advancing can tops of the inverted cans for receiving said cans in upright position and having a can bottom washing opening, means to advance a line of covers, means comprising a can engaging arm having a curved end to sweep a can in upright position across the platform to a position over said opening to receive a cover, means to drop one of said covers on the can in said position, a spray nozzle centered below said opening and having a valve lever, the nozzle being of an appreciably less horizontal area than said opening and having angled discharge apertures to wash the entire surface of the bottom of the can through said opening when the can is over said opening, said lever extending into the path of the can being swept across the platform to be engaged thereby, means comprising a reciprocating ejecting bar having a transversely directed end portion, the latter being located at one side of the edge of the washing opening when retracted to cooperate with the can engaging arm to center the can over the opening, and means to advance the ejecting bar to push the can with the applied cover away from said washing position.

2,061,181
SHIRT
Ralph Yacovino, New York, N. Y.
Application November 27, 1934, Serial No. 754,979
1 Claim. (Cl. 2—117)



In a shirt of the class described, the combination with a body garment, of a belt member substantially greater in length than the girth of the body garment, said belt member being affixed along substantially less than all of the upper longitudinal edge thereof to said body garment, a vertical reinforcing strip affixed to the exterior of the front wall of said body garment and having a loose lower integral terminal extending substantially beyond the lowermost point of attachment thereof to said front wall and overlapping the said belt member, and means for detachably attaching a nether garment to the said vertical reinforcing strip and to the said belt member.

2,061,182
METHOD FOR THE PRODUCTION OF A PHOTOGRAPHIC EXPOSURE MATERIAL FOR COLOR SCREEN PICTURES
Martin Zeller, Munich, Germany, assignor to Robert Röchling, Munich, Germany
Application March 31, 1934, Serial No. 718,405
In Germany April 21, 1933
13 Claims. (Cl. 95—2)



1. The method of producing a color screen of a predetermined number of colors upon a support provided with a light-sensitive surface, for color-photography, which process comprises the following steps: setting aside sections of the light-sensitive surface for the first color and applying a resist to the remaining area of the said surface, sensitizing said sections for the first color and applying the first color to the said sections, subjecting the latter to a protective treatment, prior to the removal of the resist, to render the said sensitized and colored sections insensitive to the substances to be subsequently applied in the method, removing the resist, thereafter setting aside sections for the second color, and applying a resist in the sections intended for subsequent colors, sensitizing said sections intended for the second color and coloring the same with the second color, and continuing the foregoing method until all colors are applied.

2,061,183
EYELID CAP
William G. Bauer, New York, N. Y.
Original application December 7, 1935, Serial No. 53,300. Divided and this application March 13, 1936, Serial No. 68,663
4 Claims. (Cl. 2—15)



4. An eyelid cap comprising a curved body having a curvature to suit the form of the lid, radially disposed handles on said body at a distance from its ends and having openings formed therewith, a sanitary lining for the inner face of said body and holder members between said handles firmly engaging the body of the cap on its outer face and having their inner ends spaced from one another, and substantially hook-shaped outer ends on said holder members to hold the lining in place, said handle openings for the passage of fastening means to attach the cap to the wrist of a bather.

2,061,184
FOOD PRODUCT
Curtis B. Camp, Glencoe, Ill.
No Drawing. Application April 10, 1931, Serial No. 529,297
4 Claims. (Cl. 99—83)

1. The method of transforming the appearance and character of bran as a laxative, and improving the edibility thereof, which consists in intimately treating the bran particles with milk of magnesia, and drying the mixture.

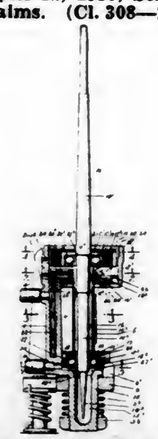
2,061,185
FREE FLOWING SULPHUR
John B. Ceccon, San Francisco, Calif., assignor to San Francisco Sulphur Company, a corporation of California
No Drawing. Application March 12, 1935, Serial No. 10,659
3 Claims. (Cl. 23—242)

3. A comminuted free flowing stable dry sulphur containing about 1% of admixed iodine, said sulphur being reduced in size to be substantially all less than 200 mesh and with 98% passing a 300 mesh screen.

2,061,186
FLUORINE CONTAINING VAT DYES
John Elton Cole, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application December 6, 1933, Serial No. 701,240
10 Claims. (Cl. 260—49)

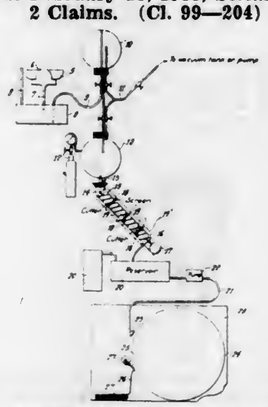
4. Vat dyes containing in their aromatic nuclei at least one radical selected from the group consisting of —F and —CF_3.

2,061,187
SPINDLE FOR TWISTING, SPINNING, AND WINDING MACHINES OR THE LIKE
Charles H. Colvin, Morristown, N. J., assignor to Columbus Spindle Co. Inc., Union City, N. J.
Application April 12, 1935, Serial No. 16,030
9 Claims. (Cl. 308—228)



1. In a spindle of the character described, a support rotatively supporting said spindle and formed with upper and lower sockets, anti-friction bearings in said sockets, a lubricant reservoir for said upper bearing and means for feeding the lubricant from said reservoir to said bearing, said means including a downwardly tapered member on said spindle projecting into the socket of the upper bearing, a wick extending into said reservoir and in contact with said tapered member and means for circulating an air current through said socket to aid the feeding of the lubricant along said tapered member to said bearing.

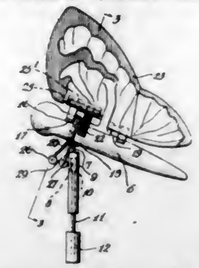
2,061,188
TREATMENT OF FOOD MATERIALS
William W. Cowgill, Fairfield, Conn., assignor to Sardik Incorporated, Jersey City, N. J., a corporation of Delaware
Application February 13, 1933, Serial No. 656,443
2 Claims. (Cl. 99—204)



1. The process of preparing a food product of reduced moisture content from citrus fruit material containing juice sacs which consists in cutting each individual juice sac into a plurality of separate particles of relatively small size to produce a greatly increased number of structur-

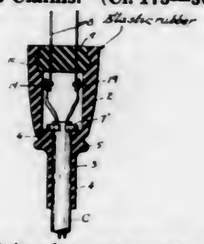
ally individual solid particles and to expose the contents of said juice sacs for treatment, distributing said particles substantially evenly throughout the liquid component of the material to provide a uniform suspension of said particles in said liquid, then distributing the material over a heated drying surface to substantially separate said particles thereon so that each particle will be subjected to a substantially equal amount of heat, subjecting the particles in dispersed condition to heat sufficient to reduce the moisture content to a predetermined point, and removing the material from said surface.

2,061,189
WEATHER VANE
Elmer E. Dungan, deceased, late of Fort Washington, Pa., by Allan L. Dungan executor, Fort Washington, Pa.
Application March 9, 1935, Serial No. 10,308
1 Claim. (Cl. 73—55)



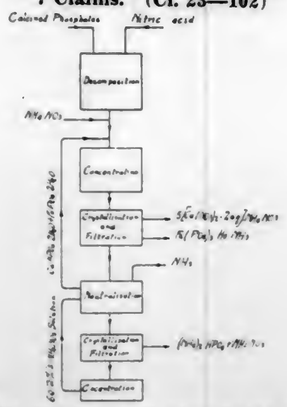
A weather vane in the form of a butterfly having a body pivoted upon a fixed approximately vertical axis to turn in the wind and having its longitudinal center line diagonal with respect to the pivotal axis, laterally extending wings hinged to the body moving in upper as distinguished from lower quadrants and diagonal with respect to the vertical axis, interconnected gears attached to the wings and movable with the wings causing them to rise and fall together and by reason of the diagonal position of the wings adapting the wings to rise and fall due to the velocity of the wind and counterweights adapted to swing outwardly and upwardly as the wings fall.

2,061,190
ELECTRIC PLUG CONNECTER
Edward O. Ericson, Cleveland Heights, Ohio
Application August 15, 1929, Serial No. 386,048
2 Claims. (Cl. 173—361)



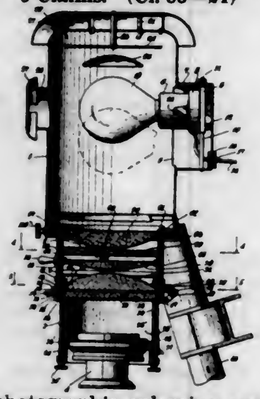
1. An electric plug connecter, consisting of a plurality of metal prong members formed at one end as plug jacks and having at the other end terminals to receive conductor wires, an elastic hollow rubber support-body and means received in said hollow body for spacing and anchoring said metal prongs, including a block embedding and enclosing said metal prongs with the jack ends projecting from one side and the terminals projecting from the other side of said block, the thickness of said block being sufficient to anchor said prongs to said block, the terminal ends of said prong members standing free within the hollow chamber of the support body.

2,061,191
TREATMENT OF RAW PHOSPHATES
Antonius Foss, Olaf Jensen, and Odd Herbert Lunde, Oslo, Norway, assignors to Norsk Hydro-Elektrisk Kvaelstofaktieselskab, Oslo, Norway
Application May 27, 1932, Serial No. 613,836
In Norway November 21, 1931
7 Claims. (Cl. 23—102)



1. In the treatment of phosphates containing calcium for obtaining therefrom products for use in industry and agriculture, the process which consists in dissolving the phosphate in nitric acid, and adding to the so obtained solution ammonia and nitric acid, the latter in excess, thereby causing the lime to deposite from the acid solution in the form of a double salt of nitrate of calcium and nitrate of ammonium, and separating the deposit from the mother liquor.

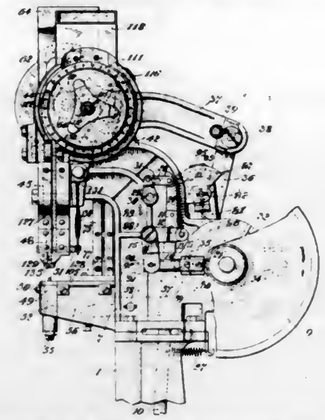
2,061,192
PHOTOGRAPHIC ENLARGER
John P. Gaty, Woodside, N. Y., assignor to Fairchild Aerial Camera Corporation, Woodside, N. Y., a corporation of New York
Application April 11, 1935, Serial No. 15,802
9 Claims. (Cl. 88—24)



1. In a photographic enlarging apparatus including a lamp and a housing therefor, an en-

larger head having an upper casing and a lower casing, a condenser unit supported by said upper casing, said unit comprising an upper and lower light condenser, a self-aligning intermediate light condenser and diffusing disc, means comprising a removable drawer in said upper casing for removably retaining and supporting said intermediate light condenser and diffusing disc, said diffusing disc being removable from said drawer independently of said intermediate condenser.

2,061,193
SETTER FOR SNAP FASTENERS
Julius Gualtiere, Brooklyn, N. Y., assignor to Edwin B. Stimpson Company, Brooklyn, N. Y., a corporation of New York
Application May 16, 1934, Serial No. 725,888
8 Claims. (Cl. 218—6)

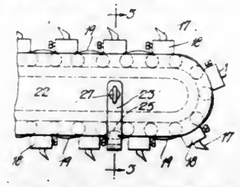


5. A machine of the class described comprising a socket feed mechanism adapted to feed socket members to a slide carrier, means on said slide carrier to hold a socket member and to move the same to a riveting station, an anvil at said riveting station, and means to hold said socket in position at said riveting station when said slide carrier is withdrawn.

2,061,194
METHOD OF RECOVERING COPPER FROM WASH SOLUTIONS
Sverre Gulbrandsen, Woodbury, N. J., assignor, by mesne assignments, to New Process Rayon, Inc., a corporation of Delaware
No Drawing. Application February 23, 1932, Serial No. 594,751
2 Claims. (Cl. 23—125)

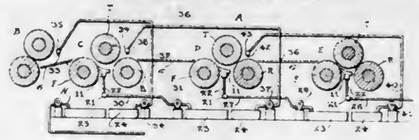
1. The process of recovering copper in the form of a dense granular basic sulphate from wash solution obtained in the cuproammonium rayon process, which comprises flowing the wash solution in a continuous stream into a first tank while feeding into said tank and agitating with the wash solution sufficient caustic soda in proportion to the amount of copper salt in the solution and the acidity of the solution to precipitate 50 to 75 per cent of the copper content of the mixture as basic copper sulphate while continuously overflowing the mixture of all the precipitate thus formed with the unprecipitated solution from the first tank into a second tank, feeding into the second tank and agitating with the contents thereof sufficient caustic soda to complete the precipitation, while overflowing the mixture from the second tank into a settling tank, overflowing the supernatant liquid from the settling tank and removing the entire precipitate in the form of a dense granular basic sulphate of copper from the bottom of the settling tank.

2,061,195
SAFETY STOP FOR CUTTER CHAINS
Clarence Horner, Windber, Pa.
Application July 6, 1936, Serial No. 89,198
4 Claims. (Cl. 262—33)



1. In combination, a mining machine having a cutter arm, a cutter chain guided thereby, driving mechanism for the cutter chain, and a perforated safety stop bar having a detachable pin connection with the cutter arm and provided with an abutment to project between the cutter links of the chain.

2,061,196
MEANS FOR MACERATING BAGASSE
William D. Hymers, Central Cortada, P. R., assignor to Hymers Compound Maceration Process Co., a partnership of Puerto Rico, composed of William D. Hymers, Rigoberto P. Dapena Laguna, Adolfo Valdes Ordonez, deceased, and Gabriel Guerra-Mondragon
Application September 7, 1934, Serial No. 743,071
1 Claim. (Cl. 100—47)

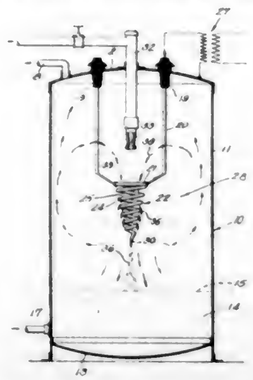


In a juice-expressing apparatus, the combination of a plurality of mills arranged in tandem, means for passing a mat of bagasse successively through each mill, each mill being composed of a top roll, a feed roll and a discharge roll, means for suppyling a macerating fluid to the mat of bagasse passing through the last of said series of mills at a point between the feed and discharge rolls, and means associated with each mill for separately recovering the fluid expressed from the bagasse by the top and feed rolls and by the top and discharge rolls, respectively, and applying said separate bodies of fluid to the bagasse passing through the next preceding mill at points in advance of and beyond, respectively, the discharge roll of the said preceding mill, one of said separate juice-removing means of the first of the series of said mills being adapted to transfer juices received therein to points remote from the apparatus.

2,061,197
METHOD AND APPARATUS FOR TREATING EMULSIONS
Clarence F. Kiech, Los Angeles, Calif., assignor to Petroleum Rectifying Company of California, Los Angeles, Calif., a corporation of California
Application October 2, 1933, Serial No. 691,807
22 Claims. (Cl. 204—24)

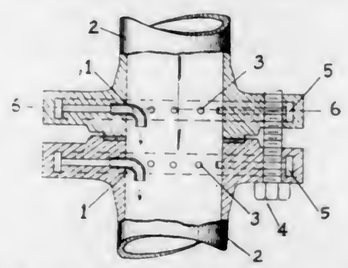
1. A method of treating an emulsion, which method includes the steps of: discharging a

stream of emulsion into a substantially equipotential space; moving a stream of oil of higher dielectric strength than the emulsion into said equipotential space; mixing said emulsion and said liquid in said equipotential space; building up an electric field around said substantially equi-



potential space; moving the mixture of said emulsion and said oil from said substantially equipotential space at a plurality of points and into said electric field wherein the dispersed phase of said emulsion agglomerates; and removing the constituents of said emulsion from said electric field.

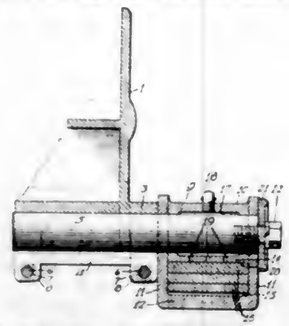
2,061,198
JOINT ASSEMBLY
Frank J. Kohut, Baltimore, Md.
Application October 16, 1935, Serial No. 45,249
2 Claims. (Cl. 285—139)



1. A flanged joint assembly comprising separate joint sections each containing at least one avenue in the body of each section thereof adapted for flow of fluid therethrough, means, situated in the main line of fluid flow through said joint assembly, adapted to set up flow of fluid through said avenues and means for holding said joint portions together.

2,061,199
SPRING HANGER
John R. Konetsky, San Francisco, Calif.
Application September 28, 1934. Serial No. 745,996
4 Claims. (Cl. 267—56)

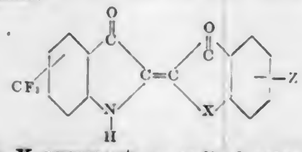
1. A spring hanger comprising a supporting shaft, a casing rockably mounted on the shaft and having a flat surfaced bearing plate disposed beneath the shaft, said bearing plate being slidably mounted upon a leaf spring end, the flat surface of the bearing plate having a sliding fit with the leaf spring throughout the width of the spring, and means encircling the



leaf spring end and having a rounded surface for engaging with the underside of the leaf spring.

2,061,200
INDIGOID COMPOUNDS CONTAINING FLUORINE
Herbert A. Lubs and Arthur L. Fox, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 3, 1933, Serial No. 664,283
2 Claims. (Cl. 260—52)

1. An indigoid dye having the following general formula:



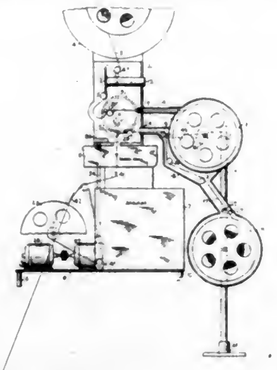
in which X represents a radical selected from the group consisting of —S— and —NH, and Z represents a radical selected from the group consisting of —F and —CF_3.

2,061,201
FLOTATION
Merrill W. MacAfee, Berkeley, Calif.
No Drawing. Application September 17, 1935, Serial No. 40,931
5 Claims. (Cl. 209—166)

5. In the process of concentrating ores and minerals by flotation, the step which comprises subjecting the ore in the form of a pulp to a froth flotation operation in the presence of a dixanthogen of the form ROC(:S)—S—S(S:)COR' where R and R' are the same or different alkyl hydrocarbon radicals each of at least three carbon atoms and the O atoms are bonded to a carbon atom to which only one H atom is bonded.

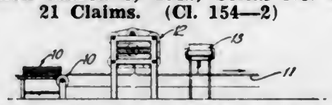
2,061,202
COMBINED MOTION PICTURE PROJECTOR AND SOUND REPRODUCER
Roy C. McClay, Hollywood, Calif., assignor to United Research Corporation, Long Island City, N. Y., a corporation of Delaware
Application October 3, 1932, Serial No. 635,965
2 Claims. (Cl. 88—16.2)

1. A double film attachment for a sound and picture projector having a plurality of film apertures formed in vertical alignment in one side wall thereof, said attachment comprising a supporting element separate from the projector support, two film magazines supported upon said element in vertically spaced relation, a fire trap conduit extending from the upper film magazine to the upper aperture, and a second fire trap conduit



having a portion extending from the lower film magazine to the upper magazine, a second portion secured to the upper magazine and a third portion extending from the upper magazine to the lower aperture.

2,061,203
ART OF LAMINATING, COATING AND THE LIKE
Ericsson H. Merritt, Lockport, N. Y., assignor to Laminating Patents Corporation, Seattle, Wash., a corporation of Delaware
Application March 8, 1932, Serial No. 597,447
21 Claims. (Cl. 154—2)

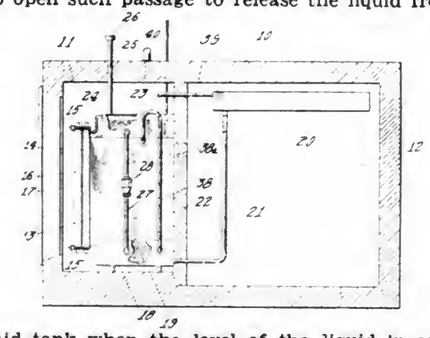


1. The process of coating, laminating and the like with a synthetic resinous material, which comprises the application of the synthetic resinous material to a surface in a potentially-reactive state and in non-penetrating powder form, and preventing the displacement of powder without causing penetration thereof by the independent application at said surface of a resin-free, non-oleaginous liquid which has a relatively great tendency to diffuse over the resin particles whereby the particles are held in place by the presence of a relatively small amount of liquid and which is solvent for said resinous material, and the subsequent setting of the resinous material.

2,061,204
LIQUID CONTROL
Virginius W. Moody, New York, N. Y., assignor to Reynolds Research Corporation, New York, N. Y., a corporation of Delaware
Application May 21, 1934, Serial No. 726,702
11 Claims. (Cl. 62—91.5)

1. Refrigerating mechanism comprising a compartment for articles to be refrigerated, a system of reflux transfer of a cooling liquid by means of gas pressure and having a section in heat transfer relation with the interior of said compartment, a tank for a reserve supply of cooling liquid, a conduit between said tank and said system, and a valve in said conduit normally

closing the passage in said conduit and operable to open such passage to release the liquid from

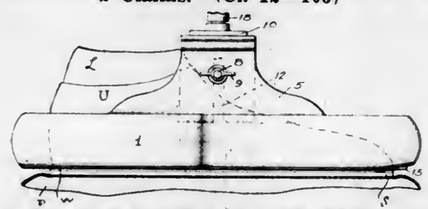


said tank when the level of the liquid in said system falls below a predetermined point.

2,061,205
PULPING PROCESS
Fredrich Olsen, Alton, Ill., assignor, by mesne assignments, to The Cellulose Research Corporation, a corporation of Delaware
No Drawing. Application October 31, 1931, Serial No. 572,443
8 Claims. (Cl. 92—13)

1. The process of treating wood material composed of cellulose fibers and noncellulosic material bound together comprising providing said material in desired subdivision, submerging said material in soaking liquor including a chemical adapted to be adsorbed by the interior capillary surfaces of the wood at temperatures below the reaction point, continuing said treatment for at least three hours at said temperatures and until the concentration of the liquor chemical within the wood exceeds the concentration of said chemical in said treating liquor, and then subjecting said material to a second impregnation with a different liquor to control the chemical content of said material within predetermined limits.

2,061,206
ADJUSTABLE OUTSIDE SUPPORT FOR SHOE REPAIRING
Lee E. Payne, Clinton, Okla.
Application June 11, 1934, Serial No. 730,113
2 Claims. (Cl. 12—103)

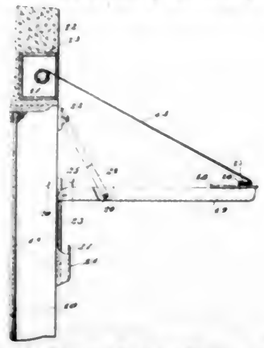


1. In a machine of the class described perforated complementary welt-gripping elements in combination with a central spacing member having a transverse slot extending vertically therein, and a bolt to pass through the perforations and the slot to tightly clamp the welt-gripping elements and the central spacing member together.

2,061,207
ARM FOR AWNING FRAMES
Berger A. Peterson, North Quincy, Mass.
Application March 30, 1936, Serial No. 71,637
5 Claims. (Cl. 156—44)

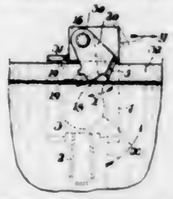
3. An awning bracket having a horizontal member attached and in combination with one

edge of the awning covering, the back end of said bracket being provided with a slide and slide ways, said slide ways being vertically attached to



the side of a building, a pivoted link attached to said building and pivoted to said bracket, a bottom receptacle adapted to receive the slide end of said bracket.

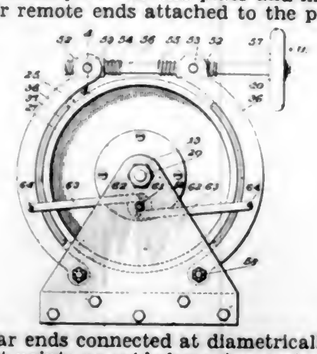
2,061,208
CAN OPENER
Bohumil Polák, Prague, Czechoslovakia, assignor to Grodetzky & Polák, Prague, Czechoslovakia
Application December 29, 1933, Serial No. 704,550. In Czechoslovakia and Germany November 11, 1933
5 Claims. (Cl. 30—3)



1. A can opener comprising a frame member, and a knife segment to cut the can, which knife segment is pivotally mounted on the member, said segment having a cutting edge and an integral tongue on the segment bent from the edge thereof at right angles to the segment to wedge against the side of the rim of the can before starting the opening operation and before the cutting edge contacts with the top end of the can and to cause the cutting edge to pierce through the top of the can due to the wedging action.

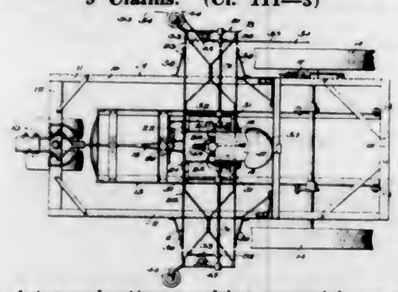
2,061,209
BRAKE CONSTRUCTION FOR HOISTS
Fred P. Porter, Kellogg, Idaho, assignor to Coeur D'Alene Hardware & Foundry Company, Wallace, Idaho, a corporation of Idaho
Original application April 15, 1935, Serial No. 16,473. Divided and this application March 3, 1936, Serial No. 66,924
2 Claims. (Cl. 188—74)

1. In a hoist, a brake of the external contracting type, comprising a drum which has a flange providing a brake seat, a shaft for the drum, supporting means for the shaft including an end plate, a pair of brake posts coacting with the flange and means by which said posts are mounted at one end on said end plate, means mounted solely on the other ends of the posts for opening and closing them with respect to the flange, and equalizer means consisting of an element pivoted directly on the end plate and links having their remote ends attached to the posts and



their near ends connected at diametrically opposite pivot points on said element so as to equalize the opening and closing movements of the posts.

2,061,210
CHECKROW TRANSPLANTING MACHINE
John Powell, Kokomo, Ind.
Application November 22, 1935, Serial No. 51,158
9 Claims. (Cl. 111—3)



6. A transplanting machine comprising a main frame, an auxiliary frame mounted on said main frame for vertical movement relative thereto, a furrow opener on the auxiliary frame, furrow closing means on the auxiliary frame, a secondary frame comprising a middle section and a pair of end sections hinged thereto, said secondary frame extending transversely of the machine above said main and auxiliary frames, the middle section being mounted on the auxiliary frame and the end sections being mounted on the main frame, a shaft on the middle section, plant gripping, carrying and depositing means on said shaft, a check-wire operable shaft on each end section, and a driving connection between each last mentioned shaft and the shaft on said middle sections.

2,061,211
METHOD OF IMPROVING THE APPEARANCE OF SILK FABRICS
Warren T. Reddish, Cincinnati, Ohio, assignor to Emery Industries, Inc., Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application January 31, 1933, Serial No. 654,554
6 Claims. (Cl. 87—5)

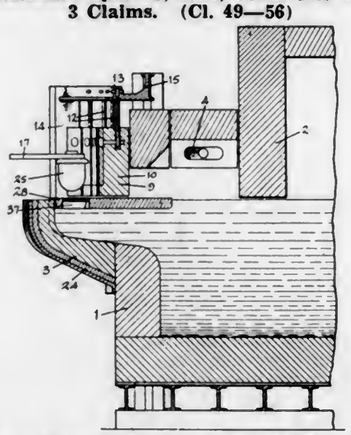
1. The process of leveling the size of silk and rayon fabrics finished with a water sensitive size, said process comprising, agitating said fabrics in a dry cleaning solvent of the group consisting of volatile and chlorinated hydrocarbons in which there is dispersed moisture equal in amount to between five and fifteen percent of the weight of the fabrics being treated, and continuing said agitation until the fabrics being treated have absorbed said moisture from the dry cleaning solvent.

2,061,212
HAIR WAVING APPARATUS
Peter Santurello, Columbus, Ohio
Application February 19, 1935, Serial No. 7,250
6 Claims. (Cl. 132—33)



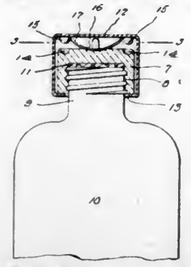
1. A hair waving device comprising a mandrel, a base plate upon which said mandrel is mounted, means for mounting said mandrel on said base plate in such a manner as to permit rotation thereof in one direction but to preclude rotation thereof in an opposite direction relative to said base plate, means on said mandrel for securing the free end of a lock of hair thereto, a hair gripping device for gripping the lock of hair adjacent the scalp, said hair gripping device having a flat upper surface of comparatively great area, said base plate having a flat lower surface of comparatively greater area than the cross-sectional area of the lower end of the mandrel adapted to rest against the flat surface of said gripping device, means for detachably securing said base plate to said gripping device in such a manner that the flat surface of the base plate rests on the flat surface of the hair gripping device so as to prevent tilting of the mandrel relative to said device, said means comprising a depending pin on said base plate which fits into a cooperating slot formed in said gripping device.

2,061,213
GLASS TANK FEEDING SHELF
Franz G. Schwalbe, Toledo, Ohio, assignor to Toledo Engineering Company, Incorporated, Toledo, Ohio, a corporation of Ohio
Application April 15, 1935, Serial No. 16,272
3 Claims. (Cl. 49—56)



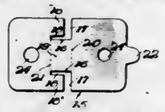
2. In combination with a glass shelf for glass furnaces, the furnace having a wall depending to near the surface of the glass, a refractory member having an edge part substantially fitting the interior of the shelf and floatable on the surface of the glass in the shelf, and extending rearwardly beneath the said wall and into the furnace and having an opening extending from near one end and from near the rear edge of the said member and along the shelf and to near the other end of the said member and near the said rear edge of the member, the portion of the opening located within the shelf being substantially circular and the end portions of the opening formed by edges that flare relative to each other to increase the width of the said end portions of the openings within the furnace, a suction gathering mold, and means for moving the mold circularly along and into the surface of the glass in the shelf and in the opening.

2,061,214
BOTTLE CAP
William C. Sentman, Kellogg, Idaho, assignor of one-half to Oscar G. Reiman, Kellogg, Idaho
Application November 11, 1935, Serial No. 49,313
3 Claims. (Cl. 215—9)



1. In a cap of the character described, inner and outer complemental cap members, said inner cap member fitting loosely within the outer cap member, a disk interposed between the crowns of said cap members and secured to the crown of the inner cap member, and upwardly directed curved fingers integral with the edge of said disk and engaging the crown of the outer cap member for yieldably retaining the crowns of said cap members in spaced relation, and inter-engaging means on the crowns of said cap members adapted to be engaged in opposition to said fingers for transmitting movement of the outer cap member to the inner cap member.

2,061,215
MARKING TAG
George H. Taylor, Norfolk, Va., assignor to Metallic Tag Company, Richmond, Va., a corporation of Virginia
Application January 24, 1936, Serial No. 60,690
1 Claim. (Cl. 40—3)



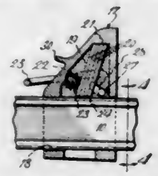
A marking tag comprising side portions and an intermediate reduced wrapping portion upon which the hair of an animal's tail or the like is wrapped, said tag having means for holding engagement with the wrapped hair when the tag is folded upon the wrapping portion, said side portions having openings arranged to register when the side portions are in the substantially flat folded position, said registering openings being spaced substantial distances from the opposite longitudinal edges of the folded side portions, said registering openings serving to weaken the folded side portions so that said folded side portions may again be folded upon themselves along lines passing through said registering openings.

2,061,216
FLOOR WAXING DEVICE
Henry C. Thompson, Longmeadow, Mass.
Application September 30, 1935, Serial No. 42,801
2 Claims. (Cl. 91—25)



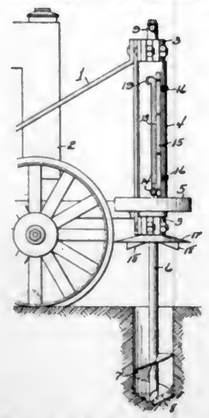
1. In combination, in a floor waxing apparatus, a handle member, a waxing pad attached thereto, a receptacle for containing a waxing liquid, clamping means for securing the receptacle to the handle, the receptacle having a wax discharge orifice or opening, a stopper or closure member for normally closing the orifice, a coiled slidable part located on the handle and connected to the stopper member, and means for normally retaining the stopper in its closed position, said means comprising a movable slotted plate, a guiding pin located in the slot of the movable plate, said plate being connected to the said slidable part located on the handle, a spring, one end of which is connected to the stopper supporting member and its other end attached to the handle member, whereby the action of the spring serves to normally retain the stopper in its closed position.

2,061,217
CLAMP
Albert Keith Watcher, Cincinnati, Ohio, assignor to The Cincinnati Tool Company, Norwood, Ohio, a corporation of Ohio
Application April 27, 1935, Serial No. 18,607
5 Claims. (Cl. 144—303)



2. A clamp, comprising, a bar, a clamping jaw slidably mounted on said bar, means for adjusting said clamping jaw, a work rest slidably adjustably mounted on said bar, said work rest cored to provide a chamber, a lock plate in said work rest chamber, spring means for urging said plate into wedged position between a wall of said chamber and said bar for rigidly engaging an edge of the plate with the surface of the bar, and a lever engaging the side of the plate opposite to the side engaged by the spring means for moving said plate from wedged position for disengaging said edge from the bar.

2,061,218
CONVERTIBLE POST HOLE DIGGER
R. T. Watson, Burkett, Tex.
Application March 2, 1936, Serial No. 66,735
2 Claims. (Cl. 255—19)



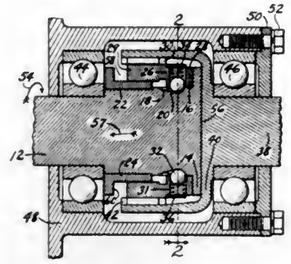
1. A portable post hole digger comprising a supporting structure mounted to a tractor, a casing journaled to said supporting structure, means for rotating said casing by power received from the tractor, a shaft journaled in said casing, boring means secured to said shaft, a handle secured to said shaft for moving the latter endwise, a plate secured to the shaft, said casing having slots, extensions formed on the plate and extending through the slots, adjustable tracks mounted on said casing adjacent the slots, rollers journaled to said extensions and engaging the tracks for establishing a drive between the shaft and the casing and capable of permitting endwise movement of the shaft with respect to said casing.

2,061,219
WASHING DEVICE FOR AUTOMOBILES AND THE LIKE
Charles Lester Wright, Monroe, N. Y.
Application May 27, 1936, Serial No. 82,132
1 Claim. (Cl. 15—130)



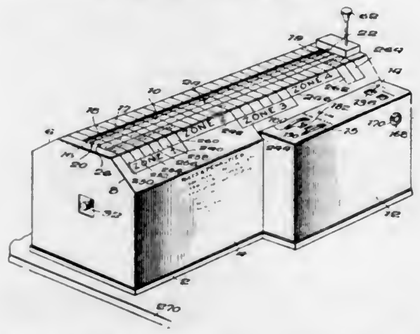
In a glove for washing and cleaning purposes to be attached to a source of water supply, a water containing section, a sponge section, and a hand-receiving section arranged in superposed relation and each of glove-like form and of resilient material, the container section having a perforate outer wall, a sleeve-like extension on the wrist end thereof internally threaded for attachment to said water supply, a deflector carried by said container section extending rearwardly of said sponge section and provided with rearwardly convergent marginal edges, and flanges carried by the marginal edges of said deflector, the rear end of said deflector and the rear ends of said flanges extending laterally of said extension.

2,061,220
OVERRUNNING CLUTCH
Frederick W. Cotterman, Dayton, Ohio, assignor of one-half to Bessie D. Apple, Dayton, Ohio
Application June 25, 1935, Serial No. 28,306
10 Claims. (Cl. 192—46)



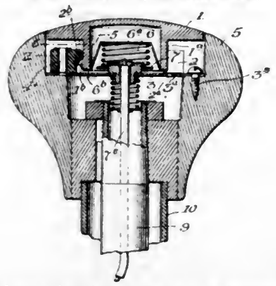
1. An overrunning clutch comprising, two rotatable members, an operating member, a jaw clutch member on one rotatable member, a second jaw clutch member on the operating member engageable with the first for connecting the one said rotatable member with the operating member, helical splines connecting the operating member to the second rotatable member, said splines being angled to cause movement of the operating member to effect engagement of the jaw clutch members whenever the first rotatable member tries to pass the rotative speed of the second, and guide and follower means associated with the first rotatable member and operating member for guiding the clutch engaging movement of said clutch operating member so that the jaw clutch members approach their engaged relation with the teeth of one intermediate the teeth of the other.

2,061,221
GAME DEVICE
Edwin H. Craig, Shippensberg, Pa.
Application March 20, 1935, Serial No. 12,077
8 Claims. (Cl. 273—94)



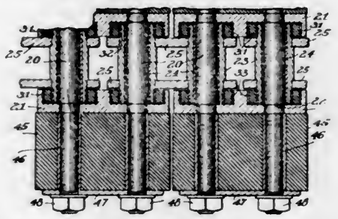
1. In a game device a playing mechanism comprising a base, a cylindrical element having thereon a plurality of circumferential sets of individual indicia, a shaft extending axially from said cylindrical element, means for rotatably mounting said cylindrical element on said base, means for starting rotation of the cylindrical element and an indicator actuated in accordance with the number of actuations of the starting means and provided with indicia representing the progress of a playing period.

2,061,222
HORN BUTTON
William K. Creson, La Fayette, Ind., assignor to Ross Gear & Tool Company, La Fayette, Ind., a corporation of Indiana
Application May 4, 1936, Serial No. 77,834
8 Claims. (Cl. 200—59)



1. In a horn button switch; a button having a plurality of segmental flanges on its underside; and a plurality of segments attached to a supporting member; said segments having flanges adapted to be brought to opposed position by partially rotating the button; and provided with means whereby the button is yieldably locked against rotatorial adjustment when the flanges are properly opposed.

2,061,223
CHAIN CONSTRUCTION
Francis E. Cunningham and David Fergusson, Rochester, N. Y., assignors to James Cunningham, Son & Company, Rochester, N. Y., a corporation of New York
Application October 5, 1933, Serial No. 692,308
11 Claims. (Cl. 305—10)

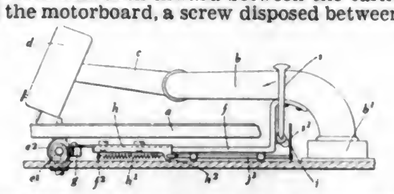


1. A chain comprising a series of pins, a metallic member rotatably mounted on and having a substantial bearing on each pin, a pin link non-rotatably secured to each pin and extending in one direction, a second link non-rotatably secured to each member and extending in an opposite direction, each member having a portion projecting beyond the link secured to that member in a direction toward its associated pin link, said pin link having a recess surrounding said projecting portion of the member, and a resilient ring in said recess connected to said pin link and to said projecting portion of said member and acting as a seal for impeding entrance of foreign matter between its associated member and pin.

2,061,224
TRACKING DEVICE FOR GRAMOPHONE SOUND RECORDING ATTACHMENTS
Achille Democratis, London, England, assignor to Acoustograph Limited, London, England, a company of Great Britain
Application March 9, 1935, Serial No. 10,309
In Great Britain March 17, 1934
13 Claims. (Cl. 274—13)

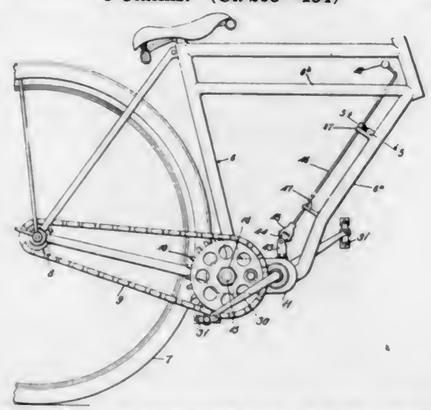
1. The combination with a phonograph including a motorboard, a turntable above the motor-

board, a tone arm having a portion thereof movable horizontally to carry a recording head or reproducing sound box diametrically across the turntable and a spindle on which the turntable is carried and extending through the motorboard, of a traversing arm attached to the tone arm and extending downward outward of the edge of the turntable and then inward between the turntable and the motorboard, a screw disposed between the



turntable and the motorboard and having driving engagement with the spindle and extending therefrom to a point adjacent the rim of the turntable, an element carried by the traversing arm and yieldingly bearing against the screw and having threaded engagement therewith, and manually operable means for shifting the screw and element relative to each other in a horizontal plane beneath the turntable to engage or disengage them.

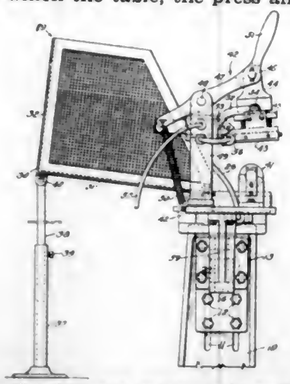
2,061,225
PROPULSION MECHANISM FOR BICYCLES
Lee J. Duvall, Louisville, Ky.
Application November 6, 1934, Serial No. 751,761
5 Claims. (Cl. 208—154)



1. Propulsion mechanism for bicycles comprising a bicycle frame, a driven wheel operatively connected to the frame, a variable speed gear set housed within the frame, a sprocket and chain drive between the gear set and the said wheel, a rotatable gear shifting means supported on the frame and terminating in an operating knob located at the top of the frame and a detent mechanism for holding said gear shifting means in different positions of rotation.

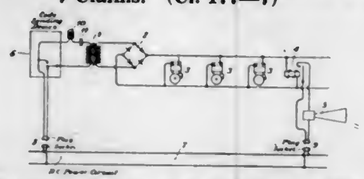
2,061,226
APPARATUS FOR CONDITIONING SHOE BOTTOM FILLERS
Charles F. Eaton, West Newbury, Mass., assignor, by mesne assignments, of one-half to North American Holding Corporation, Syracuse, a corporation of New York, and one-half to Parshad Holding Corporation, Syracuse, N. Y., a corporation of New York
Application May 25, 1935, Serial No. 23,405
4 Claims. (Cl. 18—1)

2. Shoe filling apparatus comprising a work table, a bin having a bottom whose front edge is closely adjacent to the rear edge of the table, a shoe filling press associated with said table, a standard including a vertically adjustable fixture by which the table, the press and the front



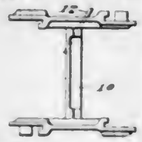
edge of the bin are supported, and a bracket carrying the press and pivotally mounted on said fixture on a vertical axis whereby the press may be horizontally and angularly adjusted with relation to the table.

2,061,227
SIGNALING SYSTEM
William H. Edwards, Great Neck, N. Y., assignor to American Telephone and Telegraph Company, a corporation of New York
Application February 10, 1930, Serial No. 427,385
7 Claims. (Cl. 177—7)



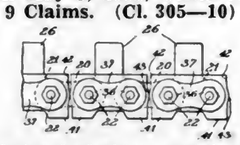
6. The combination of a source of direct current, a key having a front contact and a back contact, a condenser, a transformer, said source of direct current, the front contact of said key, said condenser and the primary winding of said transformer being connected in series relationship for charging said condenser, the back contact of said key being connected in series relationship with said condenser and the primary winding of said transformer for discharging said condenser, and a full wave rectifier connected to the secondary winding of said transformer.

2,061,228
CONVEYER
Nixon W. Elmer, Oak Park, Ill., assignor to Redler Conveyor Company, Quincy, Mass., a corporation of Massachusetts
Application August 12, 1935, Serial No. 35,811
6 Claims. (Cl. 198—168)



1. A conveyer for transporting flowable solid material in a mass having, in combination, a casing, a transporting member adapted to be drawn through the casing and provided with a plurality of open flights, said transporting member being provided with scraping means projecting beyond the contour of the flights a distance corresponding to the distance at which the transporting member floats from the casing and adapted to cooperate with the interior of the casing to remove material adhering thereto.

2,061,229
VEHICLE TREAD CHAIN
David Fergusson, Rochester, N. Y., assignor to James Cunningham, Son & Company, Rochester, N. Y., a corporation of New York
Application May 5, 1932, Serial No. 609,387
9 Claims. (Cl. 305—10)



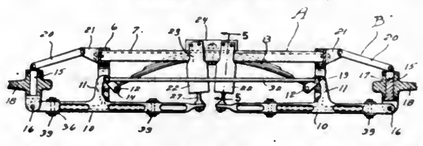
8. A vehicle track chain comprising a longitudinally extending row of track blocks, two pin means extending transversely into each track block, and link means connecting each pin means of each track block to one pin means of an adjacent block, each track block having its greatest length approximately at the level of said pin means and being of slightly reduced length both above and below the level of said pin means to provide clearance space between adjacent blocks so that said blocks may oscillate relatively to each other, the upper surfaces of the blocks collectively providing a trackway over which a vehicle wheel may roll, the lower ground-engaging surface of each block having lower front and rear corners separated from each other by a distance approximately equal to the length of the upper surface of the block and greater than the center to center distance between the two pin means extending into the block.

2,061,230
MANUFACTURE OF GELATIN RELIEFS FOR PRINTING
Walter Frankenburger and Georg Rössler, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
Application August 18, 1934, Serial No. 740,500
In Germany August 19, 1933
7 Claims. (Cl. 95—5.6)



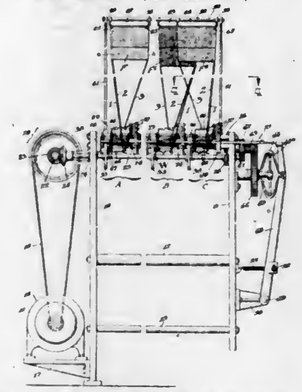
1. A manufacture of gelatin reliefs for printing which comprises incorporating in a silver halide gelatin emulsion, a finely dispersed solid substance of which the main part has a particle diameter not exceeding 1μ which substance does not influence the silver halide and is insoluble in the photographic treating baths, sensitizing said silver halide emulsion, sensitizing said emulsion layer for a spectral region different from its initial sensitivity, dyeing said silver halide emulsion in a color complementary to that to which said emulsion has been sensitized casting said emulsion on a support to form a layer, producing a latent image in said emulsion, developing said image to a silver picture and etching said emulsion layer to form a relief.

2,061,231
FRONT AXLE FOR VEHICLES
Thomas M. Fraser, Sheridan, Wyo.
Application March 3, 1936, Serial No. 66,910
11 Claims. (Cl. 267—19)



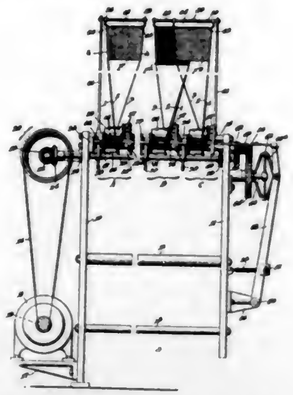
1. A front suspension for motor vehicle bodies, comprising a pair of relatively movable axle sections, spring means suspending the body from the intermediate portions of the axle sections, spring means yieldably suspending the inner ends of the axle sections, a steering knuckle at the outer end of each axle section, tie rods connecting the axle sections, and clamping means between the axle sections and body permitting relative yielding of the axle sections without disalignment of said steering knuckles.

2,061,232
MACHINE FOR RECLAIMING YARN FROM KNITTED FABRIC
Gustav Gastrich, Wyomissing, Pa., assignor to Textile Machine Works, Wyomissing, Pa., a corporation of Pennsylvania
Application February 12, 1934, Serial No. 710,905
5 Claims. (Cl. 28—17)



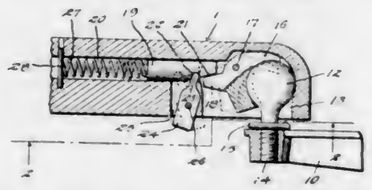
1. A machine for reclaiming yarn from a fabric knitted from at least three yarns in recurring sequence; comprising at least three yarn take up reels provided one for each of said yarns for unravelling and rewinding the yarn, each reel having a rotatable driven member associated therewith for transmitting driving power thereto; a rotating drive member adapted to engage said driven member for rotating the reel in a direction to take off and rewind the yarn; and means controlled by the yarn for shifting the axis of one of said driving and driven members relative to the axis of the other of said members to interrupt the driving connection therebetween when the yarn is held and prevented from paying out, said means including an upwardly inclined surface along which the axis of the shifted member is moved by the yarn when the latter is held, for causing the shifted member to intermittently slide along and rest on said inclined surface and return along the surface to a position of driving engagement with the other member when the yarn is released again to permit paying out or unravelling thereof.

2,061,233
METHOD OF RECLAIMING YARN FROM MULTIYARN KNITTED FABRIC
Gustav Gastrich, Wyomissing, Pa., assignor to Textile Machine Works, Wyomissing, Pa., a corporation of Pennsylvania
Application March 26, 1934, Serial No. 717,443
2 Claims. (Cl. 28—17)



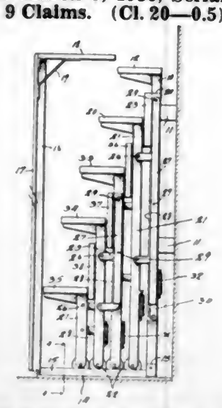
1. The method of unraveling yarn from knitted fabric, which comprises driving a bobbin at one end, supporting the bobbin normally in horizontal driven position but rendering it capable of tilting movement about its other end for shifting the driven end out of association with the driving force, supporting the fabric, extending a yarn between the fabric and the bobbin, arranging the yarn to wind on the bobbin, directing a portion of the yarn from the bobbin and supporting said portion in position for receiving and supporting the bobbin in tilted condition through a winding action of the bobbin under resistance to unraveling, and assisting said yarn portion in its support of the bobbin by additionally supporting the bobbin to a substantial extent sufficiently less than necessary to entirely support the bobbin for providing effective return of the bobbin to driven position when its support by the yarn is removed.

2,061,234
TRAILER COUPLING
William Hoflich, Albany, Oreg.
Application October 8, 1935, Serial No. 44,113
4 Claims. (Cl. 280—33.15)



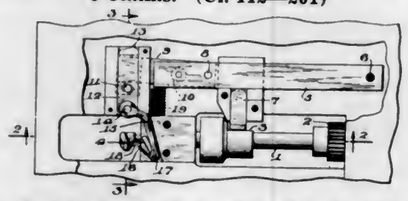
1. A coupling device as set forth comprising a body having a downwardly opening socket therein, a headed member engageable in the socket from below, a locking member pivotally mounted in the body, and a spring-pressed member slidable longitudinally of the body and engageable with the locking member to hold the locking member in either locked or released position.

2,061,235
FOLDABLE BLEACHER SEAT
Paul E. Horn, Fort Dodge, Iowa
Application March 3, 1936, Serial No. 66,919
9 Claims. (Cl. 20—0.5)



1. A seating structure including a plurality of series of upright supports, each series being shorter than the series behind, a longitudinally extending seat mounted on each series of supports, all of the supports except the tallest being movable rectilinearly toward or from the tallest support and at all times operatively engaging a supporting surface at their lower ends, and operative connections between each series of seat supports and the next adjacent rearward seat supports constructed and arranged to swing into planes coincident with the plane of the next adjacent rearward series of supports.

2,061,236
VIBRATING NEEDLE CHAIN STITCH MECHANISM
Frank L. Jennings, Philadelphia, Pa.
Application February 7, 1936, Serial No. 62,753
6 Claims. (Cl. 112—201)

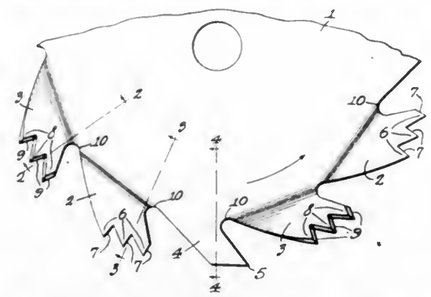


1. In a button sewing machine, the combination of a rotary thread looper, a link provided with an integral finger operative to draw a thread loop from and momentarily to one side of the path of movement of said looper, means to reciprocate one end of said link in substantial alignment with the plane of movement of said looper, and means to guide the finger portion of said link in a path angularly disposed with respect to the plane of rotation of said looper.

2,061,237
GROOVING SAW
George J. Karle, Sr., Buffalo, N. Y.
Application May 7, 1935, Serial No. 20,245
1 Claim. (Cl. 143—133)

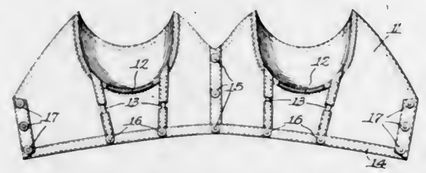
A one-piece sheet metal grooving saw including a circular blade having marginal toothed sections spaced throughout their depths, said sections being arranged in pairs, and raker teeth

between and spaced from the pairs of sections, each raker tooth having a sharp advancing edge and occupying the same plane with the blade, all of the toothed sections and raker teeth cooperating to form gullets between the base portions thereof, one of the toothed sections of each pair being offset uniformly beyond one face of the



blade along lines connecting the gullets at the base thereof, while the other section of said pair is offset uniformly beyond the opposite face of the blade along lines connecting the gullets at the base thereof, the cutting edges of all of the teeth on all of the sections being equidistant from the plane of rotation of the blade

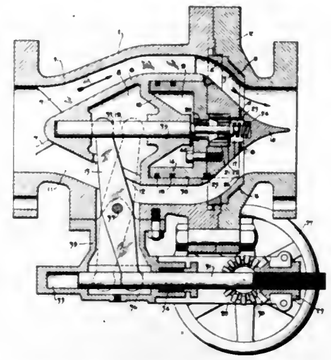
2,061,238
GARMENT SUPPORT
Helen Klein, Tampa, Fla.
Application August 15, 1935, Serial No. 36,404
1 Claim. (Cl. 241—7)



A garment support comprising a split band constructed of yieldable material, enlarged padded members at the ends of the split band, a member rising from the band at a point intermediate the ends of the band, socket members on the padded members and member rising from the band, and said socket members adapted to receive headed members secured to the garment positioned on the garment support.

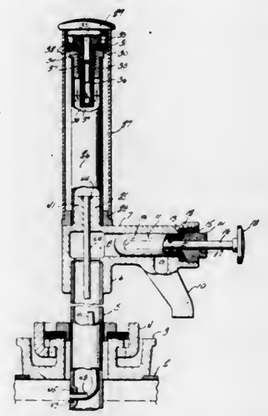
2,061,239
VALVE
Chester W. Larner, Philadelphia, and Otto V. Kruse, St. Davids, Pa., assignors to Baldwin-Southwark Corporation, a corporation of Delaware
Application July 24, 1935, Serial No. 32,832
9 Claims. (Cl. 137—139)

1. A valve mechanism comprising, in combination, inner and outer annular casings spaced to form an annular fluid passageway, a movable plunger valve telescopically arranged with respect to said inner casing for axial movement to open and close said passageway, means forming a fluid pressure operating chamber therefor, a source of operating fluid, a pilot valve controlled passage for the operating fluid of said chamber, and means whereby during closing movement of the



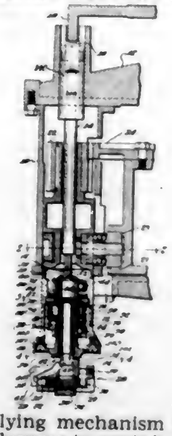
valve plunger said pilot valve remains open but is closed after said valve plunger is closed.

2,061,240
BEER PUMP
Oscar J. Leins, Milwaukee, Wis., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis., a corporation of Wisconsin
Application January 12, 1934, Serial No. 706,347
7 Claims. (Cl. 225—16)



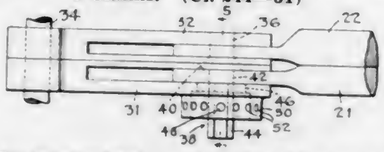
7. A device for dispensing carbonated beverages comprising a tap tube, a valve casing associated with the tap tube having a vertical and transverse passage, a portion at least of said vertical passage accommodating said tap tube, the inner end of said transverse passage communicating with the tap tube, a spout connected with the outer end of the transverse passage, a valve in the transverse passage for controlling flow therefrom to the spout, means for supplying gas under pressure, a gas transfer pipe smaller than the tap tube and extending therethrough, the lower end of the gas transfer pipe extending transversely through the tap tube, and means coacting with the upper end of the gas transfer pipe to shut off communication between said gas supply means and said tap tube while providing for communication between said gas supply means and said gas transfer pipe.

2,061,241
CLOSURE APPLYING MECHANISM
Arthur W. Lindholm, East Milton, and Arthur Clarence Everett, Boston, Mass., assignors to Pneumatic Scale Corporation, Limited, Quincy, Mass., a corporation of Massachusetts
Application November 23, 1933, Serial No. 699,394
6 Claims. (Cl. 226—88)



1. Closure applying mechanism for the application of screw closures to containers comprising a rotatable outer housing, a chuck carrying member supported within the housing to be capable of vertical movement with relation to the housing and of rotary movement with the housing, and a friction connection between the chuck carrying member and the outer housing for effecting rotation of the two together, said chuck carrying member having a chuck mounted on the lower end thereof.

2,061,242
AIRPLANE BRACING
Grover Loening, Mill Neck, N. Y., assignor to Grover Loening Aircraft Company, Inc., Garden City, N. Y., a corporation of New York
Application August 11, 1933, Serial No. 684,611
3 Claims. (Cl. 244—31)

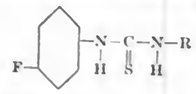


1. In an airplane, a pair of solid wing-brace wires, parallel and adjacent and of substantially equal strength, and of complemental cross-sectional shapes forming a single stream-line contour, and means for adjusting the tension of one of said wires to equalize the tension on the two wires.

2,061,243
UNSYMMETRICAL FLUORO-PHENYL-THIOUREAS AND PROCESS OF PREPARING SAME
Herbert A. Lubs and Arthur L. Fox, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application August 24, 1932, Serial No. 630,248
10 Claims. (Cl. 260—125)

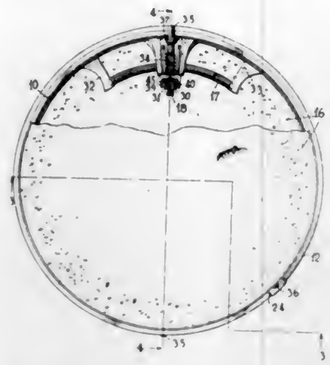
1. The process of preparing p-fluoro-phenylthioureas which comprises reacting p-fluoro-aniline with a member of the group consisting of alkali metal thiocyanates and lower alkyl and aryl isothiocyanates of the benzene and naphthalene series.

10. Unsymmetrical compounds of the type:



wherein R represents a member of the group consisting of hydrogen, lower alkyl and aromatic radicals of the benzene and naphthalene series.

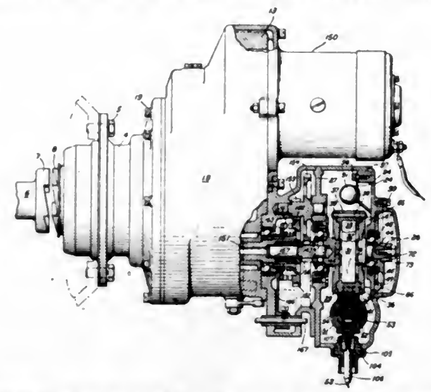
2,061,244
UNITENSIONED DRUM
Cleve M. Au-Miller, Mifflinburg, Pa.
Application April 29, 1935, Serial No. 18,900
7 Claims. (Cl. 84—411)



1. A drum comprising a slotted shell, a drum head mounted on the shell, a hoop to hold the drum head, a guide formed from the shell at an end of said shell, a band mounted outside the shell near an end of the shell, a grooved annulus engaging the said band and the said hoop, pins carried by the said band projecting inwardly through the said shell, a slide ring loosely mounted within the said shell with an edge thereof bent inwardly and the other edge engaging the guide at an end of the shell, cam surfaces formed in the said slide ring, said pins engaging the said cam surfaces and means inside the shell to move the slide ring around within the shell to move the said pins, whereby the elements on the outside of the shell are moved to tension the drum head.

2,061,245
MAGNETO
Edward B. Nowosielski, Bloomfield, N. J., assignor to Eclipse Aviation Corporation, East Orange, N. J., a corporation of New Jersey
Application September 19, 1934, Serial No. 744,719
2 Claims. (Cl. 123—179)

1. In a magneto of the type adapted to constitute part of an internal combustion engine starter mechanism, a box-like rotor frame including circular end plates and segmental connecting shoes having pockets aligned in parallelism with said end plates, a plurality of bar magnets received in said pockets, enclosure means forming part of the starter housing, and two distinct supporting shafts journaled in said enclosure means, each shaft having its inner end secured to one of said end plates, said inner

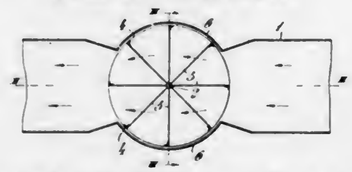


ends being separated by the intervening bar magnets above recited.

2,061,246
GRANULAR MATERIAL
Ernest H. Nichols, Hagerstown, Md.
No Drawing. Application June 12, 1935, Serial No. 26,316
10 Claims. (Cl. 91—70)

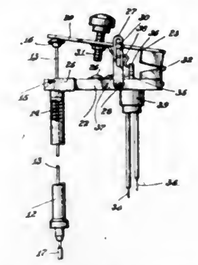
4. A method of making granular material consisting of forming granules of a desired size from mineral material, applying a surfacing of flux and a porcelain enamel frit, and a fusible fluorine compound selected from the group consisting of the silico-fluorides and fluorides of sodium, potassium, zinc, magnesium and aluminum, and chromium fluoride, and firing the same at a temperature and for a time to completely fuse the flux and partly fuse the frit.

2,061,247
SPARK CATCHER
Otto Nordström, Sundsvall, Sweden
Application December 3, 1934, Serial No. 755,817
In Sweden March 12, 1932
2 Claims. (Cl. 110—119)



1. A spark extinguisher, comprising a drum-shaped casing having two oppositely positioned openings at its periphery, a gas inlet connected to one of said openings and a gas outlet connected to the other opening, a driven shaft extending centrally through the drum, two circular discs attached to said shaft in close proximity to the end walls of the casing, perforated radial blades extending between said discs so as to form a blade wheel having the space between said discs divided into a plurality of pockets open at the periphery of the blade wheel in order, upon slow rotation of the wheel, to receive glowing particles as entering from the gas inlet and retain them for a sufficient time to cause them to become extinguished before delivering them to the gas outlet, while allowing continuous passage of the gases from the gas inlet to the gas outlet.

2,061,248
FLASHLIGHT APPARATUS
Phelps Olds, New York, N. Y.
Application February 28, 1933, Serial No. 658,965
4 Claims. (Cl. 67—29)



1. Flashlight apparatus embodying therein the combination with a camera having a shutter, and a mechanical release mechanism therefor comprising an immovable sheathing, and a wire movable in said sheathing and projecting beyond opposite ends thereof, of a support for a flash bulb unconnected with, and movable independently of, said camera, a control device embodying therein a rigid member having means adjacent one end thereof whereby said sheathing may be attached thereto, and a switch contact intermediate the ends thereof, a second member having a flexible end adapted to engage the projecting end of said movable wire, and a switch contact adapted to cooperate with the contact carried by the other member, and a hinge connection between said members, an electrical source, and circuit forming connections between said source and said bulb including therein said switch contacts.

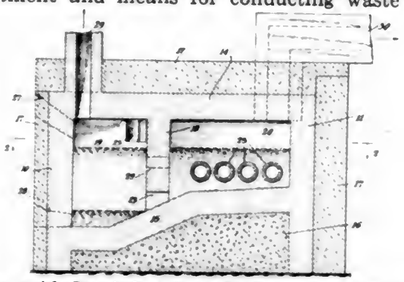
2,061,249
PROCESS OF HALOGENATING N-DIHYDRO-1:2:2':1'-ANTHRAQUINONE AZINES
Ferdinand W. Peck, Penns Grove, N. J., and Raymond J. Sobatzki, Carrollville, Wis., assignors to E. I. du Pont de Nemours and Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 16, 1933, Serial No. 652,098
7 Claims. (Cl. 260—31)

4. In a process of producing chlorinated N-dihydro-1:2:2':1'-anthraquinone azines, the improvement which comprises treating a sulphuric acid solution of N-dihydro-1:2:2':1'-anthraquinone azine with chlorine under super-atmospheric pressure in the continuously maintained presence of at least one mole of added hydrogen chloride per mole of N-dihydro-1:2:2':1'-anthraquinone azine.

2,061,250
COMBINATION DISTILLATION AND LIQUATION FURNACE
Melville F. Perkins, Woodbridge, N. J., assignor to American Smelting and Refining Company, New York, N. Y., a corporation of New Jersey
Application August 5, 1932, Serial No. 627,589
10 Claims. (Cl. 266—11)

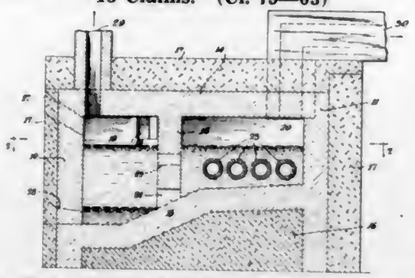
1. An apparatus for continuously effecting a separation between zinc and lead by simultaneous distillation and liquation which comprises an insulated furnace having liquation and distillation compartments, a wall common to said compartments, passageways through said wall at least one of same being at the hearth level of the fur-

nace, fire tubes positioned in said distillation compartment and means for conducting waste gas



from said fire tubes to said liquation compartment.

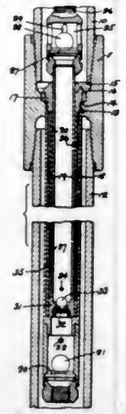
2,061,251
PROCESS FOR SEPARATING METALS
Melville F. Perkins, Woodbridge, N. J., assignor to American Smelting and Refining Company, New York, N. Y., a corporation of New Jersey
Application July 25, 1934, Serial No. 736,896
13 Claims. (Cl. 75—63)



1. The process for separating metals which comprises forming a molten bath thereof, subjecting a portion of such bath to a temperature sufficient to effect volatilization of one of the metals, simultaneously maintaining the remaining portion of the bath at a temperature suitable for the liquation of the other metal and effecting intercirculation and exchange between the respective portions of the bath while conducting said volatilizing and liquating operations.

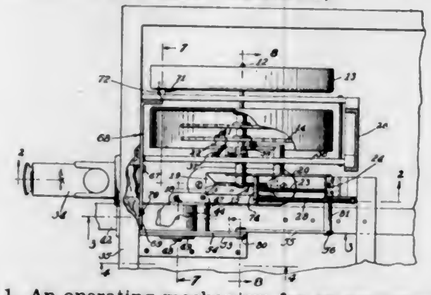
2,061,252
PLUNGER PUMP
Clifford M. Peters, Smackover, Ark.
Application February 17, 1936, Serial No. 64,189
2 Claims. (Cl. 103—179)

1. In a pump having a discharge pipe with an annular seat adjacent its lower end; a cylinder assembly and a plunger assembly reciprocably cooperating, said cylinder assembly comprising an annular head having annular supporting and sealing means cooperating with said annular seat, a barrel and a tube spaced inward therefrom, both secured to and depending from said head, said tube being shorter than said barrel, and a foot valve carried by said barrel; said plunger assembly comprising a working valve, an annular upper head, a barrel secured to and depending from said head within said cylinder tube and having a working fit therewith, an annular lower head carried by said barrel and a tube shorter than said barrel spaced outward therefrom secured to and extending upward from said lower head, said plunger tube lying between said cylinder barrel and cylinder tube and having a working fit with said barrel, said cylinder barrel and tube and said plunger barrel and tube forming together a labyrinthine passageway interrupted by upper and lower pockets both decreasing in volume on the upstroke of said plunger and having discharge escape only along the respective working surfaces between said barrels and their cooperat-



ing tubes; whereby leakage downward along the pump barrel due to the pressure of the fluid column during the pumping stroke is opposed by upward discharge flow from the lower pocket augmented by counterbalancing pressure from the upper pocket.

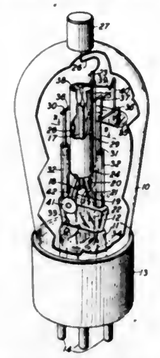
2,061,253
AMUSEMENT APPARATUS
David C. Rockola, Chicago, Ill.
Application June 29, 1935, Serial No. 29,039
5 Claims. (Cl. 273—1)



1. An operating mechanism for an amusement apparatus of the type which includes a cabinet having a free game registering dial and a ticket dispensing device mounted therein, said operating mechanism including means for moving the said free game registering dial in circumferential steps in a direction back toward its initial position, and means coacting with the said first-named means, when the latter is operated, for operating the said ticket dispensing device in a direction to dispense a ticket from the said cabinet.

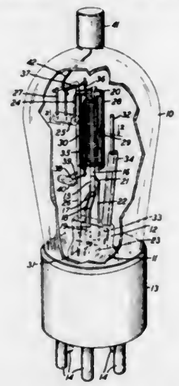
2,061,254
ELECTRIC DISCHARGE DEVICE
George H. Rockwood, Jr., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application October 3, 1934, Serial No. 746,630
12 Claims. (Cl. 250—27.5)

1. An electric discharge device comprising an enclosing vessel having an ionizable atmosphere therein, a cathode, a plurality of electrically separate anodes, and a control electrode encompassing said cathode and having openings through which cathode-anode discharges may occur, said cath-



ode, control electrode, and anodes being so constructed and arranged that the breakdown characteristics for said anodes are different.

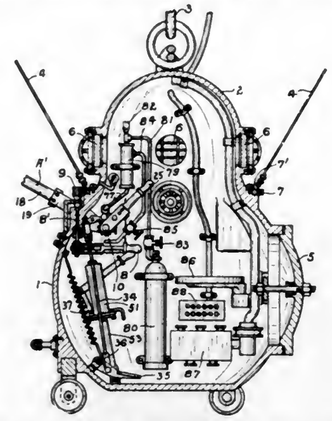
2,061,255
ELECTRIC DISCHARGE DEVICE
George H. Rockwood, Jr., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application October 3, 1934, Serial No. 746,631
8 Claims. (Cl. 250—27.5)



1. An electric trigger device comprising an enclosing vessel having an ionizable atmosphere therein, a cathode, a cylindrical control electrode encompassing said cathode and having a lateral discharge opening therein, an anode in juxtaposition to said opening, and a deionization electrode encompassing said cathode and disposed between said cathode and said control electrode, said deionization electrode being composed of a plurality of metallic elements spaced closely adjacent to provide a large area surface for the collection of positive ions.

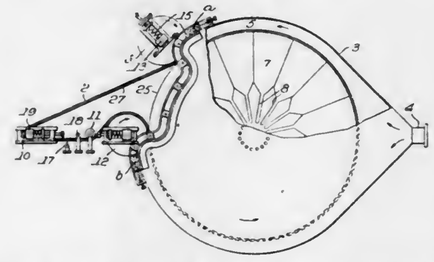
2,061,256
SUBMARINE SALVAGE APPARATUS
Eugene J. Romano, Seattle, Wash.
Application January 16, 1935, Serial No. 2,072
5 Claims. (Cl. 61—69)

1. In a submarine salvaging apparatus having a rotary, flexible grappling arm, the combination with a bell, of a composite trunnion including an outer tubular shaft rigid with said arm, a ratchet device for turning said shaft and means for retaining the shaft in adjusted position, an inner tubular shaft having a bevel gear thereon and



means for turning said shaft, and means for flexing said arm comprising a complementary bevel gear in engagement with the first bevel gear.

2,061,257
ROTARY DRUM FILTER
Ignaz Sablik, Stramberg, Czechoslovakia
Application March 17, 1934, Serial No. 716,037. In Czechoslovakia and Germany March 20, 1933
5 Claims. (Cl. 210—198)



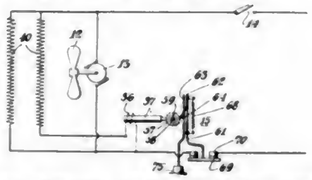
1. In a rotary drum filter, the combination with an endless filter cloth, of a revolving filter drum, a fluid-tight casing about said drum, means for introducing into said casing and about said drum a fluid under pressure greater than that on the filtrate side of the drum, said casing having an opening through which every portion of the area of the said filter cloth temporarily leaves the said casing and returns thereto, a taking-off roller, outside said casing, for removing the filter deposit, a guide roller in fluid-tight relation to said filter drum and said casing at the entrance of said cloth into the said casing, a roller in fluid-tight relation to said drum and said casing at the exit of the cloth from the casing, said cloth being trained about said drum and taking-off and guide rollers, means for completely sealing the space between said drum and casing entirely about said opening whereby pressure may be maintained in said space higher than outside said casing and at the same time ingress and egress of the filter cloth through said opening is permitted, and means for withdrawing filtrate from the interior of the drum.

2,061,258

SAFETY DEVICE FOR ELECTRIC HEATERS

Harvey A. Soverhill, Chicago, Ill., assignor to The American Foundry Equipment Company, Mishawaka, Ind., a corporation of Delaware

Application July 6, 1935, Serial No. 30,068
8 Claims. (Cl. 219—39)



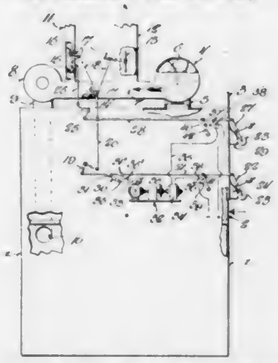
1. In an electric heater, a main heater element, means for establishing a current of air across said main heater element, a small pilot heater subjected to said air current, and means operated by said pilot heater governed by failure of said air current for removing electric power from said main heater element.

2,061,259

METHOD OF AND APPARATUS FOR DRYING

Herman Suhr, Milwaukee, Wis., assignor to Acme Sheet Metal Works, Milwaukee, Wis., a corporation of Wisconsin

Continuation of application Serial No. 439,067, March 26, 1930. This application October 9, 1931, Serial No. 567,953
12 Claims. (Cl. 34—19)



1. In a drying oven having a loading door, a fan connected to said oven for drawing air therefrom, a heater having a communication with said fan, a connection between said heater and the interior of said oven, an exhaust outlet in the communication between said fan and heater, a fresh air intake positioned in said communication between said heater and exhaust, dampers controlling said intake and exhaust, a damper in the communication and located between said intake and exhaust, and means for actuating all of said dampers upon the opening of said oven door to progressively effect exhaust of air from the oven and including means actuated by the closing of the door for actuating one of said dampers to create a circulation of fresh air through the heater and oven for a predetermined period subsequent to loading of the oven and means for actuating the other dampers to recirculate heated air through the oven.

12. The method of circulating air in a drying oven having a loading door, exhaust outlet and intake opening, consisting of exhausting air from the oven through said outlet while preventnig air from entering said opening when the door is open, exhausting air from the oven through said outlet and admitting fresh air through said opening for a predetermined period after said door is closed and thereafter recirculating air through said oven without admission of fresh air through said opening until said door is reopened.

2,061,260

ICE CREAM CONE

Francis W. Turnbull, Chattanooga, Tenn., assignor to Turnbull Cone & Machine Company, Chattanooga, Tenn., a corporation of Tennessee

Application February 7, 1935, Serial No. 5,375
6 Claims. (Cl. 99—137)



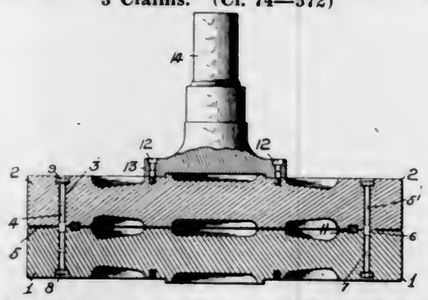
1. A pastry cup having a number of pales extending upwardly within its open mouth and spaced apart a distance greater than their greater thickness.

2,061,261

BUILT-UP ROTOR FOR GYROSCOPES

Hollis Walter, Baldwin, N. Y., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York

Application April 1, 1933, Serial No. 663,911
3 Claims. (Cl. 74—572)



1. A built-up rotor for gyroscopes comprising a plurality of similar solid discs having rim portions of substantial thickness and breadth, said discs having raised portions around abutting faces of their rims of less breadth than the rims, whereby said rims contact only around said portions, said rims having a plurality of axial holes through the center of said raised portions and bolts through said holes tightened to equal tension.

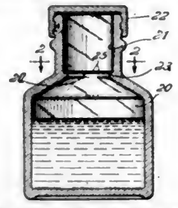
2,061,262

INKWELL BOTTLE

George R. Weisz, Chicago, Ill.

Application May 15, 1935, Serial No. 21,668
13 Claims. (Cl. 120—69)

1. An ink bottle comprising a vessel having a reservoir, an elevated filling well, and a horizontally disposed foraminous diaphragm separating said reservoir and well, said diaphragm having a relatively large open area divided into relatively small openings of such area that the menisci



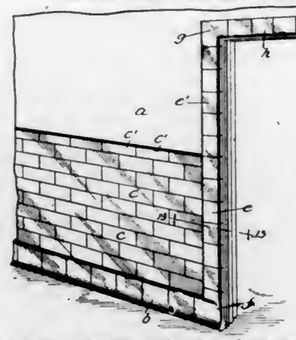
thereacross will support a substantially balanced head of ink in the well by the air trapped within the reservoir and also readily collapse to permit rapid flow of ink through the diaphragm in either direction under an unbalanced head of ink on the diaphragm when the bottle is tilted.

2,061,263

CAST IRON PORCELAIN-ENAMELED TILING

Clayton F. Wells, Oak Park, Ill.

Application February 12, 1934, Serial No. 710,806
16 Claims. (Cl. 189—85)



1. As a new article of manufacture, a substantially rectangular cast iron tile having a front wall of $\frac{3}{32}$ of an inch, or less, in thickness, with a substantially flat front face coated with porcelain enamel fused to the cast iron, and having a marginal integral flange at its back of decreasing thickness from front to back, and integral lugs projecting outwardly from the back of the flange for underlying similar contiguous tiles, the flange having notches cast therein wider than said lugs to receive similar lugs projecting from a contiguous tile, one of the lugs having a hole for a securing device, the integral flange extending across the notches and being of decreased thickness from front to back and terminating substantially approximately at a sharp edge at the back.

2,061,264

PROCESS OF RECONDITIONING METAL ARTICLES

Lawrence S. Wilbur, Evanston, Ill.

No Drawing. Application February 10, 1934, Serial No. 710,660
5 Claims. (Cl. 148—12)

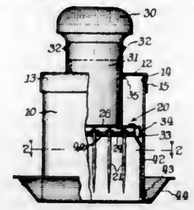
4. The process of reconditioning worn splice bars of unknown carbon contents within the range of 0.3% to 0.7% and having unknown tensile strengths within the range of 110,000 to 160,000 lbs./sq. in. to produce re-formed bars which are sufficiently ductile to pass railroad bend test requirements and having tensile strengths not lower than 100,000 lbs./sq. in. which comprises heating said bars to temperatures between 1600 degrees and 1800 degrees F., allowing the heated bars to cool slowly, reheating the cooled bars to forging temperatures, re-forming the bars under pressure at the forging temperatures, quenching the re-formed bars, and heating the quenched bars to increase their ductility.

2,061,265

ICE CUBE CHIPPER

Lucien I. Yeomans, Chicago, Ill., assignor to Lucien I. Yeomans, Incorporated, Chicago, Ill., a corporation of Illinois

Application February 1, 1934, Serial No. 709,264
6 Claims. (Cl. 83—62)



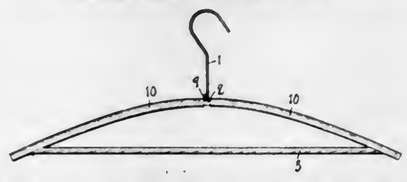
1. An ice cube chipper comprising, in combination, a housing providing a chamber to receive and hold a cube of ice, a plurality of laterally spaced picks positioned within the housing and adapted to be projected into the ice, each of said picks comprising a shank having a head at one end, and means for loosely supporting said picks to permit them to follow the lines of cleavage of the ice comprising a pair of spaced plates rigidly secured together, one of said plates being perforated with the picks extending loosely through the perforations, the other of said plates having a plurality of rounded bosses bearing against the heads of said picks to permit a rolling motion therebetween, and a knob for moving said picks rigidly secured to one of said plates and extending externally of the housing.

2,061,266

GARMENT HANGER

Leonard A. Young, Detroit, Mich.

Application June 14, 1934, Serial No. 730,611
13 Claims. (Cl. 223—88)

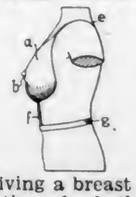


1. A garment hanger comprising an arched sheet metal yoke of downwardly facing channel section having a pair of spaced central openings in its web and a pair of cut-out inwardly extending opposed tapered tongues in its web spaced from the outer ends of the downwardly divergent arms thereof, a wire suspension hook having a shank provided with a terminal loop at its lower end engaging said yoke in said openings, tubular paper shields on the arms of said yoke, and a tubular paper strut piercing said shields and engaging said tongues at its ends so that the latter are flattened.

2,061,267
PREPARATION OF LEAD-SODIUM-MAGNESIUM ALLOYS
Frederick Baxter Downing, Carneys Point, Louis Samuel Bake, Penns Grove, and Alfred E. Parmelee, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 16, 1934, Serial No. 753,301
4 Claims. (Cl. 75—167)

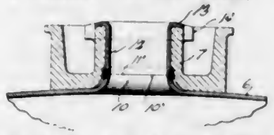
1. The process of preparing an alloy comprising 10% sodium, 89.95% to 89.00% lead and 0.05% to 1.00% magnesium which comprises fusing the magnesium with sufficient molten lead to produce a mixture melting below 500° C. and then fusing the mixture with sufficient sodium and lead to produce the alloy, the magnesium being fused with the lead at temperatures below the melting point of the magnesium and the lead-magnesium mixture being fused with the sodium at temperatures below 500° C. and above the melting point of said mixture.

2,061,268
DEVICE FOR MOLDING THE BREASTS IN THE CONTOURS AND FORM DESIRED
Nicolas Becker, Nice, France
Application June 8, 1934, Serial No. 729,628
In France June 9, 1933
1 Claim. (Cl. 2—267)



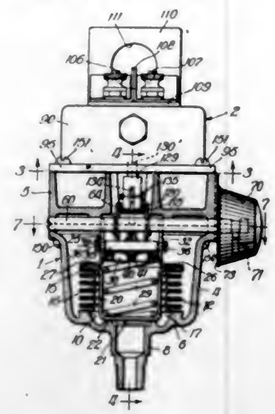
A device for giving a breast the desired shape, the device consisting of a hollow mold of yieldable and readily deformable thin, single layered elastic material, said mold having a nipple portion, an inner lateral portion and an outer lateral portion, the outer lateral portion extending to an area further removed from the nipple portion than the inner lateral portion, and into the armpit, the peripheral areas of said portions being designed to fit the chest adjacent the base of the breast, the lower part of said mold being thicker than the upper part, and the hollow of said mold being free of obstruction whereby the lower part provides a direct support for the sagging breast.

2,061,269
METHOD OF SECURING BUSHINGS TO CONTAINERS
William E. Coakley, Milwaukee, Wis., assignor to Pressed Steel Tank Company, Milwaukee, Wis., a corporation of Wisconsin
Application February 8, 1934, Serial No. 710,255
4 Claims. (Cl. 29—148.2)



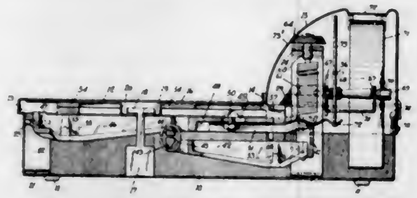
1. In combination with a container having an opening and a bushing for said opening, means for securing the bushing to the container comprising a portion of the wall of the container displaced into the interior of the bushing to line the same, the end of such portion being flanged over the outer end of the bushing to mechanically interlock the bushing to the container.

2,061,270
CONTROL MEANS
Oscar F. Carlson, Chicago, Ill., assignor to Oscar F. Carlson Company, Chicago, Ill., a corporation of Illinois
Application May 9, 1934, Serial No. 724,684
26 Claims. (Cl. 200—83)



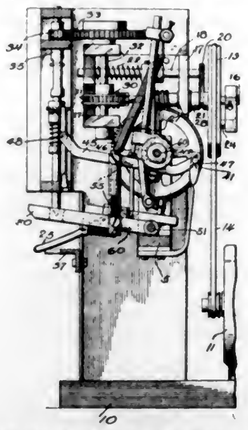
1. Control mechanism comprising pressure responsive means movable in response to variations in pressure, means operable throughout a given range for adjusting the responsiveness of said means, switch mechanism movable to on and off positions in response to movement of said pressure responsive means, operative connections between said pressure responsive means and said switch mechanism, and means controlled by said adjusting means throughout substantially the entire operating range thereof for adjusting said connections whereby to vary the operative relation between said pressure means and said switch mechanism an amount uniformly proportional to the adjustment of the responsiveness of said pressure responsive means.

2,061,271
SCALE
Herman Eschenbacher, Ridgewood, and Paul Kircher, Brooklyn, N. Y., assignors to The Jacobs Bros. Co. Inc., Brooklyn, N. Y., a corporation of New York
Application March 17, 1934, Serial No. 716,070
8 Claims. (Cl. 265—68)



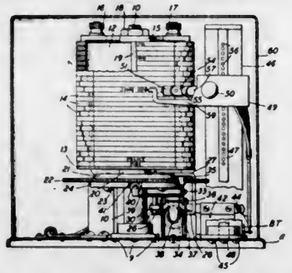
1. A scale including, in combination, a base, a platform movable upon said base, said platform being formed with a slot, and an extension integral with said base and struck up from the same and to extend through said slot to retain the parts in assembled conditions, said extension being formed of a bendable metal whereby the same may be distorted subsequent to passing through said slot to lock the parts.

2,061,272
ASSEMBLING DEVICE
Casmier J. Filipak, Holyoke, Mass., assignor to The Holyoke Company, Inc., Holyoke, Mass., a corporation of New York
Application September 11, 1934, Serial No. 743,609
11 Claims. (Cl. 29—84)



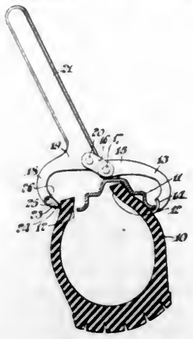
1. In apparatus of the character described, in combination, a work support, pivotally mounted means for moving a tool into and out of engagement with the work, means for driving said tool including a source of power, spring-pressed means for connecting said source of power with said tool at the beginning of each cycle of operation and automatic cam-actuated, spring controlled releasing means for disconnecting said source of power at the end of each cycle of operation, and pivotally mounted means for simultaneously gripping the work as the source of power is connected and for releasing the work just prior to disconnection of the source of power, and means for actuating said first-mentioned means and said last-mentioned means.

2,061,273
REPERTORY DIAL
Irving W. Green, Cranford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 22, 1935, Serial No. 22,692
9 Claims. (Cl. 179—90)



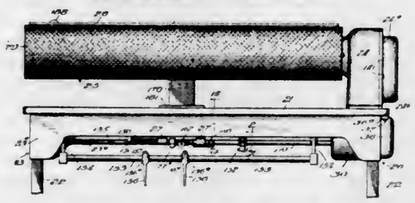
1. A call transmitter adapted to automatically transmit successive sets of impulses corresponding to characters of a telephone number, characterized in this that a step-by-step drive is utilized for the shaft carrying the code members which control the masking of the pulsing contacts, this shaft carrying a gear which is advanced by a pin on the same member that operates the pulsing contacts, this pin advancing the gear wheel only during the closed portion of the pulsing period.

2,061,274
TIRE WRENCH
Emil Horn, East Falls, Pa.
Application October 12, 1935, Serial No. 44,668
2 Claims. (Cl. 157—6)



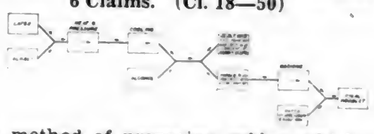
1. A tire wrench including a rim engaging member, said rim engaging member comprising a C-shaped arm having an end portion thereof widened and grooved for pivotal contact with a wheel rim, and having another end portion; a tire engaging member, said tire engaging member including a C-shaped arm having a ridged outer end face portion curved and inclined with respect to the arm for tire engagement, and having another end portion; a link pivotally connected at its ends to the said other end portions of said arms; and a handle extending from the said other end of the arm of the tire engaging member for advancing and turning the ridged end portion in tire gripping and applying relationship.

2,061,275
IRONING MACHINE
John T. Hume, Chicago, Ill., assignor to Electric Household Utilities Corporation, Chicago, Ill., a corporation of Illinois
Application April 18, 1932, Serial No. 605,970
12 Claims. (Cl. 38—61)



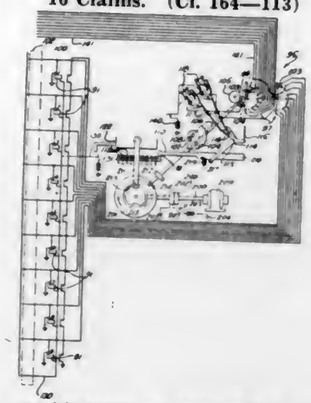
1. The combination in an ironing machine, of a table, a housing carried by said table, ironing elements carried by said housing and extending over said table, driving mechanism located in said housing for actuating said ironing elements, a rotatable and axially movable shaft extending from said housing beneath said table, means adapted to be engaged by a knee of the operator for effecting the movements of said shaft, and connections from said shaft to said driving mechanism for causing the rotatable movement of said shaft to control one operation of said mechanism and for causing the axial movement of said shaft to control another operation of said mechanism.

2,061,276
TREATMENT OF RUBBER
John H. Ingmanson, Rahway, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 31, 1933, Serial No. 663,727
6 Claims. (Cl. 18—50)



1. A method of preparing rubber which consists in treating latex in alkali solution at temperatures around 150° C. for a few hours, coagulating the rubber by the addition of a sufficient amount of non-acid rubber coagulating material of the general nature of alcohol, separating and washing the rubber.

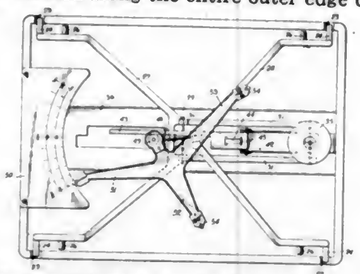
2,061,277
KEY CONTROLLED APPARATUS
Harold Glenn Johnstone, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application November 8, 1928, Serial No. 317,894
Renewed June 9, 1932
16 Claims. (Cl. 164—113)



1. In combination, a perforating mechanism having a plurality of groups of perforating members, an element individual to each group for determining the member in that group to be actuated, and means for controlling the movement of said element, a keyboard including keys representing characters, a plurality of electromagnetic means arranged in columns, means for selectively establishing a circuit from a key to a corresponding electromagnetic means to indicate the particular character in a predetermined column, a circuit connecting said electromagnetic means to the means for controlling the movement of the elements associated with the perforating members, and means for actuating the perforating mechanism to perforate a record card in accordance with the electromagnetic means conditioned by the keyboard.

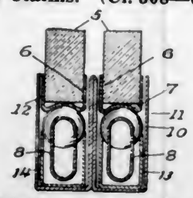
2,061,278
SCALE
Paul J. Kircher, Brooklyn, N. Y., assignor to The Jacobs Bros. Co. Inc., Brooklyn, N. Y., a corporation of New York
Application September 29, 1934, Serial No. 746,038
6 Claims. (Cl. 265—68)

1. As an article of manufacture, a scale platform, a strip extending from the under face thereof, a substantially horizontally extending flange formed along the entire outer edge of such



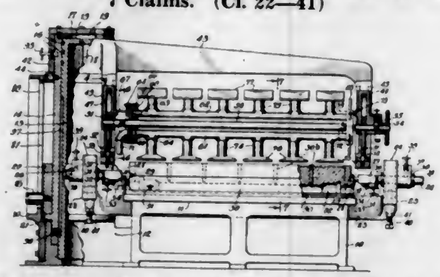
strip, and said flange being indented at a number of points to provide notched portions for the accommodation of knife-edge pivot members.

2,061,279
ANTIFRICTION BEARING
George B. Kurtzon, Chicago, Ill.
Application August 8, 1935, Serial No. 35,270
5 Claims. (Cl. 308—6)



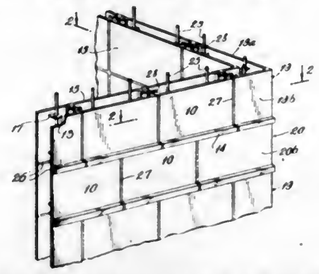
1. In anti-friction bearings a strip of metal having a plurality of spaced cut-outs in its longitudinal center, enlarging in area on both sides of said longitudinal center, said strip being bent adjacent its longitudinal center to provide spaced parallel walls and balls disposed at said cut-outs between the walls of said strip so that the curvature of said balls extends their surfaces through said cut-outs and beyond the top and side walls of said strip in combination with a pair of opposing rails, one of said rails comprising a channel on the edges of which said balls ride and the other of said rails comprising a concaved track conformable with central circumferential paths on said balls.

2,061,280
MOLDING MACHINE
John J. Lawlor, Plainfield, N. J., assignor, by mesne assignments, to General Foundry Machinery Corporation, a corporation of Delaware
Application December 7, 1933, Serial No. 701,253
7 Claims. (Cl. 22—41)



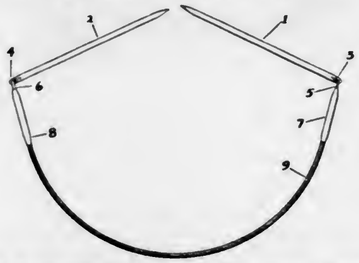
6. In a molding machine, a flask support, a horizontally disposed shaft mounted above said support, a sleeve rotatably mounted on said shaft and power driven rammers carried by said sleeve in operative relation to said support.

2,061,281
BUILDING CONSTRUCTION
John J. Lawlor, Plainfield, N. J., assignor to General Foundry Machinery Corporation, a corporation of Delaware
Refiled for abandoned application Serial No. 702,665, December 16, 1933. This application November 6, 1935, Serial No. 48,472
6 Claims. (Cl. 189—34)



1. A building block composed of a pair of slabs, each slab being formed with pairs of inwardly projecting apertured lugs, the members of each pair being vertically spaced apart with their apertures aligned, the vertical spacing on one slab being slightly greater than that on the other, whereby the slabs may be joined by fitting their pairs of lugs one upon the other, and vertical rods passed through the aligned apertures to tie the slabs together.

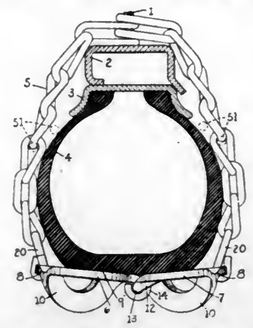
2,061,282
KNITTING NEEDLE
Ezra J. Leboff, Roxbury, and Hyman N. Levowich, Dorchester, Mass.
Application January 17, 1935, Serial No. 2,172
4 Claims. (Cl. 66—117)



1. A knitting needle having knitting pins comprising hollow tube elements, a U shaped wire forming a half link having the prongs thereof inserted in the end of one of the hollow tube elements and solder means for holding said prongs to the end of said tube.

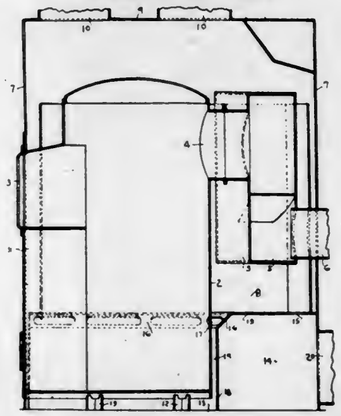
2,061,283
TIRE LUG FOR TRACTORS
Lyman A. Lilly, Plainwell, Mich.
Application March 11, 1935, Serial No. 10,399
1 Claim. (Cl. 152—14)

The combination with a pneumatic tractor tire of a lug structure comprising a pair of circular base plates concaved at their inner surface to correspond with the bulging portion of said pneumatic tire and become in effect a part of the tread thereof, the said plates hinged together at their peripheries by integral hinge formation consisting of a slot formed within the periphery of one of the associated disks and a tongue formed on the opposite plate and bent into an eye to form a hinge therebetween, opposed lugs on said plates of semi-circular form having a thin penetrating central part, the diameter of which is integral with said base plate and disposed to engage in diagonal lines that converge toward the



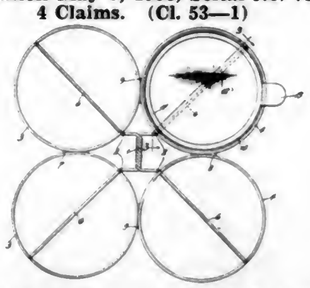
direction of travel of the wheel on which the said tire is mounted, and means for retaining the said tractor lugs on the periphery of the tire so that the lugs engage the ground by the penetration of said semi-circular lugs by their rolling action, whereby the ground is penetrated and engaged by the lugs with a minimum of vibration and the maximum of traction.

2,061,284
WARM AIR FURNACE
Carl B. Lockhart, Youngstown, Ohio
Application January 8, 1935, Serial No. 868
2 Claims. (Cl. 126—99)



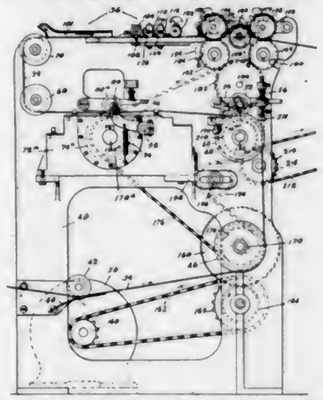
1. A warm air furnace comprising an inner furnace unit together with a radiator, an outer casing inclosing the heating units and spaced away from the units to provide an air circulating chamber, a flat horizontally placed wind box around the lower part of said inner heating unit, said wind box comprising a top and side portion together with a sloping side portion, said sloping side portion having a plurality of slotted openings so arranged as to discharge currents of air upwardly and inwardly against said inner heating unit and said top portion of said wind box having a plurality of slotted openings so positioned as to discharge currents of air upwardly against said radiator.

2,061,285
EGG POACHER
Byrd Hays McCormick, Bismarck, Mo.
Application May 9, 1936, Serial No. 78,770
4 Claims. (Cl. 53—1)



1. An egg poacher comprising a supporting frame composed of wire forming loops, legs for supporting the frame, cross members supported above the lower ends of said legs transversely of the loops, and containers adapted to be placed in and removed from the respective loops and to seat upon and be supported by said cross members above the lower ends of said legs and in a relationship in which the upper ends of said containers are above said loop.

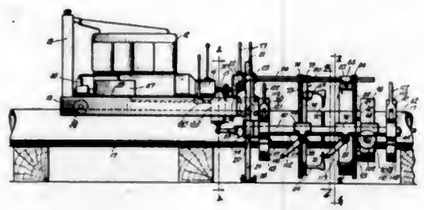
2,061,286
ARTIFICIAL REED MAKING MACHINE
John E. Millett, Gilman, Vt., assignor to Millett Corporation, Gilman, Vt., a corporation of New York
Application January 26, 1935, Serial No. 3,630
19 Claims. (Cl. 154—1)



3. An artificial reed making machine comprising means operative to guide a paper web to pass upwardly in a series of short superposed horizontal passes, means for applying tension to the web in the lowermost pass, means for scoring the web in an intermediate pass, means for conditioning the web of an intermediate pass to adhere to itself, means for folding the web in the uppermost path, and means for pressing and delivering the folded reed from the uppermost pass.

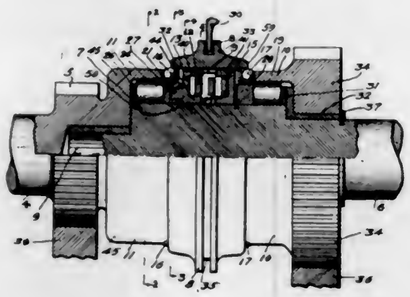
2,061,287
AUTOMATIC PIPE WELDING MACHINE
William F. Muehl, Kansas City, Mo.
Application October 31, 1930, Serial No. 492,421
8 Claims. (Cl. 78—85)

1. In a welding machine, a frame, means mounted on said frame to heat the members to be welded, a forging ring mounted on said frame including a plurality of rollers rotatably mounted on



said ring, and means to rotate the forging ring to revolve said rollers about a common axis to work said welded material.

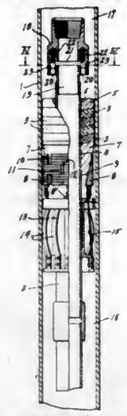
2,061,288
SELECTIVELY CONTROLLED TORQUE ACTUATED CLUTCH TRANSMISSION MECHANISM
Howard J. Murray, New York, N. Y.
Application April 8, 1935, Serial No. 15,176
30 Claims. (Cl. 192—48)



1. A device for resiliently and positively connecting driving and driven clutch members according to the extent and direction of the torque relations of same, comprising associated reversible unidirectional clutches each with an intermediate fully released position, resilient bidirectional camming means for normally restraining said clutches in said fully released position, said camming means energized by power derived from relative motion of the said members for moving the clutches into and out of the restrained position, means for deriving the said power from one of the driving members and the driven member and means for selectively controlling the power deriving means and therewith the moving action of the said camming means.

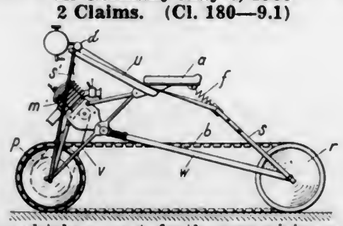
2,061,289
PACKER AND VALVE
John T. Phipps, Los Angeles, Calif., assignor to L. R. Knowlton
Application October 9, 1934, Serial No. 747,545
6 Claims. (Cl. 166—12)

1. In an oil-well packer, a nipple, a plurality of packing rings surrounding said nipple, a pressure cone surrounding said nipple adapted to move along said nipple to compress said packing rings, and slips on said nipple for engaging said cone and a casing in which said packer is placed, said slips having interengaging members thereon distributing the area of contact with said casing



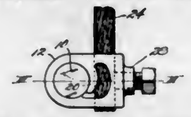
throughout the entire inner circumference of said casing.

2,061,290
MOTOR VEHICLE
Fritz Riemerschmid, Heidenheim-on-the-Brenz, Germany
Application April 27, 1934, Serial No. 722,741
In Germany May 2, 1933
2 Claims. (Cl. 180—9.1)



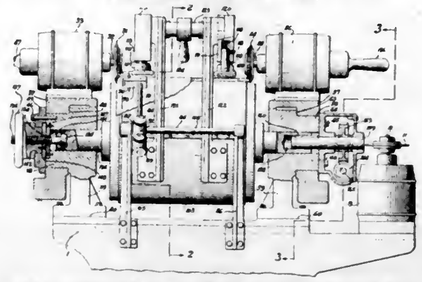
1. A vehicle as set forth comprising an endless band, a pair of frame members, means for pivoting said frame members together in upwardly convergent relation, wheels journalled in the opposite ends of said frame members and disposed within said band, power means for said wheels, a seat pivotally secured to one of said frame members, and tensioned means for the seat.

2,061,291
ELECTRIC TERMINAL CONNECTER
Eddie Robinson, Kansas City, Mo.
Application February 18, 1935, Serial No. 7,036
4 Claims. (Cl. 173—259)



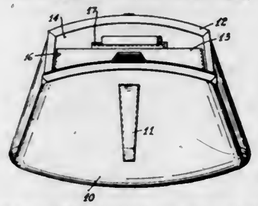
1. A terminal connecter comprising a socket having an opening formed therethrough to receive a battery post; a hole extending through said socket adapted to receive a conductor cable; a tongue positioned between said opening and hole; said socket having a threaded opening provided therein that intersects with the cable hole; and a set screw in the threaded opening, bearing against the said conductor cable, adjustable to secure said post and cable in said socket, said tongue having walls in engagement and conforming in contour with contacted portions of the post and cable.

2,061,292
STEREOTYPE PLATE TRIMMING MACHINE
Ernest James Smith, Fleet Street, England, assignor to The Goss Printing Press Company, Chicago, Ill., a corporation of Illinois
Application November 20, 1931, Serial No. 576,269
In Great Britain September 25, 1931
8 Claims. (Cl. 29—21)



1. A machine for finishing stereotype plates including in combination a cylindrical plate supporting member for supporting curved stereotype plates, means for angularly and axially moving said member and supported plate, means for securely holding the plate in any position to which it is moved, and plate trimming means including means movable axially of the plate for trimming the driving edge of the plate and a pair of trimming means mounted for arcuate movement about the axis of said cylindrical member and spaced a predetermined distance apart, whereby the trimmed driving edge may be properly registered with the printing surface of the plate.

2,061,293
LADY'S HANDBAG
Bernard Stember, East Orange, N. J.
Application April 5, 1935, Serial No. 14,762
5 Claims. (Cl. 150—34)

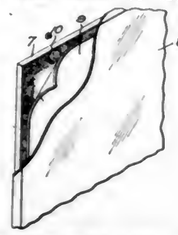


1. In a bag or like article provided with a pocket therewithin, a substantially flat flexible article receiving device having an opening and foldable upon itself, and a flexible member connecting said device and said bag, said member being of a length greater than the depth of said device and being secured to the edge of said device adjacent its opening, said member adapted to substantially close said opening when said device is folded upon itself and said member folded over the edges bordering said opening, said device when folded being insertable in said pocket.

2,061,294
DISPLAY DEVICE AND PROCESS OF MAKING THE SAME
William G. Stephenson, Newton Highlands, Mass.
Application November 20, 1934, Serial No. 754,001
6 Claims. (Cl. 40—125)

1. The process of manufacturing display devices which comprises the steps of applying a

volatile cellulosic solvent agent to marginal portions of a backing element of substantial rigidity, positioning a relatively flat display piece or pieces against the treated face of the backing element, superposing a transparent flexible cellulosic sheet over said display piece or pieces so positioned, and attaching said sheet to the backing in a



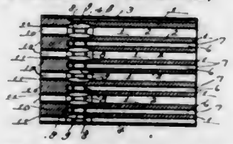
manner leaving said display piece or pieces otherwise substantially free, and in such fashion that the sheet is subject to the action of said solvent agent primarily at its marginal portions only thereby to produce a tensioning of the sheet as a whole predeterminedly within the limits of rigidity of the backing element and of normal tensile strength of the sheet.

2,061,295

FORMER FOR MAKING CELLULAR STRUCTURES AS HONEYCOMB AND THE LIKE

Joseph E. Walker, Grand Rapids, Mich.

Application July 2, 1935, Serial No. 29,520
4 Claims. (Cl. 6—11)



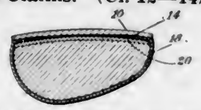
1. A former for making cellular structures, having a plurality of parallel passages with inlet ends and lateral outlets adjacent their other ends, and laterally spaced structure-forming members extending beyond the passages respectively and of the cross-sectional formation and relative disposition which corresponds with the cross-sectional formation of the structure to be made, said outlets venting into the spaces between said members so that the structure-making material may be forced through the former passing through its passages and their outlets and between said members and being formed thereby into said structure.

2,061,296

MANUFACTURE OF SHOES

Walter H. Wedger, Belmont, Mass., assignor to Boston Blacking & Chemical Co., Boston, Mass., a corporation of Massachusetts

Application January 2, 1935, Serial No. 25
12 Claims. (Cl. 12—142)



9. The method of attaching an outsole to a shoe upper which comprises applying a solution of non-malodorant polymerized chloroprene to the attaching surface of an outsole, applying similar adhesive to the attaching surface of a shoe upper, allowing the major portion of the solvent to evaporate, and pressing said outsole and shoe upper together with the cemented surfaces in juxtaposition.

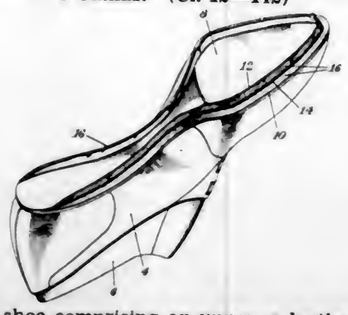
12. A shoe comprising an upper having a sole-attaching surface, an outsole, and non-malodorant polymerized chloroprene disposed between said outsole and said sole-attaching surface of said shoe upper and securely anchored to the substance of the sole and upper, and adhesively securing the same together.

2,061,297

SHOE AND METHOD OF MAKING SAME

Walter H. Wedger, Belmont, Mass., assignor to Boston Blacking & Chemical Co., Boston, Mass., a corporation of Massachusetts

Application April 1, 1935, Serial No. 13,995
8 Claims. (Cl. 12—142)



1. A shoe comprising an upper, a leather outsole channeled to form a channel flap and channel base, stitching disposed in the channel of said outsole and securing said outsole to said upper, and malodorant-free polymerized chloroprene anchored to the substance of and adhesively securing the channel flap to the channel base.

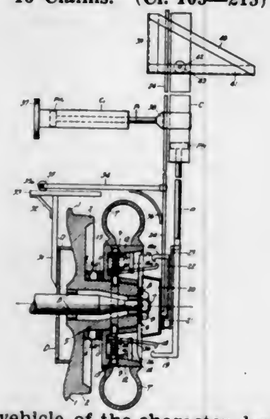
7. In the manufacture of shoes, the method of laying a channel flap on a tempered leather outsole after attaching means have been disposed in the channel to secure the outsole to the shoe upper, which method comprises disposing plastic polymerized chloroprene between the channel flap and channel base and pressing said parts together to form a sole structure integral in the sense that the entire sole will wear uniformly in the manner of an outsole which had not been channeled.

2,061,298

HIGHWAY-RAIL VEHICLE

John Hugh Adair, Amarillo, Tex.

Application October 13, 1933, Serial No. 693,469
16 Claims. (Cl. 105—215)



1. In a vehicle of the character described, rail wheels; highway wheels adapted to be moved in-

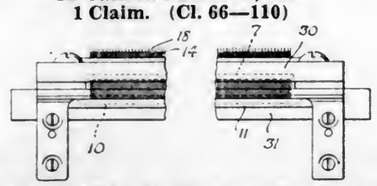
to parallel and operative relation with the rail wheels; means carried by the highway wheels whereby the highway wheels are automatically locked in said relation; means for operatively connecting the rail wheels and highway wheels; contractible gripping means adapted to release said first means and to carry the highway wheels into and out of said operative position; and power operated means for controlling said last means.

2,061,299

SINKER HEAD FOR KNITTING MACHINES

Joseph K. Cobert, Sherbrooke, Ontario, Canada

Application February 2, 1935, Serial No. 4,624
In Canada March 19, 1934
1 Claim. (Cl. 66—110)



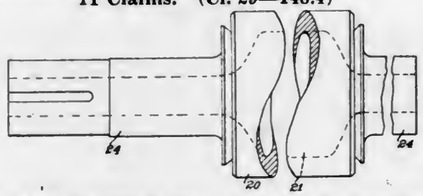
A sinker head for knitting machines, comprising upper and lower bars of relatively soft metal with sinker receiving slots therein and disposed transversely thereof, said upper bar having a rectangular groove longitudinally thereof and intermediate its sides, a plate of hard metal in said groove and screws holding said plate in place with its exposed face flush with the base of said slots and said lower bar having a raised lip portion along its front edge, a rectangular groove disposed longitudinally of said bar to the rear of and lower than said lip portion, a plate of hard metal in said groove, screws holding said plate in place with its exposed face flush with the base of said slots, and a plate of hard metal longitudinally of and adjacent its rear edge with screws holding said plate in place with its upper surface flush with the base of said slots.

2,061,300

PROCESSING ROLL AND METHOD OF PRODUCING SAME

Fred C. T. Daniels, Pittsburgh, Pa.

Application August 22, 1934, Serial No. 740,903
11 Claims. (Cl. 29—148.4)



4. In a process of manufacturing a processing roll for industrial purposes, the steps comprising casting a hollow cylindrical steel roll body and sinkhead of relatively thin and uniform wall thickness free from imperfections due to casting, and forging the sinkhead to form a journal.

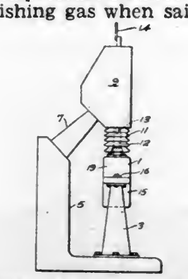
2,061,301

CIRCUIT INTERRUPTER

Paul Duffing, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application May 25, 1932, Serial No. 613,455
In Germany May 27, 1931
23 Claims. (Cl. 200—150)

23. In a completely enclosed circuit interrupter; a stationary contact; a movable contact which comprises a rod member of conducting material for cooperating therewith; actuating means for moving said movable contact into and out of engagement with said stationary contact; means for extinguishing the arc formed incident to the opening operation of said interrupter; and means for permitting a visual determination of the position of said movable contact at least when said interrupter is in the open circuit position; said arc extinguishing means including a pressure chamber wherein said stationary contact is disposed and within which the arc incident to the separation of said contacts is drawn, means disposed within said pressure chamber for generating an arc extinguishing gas when said arc is drawn



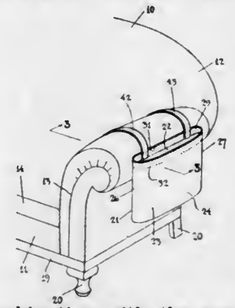
therein, and means for permitting the escape of said gas from said chamber when the pressure thereof reaches a predetermined value; said means for permitting a visual determination of the position of said contacts including a second chamber which connects with said first chamber to form a unitary closure, at least a portion of the walls of said second chamber being formed of transparent material, and means including a gland adapted to cooperate with said movable contact rod so as to seal said second chamber from said pressure chamber, at least during each arc extinguishing operation, in order to prevent said arc extinguishing gas or other arc products from entering said second chamber.

2,061,302

BAG

Louis A. Egler, Minneapolis, Minn.

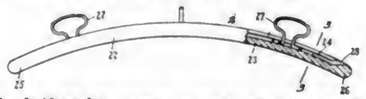
Application March 16, 1934, Serial No. 715,867
6 Claims. (Cl. 155—188)



6. The combination with the arm of a chair having a surface portion of substantial upright extent, of a bag open at the top thereof and adapted to hang alongside said arm, said bag comprising a flexible body, a relatively wide hoop of flat resilient material at the mouth of said body, and a hanger strap secured to said body in proximity to said hoop, said strap overreaching said chair arm and overlying a portion of the hoop to bring a side of said hoop flatwise against said upright surface portion of said arm, caus-

ing the hoop to cooperate with said surface and to be thereby maintained in a horizontal position without the aid of other means.

2,061,303
CLOTHES HANGER
Mary Kathleen Farley, Montreal, Quebec, Canada
Application January 22, 1935, Serial No. 2,948
3 Claims. (Cl. 223—88)



1. A clothes hanger comprising a frame formed of arms extending from a suspending member and having an inverted T-slot cut longitudinally in its body from the top edge, and spring friction members sliding in said slot and having upwardly extending heads adapted to provide garment stops above the surface of the frame.

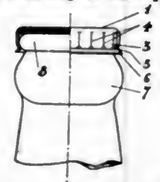
2,061,304
SECTIONAL GARAGE DOOR
Matthew P. Graham, Detroit, Mich., assignor to The Crawford Door Company, Detroit, Mich., a corporation of Michigan
Application November 10, 1934, Serial No. 752,394
14 Claims. (Cl. 20—20)



1. In a garage door, a sheet metal section comprising a main plate member having upper and lower offset portions, said offset portions terminating in flanges extending in a direction opposite to the direction of said offset portions, said flanges having terminal offset portions extending in the same direction whereby rabbets are formed upon opposite portions of said flanges, and upper and lower reinforcing plates having offset portions corresponding to the offsets of said main plate but oppositely directed, said reinforcing plates being welded to said main plate and having flanges welded to the flanges of said main plates.

2,061,305
CLOSING CAP FOR BOTTLES, ETC.
Paul Heymans, Brussels, Belgium, assignor to Sobemi (abreviation de: Société Belge d'Emballages Metalliques Industriels) Société Anonyme, Brussels, Belgium, a company
Application April 9, 1935, Serial No. 15,370
In Belgium October 13, 1934
5 Claims. (Cl. 215—39)

1. A closure cap for bottles and the like having a rounded lip about the mouth of the bottle neck, said cap comprising a top and a flange depending therefrom and having a plurality of small flat faces imparting to the flange a polygonal outline, said flange being curved slightly inwardly at the end of said faces along a line parallel with but



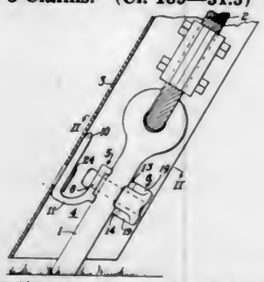
spaced from the free edge of the flange for engagement with the rounded under face of the bottle lip and urge the cap tightly onto the bottle mouth, the edge portion of the flange extending outward from said inwardly curved portion.

2,061,306
GUY WIRE PROTECTOR
Andrew A. Hocher, Etna, and Ralph H. Manson, Pittsburgh, Pa., assignors to Hubbard & Company, a corporation of Pennsylvania
Application August 10, 1933, Serial No. 684,522
5 Claims. (Cl. 189—31.5)



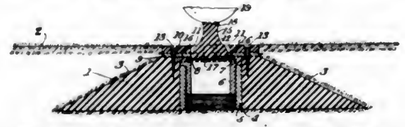
1. A protector for guy wires comprising a frusto-conical sheath that is open along one side from end to end, said sheath having a mounting at its lower end for attachment to a guy, and a mounting at its upper end disposed to grip both the guy and the opposite edges of the sheath and hold the sheath out of engagement with the guy.

2,061,307
MOUNTING FOR GUY WIRE PROTECTORS
Andrew A. Hocher, Etna, and Ralph H. Manson, Pittsburgh, Pa., assignors to Hubbard & Company, a corporation of Pennsylvania
Application August 21, 1933, Serial No. 685,998
5 Claims. (Cl. 189—31.5)



1. A mounting for guy protectors, comprising two relatively movable jaws adapted to receive a guy, a screw journaled in one of said jaws and screwthreaded into the other for actuating the jaws to or from guy gripping position, and a tongue on one of said jaws to which a guy protector may be secured.

2,061,308
GOLF TEE
Dan J. Horvath, Sharon, Pa.
Application June 8, 1935, Serial No. 25,540
6 Claims. (Cl. 273—33)



1. In a golf tee, the combination of a base member formed of substantially rigid material arranged to be permanently embedded in the soil and provided with a threaded bore, a nipple screwed into said bore and adjustable therein, said nipple having opposed seats cut into its upper end, and a ball support arranged to be stepped into the upper end of said bore and provided with radial toes to engage said seats, and a cover plate for said bore having a central opening and opposed radial notches whereby by turning said ball support into one position it may be inserted into said bore and engage said seats and when turned into another position the ball support may be removed from the base.

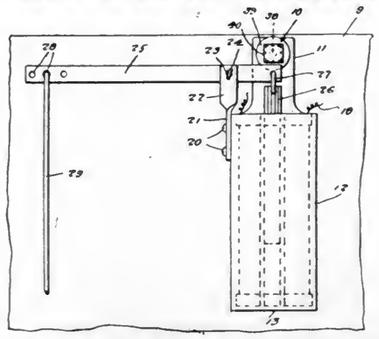
2,061,309
ADVERTISING DEVICE
Elmore L. King, New York, N. Y.
Application February 3, 1936, Serial No. 62,012
3 Claims. (Cl. 40—137)



1. A device of the character described comprising a supporting face member provided with an aperture, a sheet of transparent material having lithographed thereon an ornamented design and a series of vertically disposed irregular lines, a housing mounted on the back of said face member, a background with angular lines discernible through the lined transparent material, and the printed advertisement of an article indicated on the face of said supporting member.

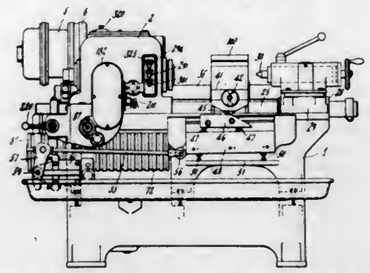
2,061,310
TOILET TANK LEVER
Emil H. Kleiser, Jr., Nashville, Tenn.
Application September 7, 1935, Serial No. 39,648
4 Claims. (Cl. 4—67)

1. In combination with a toilet flush tank or the like having a vertical wall and a bottom, said bottom containing a flush valve seat, a casing attached to the wall, a flush valve normally seating on said valve seat, a lever having operative connection to said flush valve, and electrical means supported by said casing for operating said lever to open the flush valve, said casing having a lateral squared shank fitting in a squared hole in the wall of the tank, and means engaging said



shank and the tank and holding said shank in place.

2,061,311
MACHINE TOOL
John E. Lovely, Springfield, Vt., assignor to Jones & Lamson Machine Company, Springfield, Vt., a corporation of Vermont
Application December 20, 1934, Serial No. 758,454
10 Claims. (Cl. 82—2)

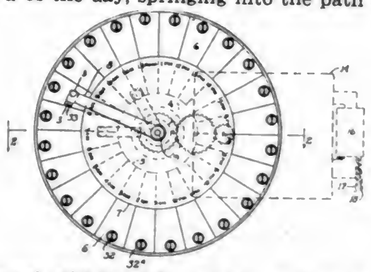


1. In a machine of the class described, a bed, a headstock carried by said bed, a spindle journaled in said headstock, a motor having a casing secured to the end of said headstock and having a shaft extending into said headstock substantially parallel to said spindle, a train of gearing from said shaft to said spindle, a spring-applied-power-released brake on said shaft within said headstock connected for power energization when said motor is energized, and a brake-release member extending outwardly of said headstock where it may be actuated to release said brake while said motor is de-energized.

2,061,312
ELECTRIC TIME SWITCH
Russell L. Louden and Harold H. Geyer, Springfield, Ohio
Application October 28, 1935, Serial No. 47,028
2 Claims. (Cl. 200—37)

2. In a clock-controlled electric circuit making and breaking mechanism, a fixed disc of non-conducting material, a dial of spring metal secured at its central portion to said disc, a radial hand rotatable over said dial, a clock motor for rotating said hand, radial segments cut in said dial below said hand, each segment corresponding to a particular time period of the day, and screws passing through the outer ends of the segments and the disc to normally hold them below the plane of rotation of said hand, one or

more of said segments corresponding to a selected period of the day, springing into the path of ro-



tation of said hand for engagement by it when their respective screws are loosened.

2,061,313

MACHINE GUN AND ATTACHMENT THEREFOR

Frederick T. Moore, West Hartford, Conn., assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn., a corporation of Connecticut

Original application October 19, 1932, Serial No. 638,632. Divided and this application March 1, 1933, Serial No. 659,140. Renewed June 24, 1935

27 Claims. (Cl. 89—14)



1. For an automatic machine gun comprising a main casing and a forward projecting barrel adapted to be attached or detached by rotative movement and having an enlarged portion with at least one longitudinal groove therein, the combination of a handle adapted to be rotatably connected with the barrel adjacent the said enlarged portion thereof, and a latch longitudinally movable under manual control relatively to the handle into the groove in the barrel to enable the handle to serve as a means for rotating the barrel.

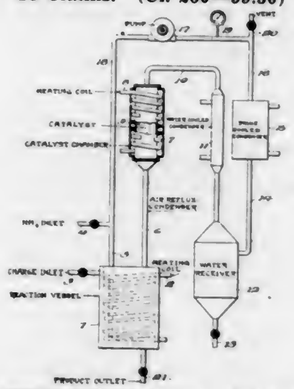
2,061,314

PROCESS OF PREPARING NITRILES

Anderson W. Ralston, William O. Pool, and James Harwood, Chicago, Ill., assignors to Armour and Company, Chicago, Ill., a corporation of Illinois

Application December 9, 1935, Serial No. 53,650

16 Claims. (Cl. 260—99.30)



1. The process of preparing aliphatic nitriles which comprises reacting a fatty substance chosen from the group consisting of fatty acids of at least six carbon atoms and esters thereof while in liquid phase with gaseous ammonia and continuously vaporizing water formed in said reaction from the reaction mixture.

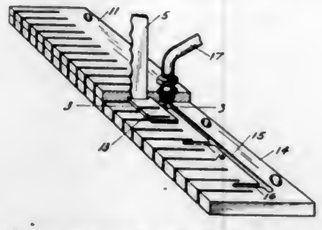
2,061,315

ART OF AND MACHINE FOR SLICING BAKERY PRODUCTS

Otto F. Rohwedder, Davenport, Iowa, assignor to Micro-Westco, Incorporated, Bettendorf, Iowa, a corporation of Delaware

Application February 18, 1935, Serial No. 6,946

7 Claims. (Cl. 146—153)



1. A slicing machine having an equalizer comprising a pair of plates having slots for the reception and operation of the cutting units of the slicing machine, one of which plates has grooves in its face adjacent the other plate for the reception of an absorbent strip, the second plate having grooves therein communicating with the absorbent strip for carrying liquid to the strip to saturate same, and means for feeding liquid to said grooves so that liquid may be carried to the cutting units operating in the slots in said plates.

2,061,316

DRILL HOLE DEFLECTOR

John D. Brack, Sulphur, La., and Herman F. Whiton, New York, N. Y.

Application December 20, 1935, Serial No. 55,310

12 Claims. (Cl. 255—1)



1. A rotary earth boring device comprising a drill adapted to be secured to a rotatable drill stem and rotate therewith, means movable axially with said drill and adapted to be held in non-rotatable position, and means mounted on only one side of said axially movable non-rotatable means laterally movable to engage one side of said bore and deflect said drill.

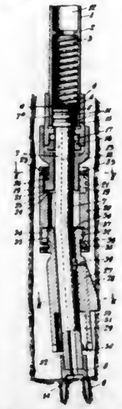
2,061,317

DIRECTION CHANGING DRILLING DEVICE

John D. Brack, Sulphur, La., assignor, by direct and mesne assignments, to Louisiana Supply Company, Sulphur, La., a corporation of Delaware

Application June 24, 1936, Serial No. 86,941

9 Claims. (Cl. 255—1)



1. In a device for changing the direction of a well, a rotatable drill stem, elongated means having the longitudinal axis thereof at an angle to the longitudinal axis of the drill stem and the well, formation engaging means at the bottom of the elongated means adapted to hold the same in a non-rotatable position, a drill rotatable about the axis of said angularly positioned elongated means, means for transferring the rotation of the drill stem to the drill, whereby the drill proceeds at an angle to the axis of the drill stem and the well, and resilient means for applying a downward axial force to said elongated means during the rotation of said drill to urge the formation engaging means into the formation as the drilling proceeds.

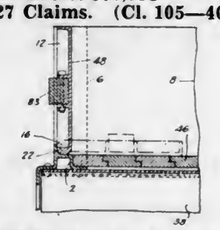
2,061,318

CAR CONSTRUCTION

Garth G. Gilpin, Riverside, Ill., assignor to Union Metal Products Company, Chicago, Ill., a corporation of Delaware

Original application October 20, 1928, Serial No. 313,906. Divided and this application June 23, 1933, Serial No. 677,334

27 Claims. (Cl. 105—404)



1. In a railway car, a one piece casting comprising an end sill, and spaced apart corner posts, said end sill consisting of a web secured to the longitudinal frame members of the car and formed with a semi-cylindrical recess in combination with a panel hinged to the end sill and adapted to engage said posts when in upright position, said panel having a semi-cylindrical portion movably engaging said recess, said recess and said portion extending longitudinally the length of the panel.

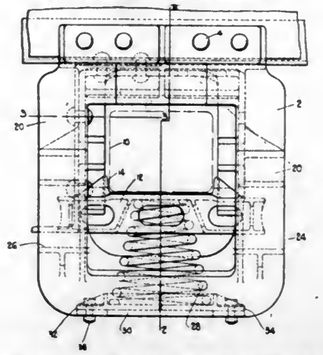
2,061,319

CAR COUPLER SUPPORT

Garth G. Gilpin, Riverside, Ill., assignor to Union Metal Products Company, Chicago, Ill., a corporation of Delaware

Application December 17, 1934, Serial No. 757,877

3 Claims. (Cl. 213—21)



1. A cushioning device for a railway car coupler comprising a car part fixed to a car having a horizontal wall adjacent the lower part thereof provided with an aperture, a coupler carrier arranged to move downwardly and laterally of the car with the coupler, a pair of bearing plates movable laterally of the car to open or close said aperture which rests upon said horizontal wall, and yielding means interposed between said carrier and said bearing plates whereby the carrier is yieldingly supported upon the car part and means to hold the bearing plates in place, said elements associated and arranged so that the plates may be moved to open the aperture; the yielding means moved vertically through said apertures into engagement with said carrier; and then the plates moved under the yielding means to close the aperture.

2,061,320

SOLUTIONS OF BISMUTH SALTS OF CARBOXYLIC ACIDS IN OILS

Friedrich Hampe and Walther Persch, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application April 17, 1935, Serial No. 16,929. In Germany April 27, 1934

6 Claims. (Cl. 167—68)

1. A composition of matter comprising a bismuth salt of a hydroaromatic carboxylic acid forming bismuth salts soluble in oils, and a small amount of a carboxylic acid soluble in oils and selected from the group consisting of aromatic, hydroaromatic and higher molecular aliphatic carboxylic acids, said compounds being dissolved in a high molecular, organic, fatty, pharmaceutically indifferent oil.

2,061,321

CHUCK CONSTRUCTION

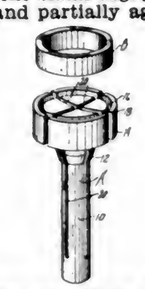
Harry H. Knott, Washington, Iowa, assignor to American Pearl Button Co., Washington, Iowa, a corporation of Iowa

Application December 4, 1934, Serial No. 755,900

4 Claims. (Cl. 279—51)

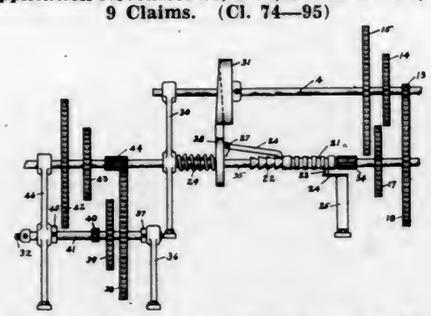
3. In a chuck construction, a spindle-like chuck element having a depression in one end thereof and an annular groove surrounding said depression, an annular flange surrounding said groove and extending beyond the bottom of said depres-

sion and a resilient blank engaging ring partially in said groove and partially against said flange,



said chuck element comprising a plurality of parts movable toward each other for contracting said ring.

2,061,322
MECHANISM
Ernest A. Massa, Jr., Haddon Heights, N. J., assignor of fifty-five per cent to Frank Massa, West Collingswood, N. J.
Application November 20, 1934, Serial No. 753,813
9 Claims. (Cl. 74—95)



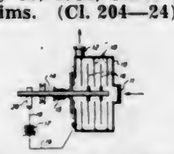
1. In combination, a driving element, a driven element, the driving element being associated mechanically with the driven element to drive the same, the useful driving surface of the driving element being configured to conform to the law expressed by the following formula:

$$r=\frac{KC}{\theta+\omega+K}$$

and the driven element being configured to conform to the following formula:

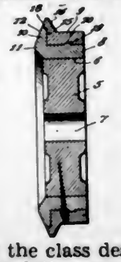
$$r+r'=C$$

2,061,323
APPARATUS FOR STERILIZING AQUEOUS LIQUIDS
Gotthold Harry Meinzer, Glendale, Calif., assignor to California Consumers Corporation, Los Angeles, Calif., a corporation of California
Application July 30, 1934, Serial No. 737,684
5 Claims. (Cl. 204—24)



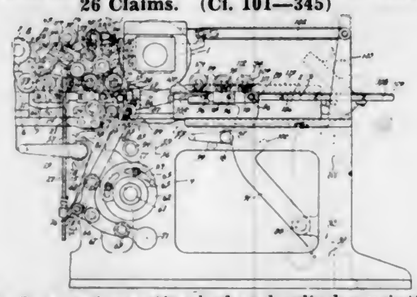
1. Apparatus for sterilizing water by contact with a metal selected from a group consisting of gold, silver and copper, said group comprising: a case arranged for the passage of water therethrough in a vertical direction; propeller blades of wire mesh screen arranged for rotation within said case in a substantially horizontal plane, the surfaces of said screen being composed of said metal, and means for mechanically rotating said blades at a speed sufficient to produce turbulence immediately adjacent the surfaces of the wires composing said screen and a relatively slow vertical movement of water within said case.

2,061,324
TIRE FOR MINE LOCOMOTIVE WHEELS
George L. Micheal and Price Brumbach, Harlan, Ky.; said Micheal assignor to R. B. Maw, Pineville, Ky.
Application December 27, 1932, Serial No. 649,093
Renewed April 11, 1936
8 Claims. (Cl. 295—15)



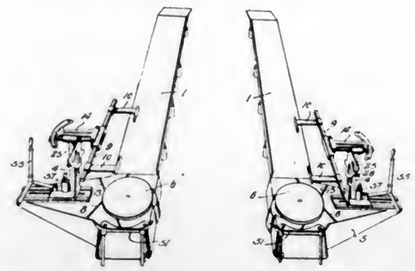
1. A device of the class described comprising a wheel body, a tire fitting over said body and having a terminal radially extended circumferential flange the peripheral edge of which is flattened transversely, a removable tread member having an integral rail engaging flange, the inner face of which is formed with a seat adapted to receive the terminal flange and defining an angular circumferential shoulder overhanging and bearing against the flat peripheral edge of the terminal flange whereby to form a step joint between the parts.

2,061,325
INKING MECHANISM FOR PRINTING PRESSES
Robert Miehle, Chicago, Ill.; Mabel K. Miehle administratrix of said Robert Miehle, deceased
Application February 19, 1932, Serial No. 593,972
26 Claims. (Cl. 101—345)



1. In a reciprocating bed and cylinder printing press the combination with a plurality of form inking rollers at one side of the cylinder, of supporting means for said rollers adapted to permit movement of a portion of said rollers adjacent the cylinder into and out of form contacting position independently of the remainder of said rollers, and means operated in timed relation with reciprocation of the bed for actuating said portion into and out of form contacting position and adapted to contact said portion with only the trailing portion of a form on the bed during the stroke of the bed in the direction from the cylinder toward said form rollers, said portion contacting a portion of the form not contacted by said remainder and also overlapping therewith in its contact with the form.

2,061,326
AUTOMOBILE WHEEL ALIGNING APPARATUS
James W. Morse and Charles S. Phillips, Lansing, Mich., assignors to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware
Application September 17, 1934, Serial No. 744,420
32 Claims. (Cl. 33—203)

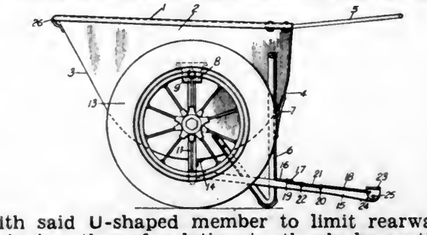


1. An apparatus for checking and testing the alignment characteristics of automobile wheels comprising base members, runways leading to said base members, turntables on said base members to form supports for front automobile wheels, standards on said base members mounted for movement toward and away from the sides of said front wheels, a horizontal rotatable member in the top of each of said standards, arcuate scale members mounted on the outer ends of said rotatable members and fixed thereto, hub members mounted on the inner ends of said rotatable members and lying in substantially the same planes as said scale members, pointing indicators secured to said hub members and extending back across said standards and cooperating with said scale members, cross bars mounted for axial movement in said hub members, shoes mounted on said cross bars to contact with the sides of the tires on said front wheels, means for holding said standards on said base members in any desired adjustment by frictional contact, said scale members being graduated to give readings in degrees for camber and caster and inches for toe-in.

27. A method of determining king pin inclination of a dirigible wheel including the steps of marking the side of the wheel to establish a medium of reference thereon, swinging the wheel through a predetermined steering angle and measuring the angular displacement of the reference marking to ascertain the king pin inclination.

2,061,327
CART
Joseph H. Mosel, Columbus, Ohio, assignor to The Jaeger Machine Company, Columbus, Ohio, a corporation of Ohio
Application January 27, 1936. Serial No. 60,920
2 Claims. (Cl. 298—2)

1. A cart of the type described comprising a body portion, a substantially U-shaped member extending beneath the body portion and upwardly at opposite sides thereof, said U-shaped member having its upper end pivotally connected to said body portion, each of the vertical portions of said U-shaped member carrying a spindle which is spaced below the point at which said portion of the U-shaped member is pivotally connected to said body portion, each of said spindles carrying a wheel which supports the body portion for transportation, a rearwardly extending arm rigidly secured to said U-shaped member adjacent the lower portion thereof, stop members adjacent the bottom of said body portion for contacting



with said U-shaped member to limit rearward swinging thereof relative to the body portion about the points where it is pivotally connected thereto, leg members secured to the rear portion of said body portion, one of said leg members being disposed adjacent the rearwardly extending arm member, and a latch carried by said arm member for cooperating with said leg member to prevent forward swinging of said U-shaped member relative to said body portion about the points where it is pivotally connected thereto.

2,061,328
ART OF LUBRICATION
William B. D. Penniman, Baltimore, Md.
No Drawing. Application July 23, 1934, Serial No. 736,612
9 Claims. (Cl. 87—9)

1. A method of lubricating internal combustion engines such as automobile engines which comprises utilizing therein a lubricating oil containing a hydrocarbon oil having a viscosity within the range of 135 to 200'' Saybolt at 100° F., and a component for increasing the oiliness of the composition but not increasing the viscosity of the composition substantially beyond 200'' Saybolt.

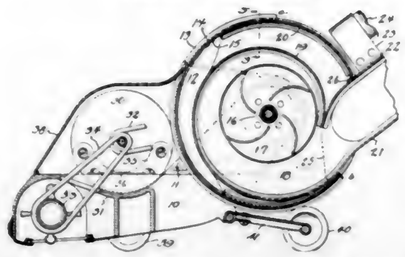
2,061,329
PROCESS AND APPARATUS FOR CONDITIONING COMMODITIES
Frank J. Reilly, Miami, Fla., assignor to Produce Conditioners, Inc., Miami, Fla., a corporation of Florida
Continuation of application Serial No. 39,044, September 3, 1935. This application May 7, 1936, Serial No. 78,498
12 Claims. (Cl. 98—6)



1. A method of conditioning a load in a freight car comprising withdrawing air from the load near the longitudinal center of the load and at a point below the load level, conditioning the air, introducing the conditioned air to the load receiving space of the car at a point above the load level, confining the airflow to a space above the load to prevent its introduction into the load through the top thereof substantially immedi-

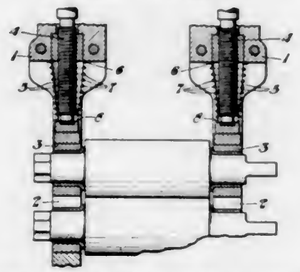
ately above the first-named point, passing the air into the load relatively remote from the first-named point, and then passing the air through the load to the first-named point.

2,061,330
VACUUM CLEANER
Frederick Riebel, Jr., Toledo, Ohio, assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio, a corporation of Delaware
Application April 13, 1936, Serial No. 74,049
6 Claims. (Cl. 15—8)



1. In a vacuum cleaner, a fan casing including side walls and a peripheral wall cut away for a portion of its circumference, said casing having an inlet; a handle, a discharge nozzle, a closure wall and scroll wall secured together as a rigid unit which is rotatably mounted on said casing, said closure wall being rotatably slidable in engagement with said peripheral wall and extending across the space where said peripheral wall is cut away and forming a continuation of said peripheral wall, an impeller mounted within the fan casing inside the space defined by said scroll wall, the latter serving to direct the discharge from said impeller into said discharge outlet, and a bag supported beneath said handle and fixedly associated with said discharge nozzle.

2,061,331
ROLLING MILL SCREWDOWN PROTECTION
Samuel S. Roberts, Pittsburgh, Pa.
Application November 18, 1935, Serial No. 50,463
4 Claims. (Cl. 80—56)

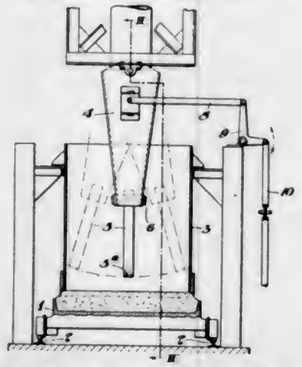


1. A rolling mill including the combination of a housing providing a window, a roll-neck bearing riding in said window, a screwdown projecting downwardly from the top of said window and with its lower end arranged in connection with said bearing, and a series of mutually telescoping rings enclosing said screwdown from its lower end to the top of said window, the uppermost one of said rings being fixed to the top of said window and all of said rings being conical and progressively decreasing in diameter downwardly from said uppermost one of the same.

2,061,332
PROCESS FOR PRODUCTION OF CALCIUM HYPOCHLORITE BLEACH LIQUOR SUITABLE FOR BLEACHING OF PAPER PULP
John D. Rue, Niagara Falls, N. Y., assignor to Hooker Electrochemical Company, New York, N. Y., a corporation of New York
No Drawing. Application August 27, 1935, Serial No. 38,084
8 Claims. (Cl. 23—86)

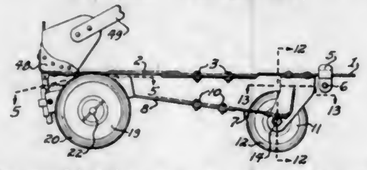
5. The process for production, by chlorination of milk of lime, of calcium hypochlorite bleach liquor suitable, in unclarified condition, for bleaching of paper pulp which comprises passing the unchlorinated milk of lime through a screen of the fineness of approximately 100 to 200 wires per inch, whereby the particles of matter normally found therein which cannot be tolerated in paper are removed, chlorinating the screened milk of lime thus prepared until substantially all the lime thereof is converted to calcium chloride and calcium hypochlorite and then adding additional unchlorinated screened milk of lime in amount sufficient to ensure a pH greater than 8.

2,061,333
SINTERING MACHINE
Chester Skinner, Donora, Pa., assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey
Application March 26, 1935, Serial No. 13,161
6 Claims. (Cl. 259—17)



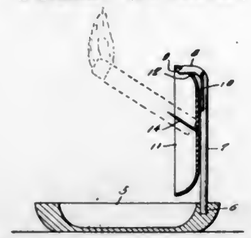
1. A sintering machine including the combination of a sintering bed, a depending spout over said bed for distributing the material to be sintered thereon, and a bar depending from said spout and having its lower end portion shaped so as to be in the path of material discharged from said spout.

2,061,334
SELF-PROPELLED ROLLER SKATE
Charles Stone, Wayland, Mich.
Application May 22, 1935, Serial No. 22,841
1 Claim. (Cl. 208—174)



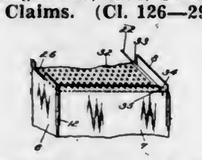
The combination with a roller skate having a principal adjustable frame, a subframe, the skate carried upon a front roller and a pair of rear rollers, said rear rollers having a common axle, means upon the front of said subframe and upon said principal frame for supporting said front roller, aforesaid subframe being composed of a front member and a rear member and means for connecting said members and adjusting same in coaction with the adjustment of the principal frame, a propelling mechanism, means upon said subframe for operatively supporting said mechanism, a free-wheeling gear and same keyed to a transverse shaft, said shaft journaled upon said subframe, said mechanism coacting with aforesaid axle and means whereby the downward thrust of the skater's heel upon the aforesaid principal frame will actuate said mechanism and drive the skate forwardly, and further means whereby the skate will coast during the upward movement of the last-named means as result of tilting the skater's heel upwardly.

2,061,335
CIGARETTE PARKING TRAY
Charles P. Strogen, Rochester, N. Y.
Application March 12, 1936, Serial No. 68,521
2 Claims. (Cl. 131—51)



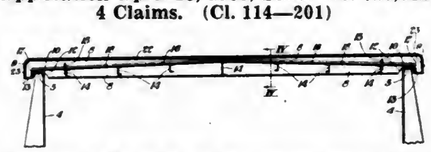
2. A cigarette parking device of the class described comprising in combination, a tray, an upstanding pin in the tray for receiving the unlighted end of the cigarette, an ash tray, a post rising from the edge of the ash tray, and means whereby the parking tray may be engaged on said post to be disposed in a substantially upright plane, said post having a shield on the upper end thereof behind the parking tray.

2,061,336
PORTABLE FOLDING STOVE
Kimberly Stuart, Neenah, Wis.
Application August 13, 1934, Serial No. 739,665
2 Claims. (Cl. 126—29)



1. In a collapsible stove a body including a plurality of collapsible substantially vertical sides, a pair of notches formed in corresponding upper corners of a pair of opposite sides, a grill, hinging means disposed at one edge of said grill including a pair of projections extending beyond the edges of said grill and adapted to be received in said notches, and complementary cooperating means formed on said grill and said sides for normally retaining said grill in noncollapsed position, said notches being designed to permit movement of said projections therein to allow movement of said grill relative to said body sides for causing disengagement of said complementary cooperating means, whereby said grill may be folded within said collapsible body sides.

2,061,337
HATCH CONSTRUCTION
John L. Taylor, West View, Pa.
Application April 16, 1934, Serial No. 720,842
4 Claims. (Cl. 114—201)

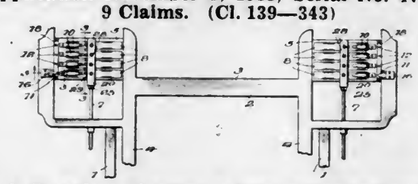


1. A quick-detachable hatch construction comprising a pair of structural elements extending across the hatchway, said structural elements having recesses adjacent their ends conforming substantially to the cross-section of the edge of the hatch coaming, at least one structural element for maintaining said pair of structural elements in spaced parallel relationship, a rigid paulin supported by said last named element, said paulin having downwardly extending ends for enclosing the edges of the hatch coaming, an ear on the outer ends of each of said structural elements, an anchor plate secured to said coaming beneath each adjacent pair of ears, an eyebolt connected to said anchor plate, a clamping element on the other end of said eye-bolt, and means for fastening said clamping plate to adjacent pairs of ears.

2,061,338
COATING PROCESS
Julian P. Ward, Cleveland, Ohio, assignor to The General Coating Company, Cleveland, Ohio, a corporation of Ohio
No Drawing. Application April 29, 1935, Serial No. 18,878
15 Claims. (Cl. 91—68)

11. A coating process comprising treating a surface of an alkali containing, lithic body with a substance capable of reacting with an alkali constituent thereof to form an inert substance capable of preventing, permanently, the escape of free alkali from such body and applying to such surface a dispersion of sodium silicate substantially free from extraneous electrolytes, causing the same to harden, and neutralizing the resulting film by treating it with hot ammonium chloride.

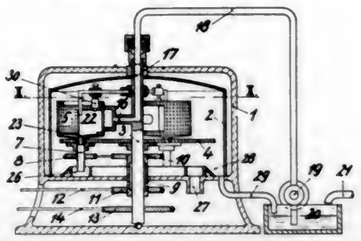
2,061,339
LOOM
Robert W. Zirm, Reynoldsville, and Frederick P. Zirm, Bloomsburg, Pa.
Application November 1, 1935, Serial No. 47,870
9 Claims. (Cl. 139—343)



1. In a loom having a loom stopping mechanism, an electric circuit for controlling said stopping mechanism, a group of shuttle cells for selective positioning at one end of the lay, and at least one shuttle cell at the opposite end thereof, the combination comprising a separate switch for each of said shuttle cells and operable to the closed position by a shuttle within its cell, and switch means for electrically coupling the switches of the two opposite cells on a level with the shuttle race of said lay in series relation in said cir-

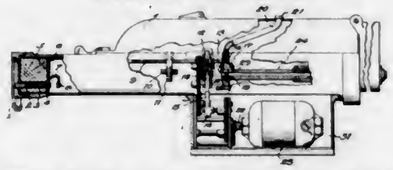
cuit for completing said circuit in event a shuttle is within each of said two opposite cells, said combination being mounted to move with said lay.

2,061,340
SIFTING, STRAINING, OR FILTERING APPARATUS
Robert Adams, Bad Kreuznach, Germany, assignor to Seitz-Werke G. m. b. H., Rheinland, Germany
Application May 22, 1935, Serial No. 22,897
In Germany June 27, 1933
12 Claims. (Cl. 210—63)



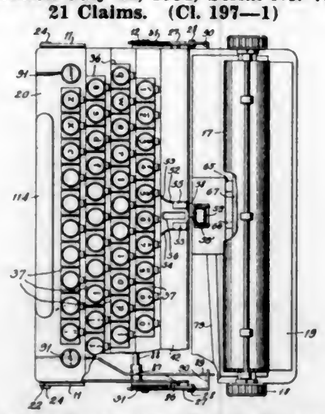
1. In a centrifugal device of the character described, a plurality of screen drums, means for bodily revolving said drums about a common axis of rotation, means for rotating each of said drums about its own axis, a feed box for each of said screen drums opening onto the peripheral surface thereof on the side facing the common axis of revolution, means for pressing the respective drums and feed boxes together, said feed boxes having substantial peripheral extent around the peripheries of said drums, means within each of said sieve drums forming a collection chamber for the filtrate disposed opposite each of said feed boxes and having peripheral extent as great as the feed boxes, and means for delivering a mixture to be treated to said feed boxes.

2,061,341
SLUG-SHOOTING ATTACHMENT FOR MACHINE GUNS
Hans Aigner, Vienna, Austria, assignor to Eric von Latscher-Latka, Vienna, Austria
Application October 11, 1934, Serial No. 747,971
In Austria October 12, 1933
14 Claims. (Cl. 89—6)



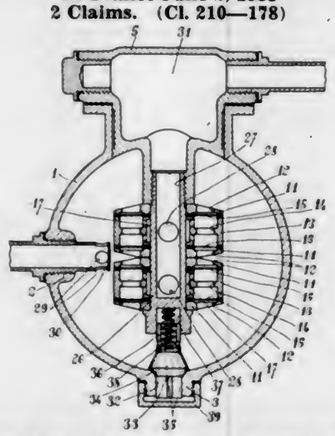
1. For attachment to an existing machine gun of conventional type, a removable unit comprising packing means adapted to fit tightly against the rear end of the barrel, a pellet feed device associated with the said packing means and adapted to feed a string of pellets one by one continuously into position behind the rear end of the said barrel, an airtight channel leading into the said packing means, a connection for a supply of compressed air, and a motor with control mechanism interposed between the said channel and connection and associated with the said pellet feed device for the periodic admission of compressed air to the said channel at intervals corresponding to the timing of the pellet feed.

2,061,342
TOY TYPEWRITER
Harry Bates, New York, N. Y., assignor to Bates Laboratories, Inc., New York, N. Y., a corporation of New York
Application July 14, 1934, Serial No. 735,107
21 Claims. (Cl. 197—1)



1. In a toy typewriter, the combination of, a platen, a keyboard bodily shiftable towards and away from said platen, and indicia and type carrying means removably mounted on said keyboard.

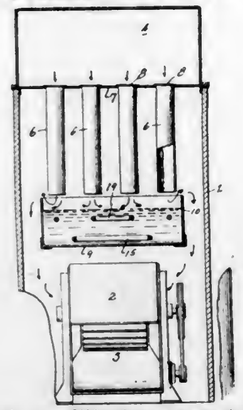
2,061,343
LIQUID PURIFIER
Charles Henri Bichler, Paris, and Georges Eyssartier, Arcachon, France
Application May 26, 1934, Serial No. 727,696
In France June 2, 1933
2 Claims. (Cl. 210—178)



1. Liquid purifier comprising in combination a spherical container in which the liquid to be purified is admitted and where the impurities settle, with a discharge orifice for these latter, provided with an obturating means, a hollow cap having an inner chamber from which the purified liquid is discharged and fitted on the said container, a tubular bolt supported by the said cap and extending downwardly into the said container, annular bowls, each pair of which clamp an annular plate between them, the said bowls and the said plates being mounted on the said tubular bolt, wire gauze crowns interposed between the edges of each of the said plates and the edges of the said bowls arranged on either

side of the latter, channels provided in the said plates and the tubular bolt for causing the space comprised between the wire gauze crowns to communicate with the interior of the said tubular bolt, a valve which is subjected to the action of a spring and controls the said orifice for evacuating impurities from the said container, blades integral with the said valve and sliding in the said orifice for evacuating impurities, a tubular extension also integral with the said valve and sliding in a recess of the said tubular bolt, and a spring arranged in the said tubular extension for constantly pressing the said valve against the said orifice.

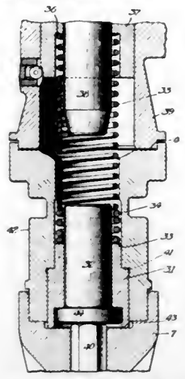
2,061,344
AIR CONDITIONING APPARATUS
Frederick P. Bingman, Birmingham, Mich., assignor to The R. C. Mahon Company, Detroit, Mich., a corporation of Michigan
Application February 18, 1935, Serial No. 7,029
6 Claims. (Cl. 261—9)



1. In an air conditioning apparatus, a casing, a conduit leading therefrom to a room and a conduit leading thereto from a room, an exhaust blower for causing movement of air to the room and back to the apparatus in a continuous circuit, means in the casing for removing dust particles from the air, comprising a receptacle within the casing containing a body of liquid, means for maintaining a practically constant level of liquid in the receptacle, a series of tubes through which the air withdrawn from a room is discharged, the combined cross sectional area of the several tubes being less than the cross sectional area of the conduit leading thereto whereby the air passes through the tubes under comparatively high velocity, said tubes being positioned with the discharge end thereof adjacent the surface of the liquid whereby due to the velocity of movement of the air and the momentum of the particles of dust the said particles enter the liquid and the air passes laterally therefrom along the surface of the liquid to the blower, and means for varying the temperature of the liquid in the receptacle.

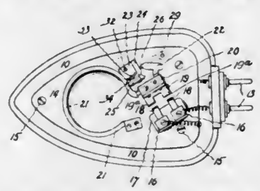
2,061,345
POWER HAMMER
Emmons R. Boddinghouse, Chicago, Ill., assignor to Gas Tool Patents Corporation, Chicago, Ill., a corporation of Delaware
Application November 9, 1934, Serial No. 752,307
3 Claims. (Cl. 123—7)

1. In an impact tool of the explosive type, the combination of a cylinder, a piston hammer reciprocable therein, a housing in alignment with said cylinder, a two piece anvil in said housing comprising an impact portion aligned to receive the blow of said hammer and a surrounding sleeve, a tool guide against which the outer end of said sleeve abuts, spring means interposed between said piston hammer and the inner end of said



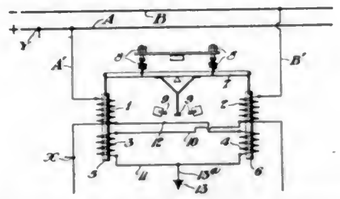
sleeve by which driving force of said piston on its working stroke is transmitted through the intermediary of said sleeve to said tool guide, and means yieldably securing said tool guide to said housing whereby the downward piston thrust against the tool guide is caused to snub the upward thrust of the cylinder resulting from the explosion in the cylinder.

2,061,346
THERMOSTATICALLY CONTROLLED ELECTRIC SWITCH
James Frederick Street Briggs, Whangarei, New Zealand
Application August 26, 1935, Serial No. 38,001
In New Zealand September 4, 1934
5 Claims. (Cl. 200—140)



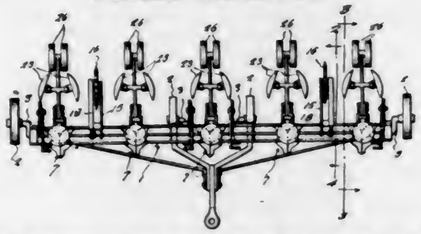
1. Thermostatic switch control means for electric heating circuits, comprising the combination with a pair of contact pieces interposed in the electric supply circuit of a thermostatic bow fixed at one end and supplied with an insulated bridging piece upon its free end and so positioned as to cause such bridging piece, on the contraction of the bow, to engage and bridge the said pair of contacts and, on the expansion of the bow, to move away from such engagement, and detent means adapted to engage and hold the free end of the bow when it is moved into the contact bridging position but to release it when its opening tension increases to a predetermined extent, said detent means for the thermostatic bow embodying an arm projecting from the free end of the bow, and a fixed block formed with a cam edge along which the end of the arm slides in the contracting and expanding movements of the bow and which cam edge is made with a notch into which the arm end springs when the bow has reached the circuit closing position.

2,061,347
ELECTRIC RELAY
Herbert Leon Coe, Steubenville, Ohio
Application December 8, 1934, Serial No. 756,670
3 Claims. (Cl. 177—311)



1. A relay that is selectively responsive to grounding of either of two power lines and which includes the combination of a first solenoid adapted to be connected in series with one of said lines, a second solenoid adapted to be connected in series with the other of said lines, a third solenoid arranged to magnetically oppose said first solenoid and having one end connected to the load end of said second solenoid, a fourth solenoid arranged to magnetically oppose said second solenoid and having one end connected to the load end of said first solenoid, the other ends of said third and fourth solenoids being interconnected, a ground connected between said third and fourth solenoids, and circuit closing means responsive to the relative magnetic forces of said first and second solenoids as respectively modified by said third and fourth solenoids.

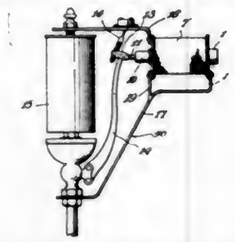
2,061,348
LISTER
William F. Cogdill, Friona, Tex.
Application April 3, 1934, Serial No. 718,830
Renewed May 11, 1936
2 Claims. (Cl. 111—83)



1. A lister comprising a wheeled frame including a pair of spaced, parallel front and rear bars, said rear bar having spaced openings therein, lister units adjustably mounted on the frame, each unit comprising a base adjustably secured to the rear bar through the openings therein and resting on the front bar, a hopper mounted on the base, a depositing tube depending from said hopper, a plow depending from the base forwardly of the depositing tube, and means for actuating the lister units.

2,061,349
RAILROAD SIGNAL
William L. Coleman, Fort Worth, Tex.
Application November 8, 1934, Serial No. 752,168
1 Claim. (Cl. 248—201)

A support for an article on another article, comprising a bracket having an angularly downwardly extending arm for attachment to one end of the supporting article and terminating in an upstanding yoke for carrying the supported article between the arms of the yoke, and a second bracket extending horizontally between and secured to other portions of the supported and supporting articles.

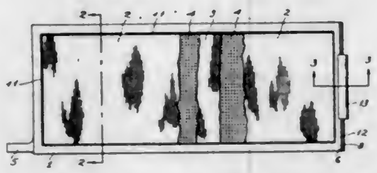


2,061,350
METHOD OF COVERING WIRES
Marcel Marie Joseph Eugène Coupier, Paris, Josué Rodolphe Heilmann, Clichy, and Charles Emmanuel Mildé, Paris, France
Application May 22, 1935, Serial No. 22,834
In France May 29, 1934
13 Claims. (Cl. 205—18)



1. A proceeding for manufacturing electric insulated conductors with an external sheath and a mineral insulating material consisting in preparing elements with a compressed powder of the insulating material, said elements being disposed between the conductors and sheath and the whole being then submitted to a mechanical lengthening treatment.

2,061,351
FILTER LEAF
Harry W. Denhard, Oakland, Calif., assignor to Oliver United Filters Incorporated, San Francisco, Calif., a corporation of Nevada
Application January 4, 1935, Serial No. 390
3 Claims. (Cl. 210—195)



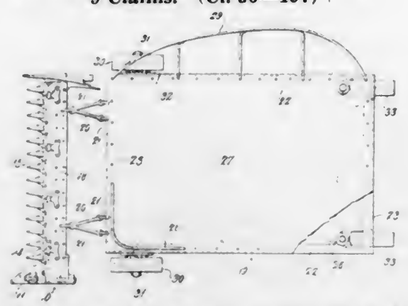
1. A filter leaf comprising a frame U-shaped in cross section and provided with a slot at one end and with a filtrate outlet somewhere along its periphery; a pair of panels of filter medium separated by a drainage screen accommodated in said frame and slidable through said slot; gaskets frictionally engaged between the filter panels and the frame, and means for closing said slot.

2,061,352
METHOD FOR PRODUCING WIRE ARTICLES
Edmund B. Dillon, Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey
Application May 21, 1934, Serial No. 726,811
2 Claims. (Cl. 91—70)



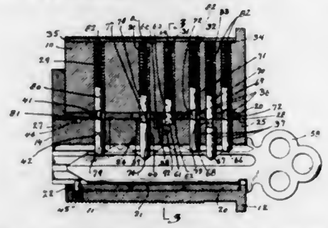
1. A method of producing bale ties protected against corrosion by a baked coating, including passing the wire from which said ties are to be made through a continuous furnace and thus heating it to an annealing temperature, continuously applying a synthetic resin enamel or the like to said wire after it has left said furnace and when it reaches a temperature providing an amount of residual heat that properly bakes said enamel to hardness, and subsequently continuously cutting said wire to suitable lengths and then twisting the end portions of the latter to produce formed ends.

2,061,353
CORNSTALK HARVESTER
Arthur Emery, Lawrence, Kans.
Application March 10, 1936, Serial No. 68,111
9 Claims. (Cl. 56—197)



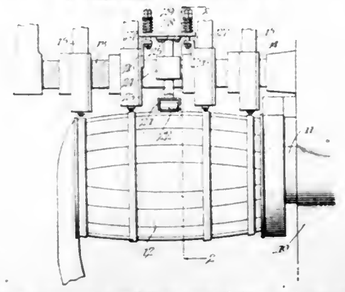
1. A corn stalk harvester comprising a horizontal cutter bar, a wheeled trailer, and a pair of spaced, V-shaped links connecting the trailer to the cutter bar so that the corn stalks cut by the bar will fall onto the trailer.

2,061,354
LOCK
Henry J. Federholzner, Buffalo, N. Y.
Application April 25, 1935, Serial No. 18,183
16 Claims. (Cl. 70—47)



1. A lock comprising a casing provided with a longitudinal bore, a sleeve mounted in the bore, a cylinder comprising two relatively rotatable sections, a plurality of pin tumblers carried by the casing, the sleeve, and the cylinder, one section of the cylinder being permanently fixed to the sleeve, and locking plunger means carried by one cylinder section and engageable with the other for locking said sections together only when relative rotation occurs between the two sections.

2,061,355
BARREL MAKING MACHINE
William B. Foreman, Elizabeth City, N. C.
Application July 20, 1934, Serial No. 736,241
4 Claims. (Cl. 1—13.6)



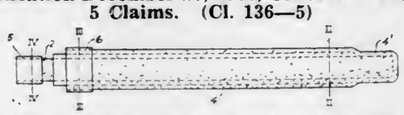
1. In a barrel making machine, a support for a barrel, a plurality of rollers mounted on said support and adapted to engage the interior of the barrel, a second support having stapling devices mounted thereon, a plurality of rollers resiliently mounted on said last named support and adapted to engage the exterior of the barrel in advance of, following and in axial alinement with said stapling devices and in opposition to the rollers on the interior of the barrel.

2,061,356
HAIR WAVER
Dorothy Gosewisch, St. George, N. Y.
Application October 22, 1935, Serial No. 46,152
5 Claims. (Cl. 132—42)



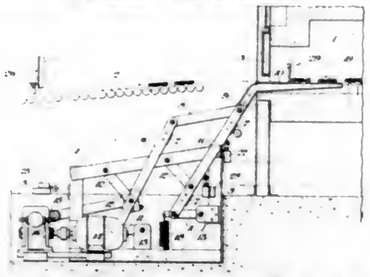
1. A hair waver including a body having a core of highly elastic material, an inner wrapper surrounding said core, a seamless tubular outer wrapper fitted over the inner wrapper, binding means compressing the ends of the outer wrapper at each end of the core, and an elastic band extending from end to end of the body and having its ends secured to the body at the ends thereof.

2,061,357
THERMOCOUPLE AND METHOD OF MOUNTING THE SAME
Albert H. Heyroth, Niagara Falls, and Edward W. Bratton, Buffalo, N. Y., assignors to The Globar Corporation, Niagara Falls, N. Y., a corporation of New York
Application December 27, 1933, Serial No. 704,140
5 Claims. (Cl. 136—5)



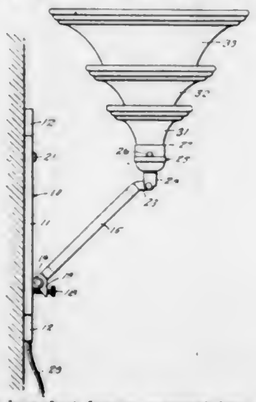
1. A thermoelectric couple comprised of a silicon carbide rod covered except at its two ends with a coating of insulating refractory, and a layer of finely divided silicon deposited over one end of the rod and over the insulating refractory to within a short distance from its opposite end.

2,061,358
AUTOMATIC DISCHARGING MACHINE
John A. Hunter, Ben Avon, and Howard K. Ihrig, Pittsburgh, Pa., assignors to American Sheet and Tin Plate Company, a corporation of New Jersey
Application October 7, 1932, Serial No. 636,742
2 Claims. (Cl. 214—18)



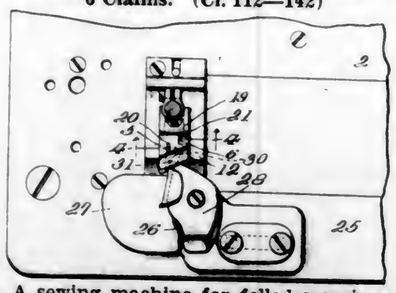
1. In combination with a furnace and an adjacent conveyer, a machine including a carrier, means for mounting said carrier for reciprocation from a work receiving point in said furnace to a work depositing point at said conveyer, a motor for reciprocating said means, and manually operated means for starting said motor when said carrier is at said receiving point, means operable by the reciprocation of said carrier to said depositing point for stopping said motor, means operable by the passage of work over said conveyer for starting said motor and means operable by the reciprocation of said carrier to said receiving point for stopping said motor.

2,061,359
WALL BRACKET LAMP
Edward Kanter, Cleveland Heights, Ohio
Application March 21, 1934, Serial No. 716,608
4 Claims. (Cl. 240—73)



4. A wall bracket lamp comprising a channel-shaped wall-engaging plate, a pair of ears carried by said plate, an arm pivotally supported between said pair of ears and having a projection thereon, a lamp socket and shade carried by the outer portion of said arm, said plate having an opening therein adjacent said pair of ears, said plate having a narrow channel portion extending downwardly from a point adjacent said opening, an electric cable connected with said lamp socket and extending through said arm and through the opening in said plate and thence behind said narrow channel, and means carried by the projecting portion of said arm for adjusting the position of said arm, said arm being circular in shape and channel-shaped in cross section and being secured to said plate at a point opposite said lamp socket.

2,061,360
DOUBLE LAP SEAM FELLING MACHINE
Frank A. Kucera, Chicago, Ill., assignor to Union Special Machine Company, Chicago, Ill., a corporation of Illinois
Application November 2, 1934, Serial No. 751,219
6 Claims. (Cl. 112—142)



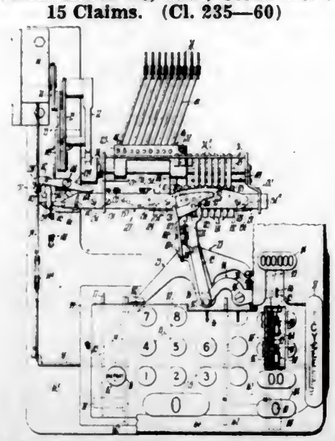
1. A sewing machine for felled seaming comprising spaced needles arranged in a line diagonally of the line of feed, a folder for interfolding fabric sections to form a felled seam, means terminating immediately in front of the needle, stitching the fabric sections adjacent the folded edge in the upper fabric section for positively guiding said folded edge to said needle, and means terminating immediately in front of the needle stitching the fabric sections adjacent the folded edge of the under fabric section for positively guiding said folded edge to said needle.

2,061,361
FLAG HOLDER
James W. Lane, Pawhuska, Okla.
Application March 29, 1935, Serial No. 13,780
1 Claim. (Cl. 116—173)



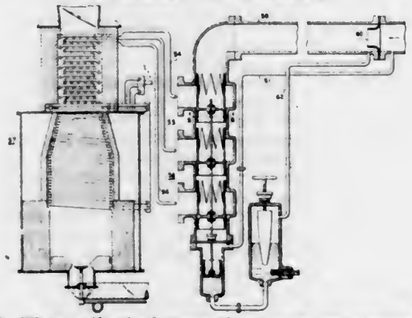
A flag holder comprising an inner tube, an outer tube concentric to and rotatable with respect to said inner tube, said tubes being provided with registering slots therein, a block in the lower portion of the inner tube, a body at the upper edges of the tube having a portion extending into the upper end of the inner tube, a roller having its ends engaged with the said body and the block and having a flag mounted thereon for movement through said slots when in registry, a circumferentially extending shoulder on the outside of the inner tube with which the lower edge of the outer tube abuts, the lower end portion of the inner tube depending below the lower end of the outer tube, a tubular section into which the lower end of the inner tube extends and a flag staff extending at its upper end into the said tubular section.

2,061,362
COMPUTING MACHINE
Lawrence E. Lentz, New York, N. Y., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application March 16, 1934, Serial No. 715,820
15 Claims. (Cl. 235—60)



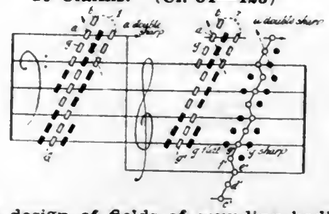
1. In a ten-key adding machine, the combination of a key-operated mechanism for indexing an amount digit by digit, mechanism which may be tripped for cycling the machine subsequently to the indexing, a plurality of special keys selectively operable for indexing one or more final zeros of an amount at one key-stroke, and means called into play by operation of any one of said special zero-keys to automatically trip said last-mentioned mechanism to cycle the machine.

2,061,363
VAPOR GENERATOR OPERATION
Charles E. Lucke, New York, N. Y., assignor to Bailey Meter Company, a corporation of Delaware
Original application November 17, 1931, Serial No. 575,604. Divided and this application January 12, 1935, Serial No. 1,565
18 Claims. (Cl. 122—451)



9. The method of operating power producing or utilizing apparatus having a plurality of parallel fluid flow paths, which includes obtaining a measure of total fluid flow, and utilizing such measure for proportioning the total fluid flow to the plurality of paths.

2,061,364
DESIGN OF KEYBOARDS OR FIELDS OF SOUNDING BODIES
Hans Luedtke, Berlin, Germany
Application July 16, 1935, Serial No. 31,683
In Germany March 26, 1934
16 Claims. (Cl. 84—423)



1. The design of fields of sounding bodies for musical instruments and the like, in which sound related members disposed behind one another in the main direction of coordinates and corresponding to equal sound intervals constitute points of reference for other sound related members associated with intermediate notes which last members are, together with their points of reference, disposed behind one another in a second direction of coordinates other than the first direction, in which the system of coordinates of the field of members includes a definite angle with an imagined system of staves comprising straight lines only, in which the main direction of coordinates corresponds to the full-tone intervals and the other direction to the semitone intervals in the case of the tempered scale system comprising twelve intervals, in which the lower note is disposed below and the higher note above the points of reference, the meaning of below and above being determined by the staves, and in which there are provided exchangeable stencils of notation which are, optionally single or several together, disposed below or on the system of keys.

2,061,365
IDENTIFICATION MEANS FOR SPOOLS AND BOBBINS
George B. Markle, Jr., Hazleton, Pa.
Application November 25, 1935, Serial No. 51,525
1 Claim. (Cl. 40—20)



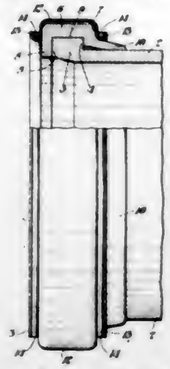
A spool or bobbin comprising a cylindrical body having a central longitudinal bore extending therethrough provided with apertured heads at each end surrounded by a circular recess, apertured identification discs disposed in the recesses

of said heads, the apertures of said heads and discs being in alignment with the bore of said body, the apertures of said heads and discs being of the same diameter as the diameter of the bore of said body forming an unobstructed passageway throughout the entire length of said spool or bobbin and screws passing through said heads and discs into said body for connecting said heads to said body and said discs to said heads.

2,061,366
PROTECTOR FOR PIPE ENDS

Harry R. Mazurie, Pittsburgh, Pa., assignor to National Tube Company, a corporation of New Jersey

Application December 13, 1935, Serial No. 54,333
1 Claim. (Cl. 138—96)

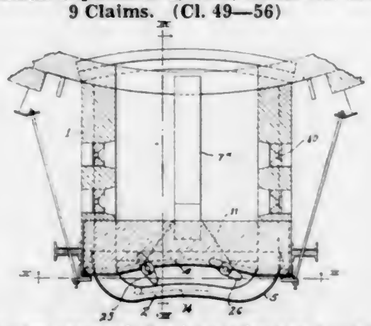


In a protector for a pipe having an external annular flange adjacent one of its ends, a channel-shaped annular elastic ring having a groove which is adapted to embrace said flange, the end walls of said groove providing abutments at the sides of said flange, a channel-shaped annular metallic split ring having a groove which is adapted to embrace said annular elastic ring, said metallic split ring comprising a central substantially cylindrical portion and inwardly extending edge portions having troughs providing seats for tie wires, and tie wires in said troughs adapted to contract said metallic split ring and said annular elastic ring into close engagement with said flange.

2,061,367
FOREHEARTH STRUCTURE

William A. Morton, Pittsburgh, Pa., assignor to Amco, Incorporated, Pittsburgh, Pa., a corporation of Pennsylvania

Application September 4, 1931, Serial No. 561,126
9 Claims. (Cl. 49—56)



7. In an exposed forebay adapted to deliver conditioned molten glass to suction-type gathering molds, means for conditioning the glass comprising, an extended horizontal burner delivering a sheet of heated gases from the front of the forebay parallel with the surface of the glass exposed in the forebay, and a radiant above said burner for reflecting heat to the surface of the glass.

2,061,368
PROCESS FOR MAKING YELLOW PIGMENTS

James J. O'Brien, Baltimore, Md., assignor to The Glidden Company, Cleveland, Ohio, a corporation of Ohio

No Drawing. Application August 14, 1934, Serial No. 739,814
4 Claims. (Cl. 134—58)

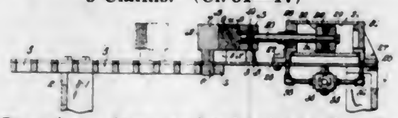
1. The method of making a pigment which comprises precipitating cadmium sulfate solution with barium sulfide solution, at a pH between 7 and 8.5.

2. The method of making a pigment which comprises precipitating a solution containing cadmium and zinc sulfates with barium sulfide solution, at a pH between 7 and 8.5.

2,061,369
CLAMPING DEVICE

James Prendergast and Joseph Prendergast, Claremont, N. H., assignors to Sullivan Machinery Company, a corporation of Massachusetts

Application October 20, 1932, Serial No. 638,828
5 Claims. (Cl. 81—17)



2. In a vise, a jaw member having a pin adapted to support the same against displacement but providing for angular movement about the axis of said pin, and having relatively small depending feet at opposite ends thereof for supporting the same in different positions thereof.

2,061,370
HEAT RESISTING ARTICLE

Wilhelm Rohn, Hanau-on-the-Main, Germany

No Drawing. Application January 7, 1935, Serial No. 735. In Germany January 18, 1934
2 Claims. (Cl. 75—124)

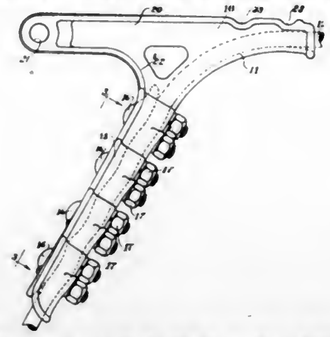
1. Heat resisting articles in wrought condition containing aluminum 0.1 to 11.5%, chromium up to 30% and metals of the rare earths 0.05 to 2%, the remainder being substantially iron.

2,061,371
CLAMP

John J. Taylor, Wadsworth, Ohio, assignor to The Ohio Brass Company, Mansfield, Ohio, a corporation of New Jersey

Application September 6, 1935, Serial No. 39,433
8 Claims. (Cl. 24—135)

1. A cable clamp comprising a channel shaped body member having a curved seat at the bottom of the channel, supporting arms rigidly secured, one to each of the sides of the channel and extending in a direction tangent to the entrance portion of the seat, means at the ends of said arms away from said seat for pivotally supporting said clamp, said arms being spaced apart, leaving a clear space therebetween for the entrance of a cable into said seat, a holding shank formed rigidly with said body member and supporting arms and having a channel therein forming a continuation of the seat in said body member, bracing means connecting the sides of said shank with said arms respectively, said bracing means being joined to said shank and to said arms near the end of said shank and the ends of said arms closest said body member and at a considerable distance from the other ends of said arms, said shank extending rearwardly from said body member at an acute angle with said arms,



a keeper for holding a cable in said shank and bolts for securing said keeper in place, said bolts all being located along said shank rearwardly beyond the rearmost point of connection between said shank and said arms, the portion of said shank rearwardly of said point being substantially straight and having an undulated seat therein and being of sufficient length and having enough bolts thereon to retain the cable in said clamp when the cable is subject to full load.

2,061,372
TACK

Gustaf A. Wallin, Flushing, N. Y., assignor to A. Kimball Company, New York, N. Y., a corporation of New York

Application October 3, 1934, Serial No. 746,628
1 Claim. (Cl. 248—28)



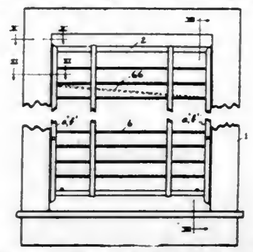
A composite thumb tack adapted to be manufactured by a continuous process from continuous strips of metal and paper comprising a strip of metal interposed between two strips of paper of greater area than said metal strip, said strips being adhesively secured together, said metal strip having a prong integral therewith and struck out from said metal strip, said metal strip extending across the tack from one edge of the paper strips to an opposite edge.

2,061,373
VENETIAN BLIND

George F. Brent and James M. Guthrie, Pittsburgh, Pa.; said Guthrie assignor to said Brent

Application October 4, 1935, Serial No. 43,592
13 Claims. (Cl. 156—17)

6. In a Venetian blind including an angularly movable head member, a vertically adjustable basal member, and a series of tiltable slats extending between said members and supported from said head member, the combination of guiding means mounted at each of the opposite sides of the blind structure, said guiding means



being movable for angularly adjusting said head member and tilting said slats.

2,061,374
MOISTUREPROOF MATERIAL AND METHOD OF MAKING SAME

William Hale Charch, Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

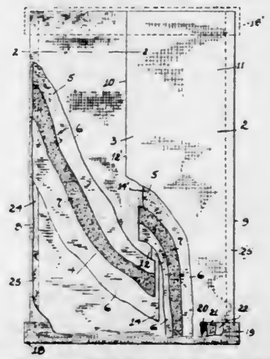
No Drawing. Application January 9, 1932, Serial No. 585,810
25 Claims. (Cl. 91—70)

1. A method of preparing a transparent moistureproof material having a non-tacky surface which does not appreciably smear on handling which consists in treating a transparent base formed of a non-fibrous cellulosic material with an aqueous dispersion containing a moistureproofing wax and a hardening agent for said wax in proportions to produce, upon heating to a temperature at least approximately equal to the melting point of the wax in the composition, a transparent moistureproof product having a non-tacky surface which does not appreciably smear on handling, and subjecting the treated material to a temperature at least approximately equal to the melting point of the wax in the composition.

2,061,375
BAG OR SACK

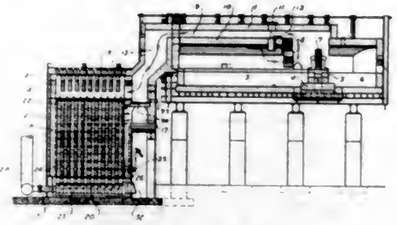
Joseph D. Cramer, Goshen, Ind., assignor to The Chase Bag Company, New York, N. Y., a corporation of Delaware

Application October 6, 1934, Serial No. 747,184
3 Claims. (Cl. 150—1)



2. A doubled walled bag formed of textile fabric and creped paper lining secured thereto by a waterproof binder uniting said fabric and paper over their entire opposed surfaces, folded areas in said bag, and thin films of an elastic adhesive material lengthwise of the folds of said paper lining for reenforcing the folded areas thereof, and protective means covering said elastic adhesive material.

2,061,376
RECUPERATOR STRUCTURE
Paul L. Geer, Bellevue, Pa., assignor to Amco, Incorporated, Pittsburgh, Pa., a corporation of Pennsylvania
Application June 12, 1931, Serial No. 543,801
11 Claims. (Cl. 263—20)



1. In a recuperator, a tile structure forming a series of vertical and horizontal passages in heat exchange relation, a distributing chamber at the top of the vertical passages, an exhaust chamber at the bottom of said vertical passages, said chambers being common to all of said vertical passages, and said horizontal passages having a plurality of air inlets adjacent the bottom of the recuperator structure, and a plurality of air outlets at the top of the structure, regulable means for controlling the volume of air drawn into said horizontal passages and means associated with the vertical passages to progressively vary the area of the horizontal passages from the air inlets to the air outlets.

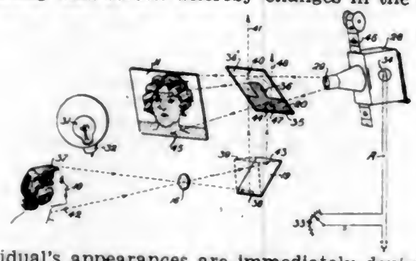
2,061,377
CONVERSION OF POLYHALOGENATED ALCOHOLS
Herbert P. A. Groll, Oakland, and George Hearne, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application June 25, 1934, Serial No. 732,302
22 Claims. (Cl. 260—156.5)

1. A process for the conversion of a polyhalogenated tertiary alcohol to a valuable oxy compound containing fewer halogen atoms which comprises reacting an alcohol containing at least one tertiary carbinol group, a greater number of halogen atoms than hydroxyl groups and no more than two halogen atoms linked to a single carbon atom with a substantially non-oxidizing basic-acting compound at a temperature at which the desired less halogenated oxy compound is substantially stable.

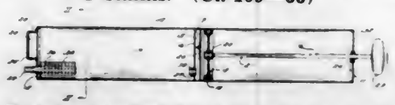
22. A halogenated epoxide containing at least five carbon atoms to the molecule and an epoxy oxygen atom linked to two aliphatic carbon atoms at least one of which is tertiary.

2,061,378
ILLUSION APPARATUS AND METHOD
Otto C. W. Henze, Brooklyn, and Ruth V. Tremain, New York, N. Y.; said Tremain assignor to said Henze
Application November 2, 1932, Serial No. 640,752
7 Claims. (Cl. 88—24)

1. The method of producing an illusion portrait of an individual which consists in passing onto a screen in composite merging relation and co-ordinate and contiguous manner desirable features out of a portrait projecting ray beam and other desirable features out of a display projecting ray beam, and simultaneously filtering distubing features out of both ray beams before striking said screen whereby changes in the individual's appearances are immediately depicted by the individual on said screen.

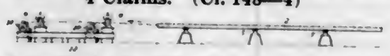


2,061,379
DISPENSING APPARATUS
Wayne W. Hudson, Sheridan, Mich., assignor to Vesta B. Hudson
Application July 21, 1933, Serial No. 681,455
4 Claims. (Cl. 169—33)



3. In an apparatus for dispensing a powder, a hollow casing, a partition in said casing dividing the interior thereof into an air compression chamber and a powder containing chamber, a piston reciprocably mounted in said compression chamber to provide air under pressure, means for moving said piston, one-way valve means associated with said partition to permit air under pressure to pass from the compression chamber into the powder chamber but preventing the passage of powder into the compression chamber, a perforated nozzle extending a substantial distance into said chamber adjacent the lower portion thereof, and an elongated perforated shield substantially conforming in cross sectional shape to that of said nozzle and arranged with the walls thereof in parallel spaced relation to the walls of said nozzle.

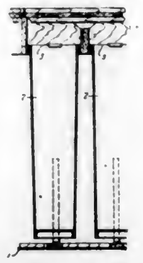
2,061,380
TREATMENT OF STRIP
Joseph C. Kientz, Jr., Carnegie, Pa., assignor to Superior Steel Corporation, Pittsburgh, Pa., a corporation of Virginia
Application April 13, 1934, Serial No. 720,360
4 Claims. (Cl. 148—4)



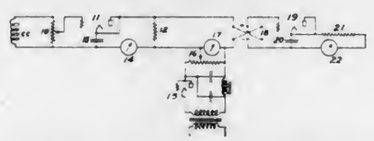
1. A method of producing soft annealed strip in coils, comprising continuously passing the strip through an annealing chamber whereby to anneal it and bring it to such a condition that the strip tends to crack upon being coiled and thereafter coiling the strip, and prior to coiling the strip subjecting it to a light skin reduction cold rolling only to such an extent as to prevent it from cracking upon coiling without altering substantially its soft annealed characteristics.

2,061,381
HOLDING DOWN DEVICE FOR ICE CANS
George M. Kleucker, St. Louis, Mo.
Application April 1, 1933, Serial No. 663,991
4 Claims. (Cl. 62—157)

1. A holding down device for ice cans placed in a brine tank comprising, in combination, a frame member disposed over the brine and having a recess which is formed by removing a lower corner of said frame member and is of a size so as to be adapted to receive spaced portions of the edge of a can, and means disposed within said recess for engaging said edge of a can placed beneath the shoulder of said recess and buoyed by brine in the tank, said means and frame having sufficient clearance with a can that it may be freely inserted downwardly into the brine and then shifted laterally to effect its engagement with said means.



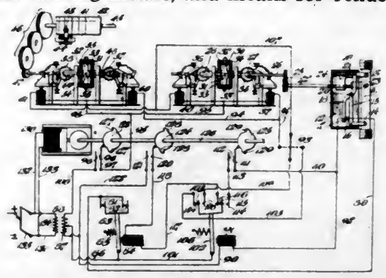
2,061,382
METHOD AND APPARATUS FOR VOLTAGE MEASUREMENT
Worthington C. Lent, Ridgefield Park, N. J., assignor to General Communications Laboratories, Inc., a corporation of New Jersey
Application October 26, 1933, Serial No. 695,253
5 Claims. (Cl. 179—171)



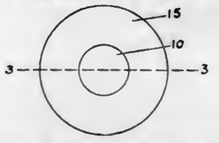
3. The method of measuring percentage of modulation which consists of demodulating a modulated carrier wave, establishing a known voltage at a point in a circuit carrying said demodulated wave, balancing out the average carrier amplitude component of said wave by imposing thereon a balancing voltage equal in magnitude and opposite in polarity thereto, connecting the remaining component representing the modulation of said wave to a capacity to charge the same, and directly measuring the discharge from said capacity by means indicating the percentage of modulation as compared with the known voltage established in the circuit as aforesaid.

2,061,383
STRESS-STRAIN RECORDING INSTRUMENT
Robert B. Lewis, Philadelphia, Pa., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa., a corporation of Pennsylvania
Application March 10, 1934, Serial No. 714,948
8 Claims. (Cl. 265—2)

1. An indicating mechanism for stress-strain recording that comprises a recorder, driving means for periodically actuating the recorder comprising an electric motor and a means for periodically supplying electric current thereto, a control device responsive to the stress in an object under test for controlling the operation of said driving means, and means for rendering the control device ineffective during and only during the actuating periods.



2,061,384
CATAMENIAL RECEPTACLE
John Robert Manegold, Milwaukee, Wis.
Application October 30, 1935, Serial No. 47,371
7 Claims. (Cl. 128—285)



5. An article of the character described comprising a cup, a layer of resilient absorbing material on the outer side of said cup, said material resisting fluid passage through said layer lengthwise of said cup said article being adapted to be inserted in the vagina with the mouth of the cup towards the cervix and fit snugly against the walls of the vagina to effect a sealing engagement with said walls.

2,061,385
ADJUSTABLE BUTTON-ATTACHING DEVICE
Maurice D. Nadler, New York, N. Y.
Application April 22, 1933, Serial No. 667,425
18 Claims. (Cl. 24—80)

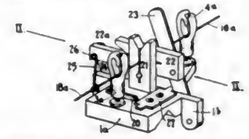


1. A device of the character described comprising a pair of arms joined at one of their ends by spring means adapted to press the free ends of said arms together, one of said arms having inwardly turned edges forming guiding channels for a sliding member, a sliding member positioned within the said guiding channels and in frictional contact with the said arm and a button mounted on the end of the said sliding member extending beyond the said arm.

2,061,386
THREAD CLEANING DEVICE
Albert G. Osborne, Paterson, and Bertrand H. H. Noble, Glen Rock, N. J.
Original application August 23, 1935, Serial No. 37,460. Divided and this application April 30, 1936, Serial No. 77,078
3 Claims. (Cl. 28—70)

1. A thread-cleaning device comprising in combination a base, a cleaning member secured on said base and having an elongated open-ended slot, a cleaning member pivotally sup-

ported at its opposite ends in transverse juxtaposition to said first member, said pivotally supported member also having an elongated open-ended slot, means for normally maintaining the pivotally supported member at one extremity of



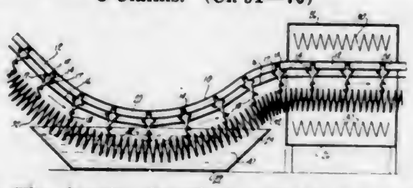
its pivotal movement, and means for moving said member to the opposite extremity of its movement thereby to bring the open ends of the slots into position to afford access to both of said slots.

2,061,387
ELECTRON DISCHARGE TUBE
Dietrich Prinz, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application October 1, 1932, Serial No. 635,877
In Germany October 13, 1931
3 Claims. (Cl. 250—27.5)



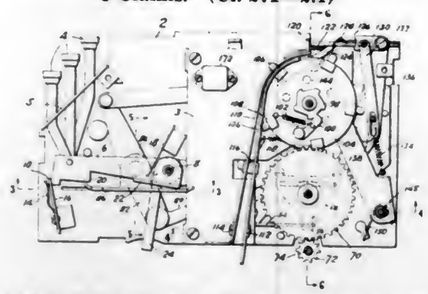
1. A thermionic tube comprising an evacuated envelope, a plurality of radial partitions arranged therein which subdivide the space within the envelope into a plurality of compartments, an electron emitting cathode housed wholly within one of said compartments, a control grid and a plate electrode cooperating with said cathode disposed wholly within a second compartment remote from the cathode compartment, the partitions interposed between said electrodes having apertures arranged to permit a narrow stream of electrons emanating from the cathode to be collected by the anode.

2,061,388
INSULATING ELECTRICAL COIL WINDING
Theodor Schou, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill., a corporation of Illinois
Application October 27, 1933, Serial No. 695,382
3 Claims. (Cl. 91—70)



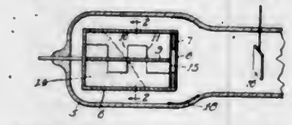
1. The herein described method of coating an edge-wound strap coil winding with a heat hardening phenolic resinous dielectric, which consists in arranging the winding in helical form, in spreading the coil turns of said winding so as to expose all surfaces of the turns, in immersing said winding in a bath of the liquid dielectric material by movement of the turns into and out of the bath, in directing the winding through a heating zone and maintaining the coil turns in spaced relation while in said zone, and there subjecting the coated winding to a predetermined hardening temperature for a predetermined period of time, and in moving the said winding continuously, at a substantially constant linear rate, through said bath and through said zone.

2,061,389
TICKET ISSUING MACHINE
Herman Soltz, Woodside, N. Y., assignor to General Register Corporation, New York, N. Y., a corporation of Pennsylvania
Application September 30, 1935, Serial No. 42,773
8 Claims. (Cl. 271—2.4)



1. A ticket issuing machine comprising means for delivering one or more tickets in a cycle of operation, a plurality of keys, a member mounted for movement in a fixed path, a lever pivoted intermediate its ends on said member, means for imparting to one end of the lever a substantially constant forward and backward stroke in every cycle of operation, key controlled means for variably limiting the movements of said member depending upon the number of tickets to be issued, and connections between the other end of the lever and the delivering means.

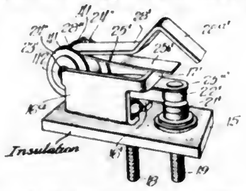
2,061,390
GASEOUS CONDUCTION DEVICE
Daniel S. Stevens, Chicago, Ill.
Application April 8, 1933, Serial No. 665,058
6 Claims. (Cl. 176—126)



1. An electrode for gaseous conduction tubes capable of passing currents in excess of one-half ampere during a normal useful life, said electrode comprising a metal cup having therein an activating substance consisting of potassium chromate.

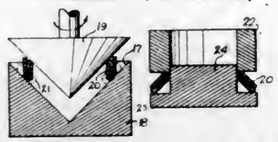
2,061,391
ELECTRICAL CONTACTOR
Joseph C. Tamsitt, Aurora, Ill., assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill., a corporation of Illinois
Application April 14, 1933, Serial No. 666,088
18 Claims. (Cl. 200—164)

1. A contactor comprising means acting as a base, a pair of fixed insulated contacts carried thereby, a spring arm pivoted to the base and having a contact disposed on one side of the pivot axis of said arm and adapted to engage one of said fixed contacts with a wiping motion when the arm is swung in one direction, and a second spring arm electrically connected with the first spring arm on the other side of the pivot axis of the latter and movable therewith, said second spring arm being arranged to engage the second of said fixed



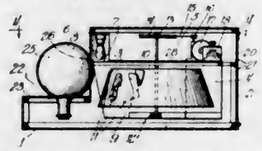
contacts with a wiping motion when the arm is swung in said one direction, the pressure on said fixed contacts thereby progressively increasing as the arm is swung in said direction.

2,061,392
PACKING GASKET
Harley T. Wheeler, Dallas, Tex.
Application May 29, 1933, Serial No. 673,419
7 Claims. (Cl. 154—2)



7. A method of forming packing gaskets comprising impregnating a tube of fabric material with unvulcanized rubber, folding said tube into a plurality of cylindrical layers, distorting said layers into frusto-conical shape, compressing the same into a plane at right angles to the axis of said tube, and coating the surface of the same with a varnish to prevent adherence of said gasket to heated metal in use.

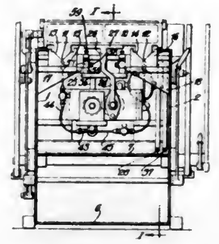
2,061,393
DISPLAY DEVICE
Christen Christensen, Maywood, Ill.
Application April 13, 1932, Serial No. 604,918
Renewed November 7, 1934
17 Claims. (Cl. 88—1)



1. In a display device the combination of a positive lens formed of essentially a complete refracting sphere, and means for moving material for display across the back of the lens in a path having portions at distances within and beyond the focal length of the lens to form simultaneously inverted and upright images of the material by means of said lens and to change the character of said images in the movement of the material in said path.

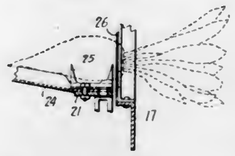
2,061,394
MOTIVE FLUID DRIVE FOR RECIPROCATING ELEMENTS
Calvert B. Cottrell, 3d, Westerly, R. I., assignor to C. B. Cottrell & Sons Company, Westerly, R. I., a corporation of Delaware
Original application June 21, 1932, Serial No. 618,479. Divided and this application December 24, 1932, Serial No. 648,820
2 Claims. (Cl. 308—6)

2. In a machine of the character described, tracks, a bed reciprocating thereon, a fin depending from the bed between the tracks, said fin having opposite laterally projecting flanges, freely reciprocating bars, rows of anti-friction rollers carried thereby and bearing on the tops of said flanges upon opposite sides of the said depending



fin, pressure bars carried by said tracks in position to bear upon said rows of rollers, said pressure bars being vertically adjustable, and means for securing the pressure bars in their adjusted positions.

2,061,395
BEET TOPPING DEVICE
Carl B. Daniels and Ernest J. Graham, Denver, Colo.
Application January 11, 1934, Serial No. 706,178
8 Claims. (Cl. 146—85)

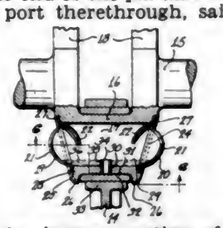


1. In a beet topping device, a frame comprising horizontal side members supporting cross members equally spaced at right angles thereon to form a picking platform for receiving dug beets, steps and body guards mounted on said frame for supporting and positioning manual operatives, a topping conveyor carried by said frame and provided with cross members bent to slope upward toward the center from each end to conform to the contour of the beet to provide additional support for the said beet, and having beet holding means supported at opposite ends of said cross members, and upon which beets are manually positioned by said operators, knife means supported at an angle on said frame adjacent to and parallel with said topping conveyor and spaced along same at each side thereof, to contact the beets as the movement of the said conveyor moves the beets held thereon, means to move said conveyor and thereby top the beets, and cam means carried by said frame adjacent the conveyor to remove the beets from the topping conveyor.

2,061,396
INTERNAL COMBUSTION ENGINE
William C. Dehn and Milton H. Rix, Three Rivers, Mich., assignors to Fairbanks, Morse & Company, Chicago, Ill., a corporation of Illinois
Application March 31, 1934, Serial No. 718,374
18 Claims. (Cl. 184—11)

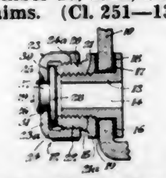
1. An engine crankpin oiling device including in combination with a hollow crankpin, a closure

portion at one end of the pin and formed to provide a fluid port therethrough, said port being



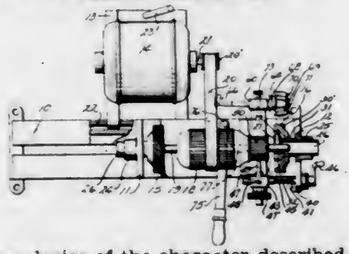
external of the journal portion of the pin and presented at a substantial angle to a crank circle.

2,061,397
VALVE FOR NURSING BOTTLES
Edward Geistlinger, Peekskill, N. Y.
Application November 10, 1933, Serial No. 697,411
5 Claims. (Cl. 251—139)



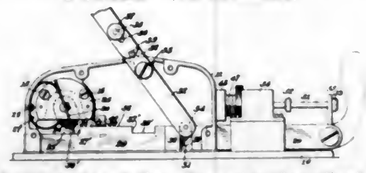
3. In a vent valve of the class described, the combination of a flanged member having a screw thread thereon adapted to extend through an aperture in a nursing bottle with said flange fitting about the aperture on the inside of the bottle, a threaded collar member threaded to the exterior of said tubular member for engaging the exterior of the bottle to hold the tubular member in place, a cap having a screw thread on the interior thereof threaded to the exterior of one of said members and having an aperture in the cover thereof, and a freely floating disc having an integral member movably mounted and permanently secured in said aperture, the cooperating screw threads on the cap and on the one of the said members providing for clamping said disc in closed position, said disc being adapted to act as a valve for closing the end of one of said members.

2,061,398
COMMUTATOR TRUING MECHANISMS
William S. Green, Waukesha, Wis.
Application October 29, 1934, Serial No. 750,512
4 Claims. (Cl. 29—27)



1. In a device of the character described a bed and a headstock and tailstock spaced thereon for reception of work to be revolved, a motor supported from the bed and adjustable longitudinally thereof, a tool holding carriage supported from the headstock and a tool holding spindle supported from the bed and swingable to and from working position, the spindle being provided with power connections engageable with the motor when the motor is adjusted along the bed to a position of alignment therewith.

2,061,399
BLOOD TRANSFUSION MACHINE
Louis Gross, New York, N. Y.
Application April 17, 1935, Serial No. 16,747
8 Claims. (Cl. 128—214)



1. A machine of the character described comprising a base-plate, a casing thereon, a plug-valve carried by the casing comprising a body portion having three passages formed therein, a rotatable plug in said body portion having passages adapted to register in operative relation with the passages in the body portion, a syringe, one end of which is supported in open communication with one of said passages, means for supporting the opposite end of said syringe, a spindle supported in alignment with said plug in loose operative engagement therewith to permit a limited relative rotational movement in either direction, a lever fixed on said spindle, a bar and a spring movable thereby for moving said lever alternately in opposite directions; said syringe comprising a piston and piston-rod, and means carried by the bar for reciprocating said piston-rod.

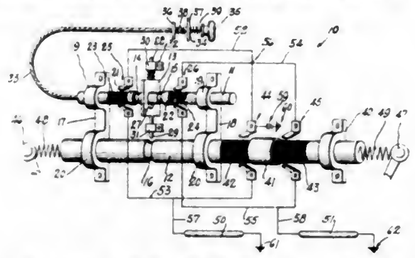
2,061,400
OPHTHALMIC MOUNTING
Rudolph J. Hauser, Hillside, N. J., assignor to Lowres Optical Manufacturing Co., Newark, N. J., a corporation of New Jersey
Application September 24, 1935, Serial No. 41,837
3 Claims. (Cl. 88—47)



1. An ophthalmic mounting for spectacles and eyeglasses comprising, a lens strap having apertured arms for engaging opposite sides of a lens, a fastener for extending through said arms and an aperture in the lens, said lens strap having bight lugs extending upwardly and downwardly from the bight portion thereof between said arms, and a leaf spring attached adjacent its end portions to said respective bight lugs and abutting the bight portion of said lens strap, the end portions of said spring projecting respectively above and below the ends of said bight lugs for pressing upon the lens edge to thereby retain said mounting in fixed postion on the lens.

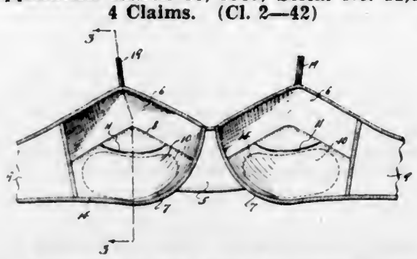
2,061,401
DIRECTION INDICATOR
Louis Hellmer, Merrick, N. Y.
Application August 2, 1935, Serial No. 34,368
13 Claims. (Cl. 177—337)

2. A direction indicator system for an automobile, including direction indicator means, a single manual means for operating the same, a single automatic means responsive to the steering means of the automobile for operating the direction indicator means, the manual means and the automatic means each having a plurality of operative spaced positions and an inoperative position therebetween, and a single element for mechanically releasably locking the manual means in either operative position, at



will, and the automatic means in either of its operative positions coacting with the element to release the same to permit the manual means to return to inoperative position.

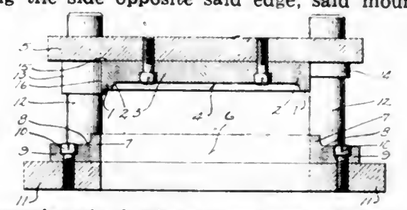
2,061,402
BRASSIÈRE
John V. Hollar, East Orange, N. J., assignor to Vogue Mfg. Co., Newark, N. J., a corporation of New Jersey
Application March 16, 1935, Serial No. 11,406
4 Claims. (Cl. 2—42)



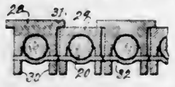
1. A brassière having breast-receiving portions provided with pockets at and contiguous to the interior faces of the lower hemisphere sections thereof, said pockets having upwardly open mouths, and a transversely elongated sheet of relatively rigid initially flat but flexible material removably disposed within each pocket capable of flexing transversely about the undersides only of the wearer's breasts and thus being stiffened vertically with uplifting, supporting and molding effect upon the latter, and the mouths of said pockets being of a length substantially less than the lateral extension of the pockets whereby the inserted sheets are disposed in enclosed lateral end sections of the pockets and thus retained against escape, the pocket interiors being somewhat larger in area than the inserted sheets whereby the latter are floatingly sustained for self-adjustment to the wearer's body under body moving stresses.

2,061,403
DIE
Kasimir Janiszewski, Milwaukee, Wis.
Application January 14, 1935, Serial No. 1,703
12 Claims. (Cl. 164—29)

12. A composite die comprising the combination with a tool steel member in the form of a closed geometric figure with an open center having inner and outer peripheral sides and spaced surfaces adapted for press engagement and work engagement, the latter having a continuous and homogeneous shearing edge along one of said peripheral sides, of a soft steel mounting member peripherally reinforcing the tool steel member along the side opposite said edge, said mounting member also having a press engaged face and an opposite face closely spaced adjacent the plane of said edge, whereby to resist lateral pressures developed in the shearing use thereof.

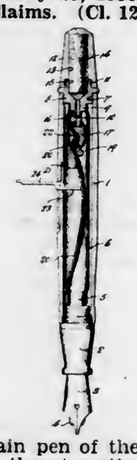


2,061,404
WATER COOLED FURNACE
Howard J. Kerr, Westfield, N. J., assignor, by mesne assignments, to The Babcock & Wilcox Company, Newark, N. J., a corporation of New Jersey
Application September 30, 1925, Serial No. 59,457
Renewed May 10, 1932
8 Claims. (Cl. 122—6)



1. In a boiler, a furnace, water tubes for cooling a part of the furnace wall, metallic blocks along said tubes, said blocks being spaced apart and having overlapping edges to prevent escape of radiant heat, and means for detachably securing each block to a tube independently of the others.

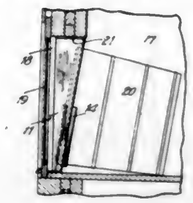
2,061,405
SOLUBLE INK FOUNTAIN PEN
Russell B. Kingman and Ralf L. Hartwell, Orange, N. J.; said Hartwell assignor to said Kingman
Application January 29, 1936, Serial No. 61,283
7 Claims. (Cl. 120—42)



1. In a fountain pen of the kind described, a barrel having a throat section at its lower end to carry a pen nib and feed bar therefor, a soluble ink storage means connected with the upper end of said barrel, a contractible and expansible water reservoir sac communicating at its lower end with said pen nib feed bar, a collapsible bulb having an aperture of relatively small cross sec-

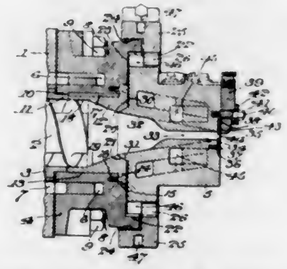
tional area communicating with the interior of said sac, means providing communication between the interior of said bulb and said soluble ink storage means, and manipulatable means for simultaneously contracting said sac and squeezing said bulb for the purposes described.

2,061,406
BUTTER TUB DISPLAY SUPPORT
Charles Raffa, Brooklyn, N. Y.
Application July 20, 1935, Serial No. 32,333
3 Claims. (Cl. 312—116)



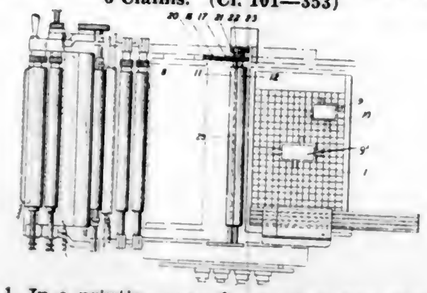
1. A tub display support comprising a flat panel of a size and shape to fit into and close the door opening of a refrigerator compartment, said panel having an opening therein to receive the open end of a tub, end flanges extending angularly and forwardly from said panel, and a bottom flange extending forwardly from said panel and connecting the lower ends of said end flanges.

2,061,407
EXTRUDING MACHINE
Vernon E. Royle, Paterson, N. J.
Application June 26, 1935, Serial No. 28,422
4 Claims. (Cl. 18—12)



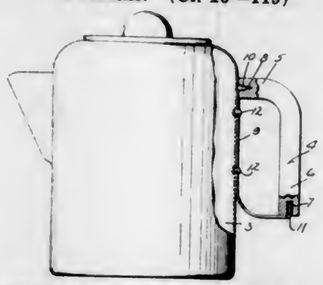
1. In a machine for extruding plastic material, the combination with a cylinder housing a stock screw, of a head comprising a member fixed to the cylinder and having a longitudinal bore for receiving the end of the screw and a movable member hinged to said fixed member and arranged to swing into and out of engagement with the fixed member, said fixed member having an exterior screw threaded surface and an annular recess in its outer face, said movable member being provided with exterior radial projections adapted to be moved into and out of said annular recess in the fixed member, and an axially rotatable means having a screw threaded engagement with the screw threaded surface of the fixed member, said means being provided with interior radial projections arranged to overhang the recess and designed to be brought into and out of engagement with the exterior projections on the movable member for locking and releasing it from the fixed member.

2,061,408
ATTACHMENT FOR OVERSIZE FORMS
George A. Rutkoskie and Nelson S. Welk, Athens, Ohio, assignors to The McBee Company, Athens, Ohio, a corporation of Ohio
Application July 26, 1935, Serial No. 33,199
6 Claims. (Cl. 101—353)



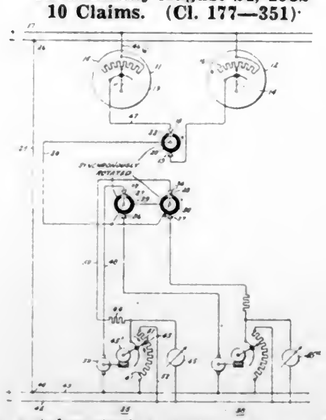
1. In a printing press for printing wax carbon spots on sheets of paper having a frame, an impression cylinder, a form roller on one side of said cylinder, a reciprocating type bed having plates thereon one of which is adjacent the front edge of said type bed and in advance of said form roller when said bed begins its printing stroke, and a rack on said bed; bearing plates secured to the frame on the other side of the impression cylinder, shafts journaled in said bearing plates, a second form roller on one of said shafts adapted to contact both of said plates, a metal vibrator roller on another shaft, said vibrator roller being in contact with said second form roller, a rider roller on another of said shafts which contacts said vibrator roller only, gears actuated by said rack to rotate said vibrator, rider and second form rollers, and means to heat said vibrator roller.

2,061,409
HANDLE MOUNTING FOR KITCHENWARE
Walter Edward Spindler, Manitowoc, Wis., assignor to Aluminum Specialty Company, Manitowoc, Wis., a corporation of Wisconsin
Application December 30, 1935, Serial No. 56,600
2 Claims. (Cl. 16—119)



1. A handle and bracket assembly for a utensil, said assembly including a bracket having a long upright arm provided with means for attaching it to a utensil, and an integral short laterally projecting arm at its bottom, a generally upright handle having a short laterally projecting arm at its upper end, a screw extending through an upper portion of the upright arm of the bracket outwardly and engaged with the end of said short handle arm, and connecting means extending upwardly from the short laterally projecting arm of the bracket and embedded in the lower end portion of the handle, said handle bearing directly upon the short arm of the bracket and being dependent upon said connecting means substantially solely for resistance to lateral displacement upon said short bracket arm.

2,061,410
TELEMETERING AND POSITION-SIGNALING DEVICE AND SYSTEM
Wilhelm Stablein, Berlin-Hermsdorf, Germany, assignor to General Electric Company, a corporation of New York
Application August 8, 1933, Serial No. 684,241
In Germany August 24, 1932
10 Claims. (Cl. 177—351)



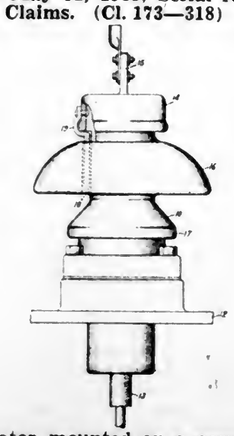
6. In a telemetering system, means for converting into a continuous indication an intermittent current impulse of a magnitude representing an indication to be reproduced comprising in combination with a suitable source of supply, a device for obtaining electric current of adjustable strength from said source, current-responsive means in which said intermittent current and said adjustable current act in opposition during the flow of said intermittent current for adjusting said adjustable current to cause said opposing currents to neutralize, and means responsive to said adjustable current for producing a non-intermittent indication of the magnitude of said intermittent current.

2,061,411
FOLDING OXFORD EYEGLASSES
Vincent Tanasso, Harrison, and Jacob J. Pomeranz, Brooklyn, N. Y.
Application July 24, 1934, Serial No. 736,634
5 Claims. (Cl. 88—44)



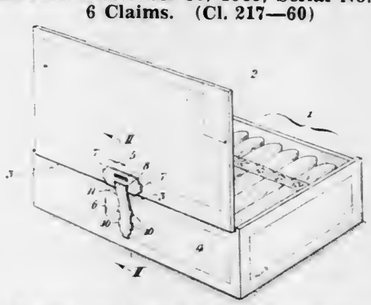
2. In a foldable eyeglass frame, the rims of which are movable to lie one over the other, a handle projecting from the periphery of one rim, a pivoted releasable latch means associated with said handle, latch receiving means on the periphery of the other rim, one rim having spacer means thereon at substantially diametrically opposite points adapted to support and space the superposed rim therefrom, and said first mentioned rim having stop means projecting transversely to the face plane thereof to engage the periphery of the superposed rim at a point substantially opposite its latched engagement with said latch means.

2,061,412
INSULATOR
Edward D. Treanor and Harry M. Acly, Pittsfield, Mass., assignors to General Electric Company, a corporation of New York
Application May 31, 1935, Serial No. 24,166
4 Claims. (Cl. 173—318)



1. An insulator mounted on a grounded support, a conductor carried by said insulator, said insulator having a petticoat with an opening through its base between said conductor and support, and an electrode within said opening to reduce the external breakdown gap between the conductor and ground.

2,061,413
BOX LID HOLDING DEVICE
Frank P. Tropea, St. Louis, Mo.
Application December 30, 1935, Serial No. 56,616
6 Claims. (Cl. 217—60)

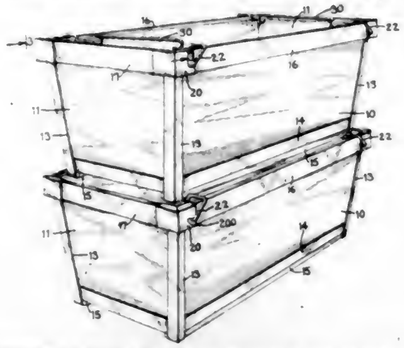


1. A box lid holding device comprising an apertured plate adapted to be secured to the top of the lid at the hinge edge; and a resiliently flexible tongue adapted to be fixed on the back wall of the box with a projection at its free end normally overreaching said plate, so that when the lid is raised, the projection of the flexible tongue will automatically engage an aperture in the plate to yieldingly hold the lid in open position.

2,061,414
NESTING BOX
Nathan Tufts and Edward T. Johnson, Greenfield, Mass., assignors to The New England Box Company, Greenfield, Mass., a corporation of Massachusetts
Application April 15, 1931, Serial No. 530,244
12 Claims. (Cl. 217—13)

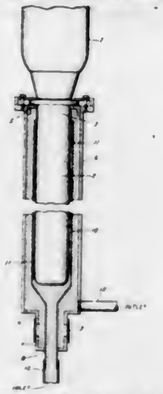
1. In a nesting box having sides, ends and a bottom, a frame surrounding the upper edge of

said sides and ends, and members attached to said frame adjacent the corners, said members being so mounted as to be shiftable into a position within the area of the top of the box and having portions adapted when so shifted to engage the



bottom of a similar box and support the same, and said members being arranged to be shiftable into another position to permit nesting of a similar box and being so shaped as to engage the frame of the nested box when in such other position before the wedged condition is reached.

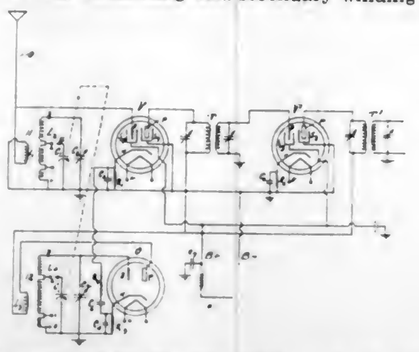
2,061,415
WATER JACKET FOR ELECTRIC DISCHARGE DEVICES
Marcus A. Acheson, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application May 18, 1927, Serial No. 192,429
9 Claims. (Cl. 250—27.5)



1. A cooling container for an electron discharge device comprising a cylindrical outer member having an enlarged opening adapted to receive the anode of an external anode device, an inner partition adapted to be interposed between said anode and said outer member and means on said partition adapted to contact said anode for centering said anode in the container.

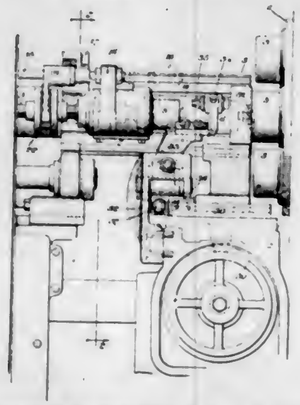
2,061,416
RADIO SYSTEM
Albert F. Blume, New York, N. Y.
Application July 16, 1935, Serial No. 31,583
5 Claims. (Cl. 250—20)

1. In a tuner system for short wave radio apparatus, an antenna, a radio frequency inductance transformer having coupled primary and tuned secondary windings, a multiple grid detector tube including among its elements an anode, a cathode, a control grid, a screen grid and a suppressor grid, the primary winding of said inductance transformer being connected directly to said control grid and to said antenna, means for electrically connecting said secondary winding in



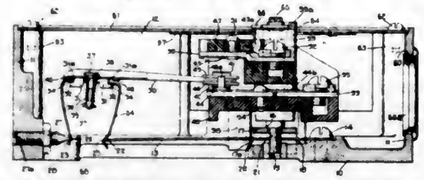
said tuner system without direct electrical connection to said control grid, a source of B plus and B minus potentials, electrical connection between said screen grid and said B minus potential, electrical connection between said anode and said suppressor grid and said B plus potential and means for electrically connecting the elements of said tube in said tuner system.

2,061,417
PICK-UP MECHANISM FOR MULTIPLE SPINDLE SCREW MACHINES
Alfred E. Drissner and Robert Beacom, Cleveland, Ohio, assignors to The National Acme Company, Cleveland, Ohio, a corporation of Ohio
Application September 26, 1935, Serial No. 42,176
25 Claims. (Cl. 29—37)



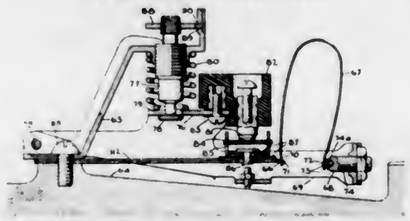
1. An automatic machine having a rotary work spindle, main tool and auxiliary slides having relative longitudinal reciprocating movements, rotatable clamping means carried by the auxiliary slide and rotatable in the same direction and at the same speed as the rotary work spindle, cut-off means and finishing means operative in succession, and means operative by the main tool slide for controlling the clamping of the work by the clamping means carried by the auxiliary slide.

2,061,418
TEMPERATURE CONTROL DEVICE
Wallace J. Ettinger, Chicago, Ill., assignor to Edison General Electric Appliance Company, Chicago, Ill., a corporation of New York
Application May 22, 1934, Serial No. 726,891
4 Claims. (Cl. 200—139)



1. A temperature control device comprising an element arranged to change its position in response to changes in temperature, an elastic member operably associated with said element arranged to cause it to change its position quickly, a control member and connection means between said control member and said elastic member providing for movement of said control member with reference to said elastic member on each of a plurality of substantially parallel axes arranged in a preselected direction, and also on a third axis substantially perpendicular to said parallel axis, said connection means preventing substantial relative movement of said control member to said elastic member on axes arranged in any other than said three axes.

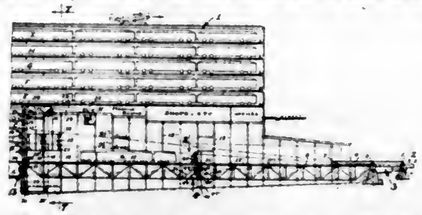
2,061,419
TEMPERATURE CONTROL DEVICE
Wallace J. Ettinger, Chicago, and Nicholas Miller, La Grange, Ill., assignors to Edison General Electric Appliance Company, Chicago, Ill., a corporation of New York
Application December 31, 1934, Serial No. 759,932
8 Claims. (Cl. 200—138)



1. A temperature control device comprising a thermostat, an elastic member arranged to cause said thermostat to move quickly from one position to another, a support for said elastic member, means for varying the position of said support so as to adjust the temperature setting of said device, a stop carried by said support against which said thermostat bears when it has a predetermined temperature condition and means yieldingly holding said support against the force of said thermostat arranged to permit movement of said support by said thermostat when the force exerted by said thermostat on said stop attains a predetermined maximum.

2,061,420
VEHICLE STORAGE STRUCTURE
Ferris Le Roy Francisco, New York, N. Y.
Application August 22, 1933, Serial No. 686,293
11 Claims. (Cl. 214—16.1)

7. A storage structure for railway trains and cars comprising a building having main level tracks running therethru and over which incoming and outgoing trains may run, said building also having several superposed floors provided with relatively long tracks on which trains may be stored, a bridge pivotally mounted at one end on the main level and provided with tracks alined with tracks on the main level and tracks



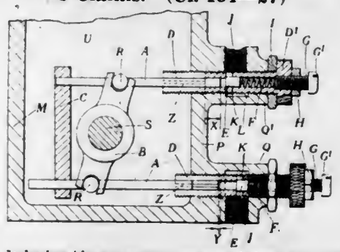
on the floors of the building, and means for raising and lowering the other end of the bridge to bring its tracks into registry with tracks on the floors of the building so that trains may travel thereover into and out of the building from and to the main level.

2,061,421
BUTTON FASTENING DEVICE
Paul Friedrich, Berlin, Germany
Application May 21, 1936, Serial No. 80,930
In Germany August 25, 1934
1 Claim. (Cl. 24—206)



An adjustable fastening for strap shoes comprising a plate intended to be stitched between the upper and the lining of the shoe, and having a longitudinal slot, recesses located at intervals in the said slot for receiving a button secured to the oppositely disposed edge of the shoe, transverse pressed out portions on both sides of the said recesses for the purpose of allowing the well-known cross link with horizontal arms of the button to be inserted into the said pressed out portions, as set forth.

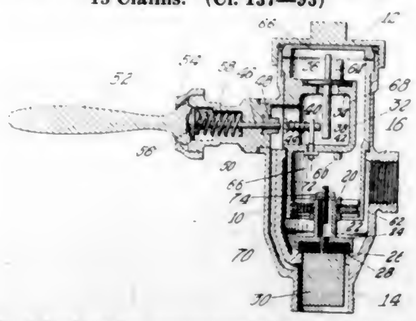
2,061,422
LUBRICATING PUMP
William John Gee, London, England, assignor to The Gee Pump Company, Limited, London, England
Application February 4, 1936, Serial No. 62,316
In Great Britain August 17, 1934
3 Claims. (Cl. 184—27)



1. A lubricating pump comprising an oil reservoir, a pump cylinder extending through a wall of the reservoir, a piston in the inner end of the cylinder within the reservoir, means for imparting a constant stroke to the piston, there being an inlet for admitting liquid to the inner end of the cylinder from the reservoir, there being an outlet port extending through the cylinder, a pis-

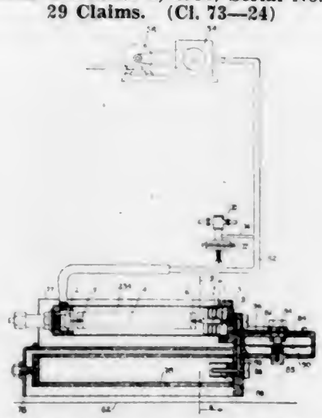
ton valve in the cylinder controlling the outlet port, a spring in the cylinder for moving the valve to its closed position, an adjusting screw in the outer end of the cylinder for adjusting the pressure of the spring for varying the pressure required to open the valve, and means for longitudinally adjusting the cylinder relative to the piston to vary the effective stroke of the piston.

2,061,423
FLUSHING VALVE
Joseph J. Goodrie, Chicago, Ill.
Application February 3, 1934, Serial No. 709,626
15 Claims. (Cl. 137—93)



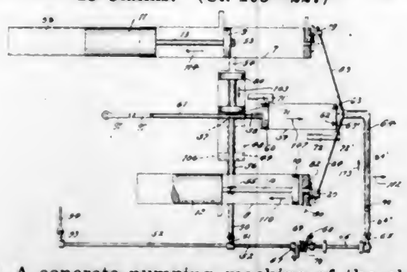
1. A flush valve, comprising a casing having inlet and outlet openings, an operating handle mounted in the casing, a main valve for allowing the flow of water therethrough, and an auxiliary valve associated with the operating handle for initating the operation of the main valve, a positioning member for the movable portions of said valves, said member comprising a cylindrical element bodily removable from the casing, said auxiliary valve comprising a disk, a shaft fitted into the disk and passing therethrough, a seat for the disk in the upper face of said positioning member, and a pair of aligned spring-pressed pins, one operated by the handle and the other mounted in said positioning member to operatively contact the lower end of said valve shaft to tilt said valve in its seat.

2,061,424
HUMIDITY APPARATUS
Ulric O. Hutton, Newcastle, N. Y., assignor to The Cambridge Instrument Company, Inc., Ossining, N. Y., a corporation of New York
Application December 1, 1931, Serial No. 578,329
29 Claims. (Cl. 73—24)



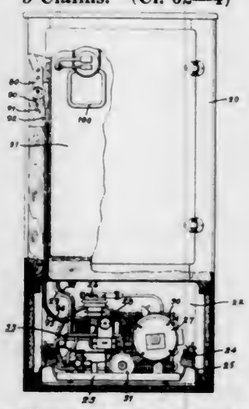
20. Apparatus for determining the moisture content of a medium that comprises a gas-containing chamber into which moisture is adapted to enter from the medium, means tending to exhaust the gas in the chamber, and means comprising a moisture-responsive strip in the chamber for controlling the admission of moisture from the medium into the chamber in a manner to adjust the relative humidity of the gas to a known value.

2,061,425
CONCRETE PUMPING MACHINE
Edward Siegfred Karstens, Davenport, Iowa, assignor of one-fourth to Koehring Company, Milwaukee, Wis., a corporation
Application August 21, 1934, Serial No. 740,829
18 Claims. (Cl. 103—227)



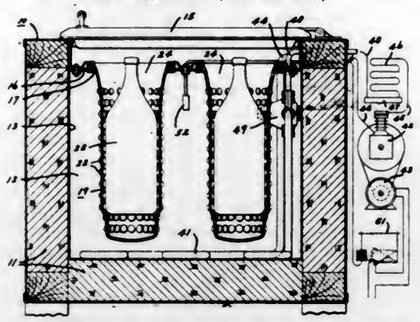
1. A concrete pumping machine of the character described, comprising, in combination, an ejector chamber adapted to contain concrete aggregates, a distributing conduit associated with the ejector chamber and in fixed relation with respect thereto, an open-ended cut-off valve movably mounted relative to the distributing conduit, mechanical instrumentalities for positively moving said cut-off valve into the ejector chamber for receiving through the open end of the cut-off valve and separating and confining a predetermined quantity of concrete aggregates within the cut-off valve, and ejector means for actuating the cut-off valve and forcing said predetermined quantity of concrete aggregates from the ejector compartment into the distributing conduit.

2,061,426
REFRIGERATING APPARATUS
Jesse G. King, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware
Application September 30, 1930, Serial No. 485,366
Renewed October 5, 1935
5 Claims. (Cl. 62—4)



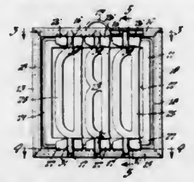
1. Refrigerating apparatus including a refrigerator cabinet, a base resiliently supported by the cabinet, refrigerant supply means supported upon the base, control means for the refrigerant supply means also supported upon the base, and means for modifying the operation of the control means including a rotatable operating handle mounted on a wall of the cabinet, a casing fastened to the control means and extending to a point adjacent said operating handle and a wire enclosed in the casing for connecting the operating handle to the control means.

2,061,427
REFRIGERATING APPARATUS
Jesse G. King, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application August 16, 1935, Serial No. 36,546
10 Claims. (Cl. 62—95)



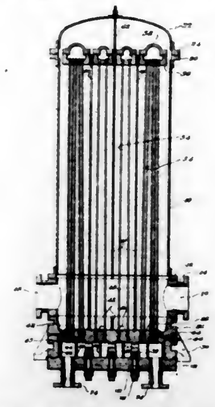
6. A refrigerating apparatus comprising in combination, a cabinet, means within said cabinet forming a chamber adapted to contain a body of liquid, means for cooling the body of liquid, means forming a dry compartment below the level of the body of liquid in said chamber, and said last named means including flexible walls adapted to be expanded by the insertion of a receptacle into said compartment.

2,061,428
MONOGRAM UNIT
Julius H. Kraemer, Arlington, R. I., assignor to Brier Manufacturing Company, Providence, R. I., a corporation of Rhode Island
Application October 29, 1935, Serial No. 47,293
10 Claims. (Cl. 40—140)



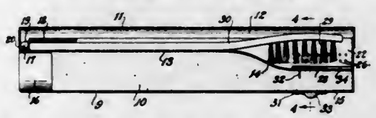
1. An article of the type indicated comprising a frame having an opening therein, character elements in the opening having end portions abutting the side of the frame, means on said frame engaging the opposite sides of the end portions of the elements to hold the latter in the frame, said holding means yielding in a direction longitudinally of the elements to permit the ends of the latter to be snapped into the frame, and interlocking parts on said holding means and end portions of said elements to restrain the latter against movement longitudinally of the frame.

2,061,429
HEAT EXCHANGE APPARATUS
Charles H. Leach, Roselle, N. J.
Application April 13, 1932, Serial No. 605,011
Renewed October 18, 1935
8 Claims. (Cl. 257—223)



1. Heat exchange apparatus comprising a ring, a flat tube plate of substantial thickness welded to the ring, and a test opening extending transversely of the ring to the meeting faces of the ring and tube plate, the test opening serving as an indication of leakage through the joint between the tube plate and ring.

2,061,430
TOOTH BRUSH AND POWDER CONTAINER
Robert E. Ley, Dover, Ohio
Application January 11, 1936, Serial No. 58,721
11 Claims. (Cl. 132—84)

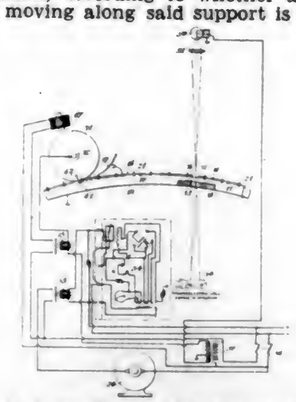


1. A combined tooth brush and powder container including walls forming a brush compartment adapted for detachably containing a standard tooth brush having a handle, and a tooth powder compartment coextensive therewith, a wall of the brush compartment being hinged to the container to provide a cover for said brush compartment, a longitudinal partition wall between the compartments having an opening adjacent one end of the brush compartment, and movable means normally closing said opening.

2,061,431
SEWING MACHINE CONTROL MECHANISM
Marvin W. McCulloh, Biltmore, N. C., assignor to Sayles Biltmore Bleacheries, Inc., Biltmore, N. C., a corporation of Rhode Island
Application August 30, 1935, Serial No. 38,642
4 Claims. (Cl. 112—219)

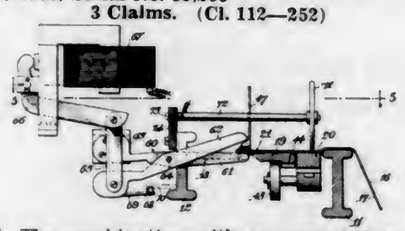
1. The combination with a sewing machine, driving means to drive said machine and a pin wheel feeder, of a material support having a light aperture therethrough, means to project a beam of light through said aperture, a light sensitive cell at one side of said support in operative relation to said light aperture and the light, power means for actuating said driving means, and means actuated by said cell for controlling said

power means, according to whether a piece of material moving along said support is obstruct-



ing or not obstructing said aperture and while the material is being sewed by said machine.

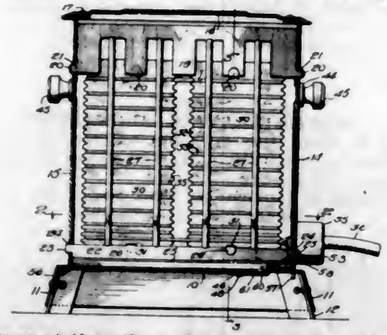
2,061,432
SEWING MACHINE WITH AUTOMATIC THREAD CUTTER
Marvin W. McCulloh, Biltmore, N. C., assignor to Sayles Biltmore Bleacheries, Inc., Biltmore, N. C., a corporation of Rhode Island
Original application August 30, 1935, Serial No. 38,642. Divided and this application January 9, 1936, Serial No. 58,266
3 Claims. (Cl. 112—252)



1. The combination with an overseam sewing machine provided with a pin wheel cloth feeder operating in a vertical plane for sewing a series of spaced pieces of cloth together with a continuous seam, of a pair of scissors positioned adjacent the highest point of said pin wheel feeder and operating in a vertical plane, said scissors extending across said seam and having one part stationary and the other part movable, an electric switch arranged so that the respective terminals thereof are normally separated by said pieces of cloth until the pieces of cloth are moved sufficiently to cause the space therebetween to be positioned opposite said switch whereupon said switch will automatically close, an electromagnet connected with the movable part of said scissors for moving the same to a closed position for cutting said seam at the space between the respective pieces of cloth, and a circuit for said electro-magnet including said electric switch.

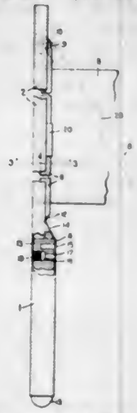
2,061,433
ELECTRIC TOASTER
Joseph Murasco, Sandusky, Ohio, assignor, by mesne assignments, to Weinig Made-Rite Company, Cleveland, Ohio, a corporation of Ohio
Application July 28, 1933, Serial No. 682,679
13 Claims. (Cl. 53—5)

1. A toasting device comprising a base having a horizontal top provided in opposite edge portions with openings, an upper toasting structure including a pair of end members one of which is provided with depending lips engageable in the openings at one edge portion of the base and a portion lying flat against the top of said base, the other end member being provided with lips extending downwardly and then away from the first named end member and engageable in the



openings at the other edge portion of said base, and a locking lever horizontally arranged beneath said base and pivotally connected thereto at one end, said base being provided with a slot remote from the pivot of said lever, said lever being provided with an integral vertically offset locking lip projecting upwardly through said slot and engageable with said portion of the first named end member.

2,061,434
HOLDER FOR NEWSPAPERS OR THE LIKE
Forrest F. Murray, Cambridge, Mass.
Application June 4, 1935, Serial No. 24,891
8 Claims. (Cl. 129—36)



1. A holder for newspapers or the like comprising a trough-shaped metal support having an inturned edge, a V-shaped bar having a wedging fit in the said support and acting when in position therein to clamp the margin of the paper between one of its side faces and the inturned edge of the support and means at each end of the holder for securing the bar to the support in clamping position.

2,061,435
SHOULDER ADJUSTMENT
Sybil K. Neldecker, New York, N. Y.
Application December 31, 1935, Serial No. 56,895
5 Claims. (Cl. 2—268)

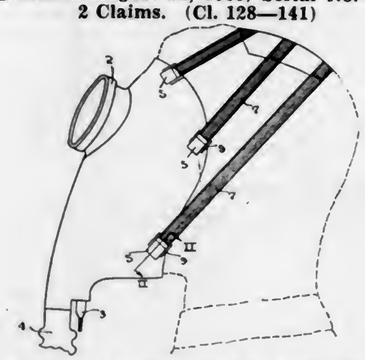
1. The combination with a garment; of a pad

adjusted in each shoulder of said garment, said pad being substantially segment shaped, the outer edge being substantially straight and bent over the shoulder of the wearer and extending slightly beyond the shoulder seam of the garment, whereby a graceful shoulder appearance is effected, the inner edge being curved, whereby



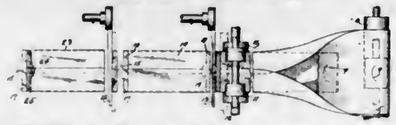
said pad is made to fit snugly in the hollow of the shoulder of the wearer, the points of said pad fitting snugly adjacent the hollow of the arm at the front and rear, respectively, said outer edge only being fastened adjacent the shoulder seam of said garment, the inner curved edge being substantially free.

2,061,436
GAS MASK CONSTRUCTION
Thomas A. O'Leary, Pittsburgh, Pa.
Application August 24, 1935, Serial No. 37,660
2 Claims. (Cl. 128—141)



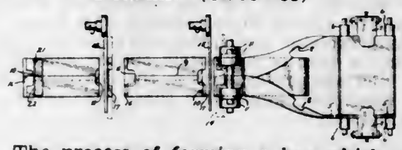
1. A gas mask comprising a body portion of soft molded rubber provided at its edges with integral spaced lugs which project outwardly a substantial distance from the plane of the body portion and taper in thickness from their bases to their outer ends, and holding straps attached to the outer ends of the lugs extending across the sheet edges spaced outwardly therefrom and adapted to cause the edge of the mask to bend inwardly when tension is applied thereto.

2,061,437
PROCESS OF MAKING BAGS
Adolph Potdevin, Garden City, N. Y., assignor to Potdevin Machine Company, Brooklyn, N. Y., a corporation of New York
Application December 15, 1932, Serial No. 647,298
2 Claims. (Cl. 93—35)



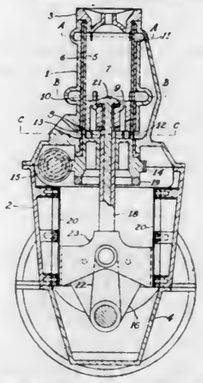
1. In the making of bags, the method which comprises continuously advancing the bag material in the form of tubing with arcuate slits spaced at regular intervals lengthwise of the tubing in one wall thereof, severing the tubing into bag lengths in predetermined relation to said slits to provide one wall of the leading end of the bag length with a tab-carrying projecting flap, and the trailing end of said wall with a complementary thumb notch, and to provide the trailing end of the opposite wall of the bag length with a flap extending the width of the bag length and projecting beyond the thumb-notched wall, trimming the trailing end of the bag length back of the flap so as to remove the flap and trim the trailing end of both walls of the bag length, so that the edges of this end of the bag length are smooth and unserrated, and then folding over the tab-carrying flap at the leading end of the bag length to bottom the bag.

2,061,438
PROCESS OF MAKING BAGS
Adolph Potdevin, Garden City, N. Y., assignor to Potdevin Machine Company, Brooklyn, N. Y., a corporation of New York
Application May 20, 1935, Serial No. 22,338
4 Claims. (Cl. 93—35)



1. The process of forming a bag which consists in making non-rectilinear cuts in a web, folding the web into a bag tube so that said cuts are central of the seam wall thereof, severing the other wall of the tube from side to side, severing the seam wall along a line which meets the outer ends of the said non-rectilinear cuts to provide a bag length with a thumb notch in one wall at each end, the other wall projecting beyond the notched wall, and subsequently severing the top of the bag length including both walls along a line within the top of the shorter bag wall and then bottoming.

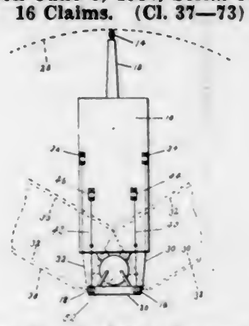
2,061,439
TWO-CYCLE ENGINE
Calvin D. Quantz, Detroit, Mich.
Application March 20, 1936, Serial No. 69,968
1 Claim. (Cl. 123—74)



In the combination of a two-cycle engine, a crank case, a cylinder block mounted on the crank case, a rotary sleeve valve operating with-

in said cylinder block, said sleeve valve consisting of a pair of cylinder sleeves, one sleeve being stationary, the other revolving within the stationary sleeve, said revolving sleeve having an inclosed base except for a hole for the insertion of the connecting rod, a vertically reciprocating connecting rod passing through said hole, said hole being air tight when the said connecting rod is inserted therein, thus preventing fuel leakage from the charging chamber, a piston fastened to the connecting rod, said piston operating within the revolving cylinder sleeve, said piston in the cylinder forming two chambers therein, a combustion chamber above said piston, a charging chamber below, the charging chamber formed between the piston and the inclosed base of the revolving sleeve, annular slots in the upper end of said sleeve to control the inlet ports of combustion chamber, annular slots in said sleeve at the lower end of the combustion chamber to control the exhaust ports for said chamber, the slots of the revolving sleeve for the charging chamber being annularly spaced to correspond with said inlet and exhaust ports of the combustion chamber, said slots serving a dual purpose by controlling inlet and outlet ports in the charging chamber, said stationary sleeve having the inlet and exhaust slots for the combustion chamber annularly spaced to correspond with those slots of said revolving sleeve, the said stationary sleeve having a pair of oppositely spaced slots forming inlet and outlet ports in the charging chamber when coinciding with those slots of the revolving sleeve.

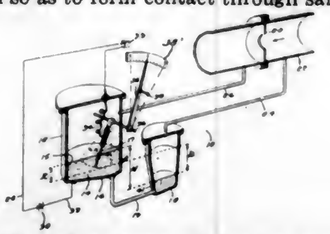
2,061,440
HYDRAULIC DREDGE SWINGER
Fred Schaefer, Hammond, Ind.
Application June 8, 1932, Serial No. 615,999
16 Claims. (Cl. 37—73)



1. In a suction dredge, a framework pivotally mounted on the stern and extending rearwardly thereof, a plurality of spuds positioned therein and serving to advance the dredge by a series of swinging movements, the alignment of said spuds being at right angles to the longitudinal axis of the dredge, and means for swinging the dredge in an arc in front of the framework.

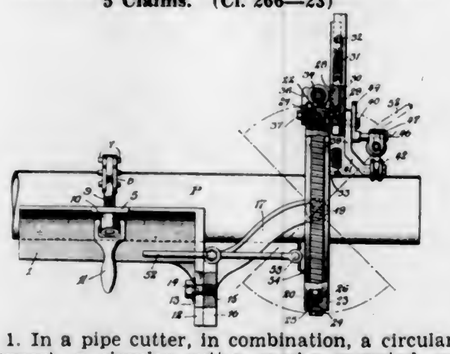
2,061,441
METHOD OF AND APPARATUS FOR TELEMETERING
Ed S. Smith, Jr., Providence, R. I., assignor to Builders Iron Foundry, Providence, R. I., a corporation of Rhode Island
Application June 11, 1931, Serial No. 543,614
36 Claims. (Cl. 177—351)

1. In a meter for electrically indicating the square root of a quantity, in combination, a contact line displaceable substantially proportionately to said quantity, an electric circuit connected with said contact line, contact indicating means connected with said circuit, and a contact former connected with said circuit and pivotally mounted so as to form contact through said con-



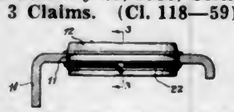
tact line through an angle of pivoting movement thereof, the versed sine of which is proportional to the displacement of said contact line, whereby said electrically indicated angle of contact may be substantially proportional to the square root of said quantity.

2,061,442
PIPE CUTTER
Earl G. Summers, Clendenin, W. Va.
Application June 21, 1935, Serial No. 27,785
5 Claims. (Cl. 266—23)



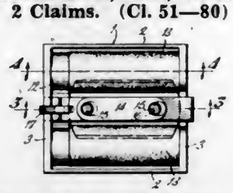
1. In a pipe cutter, in combination, a circular support, a circular cutter carrier mounted on said support and arranged to turn thereon to carry the cutting tool about the pipe to be cut, said support and cutter carrier being adjustable about diametrically opposite points on a plane cutting the longitudinal axis of the pipe to be cut, means to hold the support and cutter carrier in adjusted position, means to revolve the cutter carrier about the pipe to be cut, and means to yieldingly move the cutter toward the pipe to be cut, stops to limit the movement of the cutter towards the surface of the pipe and means to adjust the cutter with relation to said stops.

2,061,443
SPINNING RING AND SECURING DEVICE THEREFOR
George West, Whitinsville, Mass., assignor to Whitin Machine Works, Whitinsville, Mass., a corporation of Massachusetts
Application January 29, 1936, Serial No. 61,343
3 Claims. (Cl. 118—59)



1. In a spinning frame, a sheet metal ring rail having a series of circular openings having straight side walls, a spinning ring for each opening having a cylindrical outer surface associated therewith and having an external supporting shoulder above said cylindrical surface, and a locking ring for each spinning ring comprising a resilient open wire circle, the cylindrical outer surface associated with said spinning ring having an annular groove for said locking ring, and the lower edge of said groove being at a slightly less distance from the bottom of said ring rail than the diameter of the wire forming said locking ring, whereby said spinning ring is tightly held from upward movement in said ring rail but said locking ring is not seated in said groove.

2,061,444
RAZOR BLADE RECONDITIONING DEVICE
Charles L. Willcox, Atlanta, Ga.
Application March 21, 1935, Serial No. 12,219
2 Claims. (Cl. 51—80)



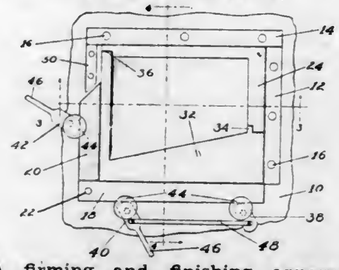
1. In a device for reconditioning razor blades, a frame, a pair of abrading rolls relatively in spaced parallelism journalled in said frame for a limited arc of rotation in alternate directions and having portions of its peripheral surfaces exposed to opposite open sides of the frame, a blade holding support bridging said frame between the abrading rolls, rigidly supporting a double edge blade under a bowed stress, with its opposite cutting edges in bearing contact respectively against the peripheries of said rolls, the roller surfaces exposed to one open side of said frame, tractively engageable with a surface for roll rotation upon reciprocation of the frame, whereby a surface of the rolls is translated in alternate directions, each respectively across a relative cutting edge of the blade to recondition the same.

2,061,445
SAFETY RAZOR
Charles L. Willcox, Atlanta, Ga.
Application March 21, 1935, Serial No. 12,220
1 Claim. (Cl. 30—65)



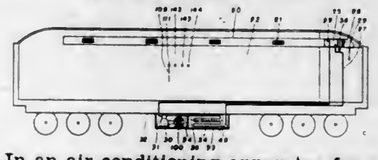
A safety razor comprising a holder, the holder constituting a handle and guard plate, the guard plate extending centrally transversely of one end of the handle and concaved longitudinally, a pair of opposing clamping plates, as an outer and inner, interveningly clamping a razor blade therebetween and in longitudinal registration with the guard plate, a razor blade removably disposed between said clamping plates, a spring plate longitudinally interposed between said clamping plates as a unit and concaved side of said guard plate, the inner of said clamping plates having a pair of aligned studs extending laterally from one side thereof, respectively projecting through apertures in said blade and outer clamping plate, and a central longitudinal rib and pair of aligned studs extending from its opposite side, the rib in contact with the spring and the studs engaging respectively through apertures in said spring and guard plate, and means carried by the handle connecting with one of the clamping plates for urging said clamping plates, razor blade and spring plate unitarily toward the guard plate for rigidly binding the parts together and for regulating the spacing between the cutting edges of the razor blade and guarding edges of the guard plate, and for automatically opening and closing the clamping elements for the reception or removal of the blade.

2,061,446
APPARATUS FOR FIRMING AND FINISHING LEATHER
Earle Wilson, Chicago, Ill., assignor to The American Oak Leather Co., Cincinnati, Ohio, a corporation of Ohio
Application May 17, 1935, Serial No. 22,026
3 Claims. (Cl. 69—1)



1. A firming and finishing apparatus for leather, comprising a smooth-faced bed-plate, a set of dies removably and slidably mounted on the bed-plate, and a leather finishing element reciprocatively mounted above the bed-plate and the dies, together with lateral supports for the die members, certain of said supports being fixed on the bed-plate and others being movably mounted on the plate, a wedge on the plate cooperating with the die support, and manually-operated cams for shifting the movable supports into desired operating position.

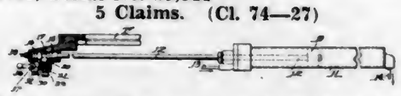
2,061,447
AIR CONDITIONING APPARATUS
Reuben H. Anderegg, La Crosse, Wis., assignor to The Trane Company, La Crosse, Wis.
Application September 23, 1935, Serial No. 41,767
10 Claims. (Cl. 62—117)



1. In an air conditioning apparatus for a railway car, the combination of a heat exchange cycle, with the evaporator side of said cycle situated within the car to condition the air therein, a compressor in said cycle delivering gas under pressure to the condenser side of said cycle, housed within a compartment beneath said car, said compartment having a water chamber, an

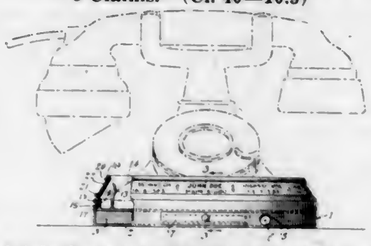
air inlet, a removable filter in said air inlet, an air outlet and means to draw air from said inlet to outlet, a condenser coil interposed in said condenser side and in the path of said air, sprays positioned between said air inlet and said condenser coil, conduits connecting said sprays with the bottom of said water chamber, a pump in one of said conduits, a pressure switch in said conduit controlling the operation of said compressor, means to draw air from said inlet through said sprays and coil to said outlet.

2,061,448
WORK TABLE AND FEEDING MECHANISM THEREFOR
John Bath and Stanley W. Bath, Shrewsbury, Mass., assignors to John Bath & Company, Worcester, Mass., a corporation of Massachusetts
Original application March 6, 1933, Serial No. 659,704. Divided and this application July 5, 1935, Serial No. 29,844
5 Claims. (Cl. 74—27)



1. In a grinding machine, a work table, hydraulic table-moving mechanism including a cylinder, a piston and a piston rod, a quickly detachable connection between said rod and table, and manual means to move said table, said connection always securing said rod in the same longitudinal relation to said table and comprising cooperating self-engaging and self-locking elements on said table and rod.

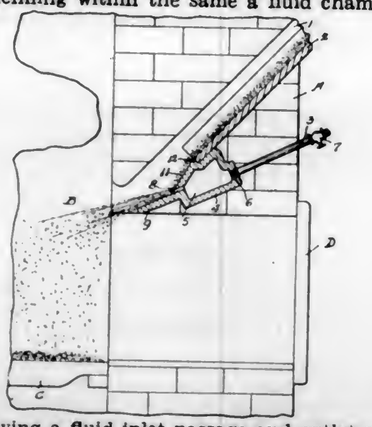
2,061,449
TELEPHONE STAND HOLDER
Paul E. Bauer, Westbury, N. Y.
Application August 6, 1935, Serial No. 35,004
9 Claims. (Cl. 40—10.5)



2. A telephone stand holder adapted to receive and support a telephone, comprising a circular body for receiving the base of a telephone, a plurality of resilient fingers carried by said body for resiliently and removably clamping said base on said body, and a rotatable article carrier supported by said body and extending substantially around the periphery thereof, said carrier having inturned facing flanges for producing facing grooves adapted to receive a band of paper or the like.

2,061,450
STOKER
Otto E. Bornhauser, Sandusky, Ohio, assignor to The Her-Born Engineering and Manufacturing Company, Sandusky, Ohio, a corporation
Application July 17, 1933, Serial No. 680,854
1 Claim. (Cl. 110—104)

In a stoking device of the class described, a unitary fuel guide and distributor comprising a hollow body, the upper surface of which presents an inclined fuel receiving and guiding area of substantial extent and over which fuel deposited thereon directly passes by the action of gravity, said upper surface being provided with a fuel chute receiving recess having a forward wall constituting an abutment shoulder for engagement with the rear end of the chute to support the latter, and a bottom wall defining the angle of disposition of the fuel chute in its cooperation with the guide and distributor unit in directing fuel to the latter by gravity, said hollow body defining within the same a fluid chamber,



and having a fluid inlet passage and outlet passages communicating with said chamber, said outlet passages extending through the walls of said body adjacent the lower portion of the fuel receiving and guiding area aforesaid, said body being further provided with an integral plate extending rearward therefrom and having a surface of substantial area serving to receive fuel from said aforementioned inclined surface in advance of said fluid outlet ports and from which latter surface fuel deposited thereon is discharged into the combustion chamber of a furnace by a fluid medium directed into the fluid chamber under pressure.

2,061,451
AGE RESISTER
Albert M. Clifford, Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 27, 1935, Serial No. 33,564
12 Claims. (Cl. 18—50)

1. The method of improving the age-resisting properties of rubber which comprises treating the same with a complex reaction product of wood creosote and a primary aromatic amine.

2,061,452
VARIABLE VOLTAGE TRANSFORMER
James A. Comstock and Vernon H. Dyer, Cleveland, Ohio, assignors to The Acme Electric & Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application September 11, 1935, Serial No. 40,123
13 Claims. (Cl. 171—119)

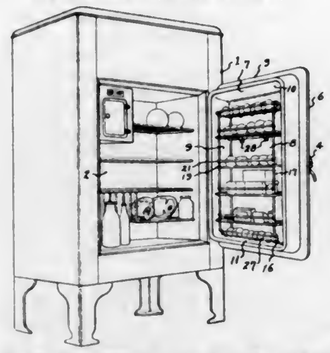
1. A variable voltage transformer comprising, in combination, magnetic core means, a winding having two portions connected in series mounted upon the magnetic core means, supply conductors connected to and adapted to energize the said winding, two spaced output means, selectable

switch means for connecting one of the said spaced output means to either end of said winding, movable contacting means adapted to en-



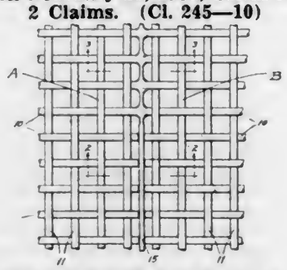
gage electrically one portion of said winding, and means for connecting the movable contacting means to the other of said spaced output means.

2,061,453
SHELF UNIT FOR REFRIGERATOR DOORS
Powel Crosley, Jr., and Edward Austin, Cincinnati, Ohio, assignors to The Crosley Radio Corporation, Cincinnati, Ohio, a corporation of Ohio
Continuation of application Serial No. 668,091, April 26, 1933. This application April 5, 1935, Serial No. 14,892
11 Claims. (Cl. 312—173)



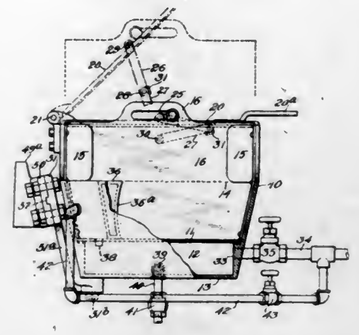
1. A shelf structure made up of a vertical series of transverse wires or rods, each in the form of a closed loop lying in a plane transverse to the structure, upright wires or rods fixed to said transverse wires or rods, inside of and spaced in from the ends of the loops, and intermediate transverse wires or rods fixed to end portions of the loops.

2,061,454
JOINT FOR WIRE FABRIC
Fred Crossman, Shaker Heights, Ohio, assignor to The Lindsay Wire Weaving Company, Cleveland, Ohio, a corporation of Ohio
Application February 15, 1934, Serial No. 711,346
2 Claims. (Cl. 245—10)



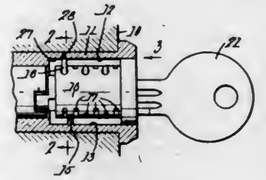
1. A joint for a woven wire fabric having warp wires and weft wires, comprising a relatively thin flat ribbon of non-fusible metal disposed between the ends of the fabric, and means for joining the ribbon to the warp wires on each side of the joint, said means comprising a layer of fusible metal which embraces one edge and two opposite sides of the ribbon, and the ribbon being substantially equally spaced from the adjacent weft wires on each side thereof.

2,061,455
MACHINE FOR CONDITIONING SHOE BOTTOM FILLERS
Charles F. Eaton, West Newbury, Mass., assignor, by mesne assignments, of one-half to North American Holding Corporation, Syracuse, N. Y., a corporation of New York, and one-half to Parshad Holding Corporation, Syracuse, N. Y., a corporation of New York
Application May 10, 1935, Serial No. 20,881
17 Claims. (Cl. 18—1)



1. A machine for conditioning shoe bottom filler comprising a vessel having a supply compartment and a work compartment, a vertically movable gate separating said two compartments, a cover hinged to the vessel for closing the supply compartment, the axis of the hinge being perpendicular to the plane of the gate, and means connecting the gate to the cover adapted to cause the gate to open and close when the cover is opened and closed.

2,061,456
REMOVABLE PLUG LOCK
Morris Falk, Fitchburg, Mass.
Application November 30, 1931, Serial No. 578,061
7 Claims. (Cl. 70—46)

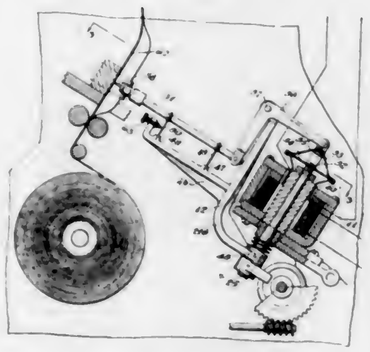


2. As an article of manufacture, a cylinder lock having a cylinder and a plug in said cylinder, the cylinder having an interior slot from one end

to the other, an interior slot having a terminal wall at the extreme inner end on the opposite side of the cylinder, the plug having the usual locking discs and an additional disc projecting normally beyond the edges of said first slot so that the plug cannot be withdrawn, and means whereby said disc can be retracted enough by an implement inserted through the keyhole to pass into the first slot and allow the plug to be removed when the plug is in unlocked position, the said disc in its retracted position projecting beyond the surface of the plug to prevent removal of the plug by engagement of said additional disc with said wall in the locked position of the plug.

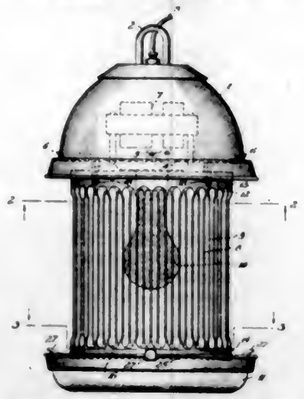
4. In a lock, the combination of a casing having a bore extending longitudinally therethrough and provided with a shoulder at the inner end of the bore, a cylindrical plug insertable endwise into and rotatable in the bore of the casing, key-operable tumblers mounted in and movable transversely of the plug and adapted to lock the plug against rotation in the casing, said casing having a longitudinal groove along the bore for receiving the ends of the tumblers when the plug is in its locked position, and a second longitudinal groove along the bore for receiving the ends of the tumblers when the plug is in its unlocked position, the front end of said second groove being open, and a device mounted movably in the inner end of the plug and provided with a part for engaging the shoulder and holding the plug against axial displacement in the casing, said shoulder having a notch therein communicating with the inner end of the second groove and adapted, when the device is shifted partially into the plug and the plug is in its unlocked position, to permit the holding part to pass therethrough so as to release the plug for withdrawal from the casing.

2,061,457
IMAGE BROADCASTING SYSTEM
William G. H. Finch, New York, N. Y.
Application December 24, 1934, Serial No. 759,011
12 Claims. (Cl. 178—5)



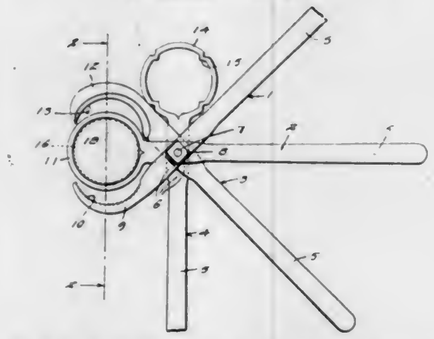
1. In a picture transmitting system; a receiver comprising a pivoted scanner arm; a pointer mounted thereon; a heater coil surrounding said pointer and having circuit connections carried on said scanner arm; a rocking arm on which said scanner arm is mounted; a cam follower secured to said rocking arm; a cam with which said cam follower is held in engagement; a source of power for driving said cam; a record sheet on which a record is to be made; a platen for said paper; and circuit connections to said platen.

2,061,458
INSECT EXTERMINATING DEVICE
William F. Folmer and Harrison L. Chapin, Rochester, N. Y., assignors, by mesne assignments, to Joseph K. Davidson, Rochester, N. Y.
Application May 9, 1933, Serial No. 670,142
3 Claims. (Cl. 43—112)



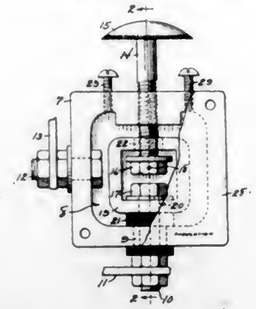
1. In an insect electrocuting device, the combination with an insulated support, of a pair of concentric relatively spaced cylinders hung therefrom having a series of long parallel openings therein at equally spaced intervals to provide intervening integral wires, those of each cylinder being offset toward the other so that the wires at the offsets alternate to form a concentric third cylinder, the first named cylinders being separated at the bottom by an uninterrupted annular air space and high tension positive and negative electrical connections for the respective cylinders.

2,061,459
BOTTLE OPENING TOOL
Samuel G. Forman, Sr., and Samuel G. Forman, Jr., Hightstown, N. J.
Application March 24, 1936, Serial No. 70,688
3 Claims. (Cl. 30—3)



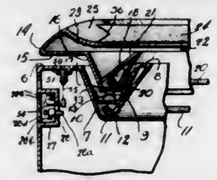
3. A tool of the character described, comprising an annulus adapted to encircle a bottle cap, a handle integral with and extending radially from the annulus, a pivot member carried by the handle adjacent to the annulus, an arcuate body having an inner edge conforming in contour to the inside curvature of the annulus, said arcuate member merging at one end into a straight handle which is disposed in a parallel plane with the handle of the annulus and which has an aperture to receive said pivot member whereby the two handles may be oscillated relatively into a parallel relation, the inner edge of said arcuate member being formed for the performance of a desired working action upon a bottle cap disposed within the annulus.

2,061,460
SAFETY SWITCH
Paul Freysinger and Forrest L. Nesmith, Lemoyne, Pa.
Application July 2, 1934, Serial No. 733,495
Renewed June 26, 1936
1 Claim. (Cl. 200—158)



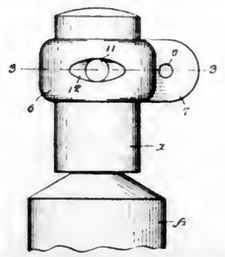
In a switch of the kind described, spaced inner and outer four-walled frames open at opposite sides, removable closure plates for said open sides, a terminal connection with the inner frame and insulated from the outer frame for having the inner frame serve as a fixed contact, a terminal connection with the outer frame, a switch stem adjustably threaded in the outer frame and cleared from the inner frame, and a contact within the inner frame and movable with the stem for engaging the fixed contact formed by the inner frame to close an electric circuit between said terminals.

2,061,461
BURIAL CASKET
William J. Gouhin, Ashtabula, Ohio
Application June 18, 1935, Serial No. 27,268
2 Claims. (Cl. 27—17)



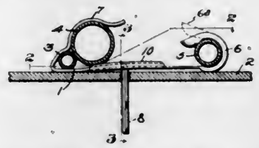
1. A sealing joint for a burial receptacle wherein the latter includes two interfitting parts of tongue and groove configuration, the tongue and groove portions having chambers, a fusible sealing material disposed in the groove and adapted to contact both tongue and groove with the latter in assembled condition, and a heating element disposed in each of said chambers and thereby spaced from said fusible sealing material whereby the material forming both tongue and groove is adapted to have heat applied thereto upon energization of said heating elements thereby insuring of heat transmission to said fusible sealing material from a plurality of directions to provide an effective simultaneous union of said fusible sealing material to both tongue and groove.

2,061,462
HANDY TOP FOR CONTAINERS
Frederick C. Groman, Dodge City, Kans.
Application November 27, 1935, Serial No. 51,893
2 Claims. (Cl. 221—60)



1. A dispensing device for containers, comprising a body having an annular groove therein, an outlet means opening into the groove, means for detachably connecting the body to a container with the outlet means in communication therewith, valve means formed from a single strip of material and including a ring portion mounted for rotation in the groove, said ring portion having an opening therein to register with the outlet means, sealing means for the outlet means and carried by the ring portion, means to limit the rotation of the ring portion and fingers formed on the ends of and extending outwardly from the ring portion, said fingers being fixed together in face to face contact for securing the ring portion in the groove and for providing a handle for rotating the same.

2,061,463
CLIP MEMBER
Charles L. Hall, Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts
Application January 2, 1935, Serial No. 128
2 Claims. (Cl. 248—73)



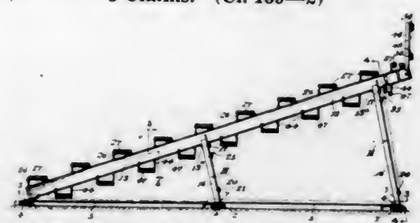
1. The combination with an apertured supporting member of a plurality of wires and the like to be detachably secured to said support, a sheet metal snap fastener member having yieldable projections engaging the sides of the aperture in said supporting member, said fastener having a clip-like base securing one or more of said wires and the like to said support, and an auxiliary clip member of relatively soft bendable material having a wire-receiving bent portion at one end, the other end of said clip being located between the head of said fastener member and said supporting member, said clip having an aperture for the passage of the yieldable projections of said fastener member, said fastener member thereby securing said clip to said support and the bent end of said clip being further curved around said wire whereby said wire is secured to said supporting member.

2,061,464
VIOLIN HOLDER
Rudolf Heimers, Tacubaya, D. F., Mexico
Application February 8, 1934, Serial No. 710,357
In Germany February 11, 1933
7 Claims. (Cl. 84—280)



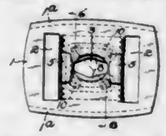
1. A violin holder, comprising a plate shaped to conform to the rear edge of a violin and having inturned guide flanges on opposite edges thereof, means to secure said plate on said rear edge, a casing slidably mounted by said flanges, a chin rest, and means mounting said chin rest on said casing, said means being adjustable.

2,061,465
PORTABLE BLEACHER
Philip W. Hussey, North Berwick, Maine
Application August 17, 1933, Serial No. 685,607
3 Claims. (Cl. 189—2)



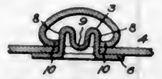
1. A structure of the class described comprising a plurality of substantially parallel sleepers, securing straps carried by said sleepers, means for anchoring said sleepers in substantial parallel spaced relation, said means comprising a forward tie rod having means at its opposite ends for detachably securing the forward tie rod in engagement with two spaced sleepers, diverging tie rods pivotally mounted at their converging ends to one end of said first mentioned tie rod and being secured at their opposite ends in spaced diverging relation to an additional spaced sleeper.

2,061,466
SLIDE FASTENER SOCKET
Gustav Johnson, West Roxbury, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts
Application June 22, 1934, Serial No. 731,931
5 Claims. (Cl. 24—77)



1. A slide fastener socket having a spring-holding casing provided with strap-receiving slots at opposite ends, said casing having a stud-receiving aperture between said slots and having narrowing elongations extending toward each of said slots thereby to provide narrowing elongations at opposite ends of said aperture for receiving and engaging a stud when said stud is moved laterally relative to the median of said aperture, a spring assembled in said casing and having at least one yieldable jaw extending in the direction of elongation and intersecting said aperture entirely along one side.

2,061,467
FASTENER SECURED INSTALLATIONS AND FASTENERS FOR THE SAME
Arthur W. Kimbell, Newton Center, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts
Application February 27, 1935, Serial No. 8,542
1 Claim. (Cl. 85—40)



A rivet-like fastener member for attaching moldings and the like to a support, said fastener member being formed from a single piece of sheet metal and having a base, a rectangular-shaped hollow expansible attaching portion extending from said base and having a fold extending from the bottom thereof toward said base, two opposed sides of said attaching portion and portions of said base adjacent thereto being open to provide freedom for expansion of the attaching portion when said fold is pressed in a direction away from said base, and said base being continuous adjacent to its periphery to maintain in position the flat side walls of said attaching portion during expansion of the fold of the bottom of said attaching portion as and for the purposes illustrated and described.

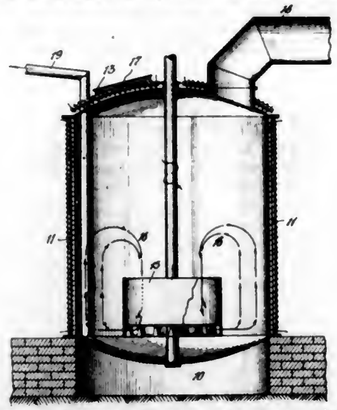
2,061,468
SOAP PREPARATION
Walter Kling, Chemnitz, Germany, assignor to H. Th. Bohme Aktiengesellschaft, Chemnitz, Germany, a corporation of Germany
No Drawing. Application May 31, 1932, Serial No. 614,628. In Germany June 12, 1931
2 Claims. (Cl. 87—5)

1. A bath soap composition adapted to produce a non-alkaline solution upon hydrolysis in water, which comprises an alkali metal salt of a sulphuric acid ester of a higher aliphatic alcohol having from 12 to 18 carbon atoms and about 10% by weight of a superfatting agent selected from the group consisting of lanolin, wool fat and higher aliphatic alcohols having more than eight carbon atoms.

2,061,469
PROCESS FOR MELTING AND TREATING ORGANIC SUBSTANCES EMPLOYED IN THE MANUFACTURE OF VARNISHES AND THE LIKE
Wilhelm Krumbhaar, Detroit, Mich., assignor to Beck, Koller & Company, Inc., Detroit, Mich., a corporation of Delaware
Application May 5, 1934, Serial No. 724,224
6 Claims. (Cl. 87—13)

1. In a process for melting and treating foam forming organic materials employed in varnish making in a container, the steps which comprise applying external heat uniformly from all directions to avoid condensation and consequent reflux action of vapors, continually subjecting the materials undergoing treatment to both vertical and radial stirring to avoid excessive foaming, continuously withdrawing vapors from above the level of the materials undergoing treatment, and continuously withdrawing the finished material

in liquid form from below the liquid level, under reduced atmospheric pressure, and discharging

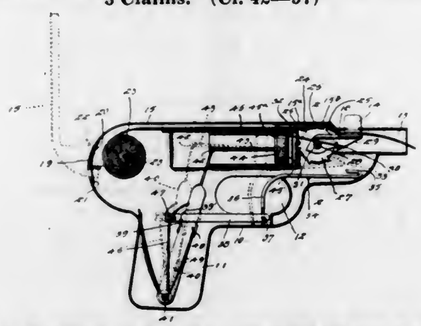


said material from the vessel at a point above the liquid level.

2,061,470
PRODUCTION OF METHANOL AND OTHER CARBON COMPOUNDS AND CATALYTIC AGENTS FOR USE THEREIN
Alfred T. Larson, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 16, 1933, Serial No. 698,315
9 Claims. (Cl. 260—156)

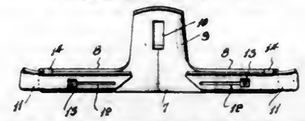
6. The process of synthesizing oxygenated organic compounds which comprises subjecting a gaseous mixture containing hydrogen and an oxide of carbon to a catalyst at an elevated temperature and pressure, said catalyst comprising the reduction product of a fused mixture containing from 1 to 5% of an oxide of an element of the group consisting of chromium, vanadium, zirconium, aluminum, magnesium, titanium, thorium, silicon, and cerium, and from 97 to 95% of copper oxide and manganese oxide, the copper oxide being in excess.

2,061,471
AUTOMATIC TOY PISTOL
Edwin Larson, Eagle Bend, Minn.
Application March 19, 1936, Serial No. 69,686
3 Claims. (Cl. 42—57)



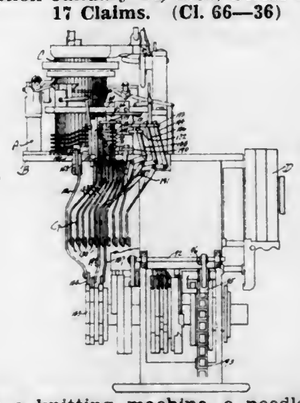
1. A device of the class described having a feed wheel provided with teeth, a hammer, means pivotally journalling said feed wheel and said hammer, said hammer having a shoulder, a trigger to engage said shoulder and one of said teeth to actuate the hammer and advance the cap strip, a compressor, and a mechanism operable to actuate the compressor through the actuation of said trigger.

2,061,472
PLOW AND EXTENSION SWEEP
Cohen P. Leggett, Rowland, N. C.
Application August 4, 1936, Serial No. 94,229
2 Claims. (Cl. 97—205)



1. A plow and sweep of the class described having wings, extension wings engaging the undersurfaces of the first mentioned wings, bolts passing through the first mentioned wings and elongated slots of the second mentioned wings, said slots being disposed wholly between the ends of the second mentioned wings, and the first mentioned wings having lugs along one edge thereof abutted by the second mentioned wings and holding the latter against upward pivotal movement on the bolts.

2,061,473
KNITTING MACHINE
Harry McAdams, Reading, Pa., assignor to Nolde and Horst Company, Reading, Pa., a corporation
Application January 14, 1932, Serial No. 586,635
17 Claims. (Cl. 66—36)

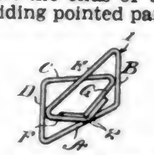


1. In a knitting machine, a needle holder, a series of latch needles slidable in the holder, needle actuating cams, a series of jacks for the needles, means operative upon the jacks for moving the respective needles transverse to the normal needle line for reversing the plating of yarns with respect to the plating effected upon the needles when in the normal needle line, a second series of jacks for the needles, and means operating upon the second series of jacks for vertically moving the respective needles to selectively take additional yarns.

2,061,474
PAPER CLIP
Jacques M. Metzs, Springfield, Mass.
Application November 27, 1935, Serial No. 51,922
1 Claim. (Cl. 24—261)

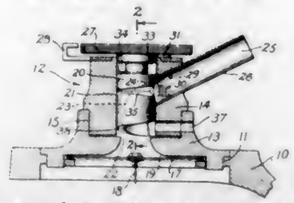
A paper clip comprising a frame-like portion having parallel end portions connected by a side

portion, intercrossing portions integral with said side portions and extending towards the end portions and terminating intermediate the ends of said end portions, converging and overlapped portions formed on the ends of the intercrossed portions and providing pointed parts disposed ad-



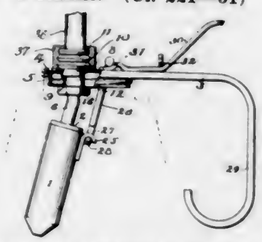
jacent the side portions and located intermediate the ends of the latter, said intercrossed portions and the overlapped and converging portions cooperating with said side and end portions in permitting the application of the frame-like portion to taper from either side or end of said frame-like portion.

2,061,475
REPRODUCER FOR PHONOGRAPHS
Leland D. Norton, Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y., a corporation of New York
Application April 15, 1935, Serial No. 16,437
Renewed January 18, 1936
10 Claims. (Cl. 274—27)



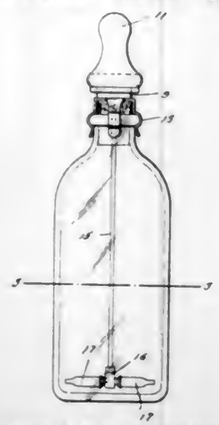
4. In a sound modifier of the character described, in combination, a pair of inner and outer members relatively rotatable about a common axis and provided with registrable sound passages, one of said members being formed with a helically advancing wall surface adapted to cooperate with a vent port in the other of said members upon relative rotation being imparted to said members to gradually open or close said passage to the outside atmosphere, and means for effecting relative rotation of said members.

2,061,476
HAND OILER
Samuel O. Paull, Wellsburg, W. Va., assignor to Eagle Manufacturing Company, Wellsburg, W. Va., a corporation of West Virginia
Application July 8, 1936, Serial No. 89,625
8 Claims. (Cl. 221—51)



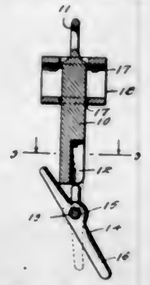
1. A hand oiler of the type including a container, a removable handle, a pumping mechanism within the container, and a spout, comprising an integral element passing through the handle, connected at one end to the pumping mechanism and at the opposite end to the spout, said element having a valve controlled bore leading therethrough to establish communication between the pumping mechanism and the spout, and means for removably fixing the element with respect to the handle.

2,061,477
NURSING BOTTLE
Ernest N. Perry, Lowell, Mass.
Application April 21, 1936, Serial No. 75,587
3 Claims. (Cl. 215—11)



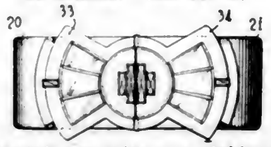
1. In a nursing bottle, a container, a stopper for the container, an elongated tubular stem extending in the bottle and opening through one side of the stopper beyond the container, a manifold at the inner end of the stem and air outlets in the manifold, and spring retaining members on the stopper for engaging the adjacent portion of the container for preventing displacement of the stopper from the container.

2,061,478
SELF-LOCKING PIN
Augustus J. Pepin, Sebeka, Minn.
Application April 28, 1936, Serial No. 76,823
3 Claims. (Cl. 85—3)



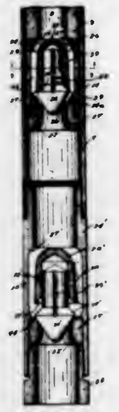
1. A locking pin of the class described having a body, a hook depending from one end of the body, a locking bar pivoted on said hook said locking bar being weighted at one end whereby its lighter end will engage the lower portion of the body, said lower portion of the body providing a stop to maintain the bar in an inclined position, and said body having a recess at the lower end open at one side thereof to receive said weighted end to permit the bar to aline with the body incidental to application and removal of the pin.

2,061,479
BRACELET
Alfred Philippe, New York, N. Y.
Application July 23, 1936, Serial No. 92,262
15 Claims. (Cl. 63—1)



1. A bracelet comprising a rigid member, an upright member thereon extending away from the arm of the wearer, means carried by the last named member for carrying a clip brooch, said means lying substantially parallel with the rigid member.

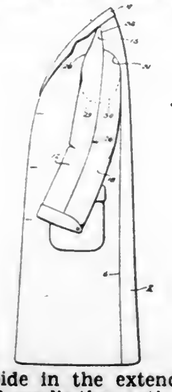
2,061,480
VALVE AND VALVE ASSEMBLY
Reginald J. S. Pigott, Pittsburgh, Pa., assignor, by mesne assignments, to Gulf Research & Development Company, Pittsburgh, Pa., a corporation of Delaware
Application December 5, 1930, Serial No. 500,359
8 Claims. (Cl. 251—128)



2. In a valve assembly for controlling fluid flow, a valve comprising a stem and a head of relatively larger diameter than said stem; a valve guide arrange to guide said stem and having an open end shaped to receive a portion of said valve head in surface engagement therewith; flutes formed between said guide and said valve stem to direct fluid upon said valve head for washing thereof upon relative movement between said guide and valve stem; and flutes formed upon said valve head connecting with said first-mentioned flutes.

2,061,481
WEARING APPAREL
Benjamin Polis, Philadelphia, Pa.
Application January 29, 1936, Serial No. 61,380
3 Claims. (Cl. 2—93)

1. In a garment of the character described, a body covering portion having an edge defining a collar line, said body covering portion being cut adjacent its upper end to define at least one armhole opening therein, said opening extending forwardly and upwardly across the front face of a shoulder of the wearer in gradually decreasing width substantially to said collar line and terminating at its upper edge in a line extending centrally along the top of said shoulder inwardly from substantially the outer tip thereof radially with respect to the neck of a wearer, and a sleeve secured to the body covering portion at the armhole opening therein and including an extension



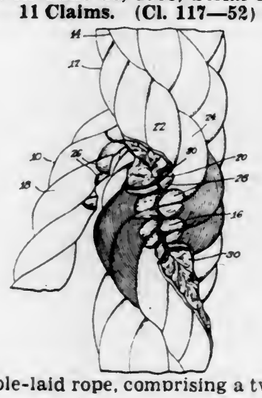
arranged to reside in the extended portion of said opening and overlie the portion of the shoulder of the wearer located forwardly of the top of said shoulder and inwardly from the apex thereof substantially to the collar line.

2,061,482
METHOD OF MAKING CUTLERY
William Prost, Northampton, Mass.
Application June 25, 1935, Serial No. 28,345
2 Claims. (Cl. 76—104)



1. A method of making cutlery comprising forming a shank on said cutlery, then joining a tang to the shank and forming a flange at the joint, then placing a core on the tang with one end in abutting engagement with the flange and its other end spaced inwardly from the corresponding end of the tang, then enclosing the core and the shank in a casing with the free end portion of the tang projecting from said casing, and then removing the projecting portion of the tang.

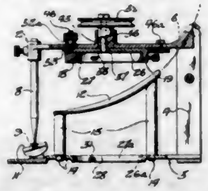
2,061,483
ROPE
Stephen A. Reed, Duxbury, Mass., assignor to Plymouth Cordage Company, North Plymouth, Mass., a corporation of Massachusetts
Application June 15, 1935, Serial No. 26,708
11 Claims. (Cl. 117—52)



2. A cable-laid rope, comprising a twisted group

of intermeshing ropes, constituting tensile elements, each of which is plain-laid, with strands of vegetable fibre constituting crests; each rope of the group having its successive strand crests compressed and deformed so as to fit between successive strand crests of the ropes which adjoin it in the twisted group; combined with a body of non-tensile partitioning material, intervening between rope crests which thus intermesh, for receiving abrasive wear at the intermeshed surfaces when the cable is working, and incapable, due to its non-tensile character, of functioning as a tensile-stress-bearing part of the rope.

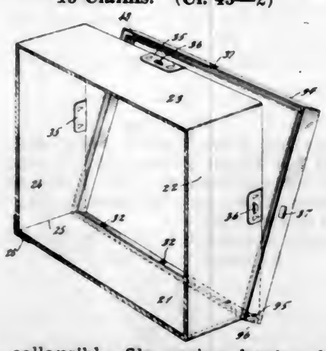
2,061,484
APPARATUS FOR USE IN THE FORMATION OF ARTIFICIAL DENTURES
Leslie Norman Roebuck, Melbourne, Victoria, Australia
Application October 11, 1933, Serial No. 693,203
In Australia July 5, 1933
9 Claims. (Cl. 32—32)



1. Apparatus for use in the formation of artificial dentures comprising in combination upper and lower frame members hingeably connected together at a point approximating the position of the temporomandibular joint in the human jaw, a template having a curved upper surface forming part of an imaginary spherical surface of predetermined diameter and mounting means for supporting said template upon the articulator in only one single predetermined operative position so that the curved upper surface of the template coincides with an arc passing through said hingeable connection whereby the same template in the same particular attitude may be employed for setting up artificial dentures for patients having jaws of average size and shape, in combination with detachable mounting means for securing an upper denture and its plaster or like model to the upper frame member, said mounting means comprising a detachable denture model holding ring, a section of the inner circumferential surface of which is cut away and inclined upwardly and outwardly whilst the remaining surface is inclined upwardly and inwardly so that when plaster or the like is poured into said ring it spreads into the aforesaid section and forms a wedge portion on the model said wedge portion and cut away section thus forming a dovetailed connection which assists in removably holding said model in position for the purpose specified.
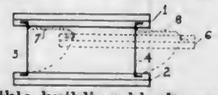
5. In apparatus for use in the formation of artificial dentures, the combination with upper and lower frame members hingeably connected together of rotary grinding means for moving the portion of the upper frame member carrying the upper denture in relation to the denture on the lower frame member, said rotary grinding means comprising an oscillating plate member adapted to carry the upper denture, a plurality of guide pins for securing said oscillating plate to the upper frame member, certain of said pins being accommodated within substantially circular guide holes in the upper frame member whilst a guide pin which is located adjacent to the rear of the upper denture is accommodated within and adapted to bear against the sides of an elongated guide slot in said frame member, a single eccentric device being provided for effecting relative movement between said oscillating plate and the upper frame member substantially as and for the purpose specified.

2,061,485
REENFORCED COLLAPSIBLE FILE CASING
Sol Scheinman, White Plains, N. Y.
Application May 16, 1936, Serial No. 89,147
15 Claims. (Cl. 45—2)



10. A collapsible file casing having hingedly connected paper panels adapted to be erected to form right-angularly disposed top, side and bottom walls, and a rigid, open rectangular reinforcing frame permanently secured in hinged relation to the paper panels in the collapsed condition of the casing and movable pivotally with relation to the panels so as to be disposed at the front end of the erected casing in cooperating relation with the walls of the casing to hold the latter rigid and to take up vertical stresses thereon.

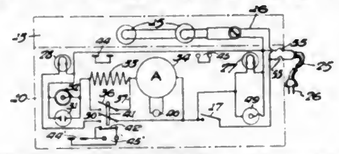
2,061,486
ART OF BUILDING CONSTRUCTION
Charles H. Schuh, Ridgewood, N. Y., assignor to Microcel Corporation, South River, N. J., a corporation of New Jersey
Application January 26, 1935, Serial No. 3,579
8 Claims. (Cl. 72—44)



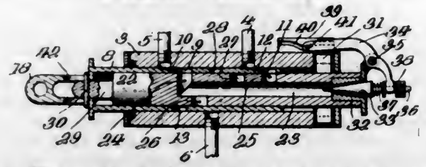
1. A collapsible building block comprising two rectangular panels, and two imperforate rectangular strips of flexible metal having their ends rigidly fixed in said panels holding same in parallel spaced relationship and extending through the entire height of said panels, said panels being adapted to be brought together during transportation by bending said strips and to form after their erection vertical ducts with said strips capable of being filled out with a structural mass.

2,061,487
TESTING APPARATUS FOR ELECTRIC APPLIANCE
Richard G. Scott, Corsicana, Tex.
Application September 1, 1933, Serial No. 687,896
19 Claims. (Cl. 175—183)

1. In a device for testing electrical appliances, means for connecting said device to a source of current, a circuit including an outlet receptacle, an impedance and a current indicator in series across said connecting means, a voltage responsive indicator, and means for simultaneously connecting said voltage responsive indicator in parallel with said circuit and short circuiting said impedance.

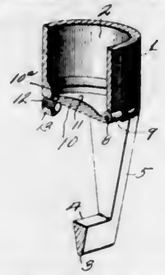


2,061,488
METHOD OF PRODUCING AND MAINTAINING A VACUUM ON A CHAMBER
Frederick L. Shelor, Richmond, Va., assignor to Innovation Brakes, Inc., Richmond, Va., a corporation of Virginia
Application March 7, 1932, Serial No. 597,359
2 Claims. (Cl. 188—152)



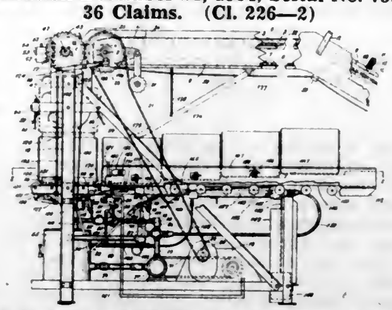
1. The method of creating and maintaining a vacuum on a chamber of less degree than the vacuum creating means operating thereon, consisting in connecting said chamber and said vacuum creating means to a control chamber, varying the volume of air drawn from said control chamber in a given period of time, venting said control chamber to the atmosphere and inversely varying the amount of air drawn from the atmosphere into said control chamber in the same period whereby the degree of vacuum created on said control chamber may be changed to a predetermined desired degree within the limits of the vacuum creating means and maintained.

2,061,489
WELL CLEAN-OUT TOOL
James S. Taylor, Tulsa, Okla.
Application April 20, 1936, Serial No. 75,464
4 Claims. (Cl. 166—19)



1. The combination with the lower end of a chambered well clean-out tool, of a flap valve carried by said lower end of the tool and hinged to one side thereof and swingable inwardly and outwardly of the tool, an inwardly and outwardly movable stop screw carried by the clean-out tool in the path of the free end of the flap valve, said screw forming means projecting inwardly of the tool for limiting the downward movement of the free end of the flap valve during a debris trapping operation and movable outwardly to provide for extreme downward movement of the flap valve during a debris discharging operation.

2,061,490
MACHINE FOR AND METHOD OF FILLING BOXES
Albert R. Thompson, San Jose, and James M. Hait, San Marino, Calif., assignors to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware
Application December 24, 1934, Serial No. 759,052
36 Claims. (Cl. 226—2)



30. In an apparatus for controlling the level of articles accumulating in a receptacle, elevating means for supporting the receptacle, a movably mounted conveyer disposed above said elevating means and positioned to project into the receptacle to distribute articles onto the bottom thereof, and means controlled by movement of said conveyer in response to the rising level of articles accumulating in said receptacle for determining operation of said elevating means to lower said receptacle and thereby maintain the level of accumulating articles closely beneath said conveyer.

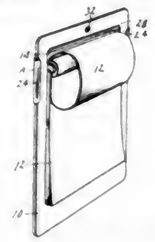
33. An apparatus for controlling the level of bulk fruit or the like accumulating in a fruit retaining receptacle into which said fruit is deposited in indiscriminately positioned relation, comprising elevating means for supporting the bottom of said receptacle, and fruit engaging means operatively associated with said elevating means and arranged to project into said receptacle above the fruit accumulating therein for engagement with the upper surfaces of said fruit, said fruit engaging means being operable by such engagement to progressively lower said elevating means in accordance with the increasing depth of fruit accumulating in said receptacle whereby to maintain the level of accumulating fruit substantially constant.

2,061,491
CUTTING TOOL
William M. Thompson, Meadville, Pa.
Application July 19, 1935, Serial No. 32,177
8 Claims. (Cl. 125—37)



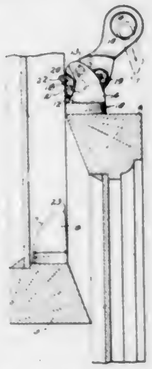
2. In a stone dressing tool the combination of a plurality of independently rotatable cutting means and a resilient bearing for the cutting means.

2,061,492
MEMORANDUM CALENDAR OR THE LIKE
Hugh H. Tolman, Bryan, Ohio, assignor, by mesne assignments, to The Ohio Art Co., Bryan, Ohio, a corporation of Ohio
Application May 19, 1936, Serial No. 80,521
9 Claims. (Cl. 40—119)



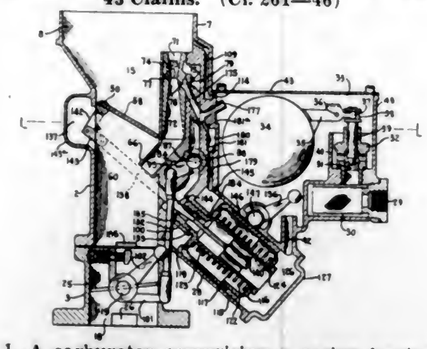
1. In a device of the class described, a base sheet, a plurality of flexible sheets fixed at their upper margins thereto, said base sheet being formed with a transverse slot above the flexible sheets through which the free end portions thereof may be inserted, and a retainer mounted on the rear face of said base sheet to receive and provide a retainer for the inserted sheets, said retainer having a guide portion extending into said slot and being of sufficient size to extend laterally across the inserted sheets throughout the entire width thereof and having a resilient leaf retainer element bent toward said base sheet.

2,061,493
SASH LOCK
John M. Tracy, New Britain, Conn., assignor to The American Hardware Corporation, New Britain, Conn., a corporation of Connecticut
Application February 7, 1936, Serial No. 62,722
6 Claims. (Cl. 292—336)



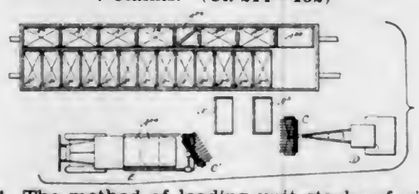
1. A self locking window lock comprising, a bracket to be attached to a lower sash, a hook member pivotally mounted on said bracket and engageable with a keeper on an upper sash to interlock therewith for preventing raising of said lower sash relatively to said upper sash, and an integral handle member on said hook for raising and lowering the lower sash, and latching means for latching said hook member in inoperative position when said lower sash is raised by said handle, said latching means being engageable by said keeper for releasing said hook member when said lower sash is moved to closed position relatively to said upper sash.

2,061,494
CARBURETOR
Walter H. Weber, Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich., a corporation of Michigan
Application June 12, 1935, Serial No. 26,290
43 Claims. (Cl. 261—46)



1. A carburetor comprising a casing having a passageway therethrough including a mixing chamber having an air inlet, suction responsive means controlling the admission of air to said mixing chamber and operable to maintain the sub-atmospheric pressure in said mixing chamber within predetermined limits, a passageway having an air inlet and discharging into said mixing chamber, said second-named passageway having a bore portion of restricted cross-sectional flow area, a liquid fuel reservoir, a fuel supply conduit leading from said reservoir below the liquid level therein and having an outlet at and discharging into said bore portion, said conduit being sealed against admission of air and having a portion of its length above the liquid level in said reservoir, a vapor withdrawal conduit leading from said reservoir above the liquid level therein and having an outlet discharging into said bore portion, said outlets being positioned in a common plane normal to the longitudinal axis of said bore portion whereby said conduits are subjected equally to variations in pressure in said bore portion, and means to maintain a greater pressure in said reservoir above the liquid level therein than exists in said fuel conduit whereby fuel will be discharged into said bore portion and through said second-named passageway into said mixing chamber.

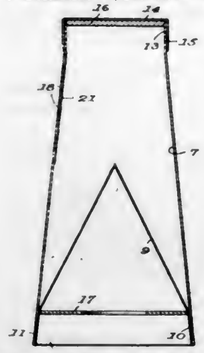
2,061,495
METHOD OF LOADING, TRANSPORTING, AND UNLOADING BRICK, OR LIKE COMMODITIES
Graham C. Woodruff, Bronxville, N. Y., assignor to The L. C. L. Corporation, a corporation of Delaware
Application March 21, 1935, Serial No. 12,294
7 Claims. (Cl. 214—152)



1. The method of loading unit stacks of piled articles of a predetermined number of articles to a pile for transport, which consists in assembling unit containers, each having an open side and an open top, on a carrier vehicle so as to normally

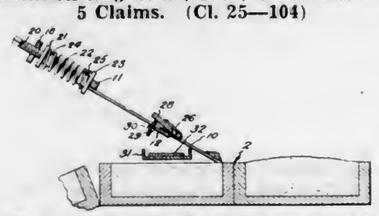
substantially fill a container receiving space of said vehicle and so that the open side of each container will be closed, removing from the vehicle at least one of the containers so as to provide a loading space communicating with the open side of a remaining container, introducing through said space into said container whose open side is exposed, a stack unit, then shifting said remaining containers on the vehicle to similarly provide loading spaces and expose the open sides of the containers in a determined order and loading them with stack units, and loading and replacing the removed container so that at the end of the final loading operation the container receiving space of the vehicle will be filled and the open sides of the loaded containers closed.

2,061,496
COLLAPSIBLE CARTON
David Edward Wright, Harrisonburg, Va., assignor of one-third to F. Everett Wright, Washington, D. C.
Application March 23, 1936, Serial No. 70,471
7 Claims. (Cl. 229—4.5)



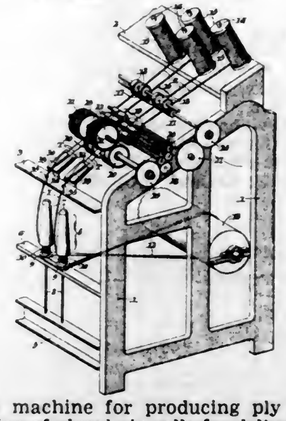
1. A carton of the character described comprising a two sided and cylindrical collapsible body portion, an impervious foldable and hollow shaped bottom piece secured thereto around its peripheral edge, and a removable closure member, substantially as set forth.

2,061,497
AUXILIARY STRIKE FOR BRICK MACHINES
Fred Beauchamp, North Haven, Conn., assignor to Lancaster Iron Works, Inc., Lancaster, Pa.
Application August 27, 1935, Serial No. 38,109
5 Claims. (Cl. 25—104)



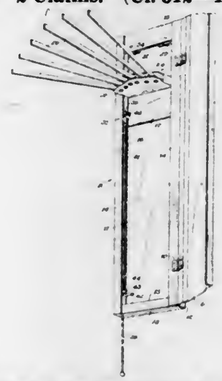
1. The combination of a brick machine having means for intermittently moving molds in one direction to and from a predetermined location, in which they may be filled under pressure with material in a plastic condition, with a support extending across the path of movement of said molds, a striker blade slidably mounted on said support, means on said support for normally holding said blade with its lower edge in yielding striking contact with the top edges of said molds, means for moving said blade toward and from the striking contact while the molds are in rest position, and means fixed to said support for removing material from said blade during its movement from said striking contact.

2,061,498
METHOD AND MEANS FOR PRODUCING PLY YARN
Whitworth F. Bird, Springfield, Pa., assignor to Collins & Aikman Corporation, Philadelphia, Pa., a corporation of Delaware
Application May 18, 1935, Serial No. 22,138
20 Claims. (Cl. 118—38)



1. In a machine for producing ply yarn the combination of plural nip rolls for delivering multiples of strands, a pivoted divider-block guiding the individual strands to a common twist point, and a suitable unit aligned with said point to effect twisting of the strands into ply yarn at such point.

2,061,499
CLOTHES DRIER
Frank Bode, New York, N. Y.
Application September 11, 1935, Serial No. 40,152
2 Claims. (Cl. 312—181)



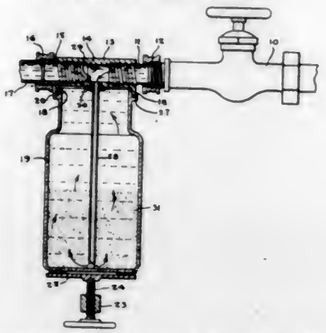
1. A clothes drier comprising a casing having a back wall, side walls, front flanges extending inwardly from said side walls at the front edges thereof, internal flanges extending inwardly from said side walls between said back wall and said front flanges, a vertically movable plate between said internal flanges and said back wall and having rollers contacting said back wall and

internal flanges, a pair of spaced pulleys mounted adjacent the top of the casing and adjacent said side walls, means for moving said plate vertically, said means comprising a rope having one end secured to said plate and positioned between said front and internal flanges at both sides of said casing and threaded on said pulleys, a rack bar bracket pivotally connected to said plate and adapted to be swung, from a horizontal position, to a vertical position within said casing, a plurality of bars pivotally secured to said bracket and adapted to be swung, with said bracket, from a horizontal to a vertical position, in which latter position the bars are enclosed by said casing.

2,061,500
FERTILIZER AND PROCESS OF EFFECTING DISTRIBUTION THEREOF

Vivian W. Brewer, Minneapolis, Minn., assignor to Gro-Lux, Incorporated, St. Paul, Minn., a corporation

Refiled for abandoned application Serial No. 636,978, October 10, 1932. This application November 1, 1935, Serial No. 47,848
2 Claims. (Cl. 47—58)



1. A method of distributing fertilizer which consists in applying dye material to powdered fertilizer when both are dry and cold, the dye in a dry state being insufficient to color the objects with which it comes in contact, agitating the mixture of fertilizer and dye in the dry state until the dye particles have coalesced with the fertilizer particles, placing the material so prepared in a transparent container, passing a stream of water through said container and the material therein whereby the dye in conjunction with the fertilizer material will produce a color effect visible in the container, and continuing to pass water through said container and spray it upon the plot to be fertilized until the color effect in the container disappears.

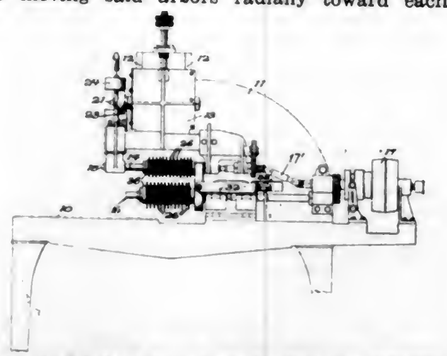
2,061,501
METHOD AND APPARATUS FOR ROLLING BELLOWS

Robert E. Brown, Knoxville, Tenn., assignor to The Fulton Sylphon Company, Knoxville, Tenn., a corporation of Delaware

Application July 29, 1932, Serial No. 626,051
28 Claims. (Cl. 153—73)

1. The method of forming a bellows in a single rolling operation which includes rolling a tube between interior and exterior roll elements while moving said elements radially toward each other and simultaneously exerting an axial thrust on the tube and roll elements to corrugate the tube and move the roll elements axially by the thrust of the forming corrugations thereon.

24. In an aparatus for rolling bellows, external and internal arbors, roll elements mounted thereon and adapted to slide axially thereof, means for moving said arbors radially toward each



other, and means acting on an end roll element for sliding all of the roll elements axially thereof.

2,061,502
METHOD OF DIMINISHING CORONA AND INSULATION HEATING AT THE ENDS OF SLOTS

John F. Calvert, Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application April 12, 1934, Serial No. 720,223
7 Claims. (Cl. 171—206)



1. In a dynamo-electric machine, in combination, armature iron provided with a plurality of slots, an armature winding disposed in the slots, the armature winding being an insulated conductor wound in a predetermined manner, the armature winding extending beyond the armature iron presenting end loop portions, semi-conducting material applied to the end loop portions extending from the armature iron outwardly, different sections of the semi-conducting material being of different ohmic resistance and electrically connected, the ohmic resistance of the sections progressing outwardly along the conductor increasing with distance from the armature iron thereby to distribute the surface voltage along the armature winding to restrict the corona discharge and armature heating during test or normal operation to a predetermined amount suitable for operation.

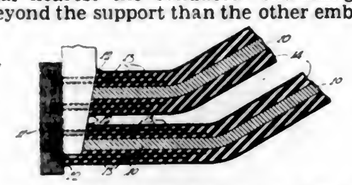
2,061,503
METHOD OF DIMINISHING CORONA AND INSULATION HEATING AT THE ENDS OF SLOTS

John F. Calvert, Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Original application April 12, 1934, Serial No. 720,223. Divided and this application July 31, 1936, Serial No. 93,620
5 Claims. (Cl. 171—206)

1. A system for protecting an insulated conductor carried by a support comprising layers of semi-conducting material embedded in the insulation of the insulated conductor, the semi-conducting material being disposed to extend be-

yond the support, the layer of semi-conducting material nearest the conductor extending further beyond the support than the other embedded

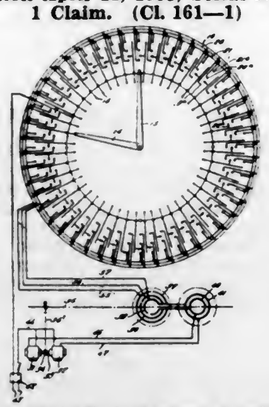


layer to cooperate in distributing the voltage along the surface of the insulation of the conductor to restrict corona discharge and heating of the insulation.

2,061,504
TIME CONTROLLED RADIO RECEIVER

Stephen Christie, Brooklyn, N. Y.

Application April 11, 1935, Serial No. 15,907
1 Claim. (Cl. 161—1)



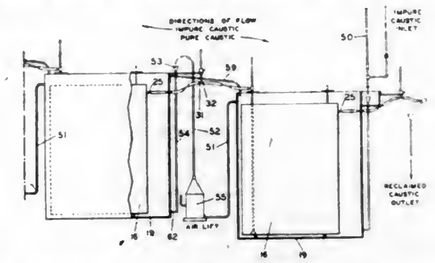
In a time controlled receiver, a cabinet structure including a clock mechanism having an hour and a minute hand, a collector ring for one of the hands, a plurality of contacts annularly arranged for the other hand, said collector ring and contacts being mounted on the face of the clock against which the hands wipe, said cabinet having a front wall provided with an opening therein, said clock face being located inside of the cabinet and forming a backing for the opening, said face extending on its periphery beyond the limits of said opening, and in spaced relation to the back of the front wall, the front of the cabinet being provided with a plurality of slots radiating from the said opening therein, a conductor rod mounted in the cabinet between the outer portion of the clock face and the rear part of the front wall and adjacent each of the slots, a slider on each of the rods provided with a handle protruding through the corresponding slot, the outer portion of the clock face being provided with a plurality of annular rows of time contacts arranged concentrically thereon, and blades on the slider for engagement selectively with the said last mentioned contacts.

2,061,505
APPARATUS FOR PURIFICATION OF CAUSTIC HYDROXIDE

Benjamin W. Collins, Swarthmore, Pa., assignor to The Viscose Company, Marcus Hook, Pa., a corporation of Pennsylvania

Application January 3, 1935, Serial No. 308
11 Claims. (Cl. 23—252)

1. A cell for dialytic apparatus comprising a frame, a dialyzing membrane and rubber between



the frame and membrane, said three elements being vulcanized together.

2,061,506
BUTTON

Joseph F. Cox, Arlington, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts

Application January 15, 1935, Serial No. 1,925
2 Claims. (Cl. 24—90)

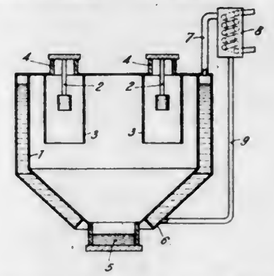


2. A one-piece attaching member of the class described, said member comprising only a substantially tubular body portion having one closed end, said member having a pair of apertures through opposite points in the walls thereof adjacent to said closed end, the walls of said apertures being rolled inwardly toward each other to form an aperture having substantially continuous walls for the purpose described, and a bell-shaped flange integral with and extending outwardly from the opposite end of said member and adapted to be flattened and expanded for engagement with an apertured device, said flange having inwardly-sloping free edges.

2,061,507
ELECTRIC DISCHARGE APPARATUS

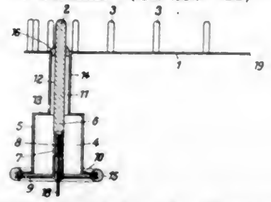
Walter Dällenbach, Berlin-Charlottenburg, Germany

Application November 9, 1934, Serial No. 752,346
In Germany November 11, 1933
15 Claims. (Cl. 250—27.5)



2. An electric discharge apparatus comprising a metal vacuum vessel, anode and cathode means in said vacuum vessel, a cooling vessel for said vacuum vessel, and a liquid chlorinated hydrocarbon in said cooling vessel as the cooling medium.

2,061,508
ULTRA SHORT WAVE APPARATUS
Walter Dällenbach, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands
Application March 1, 1935, Serial No. 8,939
In Germany March 3, 1934
7 Claims. (Cl. 250—11)

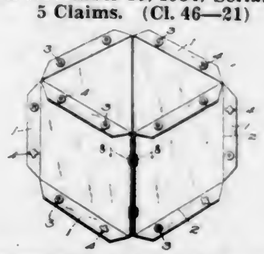


1. An arrangement for the directional emission and reception of ultra-short waves, comprising a level conductive plate having an aperture therein, rod antennas of the length λ/4 disposed on one side of said plate in a parabolic curve and perpendicular to said plate, an electron tube on the other side of said plate, said electron tube being provided with a hollow space resonator limited by a concentric Lecher system of the length λ/2, a lead coupled with the inner and outer leads of the concentric Lecher system and forming a short circuit condenser for the resonator, an energy line of the length λ/4 coupled to one end of the concentric Lecher system, said energy line consisting of an inner conductor and an outer conductor concentric with said inner conductor, the outer conductor of said line at one end being connected with said plate, the inner conductor being continued through said aperture in the form of a rod antenna of the length λ/4 disposed at the focal point of the parabola and perpendicular to said plate.

2,061,509
IMPREGNATED ARTICLE
William W. De Laney, Marshallton, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 2, 1935, Serial No. 14,379
25 Claims. (Cl. 91—68)

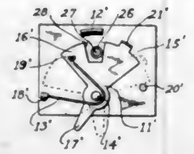
1. A box toe for shoes comprising an absorptive base impregnated with a chlorine-containing rubber compound and a resin.

2,061,510
CONSTRUCTION TOY
Carlton T. Drumpelmann, Wellesley Hills, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts
Application November 16, 1934, Serial No. 753,325
5 Claims. (Cl. 46—21)



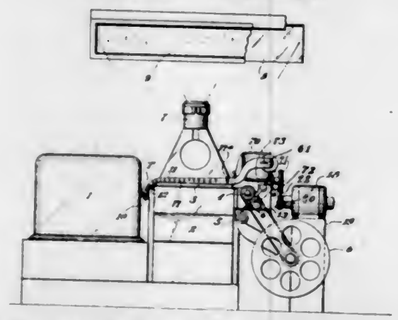
5. A construction toy structure comprising a plurality of predetermined shaped panels of suitable material, some of which are of different shape than others, bendable flanges at the edges of each panel for cooperative face-to-face arrangement and cooperating male and female fastening members on said flanges securing together the cooperating flanges of the panels, there being more than one fastener element on at least one bendable flange, said fastening members being arranged so that the male and female members alternate on a given panel for the purposes described.

2,061,511
TIMING DEVICE
Phillip S. Edmunds, Troy, Ohio
Application July 6, 1935, Serial No. 30,145
5 Claims. (Cl. 161—26)



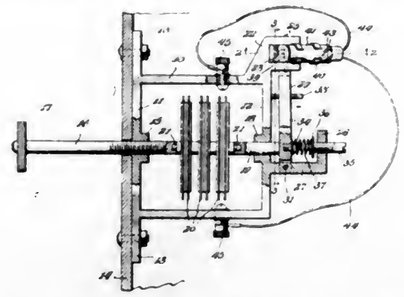
1. A timing device comprising a base, a movable member, a pivot connecting said member to said base for pivotal movement of said member, resilient means for moving said member in one direction, and a resilient friction element secured to said base and having a friction surface forming a segment of a cylinder concentric with said pivot, said member having a portion contacting said surface and being rigid between said pivot and said portion so as to have its movement substantially uniformly retarded by said friction surface.

2,061,512
TICKER TAPE PROJECTING MACHINE
August D. Eitzen, Rockville Centre, N. Y., assignor to News Projection Corporation, New York, N. Y., a corporation of New York
Application July 8, 1930, Serial No. 466,387
Renewed August 24, 1936
45 Claims. (Cl. 271—2.3)



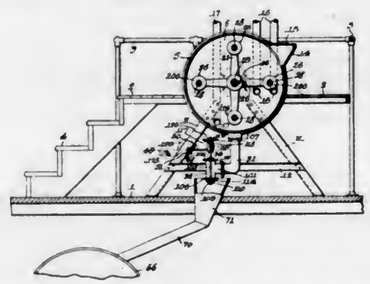
1. Tape feeding means for a stock quotation projection machine of the type in which a tape, derived at varying speed from a ticker, is drawn across a light aperture, said tape feeding means comprising a tape puller for pulling the tape across the light aperture, a motor, a clutch for operatively connecting said motor to drive said tape puller, a governor for controlling the operation of said clutch, and a lever engaging the tape anterior to the light aperture and sensitive to the tension in the tape, said governor being operatively connected to said lever.

2,061,513
THERMOSTATIC SWITCH
Ernest W. Evans, Vincennes, Ind.
Application October 4, 1934, Serial No. 746,907
3 Claims. (Cl. 200—140)



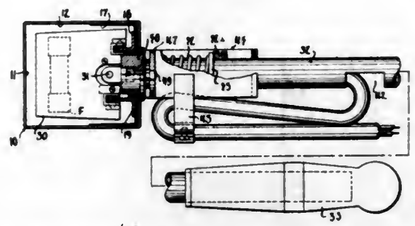
1. A thermostatic switch including a frame, a rocker pivoted thereon, means mounted on the rocker and movable thereby for making and breaking a circuit, a pivoted lever coacting at its free end with the rocker for actuating the rocker, a plunger supported by the frame and coacting with the lever near the pivot point thereof, a screw carried by the frame, a thermostatic element mounted between and supported by said screw and plunger and expansible for swinging the lever in one direction, and yieldable means for swinging the lever in the opposite direction, said screw being adjustable for varying the temperature at which the rocker is actuated by said lever under the influence of said element.

2,061,514
WASHING MACHINE MIXING TANK
Joshua D. Evans, Berkeley, Calif., assignor of one-third to Jennie Wright, Berkeley, Calif.
Application December 19, 1933, Serial No. 703,123
1 Claim. (Cl. 259—3)



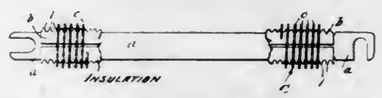
In a mechanism for reducing the time that an agitator need be operated, a substantially horizontal, elongated mixing tank, means for delivering liquids of different kinds to the mixing tank, a single agitator operating in the mixing tank and substantially coextensive in length with the tank, outlets for the mixing tank, spaced apart throughout the length of the mixing tank and located on the bottom of the tank, means under the control of an operator for opening or closing all the outlets at once, a receiver, and funnels discharging into the receiver and receiving liquid from the respective outlets, the funnels being open, to permit sampling of the mixture that passes into any funnel from any outlet.

2,061,515
ELECTRICAL DISTRIBUTION SYSTEM
Harrison J. L. Frank, William A. Harper, and Joseph A. Messing, Detroit, Mich.
Application February 23, 1935, Serial No. 7,870
6 Claims. (Cl. 247—3)



1. An electrical distribution system comprising a trolley duct having a horizontal wall provided with a narrow elongated continuous slot and containing vertically disposed strips forming rails, and a current collecting trolley having a head wide enough to straddle the rails, the lower horizontal edge of the head having slots open towards the duct bottom and containing rollers and receiving the upwardly projecting edges of the rails, the rollers engaging vertical sides of the rails.

2,061,516
METHOD OF MAKING EDGEWISE WOUND RESISTANCE COILS
Joseph F. Frese, Baltimore, Md., assignor to Monitor Controller Company, Baltimore, Md., a corporation of Maryland
Application November 20, 1935, Serial No. 50,796
1 Claim. (Cl. 29—155.5)

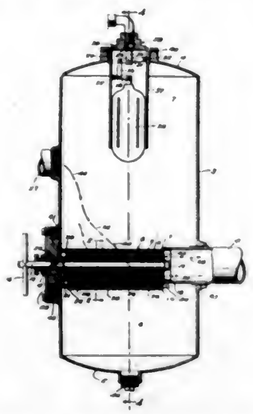


The method of making a flat resistor which comprises winding a ribbon of resistance metal helically into the form of a tube, coiling the tube into the form of a helix and then applying pressure to the ends of said helix to flatten its convolutions.

2,061,517
APPARATUS FOR SEPARATING AIR AND SOLIDS FROM LIQUIDS
Thomas J. Kenny, Elkins Park, Pa., assignor to Sheffler-Gross Company Inc., Philadelphia, Pa., a corporation of Pennsylvania
Application July 23, 1935, Serial No. 32,710
6 Claims. (Cl. 183—3)

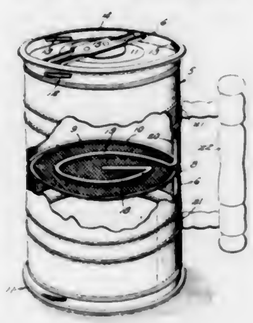
1. An air and dirt separator comprising, in combination, a generally closed housing having a liquid inlet and a liquid outlet, and having a lower dirt-collecting chamber and an upper air-collecting chamber, a disc filter comprising a plurality of closely spaced filter discs intermediate said lower dirt-collecting chamber and upper air-collecting chamber, and operatively interposed between said inlet and outlet; with the outer peripheries of said filter discs exposed to the in-flow, and the inner peripheries of the discs in the direction of the out-flow, means extending through the housing and in sealed relation thereto for rotating said filter discs in unison, a plurality of stationary cleaning members intermediate adjacent filter discs, an air relief valve in

communication with said air-collecting chamber, and means within said air-collecting chamber



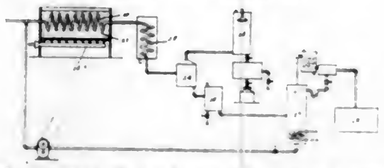
and responsive to the liquid level therein for actuating said air relief valve.

2,061,518
SIFTER
Thomas G. Melish, Cincinnati, Ohio, assignor to The Bromwell Wire Goods Company, Cincinnati, Ohio, a corporation of Delaware
Application December 5, 1933, Serial No. 700,997
1 Claim. (Cl. 209—374)



A sifting device, comprising, a cylindrical receptacle, a screen mounted within said receptacle intermediate of the ends thereof, agitator elements mounted above and below the screen, each element consisting of a portion engaging a face of the screen and an extended portion lying along the inner wall of the receptacle longitudinally thereof, said latter portion extended toward a respective end of the receptacle and having its end turned outwardly and projected through the wall of the receptacle, spacer sleeves mounted about the outwardly extended portions of the agitator elements, and a handle bar connecting the extreme outer ends of the outwardly extended portions of the agitator elements and abutting said spacer sleeves, said spacer sleeves substantially filling the space between the receptacle and the handle, the extreme ends of the outwardly extended portions of the agitator elements having formed heads for preventing displacement of the handle bar and spacer sleeves from said outwardly extended portions.

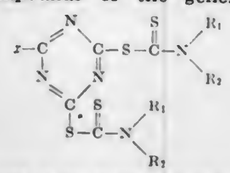
2,061,519
PRODUCTS DERIVED FROM TRICHLOROISO BUTANE AND PROCESS OF PRODUCING THEM
Ralph E. Nelson and Arthur O. Rogers, West Lafayette, Ind., assignors to Purdue Research Foundation, West Lafayette, Ind., a corporation of Indiana
Application November 6, 1933, Serial No. 696,798
9 Claims. (Cl. 260—156)



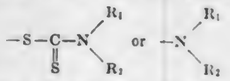
9. A process of producing 3-chloro-2-methyl-allyl alcohol, which consists in heating trichloroisobutane and causing at least one of the chlorine atoms separated from each molecule to react immediately with a base in the presence of water.

2,061,520
CYANURYL DERIVATIVES OF DITHIOCARBAMIC ACIDS
Ludwig Orthner, Leverkusen-I. G. Werk, and Max Bögemann, Cologne-Mulheim, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application March 10, 1932, Serial No. 598,090. In Germany March 11, 1931
7 Claims. (Cl. 260—27)

4. The compounds of the general formula



wherein R_1 means an alkyl-, phenyl-, benzyl- or hydrophenyl radical, R_2 an alkyl-, benzyl- or hydrophenyl radical or R_1 and R_2 jointly stand for a pentamethylene chain in which the central methylene group may be replaced by O or S, and x stands for one of the groupings

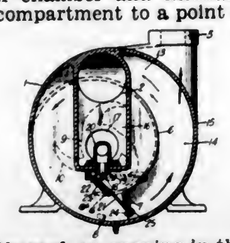


wherein R_1 and R_2 have the above meaning, said compounds forming yellow crystals soluble in the usual organic solvents with a yellow coloration and being valuable vulcanization accelerators.

2,061,521
CENTRIFUGAL PUMP STRUCTURE
Arthur C. Saxe, Columbus, Ohio, assignor to The Jaeger Machine Company, Columbus, Ohio, a corporation of Ohio
Application February 27, 1933, Serial No. 658,685
8 Claims. (Cl. 103—113)

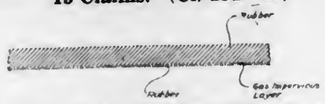
1. A self-priming centrifugal pump comprising a substantially drum-shaped outer casing adapted to form a compartment for priming fluid, said compartment having an outlet at its upper end, an impeller chamber disposed within said compartment and at one side thereof, said chamber being of volute form and being eccentrically disposed in said compartment, said chamber being

of such a shape and size and being so positioned in said compartment that there is a substantial space beside and above it in said compartment, a discharge outlet from said chamber located at the base of said compartment so that liquid discharged therefrom will undercut any sand or slit which deposits in the bottom of said compartment, the outlet from said chamber being so disposed relative to said outlet from said compartment that the major portion of the fluid discharged from said chamber will pass directly to and through said compartment outlet while a portion of the fluid will be first circulated within the space beside and above said chamber, a suction chamber disposed in said space at the side of said impeller chamber and extending from the top of said compartment to a point spaced above



the bottom thereof, an opening in the wall which separates said impeller chamber from the suction chamber, a port for permitting flow of fluid from said compartment into said suction chamber, said port being located below the horizontal center plane of said suction chamber, an elbow member disposed over said port and adapted to direct fluid through said opening, priming fluid being adapted to flow from said compartment through said port into said suction chamber and then into said impeller chamber, means for closing said port to shut off flow of fluid therethrough when the pump can operate without priming fluid, said means comprising a hinged plate which initially extends down into the space below said suction chamber and which has an extension projecting across the discharge outlet from said impeller chamber.

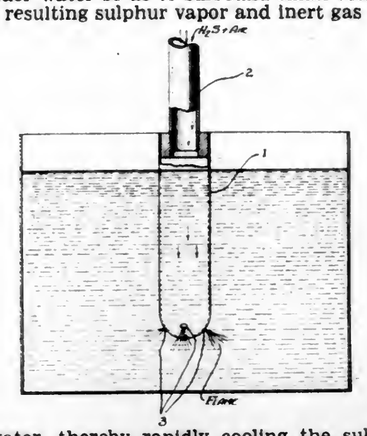
2,061,522
INNER TUBE
Walter E. Shively, Fairlawn, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
Application February 17, 1934, Serial No. 711,739
13 Claims. (Cl. 154—14)



9. A rubber inner tube for vehicle tires, the interior surface of which is covered with a thin non-water-resistant coating which is more impervious to the passage of gas under pressure than rubber, and protecting this coating a closely adhering water-resistant film.

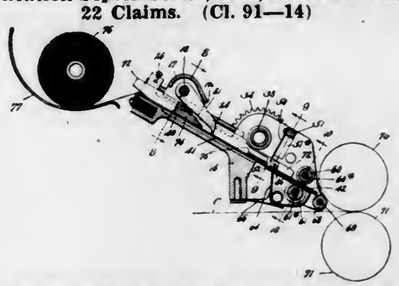
2,061,523
SULPHUR
Claude H. Smith, Tallmadge, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
Application December 9, 1933, Serial No. 701,596
4 Claims. (Cl. 23—226)

3. The method of producing sulphur of high insoluble sulphur content which comprises burning hydrogen sulphide with a limited amount of air under water so as to surround small volumes of the resulting sulphur vapor and inert gas with



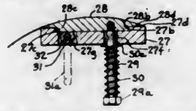
the water, thereby rapidly cooling the sulphur and causing it to separate in the form of a finely divided solid.

2,061,524
FEEDING, SEVERING, AND MOISTENING DEVICE
Frederick W. Storck, Arlington, Mass., assignor to Standard Mailing Machines Company, Everett, Mass., a corporation of Massachusetts
Application September 25, 1934, Serial No. 745,403
22 Claims. (Cl. 91—14)



1. A strip feeding device, comprising a frame and guides secured in said frame, a reciprocating carrier slidably mounted on the guides, feeding means rotatively mounted in said carrier and having free ends adapted to be oscillated, spring controlled friction means in contact with each of said feeding means and adapted to coact with said carrier to oscillate the free ends of said feeding means into and out of contact with a strip of material during their feeding and non-feeding operations.

2,061,525
MASTER CLAMPING DEVICE FOR DUPLICATORS
Frederick W. Storck, Arlington, Mass., assignor to Standard Mailing Machines Company, Everett, Mass., a corporation of Massachusetts
Application March 23, 1935, Serial No. 12,602
11 Claims. (Cl. 101—132)

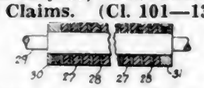


1. A device of the character specified having a rotatable printing platen with means for rotat-

ing said platen, a master sheet clamping member normally disposed flush with the plane of the face of said platen with engaging means disposed within said platen and adapted to elevate one face of said clamp to form an aperture transversely of said platen face and at an angle of less than 90° to the tangency of the platen periphery.

2,061,526
MOISTENING AND FEEDING DEVICE FOR DUPLICATORS

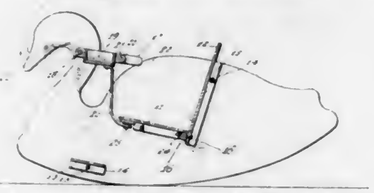
Frederick W. Storck, Arlington, Mass., assignor to Standard Mailing Machines Company, Everett, Mass., a corporation of Massachusetts
Application May 20, 1935, Serial No. 22,442
12 Claims. (Cl. 101—132)



1. In a machine for printing on a clear sheet a duplicate of the matter imprinted in reverse with copying ink on a master sheet, a moistening device for said sheet, said moistening device embodying coacting feed and moistening rolls with means for conveying moisture to one of said rolls, spaced capillary means embodied with the other roll whereby moisture accumulation at the bight of said rolls is controlled.

2,061,527
BABY ROCKER

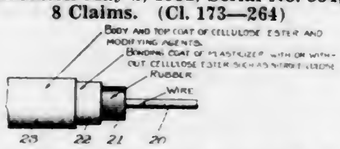
Clifford I. Sweet, Delphos, Ohio, assignor to The Delphos Bending Company, Delphos, Ohio, a corporation of Ohio
Application March 13, 1935, Serial No. 10,766
6 Claims. (Cl. 155—69)



1. A child's rocker, comprising interconnected side members having convexly curved lower edges, a seat disposed between said side members, a tray pivotally mounted between said side members in front of and above said seat on an axis disposed ahead of said tray, said tray being provided with abutments positioned to engage respectively the upper edges of said side members in rear of the tray to support it in upright position, a flexible strap having one end secured to said tray near the middle of the back thereof, and releasable means for securing the opposite end of said strap to said seat.

2,061,528
ELECTRICAL INSULATION

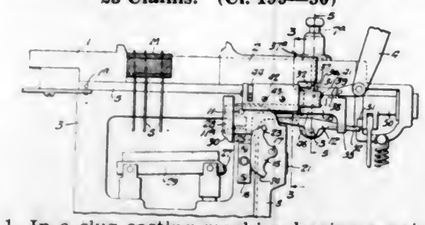
Elmer W. Trolander and William Courtney Wilson, Chicago, Ill., assignors to Pyroxylin Products, Inc., Chicago, Ill., a corporation of Illinois
Application May 2, 1931, Serial No. 534,612
8 Claims. (Cl. 173—264)



1. An electric insulation comprising an insulating body of rubber, a bonding coating of a nitrocellulose base containing solvent plasticizer whereby the coating is firmly adherent to the rubber, and a protective coating of cellulose acetate base on said first coating, said two coatings being united into a unitary film.

2,061,529
QUADDING AND CENTERING DEVICE

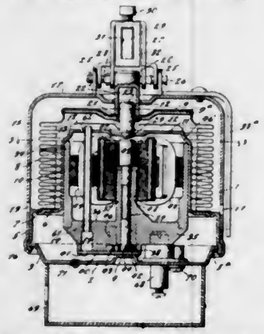
Ransom H. Turner, Little Neck, N. Y., assignor to Intertype Corporation, Brooklyn, N. Y., a corporation of New York
Application January 7, 1936, Serial No. 58,017
23 Claims. (Cl. 199—50)



1. In a slug casting machine having a pair of vise jaws and means for moving at least one of the jaws from a full length matrix line receiving position to close it against different length short matrix lines, line justifying means for expanding spacebands in the lines, and a jaw stop device located at a fixed point with respect to the line receiving position of the movable jaw and automatically operative at any closed position of the movable jaw to retain said jaw at a desired short line measure position.

2,061,530
CONTROL MEANS

Daniel D. Wile, Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich., a corporation of Michigan
Application June 10, 1932, Serial No. 616,539
13 Claims. (Cl. 60—52)



1. A device of the character described, comprising a hollow casing, a partition joining the side walls of said casing and dividing said casing internally into an expansion chamber and a reservoir, said chamber having a movable wall, a conduit connecting said reservoir and said chamber, a pump in said conduit to transfer fluid under pressure through said conduit from said reservoir to said chamber to move said wall, an electric motor housed in said reservoir, and a drive shaft connecting said motor and said pump.

13. A device of the character described, comprising a hollow casing including a chamber having a movable wall, a movable control means, a hollow stem external of said casing and operatively connecting said wall to said control means, a guide member within and rigid with said casing and extending into said stem to guide said wall, and means to transmit fluid pressure to said chamber.

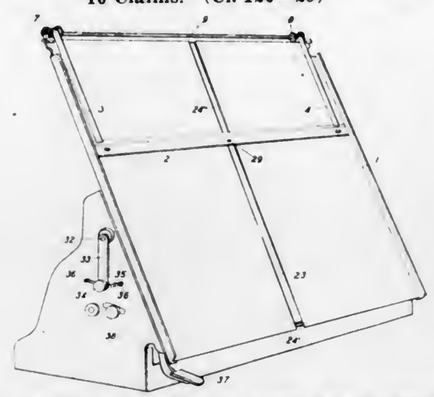
2,061,531
ANTIOXIDANT FOR RUBBER

William D. Wolfe, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Application June 2, 1934, Serial No. 728,704
26 Claims. (Cl. 18—50)

13. The method of preserving rubber which comprises treating rubber with the addition product of a phenol containing at least two discrete rings and an amine.

2,061,532
PEG BOARD

David Roe Zenner and Donald A. Nevin, Athens, Ohio, assignors to The McBee Company, Athens, Ohio, a corporation of Ohio
Application July 26, 1935, Serial No. 33,195
10 Claims. (Cl. 120—29)

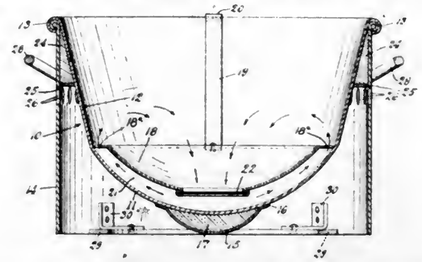


1. The combination with a peg board, having an inclined board, a cross bar adapted to receive a plurality of loose leaf sheets of paper, and mechanism to positively move said cross bar upwardly on said peg board; of means actuated by said mechanism to positively move said bar downwardly on said board.

2,061,533
COOKING UTENSIL

Frank A. Anetsberger, Chicago, Ill.
Application December 3, 1934, Serial No. 755,689
2 Claims. (Cl. 53—1)

1. A cooking utensil comprising a liquid container provided with upwardly directed side walls and a curved bottom, a heat insulating member positioned centrally of said bottom to insulate a central column of liquid thereabove, said bottom having an unobstructed concave inner surface providing a smooth unobstructed path for the passage of convection currents moving laterally along said bottom in a direction away from said central portion and toward said side walls, and a removable tray provided with handle means for engaging the receptacle for supporting the tray in position therein, said tray being shaped in substantial conformity with said bottom and spaced therefrom to provide a passage arcuate in cross section between said tray and bottom for the laterally moving liquid, said tray being spaced at the margin thereof from the inner surface of the container and provided with a screened opening above said insulating member whereby the application of heat to the bottom establishes convection currents comprising the insulated column of



liquid which descends through said screened opening to effect the accumulation of food particles within the tray and the laterally directed streams which flow through said passage past the margin of the tray and thence inwardly of the container to join the descending column.

2,061,534
FERTILIZER IN GRANULAR FORM

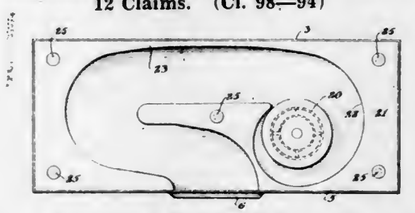
Otto Balz, Ludwigshafen-on-the-Rhine, Adolf Leber, Mannheim, and Heinrich Dickmann, Ludwigshafen - on - the - Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application July 18, 1933, Serial No. 680,976. In Germany July 20, 1932
8 Claims. (Cl. 71—61)

1. A process of producing a fertilizer in granular form, which comprises agitating a mixture essentially containing ammonium chloride and a carbonate of the alkaline earth metals or magnesium in a comminuted state in the proportion of from about 1 to 4 parts of ammonium chloride to about one part of the carbonate and having a water content of between about 7 and about 9 per cent, bringing the mixture into a granular form and then drying the granules.

6. A mixed fertilizer in granular form essentially comprising from about 1 to 4 parts of ammonium chloride and about 1 part of a carbonate of the alkaline earth metals or magnesium.

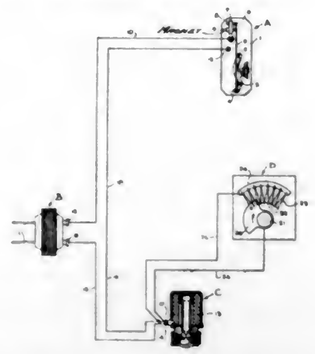
2,061,535
VENTILATOR

Charles Davies, New York, N. Y.
Application April 15, 1932, Serial No. 605,374
12 Claims. (Cl. 98—94)



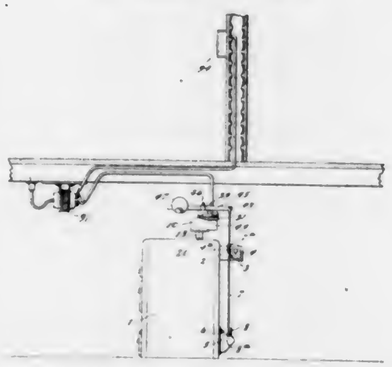
1. In a ventilator, a plate formed with a projecting air duct, an air impeller mounted to the wall of said duct in position to draw air therefrom, a block fitting over the impeller and supported by the plate and provided with a channel constituting a collecting scroll and delivery duct for the impeller.

2,061,536
ELECTRICAL CONTROL SYSTEM
Earnest J. Dillman, Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich., a corporation of Michigan
Application June 29, 1934, Serial No. 732,975
3 Claims. (Cl. 175—335)



1. In a temperature controlling system, a thermostat responsive to ambient temperature, means cooperable with said thermostat determining the temperature differential between opening and closing response of said thermostat to ambient temperature, an electrically operated means having a source of current supply and comprising the circuit load, said thermostat having switch contacts controlling current supply to said electrically operated means, said thermostat having a resistance to current flow acting to heat the thermostat when said contacts are closed, and electrical resistance means in parallel circuit with said load for regulating the heating of said thermostat thereby to vary the thermostat differential determined by said first-named means.

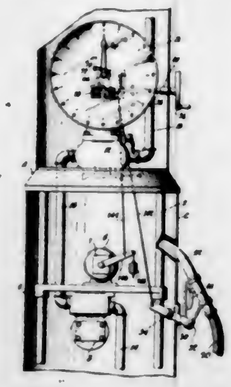
2,061,537
REGULATOR FOR HEATING APPARATUS
Lewis W. Eggleston, Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich., a corporation of Michigan
Application March 11, 1933, Serial No. 660,345
Renewed April 21, 1934
26 Claims. (Cl. 236—9)



2. An apparatus of the character described, comprising a lever, means adapted to respond to a condition within a heating apparatus to move said lever in one direction, a second lever movable toward and away from said first lever and operable to engage said first lever to move it in said one direction, a spring normally tending to cause said second lever to move said first lever in said one direction, and thermostatically controlled means operable to overcome said spring and move said second lever away from said first lever.

25. In a device of the character described, a chambered element having a movable operating wall, an open-ended tubular bulb member having internal shoulders adjacent its open ends, plug members closing and sealing the open ends of said bulb member and fixed against said shoulders, a conduit establishing communication between the interior of said element and the interior of said bulb member, an electric heating element surrounding said bulb member and electrically insulated therefrom, and a volatile liquid in said bulb member operable upon expansion to move said wall when said heating element is energized.

2,061,538
SIGNAL DEVICE FOR DISPENSING PUMPS
Charles S. Hazard, New York, N. Y., assignor to Neptune Meter Company, a corporation of New Jersey
Application March 16, 1936, Serial No. 69,059
15 Claims. (Cl. 221—95)



1. In a warning signal for dispensing pumps, a member having two designations thereon, each of which is individually exposable to view, a movable arm carrying said member, a latch lever operatively connected to said arm for moving the member, and control means movable to two positions, in one of which the latch lever is engageable with the control means and in the other the latch member passes beyond the control means, to thereby expose the designation corresponding to the position of the control means.

2,061,539
SOLE FOR BOOTS AND SHOES
Laurie S. Macdonald and Oscar N. Johnson, Brockton, Mass., assignors to Thompson Bros. Shoe Co., Brockton, Mass., a corporation of Massachusetts
Application January 28, 1933, Serial No. 654,064
1 Claim. (Cl. 36—43)

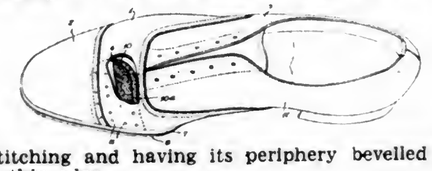
An innersole for a shoe comprising a forepart, shank and heel portions, the shank being stiffened by upturned lateral wings and the forepart being permanently flexibilized throughout its area



through the absorption of sulphonated oil to render it pliable in all directions.

2,061,540
SHOE
Laurie S. Macdonald and Joseph E. Small, Brockton, Mass., assignors to Thompson Bros. Shoe Co., Brockton, Mass., a corporation of Massachusetts
Application December 11, 1933, Serial No. 701,821
3 Claims. (Cl. 36—8.5)

3. Foot protecting means for a shoe of the type having vamp, lining and bottom members, comprising a soft pad of yielding felt interposed between the vamp and the lining to subtend that portion of the shoe subtending the ball joint forwardly of the instep, said pad being secured directly to the bottom member of the shoe by



stitching and having its periphery bevelled to a thin edge.

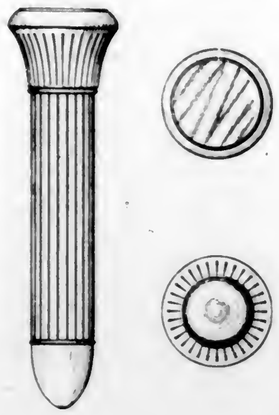
2,061,541
DEWAXING HYDROCARBON OIL
Francis X. Govers, Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill., a corporation of Maine
No Drawing. Application October 24, 1934, Serial No. 749,822. In France May 8, 1934
5 Claims. (Cl. 196—19)

2. The method of dewaxing wax-bearing mineral oil containing liquid hydrocarbon constituents which precipitate from a solvent mixture consisting of 35% acetone and 65% benzol at a higher temperature than that at which the benzol precipitates therefrom to produce oil of 0° F. or below pour test which comprises mixing with the wax-bearing oil a solvent liquid mixture of aliphatic ketone, benzol and toluol, homogeneous at temperatures of —10° F. and below comprising around 35% acetone and from 5% to 30% of toluol, and of such a nature that upon cooling the mixture of solvent liquids and wax-bearing oil to 0° F. and below and removing the solid hydrocarbons so precipitated and the solvent liquid the resulting oil has a pour test corresponding substantially to the temperature at which the wax was removed from the mixture, chilling the mixture to a temperature of 0° F. and below, and removing therefrom the solid hydrocarbons so precipitated.

DESIGNS

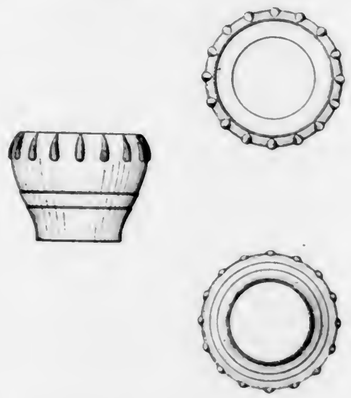
NOVEMBER 17, 1936

101,929
DESIGN FOR A FLASHLIGHT CASING
Colin Douglas Barrett, Watertown, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application October 2, 1936, Serial No. 65,143
Term of patent 14 years



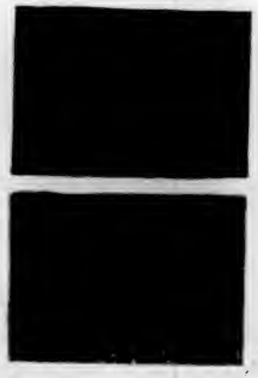
The ornamental design for a flashlight casing, substantially as shown.

101,930
DESIGN FOR A FLASHLIGHT HEAD SHELL
Colin Douglas Barrett, Watertown, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application October 2, 1936, Serial No. 65,144
Term of patent 14 years



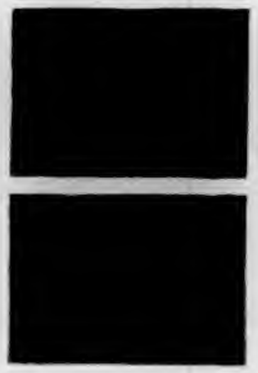
The ornamental design for a flashlight head shell, substantially as shown.

101,931
DESIGN FOR A TEXTILE FABRIC
Albert J. Bartson, Ridgewood, N. J.
Application September 1, 1936, Serial No. 64,669
Term of patent 3½ years



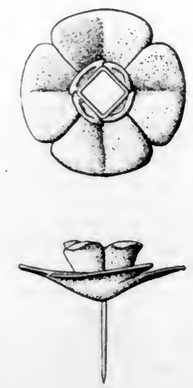
The ornamental design for a textile fabric, substantially as shown.

101,932
DESIGN FOR A TEXTILE FABRIC
Albert J. Bartson, Ridgewood, N. J.
Application September 1, 1936, Serial No. 64,670
Term of patent 3½ years



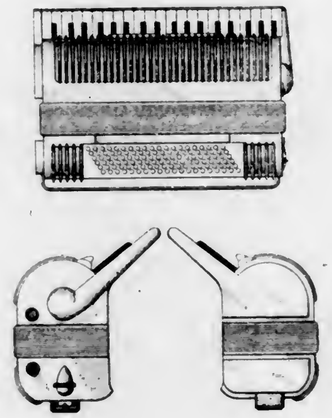
The ornamental design for a textile fabric, substantially as shown.

101,933
DESIGN FOR A CANDLE HOLDER
Joseph Brenowitz and Ida Gottlieb, New York, N. Y.
Application July 15, 1936, Serial No. 63,872
Term of patent 7 years



The ornamental design for a candle holder, as shown.

101,934
DESIGN FOR A PIANO ACCORDION
Robert D. Budlong, Chicago, Ill., assignor to Chicago Musical Instrument Company, Chicago, Ill., a corporation of Illinois
Application September 28, 1936, Serial No. 65,035
Term of patent 7 years



The ornamental design for a piano accordion as shown.

101,935
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Emanuel Castro, New York, N. Y., assignor to William Willheim Co. Inc., New York, N. Y.
Application October 27, 1936, Serial No. 65,524
Term of patent 3½ years



The ornamental design for a textile fabric or similar article as shown and described.

101,936
DESIGN FOR AN OVERSHOE
Bates B. Craver, Waterbury, Conn., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
Application April 11, 1936, Serial No. 62,059
Term of patent 3½ years



The ornamental design for an overshoe as shown.

101,937
DESIGN FOR AN OVERSHOE
Bates B. Craver, Waterbury, Conn., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
Application April 11, 1936, Serial No. 62,060
Term of patent 3½ years



The ornamental design for an overshoe as shown.

101,938
DESIGN FOR A GOBLET OR SIMILAR ARTICLE
Andrew J. Cunningham, Snyder, N. Y.
Application September 9, 1936, Serial No. 64,780
Term of patent 7 years



The ornamental design for a goblet or similar article, substantially as shown.

101,939
DESIGN FOR A GOBLET OR SIMILAR ARTICLE
Andrew J. Cunningham, Snyder, N. Y.
Application September 9, 1936, Serial No. 64,781
Term of patent 7 years



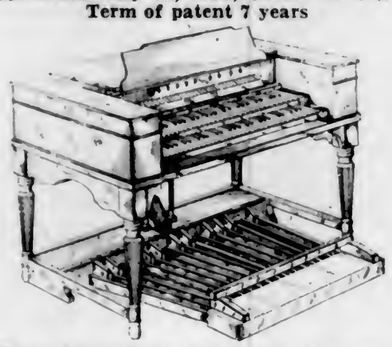
The ornamental design for a goblet or similar article, substantially as shown.

101,940
DESIGN FOR A GOBLET OR SIMILAR ARTICLE
Andrew J. Cunningham, Snyder, N. Y.
Application September 9, 1936, Serial No. 64,782
Term of patent 7 years



The ornamental design for a goblet or similar article, substantially as shown.

101,941
DESIGN FOR AN ORGAN CONSOLE
Wilbur M. Day, Cincinnati, Ohio, assignor to The Baldwin Company, Cincinnati, Ohio
Application July 23, 1936, Serial No. 64,014
Term of patent 7 years



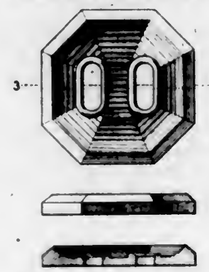
The ornamental design for an organ console as shown.

101,942
DESIGN FOR A TEXTILE FABRIC
Donald T. Duncan, Mount Vernon, N. Y.
Application September 1, 1936, Serial No. 64,659
Term of patent 3½ years



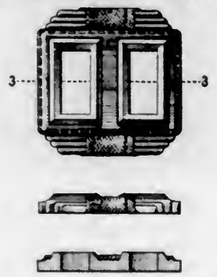
The ornamental design for a textile fabric, substantially as shown.

101,943
DESIGN FOR A BUTTON
Fred H. Fisher, Syracuse, N. Y., assignor to Morris W. Haft & Brothers, Inc., New York, N. Y., a corporation of New York
Application June 17, 1936, Serial No. 63,351
Term of patent 3½ years



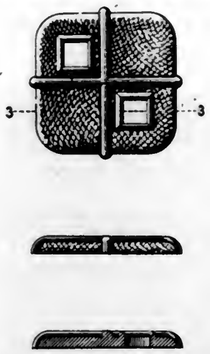
The ornamental design for a button, substantially as shown.

101,944
DESIGN FOR A BUTTON
Fred H. Fisher, Syracuse, N. Y., assignor to Morris W. Haft & Brothers, Inc., New York, N. Y., a corporation of New York
Application June 17, 1936, Serial No. 63,352
Term of patent 3½ years



The ornamental design for a button, substantially as shown.

101,945
DESIGN FOR A BUTTON
Fred H. Fisher, Syracuse, N. Y., assignor to Morris W. Haft & Brothers, Inc., New York, N. Y., a corporation of New York
Application June 17, 1936, Serial No. 63,353
Term of patent 3½ years



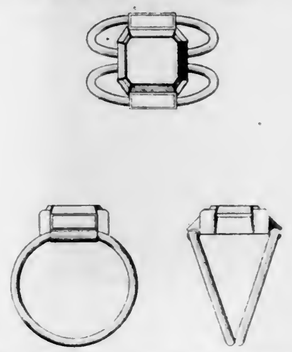
The ornamental design for a button, substantially as shown.

101,946
DESIGN FOR A BUCKLE
John B. Freysinger, New Britain, Conn.
Application September 4, 1936, Serial No. 64,715
Term of patent 3½ years



The ornamental design for a buckle as shown.

101,947
DESIGN FOR A FINGER RING OR SIMILAR ARTICLE
Maurice Hagerstrom, East Orange, N. J.
Application October 10, 1936, Serial No. 65,246
Term of patent 3½ years



The ornamental design for a finger ring or similar article as shown.

101,948
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Jacques Heim, Paris, France
Application October 22, 1936, Serial No. 65,415
Term of patent 3½ years



The ornamental design for a textile fabric, or similar article, substantially as shown.

101,949
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Jacques Heim, Paris, France
Application October 22, 1936, Serial No. 65,416
Term of patent 3½ years



The ornamental design for a textile fabric, or similar article, substantially as shown.

101,950
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Jacques Heim, Paris, France
Application October 22, 1936, Serial No. 65,417
Term of patent 3½ years



The ornamental design for a textile fabric, or similar article, substantially as shown.

101,951
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Jacques Heim, Paris, France
Application October 22, 1936, Serial No. 65,418
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, substantially as shown.

101,952
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Jacques Heim, Paris, France
Application October 22, 1936, Serial No. 65,419
Term of patent 3½ years



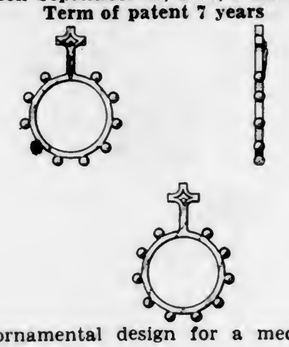
The ornamental design for a textile fabric or similar article, substantially as shown.

101,953
DESIGN FOR A HANDLE BAR
Harry H. Henry, Chicago, Ill., assignor to Battery Patents Corporation, Chicago, Ill., a corporation of Illinois
Application September 19, 1936, Serial No. 64,929
Term of patent 14 years



The ornamental design for a handle bar, as shown.

101,954
DESIGN FOR A MEDALLION
Mary C. Holmes, New York, N. Y.
Application September 23, 1936, Serial No. 64,981
Term of patent 7 years



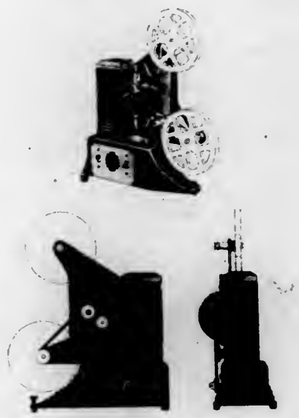
The ornamental design for a medallion, as shown.

101,955
DESIGN FOR A COMBINED BEVERAGE MEASURE AND DISPENSER
Robert Lee Humbard, Palm Springs, and Richard J. Burke, Altadena, Calif.
Application August 13, 1936, Serial No. 64,401
Term of patent 14 years



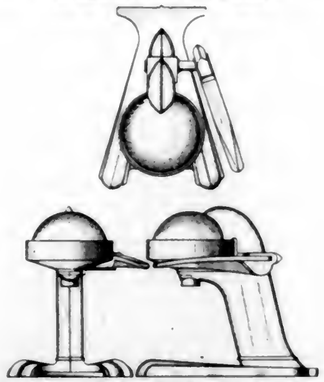
The ornamental design for a combined beverage measure and dispenser, as shown.

101,956
DESIGN FOR A PROJECTOR OR SIMILAR ARTICLE
George Kende, New York, and Everett M. Porter, Brooklyn, N. Y., assignors to Universal Camera Corporation, New York, N. Y., a corporation of New York
Application August 7, 1936, Serial No. 64,286
Term of patent 14 years



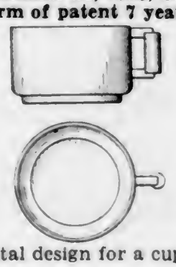
The ornamental design for a projector or similar article substantially as shown and described.

101,957
DESIGN FOR A FRUIT JUICE EXTRACTOR
William P. Koch, Oak Park, Ill., assignor to Chicago Die Casting Mfg. Co., Chicago, Ill., a corporation of Illinois
Application September 17, 1936, Serial No. 64,902
Term of patent 7 years



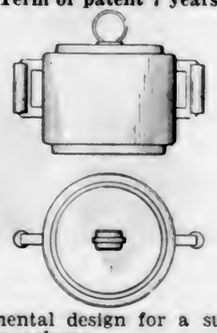
The ornamental design for a fruit juice extractor as shown.

101,958
DESIGN FOR A CUP OR SIMILAR ARTICLE
Belle Kogan, New York, N. Y., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa., a corporation of Delaware
Application September 24, 1936, Serial No. 64,990
Term of patent 7 years



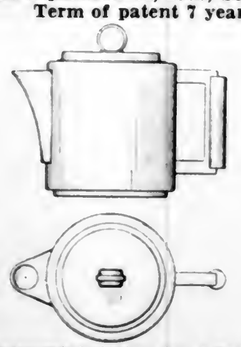
The ornamental design for a cup or similar article as shown.

101,959
DESIGN FOR A SUGAR BOWL OR SIMILAR ARTICLE
Belle Kogan, New York, N. Y., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa., a corporation of Delaware
Application September 24, 1936, Serial No. 64,991
Term of patent 7 years



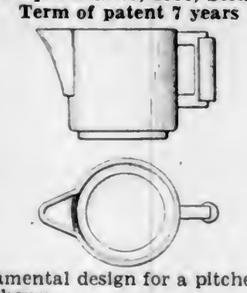
The ornamental design for a sugar bowl or similar article as shown.

101,960
DESIGN FOR A TEAPOT OR SIMILAR ARTICLE
Belle Kogan, New York, N. Y., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa., a corporation of Delaware
Application September 24, 1936, Serial No. 64,992
Term of patent 7 years



The ornamental design for a teapot or similar article as shown.

101,961
DESIGN FOR A PITCHER OR SIMILAR ARTICLE
Belle Kogan, New York, N. Y., assignor to Ebeling & Reuss, Inc., Philadelphia, Pa., a corporation of Delaware
Application September 24, 1936, Serial No. 64,993
Term of patent 7 years



The ornamental design for a pitcher or similar article as shown.

101,962
DESIGN FOR AN UPHOLSTERY NAIL
Louis Le Breux, Waterbury, Conn., assignor to The Beardsley & Wolcott Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application June 22, 1936, Serial No. 63,424
Term of patent 14 years



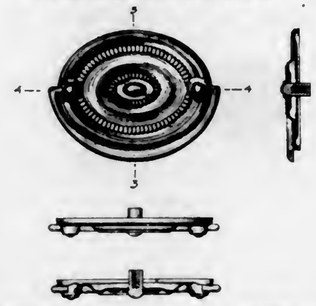
The ornamental design for an upholstery nail as shown and described.

101,963
DESIGN FOR A SHOE OR A SIMILAR ARTICLE
Wallace Bradley Mackey, Upper Montclair, N. J.
Application September 30, 1936, Serial No. 65,069
Term of patent 7 years



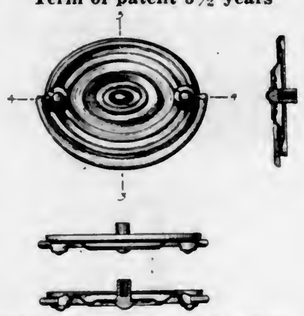
The ornamental design for a shoe or a similar article, as shown.

101,964
DESIGN FOR A DRAWER PULL
Raymond H. Martin, Bridgeport, Conn., assignor to The Bassick Company, Bridgeport, Conn., a corporation of Connecticut
Application August 26, 1936, Serial No. 64,575
Term of patent 3½ years



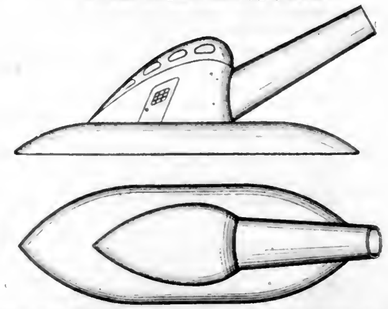
The ornamental design for a drawer pull, as shown.

101,965
DESIGN FOR A DRAWER PULL
Raymond H. Martin, Bridgeport, Conn., assignor to The Bassick Company, Bridgeport, Conn., a corporation of Connecticut
Application August 26, 1936, Serial No. 64,576
Term of patent 3½ years



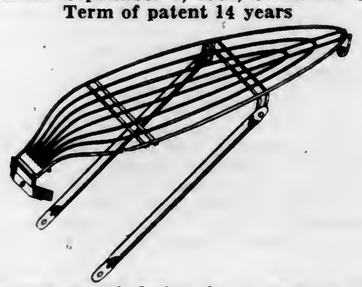
The ornamental design for a drawer pull, as shown.

101,966
DESIGN FOR A TOY CANNON
Henry J. Nycz, Milwaukee, Wis.
Application September 23, 1936, Serial No. 64,983
Term of patent 3½ years



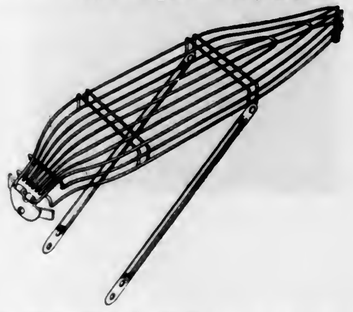
The ornamental design for a toy cannon, substantially as shown.

101,967
DESIGN FOR A LUGGAGE CARRIER FOR BICYCLES OR THE LIKE
Ewald F. Pawsat, Maysville, Ky., assignor to Wald Manufacturing Company, Incorporated, a corporation of Kentucky
Application September 9, 1936, Serial No. 64,774
Term of patent 14 years



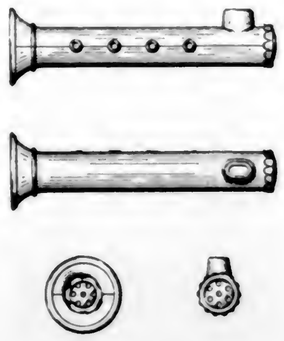
The ornamental design for a luggage carrier for bicycles or the like, as shown.

101,968
DESIGN FOR A BICYCLE LUGGAGE CARRIER
Ewald F. Pawsat, Maysville, Ky., assignor to Wald Manufacturing Company, Incorporated, a corporation of Kentucky
Application September 17, 1936, Serial No. 64,907
Term of patent 14 years



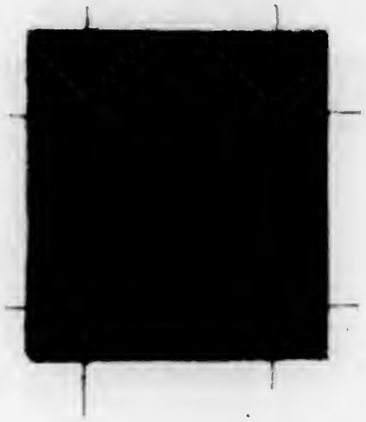
The ornamental design for a bicycle luggage carrier, as shown.

101,969
DESIGN FOR A HUMMING MUSICAL INSTRUMENT
Robert D. Peebles, Waterbury, Conn., assignor to The Waterbury Button Company, Waterbury, Conn., a corporation of Connecticut
Application September 23, 1936, Serial No. 64,977
Term of patent 7 years



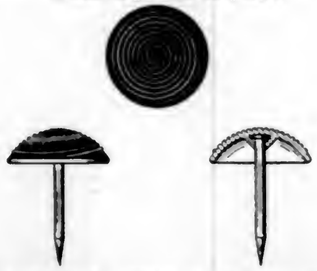
The ornamental design for a humming musical instrument as shown.

101,970
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Paul Reiman, New York, N. Y., assignor to Yale Fabrics Corp., New York, N. Y.
Application October 27, 1936, Serial No. 65,523
Term of patent 3½ years



The ornamental design for a textile fabric or similar article as shown and described.

101,971
DESIGN FOR AN UPHOLSTERY NAIL
Otto Schuster, Prospect, Conn., assignor to The Beardsley & Wolcott Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application June 22, 1936, Serial No. 63,425
Term of patent 14 years



The ornamental design for an upholstery nail as shown and described.

101,972
DESIGN FOR AN UPHOLSTERY NAIL
Otto Schuster, Prospect, Conn., assignor to The Beardsley & Wolcott Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application July 31, 1936, Serial No. 64,151
Term of patent 7 years



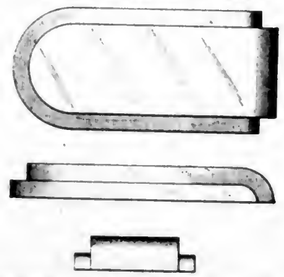
The ornamental design for an upholstery nail as shown and described.

101,973
DESIGN FOR AN UPHOLSTERY NAIL
Otto Schuster, Prospect, Conn., assignor to The Beardsley & Wolcott Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application July 31, 1936, Serial No. 64,152
Term of patent 14 years



The ornamental design for an upholstery nail as shown and described.

101,974
DESIGN FOR A BASE FOR A DESK SET OR THE LIKE
Gustav J. Sengbusch, Milwaukee, Wis.
Application October 5, 1936, Serial No. 65,166
Term of patent 7 years



The ornamental design for a base for a desk set or the like substantially as shown.

101,975
DESIGN FOR A CARPET SWEEPER
Earle R. Smith, Alhambra, Calif., assignor to Gillette Sweeper Corp. Ltd., Los Angeles, Calif., a corporation of Nevada
Application August 11, 1933, Serial No. 48,999
Term of patent 14 years



The ornamental design for a carpet sweeper, as shown and described.

101,976
DESIGN FOR A LOUNGE CHAIR
Milton B. Smith, Perrysburg, Ohio, assignor to The Hettrick Manufacturing Company, Toledo, Ohio, a corporation of Ohio
Application March 11, 1936, Serial No. 61,580
Term of patent 3½ years



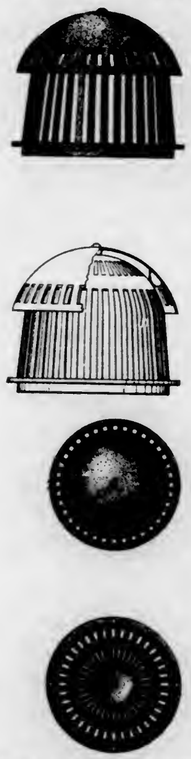
The ornamental design for a lounge chair, as shown and described.

101,977
DESIGN FOR A SHOE
Henry Zuckerman, New York, N. Y.
Application September 24, 1936, Serial No. 64,987
Term of patent 3½ years



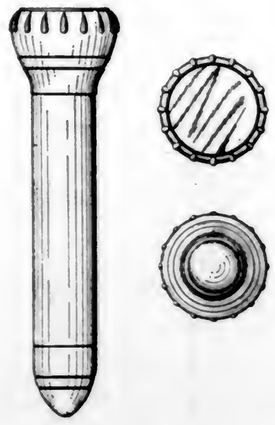
The ornamental design for a shoe, as shown and described.

101,978
DESIGN FOR A DRAIN
David S. Williams, Portland, Oreg.
Application April 4, 1936, Serial No. 61,951
Term of patent 14 years



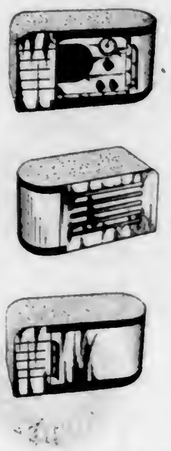
The ornamental design for a drain, substantially as shown and described.

101,979
DESIGN FOR A FLASHLIGHT CASING
Colin Douglas Barrett, Watertown, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application October 2, 1936, Serial No. 65,145
Term of patent 14 years



The ornamental design for a flashlight casing substantially as shown.

101,980
DESIGN FOR A RADIO RECEIVING CABINET
Frederick M. Breen, New York, N. Y., assignor to Dictograph Products Company, Inc., a corporation of Delaware
Application October 19, 1936, Serial No. 65,359
Term of patent 3½ years



The ornamental design for a radio receiving cabinet substantially as shown.

101,981
DESIGN FOR A RADIO RECEIVING SET
Daniel J. Crowley, Grosse Pointe, Mich.
Application February 3, 1936, Serial No. 60,957
Term of patent 14 years



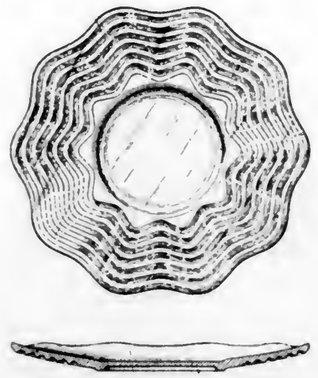
The ornamental design for a radio receiving set substantially as shown and described.

101,982
DESIGN FOR A COMBINED HAIR BRUSH AND COMB
John Denman Dean, Tolworth, England
Application May 15, 1936, Serial No. 62,667
Term of patent 7 years



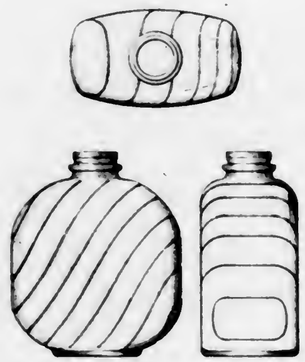
The ornamental design for a combined hairbrush and comb as shown.

101,983
DESIGN FOR A GLASS PLATE OR SIMILAR ARTICLE
James E. Duncan, 3d, and Robert A. May, Washington, Pa., assignors to The Duncan & Miller Glass Company, Washington, Pa., a corporation of Pennsylvania
Application January 31, 1936, Serial No. 60,910
Term of patent 7 years



The ornamental design for a glass plate or similar article substantially as shown and described.

101,984
DESIGN FOR A BOTTLE
Edwin W. Fuerst, Toledo, Ohio, assignor to Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio
Application September 30, 1936, Serial No. 65,085
Term of patent 14 years



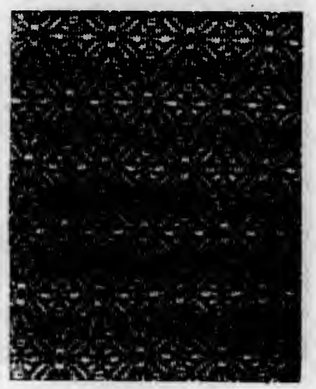
The ornamental design for a bottle substantially as shown.

101,985
DESIGN FOR A RANGE OR SIMILAR ARTICLE
James R. Haley, New York, N. Y., assignor to Welbilt Stove Company, Inc., Maspeth, N. Y., a corporation of New York
Application May 25, 1936, Serial No. 62,814
Term of patent 7 years



The ornamental design for a range or similar article substantially as shown and described.

101,986
DESIGN FOR LACE
Laurence E. Hart and Herbert E. Lewy, New York, N. Y.
Application October 24, 1936, Serial No. 65,471
Term of patent 3½ years



The ornamental design for lace, substantially as shown.

101,987
DESIGN FOR LACE
Laurence E. Hart and Herbert E. Lewy, New York, N. Y.
Application October 24, 1936, Serial No. 65,472
Term of patent 3½ years



The ornamental design for lace, substantially as shown.

101,988
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Jacques Heim, Paris, France
Application October 21, 1936, Serial No. 65,409
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, substantially as shown.

101,989
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Jacques Heim, Paris, France
Application October 24, 1936, Serial No. 65,469
Term of patent 3½ years

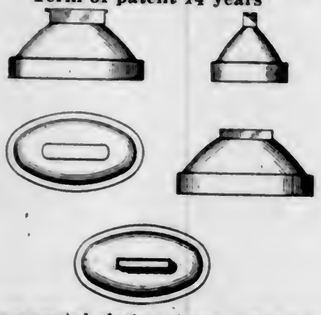


The ornamental design of a textile fabric or similar article, substantially as shown.

101,990
DESIGN FOR A RADIATOR ORNAMENT
Franklin Q. Hershey, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application October 5, 1936, Serial No. 65,161
Term of patent 3½ years

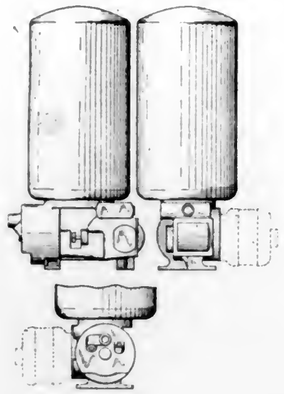
The ornamental design for a radiator ornament, as shown.

101,991
DESIGN FOR A DISPENSING TOP FOR CONTAINERS
Clen S. Humphrey, Brooklyn, N. Y.
Application February 15, 1936, Serial No. 61,184
Term of patent 14 years



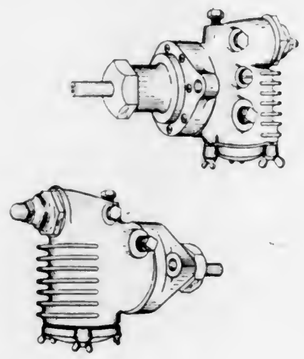
The ornamental design for a dispensing top for containers, substantially as shown.

101,992
DESIGN FOR A WATER SYSTEM PUMP UNIT
Swan E. Larson, Rockford, Ill., assignor to Geo. D. Roper Corporation, Rockford, Ill., a corporation of Illinois
Application June 8, 1936, Serial No. 63,096
Term of patent 7 years



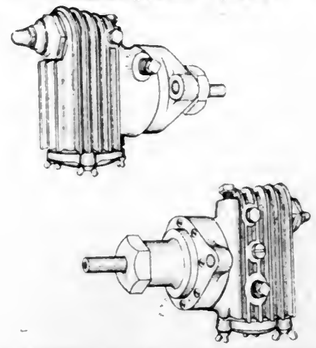
The ornamental design for a water system pump unit, substantially as shown and described.

101,993
DESIGN FOR A PUMP UNIT FOR OIL BURNERS
Emert J. Lattner, Cedar Rapids, Iowa
Application May 4, 1936, Serial No. 62,461
Term of patent 7 years



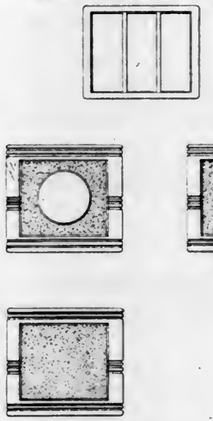
The ornamental design for a pump unit for oil burners as shown.

101,994
DESIGN FOR A PUMP UNIT FOR OIL BURNERS
Emert J. Lattner, Cedar Rapids, Iowa
Application May 4, 1936, Serial No. 62,462
Term of patent 7 years



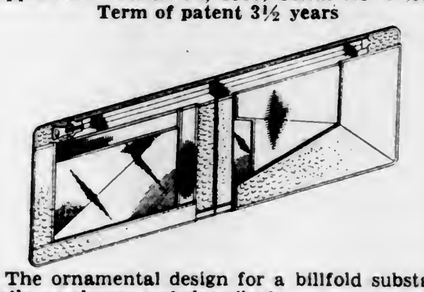
The ornamental design for a pump unit for oil burners as shown.

101,995
DESIGN FOR A BATTERY BOX
Raymond Le Clercq, Los Angeles, Calif.
Application August 25, 1936, Serial No. 64,564
Term of patent 7 years



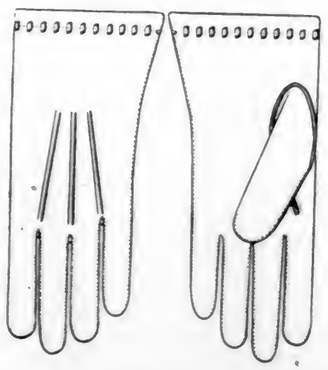
The ornamental design for a battery box as shown and described.

101,996
DESIGN FOR A BILLFOLD
Corry T. Meeker, Joplin, Mo.
Application March 14, 1936, Serial No. 61,635
Term of patent 3½ years



The ornamental design for a billfold substantially as shown and described.

101,997
DESIGN FOR A GLOVE
Wallace E. Meyers, New York, N. Y.
Application August 29, 1936, Serial No. 64,637
Term of patent 7 years



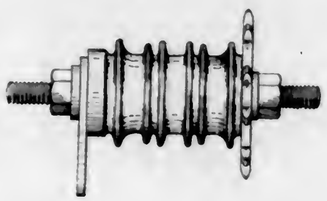
The ornamental design for a glove, substantially as shown and described.

101,998
DESIGN FOR A RADIATOR ORNAMENT
Wilfred R. Milner, Birmingham, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application October 5, 1936, Serial No. 65,160
Term of patent 3½ years



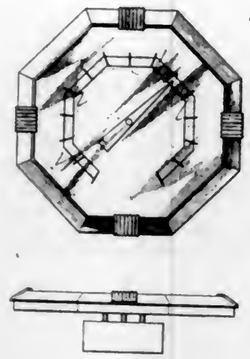
The ornamental design for a radiator ornament as shown.

101,999
DESIGN FOR A COASTER BRAKE
Alvin J. Musselman, Cleveland Heights, Ohio
Application August 4, 1936, Serial No. 64,235
Term of patent 14 years



The ornamental design for a coaster brake, substantially as shown and described.

102,000
DESIGN FOR AN INSTRUMENT CASE
Harry Y. Norwood, West Rush, and Harold S. Robbins, Rochester, N. Y., assignors to Taylor Instrument Companies, Rochester, N. Y., a corporation of New York
Application October 6, 1936, Serial No. 65,184
Term of patent 14 years



The ornamental design for an instrument case, as shown.

102,001
DESIGN FOR AN INDUCTION COIL CASING
Peter Piffath, Elmhurst, N. Y.
Application February 8, 1936, Serial No. 61,042
Term of patent 14 years



The ornamental design for an induction coil casing, as shown.

102,002
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Ludolf Portong, New York, N. Y.
Application October 24, 1936, Serial No. 65,470
Term of patent 3½ years



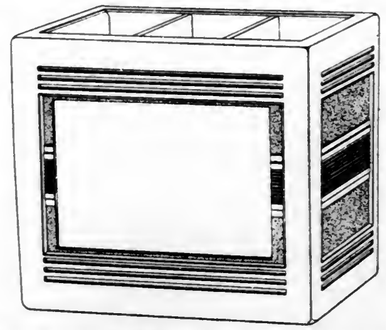
The ornamental design for a textile fabric or similar article, substantially as shown, and described.

102,003
DESIGN FOR A COMBINED LIQUOR CONTAINER CLUSTER AND SUPPORT THEREFOR
Carl Raetsch, Grunberg, Germany
Application August 8, 1935, Serial No. 58,006
Term of patent 3½ years



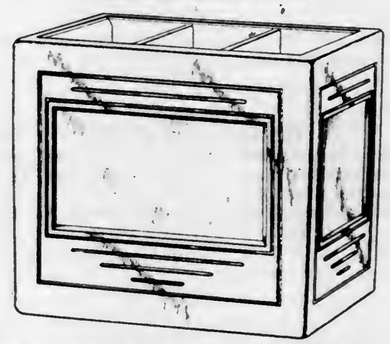
The ornamental design for a combined liquor container cluster and support therefor, as shown.

102,004
DESIGN FOR A STORAGE BATTERY CASE
Oliver O. Rieser, Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio, a corporation of Ohio
Application September 28, 1936, Serial No. 65,031
Term of patent 7 years



The ornamental design for a storage battery case, as shown and described.

102,005
DESIGN FOR A STORAGE BATTERY CASE
Oliver O. Rieser, Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio, a corporation of Ohio
Application September 28, 1936, Serial No. 65,032
Term of patent 7 years



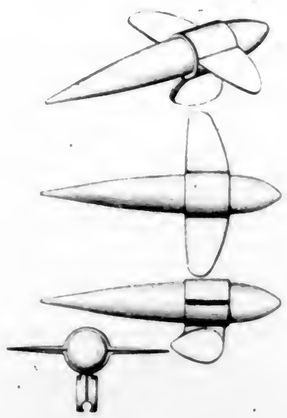
The ornamental design for a storage battery case, as shown and described.

102,006
DESIGN FOR A DISPLAY CONTAINER OR SIMILAR ARTICLE
John C. O. Ritzenthaler, Montclair, N. J.
Application May 14, 1936, Serial No. 62,639
Term of patent 3½ years



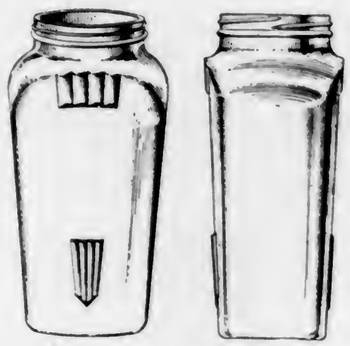
The ornamental design for a display container or similar article substantially as shown.

102,007
DESIGN FOR AN AUTOMOBILE RADIATOR CAP ORNAMENT
Albert Sebek, Cicero, Ill.
Application September 8, 1936, Serial No. 64,761
Term of patent 3½ years



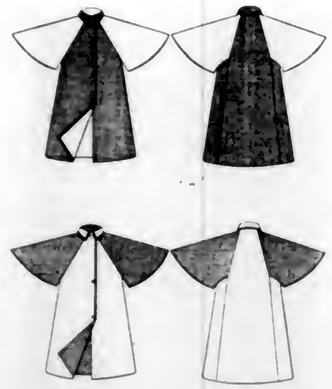
The ornamental design for an automobile radiator cap ornament as shown.

102,008
DESIGN FOR A JAR
Frasier Smith, Wheeling, W. Va., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va., a corporation of West Virginia
Application September 30, 1936, Serial No. 65,084
Term of patent 7 years



The ornamental design for a jar, as shown.

102,009
DESIGN FOR A REVERSIBLE RAINCAPE
Jacob Stein, New York, N. Y.
Application October 2, 1935, Serial No. 58,798
Term of patent 3½ years



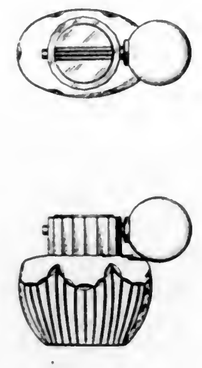
The ornamental design for a reversible raincape substantially as shown.

102,010
DESIGN FOR A DRESS
William G. Steinman, New York, N. Y.
Application October 22, 1936, Serial No. 65,420
Term of patent 3½ years



The ornamental design for a dress substantially as shown.

102,011
DESIGN FOR AN ATOMIZER
Frederic A. Vuillemenot, Toledo, Ohio
Application September 2, 1936, Serial No. 64,689
Term of patent 7 years



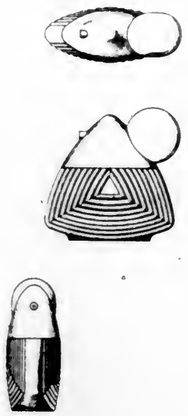
The ornamental design for an atomizer substantially as shown.

102,012
DESIGN FOR AN ATOMIZER
Frederic A. Vuillemenot, Toledo, Ohio
Application September 8, 1936, Serial No. 64,753
Term of patent 7 years



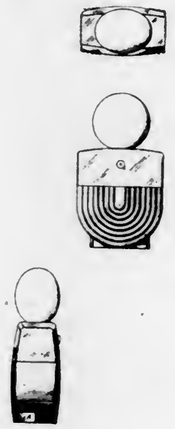
The ornamental design for an atomizer substantially as shown and described.

102,013
DESIGN FOR AN ATOMIZER
Frederic A. Vuillemenot, Toledo, Ohio
Application September 9, 1936, Serial No. 64,776
Term of patent 7 years



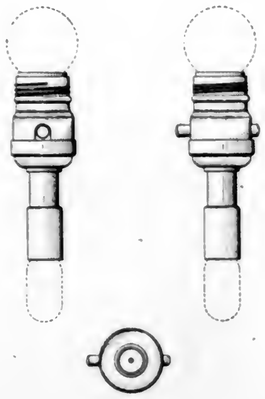
The ornamental design for an atomizer substantially as shown.

102,014
DESIGN FOR AN ATOMIZER
Frederic A. Vuillemenot, Toledo, Ohio
Application September 9, 1936, Serial No. 64,777
Term of patent 7 years



The ornamental design for an atomizer substantially as shown.

102,015
DESIGN FOR A TWIN SOCKET LIGHTING UNIT
George H. Weiner, Chicago, Ill.
Application August 24, 1936, Serial No. 64,546
Term of patent 14 years



The ornamental design for a twin socket lighting unit, as shown.

102,016
DESIGN FOR A CONTAINER
Georges Wilmet, New York, N. Y., assignor to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania
Application August 24, 1936, Serial No. 64,536
Term of patent 7 years



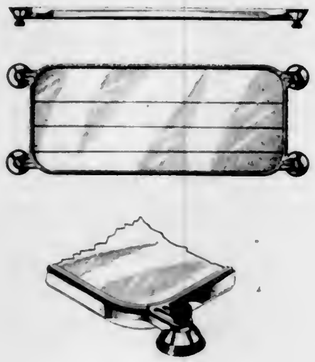
The ornamental design for a container as shown.

102,017
DESIGN FOR A FLASHLIGHT HEAD SHELL
Colin Douglas Barrett, Watertown, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application October 10, 1936, Serial No. 65,238
Term of patent 14 years



The ornamental design for a flashlight head shell substantially as shown.

102,018
DESIGN FOR AN ELECTRIC WINDSHIELD HEATER
Joseph H. Cohen, Bridgeport, Conn., assignor to Casco Products Corporation, Bridgeport, Conn., a corporation of Connecticut
Application September 15, 1934, Serial No. 53,292
Term of patent 7 years



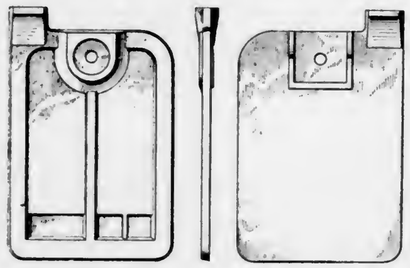
The ornamental design for an electric windshield heater, as shown.

102,019
DESIGN FOR LACE
Jean Dognin, New York, N. Y.
Application October 24, 1936, Serial No. 65,474
Term of patent 3½ years



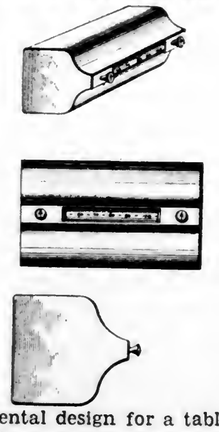
The ornamental design for lace, substantially as shown.

102,020
DESIGN FOR A BATTERY ELECTRODE ELEMENT
Albert I. Eddy, Hillside, N. J., assignor to Thomas A. Edison, Incorporated, West Orange, N. J., a corporation of New Jersey
Application October 14, 1936, Serial No. 65,300
Term of patent 14 years



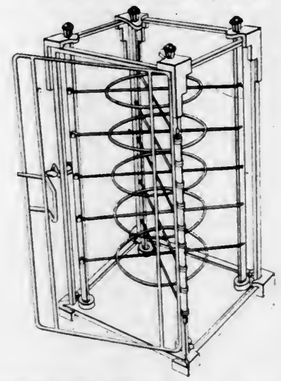
The ornamental design for a battery electrode element, as shown.

102,021
DESIGN FOR A TABLE RADIO CABINET
Arthur C. Heise and Millard W. Jacobi, Baltimore, Md.
Application September 19, 1936, Serial No. 64,932
Term of patent 3½ years



The ornamental design for a table radio cabinet, as shown.

102,022
DESIGN FOR A SHOWCASE
Peter Wilson, Berkeley, Calif.
Application July 29, 1936, Serial No. 64,118
Term of patent 7 years



The ornamental design for a showcase, substantially as shown.

THE PATENT OFFICE

100 YEARS AGO

...and Today

ON JULY 4, 1936, the present patent system became one hundred years old and it is only fitting, as a feature of the Centennial Celebration in connection with the patent system, that a comparison of the Patent Office then and now should be made. Therefore, there is given below the number of the first patent issued in each 10-year period, Patent No. 1 being issued July 28, 1836:

YEAR	NO. FIRST PATENT ISSUED
1840	1,465
1850	6,981
1860	26,642
1870	98,460
1880	223,211
1890	418,665
1900	640,167
1910	945,010
1920	1,326,899
1930	1,742,181
1936	2,026,517

These figures show that the business of the Patent Office has steadily increased since the foundation of this system.

In 1836, when the act was passed, the Patent Office was under the jurisdiction of the Secretary of State. It was subsequently transferred to the Department of the Interior and then to the Department of Commerce. Since the passage of the Act of 1836, the Patent Office has been visited by two disastrous fires—one in 1836, within 6 months after the enactment of that law, and again in 1877. During the past 100 years the work of the Patent Office has been administered by 33 Commissioners, the present Commissioner, Conway P. Coe, being one of the youngest men ever to hold that office.

Many changes have been made since the enactment of the original law of 1836, each change being designed to facilitate the business of the office and further the interests of the patent system. The bill which became a law on July 4, 1836, provided that the Patent Office be established in the Department of State and should be in charge of a Commissioner appointed by the President by and with the consent of the Senate, an Assistant Commissioner, a Chief Clerk, two other clerks, both of whom should be competent draftsmen, an examiner of patents, an inferior clerk, a machinist, and a messenger. Compare this personnel with the personnel in 1936, with 696 technical men, the remainder of the force of practically 1,350 employees having a clerical status. The Patent Office has the largest force of technical men assembled under one roof of any of the bureaus, and handles more varied questions, it is believed, than any other Government bureau.

In addition to the work of passing on applications for patents, the Patent Office handles the work in connection with the registration of trade-marks and the registration of prints and labels.

One of the largest scientific libraries in the country is a part of the Patent Office organization, having records of patents of nearly every country, and it has the only complete record available for search purposes of the United States patents.

The growth of the Patent Office during the last 100 years has been in accord with the growth of the industries of the United States, with which it necessarily had to keep pace, or indeed to keep just a little ahead.

The patent laws of the United States form a model on which are based the patent laws of several foreigh countries, and the patent system as administered under the law of 1836 and successive amendments and changes has been one of the greatest factors in placing the United States foremost among the countries of the world as to industries, engineering, and a high standard of living.

JAMES A. BREARLEY, *Chief Clerk.*

Condition of Applications Under Examination at Close of Business November 7, 1936

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 35,064; Trade-Mark Division, 1,668. Oldest new case, May 13, 1936; oldest amended, May 15, 1936.) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. LOEFFLER, F. A., Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Aug. 17	Aug. 19	298
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco, Velocipedes; Butchering; Bee Culture.	June 19	June 19	1,039
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	Aug. 7	Aug. 15	383
7083	4. DONNELLY, A. E. (Act.), Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	July 7	July 2	564
3077	5. MACNAB, J. F., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons, Etc.	Aug. 8	Aug. 8	441
4898 C	6. LEWERS, A. M., Carbon Chemistry (part)	July 30	Aug. 1	718
5725	7. JARBOE, C. G., Optics; Photography	Aug. 10	Aug. 10	734
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Aug. 21	Aug. 22	465
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Aug. 28	Aug. 28	369
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops; Vehicle Fenders	Aug. 17	Aug. 18	328
5087 B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Aug. 17	Aug. 17	391
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms	Aug. 10	Aug. 10	341
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Sept. 1	Sept. 1	383
5097	14. SMITH, G. A. (Act.) Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	July 18	July 18	589
4897	15. HENKIN, BENJ. (Act.), Glass; Plastic Block and Earthenware Apparatus; Plastics	Aug. 12	Aug. 12	826
5612	16. SPENCER, C. J., Telegraphy; Telephony	July 24	July 23	736
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Aug. 8	Aug. 14	567
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	July 10	July 14	464
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Aug. 3	July 30	673
6605	20. BROWN, L. M. (Act.), Miscellaneous Hardware; Closure Fasteners; Locks; Latches; Safes; Undertaking; Bread, Pastry, and Confection Making.	Aug. 5	Aug. 3	430
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	Aug. 11	Aug. 13	574
5724	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Aug. 15	Aug. 15	557
7624	23. BUTTNER, W. J. (Act.), Coin Handling; Recorders; Registers	May 13	May 15	535
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Aug. 20	Aug. 14	469
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Aug. 7	Aug. 10	519
5893	26. ADAMS, W. M., Electricity; Generation; Motive Power	Aug. 20	Aug. 22	327
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing or Smoothing.	July 1	July 1	789
4628	28. SOLYOM, H. L., Internal-Combustion Engines	July 28	July 27	358
5082	29. SHKLARIN, J. B., Woodworking; Tools; Compound Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Supports, Tables.	Aug. 10	Aug. 8	533
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	July 10	July 11	674
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Aug. 11	Aug. 8	520
4086	32. ARMSTRONG, HOWARD M. (Act.), Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation, Agitating.	Aug. 12	Aug. 19	461
6096	33. WYMAN, W. L., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads and Pavements.	Aug. 10	Aug. 7	769
6623	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Aug. 20	Aug. 19	424
3605	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Filling and Closing Portable Receptacles.	July 12	July 12	646
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Aug. 12	July 30	243
5886 B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	July 25	July 23	591
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stoneworking; Wells; Plastic Compositions.	Aug. 19	Aug. 29	385
4872	39. WHITNEY, F. I., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Sept. 11	Sept. 8	262
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	July 2	July 8	1,082
6082	41. WHITNEY, M. L., Railway and Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes; Railway Draft Appliances; Spring Devices; Typewriting Machines.	July 28	July 25	438
5882	42. CUTTING, H. O., Electric Signaling	Aug. 1	July 14	422
4886 B	43. KLINGE, E. F., Medicines, Poisons and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Aug. 7	Aug. 7	649
4087 B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Aug. 6	July 20	618
7097	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling.	Aug. 10	Aug. 14	293
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	July 31	July 31	574
7600	47. BARKER, H., Clutches; Brakes	Aug. 11	Aug. 13	509
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	Aug. 8	Aug. 8	539
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Aug. 7	Aug. 10	455
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Aug. 8	Aug. 8	534
5628	51. BACKUS, C. D., Radiant Energy	Aug. 14	Aug. 14	612
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Aug. 15	Aug. 20	458
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	July 18	July 15	878
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	Aug. 11	Aug. 10	351
6887	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	July 1	July 1	710
4725	56. CHANDLER, G. V., (Act.), Electrochemistry; Laminated Fabrics; Paper Making, Substance Preparation.	Aug. 7	Aug. 7	828
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys; Exercising Devices.	Aug. 3	Aug. 15	306
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	Aug. 6	Aug. 3	349
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part).	Aug. 7	Aug. 19	470
5896	60. GLASS, R. L., Electricity, Heating, and Welding; Batteries; Resistances and Rheostats; Prime-Mover Dynamo Plants.	July 10	July 10	565
6724	61. PARKS, G. E., Laminated Electrical Insulation, Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Aug. 12	Aug. 19	282
3876	62. PUGH, E. C., Games; Geometrical Instruments	Aug. 5	Aug. 5	497
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Sterilizing; Chemistry, Fermentation.	Aug. 10	Aug. 10	351
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Aug. 17	Aug. 18	707
5624	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	June 1	June 1	781
2099 B	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND	Trade-Marks: Oct. 6	Oct. 23	1,359
		Labels and Prints: Oct. 7	Oct. 23	309
2605	DESIGNS, H. H. KALUPY	Oct. 9	Oct. 26	431

Patents Nos. 2,061,542 to 2,062,279

THE

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OF THE

United States Patent Office

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CIRCULARS OF GENERAL INFORMATION concerning PATENTS or concerning TRADE-MARKS, PRINTS, and LABELS will be sent without cost on request to the Commissioner of Patents, Washington, D. C.

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November 24, 1936

Trade-Marks	271—No. 340,771 to No. 341,041, inclusive.	
T. M. Renewals	14	
Labels	42—No. 48,404 to No. 48,445, inclusive.	
Prints	7—No. 15,925 to No. 15,931, inclusive.	
Reissues	8—No. 20,178 to No. 20,185, inclusive.	
Plant Patents	1—No. 208	
Patents	738—No. 2,061,542 to No. 2,062,279, inclusive.	
Designs	98—No. 102,023 to No. 102,120, inclusive.	
Total	1,179	

Adjudicated Patents

(C. C. A. Ill.) Jeffries patent, No. 1,572,487, for aluminum copper alloy, *Held* valid and infringed. *Fred A. Snow Co.* v. *Aluminum Co. of America*, 85 F.(2d) 602.

(C. C. A. Conn.) Fink patent, No. 1,581,188, for process of electrodepositing chromium and of preparing baths therefor, claims 4, 6, 10, 13, 16, and 18 *Held* invalid. *United Chromium* v. *General Motors Corporation*, 85 F.(2d) 577.

Notice of Cancellation

U. S. PATENT OFFICE, *Washington, Nov. 3, 1936.*

Jean Gray, her assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Dorothy Gray Salons, 192 Bloomfield Avenue, Bloomfield, New Jersey, to effect the cancellation of trade-mark registration No. 302,448, issued April 18, 1933, to Jean Gray, 1106 New York Avenue, N. W., Washington, D. C., and a notice of such proceeding sent by registered mail to said Jean Gray at said address having been returned by the post office as undeliverable, notice is hereby given that unless said Jean Gray, her assigns or legal representatives, shall enter an appearance within thirty days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Drawings

Attention is called to paragraphs *g* and *i* of Rule 52 of the Rules of Practice of the Patent Office, and inventors and attorneys are directed to omit from the space outside of the marginal line of the drawings any marks of identification, inasmuch as the space referred to is reserved for the use of the Patent Office. Such identifying marks should be placed upon the back of the drawings.

Service of Papers in Contested Cases

Attention is called to Rule 153 (*a*), which requires that "every paper" filed in a contested case in the Patent Office must be served upon the other parties.

This includes all appeals in such cases.

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,951,519, Samuel Milne, Paper pulp refining engine, decided October 1, 1936, claim 1.

Pat. 2,005,579, Wray Dudley, Electrically welding pipe, decided November 3, 1936, claim 1.

Disclaimers

1,958,511.—*Parker Dodge*, Chevy Chase, Md. SLACK TAKE-UP AND FORCE MULTIPLIER FOR HYDRAULIC BRAKES. Patent dated May 15, 1934. Disclaimer filed October 29, 1936, by the assignee, *The New York Air Brake Company.*

Hereby enters this disclaimer to claims 1 to 6, inclusive, of said patent.

1,980,966.—*Frederick F. Blicke*, Ann Arbor, Mich. SUBSTITUTED ALKYLPHENOLS AND METHOD OF PRODUCING THE SAME. Patent dated November 13, 1934. Disclaimer filed October 29, 1936, by the assignee, *Regents of the University of Michigan;* the exclusive licensee, *Frederick Stearns and Company*, consenting and concurring.

Hereby enters this disclaimer to claims 1, 4, and 5 in said specification.

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE KELLER

No. 3,650. Decided June 8, 1936

[83 F.(2d) 910]

PATENTABILITY—TYPEWRITING MACHINES.

Claims for a typewriting machine in which the keys to be manipulated by the different fingers are respectively indicated by pictorial representations of animals *Held* unpatentable over the prior art.

APPEAL from the Patent Office. Affirmed.

Mr. William R. Davis and *Mr. Charles D. Davis* for Keller.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

GRAHAM, *P. J.:*

The appellant, Myrtle R. Keller, made application to the United States Patent Office on September 17, 1931, for a patent on certain alleged new and useful improvements in fingering indicating means. The Examiner denied claims 54 to 60, inclusive, of the application, on the references Bates, No. 1,319,687, and Allen, No. 706,002. The Board of Appeals affirmed the decision of the Examiner, and the appellant has appealed:

Claims 54 and 60 are typical, and are as follows:

54. A tyewriting machine having a group of finger keys, which keys bear such visible indicia indicative of the key functions and are of such number and arrangement in the machine that said group of keys forms a universal keyboard, and which keys also bear arbitrary visible pictorial representations of objects which visually segregate all of the keys of said group into eight sub-groups of keys, one sub-group for each of the eight fingers of a typist, all of which sub-groups are arranged side by side in a single row of key sub-groups which extends transversely of the machine and said group of keys, and each of which key sub-groups extends from the front side to the rear side of said group of keys and consists entirely of keys the arbitrary pictorial representations borne by which depict the same object, which object is different from that depicted in the pictorial representations borne by the keys of any directly adjoining one of said sub-groups of keys.

60. A typewriting machine, as claimed in claim 56, wherein the pictorial representations of each of the eight different animals differ at least as to dominant coloring from those of the representations of the remaining seven animals, all representations of the same animal being similar as to coloring.

Appellant's device consists of an arrangement of the keys on a typewriting machine provided with a so-called universal keyboard, which is thought to be of advantage to the student learning key-board fingering. The appellant has arranged a system by which, in addition to the ordinary designation of letters and characters upon the keyboard, the keys are painted in a distinctive way, in eight different colors. Those keys to be manipulated by the right hand are arranged as follows: The group of keys to be actuated by the index finger of the right hand have on their tabs the picture of a bear, and are preferably further distinguished by the distinctive coloring dark brown. The group of keys to be actuated by the second finger of the right hand have a picture of a cat on their tabs, preferably distinctively colored yellow and black, yellow being the dominant color. The group of keys to be actuated by the third finger of the right hand have on their tabs the picture of a horse, preferably of some distinctive color, such as black. Each group of keys to be operated by any particular finger is designated by a distinctive color, and by the representation of a distinctive animal, so that, while operating the machine, the operator can determine, by these means, with which finger what particular key he should strike.

To further facilitate the learning of proper fingering, a companion set of digital indicating devices is provided, in the form of paper finger rings, one for each finger, which bear thereon the particular emblem and color of the key-tabs upon which that particular finger is to operate. It is thought by the appellant that by means of these aids the student will more rapidly become acquainted with the art of fingering a typewriting machine.

As will be observed from the claims which are above quoted, the claims do not include the feature of the finger rings, but count only upon the arrangement of the keyboard.

The tribunals of the Patent Office were of opinion that the subject matter of this application presented nothing patentable over Bates and Allen.

The patent to Allen shows a keyboard for a typewriting or linotype machine, or similar machine, in which the various letters on the keyboard are grouped together and colored in respective colors across the keyboard. As explained by the patentee:

> • • • In each colored space or section is a predetermined number of keys arranged with reference to their frequency and convenience in use, the keys of the keyboard being so grouped that the color or the name of the color of the space or section will suggest mnemonically or phonetically certain letters, characters, symbols, or representations of speech-sound, or combinations of such, as will more fully appear from the sub-joined description.

The patent to Bates has a somewhat different arrangement. The keys to be operated by the right hand are colored black, while the ones to be operated by the left hand are colored white. The keys bear the ordinary universal keyboard letters and characters. In addition, the keys to be operated by each finger are marked by a number placed in a red semicircle at the bottom of the key; thus the keys to be operated by the index finger of the right hand are all numbered 1, those by the second finger 2, those by the third finger 3, and those by the fourth finger 4.

We are of opinion, as were the Patent Office tribunals, that the principal feature of the Bates arrangement is the same as those here involved. While Bates uses numerals, the appellant uses representations of animals. Certainly, a combination of the Bates and Allen ideas shows every feature included in this appellant's disclosure, namely, varying colors and varying indicia to help the student to learn and to see the various characters on the keyboard. Of course, such a device would add nothing to the student of the touch system of typewriting, but in a visible system might be helpful to the student.

If there is a patentable distinction between the numerals used by Bates, and the representations of animals used by appellant, then it might also be patentable to place upon the keys of a typewriter some other set of symbols differing from either Bates or the appellant. The principle being exactly the same, we agree with the Patent Office tribunals that there is no invention in appellant's disclosure.

This case presents some of the features found in *In re Malcolm*, 19 C. C. P. A. (Patents) 1097, 56 F.(2d) 876, 420 O. G. 293. In the case cited, the appellant was claiming a musical notation sheet which differed from the prior art in the substitution of certain symbols to mark the score. This was held to be not inventive over the prior art.

The decision of the Board of Appeals is affirmed. Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE CROWELL

No. 3,648. Decided June 8, 1936

[84 F.(2d) 206]

1. PATENTABILITY—CLAIMS — UNEXPRESSED LIMITATIONS NOT CONSIDERED.

In determining the patentability of a claim, features of the construction disclosed in the application but not expressed in the claims cannot be considered.

2. SAME—METHOD.

Where method claims comprise steps disclosed in a prior art patent, that patent may be considered in determining patentability even though it does not show a method in detail.

3. SAME—NEW MATTER.

Certain claims for well cementing *Held* unpatentable as covering matter not sufficiently disclosed in the specification.

APPEAL from the Patent Office. Affirmed.

Messrs. Milburn & Milburn, Mr. Joseph F. Westall, and *Mr. J. W. Milburn* for Crowell.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

GARRETT, *J.:*

There is here before us for review a decision of the Board of Appeals of the United States Patent Office affirming the decision of the Examiner rejecting sixteen out of twenty-six claims of appellant's application for patent entitled, "For well cementing." The claims on appeal are numbered, respectively, 1, 5, 7, 9, 11, and 16 to 26, inclusive. These are divisible into four groups: 1 and 5 constituting the first group; 7, 9, and 11, the second; 16, 17, and 18, the third; and 19 to 26, inclusive, the fourth. The first, second, and fourth groups comprise method claims. All claims of the third group are for the device.

As illustrative of the respective groups, we quote Nos. 1, 7, 17, and 19:

1. The method of cementing casing in a well bore, which includes circulating hydraulic fluid through the casing, and while retaining the hydraulic fluid in the casing to a level above that of normally closed ports in the side wall of the casing, opening said ports and closing the bore of the casing below said ports, and then establishing circulation downwardly through the casing and outwardly through said open ports.

7. The method of cementing casing in a well bore, which includes discharging cement at the lower end of the casing by a column of hydraulic fluid retained in the casing in back of the cement and extending above a predetermined higher level at which additional cement is to be subsequently ejected, and then establishing circulation downwardly through the casing and outwardly therethrough at said higher level.

17. In combination, a string of casing for a well bore having normally closed ports in its side wall and presenting an unrestricted open bore, the string of casing being adapted to retain a column of hydraulic fluid extending above the normally closed ports, and means adapted to be lowered in the casing and to by-pass said hydraulic fluid upwardly within the casing for opening the ports and closing the bore of the casing below the ports.

19. The method of excluding water from oil wells which consists of lowering into the well and carrying, as drilling proceeds, a casing having a bore, which, is substantially unrestricted, said bore being provided with a plurality of lateral valve-controlled ports, securing circulation, preliminary to cementing, through the bottom of said casing, forcing a fluent cementing mixture downwardly through the bottom of said casing and up into the space outside of the casing, closing off the bottom of the casing by a plug, and securing circulation through said lateral ports in said casing, closing off by a plug the bore of said casing below said lateral ports, and forcing a fluent cementing mixture downwardly through said casing and outwardly through said ports.

Three references were cited as follows: Crowell, 1,828,100, October 20, 1931; Halliburton, 1,860,069, May 31, 1932; Crowell, 1,828,099, October 20, 1931.

The claims of group 1 were rejected upon Crowell, 1,828,100; those of group 2 on Halliburton; those of group 3 on Crowell, 1,828,099, while those of group 4 were rejected as being predicated upon new matter not disclosed in the specification as originally filed. We shall consider them in the order named.

The opening paragraph of appellant's specification recites:

> This invention relates to that method of cementing wells whereby cementitious material may be discharged from a casing string into a surrounding well bore, and additional cement may then be ejected from the casing string at a predetermined higher level so that the casing string may be cemented-off at predetermined levels or throughout any desired length; and it is an object of the invention to discharge the cement at different levels from a casing string which has an open bore of unrestricted cross-sectional area prior to the cementing operation, and which is adapted to be drilled-out to the same unrestricted bore subsequent to the cementing operation, so that a plurality of strings of minimum successive reduction in diameter may be received one within another for increasing the depth of the well while maintaining the bore of the casing of maximum size, and usual drilling operations may be continued through the casing, and fluid circulation established, all in accordance with present practice.

In the statement of the Examiner there is given a somewhat detailed description of appellant's device and method of operation as follows:

> • • • The casing has ports disposed at different levels and the ports are controlled by internal sleeve valves which operate within a recess in the pipe to normally keep the ports closed. These internal sleeve valves may be operated by sliding plugs which have expanding anchors which are of the desired length so that one plug fits only one recess and any one of the plugs is adapted to operate only one of the sleeve valves. The ports have also external back pressure valves. In order to perform a cementing operation the casing is lowered into the bore with the plurality of valve controlled ports closed and the bore may be washed by sending washing fluid through the inside of the casing into the bore and upwardly in the annular space formed by the casing and the bore. Upon completion of the washing operation a plug adapted to open the lower cementing port is placed into the casing, cement grout is placed on top of it, another plug is placed on top of the cement grout piston and the whole slug is driven downwardly within the pipe by hydraulic fluid pressure placed on top of the upper plug. The lower sliding plug passes all the sleeve valves which it does not fit but its anchors expand and set on the top of the lower sleeve and further pressure moves the sleeve valve, opening the ports and this piston closes the lower end of the casing below the valve. The pressure on the upper plug forces the cement grout through the open ports, forcing the external back pressure valves to open and finally when the cement is discharged the upper plug lands on top of the lower anchored plug, the back pressure valves close and so much cement is introduced into the bore. In this condition the casing above the upper

plug is full of the hydraulic fluid and in order to introduce into the bore some additional cement through a port of an upper level it is necessary to do something to remove the hydraulic fluid above the ports of the upper level, the liquid between the upper ports and the already anchored plug need not be removed. In order to accomplish this applicant introduces a plug 4 (Fig. 2) into the casing which is full of liquid; the plug has an upwardly opening valve 26 permitting the liquid to by-pass the plug as the latter is being pushed by a string of pipe. This plug is adapted to anchor itself upon the sleeve valve in the upper level opening the ports covered by the upper sleeve. Since the upper port is now open a slug of cement grout between two additional plugs may be introduced into the casing forcing hydraulic fluid out of these open ports at first, and then the cement, thus introducing additional cement. The casing may have more valve controlled ports at additional higher levels and the operations explained may be repeated until a high column of cement is formed in the bore around the casing, each portion having been introduced separately. * * *

In appellant's argument respecting claims 1 and 5 particular emphasis is placed upon the feature of a "by-pass through the plug," which plug, by reason of an upwardly opening valve that opens the "bore" of the plug, may be readily lowered, being forced downwardly by suitable means, through the hydraulic fluid in the casing "to its operative position alining with the corresponding ported section [of the casing] 2 and opening its sleeve valve 6."

It is urged that appellant's patent, 1,828,100, upon which claims 1 and 5 were rejected, shows only a solid plug disclosing "no by-pass through the plug."

[1] We do not find in the specification at bar any use of the phrase, "a by-pass through the plug," nor any use of the term "by-pass," but the drawings seem to disclose such a feature. However, whatever the specification and drawings may show in that respect, the *claims* themselves do not contain the feature in any form, and it would seem that appellant is insisting that a limitation which he did not himelf express in the claims shall be read into them by the Patent Office or by this court. This court, following the principle announced by the Supreme Court of the United States in the case of *McCarty* v. *Lehigh Valley Railroad Co.*, 160 U. S. 110, 73 O. G. 1707, has again and again held that limitations not in the claims need not be considered. In the case of *In re Buckwalter*, 22 C. C. P. A. (Patents) 1031, 1033, 75 F.(2d) 515, 457 O. G. 480, we said:

As has been so often said, the claim is the measure of the invention, and if appellant's claims were so broadly drawn as to read upon the prior art, we know of no rule which would authorize the tribunals of the Patent Office, or the courts to read limitations, based upon extraneous arguments, into them.

We do not overlook appellant's argument to the effect that because there is no by-pass in the plug of his patent,

"* * * the hydraulic fluid is not retained in the casing while the plug is descending to perform its function of closing the bore of the casing below the ports * * *."

From this appellant would have us deduce that the language of claims 1 and 5,

"while retaining the hydraulic fluid in the casing to a level above that of normally closed ports * * * opening said ports and closing the bore of the casing below said ports"

does not read on Patent 1,828,100.

As to this, the brief for the Solicitor for the Patent Office points out that:

These claims do not say that *all* of the hydraulic fluid is retained in the casing. They merely call for having such fluid "at a level above * * * ports", *while* the ports are being opened and the bore closed. This seems clearly to be done in the reference, as explained by the Examiner and the Board of Appeals. [Italics quoted.]

The Board of Appeals held, in effect, that the step of "establishing circulation downwardly through the casing and outwardly through said open ports" was broad enough to include the circulation of cement. Appellant insists that the circulation so alluded to refers only to the circulation of the "hydraulic fluid" and insists, in substance, that the expression should be given the meaning generally attributed to it in the art, and that when so construed the step "further defines the present improvement over the reference cited."

Here again appellant seeks to have a limitation which he did not himself express read into the claims. He might very easily have limited the claims to "hydraulic circulation" had he chosen so to do. We are not at liberty to do for him what he did not do for himself. *In re Buckwalter*, supra.

With respect to claims 7, 9, and 11, rejected upon the patent to Halliburton, the brief on behalf of appellant says:

Each of the claims in question calls for, substantially, retention of hydraulic fluid in the casing above that of normally closed ports in the casing after expulsion of the cement, and then establishing circulation down through the casing and out through lateral ports.

It is then reiterated, in effect, that "establishing circulation" should be interpreted as limiting the step in which the term is used to "hydraulic circulation," and it is insisted that, under such interpretation, Halliburton not only does not disclose the subject matter of the claims but expressly and repeatedly disclaims any pretense of accomplishing the "*result* sought to be patented in said claims." [Italics ours.]

As to the interpretation of the claims, we think no comment in addition to what already has been said is necessary. In the specification of the Halliburton patent it is said:

Briefly stated, the method of the invention may be said to consist of the steps of alternately introducing predetermined volumes of a cementitious material and a hydraulic fluid into a casing, ejecting the lowermost volume of cementitious material from the casing into a well hole while retaining the hydraulic fluid immediately thereabove, and then ejecting the cementitious material next above said ejected volume into the well hole at a point above said retained volume of hydraulic fluid. In other words, the cementing of a long string may thus be accomplished as a step operation, the cementitious material being serially ejected into the annular space surrounding the casing at a plurality of vertically spaced points, such ejection occurring progressively. * * *

[2] The above seems to us to be a disclosure of steps which meet the claims at issue, interpreting them as we think they should be interpreted in the absence of any limitation therein to hydraulic circulation, and it is not essential that there should be found in Halliburton an apparatus for performing such steps. The claims are method claims comprising steps which Halliburton disclosed, and such disclosure is available as a reference, even though Halliburton may not have shown a method in detail.

In the case of *Cohn* v. *United States Corset Company*, 93 U. S. 366, 377, 11 O. G. 457, the Supreme Court said:

* * * To defeat a party suing for an infringement, it is sufficient to plead and prove that the thing patented to him had been patented *or described* in some printed publication prior to his supposed invention or discovery thereof. Rev. Stat., sec. 4920. * * * [Italics ours.]

Another case regarded as in point is that of *In re Wright*, 34 App. D. C. 199, 151 O. G. 1015. See also *In re John W. Marden and Harvey C. Rentschler*, 18 C. C. P. A. (Patents) 1119, 48 F.(2d) 428, 409 O. G. 561, and *In re Fink*, 20 C. C. P. A. (Patents) 716, 62 F.(2d) 103, 426, O. G. 3, with their respective citations.

Of the product claims 16, 17, and 18, rejected upon appellant's patent, 1,828,099, the brief on behalf of appellant says:

Function, mode of operation, and result of the plug of applicant's said prior patent and that of the present application are entirely different. * * *

It seems sufficient to say that as to these claims we are not concerned with function, mode of operation or result, but with structure. *In re Arthur B. Modine*, 19 C. C. P. A. (Patents) 1058, 57 F.(2d) 355, 420 O. G. 811; *In re Laursen*, 22 C. C. P. A. (Patents) 744, 73 F.(2d) 648, 453 O. G. 214; *In re Beplate et al.*, 22 C. C. P. A. (Patents) 1232, 77 F.(2d) 506, 460 O. G. 502. Appellant does not convince us that the claims contain structural limitations which distinguish them from his patent upon which they were rejected.

In each of the fourth group of claims (19 to 26, inclusive,) is found the step of lowering a casing into a well and carrying the casing as the drilling proceeds. This step was held not to have been disclosed in appellant's specification as originally filed; so the claims were rejected for that reason, cancellation of the amendments to the specification by which it was disclosed being required by the Examiner.

Appellant insists that it was disclosed in his original application, and the brief states,

"* * * we do not rely upon any amendment made during the prosecution as support for said claims 19 to 26 calling for carrying the casing."

To support the contention of original disclosure appellant directs attention to figures of his drawings, and to the use of the phrase "usual drilling operations" at different places in his specification. For example, it is said in the specification:

The bore of the string [of casing] being thus unrestricted throughout its length, usual drilling operations may be carried on through the string and fluid may be circulated in usual manner; * * *

And again:

* * * usual drilling operations may be continued through the casing, and fluid circulation established, all in accordance with present practice.

[3] In other words, in order to find disclosure of "carrying the casing" in appellant's application as first filed, it is necessary to construe the phrase "usual drilling operations," in the connections in which used in the specification, as embracing carrying the casing. That such deduction fairly might be drawn is not an unreasonable contention, since it might be assumed that it is customary to carry the casing downward as the drilling progresses. On the other hand, however, there might be a different practice and, in our opinion, the statutory requirement (R. S. 4888) for "a written description * * * in * * * full, clear, concise and exact terms * * *" is not properly met by terms capable of different constructions; nor does it meet the requirement of rule 70 of the Patent Office, the validity of which was upheld long ago by the Court of Appeals of the District of Columbia, in the case of *In re Mraz*, 36 App. D. C. 435, 164 O. G. 978.

The rejection of this group of claims upon the ground of new matter we regard as proper.

It is pointed out in the brief for appellant that the Board of Appeals did not directly pass upon the Examiner's requirement for cancellation as constituting new matter of certain amendments to the specification. This seems to be true, but since the amendments express only what was specifically rejected as new matter in the claims, definite discussion of the point was not essential, and it necessarily follows, we think, that the general affirmation by the Board of the Examiner's decision embraced the Examiner's ruling on this issue.

We are not convinced of error in the decision of the Board of Appeals and the same is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

SMITH *v.* PLACE

No. 3,655. Decided June 8, 1936

[84 F.(2d) 196]

INTERFERENCE—PRIORITY.

Testimony reviewed and *Held* sufficient to establish that P. conceived the invention in issue prior to the conception thereof by S. and priority of invention was properly awarded to P.

APPEAL from the Patent Office. Affirmed.

Messrs. Emery, Booth Holcombe & Miller, Mr. Walter I. Jones, Mr. Amasa M. Holcombe and *Mr. Charles F. Miller, Jr.*, for Smith.

Messrs. Strauch & Hoffman and *Mr. James A. Hoffman* for Place.

LENROOT, *J.*:

This is an appeal in an interference proceeding wherein the Board of Appeals of the United States Patent Office affirmed a decision of the Examiner of Interferences awarding priority of invention upon all the counts in issue to appellee.

The counts are numbered from 1 to 11, inclusive, of which counts 1 and 2 are illustrative and read as follows:

1. A snap fastener stud formed from wire and having a clip-like attaching portion provided with arms spaced apart to receive a support between them and a snap fastener stud portion extending directly from one of said arms and substantially perpendicular thereto, said attaching portion comprising two U-shaped parts spaced from each other to engage the support in such a manner as to prevent tipping of the fastener relative to the support and said stud portion comprising opposed diverging and converging socket engaging parts.

2. The combination with a metallic supporting structure having a stud-receiving aperture therein of fixed size, a trim panel superposed upon said supporting structure and having a relatively thin cardboard and the like foundation provided with an aperture located at a greater distance from the edge than the aperture in the supporting structure, thereby leaving an imperforate portion of the foundation between the edge and the aperture of sufficient strength to prevent breaking and tearing under normal use, and a snap fastener stud member having a yieldable portion entered into the aperture in the supporting structure and also having an attaching portion passing through the aperture in the foundation and bearing against the outer face to press the foundation against the supporting structure and to hold the fastener stud in position relative to the foundation.

The involved invention is concisely described in the decision of the Board of Appeals as follows:

The invention relates to a snap fastener intended for use in securing a trim panel to a supporting metallic structure. Fasteners of this type are commonly employed in securing trim panels to doors and other portions of automobile bodies. More particularly, the improvement relates to the construction given the head portion of the fastener. The latter comprises U-shaped parts, one branch of which is inserted through an opening in the trim panel and the other branch of which has at its outer end the shank portion of the fastener. The latter is insertable in an opening in the metallic supporting structure and is located in offset relation with respect to the material connecting the two branches of the U-shaped head, the latter being positioned in the opening of the trim panel. This offset relationship permits the openings in the panel to be positioned a greater distance from the edge of the panel than was possible with the use of prior art snap fasteners such as shown, for instance, in the Place Patent, No. 1,679,266.

The interference arises between an application of appellant filed May 29, 1930, and an application of appellee filed June 20, 1930. Appellee therefore is the junior party.

Both parties took testimony. The Examiner of Interferences and the Board of Appeals concurred in finding that appellee conceived the invention and reduced it to practice not later than February, 1930. Appellant in his preliminary statement alleged that he conceived the invention on March 29, 1930. This date being subsequent to the date awarded appellee for conception and reduction to practice of the invention, the proofs offered by appellant respecting his conception and reduction to practice of the invention were not considered by the Patent Office tribunals.

The testimony discloses that appellee is an inventor and sales engineer; that he had received patents upon certain forms of snap fasteners; that the invention here involved is an improvement upon the devices for which he had secured patents; that he had assigned a one-half interest in said patents to the Gagnier Fibre Products Company, hereinafter called the Gagnier Company, and that in 1929 and 1930 he was in the employ of said company. The testimony further discloses that appellant is a salesman by occupation; that for many years he was in the employ of the Ford Motor Company, resigning from such service on February 8, 1930, and that on March 10, 1930, he entered the employ of Woodall Industries, Incorporated, a competitor of said Gagnier Company.

According to the testimony on behalf of appellee, the Gagnier Company, during the latter part of 1929 and the early part of 1930, was supplying the Ford Motor Company (and also the Briggs Manufacturing Company, which was manufacturing automobile bodies for the Ford Motor Company) with trim panels equipped with snap fasteners covered by one of appellee's patents; that it was found that such panels had a tendency to shrink and, due to such shrinkage, the panels in many instances did not properly fit the door frames of automobiles and caused a serious difficulty in the use of the snap fasteners which were employed in connection therewith. Upon this point appellee testified as follows:

Q. 19. What difficulties, if any, arose in connection with the use of the foundations thus supplied?
A. In the fall of 1929 the Gagnier Fibre Products Company was developing a new fibre which had a great tendency to shrink. This, by reason of the fact that the openings in the panels were so very near the edges of the fibre, created a serious difficulty in the use of the panels and fasteners by reason of the fact that a slight shrinkage in the size of the panel would cause the edges of the heads of the fasteners to project beyond the edge or edges of the fibre panels.
Q. 20. Will you explain a little more in detail why the shrinkage in the size of the panel caused the edges of the heads of the fasteners to project beyond the edge or edges of the panel?
A. The fasteners were applied into a T-shaped opening or slot having a round portion one quarter inch in diameter the center of which was spaced approximately three-eighths of an inch from the edge of the fibre panel, thus leaving an actual space of but one-quarter inch between the edge of the opening into which the fastener was assembled and the edge of the fibre panel. As the heads of the fasteners were one-half inch in diameter and as the holding elements or prongs of the fasteners were located slightly to one side of the center of the head, it created a condition so that if the fastener happened to be inserted so that the wide side of the head was toward the edge of the panel the rim of the fastener would project over the edge of the panel slightly and if the panel shrank, as we found they generally did, the edges of the heads would project proportionately farther according to the amount of the shrinkage. This by reason of the fact that the holes in the supporting structure into which the fasteners were applied were constant in their position; therefore, regardless of the shrinkage of the panel, the fastener when inserted in the process of assembly must necessarily take a certain fixed location.

The Ford Company made complaints about the panels so furnished by the Gagnier Company, and certain lots of panels were rejected. It is the contention of appellee that such defects and rejections were due to shrinkage of the panels, while appellant claims that there is no positive evidence to that effect.

It is not disputed that appellee conceived the invention in issue in the effort to devise a snap fastener that could be practically used upon such panels despite the shrinkage that might take place, and it is conceded that the devices of the respective parties accomplish this purpose. The controverted question is as to the time that appellee conceived the invention and constructed the device which was introduced in evidence as Place Exhibit 5. This exhibit satisfies all of the counts here involved.

Appellee testified that he conceived the invention

"At some time during the period when we were experiencing this trouble, I should say between the latter part of December, 1929, and the middle of January, 1930."

It is established that the last order of the Ford Company to the Gagnier Company for panels was March 31, 1930, and the date when said order was completed was May 24, 1930.

It is definitely established by documentary evidence that the Ford Company rejected and returned defective panels on January 23, January 29, February 8, and February 11, 1930, but such documentary evidence does not positively show that such returns were due to shrinkage.

One George E. Gagnier, president of the Gagnier Company, testified in part as follows:

Q. 23. When was your attention first directed to the part of Exhibit 5 that you are holding in your hand?
A. It was in the—it was either the very latter part of December or the first part of January.
Q. 24. What year?
A. December, 1929, or January, 1930.
Q. 25. Examine the Exhibit 5 closely and state whether there is anything about the exhibit that recalls the circumstances under which this first came to your attention?
A. The trouble that we were having with the Ford panels caused me to get after Place to design a fastener that did not require the hole so near the edge. The returns that we were getting at that time were enough to break a concern if we had to continue with supplying the panels with holes so near the edge. Mr. Place made up this sample and I took it to the Ford Motor Company and tried to get Mr. Galamb to okay this fastener to be used in connection with the panels that were used on the particular job that they were having a lot of trouble with. This was an engineering mistake in getting the holes in the metal structure too near to the edge of the door.
Q. 26. Did you take the particular parts that you are holding in your hand, forming a part of Place Exhibit No. 5, to Mr. Galamb?
A. Yes; this is the one that I took to Galamb.
Q. 27. What was Mr. Galamb's position with the Ford Motor Company at that time?
A. Mr. Galamb was—we always considered him the chief engineer of the body division. I am not sure whether Mr. Galamb has a title or not. We always considered him as chief.
Q. 28. What was Mr. Galamb's reaction to your attempt to get him to okay that fastener?
A. At that time, they were too busy to consider any changes and the matter was dropped at that time as far as the hook-on fastener was concerned.
Q. 29. Do you mean that Mr. Galamb refused to entertain your proposition to have him substitute fasteners?
• • • • • • •
A. Yes. Mr. Galamb refused to make any changes at that time.

Miss McCubbin, the secretary-treasurer of the Gagnier Company, testified that her attention was first directed to the invention in issue early in January, 1930; that she was able to fix that date only by the evidence of continued trouble with the panels due to shrinkage; that such trouble was brought to her attention in January, 1930, first verbally and later by rejection slips, reports of defective materials, and subsequently by return of stock. She produced as the first documentary evidence of such trouble Place Exhibit 4, dated December 23, 1929, the same being a report on defective material made by the Ford Company to the Gagnier Company. This exhibit was introduced in evidence and it is the center of much controversy between the parties. It recites that 2200 door trims are defective and four defects are noted in the margin. The third defect noted states that "10% are 1/16 to 5/64—on 25 7/32 dimension at one or both ends." There is no specific mention of shrinkage and the exhibit has written across the face thereof the following: "Use must correct." With respect to the defect above quoted, the Board of Appeals in its decision stated:

• • • The third defect mentioned in the report on defective material made by the Ford Motor Company and dated 12-23-29, which has been introduced in evidence as Place Exhibit 4, states that 10% were 1/16 to 5/64—on 25 7/32 dimension at one or both ends. This is the vertical dimension of the panel and it is believed that the undersize noted clearly indicates shrinkage of the material of the panel. • • •

We are in agreement with the foregoing statement of the Board. Moreover, appellant in his testimony construed said third defect as indicative of shrinkage; he testified as follows:

• • • With regard to the first and second notations on Exhibit 4, the grommets could be assembled with the discrepancy noted, and *relative to the third notation as stated before a slight shrinkage in the height of the panel was not sufficiently serious for return.* [Italics ours.]

One Howard J. Wilson, a salesman for the Gagnier Company, testified in behalf of appellee. He stated that his attention was first directed to a fastener to be hooked into a piece of fibre board in the early part of January, 1930, and further testified as follows:

Q. 14. Do you recall the circumstances under which this fastener first came to your attention?
A. I do.
Q. 15. Kindly state the circumstances briefly.
A. My connection regarding this came up on the Ford work which was being done at the Briggs plant. We were having serious trouble due to shrinkage in the door panels which we were furnishing and I personally spent a good deal of time working with this organization in trying to get them material which would be satisfactory for their production. Does that answer your question fully enough?
Q. 16. Please state the relation of the matter here involved to the trouble to which you have just testified.
A. Well, the construction of the Ford sheet metal door at that time was such that the fastener holes in this door were located so close to the edge that it necessitated our punching the fastener slots in our trim panels extremely close to the outer edges and when we ran into this shrinkage difficulty was encountered in their assembly lines in getting a satisfactory job and I might say that this trouble developed in the late fall or early winter of 1929.
Q. 17. And was the fastener here involved devised to meet this trouble?
A. It was.
Q. 18. Who first showed you a fastener having a head designed to be hooked on a piece of fibre board?
A. Mr. Place.
Q. 19. Was the fastener assembled with respect to other parts or was it simply an individual fastener when you first saw it?
• • • • • •
A. At the time that I saw this fastener it was hooked onto a small piece of fibre board and the fastener was inserted through approximately a quarter inch hole drilled through a piece of sheet metal, at which time I disassembled same to get a better idea as to just what Mr. Place had developed, which is ordinarily customary for me to do.

One other witness, William F. Hayes, testified in behalf of appellee, but we do not rely upon his testimony for the reason that he evidently was mistaken in his recollection as to the time that he examined certain rejected panels, for there is no evidence that any panels had been returned at the time stated by him.

In addition to the testimony on behalf of appellee as to the time that the shrinkage troubles arose, we note a circumstance disclosed in the record that tends to corroborate the testimony on behalf of appellee upon this point.

We have hereinbefore noted the fact that appellant left the employ of the Ford Motor Company on February 8, 1930; his employment with such company, as disclosed by the record, was as a body engineer. It appears that Mr. Galamb, referred to in the testimony on behalf of appellee, was the head of the body department of the Ford Company. The Woodall Industries, Incorporated, was engaged in the manufacture of upholstery cardboard, and was a competitor of the Gagnier Company. Appellant entered the employ of the Woodall Company as a salesman only. At that time, according to the testimony of Herbert J. Woodall, the Woodall Company was not selling any fasteners for trim panels, but was doing so at the time of the taking of his testimony. There is no testimony that there was any shrinkage trouble with respect to the cardboard of the Woodall Company.

Appellant does not state the circumstances which led him to make the invention here in issue. He was, as hereinbefore stated, employed as a salesman by the Woodall Company, and there was apparently nothing in the business of his employer which would cause him to investigate the problem of devising a snap fastener which could be used practically, regardless of the shrinkage of the cardboard. To us, the conclusion follows that appellant, prior to February 8, 1930, and while in the employ of the Ford Company, became aware of the shrinkage troubles of the Gagnier Company.

He testified that he attempted to sell the Woodall product, after he was employed by the Woodall Company, to the Ford Company, and he admitted that he probably used as a selling argument to the Ford Company the claim that the cardboard made by the Woodall Company was less liable to shrink than was the fibre board made by the Gagnier Company.

We are of the opinion that the testimony of appellant tends to corroborate the testimony on behalf of appellee that the shrinkage troubles occurred prior to February 8, 1930.

We are, therefore, in agreement with the Patent Office tribunals that appellee should be awarded a date for conception of the invention not later than February, 1930; we are also in agreement with the finding of said tribunals that Place Exhibit 5, relied upon as a reduction to practice of the invention, was in existence not later than said February, 1930.

Appellant complains of the failure of appellee to call as a witness Mr. Galamb of the Ford Motor Company, to whom Gagnier testified he showed Place Exhibit 5, embodying the invention in issue, in corroboration of appellee's testimony as to the time he made the invention, and appellant contends that such failure should raise the presumption that, if called, the testimony of Galamb would be unfavorable to appellee.

The Examiner of Interferences observed that if Galamb had been called by appellee his testimony presumably would have been merely cumulative to that given by appellee and his four witnesses, and that there was no burden upon appellee to call Galamb as a witness. While this is true, we regard it as unfortunate that Galamb was not called by one of the parties, because probably, had he been called, much of the controversy before us might not have arisen. It appears that Galamb was a friend of both appellant and the witness Gagnier. Had he been called and had he corroborated Gagnier's testimony, this appeal would not, perhaps, have come before us. On the other hand, had appellant called him and he had denied Gagnier's testimony that he showed him the invention involved with the request that he, Galamb, adopt it, appellant's case would have been greatly strengthened.

We are not unmindful of the fact that appellee's case depends almost wholly upon oral testimony given some three and one-half years after the events testified to. The rule is that such testimony should be carefully scrutinized. This we have done, and while there are some discrepancies in the testimony of appellee's witnesses, they are no greater than would be expected from credible witnesses testifying a long time after the occurrence of the events testified to. All of the witnesses appear to be credible, and for the most part the discrepancies are of a minor character not affecting the merits of appellee's case. The only exception is that, hereinbefore noted, of one witness whose testimony we have not relied upon because of his evidently mistaken recollection of the time when he examined certain returned panels.

Appellant further contends that the construction of Place Exhibit 5 did not constitute a reduction to practice of the invention. Said exhibit consists of the snap hook embracing the invention, inserted in a piece of fibre board and a piece of sheet metal. From a mere inspection of the exhibit it is obvious that it embraces all of the elements of the counts and that the invention must be successful for the purpose intended, and that there was no occasion to test it in position in an automobile body. The invention clearly belongs to that class of inventions which are so simple and obvious, and the utility of which is so certain, that tests under actual working conditions are unnecessary.

Appellant further contends that, as the appellee laid the invention aside and did not apply for a patent upon it until June 20, 1930, and was admittedly spurred into activity in making application for a patent by knowledge of appellant's device having been placed upon the market, whatever appellee did prior to the time appellant made the invention should be regarded as an abandoned experiment by appellee.

We cannot so hold; the invention was completely reduced to practice by appellee before appellant conceived the invention, and there is no evidence of concealment or suppression of the invention by appellee. According to the testimony, the only reason that appellee's invention was not put into commercial use shortly after its reduction to practice was the failure of the Ford Company to accept it for use on shrunken panels.

The Patent Office tribunals concurred in finding that appellee was entitled to an award of priority, and we are in agreement with their conclusions.

The decision of the Board of Appeals is affirmed.

Affirmed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,254,317, W. H. Faust, Process of converting garbage into food, D. C., S. D. Calif. (Los Angeles), Doc. E 402–J, *U. S. Bi-Products Corp.* v. *W. A. Bush et al.* (National City Turpentine Co.). Claims 1, 2, 5, and 7 of 1,254,317 held void, claim 1 only held infringed. Dismissed for want of equity Oct. 9, 1936. Patent 1,440,727, W. H. Faust, Process of treating garbage, withdrawn by Bill of Particulars Dec. 4, 1934.

1,289,364, T. R. Biggs, Method of and apparatus for cooling beer, D. C., N. D. Ohio, E. Div., Doc. 5004, *The Russ Soda Fountain Co. et al.* v. *The A. Claus Mfg. Co.* Dismissed Oct. 8, 1936.

1,307,734, A. V. Gullborg, Lubricating means, D. C., W. D. N. Y., Doc. E 1473–H, *Alemite Mfg. Corp.* v. *V. O. Phillips.* Decree Oct. 8, 1936.

1,310,615, W. R. Greenlee, Method of and system for pumping, D. C., S. D. Tex. (Houston), Doc. E 700, *Gas-Power, Inc. et al.* v. *Mill Bennett Production Co.* Dismissed Sept. 28, 1936.

1,336,490, 1,560,436, E. C. Staples, Metallic shelving; 1,450,191, J. Sturm, Sheet metal shelving, D. C., N. D. Ohio, E. Div., Doc. 5450, *Republic Steel Corp.* v. *The Interior Steel Equipment Co. et al.* That portion of bill charging conspiracy, infringement and unfair competition is dismissed without prejudice as to The Interior Steel Equipment Co.; injunction issued Oct. 14, 1936.

1,341,957, E. C. Wilson, Hoist; 1,468,589, W. W. Wilson, Elevator; 1,486,471, C. E. Wilcox, Well pipe elevator; 1,490,445, W. W. Wilson, Well elevator; 1,498,141; E. C. Wilson, same, D. C., W. D. Okla. (Oklahoma City), Doc. E 1912, *Bryon Jackson Co.* v. *Burney-Warr & Ruble Supply Co.* Patents held valid and infringed (notice Oct. 13, 1936).

1,376,154, J. M. Morris, Electrical lighting device; 1,620,548, R. O. Hammond, Lighter for cigars; 1,657,189, F. Bain, Cigar lighter; 1,769,912, J. R. Ayotte, same, 1,944,925, J. H. Cohen, same; 1,763,343, same, Electrical device and the manufacture thereof, filed Sept. 2, 1936, D. C., N. D. Ill., E. Div., Doc. 15,337, *Casco Products Corp.* v. *Sinko Tool & Mfg. Co.*

1,390,267, C. F. Arnold, Machine for making and applying tufts, D. C., S. D. N. Y., Doc. E 76/303, *E. L. Mansure Co.* v. *Consolidated Trimming Corp. et al.* Dismissed (notice Oct. 8, 1936).

1,440,727. (See 1,254,317.) 1,450,191. (See 1,336,490.)
1,468,589. (See 1,341,957.) 1,486,471. (See 1,341,957.)
1,490,445. (See 1,341,957.) 1,498,141. (See 1,341,957.)
1,560,436. (See 1,336,490.) 1,572,773. (See 1,901,735.)

1,577,238, W. Katz, Hat, D. C., S. D. N. Y., Doc. E 76/133, *W. Katz* v. *The F. H. Lee Co.* Consent order of discontinuance without prejudice (notice Oct. 14, 1936).

1,582,224, G. H. Prout, Sucker rod hanger, appeal filed Oct. 8, 1936, C. C. A., 10th Cir., Doc. 1483, *J. A. Ratigan* v. *Deckard Supply Co. et al.*

1,620,548. (See 1,376,154.) 1,627,958. (See 1,901,735.)
1,649,828. (See 1,901,735.) 1,657,189. (See 1,376,154.)

1,726,500, R. F. Norris, Sound deadening construction, filed Oct. 5, 1936, D. C., S. D. Calif. (Los Angeles), Doc. E 1027–J, *C. F. Burgess Laboratories, Inc.*, v. *Coast Insulating Corp.*

1,736,533, Irwin & Beklus, End extension table, D. C., W. D. Mich. S. Div.. Doc. E 2714, *R. W. Irwin Co.* v. *Dutch Wood-craft Shops.* Dismissed without prejudice Oct. 12, 1936.

1,763,343. (See 1,376,154.) 1,769,912. (See 1,376,154.)

1,791,175, W. E. Tomlinson, Feeding device, filed Jan. 22, 1936, D. C., E. D. Mich. (Detroit), Doc. 7416, *W. E. Tomlinson* v. *Peerless Mfg. Co. et al.* Decree for plaintiff Oct. 12, 1936.

1,831,151. (See 1,901,735.)

1,833,846, A. W. Mellowes, Air cooling and water freezing evaporator for mechanical refrigerating apparatus, D. C., E. D. Mich. (Detroit), Doc. 7594, *E. B. Tower, Jr.* v. *Caswell, Inc.* Dismissing and discontinuing cause on stipulation Oct. 12, 1936.

1,875,295, M. Fox, Extension table, D. C., W. D. Mich., S. Div., Doc. E 2743, *R. W. Irwin Co.* v. *Dutch Wood-craft Shops.* Dismissed without prejudice Oct. 12, 1936.

1,892,426, 1,894,032, 1,919,690, R. L. Evans, Method of and means for permanently waving hair, D. C., E. D. N. Y., Doc. E 7752, *Zotos Corp.* v. *W. Rader.* Decree for plaintiff Oct. 16, 1936.

1,894,032. (See 1,892,426.)

1,901,735, A. Crossley, Piezo electric crystal system; 1,627,958, same, Radio frequency choke coil system; 1,572,773, same, Piezo electric crystal apparatus; 1,831,151, G. P. Walker, Temperature control system for frequency determining elements; 1,649,828, A. Hund, Method of preparing piezo electric plates, D. C., S. D. Ohio (Dayton), Doc. E 358, *Wired Radio, Inc.*, v. *Radio Station WSMK, Inc.* Dismissed Sept. 28, 1936.

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1,943,809, P. Bischof, Take-up device for stranded cables, filed Oct. 9, 1936, D. C., S. D. N. Y., Doc. E 83/383, *E I S Mfg. Co., Inc.*, v. *Supco Products Corp. et al.*

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1,964,296, L. C. Moeckel, Spring bed bottom, filed Oct. 15, 1936, D. C., E. D. N. Y., Doc. E 8072, *Greenpoint Metallic Bed Co., Inc.*, v. *Fischer Spring Bed Mfg. Co., Inc.*

1,994,318, G. Loth, Shipping carton, filed Oct. 14, 1936, D. C., N. D. Ohio, E. Div., Doc. E 5524, *The Hince & Dauch Paper Co.* v. *I. Siler* (*The Siler Hatchery*).

2,003,114. (See Re. 19,947.)

2,020,683, R. W. Hale, Braiding mechanism and process; 2,036,805, same, Machine-made braid and process of making same, filed Oct. 13, 1936, D. C., E. D. N. Y., Doc. E 8071, *R. W. Hale et al.* v. *Hamilton Narrow Fabric, Inc.*

2,027,841, F. Roth, Ham boiler, filed Oct. 6, 1936, D. C., N. D. Calif. (San Francisco), Doc. E 4088–R, *C. F. Roth* v. *Meat Packers Equipment Co. et al.*

2,036,805. (See 2,020,683.)

2,048,570, 2,048,571, Des. 99,554, Des. 99,732, S. C. Slaymaker, Padlock, filed Oct. 7, 1936, D. C., E. D. Pa., Doc. 9555, *The Slaymaker Lock Co.* v. *I. P. Reese* (*Reese Padlock Co.*) *et al.*

2,048,571. (See 2,048,570.)

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Des. 91,589, Des. 91,895, C. Miller, Shoe, D. C., S. D. N. Y., Doc. E 78/219, *I. Miller & Sons, Inc.*, v. *M. J. L. Shoe Shops, Inc.* Decree sustaining patent and granting injunction (notice Oct. 14, 1936).

Des. 91,895. (See Des. 91,589.)

Des. 92,152, Presslaff & Bernstein, Blouse, D. C., S. D. N. Y., Doc. E 78/203, *Presslaff & Bernstein, Inc.*, v. *R. A. Freed Co., Inc.* Consent decree for plaintiff (notice Oct. 15, 1936).

Des. 99,392, M. Hirsh, Coat, D. C., S. D. N. Y., Doc. E 83/363, *M. Hirsh* v. *Siegel Bros. Kiki Maid Koats, Inc.* Consent order of discontinuance (notice Oct. 14, 1936). Doc. E 83/368, *M. Hirsh* v. *Ellis Coat Co., Inc.* Decree as above. Doc. E 83/369, *M. Hirsh* v. *Lieberman-Sandhaus Corp.* Consent order of discontinuance (notice Oct. 23, 1936.)

Des. 99,554. (See 2,048,570.)

Des. 99,732. (See 2,048,570.)

Des. 101,229, I. Kranz, Dress, filed Oct. 13, 1936, D. C., S. D. N. Y., Doc. E 83/385, *Wellesley Modes, Inc.*, v. *Carol Lee Shops, Inc.*

BULLETIN OF DECISIONS OF PATENT OFFICE ON TRADE-MARKS, LABELS, AND PRINTS

RENDERED DURING OCTOBER, 1936

CONTINENTAL DISTILLING CORPORATION *v.* THREE G DISTILLERY CORP., Opposition No. 14,611.

In a decision rendered October 2, 1936 (159 Ms. Dec. 776), *Assistant Commissioner Frazer* held that an opposition by Continental Distilling Corporation, of Philadelphia, Pa., to the registration by Three G Distillery Corp., of Burbank, Calif., of the notation "Valley Falls" as a trade-mark for whisky, should have been dismissed since the opposer had not established ownership of the mark upon which the opposition was based. He held further that the mark was not registrable to the applicant since it was merely a geographical notation.

With respect to the opposition, after stating that neither party had taken testimony but the opposer had relied upon an application filed by it for registration of the term "Valley Forge" and the Examiner of Interferences had held it was entitled to the date of its application as a date of prima facie use, under certain decisions of the Patent Office in interference cases, the Assistant Commissioner said:

"I do not think the rule announced in either of those decisions is applicable in an opposition proceeding. In an interference proceeding no pleadings are filed, and hence until testimony is taken the assertions of each party in its application for registration stand undenied by the other. In an opposition proceeding the issues are joined by opposer's notice and the answer thereto of the applicant, and in order to prevail the opposer must prove by competent evidence such essential allegations of the notice as are not admitted in the answer. If an opposer's mark has been registered the statute accords it the presumption of ownership, but the mere fact that registration has been applied for is evidence of nothing beyond that fact.

"In the instant case opposer's ownership of the mark relied on was alleged under oath in the notice of opposition, and was denied under oath in applicant's answer. The burden thus rested upon opposer to prove that which it had alleged, and such burden could not be discharged simply by showing that it had previously made a similar averment under oath in applying for registration. I do not think the cases cited by the Examiner of Interferences conflict with this view, but in order that there may be no misunderstanding it is now expressly held that in an opposition proceeding an opposer's pending application for registration of its trade-mark is not competent evidence of ownership or use of the trade-mark disclosed in the application, either at the time of filing or at any other time."

With reference to the geographical character of applicant's mark, he said:

"The statute prohibits registration of any mark which consists in 'merely a geographical name or term.' The U. S. Postal Guide discloses that there are towns named 'Valley Falls' in Kansas, New York, Oregon, and Rhode Island. That the name of a town is geographical cannot very well be disputed."

CLUETT, PEABODY & CO., INC., *v.* ADELPHI SHIRT CO., Opposition No. 14,461.

In a decision rendered October 6, 1936 (159 Ms. Dec. 778), *Assistant Commissioner Frazer* held that Adelphi Shirt Co., of Allentown, Pa., is not entitled to register the notation "Lord Kent", displayed in association with the representation of a man on horseback, as a trade-mark for men's and boys' underwear and boys' blouses, in view of the prior adoption and use by Cluett, Peabody & Co., Inc., of Troy, N. Y., of the notation "Kent" as a trade-mark for the same goods.

He further held that the mark was not registrable to applicant since it was the mere name of an individual.

In his decision, after noting that the opposer had sought to register the word "Kent" under the act of 1905, but in view of the objection that it was geographical, had amended its application and obtained registration under the act of 1920, the Assistant Commissioner said:

"This registration has no materiality here except as an admission by the opposer that it does not own its mark within the meaning of the 1905 act. It is amply established by the evidence, however, that opposer had actually used the mark for many years before applicant's adoption of the mark now sought to be registered. Such use sufficiently entitles opposer to prevail in this proceeding if applicant's mark so nearly resembles the one thus used as to be likely to cause confusion."

He further said, with reference to the similarity of the two marks:

"To the purchasing public 'Kent' is as likely to signify the name of a person as it is the name of a place, and I am convinced that many purchasers would have difficulty in distinguishing between the two names 'Kent' and 'Lord Kent' when applied to merchandise so closely related as that with which these marks are used."

With reference to applicant's mark being a mere surname, he said:

"Besides being geographical the word 'Kent' is admittedly a common surname, and I do not think the addition thereto of the title 'Lord' saves it from being merely the name of an individual within the meaning of the statute. *In re Artesian Manufacturing Co.*, 37 App. D. C. 113. Nor do I think the design feature of applicant's mark results in a 'particular or distinctive manner' of display of the name 'Lord Kent', which is printed in perfectly plain letters. It follows that in my opinion applicant's mark is unregistrable under the 1905 act regardless of any rights of the opposer."

KILBURN *v.* HARRISON-SIMPSON COMPANY, Cancellation No. 2,976.

In a decision rendered October 6, 1936 (159 Ms. Dec. 779), *Assistant Commissioner Frazer* held that a petition filed by Frank W. Kilburn, of Boston, Mass., for the cancellation of the registration of a trade-mark obtained by Harrison-Simpson Company, of Boston, Mass., was properly dismissed on the ground that the petitioner had established no ground for cancelling the mark.

In his decision, after stating that petitioner alleged that he was a member of a partnership which had licensed a third party to manufacture a patented device and the trade name used with it includes the registered mark, the Assistant Commissioner said:

"The Examiner of Interferences based his decision on a holding that use of a trade-mark by a partnership gives no right of action to an individual partner with respect to such mark. But while I agree that this is the law, I am further unable to find any averment in the petition that Kilburn's partnership has ever used the mark here involved. Stripped of legal conclusions and immaterial statements of fact, the petition for cancellation alleges merely that petitioner devised the registered trade-mark and authorized registrant to use it; that later his firm licensed a third party to manufacture and sell the article with which registrant uses the mark; and that registrant has objected to such third party's use of its registered trade-mark. Ample grounds for this objection are fully set forth in the petition."

E. C. DE WITT & CO., INC., *v.* BREWER & COMPANY, INC., Opposition No. 14,815.

In a decision rendered October 7, 1936 (159 Ms. Dec. 780), *Assistant Commissioner Frazer* held that the opposition by E. C. De Witt & Co., Inc., of Chicago, Ill., to the registration by Brewer & Company, Inc., of Worcester, Mass., of a certain trade-mark for plain and mint flavored cod liver oil and cod liver oil wafers, etc., was properly sustained in view of the admitted prior use and registration by E. C. De Witt & Co., Inc., of certain trade-marks for various medicinal preparations including remedies for the relief of kidney, bladder and liver troubles.

In his decision, after stating that the goods were obviously of the same descriptive properties and quoting from the decision of the Examiner of Interferences the following description of the trade-marks of the respective parties:

"The two marks shown in the registrations of the opposer consist of substantially the same pictorial matter, comprising a representation of apparently continuous mountain peaks forming a foreground and horizon line which in effect partially obscures a circular representation of the sun. The visible portion of this latter representation is provided with radiating lines representing sun rays. The mark claimed by the applicant substantially conforms with the foregoing description of the marks of the opposer, primarily differing therefrom in that a larger portion of the sun is visible over the horizon, and, in place of a continuous succession of mountain peaks in the foreground, the outer mountain peaks are separated by the representation of an expanse of water and a centrally disposed picture of a sailing ship."

he said:

"Applicant insists that its mark is essentially a maritime scene, and thus differs fundamentally from the landscape constituting the subject of opposer's marks. As described in applicant's brief it might well be concluded that the marks are not at all confusingly similar, but an inspection of the marks themselves leads to a contrary result; and where, as here, trade-marks are comprised solely of design features, their impression on the eye is the only reliable test of similarity. Applying that test to the marks before me I am convinced that there is at least a reasonable probability that their concurrent use on the goods described would tend to confuse purchasers; and any doubt in that regard must, of course, be resolved in favor of the first user."

Then, with reference to applicant's argument that although the marks have been concurrently used in the same general territory, there is no proof of a single case of actual confusion, he said:

"While it is true that no actual confusion has been shown, the balance of the statement quoted from applicant's brief is not supported by the record. Moreover, it is not necessary that an opposer prove actual confusion." Citing *Pepsodent Co. v. Comfort Manufacturing Co.*, 83 Fed. (2d) 906, 23 C. C. P. A. ———.

EX PARTE AMERICAN BLEACHED GOODS COMPANY, INC., Serial No. 374,609 and Serial No. 374,610.

In a decision rendered October 10, 1936 (159 Ms. Dec. 782), *Assistant Commissioner Frazer* held that where it was shown that the applicant had been described in the application as a corporation organized under the laws of New Jersey when it appeared that the corporation in fact was organized under the laws of Delaware, it was proper to admit an amendment to make that correction if the facts were stated in an affidavit.

In his decision the Assistant Commissioner said:

"Obviously a reference to the State of its incorporation is no part of the name of a corporation, but serves merely as an additional means of identification. While it is of course possible, it is nevertheless highly improbable that two corporations of the same name, one organized under the laws of New Jersey and the other under the laws of Delaware, would both be doing business at the same street address in New York city. It seems reasonable therefore to accept counsel's explanation that the place of incorporation was incorrectly stated in these applications through inadvertence, and I can see no good reason why the mistake should not be corrected by amendment. Certainly I am unable to agree with the Examiner that the proposed correction would result in a change of applicants."

He further said:

"However, in view of the fact that the matters set forth in the applications, including the place of applicant's incorporation, are verified under oath by one of applicant's officers, I think the amendments should be supported by affidavit, likewise executed by an officer of the corporation, clearly establishing that applicant is in fact a corporation of the State of Delaware."

THE FLORSHEIM SHOE COMPANY *v.* KRAUS, Cancellation No. 2,874.

In a decision rendered October 12, 1936 (159 Ms. Dec. 784), *Assistant Commissioner Frazer* held that Otto E. Kraus, of Chicago, Ill., was entitled to register, under the act of 1920, the name "Florsheim" as a trade-mark for razor blades, notwithstanding the prior adoption and use by The Florsheim Shoe Company, of Chicago, Ill., of the same word as a trade-mark for shoes.

The ground of the decision is that the goods are clearly not of the same descriptive properties.

In his decision, after stating that the marks being identical the question to be determined was whether the goods were of the same descriptive properties, he said:

"Most emphatically that question must be answered in the negative. In my opinion they differ almost as widely as the lipstick and steam shovel of Judge Hand's classical illustration in *L. E. Waterman Co.* v. *Gordon*, 72 Fed. (2d) 272."

And then after stating petitioner's argument that, even though the goods are different, the registration should be cancelled on the ground that the registrant was not entitled to the exclusive use of the mark at the date of his application, he said:

"I think this contention is without merit. The quoted language of the statute clearly has reference to an exclusive use in connection with the particular class of goods covered by the registration, and the right of a registrant in that regard is in no way impaired by another's use of the same mark on goods of a different class."

And then, after stating that one of the witnesses had testified that petitioner had used the mark "Florsheim" not only on shoes but on various novelties such as memorandum books, pencils, lighters, etc., he said:

"This evidence was objected to by respondent as being unsupported by the allegations of the petition. The objection was sustained and I think properly so. In its brief on appeal petitioner urges 'that it should have been allowed to amend its petition to conform to the proof when it offered to do so.' It is not at all clear that the offer to amend was made in such form as to require a ruling thereon, but in any event I am clearly of the opinion that the amendment would have been improper.

"In the petition for cancellation no reference was made to petitioner's use of its mark on any other merchandise than shoes. Had that pleading alleged use on these other items respondent may have desired to avail himself of

the opportunity to cross-examine petitioner's witnesses. He was entitled to assume that the testimony would be restricted to the matters actually alleged, and with respect to those matters cross-examination was unnecessary. Had he been represented at the taking of petitioner's testimony a different question would arise, but he was not represented, nor can I perceive any good reason why he should have been. Under these circumstances an adjudication of the case based upon evidence of matters not originally pleaded would in my opinion be highly prejudicial to the rights of the objecting party."

BORDEN QUALITY, INC., *v.* BLUE VALLEY CREAMERY COMPANY, Opposition No. 14,429.

In a decision rendered October 12, 1936 (159 Ms. Dec. 786), *Assistant Commissioner Frazer* held that Blue Valley Creamery Company of Chicago, Ill., is not entitled to register the notation "Valley Farm", as a trade-mark for butter, in view of the prior registration of "Valley Grove", for the same goods.

In his decision, after stating that the Examiner of Interferences had dismissed the opposition but held that the applicant could not obtain registration for the reasons above stated, and that the opposer had not appealed, the First Assistant Commissioner said, with reference to the ground of rejection above stated:

"In my opinion the conclusion reached by the Examiner of Interferences is unquestionably sound. While the words 'Farm' and 'Grove' are of course entirely different in spelling, sound, meaning and appearance, obviously this is not true of the two marks in their entireties. Both suggest rural scenes, and upon casual observation would be likely to leave the same general impression in the mind of the average purchaser. I think it might frequently happen that one having heard of 'Valley Grove' butter, would, upon seeing 'Valley Farm' butter for sale in a grocery store, become confused and conclude that the two were the same. In *Fashion Park, Inc. v. The Fair*, 18 C. C. P. A. 1399, 49 Fed.(2d) 830, it was held that 'Fashion Park' and 'Fashion Row' are confusingly similar when applied to identical merchandise."

MOON GLOW COSMETIC COMPANY, LTD. *v.* MOUNTAIN VARNISH & COLOR WORKS, INC., Cancellation No. 2,768.

In a decision rendered October 12, 1936 (159 Ms. Dec. 787), *Assistant Commissioner Frazer* held that Moon Glow Cosmetic Company, Ltd., of Hollywood, Calif., had not established sufficient grounds for cancelling the registration to the Mountain Varnish & Color Works, Inc., of Toledo, Ohio, of the notation "Miraglo", displayed against a pictorial design, as a trade-mark for manicure preparations, creams, lotions, etc.

In his decision, after stating that the Examiner of Interferences had sustained the petition for cancellation in view of the petitioner's use of the notation "Moon Glow", for the same goods, and that he would have been constrained to affirm the decision if the similarity of the marks had been the essential point in the case, he said:

"Petitioner was incorporated February 23, 1934, or five months after respondent's registration issued. In the petition use is alleged by petitioner 'and its predecessor, Louis Herzberg', who is now its president, since about May 15, 1928; and petitioner asserts ownership of a registration of its mark issued to Herzberg March 21, 1933. Manifestly petitioner assumed the burden of proving one or the other of those averments, both of which were denied in the answer, or at least a use antedating the issuance of respondent's certificate. In my opinion that burden has not been sustained."

He then discussed the testimony as to the ownership of the mark and said:

"It is true that other statements were made by the witness which are somewhat contradictory of the foregoing; but in view of his relationship to petitioner, and the fact that it is his use and ownership of the mark on which petitioner must rest its case, I think such statements may properly be disregarded.

"Herzberg testified that he had orally assigned the 'Moon Glow' mark to petitioner when it was incorporated, but passing over the unsatisfactory character of the evidence in that regard, it seems abundantly clear that he had previously parted with his interest in the mark and hence had nothing to assign. By the same token it necessarily follows that he did not own the mark when it was registered to him in 1933, and certainly the certificate of registration could confer no greater property rights on petitioner than were possessed by its purported assignor. Whether or not petitioner now owns the mark on which it relies need not be determined, for such ownership can be predicated only on its own use, and as already noted petitioner did not come into existence until five months after the date of respondent's registration."

C. W. BEGGS, SONS & CO. *v.* ODA S. BLAIR, Opposition No. 14,573.

In a decision rendered October 15, 1936 (159 Ms. Dec. 789), *Assistant Commissioner Frazer* held that Oda S. Blair, of New Orleans, La., is not entitled to register the notation "Non-Allergic" as a trade-mark for certain cosmetics and toilet preparations, in view of the fact that the opposer, a manufacturer of cosmetics, had, prior to applicant's filing date, advertised its goods as being "non-allergic", as had many other dealers in similar products.

In his decision, after stating that applicant had taken no testimony and referring to the testimony of the opposer as to the use by itself and others of the term "Non-Allergic" and stating that upon this uncontradicted evidence the Examiner of Interferences had no alternative but to hold applicant's mark descriptive of the goods, the Assistant Commissioner said:

"With its brief on appeal applicant filed several letters, in which is expressed the opinion of the signers that the term 'non-allergic' is not descriptive of cosmetics; and also copies of the complaint and answer in a proceeding said to have been instituted against opposer by the Federal Trade Commission. Obviously these documents would be incompetent as evidence in this proceeding even had they been properly made of record. Moreover, had the signers of the letters all been called as witnesses and given testimony corresponding to the statements contained in their letters, opposer's evidence of descriptiveness would still greatly preponderate."

LEVY BROS. & ADLER ROCHESTER, INCORPORATED, *v.* S. MAKRANSKY AND SONS, INC., Trade-Mark Interference No. 2,588.

In a decision rendered October 17, 1936 (159 Ms. Dec. 790), *Assistant Commissioner Frazer* held the term "Alpacian" was not unregistrable as being descriptive of men's overcoats.

In his decision the Assistant Commissioner stated that testimony had been taken only by Levy Bros. & Adler Rochester, Incorporated, of Rochester, N. Y., the applicant, that the Examiner of Interferences held this testimony to establish a date of use of the mark "Alpacian" by the applicant prior to the filing date of the registrant S. Makransky and Sons, Inc., of Philadelphia, Pa., and that the registrant did not appeal from the decision of the Examiner of Interferences.

He then, after stating that the Examiner of Interferences had held "Alpacian" unregistrable because it is descriptive of the goods, said:

"'Alpaca' is defined in the dictionaries as a llama-like animal, as a cloth made from the wool of such an animal, and as a garment made from such cloth. 'Alpacian' is not to be found in any available dictionary, nor does it appear from the record to have any meaning other than that acquired through applicant's use. While it is of course true that the suffix 'ian' gives the word an adjective form, I do not think it is a form that would normally be used by the public or by other dealers in similar merchandise to describe alpaca overcoats. Standing alone it would, in fact, be difficult to determine from what noun the adjective was derived, because it is formed not merely by adding the suffix 'ian' but also by dropping the final 'a'. Moreover in the expression 'alpaca overcoat' the word 'alpaca' is a so-called adherent noun, which functions as an adjective without any change in form; and to describe an alpaca coat as 'alpacian' would be as incorrect grammatically as to speak of a velvet gown as 'velvetian'. I think a prospective purchaser in search of an alpaca coat would in all probability ask for just that, and that if he should ask for an 'Alpacian' coat it would be because he was familiar with applicant's trade-mark and wanted applicant's goods."

THE SCHOLL MFG. CO., INC., *v.* WEYENBERG SHOE MFG. CO., Opposition No. 14,521.

In a decision rendered October 21, 1936 (159 Ms. Dec. 792), *Assistant Commissioner Frazer* held that Weyenberg Shoe Mfg. Co., of Milwaukee, Wis., is not entitled to register the notation "Port-O-Pedic" as a trade-mark for shoes, in view of the prior adoption and registration by The Scholl Mfg. Co., Inc., of Chicago, Ill., of the term "Practipedic" as a trade-mark for the same goods, since the marks are so similar as to be likely to confuse the public and deceive purchasers.

In his decision the Assistant Commissioner said:

"Applicant argues that as the suffix 'pedic,' common to both marks, obviously refers to the foot, it cannot be exclusively appropriated as a trade-mark for footwear, and cites a number of prior registrations as evidence that it has become public juris. The marks of the parties being otherwise dissimilar, it is thus urged that confusion would not be likely to result from their concurrent use on identical goods.

"Similar arguments were advanced in the case of *Pepsodent Co. v. Comfort Manufacturing Co.* (C. C. P. A.), 83 Fed.(2d) 906, where the marks involved and held to be confusingly similar were 'Pearledent' and 'Pepsodent', both applied to dentrifices. In the court's opinion in that case every question presented here is conclusively answered, and in view of the fact that the resemblances and differences of the marks there considered and of those here involved are substantially parallel, I think that case is controlling in the present proceeding."

LEVY BROS. & ADLER ROCHESTER, INCORPORATED, *v.* JACOB SIEGEL (JACOB SIEGEL COMPANY, ASSIGNEE, SUBSTITUTED), Cancellation No. 2,844.

In a decision rendered October 21, 1936 (159 Ms. Dec. 793), *Assistant Commissioner Frazer* denied a motion to dismiss the appeal of Levy Bros. & Adler Rochester, Incorporated, of Rochester, N. Y., from the decision of the Examiner of Interferences dismissing its petition to cancel the registration obtained by Jacob Siegel, of Philadelphia, Pa. He also held that the mark relied upon by the petitioner for cancellation was not descriptive of the goods and that it was not confusingly similar to the registered mark.

With reference to the dismissal of the appeal, the Assistant Commissioner said:

"Respondent has moved to dismiss the appeal on two grounds, namely, that appellant did not file an additional copy of the record within the time prescribed by rule 162, and that it failed to comply with the requirement of rule 144 that its brief on appeal be served and filed thirty days before the date set for hearing. The brief was served on respondent's counsel in ample time for them to prepare their oral argument, and they were given ten days after hearing to file a supplemental brief in reply if they so desired. The fact that they have not taken advantage of this privilege sufficiently indicates that no prejudice has resulted from the late filing of appellant's brief. The filing of additional copies of the record as provided in rule 162 is solely for the convenience of the appellate tribunals of the Office, and appellant's failure to comply with that provision of the rule in no way affected the rights of respondent. While such delays as those of which appellant's counsel has been guilty in this case are thoroughly objectionable, it is not thought that such an extreme penalty as dismissal of the appeal is warranted, and the motion to dismiss is denied."

He then, after stating that the Examiner of Interferences had held the mark of petitioner for cancellation to be descriptive and hence not "owned" by it, said:

"Appellant's [petitioner for cancellation] mark is alleged to be 'Alpacian,' and it is used with men's overcoats. It appears from the record that the cloth of which these coats are made contains alpaca wool. The Examiner was of the opinion that 'Alpacian' is merely the adjective form of the noun 'alpaca,' and therefore descriptive of appellant's overcoats. I am unable to concur in this conclusion. While the suffix 'ian' is commonly used to form adjectives from nouns, the noun here involved, when used to modify such a word as 'coat,' is taken as an adjective without any modification in form, just as is the noun 'gingham' in the expression 'gingham apron'. It is also to be noted that the final 'a' has been dropped from 'alpaca' before the addition of the suffix, and the result is a word quite devoid of meaning in the absence of that suggested through its association with alpaca goods. In such association it is of course highly suggestive, as for that matter is also respondent's registered mark, 'Alpacuna'; but that does not necessarily affect its validity as a trade-mark. *Van Camp Sea Food Co. v. A. B. Stewart Organizations*, 18 C. C. P. A. 1415, 50 Fed.(2d) 976."

With reference to the likelihood of confusion, after stating that the respondent's registered mark is the term "Alpacuna" as applied to men's topcoats, overcoats, and suits, he said:

"But I agree with the Examiner that the marks of the parties are not confusingly similar, particularly when the comparison is limited to appellant's mark as actually used and respondent's mark as registered. The record clearly establishes that 'Alpacian,' in its application to appellant's goods, has always been associated with and preceded by the words 'Mt. Rock,' and usually the complete notation has been displayed upon a distinctive design background. Respondent's registration is of the single word 'Alpacuna'. It is true that in use other features have been added, but the mark as registered is all that may properly be considered in this proceeding.

"Does 'Alpacuna' so nearly resemble 'Mt. Rock Alpacian' as to be likely to confuse the public or to deceive purchasers? In my opinion it does not. Even the two words 'Alpacuna' and 'Alpacian' differ sufficiently in both appearance and sound to insure against any reasonable probability of confusion, and when the words 'Mt. Rock' are prefixed to appellant's mark I think any possible doubt in that regard is removed."

PILOT RADIO CORPORATION *v.* WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, Opposition No. 14,704.

In a decision rendered October 26, 1936 (159 Ms. Dec. 796), *Assistant Commissioner Frazer* held that Westinghouse Electric & Manufacturing Company, of East Pittsburgh, Pa., was not entitled to register the term "Pilotel" as a trade-mark for electric light meters and ammeters, in view of the registration by Pilot Radio Corporation, of Brooklyn, N. Y., of the term "Pilot" in association with a design feature and the same term alone, as a trade-mark for condensers, jacks, plugs, and radio receiving sets, and the term "Pilotone" as a trade-mark for radio receiving sets and parts thereof.

In his decision after stating that in his opinion each of the registrations relied on by opposer includes items which are of the same descriptive properties as electric light meters and ammeters and the trade-marks of the respective parties are

confusingly similar, the Assistant Commissioner said:

"In reaching a contrary conclusion the Examiner of Interferences appears to have been influenced to some extent by the stipulated facts that applicant's meters are designed for a special purpose, are complex and expensive, and reach only a limited and discriminating class of purchasers; whereas opposer's goods are relatively cheap in price and are sold to the public generally. Assuming this to be a proper test of likelihood of confusion, it is to be noted that the proposed registration of applicant's mark is not restricted to any particular type of meter, but covers electric light meters and ammeters of all descriptions."

NATIONAL OIL PRODUCTS COMPANY *v.* WYMER, Opposition No. 14,668.

In a decision rendered October 31, 1936 (159 Ms. Dec. 798), *Assistant Commissioner Frazer* held that the opposition of National Oil Products Company, of Harrison, N. J., to the registration by George E. Wymer, of Dayton, Ohio, of a trade-mark for a shampoo powder for rugs and upholstery having incidental disinfecting properties, was properly dismissed but the applicant is not entitled to registration of its mark since that mark is merely descriptive.

The Assistant Commissioner, in his decision, described the marks as follows:

"The mark disclosed in applicant's drawing is unpronounceable, and somewhat difficult to describe. It consists of an elongated capital 'P', to the left of which are the letters 'NA' above and the word 'Sham', and to the right of which are the letters 'oo'. Opposer asserts that the mark is 'Napoo Shampoo,' and the Examiner shares that view. Applicant simply reproduces the mark in facsimile each time it is referred to in the brief, and leaves its solution to the reader. However, in the printed matter which appears on the specimen labels filed with the application the product to which the mark is applied is repeatedly designated as 'Nap-Shampoo', and I think that is the way the mark would be read by the average observer. At least that is clearly the way applicant intends it to be read and pronounced by purchasers.

"The mark chiefly relied on by opposer is 'Nopco', which is alleged in the notice of opposition to have been used by opposer 'for many years' on disinfectants and dry-cleaning soaps."

He then, after stating that the case had been submitted on an agreed state of facts, said that from that statement it appears:

"that prior to applicant's first use of his mark opposer had sold only two products that may properly be held to be goods of the same descriptive properties as those to which applicant's mark is applied. The first is described in the stipulation as 'a cleansing disinfectant used as a substitute for soap for general cleansing purposes, especially where grease is to be removed'. This item is sold under the trade-mark 'Nopco 1687.' The second is described as 'a general cleanser for hair, hands and fabrics', and is sold under the trade-mark 'Nopco 1392 AL.'"

With reference to the likelihood of confusion by reason of contemporaneous use of the two marks, he said:

"I am convinced that there is no reasonable likelihood of confusion between either of those marks and the one sought to be registered. The other marks referred to in the notice of opposition and in the stipulation need not be discussed, because their use has been restricted to merchandise differing from that of applicant to such an extent that similarity of the marks is immaterial."

Then with reference to the question of the descriptiveness of applicant's mark, he said:

"In my opinion it is purely descriptive of the goods with which it is used. The verb 'shampoo' means to cleanse, and its definition is illustrated in Webster's New International Dictionary by reference to the cleansing of a rug. The same authority defines 'shampoo' as a noun meaning 'a mixture or preparation to be used in shampooing'. Applicant's product is a shampoo designed for cleansing the surface, or 'nap,' of various fabrics, including rugs. In other words it is a 'nap shampoo'. That this is literally true is evidenced by the printed matter on the labels, which reads in part as follows:

"'Just whisk on Nap-Shampoo with a brush. It cleans, brightens, disinfects and mothproofs in one operation. No fuss . . . No bother . . . . No hard rubbing. Like magic your dull rugs become clean, bright and lustrous right under your very eyes.'

"Applicant has disclaimed the word 'shampoo', but as the notation in its entirety is descriptive of the goods such partial disclaimer does not make the mark registrable."

EX PARTE FREDERICK W. GOAKES, Serial No. 370,465.

In a decision rendered October 31, 1936 (159 Ms. Dec. 797), *Assistant Commissioner Frazer* held that the notation "Spine-eez" was improperly refused registration as a trade-mark for rubber heels.

In his decision, after stating that the Examiner had refused registration on the theory that the mark was descriptive since it is well known that cushion heels ease jar on the spinal column, and this is clearly described by the notation "Spine-eez", the Assistant Commissioner said:

"If the question were one of first impression I should be inclined to agree with the Examiner; but I think this case is controlled by In re Irving Drew Co., 54 App. D. C. 310, 297 Fed. 889, where the Court of Appeals of the District of Columbia reversed the Patent Office and permitted registration of the words 'Arch Rest' as a trade-mark for shoes. (Quoting from the opinion).

"Clearly if 'Arch Rest' is not descriptive of shoes, or of the character or quality of such goods, 'Spine-eez' can be no more than suggestive of rubber heels. In fact the Examiner's reason for holding applicant's mark descriptive is substantially the same reason advanced by the court for holding the 'Arch Rest' mark merely suggestive."

TRADE-MARKS

OFFICIAL GAZETTE, NOVEMBER 24, 1936

[VOL. 472. No. 4]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly-Prepared Materials

Ser. No. 383,167. THE GLEMBY COMPANY, INC., New York, N. Y. Filed Sept. 12, 1936.

"INVISITEX"

For Human Hair Used in Making Hair Nets.
Claims use since July 10, 1936.

Ser. No. 383,911. WALTER S. BAYLIS, Los Angeles, Calif. Filed Oct. 3, 1936.

NEUFULITE

For Neutral Activated Fuller's Earth for Treating Animal and Vegetable Oils, and Particularly Refined Animal and Vegetable Oils.
Claims use since Sept. 16, 1936.

Ser. No. 384,152. AMERICAN MAIZE-PRODUCTS COMPANY, New York, N. Y. Filed Oct. 9, 1936.

MACO

For Prolamin Material Derived from Corn Gluten for the Manufacture of Plastic Materials and Adhesives in the Nature of Raw or Partly-Prepared Materials.
Claims use since Sept. 19, 1936.

CLASS 2

Receptacles

Ser. No. 383,081. AL-LON MANUFACTURING CO., INC., Baltimore, Md. Filed Sept. 10, 1936.

HERMETITE

For Cloth Garment Bags and Cloth Shoe Bags.
Claims use since September, 1926.

Ser. No. 384,018. UNION BAG & PAPER CORPORATION, New York, N. Y. Filed Oct. 5, 1936.

ViZ

The drawing is lined for red.
For Transparent Cellulose Bags and Other Paper Bags.
Claims use since Sept. 21, 1936.

CLASS 3

Baggage, Animal Equipments, Portfolios, and Pocketbooks

Ser. No. 383,648. R. & K. LEATHER GOODS CO., INC., New York, N. Y. Filed Sept. 25, 1936.

KAF KED

For Ladies' Handbags.
Claims use since June 15, 1936.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 381,477. JOSEPH DONNER, doing business as Thoroughbred Pharmacal Company, Chicago, Ill. Filed July 27, 1936.

Thoroughbred

For Shaving Cream.
Claims use since June 1, 1936.

Ser. No. 381,824. SPOJENÉ ZÁVODY PRO VÝROBU KARBORUNDA A ELEKTRITU AKCIOVÁ SPOLEČNOST (United Carborundum and Electrite Works Co.), Nove Benatky, Czechoslovakia. Filed Aug. 4, 1936.

ELEKTRIT

For Artificial Abrading, Lapping, and Polishing Grains and Powders, Abrading Wheels, Abrading Papers, Abrading Cloths, Abrading Stones, Polishing Stones, Silicon Carbide.
Claims use since 1900.

Ser. No. 382,920. LES PARFUMS CHYPRON SOCIETE ANONYME, Courbevoie/Seine, France. Filed Sept. 4, 1936.

CHAMPIC

For Shaving Soap, Toilet Soap, Glycerine Soap, Bath Soap, Cream Soap, Liquid Glycerine Soap, Silver Cleaning Soap, Shaving Stick.
Claims use since Feb. 19, 1936.

Ser. No. 383,329. STERLINO PRODUCTS COMPANY, Easton, Pa. Filed Sept. 16, 1936.

PET-ROLAX

For Paste Soap for Petroleum Solvent Systems.
Claims use since Aug. 29, 1936.

Ser. No. 383,330. STERLING PRODUCTS COMPANY, Easton, Pa. Filed Sept. 16, 1936.

Painticator

For Solvents for Removing Oil, Tar, Paint, and the Like.
Claims use since Aug. 29, 1936.

Ser. No. 383,331. STERLING PRODUCTS COMPANY, Easton, Pa. Filed Sept. 16, 1936.

FIL-TROLAX

For Fluid Dry Cleaning Soap.
Claims use since Aug. 29, 1936.

Ser. No. 383,602. STENTON LABORATORIES, INC., Philadelphia, Pa. Filed Sept. 24, 1936.

KAY-SAN

The conventional lining in the drawing represents the color green.
For Medicated Soap.
Claims use since Aug. 15, 1936.

Ser. No. 383,726. THE DIVERSEY CORPORATION, Chicago, Ill. Filed Sept. 28, 1936.

LUSTRAL

For Bottle Washing Compound, Generally Used in Solid Form.
Claims use since March, 1925.

Ser. No. 383,727. THE DAVERSEY CORPORATION, Chicago, Ill. Filed Sept. 28, 1936.

RELION

For Bottle Washing Compound, Generally Used in Solid Form.
Claims use since March, 1925.

CLASS 5

Adhesives

Ser. No. 383,478. GEORGE H. OSGOOD, Tacoma, Wash. Filed Sept. 21, 1936.

RESINWELD

For Glues and Glue Bases.
Claims use since July 1, 1936.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 369,753. THE UPJOHN COMPANY, Kalamazoo, Mich. Filed Sept. 26, 1935.

Super D

Applicant is the owner of Trade-Mark Registration No. 252,190.
For Concentrated Cod Liver Oil in Liquid Form and in Perles.
Claims use since July 30, 1932.

Ser. No. 371,817. JOHN GIVEN MACFARLANE, doing business as Nu Life Remedies Co., Victoria, British Columbia, Canada. Filed Nov. 21, 1935.

Nu LIFE

For Medicinal Preparations for Dogs, Such as Eczema Lotion, Mange Preparation, Worm Capsules, Tonic Powders, etc.
Claims use since June, 1932.

Ser. No. 372,628. LABORATORIOS SOLIRIS, S. A., Habana, Cuba. Filed Dec. 14, 1935.

SOLIRIS

For Specific for the Eyes.
Claims use since Nov. 1, 1935.

Ser. No. 378,452. RADIEX LABORATORIES, Baltimore, Md. Filed May 14, 1936.

RADIEX

For Medicinal Preparation for External and Internal Treatment of Various Ailments Such As Colds, Coughs, Hoarseness, and Throat Irritation, Rheumatism, Muscular Soreness, Athlete's Foot, Boils, and Chapped Hands and Lips.
Claims use since July 1, 1935.

Ser. No. 379,048. FREDERICK HOELZEL, Chicago, Ill., assignor to Falk-Baxter, Inc., Chicago, Ill. Filed May 29, 1936.

FIBROL

For Laxatives.
Claims use since April 1, 1935.

Ser. No. 382,177. DAVID ROSSLAW, doing business as Kings Chemical Products Company, Los Angeles, Calif. Filed Aug. 14, 1936.

KINCO

For Bronchial Inhalant, Cold Tablets, Nasal Spray, Liver Tablets and Bronchial Tonics.
Claims use since Jan. 2, 1936.

Ser. No. 382,255. DAVID WRÓBLEWSKI, doing business as D. Wroblewski & Co., Brooklyn, N. Y. Filed Aug. 15, 1936.

KALWARIA

For Preparation for Catarrh of the Stomach, Chronic Constipation, Indigestion, Acting on the Bowels as a Laxative Tonic, Aiding the Liver and Kidneys, Enriching the Blood, Increasing the Appetite, and Assisting in Building Up the System.
Claims use since June 1, 1914.

Ser. No. 382,490. PETER SALADINO, doing business as Saladino Chemical Laboratory, Indianapolis, Ind. Filed Aug. 22, 1936.

Saladino's 77

For Preparation for Cleaning, Disinfecting and Deodorizing Drain Pipes and Garbage Cans, for Bleaching Clothes, Which May Incidentally Be Used to Clean Toilet Bowls and to Wash Woodwork, Windows, and Linoleum.
Claims use since January, 1932.

Ser. No. 382,780. ADOLPH B. VON SYDOW, Los Angeles, Calif. Filed Aug. 31, 1936.



NATURAL FEET

"The Foot Bath Powder That Means Healthy Feet"

All wording except "Blis" is disclaimed apart from the mark as shown.
For Acids and Salts in Combined Powdered Form for Foot Bathing.
Claims use since June 1, 1932.

Ser. No. 382,921. LES PARFUMS CHYPRON SOCIETE ANONYME, Courbevoie/Seine, France. Filed Sept. 4, 1936.

CHAMPIC

For Eau de Cologne, Lavender Water, Hair Washes, Perfumes, Brilliantine, Depilatory, Shampoo Powder, Hair Oil, Mouth Wash, Tooth Paste, Vanishing Cream, Cold Cream, Bath Salts, Face Powders, Compact Powder Refills, Talcum Powder, Powder Papers Carrying Face Powders, Nail Crayon, Sachet Powder, Smelling Salts, After Shaving Lotion.
Claims use since Feb. 19, 1936.

Ser. No. 383,341. MERCK & CO. INC., Rahway, N. J. Filed Sept. 18, 1936.

HORMOSAN

For Chemical Compounds in the Form of Solutions, Pastes, and the Like, Used for Plant Growth Stimulation.
Claims use since Sept. 1, 1936.

Ser. No. 383,385. WM. L. BRISTOW LABORATORIES, San Francisco, Calif. Filed Sept. 18, 1936.

INSTO

For Pharmaceutical Oil for Use in the Treatment of Piles.
Claims use since Sept. 10, 1936.

Ser. No. 383,394. THE KNOX COMPANY, Los Angeles, Calif. Filed Sept. 18, 1936.



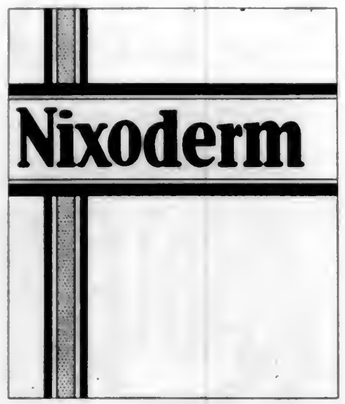
For Preparations Used in and for the Treatment of Disorders and Functional Irritations of the Stomach, Intestines, and Other Organs of the Digestive System.
Claims use since Feb. 2, 1933.

Ser. No. 383,395. THE KNOX COMPANY, Los Angeles, Calif. Filed Sept. 18, 1936.



For Preparations Used in and for the Treatment of Asthma, Hay Fever, and Related Pulmonary Conditions.
Claims use since Sept. 20, 1935.

Ser. No. 383,396. THE KNOX COMPANY, Los Angeles, Calif. Filed Sept. 18, 1936.



For Preparations Used in and for the Treatment of Ringworm, Fungus Conditions of the Skin and Feet, and Other Skin Affections.
Claims use since Apr. 1, 1930.

Ser. No. 383,431. FORSON LABORATORIES, INC., New York, N. Y. Filed Sept. 19, 1936.

NU-MYST

For Inhalant for Use in Relief of Respiratory Infections.
Claims use since Nov. 12, 1935.

Ser. No. 383,592. SID MARKHAM, doing business as Markham Laboratories, Miami, Fla. Filed Sept. 24, 1936.

ITANU

For Sun Tan Oil.
Claims use since December, 1933.

Ser. No. 383,719. JAMES CODISPOTI, doing business as Codi Laboratories Co., Pittsburgh, Pa. Filed Sept. 28, 1936.

CODI'S
REX STAR



For Chemical Preparation for a Bleaching, Germicide, Disinfectant, and Cleanser.
Claims use since July 13, 1936.

Ser. No. 384,384. SID MARKHAM, doing business as Markham Laboratories, Miami, Fla. Filed Oct. 15, 1936.

Cura-Sol

For Burn Ointment.
Claims use since December, 1933.

CLASS 9

Explosives, Firearms, Equipments, and Projectiles

Ser. No. 382,386. THE "5" SPOT SHORT RANGE GUN CLUBS OF AMERICA, INC., Toledo, Ohio. Filed Aug. 20, 1936.

"5"

SPOT

For Firearms and Ammunition.
Claims use since July 24, 1936.

CLASS 12

Construction Materials

Ser. No. 370,587. UNITED STATES GYPSUM COMPANY, Chicago, Ill. Filed Oct. 19, 1935.

SEL-VI-LAP

For Roll Roofing.
Claims use since August, 1935.

Ser. No. 380,122. THE PARR PAINT & COLOR CO., Cleveland, Ohio. Filed June 23, 1936.

ALUMILASTIC
THE ELASTIC METALLIC COMPOUND

The words "The Elastic Metallic Compound" are disclaimed.
For Viscid Compounds for Use in Glazing, Calking, and Pointing.
Claims use since Feb. 3, 1931.

Ser. No. 382,853. YARDLEY SCREEN AND WEATHER STRIP CORPORATION, Columbus, Ohio. Filed Sept. 2, 1936.

YARDLEY

For Weather Stripping and Made-Up Porch and Window Screens.
Claims use since 1879.

Ser. No. 383,006. THE CONCRETE EQUIPMENT COMPANY, Holland, Mich. Filed Sept. 8, 1936.

BRIKCRETE

For Building Brick Units.
Claims use since Sept. 5, 1935.

Ser. No. 383,566. ALVIN G. ANDERSON, Cincinnati, Ohio. Filed Sept. 24, 1936.

AGA

For Fiber Board.
Claims use since July 31, 1935.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 376,500. THE SHELTON TACK COMPANY, Shelton, Conn. Filed Mar. 27, 1936.



The word "Fullview" and the representation of the goods are disclaimed apart from the mark.
For Carpet and Other Tacks.
Claims use since Sept. 17, 1935.

Ser. No. 378,227. PHILLIPS TELESCOPIC TAPS LIMITED, London, England. Filed May 8, 1936.

PHILLESCOPE

For Telescopic Taps and Cocks for Containers.
Claims use since October, 1932.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 383,773. KLOECKNER STEEL CORPORATION, New York, N. Y. Filed Sept. 29, 1936.



For Steel Grinding Balls and Steel Rollers Used for Grinding Mills.
Claims use since November, 1933.

CLASS 15

Oils and Greases

Ser. No. 368,777. GLADEE OIL COMPANY, INCORPORATED, Detroit, Mich. Filed Aug. 28, 1935.



For Lubricating Oils and Greases and Gasoline.
Claims use since Aug. 1, 1934.

Ser. No. 381,079. THE MCALESTER FUEL COMPANY, McAlester, Okla. Filed July 16, 1936.



The drawing is lined for red. The word "Oil" is disclaimed apart from the mark.
For Lubricating Oils and Greases.
Claims use since June 29, 1935.

Ser. No. 381,151. CITIES SERVICE OIL COMPANY, Dover, Del., and Chicago, Ill. Filed July 18, 1936.



For Petroleum Products—Namely, Benzine, Gasoline, Kerosene, Mineral Oil Waxes, Lubricating Oils and Greases.
Claims use since May, 1934.

Ser. No. 383,372. SINCLAIR REFINING COMPANY, New York, N. Y. Filed Sept. 17, 1936.

TENOL

For Lubricating Oil.
Claims use since Aug. 15, 1936.

Ser. No. 383,453. SOCONY-VACUUM OIL COMPANY, INCORPORATED, New York, N. Y. Filed Sept. 19, 1936.

CYLREX

For Lubricating Oil.
Claims use since Dec. 15, 1933.

Ser. No. 383,732. GEORGIA-CAROLINA OIL COMPANY, Macon, Ga. Filed Sept. 28, 1936.

HYPODOL

For Lubricating Oils and Greases.
Claims use since Aug. 15, 1936.

CLASS 16

Paints and Painters' Materials

Ser. No. 381,294. VALENTINE & COMPANY, New York, N. Y. Filed July 21, 1936.



The colors blue, orange, gold, and white are claimed as features of the mark. No claim being made to the representation of the label per se.
For Paint and Varnish Remover.
Claims use since Mar. 7, 1936.

Ser. No. 381,297. VALENTINE & COMPANY, New York, N. Y. Filed July 21, 1936.



The colors blue, orange, gold, and white, are claimed as features of the mark. The word "Black" is disclaimed apart from the mark, and the representation of the label per se is disclaimed.
For Paint Enamel.
Claims use since Mar. 7, 1936.

Ser. No. 383,524. FRISCH & CO., INC., New York, N. Y. Filed Sept. 23, 1936.



For Ready Mixed Paint.
Claims use since Jan. 1, 1935.

CLASS 17

Tobacco Products

Ser. No. 382,559. KRAEMER'S STORES, INC., Toledo, Ohio. Filed Aug. 25, 1936.

Lord Kenyon

For Smoking Tobacco Primarily for Pipes.
Claims use since Mar. 1, 1936.

Ser. No. 383,902. JNO. H. SWISHER & SON, INC., Jacksonville, Fla. Filed Oct. 2, 1936.

S&S

For Cigars.
Claims use since Jan. 1, 1918.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 352,749. FRANK SULLIVAN, doing business as Marvel Lamp Manufacturing Company, Hoboken, N. J. Filed June 15, 1934.

MARVEL LAMP

The word "Lamp" apart from the mark shown is disclaimed.
For Electric Lamp Bulbs.
Claims use since Jan. 2, 1933.

Ser. No. 375,599. REPUBLIC ELECTRIC MANUFACTURING COMPANY, Davenport, Iowa. Filed Mar. 5, 1936.



For Radio Receiving Sets, Generators, and Storage Batteries.
Claims use since Sept. 1, 1935.

Ser. No. 377,786. FEDERAL STORAGE BATTERY CO., Chicago, Ill. Filed Apr. 29, 1936.



For Automobile Storage Batteries.
Claims use since Jan. 1, 1935.

Ser. No. 378,819. THE BELL SOUND SYSTEMS INC., Columbus, Ohio. Filed May 25, 1936.

BELfone

For Audio and Electric Amplifiers, Microphones, Loud Speakers, and Selector Switches.
Claims use since May 20, 1936.

Ser. No. 382,291. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Aug. 17, 1936.

Heatmaster

For Electric Hot Plates Designed Especially for Cooking.
Claims use since Mar. 15, 1931.

Ser. No. 383,853. RAYLITE TRADING CO., INC., New York, N. Y. Filed Oct. 1, 1936.

DETEXIT

For Decorative Electric Lighting Outfits for Christmas Trees and Lamps Therefor.
Claims use since May 25, 1936.

Ser. No. 383,854. RCA MANUFACTURING COMPANY, INC., Camden, N. J. Filed Oct. 1, 1936.

VOZ MAGICA

For Radio Receiving Sets, Television Receiving Sets, Kits for Radio Receiving Sets, Kits for Television Receiving Sets, Radio Receiving Apparatus Adapted for Combination with Electrically Operated Apparatus for the Reproduction of Sound from Records Thereof, Combined Radio Receiving Apparatus and Electrically Operated Apparatus for the Reproduction of Sound From Records Thereof, and Accessories and Parts Consisting of Antennae, Battery Eliminators, Binding Posts, Inductors, Grid Leaks, Jacks, Loud Speakers, Diaphragms for Loud Speakers, Panels, Potentiometers, Electric Discharge Tubes, Dials, Knobs, Volume Control Devices, Tone Control Devices, Resonance Indicators, Transformers, Switches, Fuses, Plugs, Electric Pickups, Filter Packs, Rheostats, Rectifying Units, Amplifying Units, Shields, Tube Sockets, Tuning Units and Wire and Cable for Radio Sets and Apparatus.
Claims use since Dec. 11, 1935.

Ser. No. 383,937. THE OKONITE COMPANY, Passaic, N. J. Filed Oct. 3, 1936.

PERFORMITE

For Insulated Wires and Cables.
Claims use since March, 1932.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 382,055. PRESTON HERBERT, JR., White Plains, N. Y. Filed Aug. 11, 1936.

Happy Landings

For Golf Balls.
Claims use since July 9, 1936.

Ser. No. 383,161. LAURENCE T. DARRIN, Philadelphia, Pa. Filed Sept. 12, 1936.



The drawing is lined for yellow and red.
For Card Game.
Claims use since July 24, 1936.

Ser. No. 384,021. WEALTH, UNLIMITED, Narberth, Pa. Filed Oct. 5, 1936.

WEALTH

For Board Game Played With Cards and Movable Pieces.
Claims use since Sept. 19, 1936.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 376,238. BENDIX PRODUCTS CORPORATION, South Bend, Ind. Filed Mar. 21, 1936.

BENDIX
nu-GRIP
SAFETY

The word "Safety" apart from the mark shown is disclaimed.
For Rubber Tire Slotting or Retreading Machinery.
Claims use since Feb. 15, 1936.

Ser. No. 376,786. WRAP-ADE MACHINE COMPANY, Newark, N. J. Filed Apr. 3, 1936.

WRAP-ADE

For Machinery for Handling Packaging Material and for Producing and Fabricating Packages and Wrappings, Particularly, Machines for Cutting Sheets of Packaging Material From Rolls of Such Material and Gluing the Same; Machines for Cutting Packaging Material Preparatory to Packaging Operations; Machines for Sealing Bags and Envelopes, Both Hand and Power Operated; Machines for Performing the Operations of Sealing, Labelling, and Punching Container Bags; Machines for Sealing and Trimming Bags and Packages.
Claims use since Apr. 10, 1934.

Ser. No. 377,831. BISSELL CARPET SWEEPER COMPANY, Grand Rapids, Mich. Filed Apr. 30, 1936.

DIRTMASTER

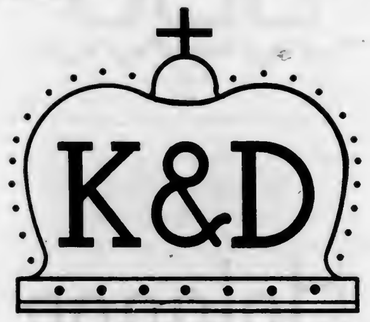
For Carpet Sweepers.
Claims use since April 14, 1936.

Ser. No. 378,439. KRAUT & DOHNAL, Chicago, Ill. Filed May 14, 1936.

TOPNOTCH

For Cutlery—Namely, Razors, Barber Shears, Barber Clippers, Household Scissors, Tailor Shears, Safety Razor Blades, Ink Knives, Pocket Knives, Butcher Knives, Base Metal Table Cutlery.
Claims use since May 1, 1917.

Ser. No. 378,729. KRAUT & DOHNAL, Chicago, Ill. Filed May 22, 1936.



For Cutlery—Namely, Razors, Barber Shears, Barber Clippers, Household Scissors, Tailor Shears, Safety Razor Blades, Ink Knives, Pocket Knives, Butcher Knives, Base Metal Table Cutlery.
Claims use since May 1, 1917.

Ser. No. 381,680. MAXIMAX INCORPORATED, Chicago, Ill. Filed July 31, 1936.

MAXIMAX

For Mechanical Razor Blade Sharpeners.
Claims use since Jan. 1, 1936.

Ser. No. 381,817. ROLLS-ROYCE LIMITED, Derby, England. Filed Aug. 4, 1936.



For Internal Combustion Engines and Parts Thereof and Variable Gearings Being Parts of Machines for Motor Vehicles and Aircraft.
Claims use since 1907.

Ser. No. 381,926. WILCOX-RICH CORPORATION, Detroit, Mich. Filed Aug. 7, 1936.

Valve-A-Matic

For Mechanical Parts for Use in Connection With the Valve Operated Mechanism of Internal Combustion Engines, Including Tappets, Rocker Arms, Valve Lifters, and Valve Mechanisms.
Claims use since May, 1934.

Ser. No. 381,999. OLIVER FARM EQUIPMENT COMPANY, Chicago, Ill. Filed Aug. 10, 1936. Under section 5b of the act of 1905 as amended in 1920.

OLIVER

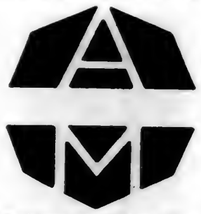
Applicant claims ownership of trade-mark registration No. 44,911 effected July 25, 1905 under the 10-year proviso clause of the Act of Feb. 20, 1905.
For Farm Tractors; General Purpose Tractors; Orchard Tractors; Road Tractors; Industrial Tractors; Stationary Engines; Threshers for All Types of Grains and Seeds; Combined Harvesters; Corn Pickers; Corn Huskers; Plows of All Types; Tractor Hitches; Harrows of All Types; Cultivators of All Types; Planters of All Types; Rotary Hoes; Weeders of All Types; Potato Cutters; Potato Sprayers; Potato Diggers; Grain, Seed, and Fertilizer Drills of All Types; Broadcast Seeders and Sowers; Broadcast Fertilizer and Lime Sowers; Manure Spreaders; Stalk Cutters; Mowers; Mower Attachments for Tractors; Rakes of All Types; Combine Rake and Tedders; Tedders; Hay Loaders; Potato Harvesters; Sprayers; Eveners; Windrowers; Pulverizers; Listers; Ridge Busters; Beet Lifters; Subsoilers and Parts Thereof.
Claims use since 1870.

Ser. No. 382,556. GEORGE GORTON MACHINE COMPANY, Racine, Wis. Filed Aug. 25, 1936.

GORTON
Super-Speed
MILL

The notation or abbreviation "Mill" apart from the mark shown is disclaimed.
For Vertical Milling Machines.
Claims use since May 12, 1936.

Ser. No. 382,998. ADDRESSOGRAPH-MULTIGRAPH CORPORATION, Cleveland and Euclid, Ohio. Filed Sept. 8, 1936.



For Printing Machines and Parts Thereof, Duplicating Machines and Parts Thereof, Address Printing Machines and Parts Thereof, Printing Plates for Use in Printing Machines, Duplicating Machines, and/or Address Printing Machines, Type Trays for Such Machines, Printing Plate Frames and Printing Plates, Before and/or After Embossing, for Use in Such Frames, and Machines for Embossing Such Printing Plates.

Claims use since August, 1934, on frames and plates therefor; since December, 1932, on remaining goods.

Ser. No. 383,552. TOLEDO SCALE COMPANY, Toledo, Ohio. Filed Sept. 23, 1936.

PLASKON

For Food Choppers.
Claims use since Aug. 21, 1936.

Ser. No. 383,817. WALTER C. REED, North Hollywood, Calif. Filed Sept. 30, 1936.

SerVac

For Vacuum Cleaners Operated by Compressed Air.
Claims use since Aug. 25, 1936.

CLASS 24

Laundry Appliances and Machines

Ser. No. 383,887. ROBERT B. LA PORTE, Peoria, Ill. Filed Oct. 2, 1936.

AIRATOR

For Laundry Washing Machines.
Claims use since Nov. 20, 1935.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 354,137. RASCHER & BETZOLD, Chicago, Ill., assignor to Rascher & Betzold, Inc., Chicago, Ill., a corporation of Illinois. Filed July 20, 1934.



For Thermometers, Hydrometers, and Laboratory Glassware.
Claims use since Feb. 25, 1932.

Ser. No. 378,367. LUXTROL COMPANY, INC., New York, N. Y. Filed May 12, 1936.



For Electrical Equipment—Namely, Colorimeters, Weight Checks for Small Quantity Weight Checking, Counters for Counting Articles Moving on Conveyors, and Smoke Indicators for Use in Boiler Systems to Warn of Excessive Stack Smoke.

Claims use since April, 1934.

Ser. No. 381,014. CARL ZEISS, Jena, Germany. Filed July 14, 1936.

Telemetar

For Photographic, Microphotographic, Projecting, and Microscope Objectives.
Claims use since Feb. 3, 1936.

Ser. No. 381,264. DEUTSCHE BENZINUHREN G. M. B. H., Berlin, Germany. Filed July 21, 1936.



For Measuring and Indicating Instruments—Namely, Mileage Indicators, Fuel, Oil, and Water Gauges, Fuel Pressure Gauges, Altimeters, and Compasses (Magnetic Needle).

Claims use since June, 1934.

Ser. No. 383,280. CARL ZEISS, Jena, Germany. Filed Sept. 15, 1936.

Hologon

For Photographic, Microphotographic, Projecting, and Microscope Objectives.
Claims use since March 20, 1936.

CLASS 27

Horological Instruments

Ser. No. 382,545. PONTIAC COMPANY, Newark, N. J. Filed Aug. 21, 1936.

PONTIAC

For Clocks, Watches, and Watch Cases.
Claims use since June 18, 1930.

Ser. No. 383,513. THE WATERBURY CLOCK COMPANY, Waterbury, Conn. Filed Sept. 22, 1936.

ZEPHYR

For Watches.
Claims use since March 4, 1935.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 378,865. TREASURE IMPORTS, INC., New York, N. Y. Filed May 25, 1936.

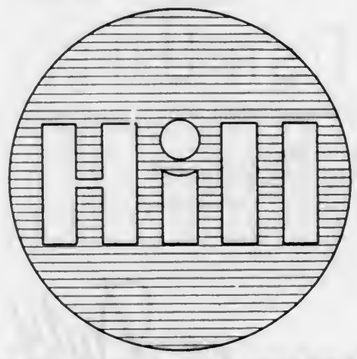
DEEP SEA TREASURE

For Pearls.
Claims use since May 7, 1936.

CLASS 31

Filters and Refrigerators

Ser. No. 382,056. C. V. HILL & COMPANY, INC., Trenton, N. J. Filed Aug. 11, 1936.



For Refrigerated Display Cases; Refrigerators, Including Walk-in Refrigerators, Reach-in Refrigerators, Wall Type Refrigerators, Florist Refrigerators, Cold Storage Doors.
Claims use since August, 1933.

CLASS 32

Furniture and Upholstery

Ser. No. 381,460. KIRSCH COMPANY, Sturgis, Mich. Filed July 25, 1936.

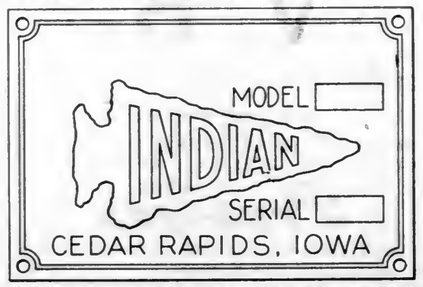
SUN AIRE

For Venetian Blinds.
Claims use since June 16, 1936.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 376,301. PIONEER MANUFACTURING COMPANY, Cedar Rapids, Iowa. Filed Mar. 23, 1936.



The representation of the name plate and all notations except "Indian" are disclaimed apart from the mark.
For Oil Burners.
Claims use since Aug. 8, 1935.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 359,603. UNITED STATES RUBBER COMPANY, New York, N. Y. Filed Dec. 22, 1934.

FLEETWAY

For Rubber Tires for Vehicles.
Claims use since Oct. 10, 1934.

Ser. No. 381,262. DEUTSCHE BENZINUHREN G. M. B. H., Berlin, Germany. Filed July 21, 1936.

Aviocorx

For Cork Packings for Joints.
Claims use since February, 1936.

CLASS 36

Musical Instruments and Supplies

Ser. No. 383,906. WINTER & CO., New York, N. Y. Filed Oct. 2, 1936.

CAMEO

For Pianos.
Claims use since Sept. 2, 1936.

CLASS 37

Paper and Stationery

Ser. No. 382,180. SANDERS MANUFACTURING COMPANY Nashville, Tenn. Filed Aug. 14, 1936.

MAGIC HOLETITE

No claim is made to the word "Holetite" apart from the mark shown.
For Wood Cased and Mechanical Pencils.
Claims use since Aug. 7, 1936.

Ser. No. 382,346. DENNISON MANUFACTURING COMPANY, Framingham, Mass. Filed Aug. 19, 1936.

"V. B."

For Crepe Paper.
Claims use since June 5, 1936.

Ser. No. 383,912. BECKER, SMITH & PAGE, INCORPORATED, Philadelphia, Pa. Filed Oct. 3, 1936.

Pres-Tex

For Wall Paper.
Claims use since June 1, 1932.

Ser. No. 384,035. GOLDSMITH BROS., New York, N. Y. Filed Oct. 6, 1936.

Flywate Onion Skin

No claim is made to the words "Onion Skin" apart from the mark as shown.
For Writing and Typewriting Paper.
Claims use since June 13, 1936.

Ser. No. 384,086. THE KROGER GROCERY & BAKING COMPANY, Cincinnati, Ohio. Filed Oct. 7, 1936.

SWANSOFT

For Cleansing Tissues.
Claims use since July 5, 1936.

CLASS 38

Prints and Publications

Ser. No. 374,922. GRACE ALLEN BURNS, doing business as Gracie Allen, New York, N. Y. Filed Feb. 17, 1936.

TOPICS OF THE DAZED

For Humorous Columns Appearing From Time to Time in Newspapers.
Claims use since Nov. 1, 1935.

Ser. No. 383,211. THE IRISH REVIEW, INC., New York, N. Y. Filed Sept. 14, 1936.

The Irish Review

For Periodical Published Monthly.
Claims use since Sept. 3, 1936.

Ser. No. 383,487. SCHENLEY RESEARCH INSTITUTE, INC., New York, N. Y. Filed Sept. 21, 1936.

THE Schenley SPIRIT

For Monthly Publication.
Claims use since June 3, 1935.

Ser. No. 383,527. REUBEN L. (RUBE) GOLDBERG, New York, N. Y. Filed Sept. 23, 1936.

LALA PALOOZA

For Cartoon and Comic Strips.
Claims use since June 22, 1936.

Ser. No. 383,624. INSTITUTIONAL PUBLICATIONS, INC., Chicago, Ill. Filed Sept. 25, 1936.

The Institutional OUTFITTER

For Periodical.
Claims use since September, 1935.

CLASS 39

Clothing

Ser. No. 377,638. LEIGHTON HAT CO. INC., New York, N. Y. Filed Apr. 25, 1936.

"TISH-U-FELT"

The trade-mark "Tish-U-Felt" is disclaimed except as shown.
For Ladies' Hats.
Claims use since October, 1935.

Ser. No. 380,158. ROSENBLATT & KAHN, New York, N. Y. Filed June 24, 1936.

Double Duty

For Coat and Snow Pants Ensemble Garment.
Claims use since May 1, 1936.

Ser. No. 380,988. A. FREEDMAN & SONS, INC., New Bedford, Mass. Filed July 14, 1936.

PEDIX

For Shoes Made of Leather, or Fabric, or Combinations of these Materials.
Claims use since Apr. 1, 1936.

Ser. No. 381,273. LEVIN & CO., New York, N. Y. Filed July 21, 1936.



The word "Gingham" is disclaimed apart from the mark as shown.
For Aprons, Hooverettes—Namely, Coat Style Dresses Open in the Front and Tied in the Back for Kitchen and Household Purposes, Housedresses, and Smocks.
Claims use since July 15, 1936.

Ser. No. 381,513. SOCIETY MAID HOSIERY MILLS, INC., Willow Grove, Pa. Filed July 24, 1936.

Society Maid

For Ladies' Hosiery and Underwear.
Claims use since May, 1917.

Ser. No. 382,288. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Aug. 17, 1936.

Desirables

For Hosiery, Women's and Children's Dresses, Leather and Fabric Gloves, Corsets, Bathing Suits, Shoes of Leather, Rubber, and Fabric and Combinations Thereof, Women's and Children's Underwear, Nightgowns, and Slips.
Claims use since Mar. 1, 1936.

Ser. No. 382,359. MURRAY M. ROSENBERG, INC., New York, N. Y. Filed Aug. 19, 1936.

ARCH-VOGUE

The word "Vogue" is disclaimed.
For Shoes, Slippers, and Boots of Leather, Fabric, and Combinations Thereof, Spats, and Shoe Findings—Namely, Heels, Inner and Outer Soles, Uppers, Tongues, and Toe Caps.
Claims use since Aug. 1, 1936.

Ser. No. 382,462. BENNETT-LANG CORPORATION, New York, N. Y. Filed Aug. 22, 1936.

North Cape

For Ladies' Muffler and Glove Ensembles, the Said Gloves Being Made of Leather and Fabric.
Claims use since July 19, 1936.

Ser. No. 382,513. JACOBS, GROSSMAN & ROSENBERG, INC., Philadelphia, Pa. Filed Aug. 24, 1936.

TONIETTA FROCKS

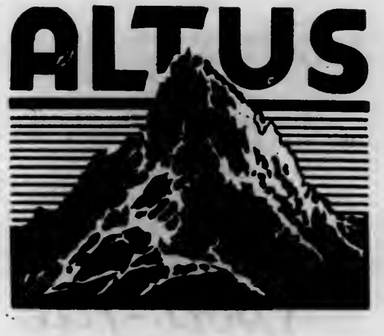
The word "Frocks" apart from the mark as shown is disclaimed.
For Frocks, Suits for Boys, and Dresses for Infants, Children, and Women.
Claims use since Aug. 1, 1936.

Ser. No. 382,537. TOBER-SAIFER SHOE COMPANY, St. Louis, Mo. Filed Aug. 24, 1936.



The word "Style" apart from the mark is disclaimed.
For Shoes of Leather, or a Combination of Leather, Rubber, or Fabric.
Claims use since Dec. 20, 1933.

Ser. No. 382,571. ROCKY MOUNTAIN GARMENT MANUFACTURING CO., Denver Colo. Filed Aug. 25, 1936.



For Service Apparel—Namely, Wash Uniforms, Cooks' and Waitresses' Uniforms, Mechanics' Suits and Coats, Hospital Uniforms, Grocers' Smocks, Butchers' Coats and Aprons, Service Aprons, Office and Store Coats, Sleeve Vests, Duck Trousers, Trousers, Net Top Caps, and Shirts.
Claims use since July 24, 1936.

Ser. No. 382,622. THE IRVING DREW COMPANY, Portsmouth, Ohio. Filed Aug. 27, 1936.



For Men's, Women's and Children's Boots, Shoes, and Slippers Made Wholly or in Part of Leather or Textile Material.
Claims use since July 7, 1934.

Ser. No. 382,633. THE GEORGE MCLACHLAN HAT COMPANY, Danbury, Conn. Filed Aug. 27, 1936.

CULTURED MADE HATS

Applicant disclaims the right to the exclusive use of the words "Made" and "Hats", except in connection with the mark as shown.
For Men's and Women's Felt Hats.
Claims use since Aug. 22, 1936.

Ser. No. 382,638. JOHN B. STETSON COMPANY, Philadelphia, Pa. Filed Aug. 27, 1936.

THE STETSON Sport-Lite

For Men's and Boys' Hats and Caps.
Claims use since Apr. 1, 1936.

Ser. No. 382,713. EVERLAST SILK HOSIERY MILLS INC., New Hyde Park, N. Y. Filed Aug. 29, 1936.



The words "Everlast", "Hosiery", and "Comfort in Every Step" except in the association shown are disclaimed.
For Ladies' Hosiery Made of Silk, Cotton, and Woolen Fabrics, and Combinations of These Materials.
Claims use since June 1, 1936.

Ser. No. 382,751. GRAFF & GRAFF, INC., New York, N. Y. Filed Aug. 31, 1936.



For Women's, Misses', and Children's Apparel—Namely, Coats, Suits, and Dresses.
Claims use since July 6, 1936.

Ser. No. 382,798. WM. KNOWLTON & SONS COMPANY, Upton, Mass. Filed Sept. 1, 1936.

Brewster New York

No claim is made to the word "New York" apart from the mark as shown.
For Hats for Men, Women, and Children.
Claims use since July 10, 1936.

Ser. No. 382,899. ZAKONIT, INC., Boston, Mass. Filed Sept. 3, 1936.

La Cuna

The drawing is lined for red.
For Knitted Clothing—Namely, Knitted Sweaters and Knitted Suits for Women.
Claims use since June 15, 1936.

Ser. No. 383,108. JOHN B. STETSON COMPANY, Philadelphia, Pa. Filed Sept. 10, 1936.

"STETSONIA"

For Women's Hats.
Claims use since Aug. 27, 1935.

Ser. No. 383,147. VASSAR COMPANY, Chicago, Ill. Filed Sept. 11, 1936.



The words "Comfort to the Wearer" apart from the mark shown are disclaimed.
For Swimming Trunks.
Claims use since Feb. 1, 1936.

Ser. No. 383,169. WM. T. KNOTT COMPANY, INC., New York, N. Y. Filed Sept. 12, 1936.

MERSILLA

For Children's and Infants' Wear—Namely, Dresses, Bonnets, Gowns, Kimonos, Underwear, Booties, Sacques, Sweaters, Hoods, Jackets, Bath Robes, Hosiery, Baby Buntings, and Gertrudes; Corsets; and Underwear for Men, Women, and Children.
Claims use since Mar. 27, 1936.

Ser. No. 383,218. T. J. MURPHY FUR CO., Lewiston, Maine. Filed Sept. 14, 1936.



The notations "Trade Mark", "Sealed Dyed Coney", and "Lewiston, Me.", are disclaimed apart from the mark as shown.
For Women's and Children's Garments Made Wholly or in Part of Fur—Namely, Coats.
Claims use since Jan. 1, 1900.

Ser. No. 383,262. A. FINKENBERG'S SONS, INC., New York, N. Y. Filed Sept. 15, 1936.

Boro-Craft

For Men's Suits, Top Coats, Rain Coats, and Overcoats.
Claims use since Aug. 28, 1936.

Ser. No. 383,263. A. FINKENBERG'S SONS, INC., New York, N. Y. Filed Sept. 15, 1936.

Leedham

For Men's Suits, Top Coats, Rain Coats, and Overcoats.
Claims use since Aug. 28, 1936.

Ser. No. 383,320. NATIONAL DEPARTMENT STORES MANAGEMENT & BUYING CORPORATION, New York, N. Y. Filed Sept. 16, 1936.

Fairhill

For Women's and Misses' Hats, Coats, Dresses, Suits, Jerkins, Sweaters, Bathing Suits, Beach Robes, Hosiery, Underwear of Knitted, Netted, and Textile Fabrics; Hats, Caps, Suits, Overcoats, Top Coats, Trousers, Jackets and Coats for Men and Boys; Wearing Apparel of Wool, Cotton, Silk, Rayon or Combinations Thereof for Men and Boys—Namely, Knitted Jackets, Sportcoats, Vests and Sweaters, Pullovers, Snow Suits, Stockings, Socks, Half Hose, Sport Hose, Golf Hose, and Anklets of Knitted, Netted or Textile Fabrics; Swim Suits, Bathing Suits, Bathing Shirts, Shorts and Trunks, Bath Robes, Beach Robes and Scarfs, Mufflers, Mittens; Shirts, Underwear; Leather and Fabric Gloves.
Claims use since Sept. 10, 1936.

Ser. No. 383,392. THE DANIEL HAYS COMPANY, INC., Gloversville, N. Y. Filed Sept. 18, 1936.

Whip hand

For Leather Gloves.
Claims use since Sept. 16, 1936.

Ser. No. 383,489. J. SCHOENEMAN, INC., Baltimore, Md. Filed Sept. 21, 1936.

Caliente

For Coats, Vests, Trousers, Knickerbockers, Top Coats, and Overcoats for Men, Youths, and Boys.
Claims use since Sept. 11, 1936.

Ser. No. 383,628. KENILWORTH MFG. CO., INC., New York, N. Y. Filed Sept. 25, 1936.

Winterfoe

For Snow Suits, Ski Pants, Pants, and Jackets.
Claims use since Sept. 2, 1936.

Ser. No. 383,680. GOODYEAR FOOTWEAR CORPORATION, Providence, R. I. Filed Sept. 26, 1936.

BROCKMOR

For Leather Shoes.
Claims use since July 31, 1936.

Ser. No. 383,787. SISSELMAN BROS., INC., New York, N. Y. Filed Sept. 29, 1936.

Karamingo

For Ladies' and Misses' Coats and Suits.
Claims use since Aug. 1, 1935.

Ser. No. 383,800. THE CHAS. C. BASSINE CO., INC., New York, N. Y. Filed Sept. 30, 1936.

Beau-Fair

For Men's Dress, Work and Under Shirts.
Claims use since May 15, 1936.

Ser. No. 383,805. THE FLORSHEIM SHOE COMPANY, Chicago, Ill. Filed Sept. 30, 1936.

Flormaid

For Shoes Made of Leather and/or Cloth.
Claims use since Aug. 22, 1936.

Ser. No. 383,883. HART, SCHAFFNER & MARX, Chicago, Ill. Filed Oct. 2, 1936.

Silkool

For Men's and Boys' Suits, Coats, Overcoats, Topcoats, Vests, Trousers, Knickerbockers, and Breeches.
Claims use since Sept. 22, 1936.

Ser. No. 383,918. DUTCHESS UNDERWEAR CORPORATION, New York, N. Y. Filed Oct. 3, 1936.

NUDEFORM

For Ladies' Rayon Underwear, Pajamas, Nightgowns, and Dresses.
Claims use since Aug. 1, 1936.

Ser. No. 383,919. DUTCHESS UNDERWEAR CORPORATION, New York, N. Y. Filed Oct. 3, 1936.

SLENDERMAID

For Ladies' Rayon Underwear, Pajamas, Nightgowns, and Dresses.
Claims use since Aug. 1, 1936.

Ser. No. 383,920. DUTCHESS UNDERWEAR CORPORATION, New York, N. Y. Filed Oct. 3, 1936.

TRIQUOTEX

For Ladies' Rayon Underwear, Pajamas, Nightgowns, and Dresses.
Claims use since March, 1934.

Ser. No. 383,926. GLENDALE FROCKS, INC., New York, N. Y. Filed Oct. 3, 1936.

SUN-SURF MODES

The word "Modes" apart from the mark is disclaimed.
For Ladies' Dresses.
Claims use since Sept. 30, 1936.

Ser. No. 383,953. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Oct. 3, 1936.

Fashion Towers

For Hosiery.
Claims use since Mar. 15, 1931.

Ser. No. 383,995. MARSHALL FIELD & COMPANY, Chicago, Ill. Filed Oct. 5, 1936.

DEBBIES

For Women's and Misses' Hosiery.
Claims use since Jan. 23, 1936.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 366,137. SIDNEY BLUMENTHAL & CO. INC., New York, N. Y. Filed June 13, 1935.

Vel-Faile

The word "Faile" apart from the mark shown is disclaimed.
For Pile Fabrics in the Piece.
Claims use since May 18, 1935.

Ser. No. 367,800. NORTH STAR WOOLEN MILL COMPANY, Minneapolis, Minn. Filed July 29, 1935.

NOCTURNE

For Blankets of Wool and of Wool and Cotton.
Claims use since Mar. 1, 1930.

Ser. No. 373,696. LORRAINE MANUFACTURING COMPANY, Pawtucket, R. I., and New York, N. Y. Filed Jan. 15, 1936. Under section 5b of the act of 1905 as amended in 1920.

GENUINE LORRAINE MADRACORD

For Textile Fabrics in the Piece, of Cotton, Rayon, Silk, Wool, and/or Combinations Thereof.
Claims use since Aug. 27, 1935.

Ser. No. 381,355. ELM MILLS CORPORATION, Tilton, N. H. Filed July 23, 1936.



For Woolen Piece Goods.
Claims use since June 1, 1936.

Ser. No. 382,192. WINNE & SUTCH COMPANY, Los Angeles, Calif. Filed Aug. 14, 1936.



The words "Desert Cloth", "Genuine", "Color", and "Yards" are disclaimed apart from the mark.
For Desert Cloth in the Piece Made from Cotton or Cotton and Rayon Osnaburg.
Claims use since Mar. 1, 1936.

Ser. No. 383,233. SIEGEL BROS. KIKI MAID KOATS INC., New York, N. Y. Filed Sept. 14, 1936.

TAWNA MIST

For Piece Goods Made of Wool, Cotton, Rayon, Silk, Artificial Silk, Artificial Fibers, and Combinations of the Same.
Claims use since July 1, 1936.

Ser. No. 383,384. BOTANY WORSTED MILLS, Passaic, N. J. Filed Sept. 18, 1936.



For Woolen Piece Goods.
Claims use since Nov. 15, 1935.

Ser. No. 383,509. MALLINSON FABRICS CORPORATION, New York, N. Y. Filed Sept. 22, 1936.

Pomp and Circumstance

For Silk and Synthetic Fabrics in the Piece.
Claims use since Aug. 15, 1936.

Ser. No. 383,520. FORSTMANN WOOLEN CO., Passaic, N. J. Filed Sept. 23, 1936.

Porella

For Woolen Piece Goods.
Claims use since Sept. 1, 1936.

Ser. No. 383,522. FORSTMANN WOOLEN CO., Passaic, N. J. Filed Sept. 23, 1936.

Porosa

For Woolen Piece Goods.
Claims use since Sept. 1, 1936.

Ser. No. 383,687. WILLIAM H. PRENDERGAST COMPANY, New York, N. Y. Filed Sept. 26, 1936.

NORTH CAPE

For Woolen Piece Goods.
Claims use since Sept. 1, 1936.

Ser. No. 383,823. SACHS BROTHERS, New York, N. Y. Filed Sept. 30, 1936.

SPRING BLOSSOM

For Sheets and Pillow Cases.
Claims use since May 22, 1933.

CLASS 43

Thread and Yarn

Ser. No. 374,855. SCHACHENMAYR, MANN & Co., Salach, Germany. Filed Feb. 14, 1936.



The word "Wolle" is disclaimed apart from the mark as shown.
For Yarns.
Claims use since February, 1926.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 382,282. SODY AND MEYER J. SALABES, doing business as Salabes Laboratories, Baltimore, Md. Filed Aug. 17, 1936.

LUNORIUM

For Alloys for Artificial Dentures, Artificial Dentures, Dental Bridges, Dental Polishing Wheels, Dental Grinding Wheels, Dental Burrs, Dental Points, Dental Laboratory Polishing Material, Dental Abrasive Materials, Dental Investment Materials, Dental Impression Materials, Dental Artificial Stone, Dental Varnishes, Dental Plasters, Dental Fluxes, Dental Casting Machines, Dental Sand Blast Machines and Dental Furnaces.
Claims use since March, 1935.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 381,129. CHARLES MEISEZAHL MFG. CO., New York, N. Y. Filed July 17, 1936.

"SOFTIES"

For Non-Alcoholic, Maltless Beverages Sold as Soft Drinks, and Syrups and Extracts Used in Making the Same.
Claims use since April, 1936.

Ser. No. 382,437. MIL-HONE PRODUCTS CO., New York, N. Y. Filed Aug. 21, 1936.

HEADLINER

For Fruit Juices and Flavoring Extracts for Alcoholic Liquors.
Claims use since April, 1936.

Ser. No. 382,438. MIL-HONE PRODUCTS CO., New York, N. Y. Filed Aug. 21, 1936.

SENSATION

For Fruit Juices and Flavoring Extracts for Alcoholic Liquors.
Claims use since April, 1936.

Ser. No. 382,440. MIL-HONE PRODUCTS CO., New York, N. Y. Filed Aug. 21, 1936.

VESTRY

For Fruit Juices and Flavoring Extracts for Alcoholic Liquors.
Claims use since April, 1936.

Ser. No. 382,718. HEWLETT BROS. COMPANY, Salt Lake City, Utah. Filed Aug. 29, 1936.



All notations except "Hewlett's Supreme", "Yum", and "Hewlett Bros. Co." are disclaimed apart from the mark.
For Concentrated Beverages, Nonalcoholic, in Syrup Form.
Claims use since Jan. 1, 1917.

Ser. No. 383,114. WELLSTON BOTTLING WORKS, INC., St. Louis, Mo. Filed Sept. 10, 1936.

TOWN CRIER

For Beverages of the Non-Alcoholic, Maltless Variety—Namely, Soda Waters of All Flavors, Ginger Ales, Seltzer Waters, Lithia Waters, and Concoctions of Syrup and Water.
Claims use since Mar. 31, 1930.

Ser. No. 383,767. BRONX MINERAL WATER CO., INC., New York, N. Y. Filed Sept. 29, 1936.

R & C

For Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks, and for Syrups, Extracts, and Flavors Used in Making the Same.
Claims use since Dec. 15, 1925.

Ser. No. 383,770. JACOB GOLDHABER, Johnstown, Pa. Filed Sept. 29, 1936.

BRACE-UP

For Lithiated Lemon Beverage Sold as a Soft Drink, and Syrup and Extract for Making the Same.
Claims use since May 4, 1936.

Ser. No. 383,775. MARTIN FORD MACALPINE, Mount Clemens, Mich. Filed Sept. 29, 1936.

PAY

For Non-Alcoholic, Non-Cereal Maltless Beverages, Sold as Soft Drinks and Sirups and Extracts for Making the Same.
Claims use since Apr. 1, 1936.

Ser. No. 383,812. JOHN LOUIS, Mount Vernon, Ill. Filed Sept. 30, 1936.

NU ZIP

For Non-Alcoholic, Maltless Beverages.
Claims use since July 15, 1936.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 355,576. MINNESOTA VALLEY CANNING COMPANY, Le Sueur, Minn. Filed Aug. 30, 1934.

Valley Pride

For Canned Vegetables—Namely, Canned Peas and Canned Corn.
Claims use since Feb. 5, 1907.

Ser. No. 377,308. HONEY PACKERS, INC., New York, N. Y. Filed Apr. 17, 1936.



No claim is made to the word "Honey" per se, except in the special form of lettering shown.
For Honey.
Claims use since Sept. 30, 1935.

Ser. No. 378,370. HERBERT E. MEILSTRUP, doing business as Do-Knots, Los Angeles, Calif. Filed May 12, 1936.



The representation of the goods apart from the mark as shown is disclaimed.
For Doughnuts.
Claims use since Mar. 1, 1936.

Ser. No. 378,423. BOYD TEA COMPANY, doing business as Boyd T Company, Portland, Oreg. Filed May 14, 1936.



For Coffee, Tea, Spices, Food Flavoring Extracts, Baking Powder, Chocolate, Mustard.
Claims use since 1910.

Ser. No. 380,277. SEVRIN A. HARAM, doing business as S. A. Haram, New York, N. Y. Filed June 26, 1936.



The representation of the fish is claimed only in connection with the other features of the mark.
For Bread, Canned Anchovies, Canned Shrimps, and Canned Herring.
Claims use since Sept. 10, 1935.

Ser. No. 380,448. FABRIQUE DE PATES DE FOIES GRAS EDOUARD ARTZNER, Strasbourg, France. Filed June 30, 1936.



No claim is made to the printed matter "Bloc", "de Foies Gras aux Truffes", "Strasbourg" apart from the mark as shown.
For Pate de Foies Gras.
Claims use since April, 1934.

Ser. No. 380,882. POCAHONTAS GROCER COMPANY, doing business as Pocahontas Grocery Company, Pocahontas, Ark. Filed July 10, 1936.

OZARK BEAUTY



For Table Syrup, Mincemeat, and Canned Pork and Beans.
Claims use since May 21, 1921.

Ser. No. 381,078. THE LESTER STIRLING CO., Salinas, Calif. Filed July 16, 1936.



The representation of a label is disclaimed apart from the mark.
For Fresh Vegetables.
Claims use since Apr. 21, 1936.

Ser. No. 381,556. CEREAL CONFECTION PRODUCTS COMPANY, Washington Court House, Ohio. Filed July 29, 1936.

Whee ~ Chee Nuts

THE SNACK WITH A SMACK

For Cheese Flavored Expanded Cereals.
Claims use since July 1, 1936.

Ser. No. 381,859. PACIFIC NORTHWEST FRUITS, INC., Yakima, Wash. Filed Aug. 5, 1936.



The word "Apple" is disclaimed apart from the mark shown.
For Fresh Apples and Pears.
Claims use since July 3, 1936.

Ser. No. 382,252. THE WEIDEMAN COMPANY, Cleveland, Ohio. Filed Aug. 15, 1936.

Daisy Hill

For Olives, Fruit Preserves, Jellies, Honey, Orange Marmalade, Peanut Butter, Apple Butter, Pickles, Tomato Catsup, Chili Sauce, Mayonnaise, Salad Dressing, and Sandwich Spread.
Claims use since April, 1933.

Ser. No. 382,760. MERIDIAN GRAIN & ELEVATOR CO., Meridian, Miss. Filed Aug. 31, 1936.



The word "Matchless" apart from the mark shown is disclaimed.
For Corn Meal.
Claims use since Aug. 28, 1935.

Ser. No. 382,852. JACQUES WOLF & COMPANY, Passaic, N. J. Filed Sept. 2, 1936.

PROTOZYME

For Enzymic Preparation Produced Upon and Within a Cereal Base for the Decomposition and Conversion of Starches and/or Proteins, and a Product Containing Such Preparation, Such Preparation and Product Being Each for Admixture Especially with Dog and Other Animal and Poultry Food Materials.
Claims use since Feb. 1, 1922.

Ser. No. 382,927. PARKER GROCERY COMPANY, Owensboro, Ky. Filed Sept. 4, 1936.



For Wheat Flour and Self-Rising Flour.
Claims use since September, 1931.

Ser. No. 382,971. F. G. VOGT & SONS, INC., Philadelphia, Pa. Filed Sept. 5, 1936.

SA-VO

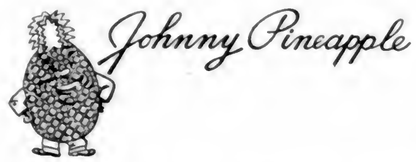
For Shortening of Blended Animal Fats.
Claims use since Feb. 27, 1936.

Ser. No. 383,105. SIOUX FALLS CEREAL COMPANY, Sioux Falls, S. Dak. Filed Sept. 10, 1936.

NURSES' BEST

The word "Best" is disclaimed apart from the mark as shown.
For Breakfast Cereal.
Claims use since Aug. 15, 1936.

Ser. No. 383,340. HAWAIIAN PINEAPPLE COMPANY, LTD., Honolulu, Hawaii. Filed Sept. 18, 1936.



The word "Pineapple" apart from the mark as shown is disclaimed.

For Canned Fruits, Canned Fruit Juices for Food Purposes.

Claims use since Aug. 29, 1935.

Ser. No. 383,711. ALLIED MILLS, INC., Chicago, Ill. Filed Sept. 28, 1936.



For Dog Food.

Claims use since Sept. 8, 1936.

Ser. No. 383,881. GENERAL DESSERTS CORPORATION, New York, N. Y. Filed Oct. 2, 1936.

EN-NE-JE

For Maltless Chocolate Powder Used as a Dessert.

Claims use since June 12, 1936.

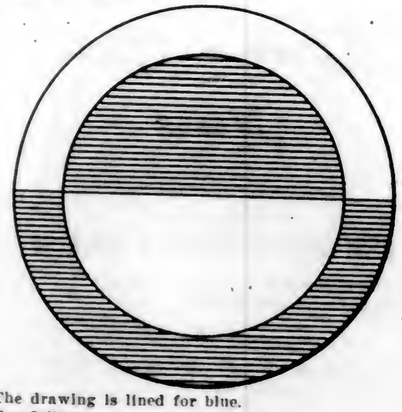
Ser. No. 383,985. COLLIN COUNTY MILL & ELEVATOR CO., McKinney, Tex. Filed Oct. 5, 1936.

HEARTH-BRED

For Wheat Flour.

Claims use since Mar. 1, 1936.

Ser. No. 384,044. DUFFY MOTT CO., INC., New York, N. Y. Filed Oct. 6, 1936.



The drawing is lined for blue.

For Jellies.

Claims use since Mar. 15, 1936.

CLASS 47

Wines

Ser. No. 342,489. JOHANNES A. PETERSEN & Co., Hamburg, Germany. Filed Oct. 14, 1933.



For Wines.

Claims use since Mar. 1, 1910.

Ser. No. 346,924. JOHANNES A. PETERSEN & Co., Hamburg, Germany. Filed Feb. 3, 1934.

EL GIBBOR

For Wines.

Claims use since Feb. 4, 1910.

Ser. No. 346,925. JOHANNES A. PETERSEN & Co., Hamburg, Germany. Filed Feb. 3, 1934.

Dominante

For Wines.

Claims use since July 12, 1906.

CLASS 48

Malt Beverages and Liquors

Ser. No. 383,057. FREE STATE BREWERY CORPORATION, Baltimore, Md. Filed Sept. 9, 1936.

Hackney

For Ale.

Claims use since Oct. 1, 1935.

Ser. No. 383,458. ANHEUSER-BUSCH, INCORPORATED, St. Louis, Mo. Filed Sept. 21, 1936.



The drawing is lined for red and gold.

For Lager Beer.

Claims use since Aug. 17, 1936.

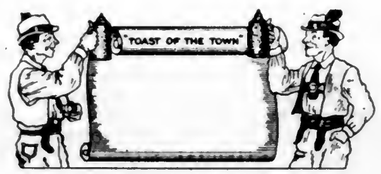
Ser. No. 383,518. CENTRAL BREWERIES, INC., East St. Louis, Ill. Filed Sept. 23, 1936.

Royal Six

For Beer.

Claims use since Sept. 16, 1935.

Ser. No. 383,657. TIVOLI BREWING COMPANY, Detroit, Mich. Filed Sept. 25, 1936.



For Beer.

Claims use since Sept. 15, 1936.

Ser. No. 383,712. ARIZONA BREWING COMPANY, Phoenix, Ariz. Filed Sept. 28, 1936.

DUTCH TREAT

For Beer.

Claims use since Sept. 14, 1936.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 383,474. MINNEAPOLIS BREWING COMPANY, Minneapolis, Minn. Filed Sept. 21, 1936.

ZIPPER

For Bottle Caps and the Like.

Claims use since Aug. 8, 1936.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

NOVEMBER 24, 1936

340,771. WOMEN'S NEGLIGEES, CHEMISES, SLIPS, PANTIES, BRASSIÈRES, BLOOMERS, NIGHTGOWNS, AND PAJAMAS OF COTTON, LINEN, SILK, AND ARTIFICIAL SILK, AND ALL MIXTURES OR COMBINATIONS OF SAID MATERIALS. ADDISON UNDERWEAR CO., INC., New York, N. Y.

Filed June 30, 1936. Serial No. 380,433. PUBLISHED SEPTEMBER 1, 1936. Class 39.

340,772. BEER AND ALE. AKRON BREWING COMPANY, Akron, Ohio.

Filed July 2, 1936. Serial No. 380,492. PUBLISHED SEPTEMBER 8, 1936. Class 48.

340,773. LEATHER. AMALGAMATED LEATHER COMPANIES, INC., Wilmington, Del.

Filed July 3, 1936. Serial No. 380,539. PUBLISHED SEPTEMBER 15, 1936. Class 1.

340,774. BEER AND ALE. AMERICAN BREWING COMPANY, New Orleans, La.

Filed July 8, 1936. Serial No. 380,737. PUBLISHED SEPTEMBER 8, 1936. Class 48.

340,775. DOLLS. AMERICAN CHARACTER DOLL CO., INC., New York, N. Y.

Filed August 3, 1936. Serial No. 381,713. PUBLISHED SEPTEMBER 15, 1936. Class 22.

340,776. MACHINES FOR PROCESSING, BY COMMINUTING OR FRAGMENTIZING, VARIOUS ARTICLES, SUCH AS MEATS, VEGETABLES, FRUITS, NUTS, BREAD, CRACKERS, CEREALS, ETC. THE AMERICAN LAUNDRY MACHINERY COMPANY, Cincinnati, Ohio.

Filed April 1, 1936. Serial No. 376,655. PUBLISHED SEPTEMBER 15, 1936. Class 23.

340,777. LAMINATED PHENOLIC SHIELDS, RODS, AND TUBES, AND MOLDED BAKELITE SOCKETS AND PLUGS SUCH AS ARE USED IN RADIO DEVICES. AMERICAN PHENOLIC CORPORATION, Chicago, Ill.

Filed January 22, 1936. Serial No. 373,942. PUBLISHED SEPTEMBER 15, 1936. Class 21.

340,778. CAMERAS. AMERICAN PHOTOGRAPH CORPORATION, New York, N. Y.

Filed July 13, 1935. Serial No. 367,227. PUBLISHED SEPTEMBER 15, 1936. Class 26.

340,779. OIL PREPARATION FOR PRESERVING, TREATING, AND LUBRICATING BELTS. WALTER W. AMES, South Orange, N. J.

Filed July 10, 1936. Serial No. 380,857. PUBLISHED SEPTEMBER 15, 1936. Class 4.

340,780. BITTERS FOR FOOD FLAVORING PURPOSES. ANGOSTURA BITTERS (DR. J. G. B. SIEGERT & SONS) LIMITED, Port of Spain, Trinidad, British West Indies.

Filed October 31, 1935. Serial No. 371,010. PUBLISHED AUGUST 25, 1936. Class 46.

340,781. RIESLING. K. ARAKELIAN, INC., Madera, Calif., and New York, N. Y.

Filed May 7, 1936. Serial No. 378,122. PUBLISHED SEPTEMBER 15, 1936. Class 47.

340,782. WOMEN'S CORSETS, BRASSIÈRES, UNDERDRAWERS, SLIPS, FOUNDATION GARMENTS, BLOOMERS, NIGHTGOWNS, AND MEN'S AND WOMEN'S UNDERWEAR, HATS, AND PAJAMAS. ARKWRIGHT MERCHANDISING CORPORATION, New York, N. Y.

Filed June 4, 1936. Serial No. 379,285. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,783. CORSETS AND BRASSIÈRES. ARTISTIC FOUNDATIONS, INC., New York, N. Y.

Filed May 27, 1936. Serial No. 378,920. PUBLISHED AUGUST 11, 1936. Class 39.

340,784. GUMMED PAPER. ATLANTIC GUMMED PAPER CORPORATION, Brooklyn, N. Y.

Filed March 20, 1936. Serial No. 376,187. PUBLISHED SEPTEMBER 15, 1936. Class 37.

340,785. MEN'S AND BOYS' SUITS. BAKER CLOTHES INCORPORATED, Philadelphia, Pa.

Filed July 7, 1936. Serial No. 380,815. PUBLISHED SEPTEMBER 15, 1936. Class 39.

340,786. BEDSPREADS. BATES MANUFACTURING COMPANY, Lewiston and Augusta, Maine.

Filed July 29, 1936. Serial No. 381,550. PUBLISHED SEPTEMBER 15, 1936. Class 42.

340,787. FUR COATS. BEIN BROS., New York, N. Y.

Filed April 24, 1936. Serial No. 377,656. PUBLISHED SEPTEMBER 15, 1936. Class 39.

340,788. FABRIC BAGS AND SACKS FOR CONTAINING PULVERIZED, GRANULAR, OR LUMP MATERIAL AND THE LIKE. BEMIS BRO. BAG CO., St. Louis, Mo.

Filed August 3, 1936. Serial No. 381,751. PUBLISHED SEPTEMBER 15, 1936. Class 2.

340,789. COMBINATION FABRIC AND PAPER BAGS FOR CONTAINING PULVERIZED, GRANULAR, OR LUMP MATERIAL AND THE LIKE. BEMIS BRO. BAG CO., St. Louis, Mo.

Filed Aug. 3, 1936. Serial No. 381,752. PUBLISHED SEPTEMBER 15, 1936. Class 2.

340,790. SOAP AND SHAVING CREAM. THE BENJAMIN ANSEHL COMPANY, doing business as The Mediskin Company, St. Louis, Mo.

Filed July 25, 1936. Serial No. 381,442. PUBLISHED SEPTEMBER 15, 1936. Class 4.

340,791. LADIES' HATS. ISRAEL BERNSON, New York, N. Y.

Filed March 20, 1936. Serial No. 376,189. PUBLISHED AUGUST 11, 1936. Class 39.

340,792. SAUTERNE WINES. BERRY BROS. & CO., London, England.

Filed July 8, 1936. Serial No. 380,750. PUBLISHED SEPTEMBER 15, 1936. Class 47.

340,793. CANNED VEGETABLES. BRIDGEWATER PLOW CORPORATION, doing business as Bridgewater Canning Company, Bridgewater, Va.

Filed July 14, 1936. Serial No. 380,985. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,794. CANDY. BROCK CANDY COMPANY, Chattanooga, Tenn.

Filed March 11, 1936. Serial No. 375,841. PUBLISHED MAY 12, 1936. Class 46.

340,795. PAPER OF THE KIND USED IN SANDPAPER, IN COATED PAPER PRODUCTS, AS WRAPPING PAPER, AND AS BAG PAPER. BROWN COMPANY, Portland, Maine, and Berlin, N. H.

Filed July 23, 1935. Serial No. 367,558. PUBLISHED SEPTEMBER 15, 1936. Class 37.

340,796. PAPER OF THE KIND USED AS BAG PAPER AND AS BOND AND LEDGER PAPER. BROWN COMPANY, Portland, Maine, and Berlin, N. H.

Filed August 1, 1935. Serial No. 367,888. PUBLISHED SEPTEMBER 15, 1936. Class 37.

340,797. MEASURING AND CONTROL INSTRUMENTS AND APPARATUS FOR AUTOMATICALLY CONTROLLING AN OPERATION RESPONSIVELY TO THE FLUCTUATIONS OF A VARIABLE CONDITION. THE BROWN INSTRUMENT COMPANY, Philadelphia, Pa.

Filed December 27, 1935. Serial No. 373,097. PUBLISHED FEBRUARY 18, 1936. Class 26.

340,798. CANDY. BUNTE BROTHERS, Chicago, Ill.

Filed July 6, 1936. Serial No. 380,619. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,799. LEATHER GLOVES. BUSCARLET GLOVE COMPANY INC., New York, N. Y.

Filed June 18, 1936. Serial No. 379,873. PUBLISHED AUGUST 18, 1936. Class 39.

340,800. LEATHER SHOES. CANNON SHOE COMPANY, Baltimore, Md.

Filed June 3, 1936. Serial No. 379,170. PUBLISHED AUGUST 11, 1936. Class 39.

340,801. LEATHER SHOES. CANNON SHOE COMPANY, Baltimore, Md.

Filed June 12, 1936. Serial No. 379,602. PUBLISHED AUGUST 11, 1936. Class 39.

340,802. LEATHER SHOES. CANNON SHOE COMPANY, Baltimore, Md.

Filed June 12, 1936. Serial No. 379,603. PUBLISHED AUGUST 11, 1936. Class 39.

340,803. SHOES MADE OF LEATHER, RUBBER OR FABRIC OR COMBINATIONS OF THESE MATERIALS, FOR MEN, WOMEN, AND CHILDREN. CARSON PIRIE SCOTT & COMPANY, Chicago, Ill.

Filed June 18, 1936. Serial No. 379,876. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,804. ENVELOPES, ENVELOPE WINDOWS, PAPERY MATERIAL FOR WRITING, DRAWING, PRINTING, AND DECORATIVE PURPOSES, STENCILS, AND GUMMED TAPE. CELLULOID CORPORATION, Newark, N. J.

Filed July 7, 1936. Serial No. 380,694. PUBLISHED SEPTEMBER 15, 1936. Class 37.

340,805. LABORATORY CEMENT. CENTRAL SCIENTIFIC COMPANY, Chicago, Ill.

Filed April 13, 1936. Serial No. 377,139. PUBLISHED SEPTEMBER 15, 1936. Class 5.

340,806. FINE MINERAL POWDERS ADAPTED TO BE SO COMPACTED BY PRESSURE THAT THE PARTICLES INTERLOCK. CHAMPION SPARK PLUG COMPANY, Toledo, Ohio.

Filed May 26, 1936. Serial No. 378,877. PUBLISHED SEPTEMBER 15, 1936. Class 1.

340,807. WOOLEN PIECE GOODS ESPECIALLY ADAPTED FOR JUNIOR, MISSES', AND CHILDREN'S COATS. L. C. CHASE & CO., INC., New York, N. Y.

Filed July 25, 1936. Serial No. 381,446. PUBLISHED SEPTEMBER 8, 1936. Class 42.

340,808. GIRDLES, FOUNDATION GARMENTS, AND BRASSIÈRES. CHEVETTE, INC., New York, N. Y.

Filed June 17, 1936. Serial No. 379,827. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,809. COLLARS, CUFFS, SHIRTS, HANDKERCHIEFS, UNDERWEAR FOR MEN, AND NECKTIES. CLUETT, PEABODY & CO., INC., Troy, N. Y.

Filed September 19, 1935. Serial No. 369,478. PUBLISHED SEPTEMBER 15, 1936. Class 39.

340,810. LADIES', MISSES', AND CHILDREN'S UNDERWEAR—NAMELY, BLOOMERS, PANTIES, BRASSIÈRES, VESTS, UNDERSHIRTS, SLIPS, AND PETTICOATS, AND/OR ANY COMBINATIONS OF THE FOREGOING. CONTINENTAL UNDERGARMENT CO., Brooklyn, N. Y.

Filed June 12, 1936. Serial No. 379,604. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,811. PANTS AND SNOW SUITS. THE CORNBLUM PANTS MANUFACTURING COMPANY, Cleveland, Ohio.

Filed January 25, 1935. Serial No. 360,666. PUBLISHED SEPTEMBER 15, 1936. Class 39.

340,812. FRESH CITRUS FRUIT. CORONA CITRUS ASSOCIATION, Corona, Calif.

Filed August 3, 1936. Serial No. 381,756. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,813. STEEL BARS, RODS, BILLETS, BLOOMS, SHEETS, PLATES, SLABS, STRIPS, BLOCKS, AND FORGINGS. CRUCIBLE STEEL COMPANY OF AMERICA, New York, N. Y.

Filed February 25, 1936. Serial No. 375,199. PUBLISHED SEPTEMBER 15, 1936. Class 14.

340,814. SOAP HAVING INCIDENTAL WATER SOFTENING PROPERTIES. THE DACAR PRODUCTS COMPANY, Canton, Ohio.

Filed August 11, 1934. Serial No. 354,894. PUBLISHED SEPTEMBER 15, 1936. Class 4.

340,815. BOX TOES. DAVIS BOX TOE COMPANY, INC., Brooklyn, N. Y.

Filed July 6, 1936. Serial No. 380,621. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,816. CORSETS, GIRDLES, CORSELETS, AND BRASSIÈRES. DE-AN-AY SHOPS, INC., Astoria, N. Y.

Filed May 19, 1936. Serial No. 378,620. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,817. THERMOSTATICALLY OPERATED ELECTRIC SWITCHES. DETROIT LUBRICATOR COMPANY, Detroit, Mich.

Filed January 29, 1936. Serial No. 374,235. PUBLISHED SEPTEMBER 15, 1936. Class 26.

340,818. CONCENTRATED PRODUCT FOR USE IN MIXING WITH GRAINS, MILL FEED, AND THE LIKE, IN THE PRODUCTION OF POULTRY FOOD, TO INCREASE THE FOOD VALUE AND IMPART OTHER DESIRABLE HEALTHFUL PROPERTIES TO THE POULTRY FOOD. DIXIE MILLS COMPANY, East St. Louis, Ill.

Filed June 15, 1936. Serial No. 379,737. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,819. CORSETS AND GIRDLES. MEYER DORFMAN, doing business as Real Form Girdle Company, Brooklyn, N. Y.

Filed June 9, 1936. Serial No. 379,473. PUBLISHED SEPTEMBER 1, 1936. Class 39.

340,820. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND SYRUPS AND EXTRACTS FOR MAKING THE SAME. FREDERICK LYLE DOUGLAS, Barrie, Ontario, Canada.

Filed June 29, 1936. Serial No. 380,393. PUBLISHED SEPTEMBER 15, 1936. Class 45.

340,821. PADS FOR MASSAGING THE BODY. THE DRACKETT COMPANY, Cincinnati, Ohio.

Filed May 23, 1936. Serial No. 378,780. PUBLISHED SEPTEMBER 15, 1936. Class 44.

340,822. LADIES' HATS. DRAPER HAT CORPORATION, New York, N. Y.

Filed September 6, 1935. Serial No. 369,048. PUBLISHED AUGUST 11, 1936. Class 39.

340,823. SHOES MADE OF LEATHER AND OF VARIOUS COMBINATIONS OF LEATHER, RUBBER, AND FABRIC. DYER'S GROUND GRIPPER SHOE STORE, INC., Madison, Wis.

Filed February 24, 1936. Serial No. 375,135. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,824. FRESH ORANGES. EADINGTON FRUIT COMPANY, Fullerton, Calif.

Filed July 14, 1936. Serial No. 380,987. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,825. LIMESTONE FILLER. WILLIAM D. EGLESTON, doing business as William D. Egleston Co., Boston, Mass.

Filed June 26, 1936. Serial No. 380,265. PUBLISHED SEPTEMBER 15, 1936. Class 1.

340,826. SHOES OF LEATHER AND FABRIC, AND A COMBINATION OF THESE MATERIALS. THE ELDER AND JOHNSTON COMPANY, Dayton, Ohio.

Filed June 11, 1936. Serial No. 379,552. PUBLISHED AUGUST 11, 1936. Class 39.

340,827. SHOES OF LEATHER AND FABRIC AND A COMBINATION OF THESE MATERIALS. THE ELDER AND JOHNSTON COMPANY, Dayton, Ohio.
Filed June 13, 1936. Serial No. 379,687. PUBLISHED AUGUST 18, 1936. Class 39.

340,828. SHOES OF LEATHER AND FABRIC AND A COMBINATION OF THESE MATERIALS. THE ELDER AND JOHNSTON COMPANY, Dayton, Ohio.
Filed June 13, 1936. Serial No. 379,693. PUBLISHED AUGUST 18, 1936. Class 39.

340,829. WOMEN'S HATS. THE ELDER AND JOHNSTON COMPANY, Dayton, Ohio.
Filed June 13, 1936. Serial No. 379,694. PUBLISHED AUGUST 18, 1936. Class 39.

340,830. WOMEN'S AND MEN'S SHOES MADE WHOLLY OR IN PART OF LEATHER AND FABRIC. EVANGELINE SHOE MFG. CO., Portland, Maine.
Filed June 3, 1936. Serial No. 379,237. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,831. AIR CONDITIONERS, AIR MOISTENERS, AND AIR HUMIDIFIERS. W. H. FABRY MANUFACTURING COMPANY, Alhambra, Calif.
Filed June 13, 1936. Serial No. 379,696. PUBLISHED SEPTEMBER 15, 1936. Class 34.

340,832. CELLULOSE ACETATE AND COTTON FABRICS IN THE PIECE. FAYEN CORPORATION, New York, N. Y.
Filed July 18, 1936. Serial No. 381,155. PUBLISHED SEPTEMBER 15, 1936. Class 42.

340,833. INFANTS', CHILDREN'S, AND LADIES' OUTER GARMENTS—NAMELY, SNOW-SUITS, SKI-SUITS, AND CHILDREN'S COAT SETS. JOSEPH FELDMAN, doing business as Scher & Feldman, New York, N. Y.
Filed June 25, 1936. Serial No. 380,196. PUBLISHED SEPTEMBER 15, 1936. Class 39.

340,834. BERETS FOR CHILDREN, WOMEN, AND MEN. FEZ AMERICA, INC., New York, N. Y.
Filed December 9, 1935. Serial No. 372,408. PUBLISHED AUGUST 18, 1936. Class 39.

340,835. ELASTIC FABRICS COMPRISING, IN WHOLE OR IN PART, ELASTIC THREADS FORMED FROM RUBBER, RUBBER LATEX, AND THE LIKE, EITHER COVERED OR UNCOVERED. FILATEX CORPORATION, New York, N. Y.
Filed June 10, 1936. Serial No. 379,515. PUBLISHED JULY 28, 1936. Class 42.

340,836. ELASTIC YARN FORMED FROM ELASTIC MATERIAL SUCH AS RUBBER, RUBBER LATEX, AND THE LIKE, EITHER COVERED OR UNCOVERED. FILATEX CORPORATION, New York, N. Y.
Filed June 10, 1936. Serial No. 379,516. PUBLISHED AUGUST 4, 1936. Class 43.

340,837. HOSIERY, SWEATERS, AND GLOVES MADE OF LEATHER, RUBBER, FABRIC, AND/OR COMBINATIONS THEREOF. BENJAMIN FISHMAN, Philadelphia, Pa.
Filed July 31, 1935. Serial No. 367,856. PUBLISHED AUGUST 11, 1936. Class 39.

340,838. PRESERVED FOOD PRODUCTS—NAMELY, APPLE JELLY MINT FLAVORED, MAPLE FLAVORED TABLE SYRUP, CITRUS FRUIT MARMALADE, CRANBERRY JELLY, FRUIT HONEY CONSISTING OF HONEY COMBINED WITH FRUIT JUICES AND SUGAR, AND GRAPEFRUIT TABLE SYRUP. THE 5¢ CUP INC. OF NEW JERSEY, Edgewater, N. J.
Filed August 21, 1935. Serial No. 368,522. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,839. MAYONNAISE. FLORIDA KEY PRODUCTS, Miami, Fla.
Filed June 4, 1936. Serial No. 379,295. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,840. BREAD. CHARTON C. FRANTZ, doing business as Frantz Company, Pittsburgh, Pa.
Filed June 27, 1936. Serial No. 380,347. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,841. HAIR NETS. S. D. FROHLICH, INC., New York, N. Y.
Filed May 8, 1936. Serial No. 378,192. PUBLISHED SEPTEMBER 15, 1936. Class 42.

340,842. HEADWEAR—NAMELY, MEN'S AND BOYS' FUR, FELT, WOOL, AND CLOTH HATS AND CAPS AND MEN'S AND BOYS' STRAW HATS. FUNK BROS. HAT & CAP CO., St. Louis, Mo.
Filed June 15, 1936. Serial No. 379,741. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,843. SHOES OF LEATHER, FABRIC, OR COMBINATIONS THEREOF. GENERAL SHOE CORPORATION, Nashville, Tenn.
Filed June 15, 1936. Serial No. 379,742. PUBLISHED SEPTEMBER 1, 1936. Class 39.

340,844. SUGAR. GENERAL SUGAR ESTATES, INC., New York, N. Y.
Filed February 28, 1933. Serial No. 335,355. PUBLISHED NOVEMBER 13, 1934. Class 46.

340,845. OIL BURNERS. GILBERT & BARKER MANUFACTURING COMPANY, West Springfield, Mass.
Filed May 7, 1936. Serial No. 378,140. PUBLISHED SEPTEMBER 15, 1936. Class 34.

340,846. BEER. MAX GLAZER, doing business as Black Dallas Beer Company, Dallas, Tex.
Filed July 25, 1936. Serial No. 381,451. PUBLISHED SEPTEMBER 8, 1936. Class 48.

340,847. TEXTILE FABRICS, IN THE PIECE, OF COTTON, WOOL, SILK, RAYON, AND/OR COMBINATIONS THEREOF. GLENDALE FABRICS, INC., New York, N. Y.
Filed July 23, 1936. Serial No. 381,358. PUBLISHED SEPTEMBER 8, 1936. Class 42.

340,848. TEXTILE FABRICS, IN THE PIECE, OF COTTON, WOOL, SILK, RAYON, AND/OR COMBINATIONS THEREOF. GLENDALE FABRICS, INC., New York, N. Y.
Filed July 23, 1936. Serial No. 381,359. PUBLISHED SEPTEMBER 8, 1936. Class 42.

340,849. PREPARED COCONUT. THE GLIDDEN COMPANY, doing business as Durkee Famous Foods, Cleveland, Ohio.
Filed August 6, 1936. Serial No. 381,868. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,850. PIECE GOODS AND TEXTILE FABRICS THAT ARE MOISTURE, SPOT, AND PERSPIRATION RESISTANT AND MOTH AND WATER REPELLENT. GOLDING BROS. CO., INC., New York, N. Y.
Filed July 8, 1936. Serial No. 380,766. PUBLISHED SEPTEMBER 15, 1936. Class 50.

340,851. CLEANING PREPARATION FOR HATS. BENJAMIN GOLDSTEIN, doing business as Lafayette Products Co., Brooklyn, N. Y.
Filed March 4, 1936. Serial No. 375,550. PUBLISHED SEPTEMBER 15, 1936. Class 4.

340,852. MANICURE IMPLEMENTS—NAMELY, CUTICLE SCISSORS, NAIL FILES, TWEEZERS AND BLACKHEAD REMOVERS. W. T. GRANT COMPANY, New York, N. Y.
Filed April 22, 1936. Serial No. 377,507. PUBLISHED SEPTEMBER 15, 1936. Class 44.

340,853. HOSE SUPPORTERS, ROLL ON GARTERS, ADJUSTABLE GARTERS, AND FANCY GARTERS. W. T. GRANT COMPANY, New York, N. Y.
Filed June 24, 1936. Serial No. 380,149. PUBLISHED SEPTEMBER 1, 1936. Class 39.

340,854. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND SYRUPS, EXTRACTS, CONCENTRATES, AND FLAVORS USED IN MAKING THE SAME. GREEN & GREEN, INC., Houston, Tex.
Filed May 26, 1936. Serial No. 378,888. PUBLISHED SEPTEMBER 15, 1936. Class 45.

340,855. ALE. HAFFENREFFER & CO., INC., Boston, Mass.
Filed July 28, 1936. Serial No. 381,531. PUBLISHED SEPTEMBER 15, 1936. Class 48.

340,856. WINES. HAMMONDSPORT VINTAGE CORPORATION, Penn Yan, N. Y.
Filed June 4, 1936. Serial No. 379,297. PUBLISHED SEPTEMBER 15, 1936. Class 47.

340,857. HATS FOR MEN AND WOMEN. HAT CORPORATION OF AMERICA, Norwalk, Conn.
Filed July 10, 1936. Serial No. 380,870. PUBLISHED SEPTEMBER 15, 1936. Class 39.

340,858. ROASTED AND SALTED MACADAMIA NUTS. HAWAIIAN MACADAMIA NUT CO. LTD., Honolulu, Territory of Hawaii.
Filed June 27, 1936. Serial No. 380,351. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,859. UNLINED LEATHER GLOVES AND COTTON AND WOOL LINED LEATHER GLOVES. HEATER GLOVE CORPORATION, Seattle, Wash.
Filed March 30, 1936. Serial No. 376,583. PUBLISHED AUGUST 4, 1936. Class 39.

340,860. CURTAINS AND DRAPERIES. JACOB HEIDENBERG, doing business as Acme Mills Co., New York, N. Y.
Filed July 8, 1936. Serial No. 380,768. PUBLISHED SEPTEMBER 8, 1936. Class 42.

340,861. SHOES MADE OF LEATHER, AND LEATHER AND FABRIC COMBINATIONS. CHESTER HEROLD, San Jose, Calif.
Filed June 19, 1936. Serial No. 379,902. PUBLISHED AUGUST 18, 1936. Class 39.

340,862. CANNED FOODS FOR CARNIVOROUS ANIMALS. CHARLES V. HERRON, doing business as Charles V. Herron Company, Evansville, Ind.
Filed May 14, 1936. Serial No. 378,433. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,863. FRESH FRUITS—NAMELY, APPLES, ORANGES, GRAPEFRUIT, LEMONS, BANANAS, GRAPES, PLUMS, PEARS, ETC. H. HICKS & SON, INC., New York, N. Y.
Filed July 10, 1936. Serial No. 380,871. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,864. WOOLEN GOODS IN THE PIECE. THE HIND & HARRISON PLUSH COMPANY, New York, N. Y.
Filed November 15, 1935. Serial No. 371,594. PUBLISHED SEPTEMBER 8, 1936. Class 42.

340,865. BUTTER. HOUSTON PACKING COMPANY, Houston, Tex.
Filed March 2, 1936. Serial No. 375,440. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,866. MACHINES FOR DISSEMINATING INSECTICIDAL DUSTS. H. D. HUDSON MANUFACTURING COMPANY, Chicago, Ill.
Filed June 25, 1936. Serial No. 380,204. PUBLISHED SEPTEMBER 15, 1936. Class 23.

340,867. WHEAT FLOUR. THE HUNTER MILLING COMPANY, doing business as Wellington Milling & Elevator Co., Wellington, Kans.
Filed May 26, 1936. Serial No. 378,890. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,868. INSTRUMENTS FOR MEASURING THE RATE OF FLOW OF AIR AND OTHER GASES. ILLINOIS TESTING LABORATORIES, INC., Chicago, Ill.
Filed June 26, 1936. Serial No. 380,281. PUBLISHED SEPTEMBER 15, 1936. Class 26.

340,869. CAST IRON PAVING TILE. INTERLAKE IRON CORPORATION, Chicago, Ill.
Filed June 26, 1936. Serial No. 380,283. PUBLISHED SEPTEMBER 15, 1936. Class 14.

340,870. COATING LACQUERS, THINNERS, DISPERSED PIGMENTS. THE INTERNATIONAL PRINTING INK CORPORATION, New York, N. Y.
Filed July 30, 1936. Serial No. 381,619. PUBLISHED SEPTEMBER 15, 1936. Class 16.

340,871. DESSERT PREPARATIONS COMPRISING GELATINOUS POWDERS ACCOMPANIED BY FLAVORING MATERIALS. JELL-WELL DESSERT CO. LTD., Los Angeles, Calif.
Filed April 12, 1935. Serial No. 363,660. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,872. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND FOR SYRUPS, EXTRACTS, AND FLAVORS USED IN MAKING THE SAME. TOM JOYCE, INC., Indianapolis, Ind.
Filed July 22, 1936. Serial No. 381,315. PUBLISHED SEPTEMBER 8, 1936. Class 45.

340,873. CORSETS, CORSELETS, GIRDLES, BRASSIÈRES, BUST SUPPORTS, DIAPHRAGM SUPPORTS, SUSPENDER BELTS, AND STOCKING SUSPENDERS. KEMPAT LIMITED, London, England.
Filed June 4, 1936. Serial No. 379,302. PUBLISHED AUGUST 11, 1936. Class 39.

340,874. HOSIERY. S. H. KRESS AND COMPANY, New York, N. Y.
Filed July 14, 1936. Serial No. 380,995. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,875. GAME EMPLOYING A MAP AND MOVABLE PIECES. BABETTE LAIDHOLD, doing business as Bano Novelty Company, New York, N. Y.
Filed June 19, 1936. Serial No. 379,944. PUBLISHED SEPTEMBER 15, 1936. Class 22.

340,876. SHOES MADE OF LEATHER, RUBBER, FABRIC, AND/OR COMBINATIONS THEREOF. LANSBURGH & BRO., doing business as Lansburgh's, Washington, D. C.
Filed July 9, 1936. Serial No. 380,836. PUBLISHED SEPTEMBER 15, 1936. Class 39.

340,877. MEN'S AND BOYS' HATS AND CAPS AND LADIES' HATS. THE LA SALLE HAT COMPANY, Philadelphia, Pa.
Filed June 29, 1936. Serial No. 380,405. PUBLISHED SEPTEMBER 1, 1936. Class 39.

340,878. LADIES' AND CHILDREN'S BLOOMERS, PANTIES, VESTS, AND BRASSIÈRES. LASKIN BROTHERS, INC., Philadelphia, Pa.
Filed May 3, 1935. Serial No. 364,516. PUBLISHED JULY 21, 1936. Class 39.

340,879. MAYONNAISE AND SALAD DRESSINGS. HARRY M. LEVIN, doing business as Golden Brand Food Products Company, Philadelphia, Pa.
Filed March 22, 1934. Serial No. 348,988. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,880. PUFFED RICE READY TO EAT AS A CEREAL BREAKFAST FOOD. LEVY RICE MILLING COMPANY, INC., New Orleans, La.
Filed June 25, 1936. Serial No. 380,208. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,881. GIRDLES. SID LEVY & SONS, San Francisco, Calif.
Filed February 15, 1935. Serial No. 361,423. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,882. FOUNDATION GARMENTS. LEWEL MFG. CO., INC., New York, N. Y.
Filed June 16, 1936. Serial No. 379,808. PUBLISHED AUGUST 18, 1936. Class 39.

340,883. WHEAT FLOUR. THE LEWIS GROCER CO., Lexington, Indianola, and Durant, Miss.
Filed April 6, 1936. Serial No. 376,853. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,884. GRANULATED AND PROCESSED WOOD FLOURS AND SAWDUST. THE LIGNUM CHEMICAL WORKS, Brooklyn, N. Y.
Filed July 6, 1936. Serial No. 380,648. PUBLISHED SEPTEMBER 15, 1936. Class 1.

340,885. METALLIC WELDING ELECTRODES. THE LINCOLN ELECTRIC COMPANY, Cleveland, Ohio.
Filed March 30, 1936. Serial No. 376,595. PUBLISHED JUNE 2, 1936. Class 14.

340,886. CHILDREN'S SHOES AND SLIPPERS OF LEATHER, RUBBER, OR FABRIC, OR OF COMBINATIONS OF THOSE MATERIALS. LIPPERT BROS., New York, N. Y.
Filed June 8, 1936. Serial No. 379,435. PUBLISHED AUGUST 25, 1936. Class 39.

340,887. PORTABLE ELECTRIC LAMPS. LOCKFELD VICTOR LAMP CORP., New York, N. Y.
Filed July 6, 1936. Serial No. 380,649. PUBLISHED SEPTEMBER 15, 1936. Class 21.

340,888. PREPARED MUSTARD. MARGARET LOESCH, doing business as Mrs. Loesch, New York, N. Y.
Filed August 4, 1936. Serial No. 381,814. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,889. MEN'S AND BOYS' SUITS, COATS, TROUSERS, HATS, AND CAPS; LADIES' AND GIRLS' OUTER SKIRTS, SUITS, COATS, OUTER WAISTS, HATS; CHILDREN'S ROMPERS, DRESSES, AND SUITS. LORRAINE MANUFACTURING COMPANY, Pawtucket, R. I., and New York, N. Y.
Filed May 9, 1936. Serial No. 378,258. PUBLISHED AUGUST 25, 1936. Class 39.

340,890. BRUSHLESS SHAVING CREAM IN STICK FORM. LOUANGEL CORPORATION, New York, N. Y.
Filed June 20, 1936. Serial No. 380,011. PUBLISHED SEPTEMBER 15, 1936. Class 4.

340,891. CANNED OR OTHERWISE PACKAGED FOOD—NAMELY, VEGETABLE CONCENTRATES. FRANK A. LUNDQUIST, doing business as Vegetrates Products Co., Denver, Colo.
Filed September 18, 1935. Serial No. 369,452. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,892. WHEAT FLOUR. THE J. C. LYSLE MILLING CO., Leavenworth, Kans.
Filed July 6, 1936. Serial No. 380,654. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,893. FERTILIZER. MACMULLEN-TERHUNE CO., Rochelle Park, N. J.
Filed August 14, 1935. Serial No. 368,301. PUBLISHED SEPTEMBER 15, 1936. Class 10.

340,894. ANTI-FRICTION METAL. MAGNOLIA METAL COMPANY, Elizabeth, N. J.
Filed July 28, 1936. Serial No. 381,534. PUBLISHED SEPTEMBER 15, 1936. Class 14.

340,895. PREPARED FOOD PRODUCTS—NAMELY, ANCHOVY PASTE, CAPERS, OLIVE OIL. MAILLIARD & SCHMIEDELL, doing business as Vittoria Importing Company, San Francisco, Calif.
Filed July 27, 1936. Serial No. 381,501. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,896. CANNED TOMATO PASTE. MANTECA CANNING COMPANY, Manteca, Calif.
Filed July 14, 1936. Serial No. 380,998. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,897. SILK PIECE GOODS. MARTHA MILLS INC., New York, N. Y.
Filed July 8, 1936. Serial No. 380,780. PUBLISHED SEPTEMBER 15, 1936. Class 42.

340,898. SHEET METAL PULL AND RIDE-ON TOYS. MASTER METAL PRODUCTS, INC., Buffalo, N. Y.
Filed July 10, 1936. Serial No. 380,876. PUBLISHED SEPTEMBER 15, 1936. Class 22.

340,899. TOILET SOAP IN CAKE OR BAR FORM AND HAVING ADDED THERETO A MEDICINAL INGREDIENT. MEDICAL SOAP COMPANY, New Orleans, La.
Filed April 13, 1936. Serial No. 377,158. PUBLISHED JULY 28, 1936. Class 4.

340,900. MUFFINS AND BISCUITS. MESSING BAKERIES INCORPORATED, Brooklyn, N. Y.
Filed June 17, 1936. Serial No. 379,845. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,901. SHOES, SLIPPERS, AND SPORT SHOES, MADE OF LEATHER, RUBBER, AND FABRIC, AND/OR COMBINATIONS THEREOF; AND SHEEPSKIN MOCCASINS. MIDWEST SLIPPER MFG. CO., Chicago, Ill.
Filed April 13, 1936. Serial No. 377,160. PUBLISHED AUGUST 11, 1936. Class 39.

340,902. WOMEN'S BLOUSES. MOLLY-'ES DOLL OUTFITTERS, INC., Philadelphia, Pa.
Filed June 26, 1936. Serial No. 380,293. PUBLISHED SEPTEMBER 15, 1936. Class 39.

340,903. CHILDREN'S SHOES OF LEATHER, RUBBER, OR FABRIC, OR OF COMBINATIONS OF THESE MATERIALS. MORRIS SHOE CO. INC., New York, N. Y.
Filed May 20, 1936. Serial No. 378,666. PUBLISHED AUGUST 11, 1936. Class 39.

340,904. CHILDREN'S SHOES OF LEATHER, RUBBER, OR FABRIC, OR OF COMBINATIONS OF THOSE MATERIALS. MORRIS SHOE CO. INC., New York, N. Y.
Filed May 20, 1936. Serial No. 378,667. PUBLISHED AUGUST 11, 1936. Class 39.

340,905. SHOES OF LEATHER, OR A COMBINATION OF LEATHER, RUBBER, OR FABRIC. MOULTON, BARTLEY, INC., St. Louis, Mo.
Filed June 1, 1936. Serial No. 379,125. PUBLISHED SEPTEMBER 1, 1936. Class 39.

340,906. MEN'S HALF-HOSE. MOUNTAIN CITY KNITTING MILLS, Chattanooga, Tenn.
Filed February 15, 1936. Serial No. 374,894. PUBLISHED MARCH 31, 1936. Class 39.

340,907. SALT. MULKEY SALT COMPANY, Detroit, Mich.
Filed June 15, 1936. Serial No. 379,755. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,908. SALT BLOCK FOR STOCK FEED. MYLES SALT COMPANY, LTD., New Orleans, La.
Filed June 22, 1936. Serial No. 380,069. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,909. READY BAKED PIE SHELLS. HENRY NATHAN, Chicago, Ill.
Filed June 26, 1936. Serial No. 380,294. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,910. COFFEE. NATHOR COFFEE CO., INC., New York, N. Y.
Filed March 13, 1936. Serial No. 375,972. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,911. APPARATUS FOR FLUSHING AND CLEANSING COOLING SYSTEMS, SUCH AS COOLING SYSTEMS FOR INTERNAL COMBUSTION ENGINES. NATIONAL CARBON COMPANY, INC., New York, N. Y.
Filed June 20, 1936. Serial No. 380,016. PUBLISHED SEPTEMBER 15, 1936. Class 23.

340,912. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND SYRUPS AND EXTRACTS FOR MAKING THE SAME. NEHI, INC., Columbus, Ga.
Filed December 23, 1935. Serial No. 372,985. PUBLISHED FEBRUARY 4, 1936. Class 45.

340,913. WRAPPERS USED FOR BREAD AND OTHER FOOD PRODUCTS. NEWARK PARAFFINE & PARCHMENT PAPER CO., Newark, N. J.
Filed June 6, 1936. Serial No. 379,389. PUBLISHED SEPTEMBER 15, 1936. Class 37.

340,914. POWER UNITS THAT EMBODY AN ELECTRIC MOTOR AND TRANSMISSION MECHANISM FOR CONTROLLING, AND PERMITTING ALTERATION OF, THE SPEED OF THE OUTPUT POWER MEMBER. THE NEW DEPARTURE MANUFACTURING COMPANY, Bristol, Conn.
Filed February 1, 1935. Serial No. 360,935. PUBLISHED SEPTEMBER 15, 1936. Class 21.

340,915. MECHANICAL GEARING FOR APPLYING MOTIVE POWER TO SHAFTING. THE NEW DEPARTURE MANUFACTURING COMPANY, Bristol, Conn.
Filed February 1, 1935. Serial No. 360,936. PUBLISHED SEPTEMBER 15, 1936. Class 23.

340,916. POWER UNITS WHICH EMBODY AN ELECTRIC MOTOR AND TRANSMISSION MECHANISM FOR CONTROLLING, AND PERMITTING ALTERATION OF, THE SPEED OF THE OUTPUT POWER MEMBER. THE NEW DEPARTURE MANUFACTURING COMPANY, Bristol, Conn.
Filed February 27, 1936. Serial No. 375,303. PUBLISHED SEPTEMBER 15, 1936. Class 21.

340,917. MECHANICAL GEARING FOR APPLYING MOTIVE POWER TO SHAFTING. THE NEW DEPARTURE MANUFACTURING COMPANY, Bristol, Conn.
Filed February 27, 1936. Serial No. 375,304. PUBLISHED SEPTEMBER 15, 1936. Class 23.

340,918. BEER AND ALE. THE NEW ENGLAND BREWING COMPANY, Hartford, Conn.
Filed July 9, 1936. Serial No. 380,841. PUBLISHED SEPTEMBER 8, 1936. Class 48.

340,919. SANDWICHES AND CAKE. NICKELETTE, INC., Melbourne, Fla.
Filed June 26, 1936. Serial No. 380,295. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,920. CANNED CORN. NORTHLAND CANNING CO., Cokato, Minn.
Filed June 26, 1936. Serial No. 380,297. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,921. ABRADING, LAPPING, POLISHING, AND GRINDING WHEELS. NORTON COMPANY, Worcester, Mass.
Filed June 27, 1936. Serial No. 380,360. PUBLISHED SEPTEMBER 15, 1936. Class 4.

340,922. CORSETS, CORSELETS, BRASSIÈRES, BELTS (FOR WEAR), GIRDLES IN THE NATURE OF CORSETS, CORSET BODICES, BUST BODICES AND BRACES, SUSPENDERS AND GARTERS ALL FOR WEAR. OCCULTA, Lyon, France.
Filed April 25, 1935. Serial No. 364,191. PUBLISHED AUGUST 20, 1935. Class 39.

340,923. NON-ALCOHOLIC, MALTLESS BEVERAGE SOLD AS A SOFT DRINK, AND SYRUPS AND EXTRACTS USED IN MAKING SAME. ORANGE SMILE SYRUP COMPANY, St. Louis, Mo.
Filed July 6, 1936. Serial No. 380,659. PUBLISHED SEPTEMBER 8, 1936. Class 45.

340,924. TRUE MAPLE FLAVORED SYRUP AND TRUE MAPLE FLAVORED DEXTROSE SUGAR. ORCHARD PRODUCTS COMPANY, Chicago, Ill.
Filed May 25, 1936. Serial No. 378,853. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,925. WINES. PACIFIC COAST BRANDS, LTD., San Francisco, Calif.
Filed December 11, 1935. Serial No. 372,526. PUBLISHED SEPTEMBER 15, 1936. Class 47.

340,926. RAYON PIECE GOODS. PACIFIC MILLS, Boston, Mass.
Filed July 21, 1936. Serial No. 381,284. PUBLISHED SEPTEMBER 8, 1936. Class 42.

340,927. PREPARATIONS IN LIQUID AND POWDERED FORM USED FOR THE REMOVAL OF SPOTS, STAINS, AND UNWANTED COLORS FROM CLOTHING AND FABRICS OF ALL KINDS; ETC. PATEK & Co., San Francisco, Calif.
Filed June 12, 1936. Serial No. 379,634. PUBLISHED SEPTEMBER 15, 1936. Class 4.

340,928. CHILDREN'S DRESSES, COATS, HATS, SKIRTS, BLOUSES, PLAY SUITS, AND SHOES OF LEATHER, FABRIC, AND COMBINATIONS THEREOF. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y.
Filed January 25, 1936. Serial No. 374,091. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,929. SHUTTLECOCKS. PENNSYLVANIA RUBBER COMPANY OF AMERICA, INC., Jeannette, Pa.
Filed July 15, 1936. Serial No. 381,044. PUBLISHED SEPTEMBER 15, 1936. Class 22.

340,930. SHUTTLECOCKS. PENNSYLVANIA RUBBER COMPANY OF AMERICA, INC., Jeannette, Pa.
Filed July 15, 1936. Serial No. 381,045. PUBLISHED SEPTEMBER 15, 1936. Class 22.

340,931. POLISHES AND CLEANERS FOR AUTOMOBILES, PIANOS, PHONOGRAPHS, FURNITURE, FLOORS, AND WOODWORK. PERMATEX COMPANY, INC., Brooklyn, N. Y.
Filed February 23, 1935. Serial No. 361,766. PUBLISHED NOVEMBER 12, 1935. Class 16.

340,932. SILICATE OF SODA, EITHER ANHYDROUS, HYDRATED, OR IN SOLUTION FOR ADHESIVE PURPOSES. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa.
Filed June 2, 1936. Serial No. 379,205. PUBLISHED SEPTEMBER 8, 1936. Class 5.

340,933. MEN'S AND BOYS' DRESS, NEGLIGEE, AND WORK SHIRTS, PAJAMAS, SUITS. UNDERWEAR, PANTS, SUEDE JACKETS, SUEDINE JACKETS, MELTON JACKETS, LEATHER AND LEATHERETTE COATS, CAPS, AND HATS. PLYMOUTH WHOLESALE DRY GOODS CORPORATION, New York, N. Y.
Filed June 1, 1936. Serial No. 379,135. PUBLISHED AUGUST 11, 1936. Class 39.

340,934. LADIES' AND MISSES' COATS, SUITS, DRESSES, RAINCOATS, JACKETS, FUR COATS, LADIES' BLOUSES, GLOVES OF LEATHER AND FABRIC OR COMBINATIONS THEREOF, LADIES' KNITTED, COTTON, RAYON, AND SILK UNDERWEAR, CORSETS, BRASSIÈRES, WASH DRESSES, HOSIERY, SLIPS, AND HATS. PLYMOUTH WHOLESALE DRY GOODS CORPORATION, New York, N. Y.
Filed June 10, 1936. Serial No. 379,530. PUBLISHED AUGUST 18, 1936. Class 39.

340,935. MEN'S AND BOYS' HATS AND CAPS. SIGMAN PORIZKY, Salt Lake City, Utah.
Filed February 11, 1936. Serial No. 374,728. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,936. ELECTRICAL STEEL GRID RESISTANCES, ELECTRICAL MOTOR STARTERS, AND ELECTRICAL AUTOMATIC TRANSFER SWITCHES. THE POST-GLOVER ELECTRIC CO., Cincinnati, Ohio.
Filed June 12, 1936. Serial No. 379,637. PUBLISHED SEPTEMBER 15, 1936. Class 21.

340,937. KNITTED TEXTILE FABRICS IN THE PIECE OF COTTON, WOOL, SILK, AND ARTIFICIAL SILK. PRINCETON, INCORPORATED, Watertown, Conn.
Filed July 14, 1936. Serial No. 381,005. PUBLISHED SEPTEMBER 15, 1936. Class 42.

340,938. FRESH CITRUS FRUIT, FRESH VEGETABLES AND MELONS. RANDOLPH MARKETING CO., INC., Los Angeles, Calif.
Filed June 29, 1936. Serial No. 380,409. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,939. BREAD. REGAN BROTHERS COMPANY, Minneapolis, Minn.
Filed June 29, 1936. Serial No. 380,410. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,940. WOMEN'S AND CHILDREN'S WOVEN, KNITTED, OR FABRIC UNDERGARMENTS, PARTICULARLY SHIRTS, SHORTS, PANTIES, STEP-INS (UNDERDRAWERS), BLOOMERS, VESTS, CHEMISES, CAMISOLES, TEDDIES, SLIPS, PETTICOATS, BRASSIÈRES, AND GARTER BELTS. ROBERT REIS & COMPANY, New York, N. Y.
Filed May 9, 1935. Serial No. 364,735. PUBLISHED AUGUST 13, 1935. Class 39.

340,941. WEARING APPAREL AND FURNISHINGS FOR MEN, WOMEN, AND CHILDREN, AS FOLLOWS: UNDERWEAR—TO-WIT, SHIRTS, DRAWERS, AND UNION SUITS, ETC. ROBERT REIS & Co., New York, N. Y.
Filed May 29, 1936. Serial No. 379,055. PUBLISHED AUGUST 11, 1936. Class 39.

340,942. LADIES' DRESSES. RELIANCE MANUFACTURING COMPANY, doing business as The Sterling Company, Chicago, Ill.
Filed June 27, 1936. Serial No. 380,362. PUBLISHED SEPTEMBER 15, 1936. Class 39.

340,943. PAPER NAPKINS. THE REYBURN MANUFACTURING COMPANY, Philadelphia, Pa.
Filed May 28, 1936. Serial No. 379,013. PUBLISHED SEPTEMBER 15, 1936. Class 37.

340,944. SHOES MADE OF LEATHER, RUBBER, FABRICS, AND COMBINATIONS THEREOF. RIVAL SHOE COMPANY, INC., New York, N. Y.
Filed April 24, 1936. Serial No. 377,603. PUBLISHED SEPTEMBER 1, 1936. Class 39.

340,945. COIN CONTROLLED AMUSEMENT APPARATUS. ROCK-OLA MANUFACTURING CORPORATION, Chicago, Ill.
Filed September 12, 1935. Serial No. 369,242. PUBLISHED OCTOBER 15, 1935. Class 22.

340,946. POWER BRAKES FOR AUTOMOBILES. ROCKWELL PRODUCTS COMPANY, Hartford, Conn.
Filed May 6, 1936. Serial No. 378,096. PUBLISHED SEPTEMBER 15, 1936. Class 19.

340,947. HAIR SALVES, HAIR ELIXIRS, DANDRUFF PREPARATIONS, HAIR TONICS, HAIR OILS, SHAMPOOS, AND HAIR DYES. LOUISE ROGERS, INC., Larchmont, N. Y.
Filed March 25, 1936. Serial No. 376,409. PUBLISHED MAY 26, 1936. Class 6.

340,948. CHILDREN'S WEAR—NAMELY, SPORT SHORTS, SKIRTS, AND DRESSES. ROSENAU BROS., INC., Philadelphia, Pa.
Filed June 12, 1933. Serial No. 338,795. PUBLISHED SEPTEMBER 15, 1936. Class 39.

340,949. LADIES' HATS MADE FROM FELT, FABRIC, OR OTHER TEXTILE MATERIALS. ROSENBERG & MANCIK, New York, N. Y.
Filed May 21, 1936. Serial No. 378,709. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,950. SILK AND ARTIFICIAL SILK FABRICS IN THE PIECE. ROTH FABRICS CORPORATION, New York, N. Y.
Filed June 25, 1936. Serial No. 380,226. PUBLISHED SEPTEMBER 15, 1936. Class 42.

340,951. SILK AND ARTIFICIAL SILK FABRICS IN THE PIECE. ROTH FABRICS CORPORATION, New York, N. Y.
Filed July 29, 1936. Serial No. 381,582. PUBLISHED SEPTEMBER 15, 1936. Class 42.

340,952. CORSETS, CORSELETS, GIRDLES, AND FOUNDATION GARMENTS. ROYAL WORCESTER CORSET COMPANY, Worcester, Mass.
Filed July 6, 1936. Serial No. 380,670. PUBLISHED SEPTEMBER 1, 1936. Class 39.

340,953. SAPONACEOUS COMPOUNDS FOR CLEANING THE HANDS, SHAVING CREAM, SHAVING STICKS, SHAVING POWDER, ETC. ROYCE CHEMICAL COMPANY, Carlton, Hill, N. J.
Filed July 11, 1936. Serial No. 380,924. PUBLISHED SEPTEMBER 15, 1936. Class 4.

340,954. GENERAL CLEANING AND SCOURING COMPOUND. ROYCE CHEMICAL COMPANY, Carlton Hill, N. J.
Filed August 4, 1936. Serial No. 381,819. PUBLISHED SEPTEMBER 15, 1936. Class 4.

340,955. LEATHER SPORTING BOOTS. THE W. C. RUSSELL MOCCASIN COMPANY, Berlin, Wis.
Filed May 19, 1936. Serial No. 378,640. PUBLISHED AUGUST 11, 1936. Class 39.

340,956. MEN'S UNDER SHIRTS, UNION SUITS, AND UNDERWEAR. SALT LAKE KNITTING WORKS, Salt Lake City, Utah.
Filed June 30, 1936. Serial No. 380,461. PUBLISHED SEPTEMBER 15, 1936. Class 39.

340,957. MEN'S UNDERWEAR UNION SUITS AND WOMEN'S UNDERWEAR UNION SUITS. SALT LAKE KNITTING WORKS, Salt Lake City, Utah.
Filed June 30, 1936. Serial No. 380,462. PUBLISHED SEPTEMBER 15, 1936. Class 39.

340,958. BOYS' AND MEN'S HATS AND CAPS. IRVING SAMUELS, New York, N. Y.
Filed June 8, 1936. Serial No. 379,589. PUBLISHED SEPTEMBER 1, 1936. Class 39.

340,959. NONALCOHOLIC, MALTLESS BEVERAGES AND SOFT DRINK CONCENTRATES. SANTOS SOUTH AMERICAN MATÉ CO., Los Angeles, Calif.
Filed July 20, 1936. Serial No. 381,223. PUBLISHED SEPTEMBER 8, 1936. Class 45.

340,960. READY MIXED PAINTS, PAINT ENAMELS, VARNISHES, STAINS, FURNITURE POLISH, POLISHING WAX, BRONZING LIQUIDS, BRONZE POWDER, METALLIC PAINTS. SAPOLIN CO. INC., New York, N. Y.
Filed July 15, 1936. Serial No. 381,050. PUBLISHED SEPTEMBER 15, 1936. Class 16.

340,961. SLIPPERS, SHOES, AND SANDALS FOR MEN, WOMEN, AND CHILDREN, MADE OF LEATHER, RUBBER, FABRIC, AND COMBINATIONS OF LEATHER, FABRIC, AND RUBBER, RUBBER SOLES, AND OVERSHOES. H. SCHEFT COMPANY, Boston, Mass.
Filed June 9, 1936. Serial No. 379,485. PUBLISHED AUGUST 11, 1936. Class 39.

340,962. TWINE, ROPE, STRING, AND CORDAGE. SCHERMERHORN BROS. CO., Chicago, Ill.
Filed July 16, 1936. Serial No. 381,086. PUBLISHED SEPTEMBER 15, 1936. Class 7.

340,963. MEN'S, YOUNG MEN'S, BOYS', AND CHILDREN'S WEARING APPAREL—NAMELY, SUITS, COATS, VESTS, TROUSERS, KNICKERS, FULL DRESS SUITS, TUXEDOS, COATS, VESTS, AND TROUSERS CLASSED AS SPORTS WEAR, SLACKS, RAINCOATS, OVERCOATS, TOP COATS, WIND BREAKERS, LEATHER JACKETS, SWEATERS, BATH ROBES, AND LOUNGING ROBES. SCHLOSS BROS. & CO., INC., Baltimore, Md.
Filed July 6, 1936. Serial No. 380,673. PUBLISHED SEPTEMBER 15, 1936. Class 39.

340,964. HOUSE CLEANING DEVICES—NAMELY, WET MOPS, OIL MOPS, DUST MOPS, WALL DUSTERS, FIBER BROOMS, CORN BROOMS, FLOOR BRUSHES, AND MOP HEADS. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed June 3, 1936. Serial No. 379,263. PUBLISHED SEPTEMBER 15, 1936. Class 29.

340,965. CLOTHING—NAMELY, MEN'S, LADIES', AND CHILDREN'S PANTS, BREECHES, JACKETS, COATS, AND SHIRTS. SEATTLE WOOLEN CO., Seattle, Wash.
Filed May 13, 1936. Serial No. 378,416. PUBLISHED SEPTEMBER 15, 1936. Class 39.

340,966. FRESH VEGETABLES. E. M. SEIFERT, JR., INC., doing business as Holme & Seifert, Salinas, Calif.
Filed December 6, 1935. Serial No. 372,340. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,967. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND FOR SYRUPS, EXTRACTS, AND FLAVORS USED IN MAKING THE SAME. SEVEN UP BOTTLING COMPANY, doing business as Howdy Bottling Company and Howdy 7-Up Bottling Company, St. Louis, Mo.
Filed March 28, 1936. Serial No. 376,549. PUBLISHED SEPTEMBER 15, 1936. Class 45.

340,968. LADIES' AND CHILDREN'S SLIPS. SEYMOUR-AVERY MANUFACTURING COMPANY, Chicago, Ill.
Filed April 22, 1936. Serial No. 377,527. PUBLISHED SEPTEMBER 15, 1936. Class 39.

340,969. BREAD AND SOYBEAN GRITS AND KERNELS FOR USE IN MAKING BREAD, CONFECTIONS, AND BREAKFAST FOODS. SHELLABARGER GRAIN PRODUCTS COMPANY, Decatur, Ill.
Filed June 25, 1936. Serial No. 380,227. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,970. DISH CLOTHS MADE OF KNITTED AND WOVEN FABRICS. SHEN MANUFACTURING CO., Philadelphia, Pa.
Filed June 26, 1936. Serial No. 380,312. PUBLISHED SEPTEMBER 15, 1936. Class 42.

340,971. PIECE GOODS MADE OF WOOL, COTTON, RAYON, SILK, ARTIFICIAL SILK, ARTIFICIAL FIBERS, AND COMBINATIONS OF THE SAME. SIEGEL BROS. KIKI MAID KOATS INC., New York, N. Y.
Filed March 30, 1936. Serial No. 376,609. PUBLISHED MAY 26, 1936. Class 42.

340,972. PIECE GOODS MADE OF WOOL, COTTON, RAYON, SILK, ARTIFICIAL SILK, ARTIFICIAL FIBERS, AND COMBINATIONS OF THE SAME. SIEGEL BROS. KIKI MAID KOATS INC., New York, N. Y.
Filed July 8, 1936. Serial No. 380,800. PUBLISHED SEPTEMBER 15, 1936. Class 42.

340,973. MEN'S CLOTHING—NAMELY, SUITS, SPORT COATS, RIDING BREECHES, OVERCOATS, TOP-COATS, REMOVABLE INTERLININGS FOR OVERCOATS AND RAINCOATS. D. SIEGEL CO., New York, N. Y.
Filed July 7, 1936. Serial 380,720. PUBLISHED SEPTEMBER 15, 1936. Class 39.

340,974. FURS, SKINS, AND PELTS. SILVERMAN & GREAN, INC., New York, N. Y.
Filed June 27, 1936. Serial No. 380,366. PUBLISHED SEPTEMBER 15, 1936. Class 1.

340,975. YERBA MATE. SOCIEDAD ANONIMA AUXILIAR FABRIL, AGRICOLA & COMERCIAL, Buenos Aires, Argentina.
Filed September 11, 1935. Serial No. 369,209. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,976. SHEETS AND PILLOWCASES, LINEN FINISH. ELIK SOKOLSKY, New York, N. Y.
Filed July 8, 1936. Serial No. 380,804. PUBLISHED SEPTEMBER 8, 1936. Class 42.

340,977. COMBINED MAGNESIUM AND CALCIUM USED FOR FERTILIZING PURPOSES. SOLEBURY AGRICULTURAL LIME CO., New Hope, Pa.
Filed July 16, 1936. Serial No. 381,090. PUBLISHED SEPTEMBER 15, 1936. Class 10.

340,978. BEER. THE SPEARMAN BREWING COMPANY, Pensacola, Fla.
Filed July 22, 1936. Serial No. 381,326. PUBLISHED SEPTEMBER 8, 1936. Class 48.

340,979. MEN'S, WOMEN'S, MISSES', AND CHILDREN'S GLOVES AND MITTENS MADE OF LEATHER, CALFSKIN, FABRIC, SILK, AND LINEN, OR ANY COMBINATION THEREOF. STEINBERGER BROS. GLOVE CORPORATION, New York, N. Y.
Filed May 23, 1936. Serial No. 378,808. PUBLISHED AUGUST 11, 1936. Class 39.

340,980. WOMEN'S AND CHILDREN'S FELT, STRAW, CLOTH, FUR, LINEN, PLUSH, AND SUEDE HATS AND CAPS. JOHN B. STETSON COMPANY, Philadelphia, Pa.
Filed June 5, 1936. Serial No. 379,360. PUBLISHED AUGUST 11, 1936. Class 39.

340,981. MEN'S AND BOYS' FELT AND STRAW HATS AND CLOTH CAPS; MEN'S SILK HATS; AND FELT AND STRAW HATS FOR WOMEN AND CHILDREN. JOHN B. STETSON COMPANY, Philadelphia, Pa.
Filed June 15, 1936. Serial No. 379,775. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,982. SHOES MADE OF LEATHER, FABRIC AND/OR A COMBINATION OF THESE MATERIALS. STIX-ALTMAN-WEINER INC., Norwood, Ohio.
Filed June 11, 1936. Serial No. 379,575. PUBLISHED SEPTEMBER 1, 1936. Class 39.

340,983. LEATHER SHOES, FABRIC SHOES, AND SHOES OF LEATHER AND FABRIC. HARRY L. STRAND, Brookline, Mass.
Filed April 29, 1936. Serial No. 377,810. PUBLISHED AUGUST 11, 1936. Class 39.

340,984. DAIRY PRODUCTS AND MORE PARTICULARLY FOR CREAM, MILK, AND BUTTERMILK. MICHAEL J. STRASSNER, doing business as Q. D. A. Laboratories, Paterson, N. J.
Filed May 22, 1936. Serial No. 378,762. PUBLISHED SEPTEMBER, 8, 1936. Class 46.

340,985. ELECTRICALLY DRIVEN JIG SAWS. SYNCRO DEVICES INCORPORATED, Detroit, Mich.
Filed June 1, 1936. Serial No. 379,155. PUBLISHED SEPTEMBER 15, 1936. Class 23.

340,986. ALE. SYRACUSE BREWERY, INC., Syracuse, N. Y.
Filed July 21, 1936. Serial No. 381,290. PUBLISHED SEPTEMBER 8, 1936. Class 48.

340,987. WOMEN'S GIRDLES, CORSETS, BRASSIÈRES, PAJAMAS, SLIPS, CHEMISES, AND PANTIES. HENRY J. TULLY & COMPANY, New York, N. Y.
Filed June 4, 1936. Serial No. 379,323. PUBLISHED SEPTEMBER 8, 1936. Class 39.

340,988. FIRECRACKERS. UNEXCELLED MANUFACTURING CO., INC., New York, N. Y.
Filed August 5, 1936. Serial No. 381,858. PUBLISHED SEPTEMBER 15, 1936. Class 9.

340,989. CANNED VEGETABLES. THE UTAH CANNING CO., Ogden, Utah.
Filed July 20, 1936. Serial No. 381,237. PUBLISHED SEPTEMBER 8, 1936. Class 46.

340,990. STEAM AND HOT WATER RADIATORS. UTICA RADIATOR CORPORATION, Utica, N. Y.
Filed May 28, 1936. Serial No. 379,023. PUBLISHED SEPTEMBER 15, 1936. Class 34.

340,991. LACQUER. VALENTINE & COMPANY, New York, N. Y.
Filed July 21, 1936. Serial No. 381,301. PUBLISHED SEPTEMBER 15, 1936. Class 16.

340,992. SHAVING CREAM. ANGELO VALENZISI, doing business as Valen's Silklike Products, Lynbrook, N. Y.
Filed June 18, 1936. Serial No. 379,913. PUBLISHED SEPTEMBER 15, 1936. Class 4.

340,993. FABRIC GLOVES. VAN RAALTE COMPANY, New York, N. Y.
Filed June 10, 1936. Serial No. 379,539. PUBLISHED AUGUST 11, 1936. Class 39.

340,994. FABRIC GLOVES. VAN RAALTE COMPANY, New York, N. Y.
Filed June 10, 1936. Serial No. 379,540. PUBLISHED AUGUST 11, 1936. Class 39.

340,995. LEATHER GLOVES. VAN VLEET GLOVE CO., INC., Gloversville, N. Y.
Filed June 25, 1936. Serial No. 380,244. PUBLISHED AUGUST 18, 1936. Class 39.

340,996. SYNTHETIC YARN. THE VISCOSE COMPANY, Marcus Hook, Pa.
Filed July 15, 1936. Serial No. 381,055. PUBLISHED SEPTEMBER 15, 1936. Class 43.

340,997. ALE. WAGNER BREWING COMPANY, Miami, Fla.
Filed July 8, 1936. Serial No. 380,811. PUBLISHED SEPTEMBER 8, 1936. Class 48.

340,998. PRETZEL STICKS, PICKLED HERRINGS PUT UP IN JARS, PRETZELETTES, MARINE SARDINES, GRENADINE SYRUP FOR FOOD FLAVORING PURPOSES, PANCAKE SYRUP, ETC. WALLOCK BRANDS, INC., Albany, N. Y.
Filed February 20, 1936. Serial No. 375,066. PUBLISHED SEPTEMBER 15, 1936. Class 46.

340,999. WOOLEN, WORSTED, CAMELS-HAIR, WOVEN AND KNITTED PIECE GOODS. JOHN L. WALTHER, New York, N. Y.
Filed July 14, 1936. Serial No. 381,011. PUBLISHED SEPTEMBER 15, 1936. Class 42.

341,000. VALVES; VALVE MANIFOLDS; CONTROL SETS—NAMELY, ELECTRICALLY OPERATED CONTROL SETS, CONTROL HEADS, AND SERVO MOTORS, ETC. THE WATERBURY TOOL COMPANY, Waterbury, Conn.
Filed May 26, 1936. Serial No. 378,872. PUBLISHED SEPTEMBER 15, 1936. Class 23.

341,001. HATS, CAPS, SUITS, OVERCOATS, TOP COATS, TROUSERS, JACKETS, AND COATS FOR MEN AND BOYS, ETC. WEBER & HEILBRONER, INC., New York, N. Y.
Filed May 14, 1936. Serial No. 378,464. PUBLISHED AUGUST 11, 1936. Class 39.

341,002. SOAP POWDER. WEST COAST SOAP COMPANY, Oakland, Calif.
Filed July 20, 1936. Serial No. 381,241. PUBLISHED SEPTEMBER 15, 1936. Class 4.

341,003. PRESERVATIVE, IN THE NATURE OF A PAINT OR VARNISH, FOR WOOD, CEMENT, CORK, TILE, LINOLEUM, AND MAGNASITE FLOORS. WEST DISINFECTING COMPANY, Long Island City, N. Y.
Filed June 27, 1936. Serial No. 380,372. PUBLISHED SEPTEMBER 15, 1936. Class 16.

341,004. MEN'S LEATHER SHOES. WEYENBERG SHOE MFG. CO., Milwaukee, Wis.
Filed June 25, 1936. Serial No. 380,246. PUBLISHED SEPTEMBER 8, 1936. Class 39.

341,005. CASTING METALS USED IN DENTISTRY. THE WILLIAMS GOLD REFINING CO., INC., Buffalo, N. Y.
Filed July 10, 1936. Serial No. 380,897. PUBLISHED SEPTEMBER 15, 1936. Class 44.

341,006. SHOES, PARTICULARLY FOR LADIES' AND MISSES' SHOES, MADE OF LEATHER OR FABRIC OR COMBINATIONS OF THE SAME. WOHL SHOE COMPANY, St. Louis, Mo.
Filed February 21, 1936. Serial No. 375,111. PUBLISHED SEPTEMBER 1, 1936. Class 39.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

341,007. (CLASS 8. SMOKERS' ARTICLES NOT INCLUDING TOBACCO PRODUCTS.) ARTLEIGH PRODUCTS, INC., New York, N. Y. Filed Oct. 7, 1935. Serial No. 370,076.

ASH-COASTA

For Combination Ashtray and Coaster.
Claims use since July 6, 1935.

341,008. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ASTER CORONA CORPORATION, New York, N. Y. Filed Mar. 13, 1936. Serial No. 375,925.

BRIT-EL-BRED

For Bread.
Claims use since Oct. 9, 1935.

341,009. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) SEMON BACHE & COMPANY, New York, N. Y. Filed Aug. 29, 1934. Serial No. 355,546.

BLUVIEW

For Screens or Plates Adapted for Use in Connection with the Reading or Viewing of X Ray Films or X-Ray Plates by Physicians, Surgeons, and Dentists.
Claims use since July 17, 1934.

341,010. (CLASS 43. THREAD AND YARN.) BARNHARDT BROTHERS, Charlotte, N. C. Filed Apr. 16, 1935. Serial No. 363,792.

SOFT SPUN
BLEND

BARNHARDT BROTHERS

For Cotton and Rayon Yarns and Mixtures Thereof.
Claims use since Feb. 20, 1934.

341,011. (CLASS 39. CLOTHING.) M. M. BERNSTEIN & SONS, INC., New York, N. Y. Filed Sept. 25, 1935. Serial No. 369,683.

Bodiform

For Ladies' Undergarments—Namely, Slips, Panties, Step-In Drawers, Combinations Consisting of a Brassière and Chemise, Night Gowns, and Pajamas.
Claims use since July 2, 1935.

341,012. (CLASS 39. CLOTHING.) H. D. BOB COMPANY, INC., New York, N. Y. Filed Oct. 7, 1935. Serial No. 370,081.

ROYALTON

For Men's and Boys' Dress, Negligee, and Work Shirts, Blouses, Pajamas, Textile Underwear and Overjackets (These Overjackets are Knit Bottom Blouses Generally Made of Heavy Buffalo Flannels or Plaid Flannels) Made of Cotton, Linen, Flannels, Wool, Silk, Artificial Silk, and Other Textiles.
Claims use since Oct. 1, 1935.

341,013. (CLASS 39. CLOTHING.) WILSON W. BROWN, Washington, D. C. Filed Aug. 26, 1935. Serial No. 368,681.

EVEN-TY

For Neckties.
Claims use since Aug. 19, 1935.

341,014. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE BRUNSWICK-BALKE-COLLENDER COMPANY, Wilmington, Del., and Chicago, Ill. Filed Sept. 16, 1935. Serial No. 369,330.

I-Rest

For Billiard Cloth.
Claims use since July 1, 1935.

341,015. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) CARLETON SCHALLER & CO., INC., New York, N. Y. Filed July 7, 1936. Serial No. 380,718.

TRUEFLAX LINENS

CARLETON SCHALLER & CO. Inc.

For Warranted Pure Linen in the Piece.
Claims use since March, 1933.

341,016. (CLASS 42. KNITTED, NETTED AND TEXTILE FABRICS.) CELANESE CORPORATION OF AMERICA, New York, N. Y. Filed Oct. 24, 1935. Serial No. 370,758.

TURKAMAN
FAILLE

For Fabrics Made Wholly or Partially of Cellulose Derivatives.
Claims use since Sept. 15, 1935.

341,017. (CLASS 39. CLOTHING.) DUTCHESS UNDERWEAR CORPORATION, New York, N. Y. Filed Sept. 18, 1935. Serial No. 369,443.

FREE - STRYDE

For Ladies' Rayon Underwear, Pajamas, Nightgowns, and Dresses.
Claims use since Aug. 1, 1935.

341,018. (CLASS 39. CLOTHING.) FOOT FORM SHOE SHOPS, INC., New York, N. Y. Filed July 21, 1936. Serial No. 381,266.

INDIAN — MOC

For Leather and Fabric Shoes, Moccasins, Slippers, Sandals, and Rubbers.
Claims use since 1930.

341,019. (CLASS 48. MALT BEVERAGES AND LIQUORS.) FÜRSTLICH FÜRSTENBERGISCHE BRAUEREI AKTIENGESELLSCHAFT, Donaueschingen, Germany. Filed Sept. 28, 1935. Serial No. 369,807.

FÜRSTENBERG-BRÄU

For Beer.
Claims use since Feb. 6, 1909.

472 O. G.—51

341,020. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) JOHN I. HAAS, INCORPORATED, Washington, D. C. Filed June 2, 1934. Serial No. 352,168.

CALIFORNIA GOLDING

For Hops.
Claims use since Apr. 1, 1931.

341,021. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) JOHN I. HAAS, INCORPORATED, Washington, D. C. Filed June 2, 1934. Serial No. 352,169.

OREGON GOLDING

For Hops.
Claims use since Apr. 1, 1931.

341,022. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) JOHN I. HAAS, INCORPORATED, Washington, D. C. Filed June 2, 1934. Serial No. 352,170.

WASHINGTON GOLDING

For Hops.
Claims use since Apr. 1, 1931.

341,023. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) JOHN I. HAAS, INCORPORATED, Washington, D. C. Filed June 2, 1934. Serial No. 352,171.

YAKIMA GOLDING

For Hops.
Claims use since Apr. 1, 1931.

341,024. (CLASS 27. HOROLOGICAL INSTRUMENTS.) MT. VERNON WATCH CO. INC., New York, N. Y. Filed July 15, 1936. Serial No. 381,042.

Fleetwood

For Watches and Parts Thereof, Watch Cases, Watch Attachments, and Watch Movements.
Claims use since Oct. 1, 1935.

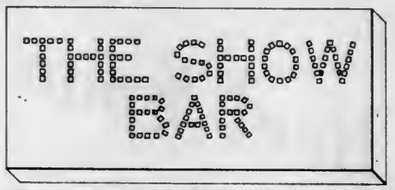
341,025. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) NAT LEWIS PURSES, INC., New York, N. Y. Filed Sept. 17, 1936. Serial No. 383,366.

DESIGNED BY

DAVID LEWIS

For Handbags, Traveling Bags, Purses, and Pocketbooks.
Claims use since August, 1933.

341,026. (CLASS 32. FURNITURE AND UPHOLSTERY.) J. PATRICK MCENROE, doing business as The Show Bar, Forest Hills, N. Y. Filed Jan. 24, 1936. Serial No. 374,054.



For Furniture for Restaurants, Dining Rooms, Cabarets, and Night Clubs—Namely, Bars, Stage Platforms, Liquor Display Cabinets, and Bar Stools.
Claims use since Oct. 1, 1935.

341,027. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MEXICAN MEDICINE CO., INC., Los Angeles, Calif. Filed June 18, 1936. Serial No. 379,894.

TEND-R-LIP

For a Lotion Used in the Treatment of Cold Sores, Fever Blisters, Cracked Lips, Insect Bites, and Like Ailments.
Claims use since Oct. 1, 1935.

341,028. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) NYE-WAIT COMPANY, INC., Auburn, N. Y. Filed July 30, 1936. Serial No. 381,632.

Jacobean

For Rugs and Carpets.
Claims use since March, 1933.

341,029. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) NYE-WAIT COMPANY, INC., Auburn, N. Y. Filed July 30, 1936. Serial No. 381,633.

KILBIRNIE

For Rugs and Carpets.
Claims use since November, 1928.

341,030. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) NYE-WAIT COMPANY, INC., Auburn, N. Y. Filed July 30, 1936. Serial No. 381,634.

KILMARNOCK

For Rugs and Carpets.
Claims use since November, 1909.

341,031. (CLASS 39. CLOTHING.) OGUS, RABINOVICH & OGUS, INC., New York, N. Y. Filed Mar. 20, 1936. Serial No. 376,222.

Fashion Five

For Ladies' Hats.
Claims use since September, 1935.

341,032. (CLASS 39. CLOTHING.) ROGERS PEET COMPANY, New York, N. Y. Filed Nov. 13, 1935. Serial No. 371,502.

Peet Spun

For Boys' Clothing—Namely, Suits, Coats, Hats, Hosiery, Dress and Negligee Shirts, and Leather Shoes.
Claims use since Sept. 15, 1935.

341,033. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE WM. REESE DRUG COMPANY, Comanche, Tex. Filed Mar. 14, 1936. Serial No. 376,007.

DURHAM'S ★ ANATHESIA-MOP

For Medicinal Preparation for Use as an Antiseptic and Germicide.
Claims use since Jan. 1, 1931.

341,034. (CLASS 39. CLOTHING.) I. SCHNEIERSON & SONS, INC., New York, N. Y. Filed Nov. 4, 1935. Serial No. 371,180.

Loom Suede

For Ladies' Chemises, Princess Slips, Bloomers, Step-Ins and Nightgowns of a Textile Fabric.
Claims use since Sept. 20, 1935.

341,035. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) SAMUEL SHAPIRO, New York, N. Y. Filed Apr. 20, 1936. Serial No. 377,423.

SAMUEL SHAPIRO

For Leather for Shoes and Bags.
Claims use since June, 1919.

341,036. (CLASS 39. CLOTHING.) THE SIMONE COMPANY, INC., New York, N. Y. Filed June 18, 1936. Serial No. 379,907.

SLUMBER-NETTE

For Boudoir Caps and Sleeping Caps.
Claims use since May 15, 1935.

341,037. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) TRAFFIC & STREET SIGN COMPANY, Newark, N. J. Filed Nov. 12, 1935. Serial No. 371,479.

NOBOLT

For Traffic and Street Signs.
Claims use since Sept. 15, 1935.

341,038. (CLASS 39. CLOTHING.) M. L. VICTORIUS & CO., INC., New York, N. Y. Filed Apr. 5, 1935. Serial No. 363,444.

SILKENIZE

For Hosiery Made of Natural or Artificial Silk.
Claims use since Feb. 15, 1935.

341,039. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) DALE J. WHERRY, doing business as Wherry Engineering Company, Des Moines, Iowa. Filed Aug. 17, 1936. Serial No. 382,296.

KANT-SLAP

For Stabilizer and Cushion for Reciprocating Pistons not Including Piston Rings.
Claims use since Aug. 11, 1933.

341,040. (CLASS 39. CLOTHING.) WILBAR'S, INC., Boston, Mass. Filed May 25, 1936. Serial No. 378,869.

Wilbar's

For Ladies' Shoes Constructed of Leather, Rubber, or Fabric, or of Combinations of Said Materials.
Claims use since Apr. 1, 1930.

341,041. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) THE RUDOLPH WURLITZER COMPANY, Cincinnati, Ohio. Filed Sept. 23, 1935. Serial No. 369,641.

Kingston

For Grands, Upright Pianos, Player Pianos, Piano Players, Banjos, Clarinets, Trombones, Saxophones, Trumpets, Alto Horn, Bass Horn, Baritone Horn, Bassoon, Cornet, Flute, French Horn, Mellophone, Oboe, Piccolo, Guitar, and Mandolin.
Claims use since April, 1935.

TRADE-MARK REGISTRATIONS RENEWED

108,053. A LIQUID FEMALE-TONIC AND HEALTH-BUILDER. Registered January 11, 1916. MILTON R. R. JONES, Jackson, Miss. Renewed January 11, 1936, to C. A. Lacey, Bolton, Miss., successor.

111,976. CERTAIN NAMED MEDICAL AND SURGICAL APPLIANCES. Registered August 15, 1916. THE SCHOLL MANUFACTURING COMPANY. Renewed August 15, 1936, to The Scholl Mfg. Co., Inc., Chicago, Ill., a corporation of New York, successor.

113,358. ATHLETIC UNDERWEAR, UNION SUITS, AND PAJAMAS MADE OF TEXTILE MATERIAL. Registered October 17, 1916. DELPARK, INC., New York, N. Y. Renewed October 17, 1936, to Henry C. Reusch & Co., Inc., Newark, N. J., a corporation of New York, assignee.

113,370. LADIES' HAT SHAPES AND FRAMES. Registered October 17, 1916. CHAS. A. GERBER, New York, N. Y. Renewed October 17, 1936.

113,402. RUBBER APRONS, RUBBER GLOVES, AND RUBBERIZED RAIN-COATS. Registered October 17, 1916. WARREN MACPHERSON, Cambridge, Mass. Renewed October 17, 1936.

113,535. TOOTH-POWDER, FACE-POWDER, DENTAL CREAM, TALCUM POWDER, AND TOILET WATERS. Registered October 17, 1916. THE J. B. WILLIAMS COMPANY, Glastonbury, Conn., a corporation of Connecticut. Renewed October 17, 1936.

113,784. CANNED FRUITS, CANNED VEGETABLES, CANNED PORK AND BEANS, CANNED SALMON, AND FRUIT JAMS. Registered October 31, 1916. THE NORTHERN JOBBING COMPANY, Chicago, Ill. Renewed October 31, 1936, to Northern Jobbing Company, St. Paul, Minn., a corporation of Illinois.

114,074. HORSE, DAIRY, AND POULTRY FEED. Registered November 21, 1916. NOWAK MILLING CORPORATION, Buffalo, N. Y. Renewed November 21, 1936, to Nowak Milling Corporation, Hammond, Ind., a corporation of New York.

114,255. ARTIFICIAL EMERY. Registered December 5, 1916. ELEKTRIZITATSWERK LONZA, Gampel, Switzerland. Renewed December 5, 1936, to Lonza Elektrizitatswerke und Chemische Fabriken Aktiengesellschaft, Gampel and Basel, Switzerland, a corporation of Switzerland, by change of name.

114,480. INDEXES, FILES, RECORD-CARDS, CARD-HOLDERS, AND METAL CARD-SUPPORTING GUIDE-STRIPS. Registered December 19, 1916. INDEX VISIBLE, INCORPORATED, New Haven, Conn. Renewed December 19, 1936, to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware, assignee by mesne assignments.

114,606. SNAP-FASTENERS FOR GARMENTS, DRESSES, AND WEARING-APPAREL GENERALLY. Registered December 19, 1916. The WILSON FASTENER COMPANY, Cleveland, Ohio, a corporation of Ohio. Renewed December 19, 1936.

114,633. SYNTHETIC PERFUME-OILS AND CONCENTRATED FLAVORS FOR MANUFACTURING PURPOSES. Registered December 26, 1916. FRIES & FRIES. Renewed December 26, 1936, to Fries & Fries, Inc., Cincinnati, Ohio, a corporation of Ohio, assignee by mesne assignments.

115,131. SHAVING AND TOILET SOAPS. Registered January 23, 1917. THE J. B. WILLIAMS COMPANY, Glastonbury, Conn., a corporation of Connecticut. Renewed January 23, 1937.

116,153. CONFECTIONERY—VIZ., MANUFACTURED LICORICE. Registered April 10, 1917. NATIONAL LICORICE COMPANY, Brooklyn, N. Y., a corporation of New York. Renewed April 10, 1937.

LABELS

REGISTERED NOVEMBER 24, 1936

48,404.—*Title:* UNION MADE CLOTHING. For Clothing. AMALGAMATED CLOTHING WORKERS OF AMERICA, New York, N. Y. Published September 21, 1936.

48,405.—*Title:* UNION MADE-SHIRT AND UNDERGARMENT. For Shirts and Undergarments. AMALGAMATED CLOTHING WORKERS OF AMERICA, New York, N. Y. Published September 14, 1936.

48,406.—*Title:* RAINBO BREAD. For Bread. P. D. ARCHER, Kansas City, Mo. Published February 18, 1936.

48,407.—*Title:* RAINBO BREAD. For Bread. P. D. ARCHER, Kansas City, Mo. Published November 12, 1935.

48,408.—*Title:* COLONIAL BREAD. For Bread. C. O. BECK, Kansas City, Mo. Published January 14, 1936.

48,409.—*Title:* MURJANA. For Cosmesis Skin Cream. BORZOI LABORATORIES, INCORPORATED, Newark, N. J. Published September 22, 1936.

48,410.—*Title:* KAPLE. For Self Rising Pancake and Waffle Flour. THE COBLESKILL MILLING COMPANY, INC., Cobleskill, N. Y. Published September 11, 1936.

48,411.—*Title:* KAPLE. For Self-Rising Buckwheat and Wheat Pancake Flour. THE COBLESKILL MILLING COMPANY, INC., Cobleskill, N. Y. Published September 11, 1936.

48,412.—*Title:* STAR HAT BODY REBUILDER. For a Preparation for Hat Bodies and Giving the Hat New Life and a Velvety Finish. COSMOLA CHEMICAL COMPANY, Cleveland, Ohio. Published June 21, 1936.

48,413.—*Title:* DAVCO. For Fertilizer. THE DAVISON CHEMICAL CORPORATION, Baltimore, Md. Published September 29, 1936.

48,414.—*Title:* BETERKAKE. For a Prepared Gingerbread Mix. DOUGHNUT CORPORATION OF AMERICA, doing business as Doco Grain Co., Ellicott City, Md. Published August 27, 1936.

48,415.—*Title:* TIP-TOP INSECTICIDE. For an Insecticide. FAYDON LABORATORIES, Syracuse, N. Y. Published August 1, 1936.

48,416.—*Title:* HY-TEX. For Toilet Tissue. FORT HOWARD PAPER COMPANY, Green Bay, Wis. Published September 8, 1936.

48,417.—*Title:* "KADY-OHIO" BRACES. For Braces. THE A. L. GARBER COMPANY, Ashland, Ohio. Published April 3, 1936.

48,418.—*Title:* KAN-A-GOOD. For Canned Grapefruit. GOOD FOODS, INC., Tampa, Fla. Published December 15, 1935.

48,419.—*Title:* HAMERSLEY'S TRIANGLE BOX WAXED PAPER KEEPS REFRIGERATOR SWEET, GIVES DOUBLE LIFE TO FOOD. For Waxed Paper. THE HAMERSLEY MANUFACTURING COMPANY, Garfield, N. J. Published September 24, 1936.

48,420.—*Title:* BREATH O'CLOVE GUM. For Chewing Gum. E. C. HARVEY, doing business as Pacific Gum Company, San Francisco, Calif. Published May 15, 1935.

48,421.—*Title:* CLOVELETS BREATH GUM. For Chewing Gum. E. C. HARVEY, doing businses as Pacific Gum Company, San Francisco, Calif. Published May 15, 1935.

48,422.—*Title:* RURAL GOLD SLICED YELLOW CLING PEACHES. For Sliced Yellow Cling Peaches. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published August 15, 1936.

48,423.—*Title:* UNCLE BEN'S PLANTATION RICE. For Rice. JAMES & HARWELL, INC., Houston, Tex. Published July 28, 1936.

48,424.—*Title:* PRIDE OF DAIRY STATES SWEET CREAM BUTTER. For Butter. PETER N. JANS, Evanston, Ill. Published March 17, 1936.

48,425.—*Title:* KLEAN-ALL. For Washing Fluid. KLEAN-ALL CHEMICAL CO., New York, N. Y. Published August 31, 1936.

48,426.—*Title:* ALBERT MARTIN'S PRIZE WINNING COCKTAILS. For Alcoholic Cocktails. ALBERT MARTIN, New York, N. Y. Published September 26, 1934.

48,427.—*Title:* CHILLO. For a Preparation for Making Genuine Mexican Chilli and Tamales. PAGE COFFEE MILLS, INC., St. Joseph, Mo. Published September 8, 1936.

48,428.—*Title:* LUBRICATES TO THE LAST DROP, A. PHILLIPS PURE OIL. For Lubricating Oil. PHILLIPS PURE OIL CO., Newkirk, Okla. Published September 19, 1936.

48,429.—*Title:* SAVOR SALT SEASONING. For Savor Salt Seasoning. A. SCHILLING & COMPANY, San Francisco, Calif. Published September 1, 1936.

48,430.—*Title:* CHILI PEPPER. For Chili Pepper. A. SCHILLING & COMPANY, San Francisco, Calif. Published September 1, 1936.

48,431.—*Title:* DR. SCHOLL'S KUROTEX CORN PLASTERS. For Corn Plasters. THE SCHOLL MFG. CO., INC., Chicago, Ill. Published July 30, 1936.

48,432.—*Title:* DR. SCHOLL'S PRESTO CORN PADS. For Corn Pads. THE SCHOLL MFG. CO., INC., Chicago, Ill. Published July 30, 1936.

48,433.—*Title:* DR. SCHOLL'S FELT BUNION PADS. For Bunion Pads. THE SCHOLL MFG. CO., INC., Chicago, Ill. Published July 30, 1936.

48,434.—*Title:* DR. SCHOLL'S ADHESTITE FELT CORN PADS. For Corn Pads. THE SCHOLL MFG. CO., INC., Chicago, Ill. Published July 30, 1936.

48,435.—*Title:* DR. SCHOLL'S ADHESTITE FELT BUNION PADS. For Bunion Pads. THE SCHOLL MFG. CO., INC., Chicago, Ill. Published July 30, 1936.

48,436.—*Title:* DR. SCHOLL'S FLESH COLOR MOLESKIN. For Moleskin. THE SCHOLL MFG. CO., INC., Chicago, Ill. Published July 30, 1936.

48,437.—*Title:* DR. SCHOLL'S SOFT FELT CHIROPODIST BUNION PADS. For Bunion Pads. THE SCHOLL MFG. CO., INC., Chicago, Ill. Published July 30, 1936.

48,438.—*Title:* DR. SCHOLL'S SOFT FELT CHIROPODIST CALLOUS PADS. For Callous Pads. THE SCHOLL MFG. CO., INC., Chicago, Ill. Published July 30, 1936.

48,439.—*Title:* DR. SCHOLL'S WATERPROOF BOROLIN BANDAGES. For Borolin Bandages. THE SCHOLL MFG. CO., INC., Chicago, Ill. Published July 30, 1936.

48,440.—*Title:* DOLLY MADISON. For Chocolate Covered Doughnuts. SCHULZE BAKING COMPANY, Kansas City, Mo. Published September 15, 1936.

48,441.—*Title:* SOME. For Toilet Bowl Cleaner. MAUDE SEELBACH, doing business as Some Products Company, Chicago, Ill. Published September 12, 1936.

48,442.—*Title:* STORZ WINTERBRU. For Beer. STORZ BREWING COMPANY, Omaha, Nebr. Published September 1, 1936.

48,443.—*Title:* CINCY DOG FOOD. For Dog Food. THE THOROBREAD COMPANY, Cincinnati, Ohio. Published March 10, 1936.

48,444.—*Title:* TROPHY DOG FOOD. For Dog Food. THE THOROBREAD COMPANY, Cincinnati, Ohio. Published May 15, 1936.

48,445.—*Title:* TONIC CRUZAZUL. For a Tonic Used as a Reconstructive and Expectorant. C. G. VILLARREAL, Calexico, Calif. Published September 1, 1936.

PRINTS

REGISTERED NOVEMBER 24, 1936

15,925.—*Title:* BUDD DOOR REPAIR PANELS. For Door Repair Panels. EDWARD G. BUDD MANUFACTURING COMPANY, Detroit, Mich. Published March 6, 1936.

15,926.—*Title:* TOP O' THE WORLD. For Pelts. THOMAS GAILORD & REYNOLDS, INC., New York, N. Y. Published August 11, 1936.

15,927.—*Title:* FREE WHILE SUPPLIES LAST: AT GROCERS WHERE YOU SEE THIS DISPLAY. For Biscuit Flour. GENERAL MILLS, INC., Minneapolis, Minn. Published September 29, 1936.

15,928.—*Title:* GIANT SNAP-SHOTS. For Snap-Shots. JACK RABBITT COMPANY, Spartanburg, S. C. Published September 28, 1936.

15,929.—*Title:* 2–37E. For Dental Cream. THE KOLYNOS COMPANY, New Haven, Conn. Published September 1, 1936.

15,930.—*Title:* GOLDEN DAWN. For Lager Beer. SUNRISE BREWING COMPANY, Cleveland, Ohio. Published Septmber 9, 1936.

15,931.—*Title:* SEEING IS BELIEVING WITH OUR LENSES. For Lenses. JOSEPH M. TRUE, Pittsburgh, Pa. Published March 13, 1936.

REISSUES

NOVEMBER 24, 1936

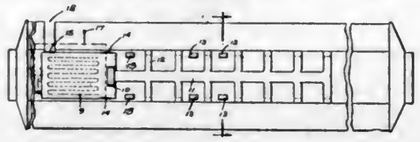
20,178

SYSTEM FOR AIR CONDITIONING RAILROAD CARS

Herman Richard Arf, Louisville, Ky., assignor, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J., a corporation of New York

Original No. 2,005,769, dated June 25, 1935, Serial No. 410,360, November 29, 1929. Application for reissue June 5, 1936, Serial No. 83,820

11 Claims. (Cl. 98—14)



1. In an air conditioning system for a railroad car having a monitor top, a false ceiling and crowned shoulder portions, a plenum space extending substantially the length of the car, said plenum space being formed between said false ceiling and the roof of said car, said false ceiling extending across the car from one crowned shoulder to the other, air conditioning apparatus, a conduit wholly within said plenum space for supplying conditioned air from said apparatus to a plurality of air outlets in said false ceiling, the remainder of said plenum space serving as a passageway for returning air from the car to said conditioning apparatus.

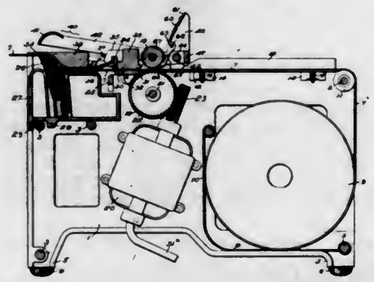
20,179

STRIP SERVING MECHANISM

Ephraim H. Chabot, Nashua, N. H., assignor to Nashua Gummed & Coated Paper Company, Nashua, N. H., a corporation of Massachusetts

Original No. 1,732,635, dated October 22, 1929, Serial No. 175,532, March 15, 1927, which is a division of application October 12, 1925, Serial No. 61,901. Application for reissue October 11, 1930, Serial No. 488,167

53 Claims. (Cl. 91—14.5)



45. In a strip serving device, strip feeding means, strip moistening means, strip severing means, and a visual measuring device for measuring the length of strip fed out, consisting of a stationary measuring scale, a feed length indicator movable along said scale, means to move said strip feeding means and said indicator in synchrony so that the indicator measures the length of tape fed out and means to set said last mentioned means into operation.

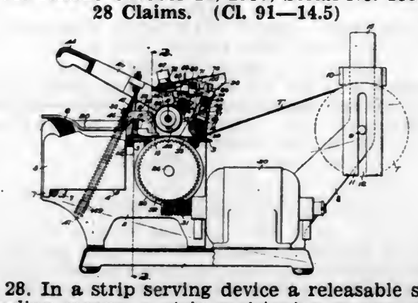
20,180

STRIP-SERVING MACHINE

Trevor R. Gautier and Harold E. Nichols, Nashua, N. H., assignors to Nashua Gummed and Coated Paper Company, Nashua, N. H., a corporation of Massachusetts

Original No. 1,732,636, dated October 22, 1929, Serial No. 258,875, March 3, 1928. Application for reissue October 11, 1930, Serial No. 488,168

28 Claims. (Cl. 91—14.5)



28. In a strip serving device a releasable strip feeding means, a strip moistening means, strip severing means, a visual measuring device for measuring the length of strip fed out consisting of a stationary measuring scale along which an indicating means indicative of the length of strip fed out is adapted to move, means to move said strip feeding means continuously and means to cause said strip feeding means to engage the strip to feed the same and to cause the indicator to move along the scale.

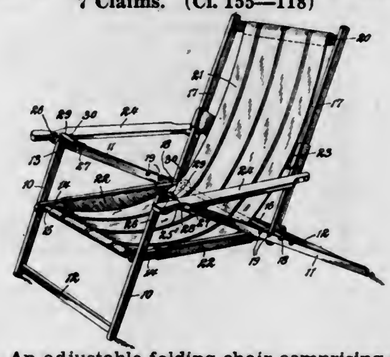
20,181

BEACH CHAIR

Harry A. Freedman, Brooklyn, N. Y.

Original No. 1,985,823, dated December 25, 1934, Serial No. 741,667, August 27, 1934. Application for reissue July 2, 1936, Serial No. 88,697

7 Claims. (Cl. 155—118)



7. An adjustable folding chair comprising connected leg frames, one at each side of the chair, each leg frame having a front and a rear leg pivotally connected adjacent their upper portions, an arm rest pivotally connected to each leg frame, a back frame pivotally connected to said arm rests, a seat frame pivotally connected at the rear to the back frame adjacent the lower portion thereof and adjacent its front to the front leg of each leg frame, means for pivotally supporting the back frame and the rear of the seat frame on the rear legs of said leg frames, said latter means being movable to permit folding of the

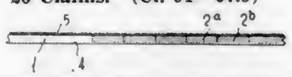
chair and also adjustable along the rear legs to vary the inclination of the back and simultaneously the relationship of the legs of the leg frames with respect to each other, and additional means for varying the inclination of the back comprising an extensible connection of the arm rest with respect to one of its pivotal connections, said latter means providing for tilting of the back pivotally on the supports afforded by the rear legs of the leg frames without altering the relationship of the legs, said two inclination varying means providing for varying the inclination of the chair back through relatively wide limits.

20,182
DECORATIVE SHEET MATERIAL AND PROCESS FOR PREPARING THE SAME

Ralph G. Jackson, Woodbury, N. J.

Original No. 1,998,780, dated April 23, 1935, Serial No. 634,057, September 20, 1932. Renewed December 18, 1934. Application for reissue June 29, 1936, Serial No. 88,034

26 Claims. (Cl. 91—67.9)



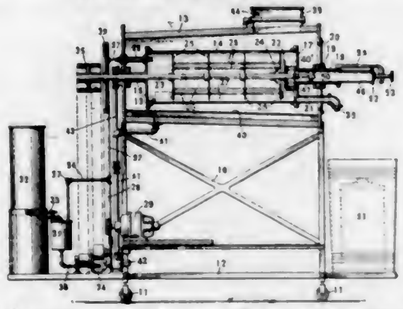
22. A decorative sheet of the type having a nap surface on at least one face thereof consisting of a fibrous web having decorative coloring extending from one face thereof deep down into the web, and a substantially transparent toughening agent extending substantially through the thickness of the web, the pores of said web between the fibers within the body of the sheet being only partially filled, said decorative coloring being visible through the toughening agent.

20,183
CONTINUOUS FREEZER

Albert T. Light, Canton, Ohio, assignor to York Ice Machinery Corporation, York, Pa.

Original No. 1,773,912, dated August 26, 1930, Serial No. 114,672, June 9, 1926. Application for reissue August 20, 1932, Serial No. 629,733

18 Claims. (Cl. 62—114)



1. A continuous ice cream freezer comprising a tub, a stationary cylinder mounted in the tub, a rotatable shaft extending into the cylinder, discs mounted on the shaft and means at a point removed from the shaft for feeding cream against one of the discs.

20,184
LEATHERBOARD PRODUCT AND METHOD OF MAKING THE SAME

Herman William Richter, Bridgewater, Mass., assignor to Geo. O. Jenkins Co., Bridgewater, Mass., a corporation of Massachusetts

No Drawing. Original No. 1,975,556, dated October 2, 1934, Serial No. 514,322, February 7, 1931. Application for reissue June 24, 1936, Serial No. 87,046

8 Claims. (Cl. 8—2)

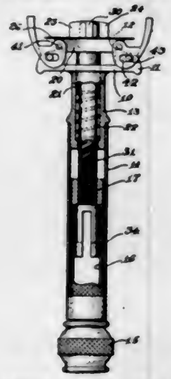
6. The method of treating leatherboard, which has been made by conventional methods, so as to liberate the natural color of the leather fibre which was obscured by the iron-tannate inks formed in the leatherboard during its fabrication by chemical reaction between the tannins present in the leather scrap and the iron of the fabricating apparatus, which method consists in subjecting the leatherboard to the bleaching action of an acid non-oxidizing agent of sufficient concentration to produce the desired effect but of insufficient concentration to injure the fibre of the leatherboard.

20,185
SAFETY RAZOR AND BLADE

Nicholas Testi, Boston, Mass., assignor to Gillette Safety Razor Company, Boston, Mass., a corporation of Delaware

Original No. 2,004,086, dated June 4, 1935, Serial No. 735,180, July 14, 1934. Application for reissue May 21, 1936, Serial No. 81,134

22 Claims. (Cl. 30—61)



17. A safety razor having cap and guard members, a blade having a blade-locating shoulder, a blade stop in the razor, and means acting first to move the blade angularly to engage its shoulder against said stop and then to clamp the blade between the cap and guard members while so held.

PLANT PATENTS

GRANTED NOVEMBER 24, 1936

208
ROSE

Jesse F. Hiscox, East Patchogue, N. Y.

Application June 19, 1936, Serial No. 86,166

1 Claim. (Cl. 47—61)

The variety of rose plant as described, characterized particularly by its distinctive color of bud and bloom; its strong and pleasant fragrance; its vigorous growth; and its long, strong stems.

PATENTS

GRANTED NOVEMBER 24, 1936

2,061,542
HAND OPERATED IMPLEMENT FOR WEEDING TARE

Johan̄ Appenzeller, Bergdietikon, Switzerland

Application May 24, 1935, Serial No. 23,324

In Switzerland May 30, 1934

4 Claims. (Cl. 97—70)



4. In a hand operated implement for cultivating purposes, a middle and two lateral rectangular knives each having a rectilinear edge, an adjustable arm for each of said knives, a fastening extension on each of said carrier arms, a socket for receiving the operating handle and supporting said carrier arms, a cross slot clamp connected to said socket and having a longitudinal slot and a transverse slot communicating with said longitudinal slot, the fastening extension of said middle knife being accommodated in said longitudinal slot and the extensions of said lateral knives being accommodated in said transverse slot of said clamp, and a single set screw for clampingly securing all the extensions together in said slots so as to render said middle knife extensible in the longitudinal and the lateral knives in transverse directions so as to permit alignment of the three knives with variable spaces or displacement of the middle knife longitudinally with respect to the lateral knives.

2,061,543
METHOD OF PREPARING PLASTIC MATERIALS DERIVED FROM UREA AND FORMALDEHYDE

René Armenault, Paris, France, assignor of one-half to Fabriques de Produits de Chimie Organique de Laire, Issy, France, a company of France

No Drawing. Application June 24, 1933, Serial No. 677,532. In France June 30, 1932

6 Claims. (Cl. 260—3)

1. A method of preparing plastic materials derived from urea and formaldehyde and containing combined sulphur, which comprises passing through a urea-formaldehyde solution a current of carbon dioxide and simultaneously adding to the solution a sulphide of a metal of the alkaline and alkali-earth groups; in such manner as to maintain said solution in a substantially neutral state.

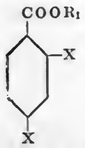
2,061,544
AQUEOUS SOLUTION OF ANAESTHETIC SUBSTANCES

Max Bockmühl and Willy Ludwig, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application June 23, 1934, Serial No. 732,180. In Germany June 28, 1933

7 Claims. (Cl. 167—52)

6. Aqueous solutions comprising a water-soluble cellulose derivative and a water-soluble salt of an organic hydroxylated carboxylic acid with a compound of the following formula



wherein R_1 stands for an alkamine group, one X for hydrogen, the other X for the group $NH.R_2$, R_2 being hydrogen or an alkyl or an alkyl-alkyloxy group.

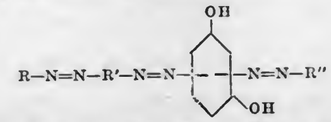
2,061,545
CONVERSION PRODUCTS OF AZO DYESTUFFS AND THEIR PRODUCTION

Jakob Bosshart, Riehen, near Basel, and Fritz Dobler, Basel, Switzerland, assignors to the firm of J. R. Geigy A. G., Basel, Switzerland

No Drawing. Application August 24, 1934, Serial No. 741,332. In Germany September 15, 1933

6 Claims. (Cl. 260—70)

6. Conversion products of azo-dyestuffs consisting of compounds of oxidation in the presence of ammonia from resorcinol-polyazo-dyestuffs having the following general formula:



wherein R represents radicals of diazotized aromatic amines of the benzene or naphthalene series selected from the group consisting of aniline, its homologues and sulphonic acids, nitro-, chloro- and nitrochloroanilines, their homologues and sulphonic acids, 1-amino-2-hydroxybenzene-3-carboxy-5-sulphonic acid, 4-nitro-4'-aminodiphenylamine-2-sulphonic acid and isomeric nitro-aminodiphenylaminesulphonic acids, and 4,6-dinitro-2-amino-1-hydroxybenzene, 1-aminonaphthalene-4-sulphonic acid, R' represents radicals of diazotized aromatic amines of the benzene or naphthalene series selected from the group consisting of 3-amino-1-hydroxybenzene-4-sulphonic acid, 1-aminonaphthalene, 1-aminonaphthalene-6- and -7-sulphonic acid (mixture) and 2-amino-8-hydroxy-naphthalene-6-sulphonic acid, and R'' represents radicals of diazotized aromatic amines of the benzene or naphthalene series selected from the group enumerated under R and also 4'-amino-1,1'-azobenzene-4-sulphonic acid.

2,061,546
ENVELOPE SEALING MACHINE

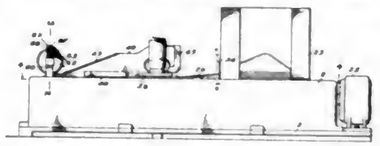
William H. Bryson, Savannah, Ga.

Application April 23, 1935, Serial No. 17,881

6 Claims. (Cl. 91—51)

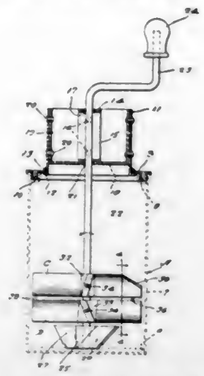
1. In an envelope sealing device a magazine for holding a pile of horizontally arranged unsealed envelopes having their flaps upturned and lying in a vertical plane, a driven belt passing underneath said magazine, horizontally pivoted pick-up fingers attached to said belt adapted to segregate the lowermost envelope from said pile and

propel it outwardly from said magazine, and fixed vertical guides directing the vertically up-



turned flaps of said propelled envelopes into engagement with a moistening device.

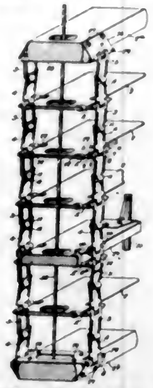
2,061,547
PAINT MIXER
Jesse W. Bumpus, Memphis, Tenn.
Application October 8, 1935, Serial No. 44,121
2 Claims. (Cl. 259—107)



1. A paint mixer comprising a vertically disposed rotary shaft adapted for axial movement in its supporting bearing, a scraping blade fixed at its center to the lower end of the shaft, the parts of the scraping blade on each side of the shaft arranged at an angle to the radius with the leading faces thereof inclined upwardly from the leading to the trailing edge, a pair of radially arranged mixing paddles fixed at their centers to the shaft one spaced upwardly of the other and both being spaced upwardly of and in the wake of the scraping blade, said mixing paddles being disposed at an angle with respect to each other to provide angular mixing chambers one on each side of the axis of the shaft, and said mixing chambers having a wide mouth on the leading side and a relatively narrow discharge space on the trailing side of the paddles.

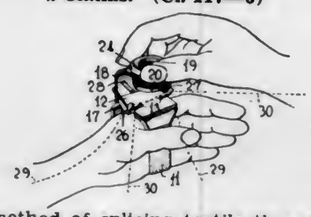
2,061,548
VENETIAN BLIND
William P. Cameron, Philadelphia, Pa., assignor to Cameron Metal Tape Company, Inc., Philadelphia, Pa., a corporation of Delaware
Application October 31, 1934, Serial No. 750,897
5 Claims. (Cl. 156—17)

2. An articulated ladder for Venetian blinds, said ladder comprising a plurality of transverse slat-supporting elements each connected to another at the opposite ends by folding pairs of pivotally connected links, each of said transverse elements having spaced pintle-receiving sockets at each end thereof, the one link of a pair having spaced pintle sockets intermediate and respectively adjoining the sockets of the associated element, and the contiguous link of the next adjoining pair having a pintle socket intermediate the sockets of the first-named link, and a pintle



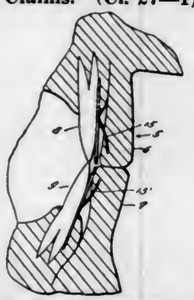
extending through all of said sockets and pivotally uniting said transverse element and links.

2,061,549
METHOD OF SPLICING YARN
Raymond H. Chase, Providence, R. I., assignor to William Wallace Potter, Pawtucket, R. I.
Original application June 12, 1931, Serial No. 544,015. Divided and this application April 30, 1935, Serial No. 19,096
2 Claims. (Cl. 117—G)



1. A method of splicing textile threads which includes the acts of laying two thread ends alongside one another, severing the extremities thereof, supplying an adhesive to at least one thread overlap, and twisting the overlaps.

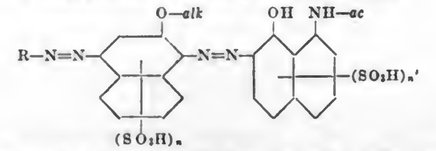
2,061,550
MOUTHPIECE
Benjamin A. Cavazza, North Adams, Mass.
Application July 15, 1935, Serial No. 31,484
8 Claims. (Cl. 27—1)



3. A device of the character described comprising an elongated plate having prongs on one longitudinal edge adapted to be inserted between the front of the front teeth and the gums of a deceased so as to mount the plate on the front of the teeth, and forwardly extending prongs on said plate for hooking into the lip and holding the same in place.

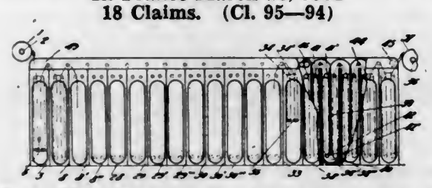
2,061,551
DISAZODYESTUFFS
Heinrich Clingestein, Cologne, and Werner Petzold and Ludwig Hauck, Leverkusen, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application July 5, 1935, Serial No. 30,014. In Germany August 2, 1934
3 Claims. (Cl. 260—83)

1. Disazodyestuffs of the general formula



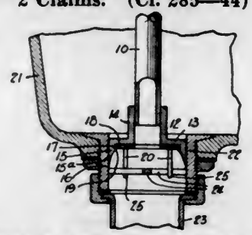
wherein R stands for the radical of a diazotized monoaminodiphenyl compound, *alk* stands for an alkyl group, *ac* stands for a non-diazotizable acyl group, *n* stands for one of the numbers 0 and 1, and *n'* stands for one of the numbers 1 and 2, being in form of their alkali metal salts generally dark green substances, soluble in water, dyeing cellulosic fibres in general clear green to bluish-green shades.

2,061,552
DEVELOPING MACHINE
André Léon Victor Clément Debrie, Paris, France
Application March 20, 1935, Serial No. 12,102
In France March 26, 1934
18 Claims. (Cl. 95—94)



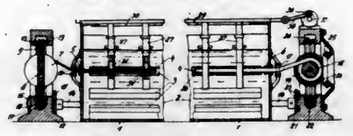
1. A film developing machine comprising a series of interchangeable vats adapted to be arranged in contact with one another through their long sides and provided each on one of its small sides with a loading and cleaning aperture, a door for fluidtightly closing the aperture in each vat and horizontal spindles for driving and winding the films through each vat.

2,061,553
FLUSHING DEVICE FOR DRAINS
Miguel B. Acosta, Los Angeles, Calif.
Application July 29, 1935, Serial No. 33,771
2 Claims. (Cl. 285—44)



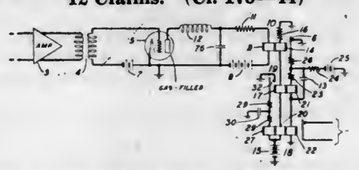
2. A flushing device for drains comprising a cylindrical soft rubber plug adapted to be manually turned and forced downwardly into a drain toward the spider arms therein and provided with a continuous annular wall tapered vertically to provide a highly flexible lower portion adapted to be expanded into water sealed engagement with the wall of the drain by exposure to the pressure of water discharged into the drain, means by which water under pressure can pass to the drain through said plug; and means carried by the plug for coaction with the arms of the spider upon turning the plug to hold the plug fixed in the drain and in water sealed relation to the walls thereof.

2,061,554
ELECTROLYTIC DEPOSITION OF METALS
Jean Billiter, Vienna, Austria, assignor to Copperweld Steel Company, Glassport, Pa.
Application December 11, 1930, Serial No. 501,569. Renewed February 25, 1936. In Austria December 14, 1929
4 Claims. (Cl. 204—11)



1. Apparatus for the electrolytic production of metal deposits comprising a cell, a body of electrolyte in said cell, a reel in front of said cell, means for causing rotation of said reel in the plane of its axis of revolution, a wire wound on said reel, means to the rear of said cell comprising a pair of clamping rollers for pulling said wire across said cell and means for causing said pulling means to rotate in synchronism with said reel.

2,061,555
TRANSMISSION CONTROL IN TWO-WAY SIGNALING SYSTEMS
Bjorn G. Bjornson, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application November 27, 1935, Serial No. 51,812
12 Claims. (Cl. 178—44)

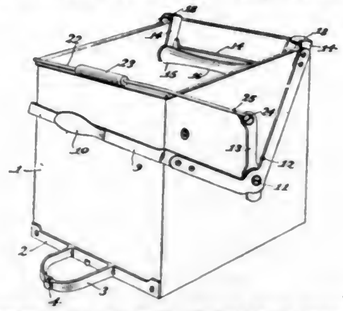


1. In a two-way signal transmission system comprising at least near the terminals thereof one-way paths for transmitting the signals in opposite directions, switching means connected to one one-way path near one terminal of the system, and responsive to transmission of signals in said one path to disable the other one-way path, means for producing a hang-over in the operation of said switching means so that said other one-way path will remain disabled a desired interval of time after cessation in the supply of controlling signals to said switching means, and means for preventing said hang-over becoming effective unless said switching means has been continuously operated by the signals for a given time.

2,061,556
MOP WRINGER
William F. Blake, South Pasadena, Calif., assignor, by mesne assignments, to Frederick A. Speik, South Pasadena, Calif.
Application April 27, 1934, Serial No. 722,745
1 Claim. (Cl. 15—262)

In a mop wringer, a bucket, plates secured on the sides of said bucket, a wringing roll carrying

frame pivotally mounted on said plates, springs arranged between said plates and said frame and yieldingly resisting the movement of said frame in one direction, a bail pivotally connected to



the upper ends of said plates and springs arranged between said plates and bail for yieldingly resisting swinging movement of the bail in one direction.

2,061,557

ANESTHETIC COMBINATIONS CONTAINING, BESIDES A LOCAL ANESTHETIC AGENT, A VASOCONSTRICTING AGENT

Max Bockmühl, Frankfort-on-the-Main, and Otto Schaumann, Wiesbaden, and Gustav Ehrhart and Leonhard Stein, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application March 16, 1934, Serial No. 715,994. In Germany April 22, 1933
6 Claims. (Cl. 167—52)

6. A composition of a matter comprising 3.4-dihydroxy-phenyl-alpha-propanolamine and a local anesthetic agent.

2,061,558

WRAPPING FOR EXPLOSIVES

Millard Brandt, Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application July 1, 1933, Serial No. 678,736
8 Claims. (Cl. 102—6)

1. An explosive package comprising a body of explosive material having a liquid ingredient and an enclosing case for the same consisting of an outer exposed sheet of embossed aluminum foil, an inner sheet of paper much more resilient than the metal foil and lying in close contact with said foil, and a waterproof adhesive coating between and uniting the paper and foil with such intimacy that the resilience of the paper is imparted to the foil, while the whole is additionally waterproofed by the said adhesive material, the outward disposition of the metal foil causing said foil to serve to reflect light and heat rays from the package.

2,061,559

TWINE

Ernest W. Brown, Park Ridge, Ill., and Robert C. Farrell, Wood-Ridge, N. J., assignors to Whitlock Cordage Company, New York, N. Y., a corporation of New Jersey

Application January 23, 1934, Serial No. 707,892
4 Claims. (Cl. 117—2)

4. The process of forming flat twine which comprises forming a round twine by twisting together a plurality of yarns, moistening the round twine, applying pressure to the round twine to reduce it to flat configuration and simultaneously heat-



ing the twine sufficiently to drive out the contained moisture.

2,061,560

MANUFACTURE OF ALCOHOLIC BEVERAGES

Kenneth R. Brown, Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application April 24, 1934, Serial No. 722,212
8 Claims. (Cl. 99—48)

4. The herein described composition of matter comprising an alcoholic beverage and an added quantity of sorbitol.

2,061,561

BURNER FOR HYDROCARBON GASES

William G. Cartter, Monrovia, Calif.

Application March 20, 1930, Serial No. 437,345
3 Claims. (Cl. 158—116)



3. A burner for the consumption of hydrocarbon gases comprising a mixing tube having openings for the admission of gas and air thereto and terminating in jetting means for the escape of the mixture from the mixing tube, a flange secured to said burner in immediate proximity to said means near the mouth thereof and having a portion extending outwardly beyond the mouth of said means and diverging therefrom throughout its full extent to the outer edge of the flange, said flange surrounding the jetting means and the inner portion of the flange constituting an imperforate barrier adjoining the same, and said flange cooperating with the jetting means in causing a steady flow of incoming air along the inner side of the flange and a steady outwardly flowing current of air next to the flame, whereby the outwardly flowing current of air and the jetted mixture are retarded and combustion at the mouth of the jetting means is effected.

2,061,562

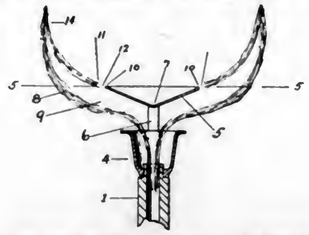
BURNER FOR HYDROCARBON GASES

William G. Cartter, Monrovia, Calif.

Application November 19, 1932, Serial No. 643,514
4 Claims. (Cl. 158—113)

1. The combination in a burner for the consumption of hydrocarbon gases provided with a mixing tube, openings for the admission of gas and air to the mixing tube, and a jetting element for the escape of the mixture from the mixing tube, of a bell having a portion in immediate proximity to said jetting element near the mouth thereof, and a portion extending from

said first mentioned portion outwardly beyond the mouth of the jetting element and throughout its full extent diverging therefrom, said bell being cooperatively related to the jetting element whereby to cooperate therewith in causing a steady outwardly flowing current of air next to the flame, and a steady flow of incoming air along the inner side of the bell in opposition to and to retard the outwardly flowing current of air



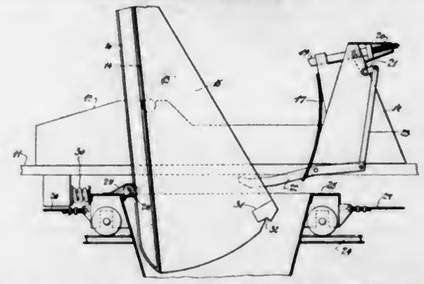
and the jetted mixture, and a member having a bottom face flaring outwardly and upwardly from a relatively low central point to a relatively high marginal edge portion, mounted at such a distance beyond the exit opening of said bell as to be out of contact with the burning gas and with its lower extremity positioned within the unignited portion of the jet of gas issuing from the burner, said member acting to spread the jet of unignited gas.

2,061,563

HOPPER

John T. Chambers, New Orleans, La., and Werner Lehman, South Milwaukee, Wis.; said Lehman assignor to Bucyrus-Erie Company, South Milwaukee, Wis., a corporation of Delaware

Application January 25, 1935, Serial No. 3,382
8 Claims. (Cl. 214—42)



8. In combination: a fixed substantially vertical hopper-door; a hopper, comprising a bottom downwardly inclined toward the bottom of the fixed door, and two substantially vertical sides higher toward the discharge end of the bottom; a pivot for the hopper, so positioned that the hopper when loaded will be biased by gravity to tilt open; and releasable means for holding the hopper closed against such bias.

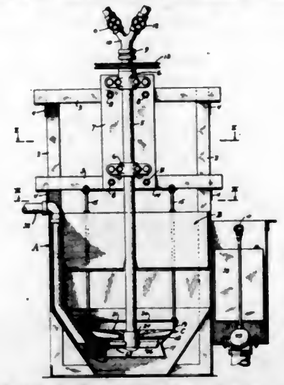
2,061,564

DIFFUSION IMPELLER DEFLECTOR

Lewis Driver Drake, Mountain View, and William M. Gardella, Oakland, Calif.; said Gardella assignor of one-third to said Drake

Application August 29, 1934, Serial No. 742,016
Renewed December 5, 1935
17 Claims. (Cl. 261—93)

1. In an apparatus of the character described, a fluid substance circulating and diffusion impeller comprising a hollow hub member secured to a hollow driving shaft, a plurality of solid impeller blades radially disposed from the hub, each blade presenting an inclined impelling surface and a rear edge disposed substantially at right angles to the impelling surface to form a cavitation pocket in the fluid substance behind each



blade and located wholly exteriorly of the solid blade and said hub having a plurality of openings formed therein immediately behind the blades, one opening for each cavitation pocket, and in alignment therewith to supply a fluid to said cavitation pockets which is diffused by the impeller.

2,061,565

TREATMENT OF FIBERS OR LIKE MATERIALS

Henry Dreyfus, London, England

No Drawing. Application April 26, 1933, Serial No. 668,069. In Great Britain May 6, 1932
8 Claims. (Cl. 8—20)

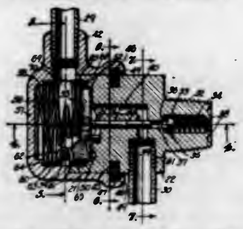
1. In a process for softening and stretching artificial filaments, threads, yarns, ribbons and like materials containing organic derivatives of cellulose, the steps of softening the materials with a medium throughout which are uniformly distributed a swelling agent for the derivative of cellulose and a substance selected from the group consisting of oils, fats and soaps and stretching the materials.

2,061,566

FLUID FEEDING DEVICE

Charles J. Eacock, Kansas City, Mo., and Claude H. Clauser, deceased, late of Kansas City, Mo., by Celeste H. Clauser, administratrix, South Pasadena, Calif.

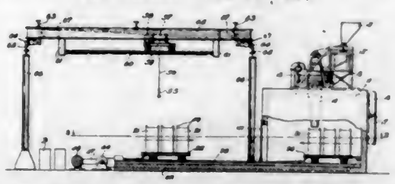
Application June 22, 1933, Serial No. 677,092
17 Claims. (Cl. 184—27)



1. In a device of the character described, fluid feeding means comprising a pair of relatively rotatable members, a feeding member movable in opposite directions, and means for moving the

same in both directions, said means for moving said feeding member comprising resilient means for moving the same in a feeding direction, a movable controlling member moving said feeding member in the opposite direction and controlling the feeding movements of said feeding member due to the action of said resilient means, and means for moving said controlling member upon slight relative movement of said relatively rotatable members in one direction comprising a driving connection between said controlling member and one of said relatively rotatable members comprising a one-way clutch interposed between the rotatable member and the controlling member to move said controlling member upon rotation of said relatively rotatable member in a predetermined direction, and a one-way clutch interposed between the other of said relatively rotatable members and said controlling member operating to hold said members against relative rotation in a reverse direction only.

2,061,567
PROCESS FOR PRODUCING SUPERPHOSPHATE FERTILIZER AND PRODUCT THEREOF
Leroy Henry Facer, Phelps, N. Y.
Application February 2, 1934, Serial No. 709,411
43 Claims. (Cl. 71—49)

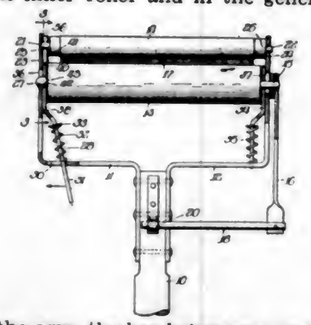


12. A process for manufacturing superphosphate comprising mixing phosphate rock and an acid and pouring in a confined space upon a support successive batches of such mixture each of which has sufficient depth to increase the temperature of the batch and the pressure therewithin above that prevailing when the mass is poured by confining within its intercellular structure the heat and pressure due to the chemical reaction taking place therein and insufficient weight to inhibit the creation of the porous structure normally resulting from said chemical reaction.

36. As a new article of manufacture, a pelleted superphosphate composed of individual pellets each of which consists of a number of granules of cured superphosphate held together by the material itself in the form of a porous structure the porosity of which extends with substantial uniformity throughout the mass and to the surface of the pellet.

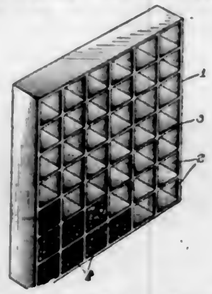
2,061,568
MOP
Conrad Fatland, Mount Prospect, Ill.
Application September 23, 1935, Serial No. 41,746
6 Claims. (Cl. 15—119)

1. In a mop, a mop handle, a pair of spaced arms fixed with reference to the handle and projecting therefrom, a pair of coacting mop rollers with their spindles journaled in the outer ends of the arms, and means for forcing one of the arms away from one end of the outer roller to release its spindle from its bearing, said means comprising a bar positioned parallel with the said arm and between the adjacent end of the inner roller and the adjacent arm, with one end extending beyond the spindle of the inner roller and the other end projecting materially away from the inner roller and in the general direc-



tion of the arm, the bar being arranged for tiltable movement by varying the distance transversely between the projecting bar portion and the arm.

2,061,569
COMPOSITION SHEET
Albert C. Fischer, Chicago, Ill.
Application November 30, 1931, Serial No. 577,963
16 Claims. (Cl. 154—44)



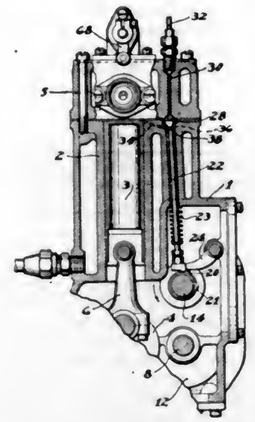
1. A constructional strip comprising a body of sponge rubber provided with a series of perforations, filling material in at least some of the perforations, and reenforcing strips of suitable material applied to face said perforated body.

2,061,570
IMPREGNATED FIBROUS MATERIAL
Per K. Frolich, Roselle, and Peter J. Wiezevich, Elizabeth, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application July 19, 1933, Serial No. 681,164
19 Claims. (Cl. 91—68)

1. A processed fibrous material impregnated with a high molecular weight polymer of isobutylene obtained by treatment with an inorganic halide at a temperature below —10° C.

2,061,571
ENGINE
Waldo G. Gernandt, Hayward, Calif.
Application March 6, 1931, Serial No. 520,564
2 Claims. (Cl. 123—33)

1. A fuel injection unit for a multi-cylinder engine, comprising a single compressor cylinder, a piston in said cylinder, a plurality of successively operated valves controlling the communication between said cylinder and individual engine cylinders, and means for operating each of said valves at two different positions of said piston in one pumping cycle thereof, one for



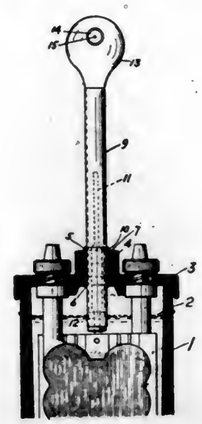
the ejection of fuel and the other to take in engine gases.

2,061,572
SASH HOLDER
Chester O. Goserud, St. Paul, Minn.
Application August 24, 1933, Serial No. 686,546
4 Claims. (Cl. 292—275)

1. In a sash holder, two arms, a pintle held from rotation relative to one of said arms, a metallic washer on said pintle, means on said pintle for holding said metallic washer from rotation relative to said pintle, friction washers between said arms and metallic washer, means for holding said friction washers from rotation relative to said pintle, and means for drawing said arms and washers together to procure friction therebetween.

2,061,573
STORAGE BATTERY AND GRAVITY INDICATING MEANS
Ernest F. H. Grothe, Philadelphia, Pa., assignor to The Electric Storage Battery Company, Philadelphia, Pa., a corporation of New Jersey
Application January 18, 1933, Serial No. 652,298
1 Claim. (Cl. 136—182)

An indicating device including, in combination, a storage battery containing electrolyte, a vent plug having a hole therethrough mounted on said storage battery, a hydrometer syringe having a glass barrel loosely fitting in said hole so that said syringe is detachably mounted in said vent plug, a shoulder formed of the glass of said barrel intermediate the ends thereof and supporting said syringe in said vent plug so that the major portion of said barrel is outside the battery and is visible, said vent plug having a vent opening therethrough located between said barrel and the wall of said hole and underlying said shoulder



so that said vent opening is open when said syringe is in said vent plug, means in said syringe for indicating the specific gravity of the electrolyte, and a bulb of flexible, acid-resistant material on the barrel of said syringe.

2,061,574
MATERIAL DISLODGING DEVICE
Morris P. Holmes, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application September 30, 1933, Serial No. 691,676
22 Claims. (Cl. 254—98)

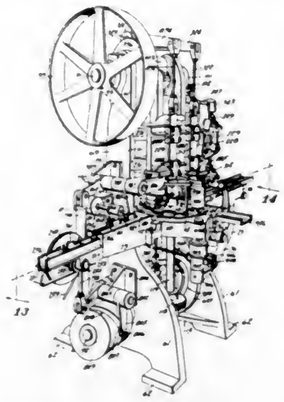


1. A dislodging device comprising a flat, hollow, expansible material-breaking means adapted for insertion in a narrow slot in the material to be dislodged and including a pair of oppositely movable, relatively wide, flat pressure plates having inwardly directed flanges, and mechanical expanding means interposed between said plates and including a rotatable member cooperating with said plate flanges and a separate expanding device between said rotatable member and each plate.

2,061,575
POURING SPOUT CAN COVER MACHINE
John M. Hothersall, Brooklyn, N. Y., assignor to American Can Company, New York, N. Y., a corporation of New Jersey
Application November 13, 1933, Serial No. 697,826
25 Claims. (Cl. 113—1)

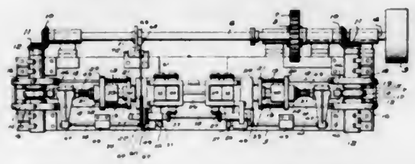
22. An apparatus for producing pouring spout can covers, comprising in combination, devices for holding a formed can cover having an opening therein and having a wire staple secured in the cover wall in predetermined relation to said opening, and instrumentalities for inserting a pouring

spout into said cover opening and into hinging position relative to and with said staple, and



means for bending a portion of the spout on said staple.

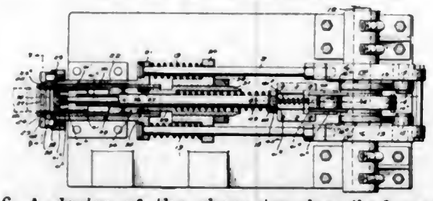
2,061,576
WAD CUTTING AND PLACING MACHINE
Daniel D. Huyett, Wilmington, Del., assignor to Atlas Powder Company, Wilmington, Del., a corporation of Delaware
Application January 30, 1933, Serial No. 654,349
24 Claims. (Cl. 86—23)



1. A device of the character described comprising a die having a mouth shaped to receive and support the end of a paper tube, a fixed annular cutter with which the die coacts in its movement away from the position occupied by the tube when the latter is in wad receiving position, means for feeding paper across said die and cutter to supply the material necessary for the formation of a paper wad, and means for reciprocating the die with respect to said cutter.

5. Means for feeding open ended paper tubes into alignment with wad forming and placing mechanisms comprising a trackway along which said tubes travel, a second trackway upon which said tubes are delivered and along which they are adapted to be rolled, a swinging member adapted to engage behind said tubes and roll them along the last named trackway, and a yieldable detent movable with said member which lies in front of said tubes until a tube reaches a position of alignment with respect to the wad forming mechanisms and thereafter rides beneath and engages behind said tube, and means for actuating said swinging member through such distance that on its next succeeding stroke its forward side engages the tube already worked on and thrusts it out of alignment with the said forming and placing mechanism.

2,061,577
WAD CUTTING, FORMING, AND PLACING MACHINE
Daniel D. Huyett, Wilmington, Del., assignor to Atlas Powder Company, Wilmington, Del., a corporation of Delaware
Application March 14, 1934, Serial No. 715,541
19 Claims. (Cl. 86—20)



6. A device of the character described comprising a fixed annular cutter, a die having a mouth shaped to receive the end of a paper tube, and comprising a portion co-acting with the fixed annular cutter to cut off a piece of material to form a wad, a rotative cam, members engaged with the die and against which said cam acts to move the die in one direction, spring means for moving the die in the other direction, and means carried by said cam, for imparting a positive thrust to the die at the beginning only, of its spring actuated stroke.

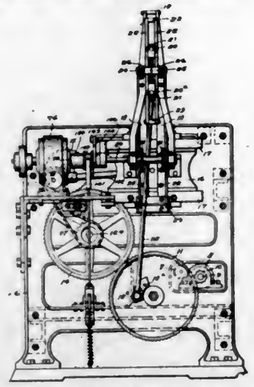
2,061,578
DETONATOR LEG WIRE ASSEMBLY AND METHOD OF WINDING THE SAME
Daniel D. Huyett, Wilmington, Del., assignor to Atlas Powder Company, Wilmington, Del., a corporation of Delaware
Application December 8, 1934, Serial No. 756,711
5 Claims. (Cl. 140—71)



1. The herein described method of winding detonator leg wires which consists of winding the relatively soft wire commonly employed for said leg wires under tension to form a group of figure 8 loops wherein each loop lies in a plane separate from adjacent loops and wherein the connecting bends between the loops are formed under such tension as to impart a permanent set to the bends of the loops at an angle to the general plane of the whole group of loops and pitched toward the forward end of the group of loops with the axes of said bends lying at an angle with respect to the general direction of the length of the group of loops whereby when said groups of loops are released from restraint they tend to open out in a direction which, if continued, would bring all of the wire to single strand formation without kinking.

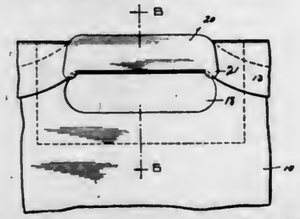
2,061,579
WIRE FOLDING, CUTTING, AND HANDLING MACHINE
Daniel D. Huyett, Wilmington, Del., assignor to Atlas Powder Company, Wilmington, Del., a corporation of Delaware
Application May 16, 1935, Serial No. 21,859
36 Claims. (Cl. 140—71)

1. The herein described method of winding the leg wires of detonators upon a pair of spaced supports, which consists of passing said wire through a shuttle moving in a figure-8 path with respect to said supports, and simultaneously imparting



lateral traverse to said shuttle with respect to said supports to thereby lay the wire upon said supports in a plurality of permanently formed progressively disposed, non-intersecting loops.

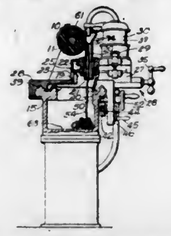
2,061,580
PARCEL BAG
Robert M. Lackey, Cohoes, N. Y.
Application September 13, 1933, Serial No. 689,173
2 Claims. (Cl. 229—68)



1. A bag as characterized having front and back portions and a closure flap extended from the front body portion of said bag, said flap having an elongated narrow central portion adapted to, in conjunction with corresponding portions of said front and back, form a carrying handle for said bag, said carrying handle comprising elongated narrow sections of said front and back portions adjacent the closing bend of said flap, said handle sections in said front and back being formed by cutting elongated finger openings therein, an extension from said front portion resulting from the formation of the finger opening therein, said extension being adapted to fold through said finger openings to cover said narrow portion of said flap, a tongue formed on the opening edge of said back for engaging said front portion in holding relation thereto, and a slit formed in said front portion at the bending line of said flap to receive said tongue.

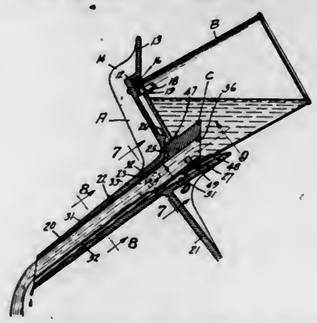
2,061,581
APPARATUS FOR TRIMMING CYLINDERS
Wells A. Lippincott, Oak Park, Ill., assignor to Ideal Roller & Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application December 5, 1934, Serial No. 756,187
6 Claims. (Cl. 164—69)

1. A machine for reducing the diameter of a cylinder composed of rubber or like material comprising, in combination, means for supporting a cylinder with its axis disposed in horizontal position, a support disposed at one side of the cylinder, means for rotating the cylinder in one direction and effecting relative movement between said support and the cylinder in a direction longitudinally of the latter and in timed relation to the rotation thereof, a member mounted on said support for pivotal adjustment about an axis extending transversely of and spaced from the cylinder axis, tubular cutter rotatably mounted on said member and having a circular knife edge at one



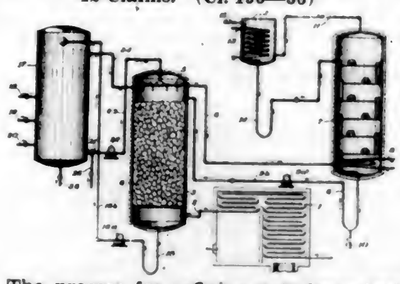
end facing in a direction approximately tangentially of said cylinder, an electric motor for driving said cutter at high speed, said edge being positioned to enter the cylinder periphery at a point spaced circumferentially in the direction of rotation of the cylinder from a horizontal plane through the cylinder axis, and operating during rotation of the roller and relative movement between the roller and said support to cut a helix from the periphery of the cylinder, the axis of said cutter being positioned relative to the cylinder at an angle equal to or greater than the angle of an element of said helix.

2,061,582
LIQUID DISPENSER
Robert Luthi, Maywood, Ill., assignor to American Can Company, New York, N. Y., a corporation of New Jersey
Application January 7, 1936, Serial No. 57,990
6 Claims. (Cl. 221—23)



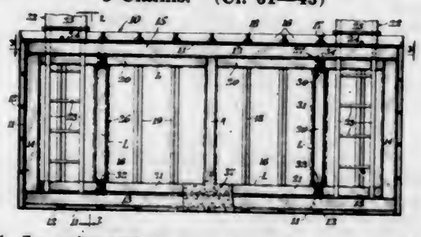
1. A liquid dispensing device for sealed liquid filled containers, comprising in combination a one-piece rigid frame, means fixed on said frame for engaging an end seam of the container and for utilizing the seam as a fulcrum, a pouring spout on said frame, a hollow cutting element disposed at the entrance of said pouring spout, and a handle formed on said pouring spout for pivoting said frame on said seam as a fulcrum whereby said cutter is caused to perforate a wall of said container for draining the contents thereof into and through said pouring spout when the device is used in its dispensing capacity.

2,061,583
HYDROCARBON OIL TREATMENT
William M. Malisoff, Philadelphia, and Fred G. Hess, Lansdowne, Pa., assignors to The Atlantic Refining Company, Philadelphia, Pa., a corporation of Pennsylvania
Application May 7, 1934, Serial No. 724,422
12 Claims. (Cl. 196—36)



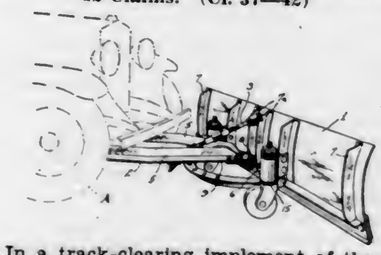
1. The process for refining petroleum hydrocarbon oil which comprises subjecting said hydrocarbon oil to thermal treatment in the presence of phosphoric acid and a phenolic compound.

2,061,584
SUBMERSIBLE TUNNEL
James C. Meem, Brooklyn, N. Y.; Catherine R. Meem administratrix of said James C. Meem, deceased
Application August 15, 1934, Serial No. 739,846
3 Claims. (Cl. 61—43)



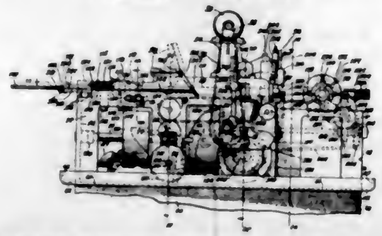
1. In submersible tunnel sections comprising outer steel shells and provided with end closures, a plurality of longitudinal girders comprised by upper and lower continuous beams attached to the bottoms and top of columns extending between the beams and spaced apart longitudinally thereto, and diagonal members extending between the beams and angularly disposed to said columns, said continuous beams being connected to the shell of the tunnel section, said columns acting as vertical compressive members and said diagonal members giving tensile strength.

2,061,585
TRACK-CLEARING IMPLEMENT
Edward B. Meyer, East Cleveland, Ohio
Application April 2, 1935, Serial No. 14,313
12 Claims. (Cl. 37—42)



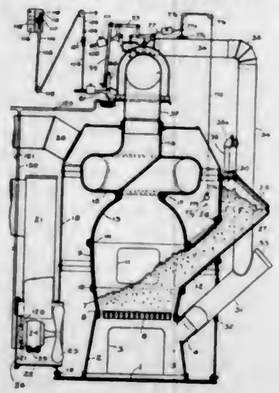
1. In a track-clearing implement of the class described, a mold-board, a relatively rigid metal member secured to the mold-board at its lower margin, and a non-metallic yielding pliable strip embraced between the mold-board and said member and depending past both into contact with the surface of the track to be cleared.

2,061,586
MULTIPLE SPINDLE SCREW MACHINE
William Lloyd Morrall, Buffalo, N. Y.
Application August 15, 1930, Serial No. 475,420
11 Claims. (Cl. 29—36)



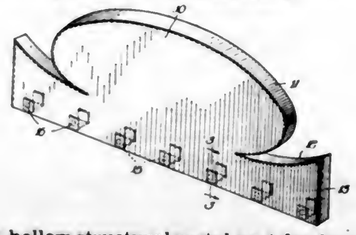
1. A screw machine comprising a frame; a plurality of spindles arranged in a single plane and provided with means for chucking bar stock therein and rotatably mounted in said frame; a pusher tube arranged in each spindle, means for independently moving forwardly each pusher tube axially; means for positively and simultaneously retracting all of said pusher tubes, means for rotating said spindles; and means for machining the exposed ends of said bar stock.

2,061,587
DRAFT CONTROLLER
William L. Morris, Chicago, Ill.; Laura Bell Morris executrix of said William L. Morris, deceased
Application November 7, 1929, Serial No. 405,403
7 Claims. (Cl. 110—163)



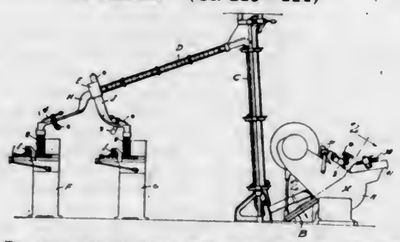
1. In a furnace having grates, ash pit and smoke pipe, the combination of a single air conduit from the ash pit to the smoke pipe, a valve between this conduit and the smoke pipe and a valve from this conduit to the atmosphere, the valves operating vertically and positioned alongside of each other and a cross operating lever pivoted to each valve, both valves closing or opening by the same directional movement of the cross operating lever so that another continuous movement of the operating lever causes one valve to close and when it is closed to open the other valve.

2,061,588
METAL FURNITURE
Dorothea O. Peschel, Kankakee, Ill.
Application December 21, 1933, Serial No. 703,380
9 Claims. (Cl. 29—148.2)



1. A hollow structural metal part for furniture, panels, and the like, comprising thin metal sheets with similarly curved outer edge contour and a rim member inserted between the sheets and the outer surface flush with their marginal edges, curved longitudinally to correspond to said contour, and having a sufficient contact space, and spot-welds connecting the sheets to said contact space.

2,061,589
CONTROL DEVICE FOR CAN MACHINERY
William J. Philp, Melrose Park, Ill., assignor to American Can Company, New York, N. Y., a corporation of New Jersey
Application March 13, 1934, Serial No. 715,362
16 Claims. (Cl. 113—114)

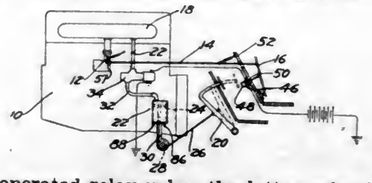


1. In a control device for a line of can machinery or the like, the combination of a pair of magazines for receiving can parts, means for conveying can parts to each of said magazines, and means associated with each of said conveying means and operable in accordance with the quantity of can parts in its magazine for diverting the can parts thereto from the conveying means of the other magazine when the quantity of can parts in the former magazine falls below a predetermined amount.

11. In an electric control device, the combination of a magazine for holding can ends in stacked formation, means for releasing said ends from said magazine, and an electric control device operable by an inverted can end in said magazine for stopping the operation of said can end releasing means.

2,061,590
CLUTCH CONTROL MECHANISM
Harold W. Price and Earl R. Price, South Bend, Ind., assignors to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application February 12, 1932, Serial No. 592,582
4 Claims. (Cl. 192—.01)

1. In an automotive vehicle provided with an internal-combustion engine, a clutch and a throttle, means for operating the throttle, engine operated power means for operating the clutch, a control valve for said power means and means for controlling the operation of said control valve, said latter means comprising an electrically operated relay valve, the latter valve being controlled by the aforementioned throttle operating means.

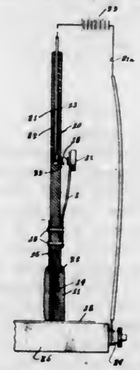


2,061,591
ELECTROLYTIC DEVICE
Felix R. Rapids, Chicago, Ill.
Application March 21, 1935, Serial No. 12,209
3 Claims. (Cl. 204—5)



1. A device for use in the electrodeposition of metals, comprising a brush having a handle and bristles attached thereto, a metal ferrule encasing the attached end of said bristles, an electrical conductor in electrical contact with said ferrule and a manually operable make-and-break mechanism carried by said handle for connecting said conductor to a source of current.

2,061,592
COMPOSITION FOR AND METHOD OF METAL ELECTROPLATING
Felix R. Rapids, Chicago, Ill.
Application March 21, 1935, Serial No. 12,210
8 Claims. (Cl. 204—1)



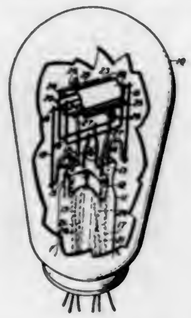
4. An electrolyte composition for use in the electroplating of metals, comprising an aqueous

solution of an ionizable compound of the metal to be plated out and sufficient starch to render said solution of jell-like consistency.

2,061,593
METHOD OF PRODUCING NUCLEAR ALKYLATED AROMATIC COMPOUNDS
Jack D. Robinson, Buffalo, N. Y., assignor to National Aniline & Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application March 5, 1934, Serial No. 714,096
19 Claims. (Cl. 260—154)

1. The improvement in the method of producing a nuclear alkyl derivative of an aromatic compound by alkylation of an aromatic compound capable of being alkylated, which comprises reacting the aromatic compound with an alkyl ester of a fatty acid, the alkyl group of which is selected from the group consisting of the higher alkyl and aralkyl radicals in the presence of a condensing agent.

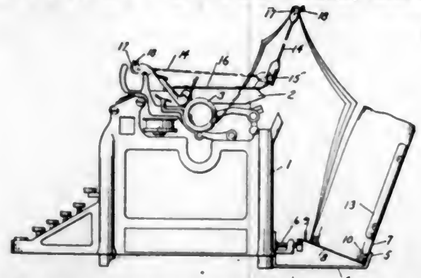
2,061,594
ELECTRON DISCHARGE DEVICE
Arthur L. Samuel, Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application November 21, 1933, Serial No. 698,948
11 Claims. (Cl. 250—27.5)



3. An electron discharge device comprising a cathode, a plurality of spaced imperforate plates disposed on opposite sides of said cathode, and a plurality of spaced anodes disposed one outside of each of said plates, said anodes being disposed on opposite sides of said cathode and having portions overlying edges of said plates and disposed in alignment with said cathode, and said portions being spaced to form openings out of alignment with said plates.

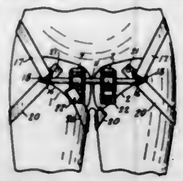
2,061,595
TYPEWRITER ATTACHMENT
John Q. Sherman, Dayton, Ohio
Application June 30, 1933, Serial No. 678,450
10 Claims. (Cl. 197—133)

1. The combination with a writing machine and a stationary paper supply holder therefor, of a vertically extending guide frame carried by the reciprocatory platen carriage of a writing machine, said frame including upwardly extending side arms hinged to mounting members detachably engaging a platen carriage of a writing machine and a cross rod carried by the side arms over which the paper supply is freely drawn from the holder to the platen, said cross rod being elevated sufficient distance above the platen to insure an ample length of paper supply between



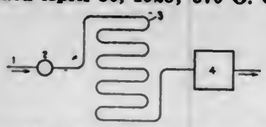
the holder and platen to prevent uneven tension of the portion engaging the platen.

2,061,596
TRUSS
William I. Silverstein, Hoboken, N. J.
Application April 19, 1935, Serial No. 17,157
3 Claims. (Cl. 128—106)



2. As an article of manufacture, a truss comprising a rod adapted to be disposed horizontally in relation to the body of the wearer of the truss, two pressure distributing pads mounted on the rod for pivotal movement about the rod and for slidable adjustment along said rod relative to each other, each of said pads having a substantially flat body-contacting inner surface and being constructed of pliable flexible material so that it can readily be made to conform to the part of the body to which it is applied, means consisting of a strap attached to both ends of the rod and having an intermediate portion for encircling the wearer's body and holding the truss in position, means consisting of straps for holding the pads against the parts of the body to which they are applied and in conformity therewith, and means to lock each of the pads against movement on the rod, said means consisting of a coil spring for each pad wound about said rod and having its ends anchored in the corresponding pad.

2,061,597
PYROLYSIS OF METHANE
Harold M. Smith, Peter Grandone, and Harry T. Rall, Bartlesville, Okla.
Application April 26, 1934, Serial No. 722,521
2 Claims. (Cl. 260—168)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A process for the pyrolytic conversion of methane into benzene, consisting in limiting the methane decomposition to approximately 25 per-

cent by weight for any temperature within the temperature range of 1000° C.–1200° C. by passing the gas through a reaction tube at any temperature between 1000° C.–1200° C. at atmospheric pressure and at a time interval expressed by the formula

$$\log_{10}\theta = \frac{19{,}525}{T} - 15.0967$$

wherein the contact time in seconds is represented by the Greek letter theta.

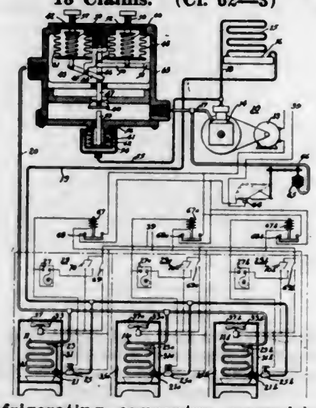
2,061,598
PROCESS FOR PRODUCING ETHYLENE
Harold M. Smith and Peter Grandone, Bartlesville, Okla.
Application April 26, 1934, Serial No. 722,522
1 Claim. (Cl. 260—170)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



A pyrolytic process for obtaining a maximum yield of ethylene for any temperature within the temperature range of 750° C.–975° C., from natural gas typified by that obtained from the Amarillo region consisting in limiting the thermal decomposition of the gas to products susceptible of isolation in a stable condition by passing the gaseous particles through a reaction tube at any temperature between 750° C.–975° C. at atmospheric pressure and for a contact period based on the linear relation between the contact time and the log of the temperature expressed in degrees Kelvin, and defined by the formula—

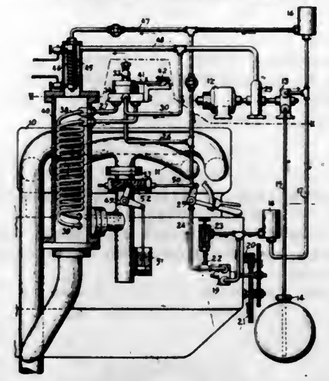
$$\text{contact time in seconds} = \frac{3.1178 - \log_{10} T}{.0378}$$

2,061,599
REFRIGERATING APPARATUS
Lloyd E. Smith, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application October 19, 1934, Serial No. 749,055
18 Claims. (Cl. 62—3)



1. Refrigerating apparatus comprising a refrigerant liquefying unit having a refrigerant low pressure side and a high pressure side, a plurality of evaporators having refrigerant inlets connected to said high pressure side and refrigerant outlets connected to said low pressure side, throttling means on said low pressure side effective to throttle the flow of refrigerant into said liquefying unit when the pressure of the refrigerant from said evaporators falls below a predetermined limit and when it rises above a predetermined limit.

2,061,600
INTERNAL COMBUSTION ENGINE
Millard Cole Spencer, East Orange, N. J., assignor to Crocker-Wheeler Electric Manufacturing Company, Ampere, N. J., a corporation of New Jersey
Application March 7, 1934, Serial No. 714,382
6 Claims. (Cl. 123—133)



1. In combination with an internal-combustion engine, an air-inlet associated therewith, a vaporizer, a conduit with a section passing through the vaporizer for supplying liquid fuel to the engine, means for supplying liquid to the conduit, an air-regulating valve for the inlet, a liquid-regulating valve for the conduit, a connection between the valves for concurrent operation, a spring in the connection, and a dashpot for delaying the operation of the air-regulating valve when the liquid-regulating valve is operated.

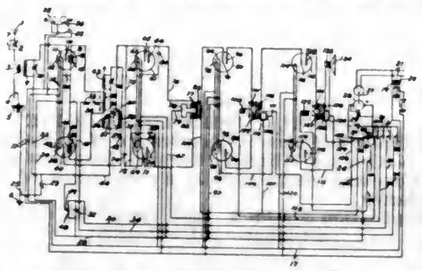
2,061,601
PROCESS OF PREPARING ALCOHOL-AMINE MINERAL OIL SULPHONATES
Karl T. Steik, Elizabeth, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application June 20, 1929, Serial No. 372,529
7 Claims. (Cl. 87—5)

3. The process of preparing alcohol amine soaps of oil-soluble sulfonic acids derived from petroleum, which comprises treating a petroleum oil with strong sulfuric acid to cause sulfonation of certain hydrocarbons in the oil, removing the resultant acid sludge, treating the remaining acid oil with an alcohol amine, and separating the resultant alcohol amine sulfonate soaps from the oil.

2,061,602
AMPLIFYING SYSTEM
Philip John Walsh, San Francisco, Calif.
Application June 2, 1930, Serial No. 458,975
5 Claims. (Cl. 179—171)

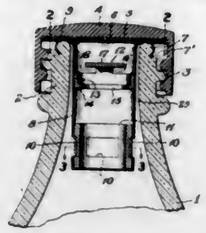
1. In a system of the character described, means defining a pair of electrical paths, means affecting the impedance of one of said paths,

means for supplying a current to each of said paths so that the sum of these currents remains substantially constant, and means for adjustably affecting the impedance of the other of



said paths in a sense opposite to that of the first mentioned path, comprising means responding to the difference in current flow in the two paths, and a tapped resistance connected across said responding means.

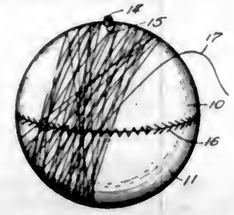
2,061,603
MEANS FOR RENDERING BOTTLES NONREFILLABLE
Walter J. Ward, Lakewood, Charles E. Bauerle, Cleveland, and Ferdinand H. Dalrymple, Bedford, Ohio
Application November 10, 1934, Serial No. 752,442
21 Claims. (Cl. 215—21)



1. Non-refillable bottle means comprising a structure which is assembled as a unit prior to attachment to a bottle and which includes a shell having an end opening and a wall port, said shell being adapted to fit in the neck of a bottle and having means for attachment to the bottle irrespective of the configuration of the inner surface of the bottle neck, a valve element movable within the shell to cover and uncover said port, and a chambered baffle and valve-stop member secured to and within the shell, having its chamber open to communication with the ported portion of the shell, and having an outer tampering-obstructive head portion spaced from the shell wall to provide communication between the chamber of said member and said end opening.

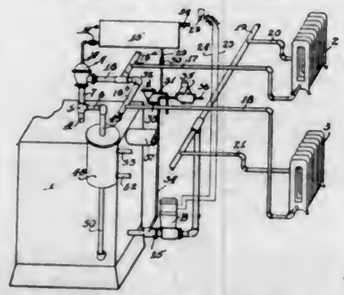
2,061,604
PLAYING BALL
Henry T. Winterbauer, Chicago, Ill., assignor, by direct and mesne assignments, to John T. Clark Company, Chicago, Ill., a corporation of Illinois
Application November 5, 1934, Serial No. 751,619
20 Claims. (Cl. 273—65)

1. The method of making a thin walled inflatable playing ball, comprising; making a hollow inner member of substantially non-stretchable flexible sheet material; expanding said member by a relatively low internal pressure; winding an elongated reinforcement around said member substantially on great circles to substantially cover the same; and curing a rubber cover over said member and reinforcement.



8. A thin walled inflatable playing ball including; a hollow inner member of substantially non-stretchable pre-shaped flexible sheet material; an elongated reinforcement wound around said inner member substantially on great circles substantially covering the same; and a rubber cover over said member and said reinforcement.

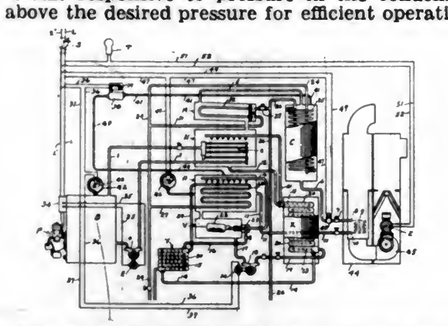
2,061,605
HEAT CONTROL SYSTEM
Howard D. Yoder, Detroit, Mich., assignor to Penberthy Injector Company, Detroit, Mich., a corporation of Delaware
Application October 1, 1934, Serial No. 746,349
5 Claims. (Cl. 237—63)



4. In a hot water heating system, in combination, a boiler, a plurality of radiators, supply and return lines between said boiler and radiators, said supply line between said boiler and radiators being open to the free passage of water at all times during normal operation of the system, a trap consisting of an up-pass and a down-pass and a chamber in said supply line, the parts being so arranged that all water delivered to the trap passes directly to the radiators, means for forcibly circulating water through said system, means in the return line for preventing water circulation through said system when said first mentioned means are at rest, said trap being effective to prevent heat flow in the supply line when circulation of water is stopped, and means for venting vapors from said trap.

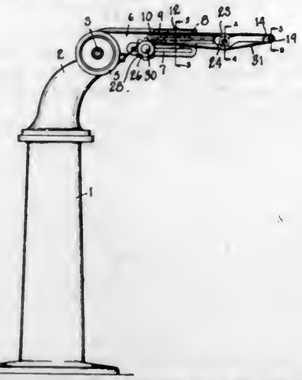
2,061,606
REFRIGERATING APPARATUS
Glenn F. Zellhoefer, Bloomington, Ill.
Application July 20, 1934, Serial No. 736,232
10 Claims. (Cl. 62—5)

2. In an absorption refrigerating apparatus including a heater, a condenser, an evaporator and an absorber, an electrically-driven pump for circulating a solution of refrigerant and solvent through the apparatus, and means in the pump circuit responsive to pressure in the condenser above the desired pressure for efficient operation



of the apparatus to open the pump circuit to discontinue the circulation of the solution.

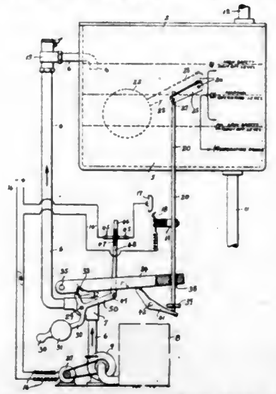
2,061,607
POLISHING MACHINE
Michael B. Andrie, Grand Rapids, Mich., assignor to W. B. Jarvis Company, Grand Rapids, Mich.
Application September 14, 1935, Serial No. 40,533
13 Claims. (Cl. 51—135)



1. In a polishing machine, the combination with a driving pulley and a support therefor, of a bracket on said support and provided with longitudinal slots and a slideway transversely aligned with one of the slots, an arm slidable in said way and provided with a pulley at its outer end and an intermediate pulley, said pulleys on said arm being aligned with said driving pulley, a clamping bolt for said arm disposed in said slot aligned with said way, said clamping bolt having a hand nut, a polishing belt arranged on said pulleys, the pulley at the outer end of said arm being of relatively small diameter to permit slipping of the work to be polished over the end of the arm into operative relation to the polishing belt, and a belt adjusting pulley carried by a spindle adjustably supported in the second slot in said bracket, the spindle being provided with a hand clamping nut at one end and with an adjusting hand piece at the other.

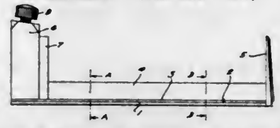
2,061,608
LIQUID SUPPLY SYSTEM
Charles F. Beckwith, Flushing, and Charles Curtis Main, Piermont, N. Y., assignors, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y., a corporation of United States
Application December 18, 1929, Serial No. 414,866
17 Claims. (Cl. 137—68)

1. In a liquid-supply system, a chamber, an inflow pipe connected thereto, including a self-acting valve, latch means to hold the self-acting valve to a predetermined set position, a cam adapted to turn in either direction and cooperating with the latch means to operate the latter,



means connected to the cam and adapted to follow the rise and fall of the liquid in the chamber whereby rise of the liquid turns the cam in one direction and the fall thereof turns it in the other direction to release the latch in either event.

2,061,609
APPARATUS FOR THE MANUAL EXECUTION OF TYPOGRAPHICAL LINES WITH MATRICES
Andrés Bernadí, Buenos Aires, Argentina
Application August 5, 1935, Serial No. 34,791
In Argentina June 26, 1935
5 Claims. (Cl. 199—49)

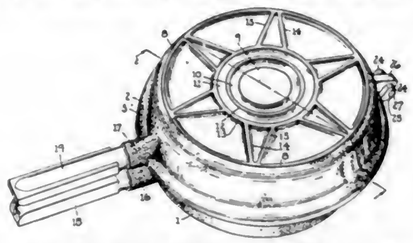


1. Apparatus for the manual execution of typographical lines with matrices, especially those used in line composing and casting machines of the types known as "Intertype", "Linotype" and the like, comprising a rectangular base of steel or the like provided with two successive recesses at the sides thereof forming steps and a projecting longitudinal central guide for supporting the matrices and having at each end a fixed head the inner face of which is perpendicular to the plane of said base, a slidable stop adjacent to the inner face of one of said heads, and means for displacing said slidable stop with respect to said head.

2,061,610
COMBINATION SKILLET STRUCTURE
William A. Burnette, Hartford, Mich., assignor to Cookware Company of America, Hartford, Mich.
Application November 25, 1935, Serial No. 51,439
2 Claims. (Cl. 53—7)

1. A double skillet structure with handles square in cross section, a bottom flanged outwardly at its periphery and containing a semicircular annular groove in its upper surface and a top part flanged at its periphery and bearing a corresponding annular rib to fit said groove, a hinge connection between the parts formed of an integral lug on the lower part bifurcated with

outwardly disposed notches, the top lug part adapted to fit in said bifurcated part and bearing a corresponding hinge member adapted to



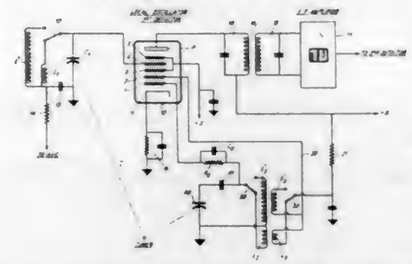
enter between the bifurcations of the lower hinge and provided with a cross pin to separably cooperate with the said outwardly disposed notches.

2,061,611

MULTIRANGE CONVERTER CIRCUITS

Murray G. Clay, Hasbrouck Heights, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application October 20, 1934, Serial No. 749,186
2 Claims. (Cl. 250—20)



1. In a frequency changer network for a superheterodyne receiver, a single electron discharge tube provided with an oscillator electrode section and a detector electrode section, both sections having a common cathode, a tunable signal input circuit connected to the input electrodes of said detector section, a tunable oscillator circuit connected to the electrodes of said oscillator section, said signal circuit including means for tuning it over a pair of widely separated signal frequency ranges, means in the oscillator circuit for tuning it over a pair of correspondingly widely separated oscillator frequency ranges, the circuit elements of the local oscillator circuit having magnitudes such that the oscillator frequency range is above the lower one of said pair of signal ranges when operating in the lower signal range and the oscillator frequency range is below the upper one of said signal ranges when operating in the latter range.

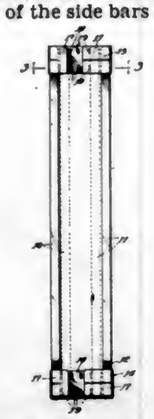
2,061,612

GUIDE FOR MAKING LACE AND THE LIKE

Albert B. Collingbourne, Elgin, Ill.

Application March 30, 1935, Serial No. 13,809
2 Claims. (Cl. 112—9)

1. A guide for making hairpin lace and the like comprising a pair of separate side bars about which loops of thread are slidably arranged, and two separate end pieces detachably engaging the ends of the side bars, each end piece consisting of a strip bent upon itself and forming parallel arms, and having projections on the strip dividing the space between the arms into a plurality of spaces, the ends of the side bars being frictionally



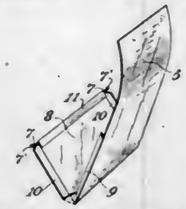
engaged in adjusted positions between said arms and projections.

2,061,613

CONTAINER

William W. Cowgill, Fairfield, Conn., and James Norman Pease, Scarsdale, N. Y., assignors to Sardik Incorporated, Jersey City, N. J., a corporation of Delaware

Application December 23, 1932, Serial No. 648,536
2 Claims. (Cl. 206—41)



1. A container having in combination a flexible strip of material substantially impervious to air and moisture, a pocket formed in said strip, the edge of said strip at the mouth of said pocket being folded inwardly and the surface of said fold adjacent said strip being sealed to said strip so as to close the mouth of said pocket, and means located in said fold for severing said folded edge to open said mouth while leaving the material of said folded edge adhering to the strip of material to provide a reinforcement at said mouth.

2,061,614

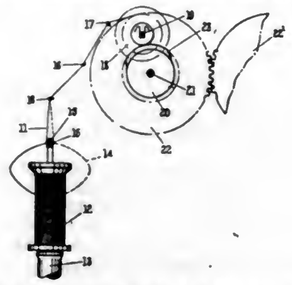
PRODUCTION OF TEXTILE YARNS

William Alexander Dickie and Robert Wighton Moncrieff, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware

Application May 19, 1931, Serial No. 538,486
In Great Britain July 12, 1930
14 Claims. (Cl. 117—22)

1. Crepe yarns having a degree of twist which fluctuates appreciably at short intervals along their length, said yarns being of substantially uniform diameter throughout.

13. Apparatus for the manufacture of crepe yarns, comprising means for causing a yarn to travel from one point to another, means at one of said points for imparting twist at a regular rate to the travelling yarn and means for causing the rate of travel of the yarn as a whole between said points to fluctuate at short intervals so as to pro-



duce a corresponding appreciable irregularity of twist along the length of the yarn.

2,061,615

MANUFACTURE OF ALIPHATIC ACIDS, ANHYDRIDES, AND KETONES

Henry Dreyfus, London, England,

No Drawing. Application January 25, 1933, Serial No. 653,475. In Great Britain February 9, 1932
13 Claims. (Cl. 260—118)

1. The manufacture of oxygenated organic compounds which comprises thermally decomposing a metal salt of an aliphatic acid in the presence of an inert high boiling diluent that is liquid at the temperature of treatment.

12. The manufacture of oxygenated organic compounds which comprises forming a metal salt of a lower fatty acid from an aqueous solution containing the said acid, separating the salt from the solution, removing at least part of its water content and subjecting the salt to thermal decomposition at a temperature between 200° and 450° C. in presence of an inert high boiling diluent that is liquid at such temperatures.

2,061,616

PRODUCTION OF CELLULOSE

Henry Dreyfus, London, England,

No Drawing. Application July 12, 1935, Serial No. 31,098. In Great Britain August 7, 1934
9 Claims. (Cl. 92—13)

1. Process for the manufacture of cellulose from lignin-containing cellulosic materials, which comprises treating the materials at a temperature of at most 150° C. with a 6 to 20% caustic alkali solution under a pressure higher than the vapor pressure of the solution at the temperature employed.

2,061,617

SULPHONIC ACID DERIVATIVES OF ALIPHATIC HYDROCARBONS USEFUL AS WETTING AND CLEANSING AGENTS

Frederick Baxter Downing, Carneys Point, N. J., and Richard Gesse Clarkson, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application April 15, 1932, Serial No. 605,550
3 Claims. (Cl. 260—156)

1. The process for the production of assistants for the textile and related industries which comprises acting on a branched chain olefine containing at least eight carbon atoms and one double linkage at the end of the chain, with a strong liquid sulphonating agent, and treating the product with an alkaline hydrolyzing agent.

2,061,618

SULPHONATED HYDROCARBON DERIVATIVES

Frederick Baxter Downing, Carneys Point, N. J., and Richard Gesse Clarkson, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application May 17, 1932, Serial No. 611,932
14 Claims. (Cl. 260—156)

1. A process for preparing surface active compounds which comprises reacting an unsaturated aliphatic hydrocarbon containing at least 8 carbon atoms and having an unsaturated bond at the end of the chain, with a strong sulphonating agent until a water-soluble sulphonated hydrocarbon oil and a water-immiscible oil are formed when the sulphonation product is heated with a hydrolyzing agent and neutralized, then heating the sulphonation reaction product with a hydrolyzing agent, neutralizing and recovering the water-soluble sulphonated hydrocarbon oil from the hydrolysis product substantially free from the water-immiscible oil.

2,061,619

SULPHONATED ALIPHATIC HYDROCARBON DERIVATIVES, USEFUL AS WETTING AND CLEANSING AGENTS

Frederick Baxter Downing, Carneys Point, N. J., and Richard Gesse Clarkson, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application May 28, 1932, Serial No. 614,290
15 Claims. (Cl. 260—156)

1. In a process for preparing surface active substances, the step which comprises reacting an aliphatic unsaturated hydrocarbon, containing at least 8 carbon atoms and having a double bond at the end of the chain, with a halogen sulphonic acid in the presence of a halogenating catalyst.

2,061,620

SULPHONATED DERIVATIVES OF ALIPHATIC HYDROCARBONS USEFUL AS WETTING AND CLEANSING AGENTS

Frederick Baxter Downing, Carneys Point, N. J., and Richard Gesse Clarkson, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 15, 1932, Serial No. 617,476
8 Claims. (Cl. 260—156)

1. A process for preparing surface active substances, which comprises reacting an aliphatic unsaturated hydrocarbon, containing at least 8 carbon atoms and having a double bond at the end of the chain, with a strong sulphonating agent in the presence of a sulphonating catalyst of the class consisting of inorganic oxides and salts of silver, and hydrolyzing the reaction product.

2,061,621

COLOR STRIPPING PROCESS

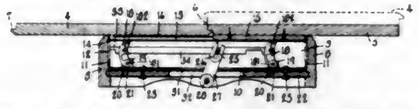
John Gwynant Evans and Henry Alfred Piggott, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application June 4, 1935, Serial No. 24,984. In Great Britain June 12, 1934
18 Claims. (Cl. 8—2)

1. A process of stripping dyes from dyed textile materials which comprises treating the dyed

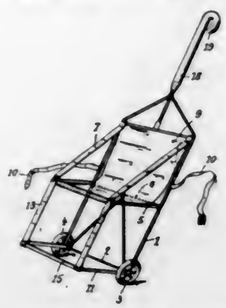
materials with an aqueous solution of a salt selected from the group consisting of quaternary phosphonium and sulphonium salts, one radical in which comprises an aliphatic chain of not less than ten carbon atoms.

2,061,622
EXTENSIBLE TOP TABLE
Daniel F. Ferney, Grand Rapids, Mich.
Application February 23, 1935, Serial No. 7,761
17 Claims. (Cl. 311—67)



15. A table having a top compartment, a top member adapted for vertical movement into and out of said compartment, means for elevating the top member, means for actuating said elevating means, and a lost motion connection between the elevating means and the actuating means whereby an initial free movement of the actuating means is afforded prior to actuation of the elevating means by the actuating means.

2,061,623
FOLDING VEHICLE
Jean Emile Guy, Ville d'Avray, France
Application January 27, 1934, Serial No. 708,592. Renewed October 6, 1936. In France December 11, 1933
2 Claims. (Cl. 280—36)

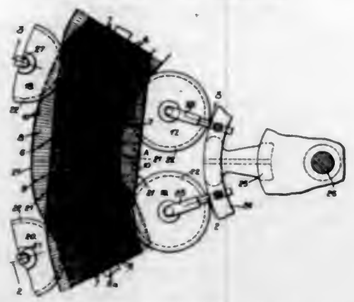


1. A folding carriage which comprises in combination a main flat frame, an axle at the lower part of said frame, two wheels carried by said axle, one at each end thereof, at least one bar adapted to form with said axle a rectangular frame pivoted about said axle, the outer width of said rectangular frame being slightly less than the inner width of said flat frame, a spindle carried by said flat frame, the distance between said axle and said spindle being slightly greater than the length of said rectangular frame so that said latter can be folded into said flat frame, at least a bar adapted to form with said spindle a second rectangular frame pivoted about said spindle, the outer width of said second rectangular frame being slightly less than the inner width of said flat frame so that said second frame can be folded into said flat frame, a piece of canvas fixed at one end to the upper part of said flat frame and at the other end to the front part of said second rectangular frame, so as to form a seat, and two straps, one at each corner of the flat frame, between the upper part of said flat frame and said rectangular frame for limiting the angular displacements of said last named frame in a downward direction, and a handle fixed to the upper part of the vehicle.

2,061,624
SILVER ALLOY
Childress B. Gwyn, Jr., Indianapolis, Ind., assignor, by mesne assignments, to P. R. Mallory & Co., Inc., Indianapolis, Ind., a corporation of Delaware
No Drawing. Application April 12, 1934, Serial No. 720,251
5 Claims. (Cl. 75—173)

1. An alloy consisting of 70 to 80 parts of silver, 6 to 12 parts of copper, 8 to 18 parts of cadmium and 1 to 2 parts of cobalt.

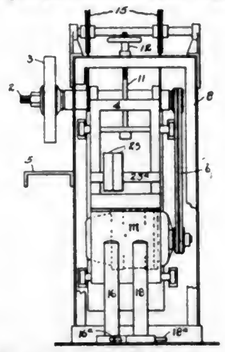
2,061,625
CIRCULAR LOOM
Frank Corbyn Hale and Robert Yeadon, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application January 4, 1935, Serial No. 340
In Great Britain January 18, 1934
2 Claims. (Cl. 139—16)



1. Circular loom shedding mechanism, comprising banks of closely-spaced, individually movable warp thread controlling healds, means for freely mounting and supporting said banks of healds with the healds disposed radially with respect to the loom axis, endless flexible bands contacting with the healds in each bank, and rotatable shedding wheels between which and said banks there is relative circular motion about the loom axis, said wheels being disposed inside and outside the warp circle so as to press with their edges through said bands against healds in different selected banks to propel the healds of different banks lengthwise in opposite directions and to be rotated by said healds by reason of said relative motion, the rotation of the wheels causing their edges to roll against the bands and to propel each heald in turn in each selected bank so that the warp threads controlled thereby are moved out of their normal line.

2,061,626
GRINDING AND POLISHING APPARATUS
Charlie L. Hawes, Ashtabula, Ohio
Application December 22, 1933, Serial No. 703,563
7 Claims. (Cl. 51—166)

1. A grinding and polishing machine, comprising a frame, a grinding or polishing wheel, a shaft for the grinding or polishing wheel, a crosshead for carrying said shaft, a screw-threaded control means in said frame for positioning said cross-head with total freedom of upward movement, means for mounting said cross-head in maintained parallelism in said frame, and means

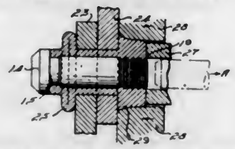


for floatably supporting said cross-head without connection thereto.

2,061,627
MANUFACTURE OF NITRONAPHTHYLAMINES
Herbert Henry Hodgson, Huddersfield, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application May 7, 1935, Serial No. 20,297. In Great Britain May 11, 1934
2 Claims. (Cl. 260—130.5)

2. The method of making a nitro-alpha-naphthylamine which comprises nitrating an alpha-naphthylphthalimide and hydrolyzing the resulting nitro-naphthylphthalimides.

2,061,628
RIVETED STRUCTURE AND METHOD OF MAKING THE SAME
Louis C. Huck, Grosse Pointe Village, Mich., assignor to Huxon Holding Corporation, Detroit, Mich., a corporation of Michigan
Application August 3, 1932, Serial No. 627,343
Renewed August 19, 1935
40 Claims. (Cl. 218—29)

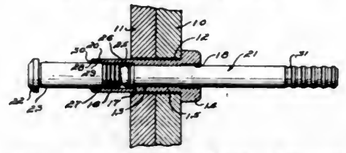


1. The method of riveting which comprises providing a tubular member for insertion through openings in a structure and projection beyond a side thereof, providing a pin for engaging the projected end of the tubular member and which is adapted to pass through the tubular member and beyond its other end, assembling the parts and inserting them in the structural openings, pulling the projecting end of the pin to form a head from the projecting part of the tubular member, and then continuing the pull to break the pin intermediate its ends, and locking the remainder of the pin and the tubular member adjacent the breaking point, prior to occurrence of the break.

37. A method of locking rivet elements together wherein the rivet includes a pin and a tubular element on the pin, which comprises drawing an anvil over the tubular element to contract the element into locking engagement with the pin and then removing the anvil.

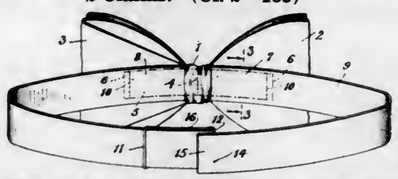
40. The method of locking a tubular element to a pin which comprises drawing a tapered anvil over the tubular element to contract the element tightly about the pin and then removing the anvil.

2,061,629
RIVET
Louis C. Huck, Grosse Pointe Village, Mich., assignor to Huxon Holding Corporation, Detroit, Mich., a corporation of Michigan
Application July 20, 1933, Serial No. 681,362
53 Claims. (Cl. 85—40)



1. A rivet, as an article of manufacture, comprising a tubular member having a portion adapted to be disposed in openings in a structure to be riveted, and a portion of larger inside diameter adapted to project from one side of the structure and to be formed into an annular, bulbed head, a pin extending through the tubular member and beyond the outer end of the projecting portion thereof, means on the pin and spaced from said outer end of the projecting portion of the tubular member for engaging the latter and forming the bulbed head after a predetermined movement of the pin through the tubular member, and means on the pin for radially expanding the first mentioned portion of the tubular member when the pin is initially moved through the latter.

2,061,630
NECKTIE
William A. Keys, New York, N. Y.
Application April 21, 1936, Serial No. 75,516
2 Claims. (Cl. 2—155)

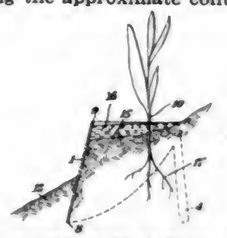


1. In a necktie, a knot portion, wings extending therefrom, an elastic strip secured at the back of the knot portion and having laterally extending ends projecting in back of and covered by the wings, a two-part inelastic neckband having adjacent ends formed with sleeve portions into which the ends of the elastic strip extend and are secured with said sleeves extending over and concealing the elastic strip on opposite sides of the knot while said strip is in an unstretched condition, the other ends of the neckband parts being separably connected together whereby an even tension is placed on the elastic strip at each side of the bow knot when the inelastic neckband is manipulated for placing the tie in position on the collar of the wearer and eliminating handling of the necktie bow.

2,061,631
PLANT PROTECTOR AND SOIL RETAINER
Alfred L. Law, White Plains, N. Y.
Application August 11, 1936, Serial No. 95,313
5 Claims. (Cl. 47—30)

1. A shield for protecting plants, trees and the like against soil erosion and loss of water about

the roots, attack by vermin, and injury during cultivation, comprising a single relatively thin-walled piece of stiff and lasting material, said sheet having the approximate contour of a coni-



cal sector, the lower edge of which is of irregular contour to facilitate thrusting the shield in part directly into the earth about a plant, thereby to retain soil and water about the roots and to protect the plant as aforesaid.

2,061,632
SAFETY PAPER AND THE LIKE

Samuel Lenher, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application July 22, 1932, Serial No. 624,053

38 Claims. (Cl. 91—67.95)

1. Paper and the like having incorporated therein a 1-amino-5-chloro-benzo-thiazole.

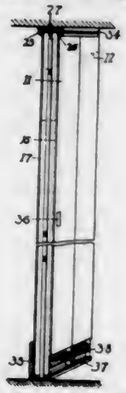
15. The method of rendering paper and the like sensitive to ink eradicating chemicals which comprises incorporating therein a 1-amino-arylthiazole in which the amino nitrogen is directly bonded to the carbon of the thiazole ring and has at least one free amino hydrogen.

2,061,633
WALL SECTION AND WALL ASSEMBLY

John Muller, Brooklyn, N. Y.

Application November 20, 1933, Serial No. 698,780

13 Claims. (Cl. 72—16)



1. A completely finished wall section ready for assembly comprising a surrounding channeled metallic frame, the channeled portion extending inwardly, said frame being filled with a loosely packed hardenable insulation material that is mixed with a cementitious binder, the inwardly extending channeled portion being imbedded in the hardened filler to support the same in the frame, the hardened filler being not reinforced, and a finishing plastered covering for one or both of the outer surfaces of said wall section applied upon the hardened filler and extending outside said frame.

2,061,634
SPRING TOGGLE BOLT

Henry W. Pleister, Westfield, N. J., assignor to Diamond Expansion Bolt Company, Inc., Garwood, N. J., a corporation of New Jersey

Application October 7, 1935, Serial No. 43,991

11 Claims. (Cl. 85—3)



1. In a spring toggle bolt, the combination of a toggle head, and resilient means adapted to first engage with the inner surface or other support, to exert sufficient friction on the said wall to prevent or retard rotation of the toggle head as the bolt is screwed into it, said resilient means being adapted to be forced into an inoperative position as the toggle head is screwed home.

2,061,635
PROCESS OF PRODUCING PARTICULARLY STABLE CONDENSATION PRODUCTS

Kurt Sändig, Zwickau, Germany, assignor to firm The Resinous Products & Chemical Co., Inc., Philadelphia, Pa.

No Drawing. Application November 29, 1932, Serial No. 644,918. In Germany December 7, 1931

12 Claims. (Cl. 260—8)

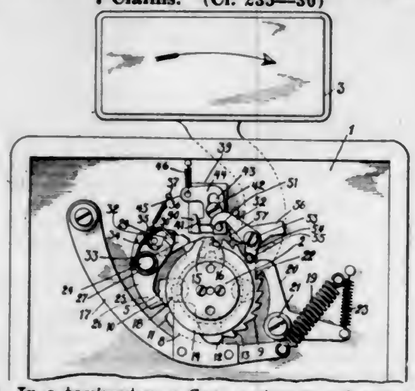
1. A process for purifying condensation products of the alkyd resin type, comprising dissolving both the desirable and undesirable components of the unpurified product in 1–3 times the amount of an alcoholic solvent under the influence of heat, cooling the solution until it separates into two layers, and recovering the purified dissolved condensation product from the lower layer.

2,061,636
FLAG LOCK

Oliver G. Saunders, Dayton, Ohio, and George A. Christ, Jamaica, N. Y., assignors, by mesne assignments, to Central United National Bank, Cleveland, Ohio, as trustee

Application September 23, 1931, Serial No. 564,596

7 Claims. (Cl. 235—30)



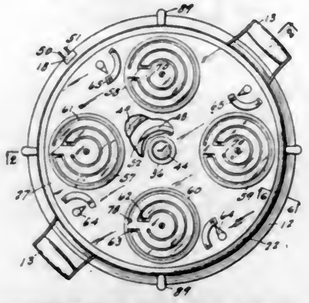
1. In a taximeter, a flag, a stop member rotatable therewith, a slide provided with a stop shoulder, a fixed member, said stop member engaging said shoulder on said slide and moving said slide into engagement with said fixed member so as to limit movement of the flag at its home position, means to release said slide by the operation of the flag, means to withdraw said slide out of the path of movement of said stop member and means whereby said flag is again arrested in approximately its home position.

2,061,637
SELF-SERVE HOT PLATE

Otto H. Schulz, Oakland, Calif.

Application June 22, 1936, Serial No. 86,543

8 Claims. (Cl. 219—19)



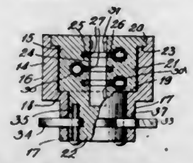
1. In combination, a casing, a hot plate including a plurality of heating units and rotatably mounted in said casing, a heating circuit and a lighting circuit, means for rotating said hot plate, current control means for each unit, said hot plate being freely removable at will from said casing, disrupting said circuits on removal and completing said circuits on replacement, and a combined removal knob and lamp socket axially mounted on said hot plate.

2,061,638
LOCK

Samuel Segal, New York, N. Y.

Application June 23, 1932, Serial No. 618,869

3 Claims. (Cl. 70—14)



1. In a locking device, the combination of, a casing having a portion including opposed openings, a barrel rotatably disposed within said casing and having an annular groove, tumbler means to prevent rotation of said barrel relative to said casing, and opposed latch members each having an inner portion pivotally sustained in said groove, said barrel adapted to receive a key for operating said tumbler means to permit rotation thereof, an outer portion of each of said latch members coacting with said casing during rotation of said barrel in one direction to project through and beyond one of said openings.

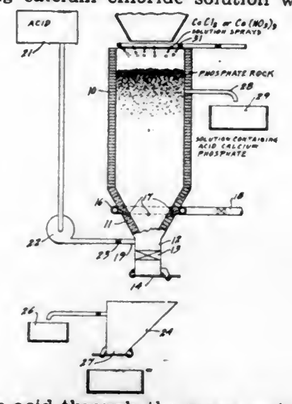
2,061,639
DIGESTING PHOSPHATE ROCK

Warren R. Seyfried, Birmingham, Ala.

Application December 12, 1934, Serial No. 757,101

4 Claims. (Cl. 23—109)

1. The method of digesting phosphate rock which comprises passing liquid hydrochloric acid upwardly through a confined mass of unground phosphate rock, causing the resulting solution containing calcium phosphate and calcium chloride to overflow from the upper part of the mass, recirculating calcium chloride solution with the



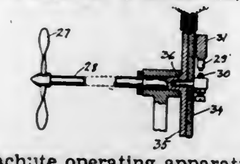
hydrochloric acid through the mass, periodically removing insoluble matter from the bottom of the mass, and supplying unground rock to the top of the mass to replace that reacted upon by the acid.

2,061,640
PARACHUTE FOR AIRPLANES

Benjamin Slipikas, Brooklyn, N. Y.

Application September 9, 1933, Serial No. 688,703

2 Claims. (Cl. 244—21)



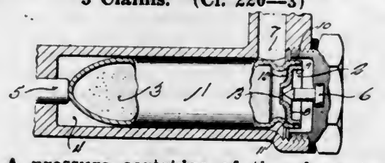
1. A parachute operating apparatus for use on a flying machine said apparatus comprising a power operated winding mechanism for the parachute shroud lines, a shaft adapted to be supported on said flying machine and to extend outwardly through the fuselage and having a wind motor mounted thereon, an automatically operating device for controlling the operation of said winding mechanism, said device comprising centrifugally operated means to apply power to said winding mechanism to unwind said shroud lines upon a predetermined reduction in air speed and consequent reduction of speed of said air motor substantially as and for the purpose set forth.

2,061,641
PRESSURE CARTRIDGE

Guy L. Tinkham, Detroit, Mich., assignor to McCord Radiator & Mfg. Co., Detroit, Mich., a corporation of Maine

Application June 22, 1934, Serial No. 731,795

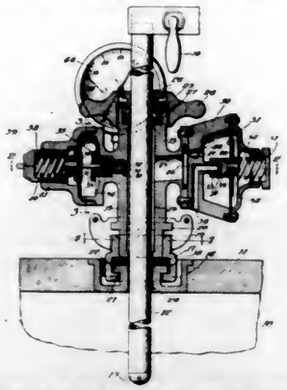
3 Claims. (Cl. 220—3)



1. A pressure cartridge of the character described, comprising a metal shell containing a

pressure charge for the cartridge, a metal cap closing the end of the shell through which the pressure charge is inserted into the shell, and a gasket between the cap and the shell, said cap being pressed into the shell against the gasket and having a marginal wall welded to the shell beyond the outer edge of the gasket to fixedly secure the cap to the shell against displacement by the pressure charge within the shell and to seal the joint between the cap and the shell against leakage of the pressure charge from the shell.

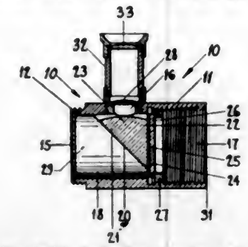
2,061,642
PRESSURE CONTROL MECHANISM FOR DRAFT TUBES
Henry C. Williamson, Chicago, Ill., assignor to The Beckley-Ralston Co., Chicago, Ill., a corporation of Illinois
Application February 14, 1935, Serial No. 6,460
5 Claims. (Cl. 225—3)



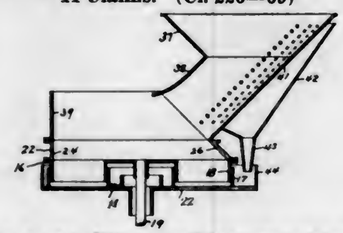
1. A beer tap and control mechanism comprising a housing adapted to be connected with a beer container, a draft tube extending through the housing and adapted to enter the beer container, the tube and housing being spaced apart to form an annular chamber closed at one end and adapted to communicate at its other end with the beer container, a chamber in the housing communicating with the beer container externally of the draft tube, a gas intake for said chamber, valve mechanism in the chamber controlling the supply of gas to the beer container, a second chamber in the housing having a valved exit to the atmosphere, a relatively large screened passageway and a relatively small, valve-controlled passageway communicating with each other and located between said second chamber and the annular chamber.

2,061,643
VIEWING ATTACHMENT FOR CAMERAS
Arthur Wolff, Chicago, Ill.
Application April 20, 1936, Serial No. 75,267
3 Claims. (Cl. 88—1.5)

1. A viewing attachment for motion picture cameras having a threaded lens receiving socket, comprising a tubular body having a lateral aperture and a threaded end for connecting to said socket, means for closing said threaded end, a light reflecting surface angularly disposed in said tubular body below the lateral aperture so that light entering the open end will be reflected upwardly through the lateral aperture, a mask adjoining said light reflecting surface and having an aperture of the same size as the picture normally projected on the film strip, a translucent image fixing member adjoining said mask on to which rays of light are directed, a photographic lens mounted in the open end of said tubular body, a crystal secured air-tight in said lateral aperture and causing said light reflecting surface to be maintained in an air-tight compartment in said tubular body, and a viewing tube removably mounted in said lateral aperture and above said crystal and having a magnifying lens in alignment with the lateral refracting surface of said prism for displaying to view from the exterior of the camera the image on said ground glass as it appears directly along the axis of said photographic lens.



2,061,644
CAN FILLING MACHINE
Charles H. Ayars, Salem, N. J., assignor to Ayars Machine Company, Salem, N. J., a corporation of New Jersey
Application September 23, 1935, Serial No. 41,652
11 Claims. (Cl. 226—69)

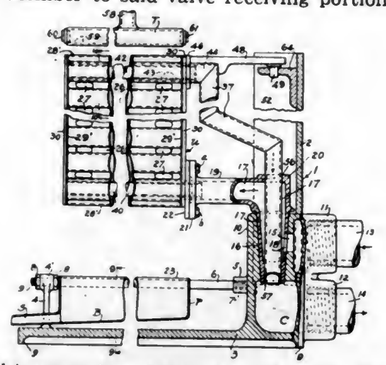


1. In a can filling machine comprising upper and lower horizontally disposed rotatable turrets with telescoping measuring cups thereon, a hopper having its open upper end offset vertically from said turrets and having an angularly disposed funnel portion for directing material placed therein onto said upper turret, said funnel being so disposed that substantially spherical objects will roll across the turret and enter the cups opposite the base of the funnel while pulpous matter will fill into said cups at the mouth of the funnel.

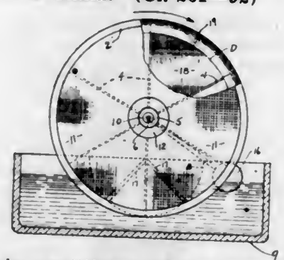
5. In a machine for filling cans with juicy material, comprising adjustable measuring cups and an agitator for shaking pulpous material into said cups for deposit in the cans, a juice pan around the cups, a hopper having means for straining the juice and directing same into said pan, and means in said pan operated by said machine for supplying cans with measured quantities of said juice.

2,061,645
HEAT EXCHANGER
Emil Behringer, Richmond Hill, N. Y.
Application September 19, 1935, Serial No. 41,216
18 Claims. (Cl. 257—179)

1. The combination with a heat exchanger comprising a cooler unit having longitudinally connected ducts and baffles and a valve having a common inlet and outlet therefor, of a base member, an upright, valve receiving portion at one end thereof, struts connecting one end of said base member to said valve receiving portion, an upright support on said valve receiving portion and a pivot means between the upper end of said upright support and said heat exchanger, said pivot being located on the axis of said valve and valve receiving portion.

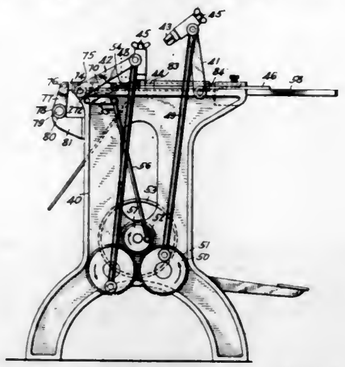


2,061,646
AIR CONDITIONER
Neeta M. Belden, Wichita, Kans.
Application March 27, 1935, Serial No. 13,263
1 Claim. (Cl. 261—92)



In an air conditioner of the class described, comprising a rotor having a hub, spokes and rim, also a woven wire screen for each side of the rotor, an intermediate series of screens, one of each positioned between the spokes in consecutive order, the outer peripheral edge of the screens being spaced from the inside of the rim, dippers secured to the inside of the rim and centrally positioned to the spokes, a cup at the mouth of each dipper, the cup having a slot to receive the edge of the said intermediate screens respectively, each spoke having a marginal portion, each edge thereof bent obliquely to the same side of the spoke forming a trough, said spoke to function as an impeller to turn the rotor, when placed in the path of a current of air, a spindle receivable by the hub and means to retain the same therein, the spindle having a right angle bend where it leaves the hub, functioning as a standard, a plate to which the standard is secured and having a return bend on its edge transverse to the standard functioning as a hook, the plate having a rib oppositely extending from the hook, there being one rib obliquely extending from each side of the longitudinal center of the plate, a container for fluid, the said container having four walls, the rims of which are in straight alignment from corner to corner, the said plate being adapted to seat against the inside of one of the walls and supported thereto by its return bend engaging on the adjacent rim of the wall, by which means the rotor is removably supported and positioned in working relation to the container and partially submerged in fluid contained in the container during rotation of the rotor, a buoyant brake comprising an arm and a float, one end of the arm rockable on the spindle, the other end secured to the float, by which means, when the fluid is consumed excessively, the float will lower to engagement between the side of the rotor and rib on the plate, functioning as a brake for the rotor.

2,061,647
ART OF AND MEANS FOR CUTTING LEATHER
Emanuel Berkowitz, Brooklyn, N. Y.
Application April 23, 1932, Serial No. 607,055
10 Claims. (Cl. 164—19)



1. In mechanism of the character described, a knife provided with a cutting edge of predetermined shape, means for oscillating said knife alternately in opposite directions for cutting parts of predetermined shape from a strip of leather, an aligning stop for said strip arranged at the rear of the machine, and means arranged at the front of the machine and operatively connected to said stop for adjusting the stop forwardly and rearwardly during operation of the knife including an adjusting handle, and spring-pressed means for normally maintaining said handle in its adjusted position, said means permitting the operator to vary the width of the parts cut from the strip in accordance with the varying thicknesses of the strip and the defects therein.

2,061,648
METHOD OF MAKING ALLOY
John W. Bolton, Hamilton, and Sylvester A. Weigand, Cincinnati, Ohio, assignors to The Lunkenheimer Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Original application May 11, 1933, Serial No. 670,516. Divided and this application November 22, 1933, Serial No. 699,200
8 Claims. (Cl. 148—21.2)

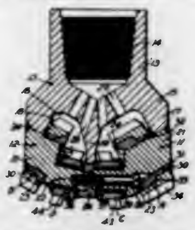
1. In a method of manufacturing an alloy, casting the alloy with from 1.75 to 3.25 percent silicon and with nickel and copper in approximately equal ratios, reducing its hardness by heating it at from 1350 to 1600 degrees Fahrenheit for 45 minutes or more, quenching it, machining it and restoring or increasing its hardness by heat-aging it at from 900 to 1200 degrees Fahrenheit for approximately 8 hours and then cooling it.

2,061,649
VENT PLUG FOR STORAGE BATTERIES
Stanley T. Campbell, Cleveland, Ohio, assignor to The Aetna Rubber Company, Cleveland, Ohio, a corporation of Ohio
Application November 17, 1934, Serial No. 753,497
8 Claims. (Cl. 40—2)



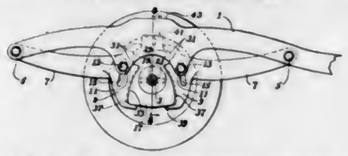
4. A vent plug comprising a hard molded body portion having a lower threaded part and an enlarged upper part with a chamber therein, an internal shoulder formed adjacent the periphery at the top of the body portion, and a separate closure for the top consisting of a substantially flat stiff disk having display matter thereon, said disk being seated on said shoulder and held frictionally tight thereon by the adjacent part of the body portion but turnable to adjust the position of the disk so as to align the display matter on the disk, the wall of the body portion above the shoulder being slightly undercut and the periphery of the disk having its edge beveled to conform to said undercut, said disk having one or more openings for venting purposes and to receive a tool by which the disk may be turned.

2,061,650
ROLLER BIT
Alfred C. Catland, Alhambra, Calif., assignor to Globe Oil Tools Company, Los Nietos, Calif., a corporation of California
Application December 6, 1933, Serial No. 701,142
18 Claims. (Cl. 255—71)



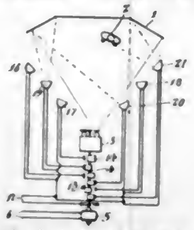
1. A well bit including a body having two recesses in its lower end, inclined members rigidly attached to the body and extending across the recesses, cutters in the recesses rotatable on the members, and means connecting the inner ends of the members, said means including a screw extending through an opening in one member and threaded into the other member.

2,061,651
VEHICLE SPRING
Clas William Clauson, Brookline, Mass.
Application October 23, 1935, Serial No. 46,284
7 Claims. (Cl. 267—21)



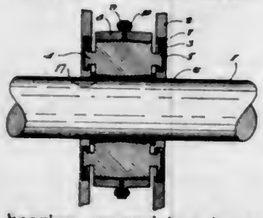
1. A vehicle spring suspension comprising in combination an axle, a wheel concentric with the axis thereof, toggle arms having their opposed ends spaced apart, a rubber element interposed between the opposed ends of such arms, and means holding the axle within the rubber element.

2,061,652
METHOD OF CINEMATOGRAPHY AND APPARATUS FOR USE THEREIN
Trimble de Roode, New York, N. Y.
Application March 23, 1931, Serial No. 524,739
Renewed May 15, 1935
18 Claims. (Cl. 88—16.6)



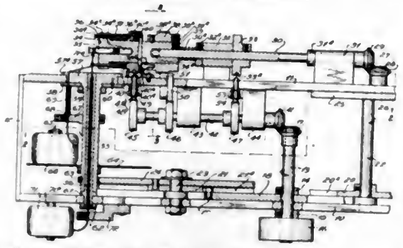
1. In a method of cinematography, the steps of intermittently advancing a strip film, taking a plurality of photographs of an object by a rapid succession of photographic exposures on said film during periods of rest thereof, and varyingly illuminating the object during such photographing in timed relation to the photographic exposures by illumination from a plurality of illuminating sources operated alternately.

2,061,653
ANTIFRICTION BEARING
Allen J. French, St. Paul, Minn.
Application June 27, 1932, Serial No. 619,364
1 Claim. (Cl. 308—206)



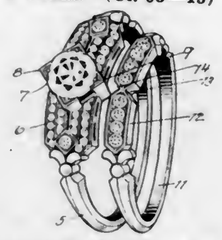
A shaft bearing comprising in combination with a rotatable shaft and a sleeve closely surrounding said shaft, with the outer periphery of said sleeve hollowed toward the center of the sleeve; of a plurality of rollers of greater cross-section at the center than toward the ends whereby to form peripheries fitted to the periphery of the sleeve, each of said rollers having an extension on each end thereof co-axial with said rollers and having the outer ends thereof provided with a circular, headed portion of enlarged diameter, a pair of plates mounted one on each side of said rollers and surrounding said shaft, each of said plates having an annular recess therein concentric with said shaft and adapted to receive the headed portions of said roller extensions, a plurality of freely rotating disks mounted in said annular recesses in said plates and positioned to rollingly support the headed portions of said extensions within said annular recesses in said plates, and a ring positioned intermediate of said plates and surrounding said rollers, said ring being in contact with said rollers and being unconnected with said plates so as to freely rotate with said plates, said ring being inwardly hollowed to fit the center enlargement of said rollers.

2,061,654
MACHINE FOR MAKING VALVE STEM BASES
William F. Goff, Akron, and Ewald F. Tobold, Cleveland, Ohio, assignors to The Dill Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application February 17, 1936, Serial No. 64,210
15 Claims. (Cl. 28—1)



1. A machine for fashioning a cord base directly on the end of a valve stem comprising means for forming a plurality of radially extending cord loops having their inner ends wrapped about the valve stem, and means for interconnecting the outer ends of said loops with a circumferentially extending cord turned a plurality of times about the outer end of each loop.

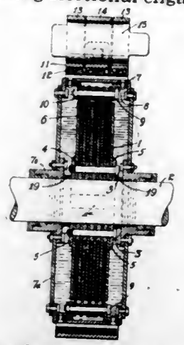
2,061,655
RING
Joseph Granat, San Francisco, Calif.
Application April 13, 1936, Serial No. 74,168
1 Claim. (Cl. 63—15)



In a ring ensemble of the character described, a pair of rings adapted to be placed in axial alignment one with the other, one of said rings having a stone bearing setting rectangular in shape and angularly disposed with relation to the sides of said ring, whereby said setting projects from the sides of said ring, the top of said setting being in the same plane as the outer periphery of the other of said rings, the other of said rings having indentations on the sides thereof to engage the projecting setting of the adjacent ring, both sides of each of said rings being identical in their individual contour.

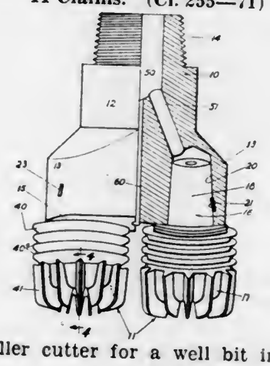
2,061,656
DECELERATOR
Charles C. Guthrie, Pittsburgh, Pa.
Application July 11, 1931, Serial No. 550,057
1 Claim. (Cl. 188—90)

In a high speed self-propelled vehicle such as an automobile, a decelerator adapted to be mounted upon a longitudinally extending drive shaft of such automobile, annular hub portions securely mounted on said shaft, a series of discs, a plurality of annular spacers between each disc of a series adjacent their centers, locking bolts adapted to extend through said hub portions and through said discs and spacers for securing them as an assembly to said shaft for rotation therewith, a housing concentric with said shaft and rotatable with respect thereto. a plurality of angle elements mounted upon said housing and extending inwardly therefrom, a second series of discs securely mounted on said angle elements circumferentially of said housing, a plurality of spacers between each of said discs adjacent said angle elements, means securely mounting said second series of discs and said last mentioned spacers adjacent their outer circumferences upon said angle elements for rotation with said housing the discs of each series having a spaced and parallel relationship with respect to each other and also having an interleaving relationship with respect to discs of the other series, said first-mentioned series of discs being maintained in a spaced relationship with respect to said second-mentioned series for preventing frictional engagement there-



between, a body of viscous fluid interposed between and disposed about said interleaving discs, so that a rotation of one series may be opposed through the viscosity resistance of said fluid by the other series of discs, the spacing between said discs being sufficiently small to afford a maximum resistance of the fluid to the rotation of each disc with respect to adjacent opposed discs, the thickness of both series of discs being greater than the spacing between adjacent discs, so that the discs may withstand the increased pressures involved, brake means cooperating with said housing for variably holding it against rotative movement with respect to said shaft, so that the viscosity resistance of said fluid may decelerate the rotation of said shaft in accordance with a speed resistance curve.

2,061,657
WELL BIT
John H. Howard, Huntington Park, Calif., assignor to Globe Oil Tools Company, Los Nietos, Calif., a corporation of California
Application May 13, 1933, Serial No. 670,845
11 Claims. (Cl. 255—71)



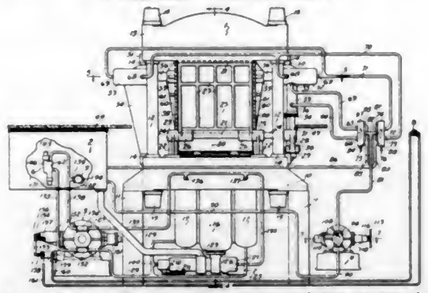
1. A roller cutter for a well bit including, a

body, cutting parts projecting from the lower end of the body, and a series of spaced annular circumferential cutting parts of substantially equal diameter on the body above the first mentioned parts, the first mentioned cutting parts and the second mentioned cutting parts having their cutting edges spaced substantially the same distance from the longitudinal axis of the body.

2,061,658
HYDRAULIC COMPRESS

Leslie S. Hubbert, Edison, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del., a corporation of Delaware

Application July 17, 1933, Serial No. 680,711
7 Claims. (Cl. 100—19)

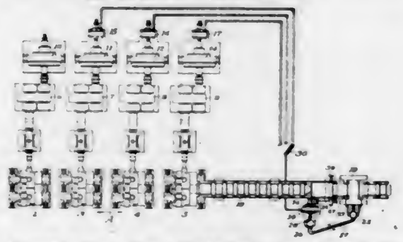


4. A hydraulic compress comprising a stationary press head, a hydraulically movable platen, reciprocable end closure members for said compress, hydraulic rams for reciprocating said end closure members, horizontally pivoted side closure members, and a hydraulic motor for closing said side closure members.

2,061,659
APPARATUS FOR SHEARING

Lorenz Iversen, Pittsburgh, Pa., assignor to Mesta Machine Company, Pittsburgh, Pa., a corporation of Pennsylvania

Application July 22, 1932, Serial No. 623,930
13 Claims. (Cl. 80—3)



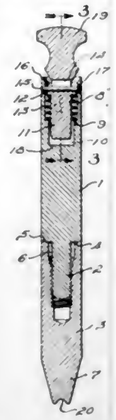
8. Apparatus for shearing metal strip to length comprising a pair of rolls adapted to feed the strip, a synchronous electric generator operatively connected to the rolls so as to run at a speed having at any one time a fixed relation to the speed of the rolls, a shear adapted to cut the advancing strip into lengths, a synchronous motor for driving the shear and electrical connections between the generator and the motor whereby the shear is driven in a desired speed relation with the rolls.

2,061,660
RIVETING TOOL

Louis P. Kamosis, Detroit, Mich.

Application December 2, 1935, Serial No. 52,492
1 Claim. (Cl. 78—46)

In a riveting tool, a head, a body portion, means connecting the head and body portions, the body portion being provided with a recess in the end opposite the head, said recess being provided with a continuation of smaller diameter, an annular transverse shoulder between the recess portions of smaller and larger diameter, a pin extending through the head diametrically across the larger portion of the recess, one end of the pin being journaled in one side of the body portion and the other end of the pin being threaded into the other side of the body portion to allow the parts to be disassembled, a plunger provided with a slot therethrough, said pin extending through the slot and the slot being of sufficient width to

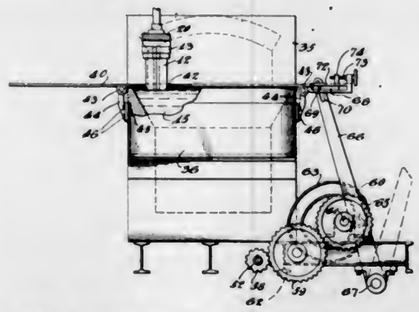


allow longitudinal movement of the plunger on the pin, an annular flange on the plunger beneath the pin, a coiled spring positioned about the plunger between the annular flange and the annular shoulder in the body portion, the plunger terminating above the bottom of the smaller recess portion and the spring urging the plunger outwardly to engage the bottom of the slot therein against the pin, the arrangement being such that the distance between the pin and the top of the plunger slot is slightly greater than the distance between the bottom of the plunger and the bottom of the smaller recess portion.

2,061,661
COVER FOR MOLTEN GLASS CONTAINERS

Clarence C. Kinker, Alton, Ill., assignor to Owens-Illinois Glass Company, a corporation of Ohio

Application August 15, 1934, Serial No. 739,872
Renewed May 14, 1936
8 Claims. (Cl. 49—5)

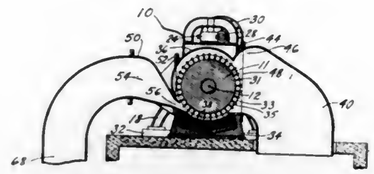


1. The combination of a container for molten glass presenting a gathering area, a cover plate extending over said area, said cover plate having an opening therein through which an implement may be projected into the glass, and automatic means for periodically reciprocating the cover plate horizontally.

2,061,662
PULP REFINING APPARATUS

William V. Knoll, Dayton, Ohio, assignor to Mid-West-Fulton Machine Company, Dayton, Ohio

Application March 14, 1935, Serial No. 11,093
3 Claims. (Cl. 92—20)

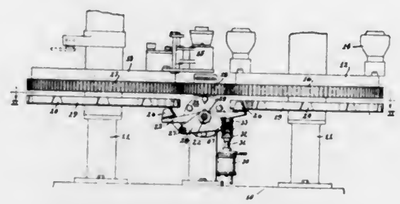


1. The method of refining pulp in a beater engine having a rotatable bladed roll and a stationary bladed bedplate, which comprises raising a stream of said pulp to a velocity substantially as high as the peripheral speed of said roll then directing it against said roll substantially tangential thereto and at the edge of said bed-plate.

2,061,663
DRIVING MECHANISM FOR GLASSWARE FORMING MACHINES

Albert G. Lauck, Alton, Ill., assignor to Owens-Illinois Glass Company, a corporation of Ohio

Application July 13, 1935, Serial No. 31,218
9 Claims. (Cl. 49—9)



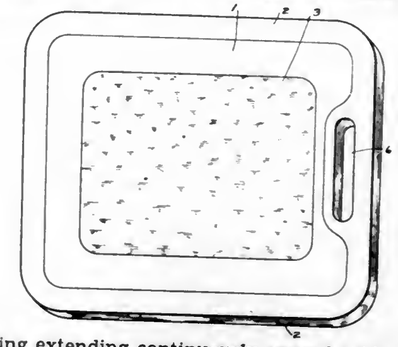
1. In combination, a pair of mold tables arranged side by side for rotation about separate vertical axes, means for imparting rotary motion to the tables including a pair of fluid operated piston motors, table engaging mechanism arranged between the piston motors and actuated by operation of the latter one at a time, and means forming a part of said mechanism and operable to effect engagement between said mechanism and the tables in alternation.

2,061,664
SANITARY CREPE RUBBER CUSHION

Edward K. Lincoln, Fairfield, Conn.

Application December 16, 1935, Serial No. 54,702
3 Claims. (Cl. 155—182)

2. A cushion comprising a relatively porous rubber pad of substantial thickness having a recess in the upper surface, a relatively stiff non-absorbent pad in said recess, and a reinforcing

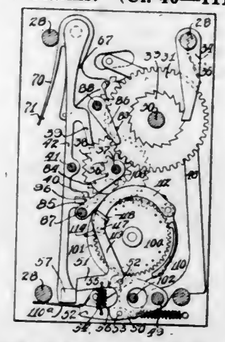


binding extending continuously around said rubber pad.

2,061,665
HOROLOGICAL DEVICE

Johan Machek, Waukegan, Ill.

Application November 9, 1935, Serial No. 48,949
7 Claims. (Cl. 40—111)



1. In a device of the character described a cam member adapted to make a complete revolution each month, a first gear, a second gear, said gears being coaxially mounted for limited relative rotation and elastically coupled, date indicating indicia successively indicated in response to the movement of said first gear, a releasable detent normally retaining said first gear against movement, pawl means for advancing said second gear each revolution of said cam, and means responsive to the movement of said cam for releasing said detent subsequently to the advancement of said second gear, whereby the indicated indicium is changed with a snap action.

6. In a horological device, a movable member carrying indicia corresponding to the respective days of a calendar month, and escapement means comprising an oscillatable pallet arm for controlling the movement of said member, a pair of latching jaws normally operable to release said arm for single indicium changes, and means for augmenting the operation of said jaws to release said arm for plural indicia changes.

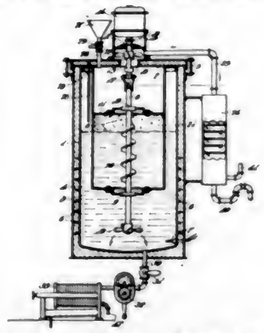
2,061,666
OIL PURIFIER

James R. Miller, Pittsburgh, Pa., assignor, by mesne assignments, to Bocjl Corporation, Pittsburgh, Pa., a corporation of Delaware

Application January 2, 1931, Serial No. 506,169
Renewed January 12, 1934
3 Claims. (Cl. 196—16)

1. An oil purifier comprising a tank for oil

adapted to be filled to an intermediate level, means for heating said oil, a vertical shaft in said tank, an agitator for said oil mounted on



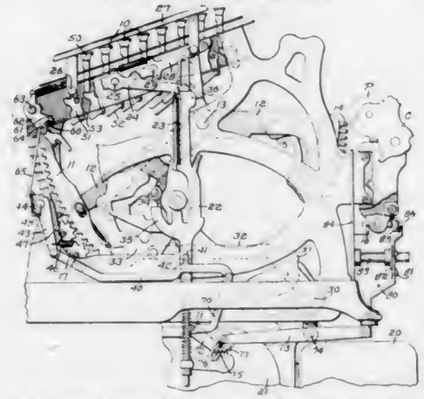
said shaft, means for supplying air adjacent to the surface of said oil, an impeller for vapor on said shaft above the level of the oil and means for driving said shaft.

2,061,667

CALCULATING MACHINE

Robert L. Muller, Detroit, Mich., assignor to Burroughs Adding Machine Company, Detroit, Mich., a corporation of Michigan

Application November 20, 1933, Serial No. 698,768
7 Claims. (Cl. 235—60)



1. A machine of the class described having a traveling paper carriage, normally inactive blocking means preventing operation of the machine, means controlled by said paper carriage for moving said blocking means to active position and placing it under tension tending to move it out of active position, and a plurality of enforced designation devices controlling the final movement of said blocking means whereby when all said enforced designation devices have been manipulated said blocking means will move to release the machine.

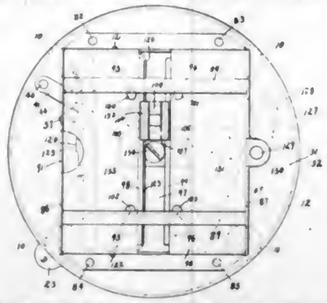
2,061,668

CARD DEALING AND SHUFFLING MACHINE

George William Nelson, Cleveland, Ohio

Application November 13, 1935, Serial No. 49,516
12 Claims. (Cl. 273—149)

1. A playing card dealing and shuffling device comprising a base, cams on the base, means for receiving a deck of cards pivotally mounted on the base, a fixed platform in the aforesaid means having a longitudinally extending guide way therein and upstruck bosses thereon, a reciprocating card ejecting means comprising a yielding card engaging means slidably mounted in the guide way, the card ejecting means being actuated by a crank arm engaging the cams on rotation of the card receiving means on the base, the upstruck bosses adapted to maintain the deck of cards in spaced relation with the platform, gages above the bosses effective to arrest the ejection of more than a single card from the deck, a



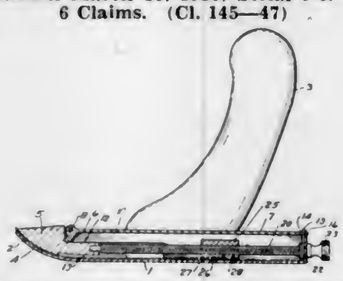
toothed wheel having within the wheel intermitting means, a pivotally mounted lever in the card receiving means below the platform adapted to effect relative movement between the intermitting means and the yielding card engaging means, and a ratchet instrumentality automatically controlled to render the toothed wheel operative to bring the intermittencies therein into and out of operative relation with lever thus producing the intermittencies of the card engaging means in the card ejecting means during its reciprocations.

2,061,669

FLEXIBLE BLADE SCRAPER

Gustav A. Orman, Brooklyn, N. Y.

Application March 10, 1936, Serial No. 68,022
6 Claims. (Cl. 145—47)



2. A scraper of the type using a relatively thin flexible scraping blade comprising a casing consisting of a relatively flat rectangular shaped box with the base curved upward at one end, a holding member with a curved under surface corresponding to the curved end of the base of the casing, means clamping said holding member against a blade held between the holding member and casing, and means adjusting the blade mounted therein from the exterior of the casing.

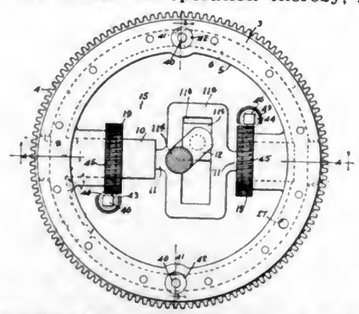
2,061,670

HYDRAULIC MECHANISM

Pies Patterson, Dayton, Ohio, assignor to Elmer Rauh, Dayton, Ohio

Application August 12, 1935, Serial No. 35,697
14 Claims. (Cl. 192—60)

1. In a hydraulic coupling, a hollow flywheel having therein a central fluid chamber, an encircling annular fluid passageway and cylinder means connected at one end to said chamber and at the other end to said passageway, piston means and piston rod means operating in said cylinder means, and a driven shaft connected to said piston rod means for operation thereby, means



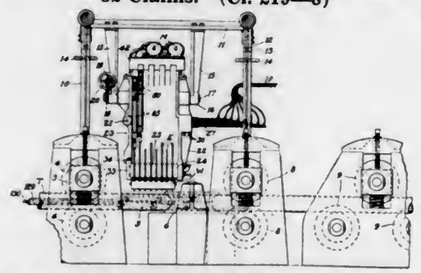
for regulating the movement of the fluid in said passageway to regulate the speed of said driven shaft and means operated by relative movement between said flywheel and said driven shaft for maintaining the quantities of fluid in said chamber and said passageway constant.

2,061,671

APPARATUS FOR WELDING

Ernest Riemenschneider, Cleveland, Ohio, assignor to The Midland Steel Products Company, Cleveland, Ohio, a corporation of Ohio

Application June 15, 1931, Serial No. 544,456
32 Claims. (Cl. 219—8)



20. A welding apparatus comprising a frame having downwardly converging sides and end members depending below the latter, a control body supported by said end members, a welding head suspended from said body, electrode holders mounted on the converging sides of said frames, electrodes adjustably mounted in said holders and extending in converging relationship into said welding head, a shaft extending longitudinally of the frame, an individually rotated worm for each pair of electrodes on said shaft, a motor for rotating each worm, said motors being mounted upon said frame in staggered relationship, gear means engageable with opposite sides of each worm and operatively connected with each pair of electrodes for adjusting the same, and clutch means associated with the gear means for selectively disengaging the latter from the motor driven worm for individual manual adjustment of the individual pairs of electrodes.

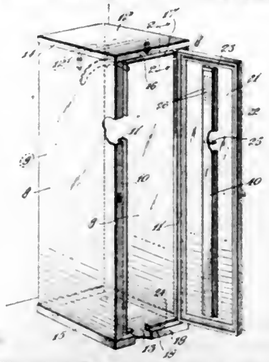
2,061,672

MOTHPROOF METAL CLOTHES CABINET

Herman Ringel, Newark, N. J.

Application April 18, 1935, Serial No. 16,982
3 Claims. (Cl. 312—141)

2. A cabinet for storing and protecting clothing from dust and insects, having side walls and the top and bottom members provided with right-angularly directed flanges forming a front wall with a door opening, and said flanges bent to provide a continuous rectangular channel of U-shaped cross-section about said door opening, a door hinged to a flange of one of the side members, said door having a continuous right-angled,



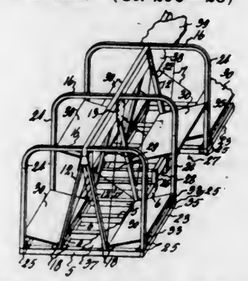
inwardly directed flange adapted to be positioned in the continuous channel and to abut the inner wall thereof when the door is closed, and a strip of material on the inside of the door spaced from the door flange adapted to engage the free edge of the wall of the continuous channel to provide a substantially air-tight seal when the door is closed.

2,061,673

TRAILER VEHICLE

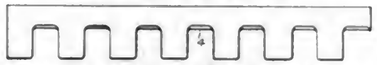
Harold H. Robinson, Coral Gables, Fla., assignor to Curtiss Aerocar Company, Inc., Coral Gables, Fla., a corporation of Florida

Application September 11, 1933, Serial No. 688,912
1 Claim. (Cl. 296—28)



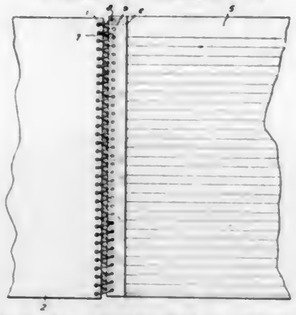
A semi-trailer vehicle, the backbone of which is a combined load carrying and draft sustaining girder, prismatic in form and of triangular cross section, said girder being made up of two longitudinal side trusses sloping toward one another vertically; having a common upper chord and spaced apart lower chords joined together by transverse beams, each of said trusses including posts connected between the lower chords and the upper chord together with diagonal tension members in the panels formed by said posts, a plurality of shelf-supporting members projecting outwardly from each of the sloping side trusses of said girder for carrying the load of said vehicle, running wheels for said vehicle hung from the base of said girder and means providing a draft connection at the front end of said girder whereby all drafting strains in the pulling of said vehicle as a semi-trailer are applied to and borne by said girder as the sole chassis frame of said vehicle.

2,061,674
ANTIFREEZE RUBBER BELT COMPOUND AND METHOD OF MAKING THE SAME
Joseph Rockoff, Dayton, Ohio, assignor to The Dayton Rubber Mfg. Company, Dayton, Ohio, a corporation of Ohio
Application February 12, 1934, Serial No. 710,904
4 Claims. (Cl. 106—23)



1. A freezing-resisting rubber composition consisting of a rubber compound containing an antifreezing softening oil which has been treated at a temperature substantially below zero degrees F to remove ingredients which would otherwise harden the composition at low temperatures whereby to prevent brittleness and retard cracking of the composition at sub-zero temperatures and maintain the flexibility thereof at such temperatures.

2,061,675
LOOSE LEAF BINDING DEVICE
Frank Stanley Schade, Holyoke, Mass., assignor to National Blank Book Company, Holyoke, Mass., a corporation of Massachusetts
Application March 21, 1935, Serial No. 12,184
4 Claims. (Cl. 129—1)



3. A book with exchangeable leaves comprising in combination loose sheets, each sheet having perforations near its binding edge, slits extending from each perforation to said edge and affording entrance to the perforations from said edge, tab forming slits between adjacent perforations, and a helically wound wire the distance between the turns of which corresponds to the distance between said perforations, said wire having one turn extending through each of said perforations, said wire being adapted to have the respective turns thereof inserted and removed from the perforations by way of said first named slits upon flexing of the tabs from the plane of the sheet and the flexing of the portions of the tabs adjacent the first named slits out of the plane of the tabs.

2,061,676
RING BINDER CONSTRUCTION
John Schade, Holyoke, Mass., assignor to National Blank Book Company, Holyoke, Mass., a corporation of Massachusetts
Application April 23, 1935, Serial No. 17,809
7 Claims. (Cl. 129—24)



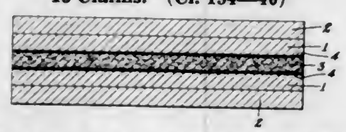
4. In a ring binder mechanism having a booster lever located outside the space provided for book sheets on the mechanism, the combination of said mechanism with means to open and close the rings by the booster lever movement and releasable means to lock the rings at spaced stations in the mechanism, said locking means being connected for operation by manipulation of the booster lever.

2,061,677
BOOK BINDING CONSTRUCTION
Frank Stanley Schade, Holyoke, Mass., assignor to National Blank Book Company, Holyoke, Mass., a corporation of Massachusetts
Application December 26, 1935, Serial No. 56,151
2 Claims. (Cl. 281—25)



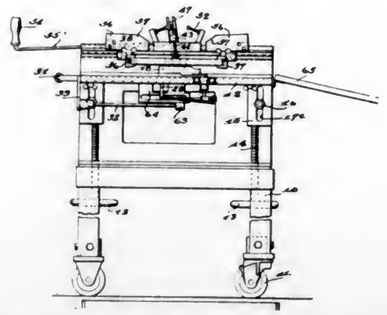
1. A book binding construction comprising in combination a pack of book sheets with outside cover elements all loosely hung on a helically coiled wire threaded through perforations in their binding margin, a back panel shaped to lie against the back portions of said wire, a binding plate laid against the back and inside portions of said coiled wire with its ends attached to the ends of the back panel, all constructed for said coiled wire to be exposed as hinge portions between the edges of the covers and the edges of the back panel but to be completely covered at the back of the book by the back panel, when the book is opened out flat.

2,061,678
COMPOSITE FILM AND PICTURE AND METHOD OF PRODUCING THEM
Clyde Scott, East Orange, N. J.
Application November 8, 1935, Serial No. 48,869
13 Claims. (Cl. 154—40)



11. In a method of producing a substantially unitary article by welding heat-and-pressure sensitive composite film comprising a base member of cellulose ester surfaced on one side with a solid coextensive skin of polymerized vinyl ester resin to the surface of a given base material by the action of heat and pressure, steps comprising applying the composite film to the surface of a base member, subjecting said composite film and said base member to the action of regulated heat at a temperature below that of the melting point of said cellulose ester and to the action of regulated pressure of not substantially more than 250 lbs. per square inch, applying said heat to and through said base member, rendering said skin of resin plastic and adhesive to thereby weld said composite film to said base member by fusion under the action of said pressure to form an apparent integral article having a solid continuous firmly bonded normally inseparable resinous layer in intermediate relation to said cellulose ester and said base member, said heat and pressure being applied by any suitable means.

2,061,679
MACHINE FOR DECORATING FLAT SURFACES
Warren R. Simonton, Huntington, W. Va., assignor to Owens-Illinois Glass Company, a corporation of Ohio
Application June 22, 1935, Serial No. 27,882
2 Claims. (Cl. 101—123)



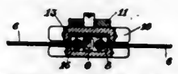
1. Apparatus for decorating articles, comprising a supporting platform, parallel guides extending along the platform and providing guideways arranged side by side to receive articles to be decorated and guide said articles into and beyond a decorating zone, stop mechanism for arresting a pair of articles within the decorating zone, said stop mechanism comprising rock shafts, rock arms secured thereto and projecting within said guideways in position to arrest the articles and hold them in the decorating zone, a manually operable article pusher, a rod carried by the pusher to hold the rock arms in the said position, springs for withdrawing the rock arms, and means for decorating the articles.

2,061,680
SEPARABLE FASTENER
Harry E. Sipe, New York, N. Y., assignor to Hookless Fastener Company, a corporation of Pennsylvania
Application February 3, 1932, Serial No. 590,656
12 Claims. (Cl. 24—205)



12. A slide fastener comprising in combination a pair of flat supporting tapes arranged in the same plane, cooperating rows of fastener elements disposed wholly on one side of said tapes and attached to the side surfaces thereof by stitching passing through the supporting tapes and said rows of fastener elements, said tapes coming substantially into meeting relation so as to hide the fastener elements from view on one side.

2,061,681
SLIDE FASTENER
Samuel H. Norton, Meadville, Pa., assignor to Hookless Fastener Company, a corporation of Pennsylvania
Application February 27, 1932, Serial No. 595,569
7 Claims. (Cl. 24—205)



7. In an edgewise interlocking slide fastener, a pair of fabric strips, each strip being folded back upon itself, cooperating series of fastener elements having attaching portions securing them to the folded portion of said fabric strips, one of said folds of each strip being turned back over the fastener elements and extending to the longitudinal center line of the fastener and constituting cover strips to conceal the fastener elements when the fastener is closed, and an operating slider embracing both said fastener element series and said cover strips.

2,061,682
SLIDE FASTENER
Gideon Sundback, Meadville, Pa., assignor to Hookless Fastener Company, Meadville, Pa., a corporation of Pennsylvania
Application February 27, 1932, Serial No. 595,566
6 Claims. (Cl. 24—205)



5. In an edgewise interlocking slide fastener, a pair of flexible base strips comprising fastener element stringers, cooperating series of fastener elements attached to and projecting from the adjacent edges of said base strips, thin flexible covering strips on one side only of said fastener overlying said fastener elements and said base strips, said covering strips being of such dimensions as to conceal the metal elements when the fastener is closed, the other side of said fastener elements being exposed, means for attaching said covering strips to said base strips alongside said fastener element series, means for attaching said covering strips to said base strips between said fastener elements, and a slider for engaging and disengaging the fastener elements having parallel top and bottom wings, said top wing being continuously smooth, flat and unobstructed throughout its entire inner surface bearing against the cover strips, and the bottom wing being in direct contact with the fastener elements and having flanges along its sides to guide the elements into and out of engagement.

2,061,683
SEPARABLE FASTENER
Harry E. Sipe, New York, N. Y., assignor to Hookless Fastener Company, a corporation of Pennsylvania
Application April 12, 1932, Serial No. 604,747
16 Claims. (Cl. 24—205)

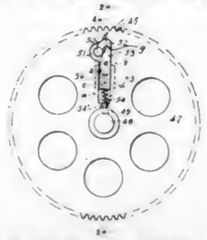


10. In combination, cooperating series of multiple fastener elements, means for mounting said elements in series, covering strips overlying and attached to each of said rows of elements, said covering strips being of relatively soft material,

wear resisting means on the outer surfaces of said covering strips of relatively hard material, and a slider embracing said fastener elements and covering strips and adapted to slide thereon to engage and disengage said fastener elements.

2,061,684
BACKLASH AND WEAR TAKE-UP FOR GEARS

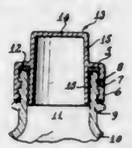
John L. Spence, Jr., Brooklyn, N. Y.
Original application May 22, 1930, Serial No. 454,578. Divided and this application August 1, 1934, Serial No. 737,885
11 Claims. (Cl. 78—440)



1. An anti-back lash and wear take up for a gear comprising in combination a pair of gears mounted in side contact with each other, one of said gears being provided with a radially located gib-way, said gib-way having one open side which is closed by the other contacting gear, a slide located in said gib-way, said slide having a wedge end, means for constantly stressing the slide radially outwardly and a pin fixed in the other said gear and projecting into said gib-way and engaging said wedge end.

2,061,685
CLOSURE

Jack M. Wheaton, Toledo, Ohio, assignor to Owens-Illinois Glass Company, a corporation of Ohio
Application March 15, 1935, Serial No. 11,268
1 Claim. (Cl. 221—147)



A one-piece closure formed of a synthetic resin and including a circular internally screw threaded attaching flange, a measuring cup axially aligned with the flange and having tapered side walls, the open end of the cup terminating in proximity to one end of said attaching flange and having its other end extending outwardly beyond the opposite end of the flange, a transverse wall connecting an intermediate portion of the cup and said opposite end of the attaching flange and a sealing gasket arranged on the under side of said wall.

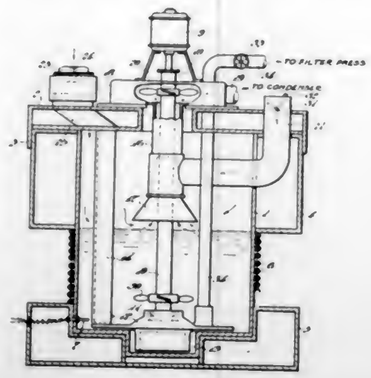
2,061,686
METHOD OF TREATING COTTON FABRIC AND PRODUCT

Clarence B. White, Montclair, N. J., assignor to Wm. E. Hooper & Sons Company, Baltimore, Md., a corporation of Maryland
No Drawing. Application September 14, 1933, Serial No. 689,433
1 Claim. (Cl. 8—20)

The method of treating cotton fiber to form a cellulose coating thereon which consists in first treating it with a solution of cuprammonium, dissolving a portion of the fiber and thus forming a film thereon containing cellulose and a copper compound and then removing the copper compound by treating the fiber with hyposulphite of soda solution.

2,061,687
APPARATUS AND PROCESS FOR PURIFYING OIL

Arthur E. Wilkoff, Niles, Ohio, assignor, by mesne assignments, to Bocji Corporation, Pittsburgh, Pa., a corporation of Delaware
Application May 18, 1932, Serial No. 612,011
6 Claims. (Cl. 196—16)



5. A purifier for used lubricating oil comprising a tank for said oil, heating means for said oil for vaporizing diluents therein, means for removing vapors from said tank comprising an impeller and means for supplying air to said impeller as a carrier for vapors without contact with said oil, means for admitting air to said tank for contact with said oil, and separate means for regulating the respective quantities of air thus supplied to said tank.

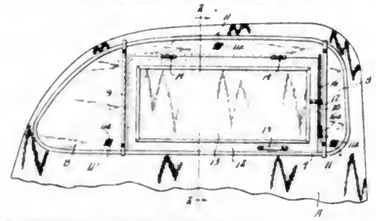
2,061,688
MANUFACTURE OF DIRECT POSITIVES FOR AUTOTYPE

Gustav Wilmanns, Wolfen, Kreis Bitterfeld, and Gerhard von Kujawa, Dessau in Anhalt, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application August 18, 1934, Serial No. 740,536. In Germany August 19, 1933
2 Claims. (Cl. 95—5)

1. A process for producing direct positives for autotype purposes from a line copy or half tone copy, which comprises exposing the light sensitive silver halide gelatin emulsion layer coated on a transparent support through the support under the copy, developing said exposed film with a tanning developer, washing said developed film with warm water to remove the untanned gelatin from the unexposed areas to produce a relief, drying said relief, dyeing the areas of the support laid bare by the production of the gelatin relief with the solution of a non-actinic dye containing a liquid selected from the group consisting of solvents and swelling agents for said support, and removing said gelatin relief by etching.

2,061,689
DELIVERY WINDOW FOR VEHICLES

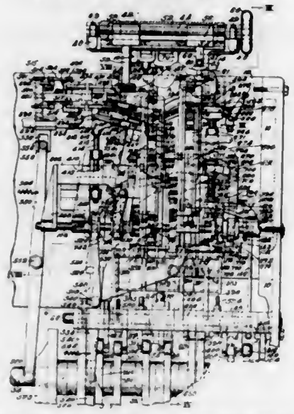
Caesar L. Wilson, Dassel, Minn.
Application November 25, 1935, Serial No. 51,387
2 Claims. (Cl. 296—44)



1. A delivery window for vehicles comprising a panel adapted to be received within the window opening of a vehicle, means for attaching said panel to the window frame of the vehicle, said panel having an opening therein, a glazed frame hinged at its upper edge to said panel and normally closing the opening in said panel but being capable of being swung upwardly and inwardly out of said opening, a keeper mounted on said glazed frame and a spring secured to said panel, said spring having a coil near its secured end and said spring projecting through said keeper and acting in cooperation with said keeper to retain said glazed frame in both closed and open position.

2,061,690
METHOD AND MACHINE FOR ATTACHING SOLES TO SHOES

Erastus E. Winkley, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application December 6, 1933, Serial No. 701,174
193 Claims. (Cl. 12—33)

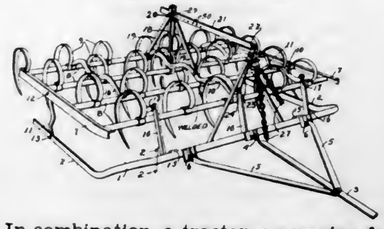


152. In a machine for cement-attaching soles to shoes, the combination of a jack for supporting a shoe, a pad for pressing a sole against the shoe bottom, grippers for introducing the sole between the pad and the shoe bottom, a support for said pad, said support being made in sections at the forepart, shank and heel portions of the shoe so that the upper surface of the support will conform more closely to the longitudinal contour of the shoe bottom, shoe gages for calipering the width of the shoe at the forepart and heel portion, sole gages cooperating with the grippers to position the sole widthwise of the shoe, toe positioning mechanism movable lengthwise and heightwise of the shoe and positioned by the shoe for locating the toe end of the sole longitudinally and widthwise of the shoe, and manually-controlled means for effecting a heightwise adjustment of the shoe gages and the sole gage and gripper at the heel portion of the shoe and a corresponding heighwise adjustment of the heel section of the support, said means also operating simultaneously to adjust both the forepart section of the support and the toe positioning mechanism so that said section and positioning mechanism will always remain in a predetermined relation to each other.

185. That improvement in methods of cement-attaching soles to shoes which consists in applying pressure first to the central portions of the forepart and heel portions of a shoe and sole while leaving substantial marginal areas of said portions entirely free from pressure, and thereafter applying pressure to said marginal areas and to the shank portions of the shoe and sole.

2,061,691
EARTHWORKING TOOL

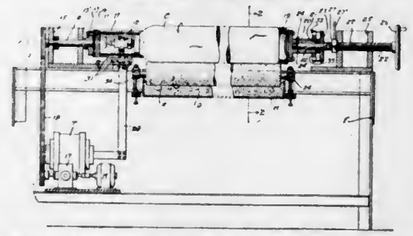
Thomas B. Winsor and George B. Winsor, Milpitas, Calif.
Application January 16, 1936, Serial No. 59,384
5 Claims. (Cl. 55—33)



1. In combination, a tractor, a carrying frame, having rigid draft means connected to the tractor, an earth working implement overlying the frame and mounted for vertical adjustment on said frame and normally engaging the ground, an upstanding centrally disposed lever inserted between the frame and implement for effecting said adjustment, and connections diverging from said lever to spaced points on the tractor on either side of the draft connection thereto whereby a turning movement of the tractor relative to the implement will actuate the lever to elevate the implement against the resistance of the draft means.

2,061,692
TESTING APPARATUS

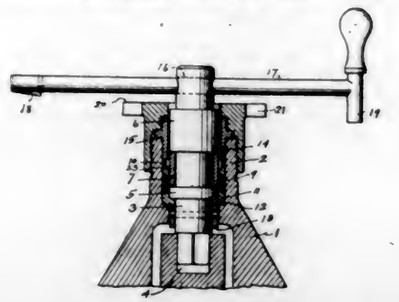
Glen D. Bagley, Great Neck, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
Application September 28, 1931, Serial No. 565,683
11 Claims. (Cl. 175—183)



1. Apparatus for testing a paramagnetic article comprising the combination of: means for rotating an article; means adapted to magnetize

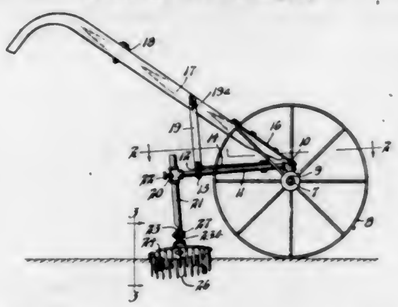
said article while it is rotating; and non-magnetic means operably connected to and controlled by the article and adapted to apply paramagnetic material to such magnetized rotating article.

2,061,693
STUFFING BOX
Oscar L. Beaumier, Brenham, Tex.
Application January 27, 1936, Serial No. 60,978
7 Claims. (Cl. 251—48)



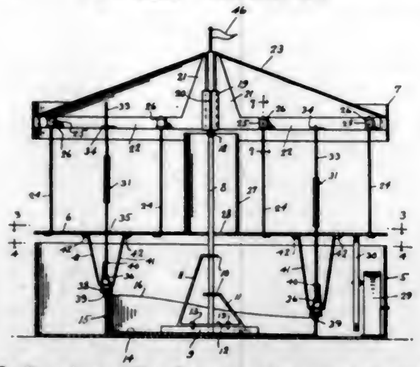
7. In a valve, a casing, a rotatable stem therein, spaced abutments on the stem, a sleeve about the stem between said abutments, and in which the stem is freely rotatable, packing in the casing around the sleeve and holding the sleeve stationary and forming a fluid-tight joint with one of said abutments, retaining rings around the stem between which the packing is located, one of the retaining rings surrounding and being in close contact with one of said abutments, and means for regulating the compression on the packing.

2,061,694
CULTIVATOR
Bartholomew O. Cuddigan, Wadena, Minn., assignor of one-third to John Schaefer, St. Cloud, and one-third to Ben J. Mondloch, St. Martin, Minn.
Application October 1, 1934, Serial No. 746,367
4 Claims. (Cl. 97—179)



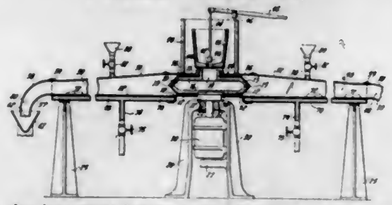
1. A cultivator having in combination a wheel equipped axle, a pair of arms mounted for lateral swinging movement about vertical pivots on said axle, to permit variance between the spacing of certain portions of said arms, shanks carried by said portions of said arms and projecting downwardly therefrom, heads rotatably mounted on the lower portions of said shanks and angularly tilted relative to the ground and ground engaging tools carried by said heads and projecting downwardly therefrom.

2,061,695
TOY
Robert F. Dalton, Mansfield, Ohio
Application June 4, 1936, Serial No. 83,572
3 Claims. (Cl. 272—31)



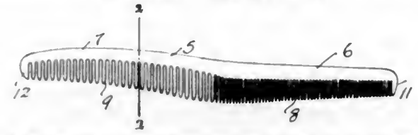
3. In a toy of the character described, a revolving platform, manikin supporting poles having lower portions working through slots in said platform, a fixed cam mounted beneath said platform, roller equipped carriages pivoted to the lower ends of said supporting poles and riding on said cam, whereby to cause said poles to move up and down during a revolving of said platform, said carriages being hingedly connected to said platform whereby they are constrained to follow arcuate paths during oscillating as well as vertical movement of said poles and driving means for said platform consisting of a motor, and a friction wheel driven from said motor and frictionally engaging the under side of the platform.

2,061,696
APPARATUS FOR MAKING POWDERED METALS
Jean Hubert Louis De Bats, East Orange, N. J.
Application August 5, 1932, Serial No. 627,548
3 Claims. (Cl. 83—91)



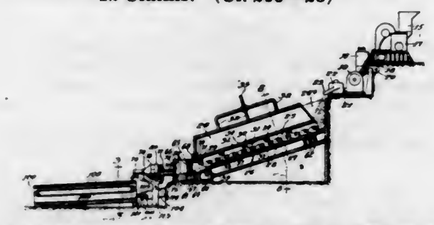
1. An improved apparatus for preparing metals having a high melting point in powdered form, comprising in combination, a centrifuge, means for rotating the centrifuge, a circular, substantially flat chamber of relatively large diameter disposed around the centrifuge, the said chamber having top and bottom walls extending substantially radially from and adjacent to the top and bottom of the centrifuge, means for controllably supplying gas to the said chamber, and means for supplying molten metals having a high melting point to the centrifuge, the said centrifuge comprising a pair of dished members spaced to form a centrifuge chamber having a continuous aperture at the edges thereof, the upper dished member of the centrifuge having a central aperture and the bottom member being provided with a boss co-axial with the aperture, said boss being adapted to receive the means for rotating the centrifuge.

2,061,697
COMB
Theron W. Dorrel, Santa Barbara, Calif.
Application November 27, 1935, Serial No. 51,957
1 Claim. (Cl. 132—11)



A barber's comb comprising a back including a substantially straight portion extending from midway the ends of the comb and the remaining portion of the back being outwardly curved, relatively fine teeth extending from the first mentioned portion and primarily adapted for use in combing the hair, relatively coarse teeth extending from the other portion and primarily adapted for use with shearing means in cutting the hair, said coarse teeth increasing in length from one end of the comb toward the center thereof, and in a manner to form a concaved outline at the outer ends thereof, and said fine teeth increasing in length from adjacent the opposite end of the comb toward the center thereof and together with the coarse teeth presenting an outwardly curved outline at the outer ends thereof along the central portion of the comb.

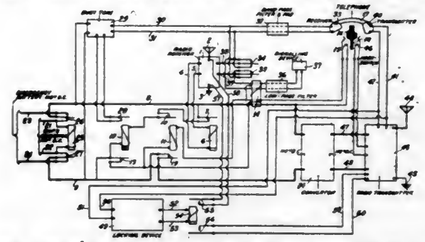
2,061,698
APPARATUS FOR TREATING ORES
Archibald Ewart, Chicago, Ill., assignor of one-half to Ralph M. Welch, Chicago, Ill.
Application May 17, 1934, Serial No. 726,133
12 Claims. (Cl. 263—23)



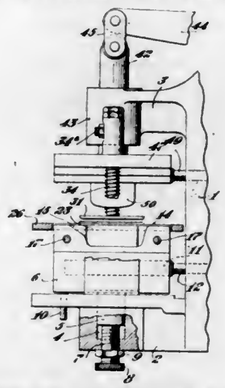
1. An apparatus for treating dry and finely divided ore, comprising an inclined chamber through which the ore has a general direction of flow by gravity, means for heating the chamber, means for agitating the ore as it advances through the chamber, the last said means operating transversely to the general line of travel of the ore through the chamber, and means for confining and drawing off the vapors from the ore.

2,061,699
RADIO SIGNALING SYSTEM
Robert A. Fox, Lorain, Ohio, assignor to The Lorain Telephone Company, Lorain, Ohio, a corporation of Ohio
Application July 31, 1933, Serial No. 682,979
18 Claims. (Cl. 250—9)

1. In combination, a telephone receiver and transmitter, a radio transmitter connected to the telephone transmitter, a telephone switch controlled by the removal of the telephone receiver and transmitter, means controlled by said switch for connecting the radio transmitter to a source of sending power current, a radio receiver adapted to be brought in circuit with the telephone receiver upon the lifting thereof, a signaling device connected to the radio receiver, means upon the connecting of the radio receiver with the telephone receiver for rendering the signaling device inoperative, a busy tone device connected to the source of sending power current, the telephone receiver and the radio receiver, and means upon lifting the receiver for preventing the operation of said busy tone device if it is not already in operation.



2,061,700
METHOD OF AND MACHINE FOR MAKING SHOES
Frederick S. Glines, Lynn, Mass., assignor to The Peerless Machinery Company, Boston, Mass., a corporation of Massachusetts
Application October 3, 1935, Serial No. 43,349
12 Claims. (Cl. 12—51)

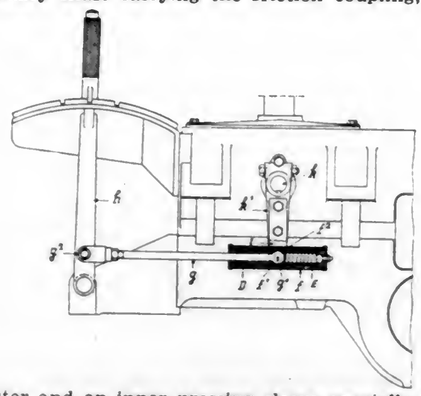


1. A machine for preforming a laterally seamed shoe lining part comprising a die having a cavity therein, a supporting surface at each side of the cavity upon which the lining material may be disposed, one at least of said surfaces having a channel for the reception of the laterally disposed seam of the lining, presser feet cooperable with the work supporting surfaces to hold the lining in taut condition spanning the cavity, and a movable plunger operative to force the lining material into the cavity.

2,061,701
CLUTCH CONTROL MECHANISM
Anton Gmeinder, Mosbach, Germany
Application October 15, 1932, Serial No. 637,899
In Germany October 21, 1931
3 Claims. (Cl. 192—82)

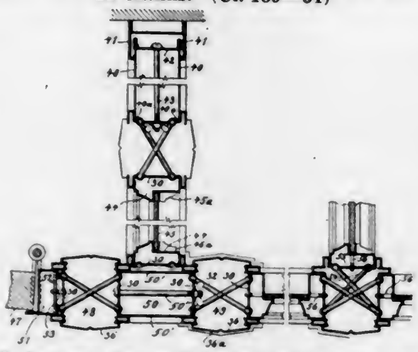
1. Shifting means for a constant mesh gear-train and a frictional coupling comprising a hand lever, a two parted thrusting rod, pressing springs inserted between the two sections of the said thrusting rod and having a precompression gauged to the power to be transmitted by the frictional coupling, a connecting lever and a cross

shaft the former being attached to the latter and the outer section of the thrusting rod, which is pivoted with its inner section to the hand lever, pressing levers fixed to the cross shaft, a secondary shaft carrying the friction coupling, an



outer and an inner pressing sleeve coaxially arranged on the secondary shaft, the outer sleeve being attached to the free end of the pressing levers and an axial thrusting bearing rotatably connecting with each other the said pressing sleeves, substantially as described.

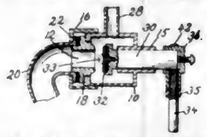
2,061,702
WALL CONSTRUCTION
Alvin C. Goddard, Forest Hills, and Raymond P. Le Viness, Queens Village, N. Y.
Application September 28, 1932, Serial No. 635,166
13 Claims. (Cl. 189—34)



6. In partition wall construction, a connector strip substantially channel-shaped, adapted on the open side of the channel to be connected to an adjoining panel unit and provided on its outer web portion with sockets and means to combine the connector strips with a similar strip in parallel juxtaposition, said means comprising a plurality of staple-shaped strut rods adapted to be seated in diagonally disposed relationship in said sockets of the respective connector strips.

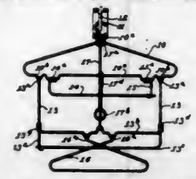
2,061,703
VALVE
John R. Golden, Hammond, Ind.
Application January 12, 1935, Serial No. 1,531
1 Claim. (Cl. 251—39)

In a valve, a body, a stem projecting from said body, an actuating member positioned on said stem and maintained in position by a screw threaded member, a portion of said actuating member adapted to slidably engage a portion of



said body, and adjustment means between the end of said stem and said actuating member.

2,061,704
CLOTHES HANGER
Albert I. Israelson, Hartington, Nebr.
Application September 8, 1933, Serial No. 688,652
7 Claims. (Cl. 223—88)



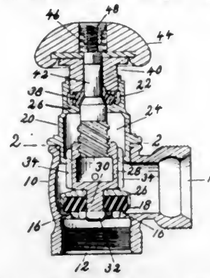
1. A clothes hanger having hangers for separate garments comprising a coat hanger, two separate trousers hangers, one of the trousers hangers being pivoted to the coat hanger, a vest hanger pivoted relatively to one of the trousers hangers and means for connecting the coat hanger and one of the other hangers to, at will, hold the vest hanger and coat hanger at a relatively greater spaced distance from each other.

2,061,705
DECORATIVE COVERING AND PROCESS OF MANUFACTURING THE SAME
James J. Jackson, Woodbury, N. J., assignor to Paulsboro Manufacturing Company, a corporation of New Jersey
No Drawing. Application March 2, 1933, Serial No. 659,435
18 Claims. (Cl. 91—68)

1. The process of manufacturing decorative coverings from porous fibrous absorbent sheet materials, which process comprises applying coloring material to a porous fibrous absorbent sheet and treating the sheet penetratingly with the said coloring material to tint the fibers well down in the body of the sheet while yet maintaining the spaces between the fibers sufficiently open for the introduction of further impregnating material, subjecting the sheet thus decorated to penetration with a liquid medium containing a toughening agent to thus provide a coating of toughening material on the fibers in the sheet, and removing a portion of said toughening agent from said sheet to thus provide a sheet having incompletely filled spaces between the fibers.

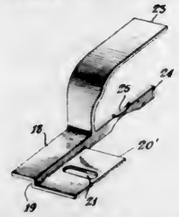
2,061,706
VALVE
Edward J. Kiley, Hammond, Ind., assignor to Hammond Brass Works, Hammond, Ind., a corporation of Indiana
Application October 11, 1934, Serial No. 747,849
5 Claims. (Cl. 251—48)

3. In a packless valve, a casing, a bonnet removably secured to said casing, a stem within said casing and extending upwardly through said bonnet, a tapered seat on the central portion of said stem, an annular sealing member having a correspondingly tapered seat in fluid tight association with said tapered seat, a recessed fitting adapted to contact one face and a portion of the peripheral surface of said sealing member, said fitting being provided with an auxiliary sealing surface which is adapted upon wear of the annular sealing member to form a sealing engagement with



the seat of said stem, the fitting being also adapted to be tightened against said annular sealing member without said sealing member tightening against the stem, and spring means for maintaining said seat of the stem in fluid tight association with the sealing member as said seat wears upwardly through said annular sealing member.

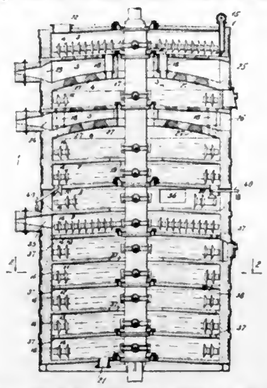
2,061,707
PINKER GUARD AND FABRIC GUIDE
Morris Kleiman, Mount Vernon, and Meyer Braunstein, New York, N. Y.
Application April 2, 1936, Serial No. 72,244
5 Claims. (Cl. 164—64)



5. A pinker guard and fabric guide for pinking machines comprising a body, a straight flange formed with said body and a depending flange angularly disposed to said straight flange, a leaf spring attached to said straight flange at one of its ends and loosely engaging the fabric to press the same against the work table of the pinking machine at its other end, said straight and depending flanges acting as fabric guides during the feeding thereof to the pinker, an upwardly and forwardly curved widened plate formed with said straight flange covering the pinker, and an extension on said depending flange having an arcuate depression formed in its upper edge oppositely to the pinker, and a means to removably secure said guard and fabric guide to the work-table of a pinking machine.

2,061,708
FURNACE
George R. Lewers, New York, N. Y., assignor to Decarie Incinerator Corporation, New York. N. Y., a corporation of New York
Application December 24, 1934, Serial No. 758,911
1 Claim. (Cl. 202—104)

In a multiple hearth furnace, comprising a series of superimposed hearths and a corresponding series of rabble arms driven from a common vertical shaft for moving solids over the several hearths and generally downwardly through the furnace, the improvement which comprises means for isolating the atmosphere over hearths in the upper part of the furnace from that over hearths in the lower part, combustion chambers arranged beneath the hearths in said upper part with means for isolating the atmosphere in said combustion chambers from that over the hearths in said upper part and with means for indirectly transferring heat from said combustion cham-



bers to such solids moving over the hearths in said upper part, and removable tubes closed with respect to said combustion chambers and extending through each of said combustion chambers for conveying solids downwardly respectively from hearth to hearth in said upper part through said combustion chambers out of contact with the atmosphere therein, said tubes extending from the floor of one hearth to the roof of a lower hearth and being removable through the floor of the hearth from which they extend.

2,061,709
DIRECT COLD PERMANENT WAVING
Julian Y. Malone, Joseph H. Carroll, and Charles R. McKee, Milwaukee, Wis., assignors to The Perwav Company, Milwaukee, Wis., a corporation of Wisconsin
No Drawing. Application July 24, 1933, Serial No. 681,960
10 Claims. (Cl. 167—87.1)

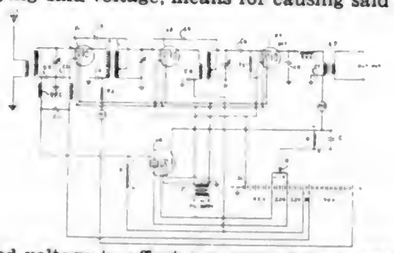
1. The method of permanently waving hair while "cold" which consists in applying a softening composition containing a basic compound of an amphoteric metal to the hair, mechanically forming the hair into waves while so softened, applying a fixing composition containing acid material to the softened hair to return the same to natural, hardened, elastic condition while retaining the wave, and then applying a depleting composition comprising a concentrated solution of neutral salt to remove any excess treating compositions.

2,061,710
AUTOMATIC VOLUME CONTROL
David G. McCaa and Reynolds D. Brown, Jr., Philadelphia, Pa., assignors to Philadelphia Storage Battery Company, Philadelphia, Pa., a corporation of Pennsylvania
Application November 9, 1929, Serial No. 405,964
15 Claims. (Cl. 250—20)

1. In a radio receiving system comprising a plurality of vacuum tubes including a detector, means for automatically controlling the output

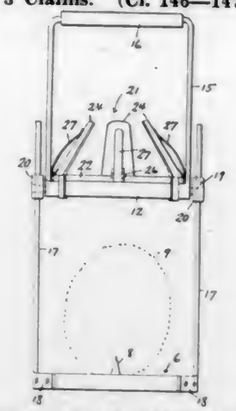
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volume of said system comprising a resistor in the plate-cathode circuit of said detector for causing a voltage drop therethrough, means for amplifying said voltage, means for causing said am-



plified voltage to affect a vacuum tube preceding said detector, and a filter interposed in the input circuit of said vacuum tube to prevent feed-back of undesirable oscillations from the output of the detector.

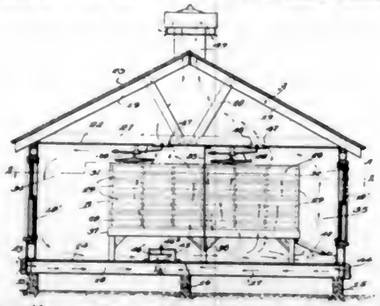
2,061,711
VEGETABLE SLICING DEVICE
Rudolph L. Marchfield, Chicago, Ill.
Application May 21, 1935, Serial No. 22,619
3 Claims. (Cl. 146—147)



1. In a structural assemblage of the class described, a circular base, a pair of diametrically opposed guiding and assembling uprights attached to and rising from said base, a cutting grid including cutting elements and diametrically opposed guide elements slidable on said uprights, an operating bail connected to said cutting device, a slice-gathering and bunching attachment comprising an annulus seated on said cutter ring and provided with resilient clips releasably engageable with the ring, a plurality of upstanding circumferentially spaced, equi-distant retention fingers hingedly mounted on said annulus and disposed in converging relationship, coacting means between the hinged ends of the elements and annulus to limit inward swinging movement thereof, and individual flat springs mounted on the annulus and having their free end portions engageable with the swingable free end portions of said retention fingers.

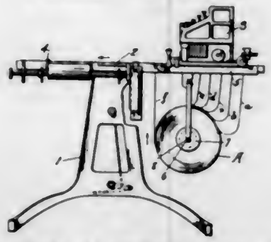
2,061,712
BROODER
Perry S. Martin, Harrisonburg, Va.
Application February 7, 1931, Serial No. 514,272
23 Claims. (Cl. 119—31)

1. In a brooder house, a room including separate room portions opening into each other along the floor, brooder units in said room each unit extending into both portions, heating means in



one portion only, and means for independently ventilating the room portions for controlling the heat therein.

2,061,713
MULTIPLE-WEB ROLL AND METHOD OF OPERATING SAME
Albert W. Metzner and John Q. Sherman, Dayton, Ohio; said Metzner assignor to said Sherman
Application December 30, 1931
Serial No. 583,799½
6 Claims. (Cl. 282—12)

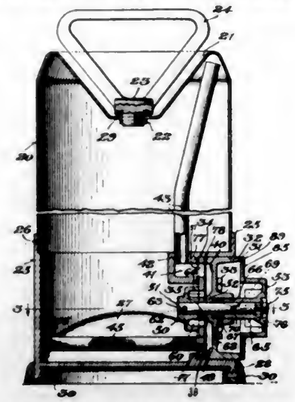


1. The method of forming a roll of multiple webs to be unwound for use in a certain final superposed series of desired sequence, consisting in superposing the webs in a preliminary series with the particular web that is to be the bottom web in the sequence of the final series at the top of the preliminary series, winding said preliminary series of webs into a roll with said particular web radially inward from any other web of the series, and unwinding said roll into said final series with said particular web less slack than any other web unwinding therewith, and acting as the rotator of the roll.

2,061,714
WATER TREATING APPARATUS
Eric Pick, New York, N. Y., assignor to The Permutit Company (1934), Wilmington, Del., a corporation of Delaware
Application September 20, 1934, Serial No. 744,835
7 Claims. (Cl. 210—24)

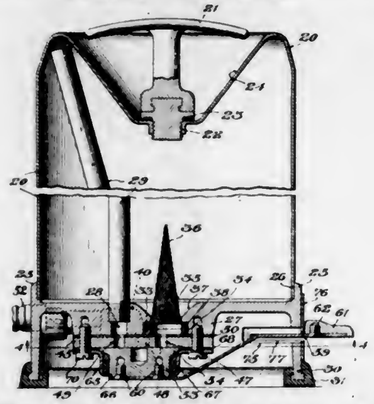
1. Portable water treating apparatus comprising a container for water treating material, the container having an opening therein, a distributor in the container and a rotary multiway valve for controlling flows of water to and from the apparatus, said valve comprising a stator covering said opening, an inlet connection and an outlet connection for the stator, four channels in the stator, two of said channels communicating respectively with the inlet and outlet connections and the other two communicating respectively with the distributor and with the interior of the

container, the stator having a face exposed through the opening to the interior of the container and covering said channels, four ports in said face communicating respectively with said four stator channels, and a rotor inside the con-



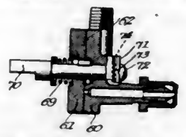
tainer and exposed therein and having a channeled face opposed to the stator face and in different positions of the rotor making connections between the stator face ports for establishing different flows through the apparatus.

2,061,715
WATER TREATING APPARATUS
Eric Pick, New York, N. N. Y., assignor to The Permutit Company, New York, N. Y., a corporation of Delaware
Application February 26, 1935, Serial No. 8,377
5 Claims. (Cl. 210—24)



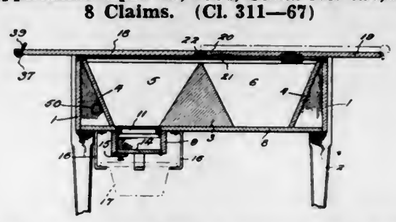
1. Water treating apparatus comprising a container for water treating material, a distributor near one end of the container and a conduit extending from that end of the container toward the other end of the container inside thereof, a rotary multiway valve on the end of the container having the distributor and comprising a stator and a rotor, the rotor and stator having cooperating faces, the rotor axis being substantially vertical, the stator having laterally extending inlet and outlet connections and ports in the stator face in communication with said connections and other ports in the stator face in communication with the distributor and the conduit, a horizontally shiftable, springy operating lever connected to the rotor and extended laterally beyond the side wall of the container, the outside of the container being provided with a horizontal slot and angularly spaced detent means, the lever cooperating with the slot and the detent means to be retained in definite angular positions, and supporting means for the container.

2,061,716
ROTARY DISK VALVE
Best Pratt and George F. Weinreich, Chicago, Ill., assignors, by mesne assignments, to The Rotor Gas Valve Co., a corporation of Illinois
Application March 27, 1933, Serial No. 663,069
3 Claims. (Cl. 251—90)



1. The combination with a valve device comprising a valve body, one face of which forms a valve seat, a shaft rotatable in the valve body and extending through the seat face thereof, and a valve member provided with a bore through which the shaft extends and positioned against the seat face of the valve body, of means to limit the turning movement of said shaft comprising a key on said shaft extending into a slot in the valve disk bore and into a counter-bore in the seat face of the valve body, and an arcuate member fixed in said counter-bore, said key being adapted to contact with the opposite ends of said arcuate member to limit turning movement of the shaft.

2,061,717
TABLE
Pietro Antonio Rossi, Youngstown, Ohio
Application April 13, 1934, Serial No. 720,458
8 Claims. (Cl. 311—67)

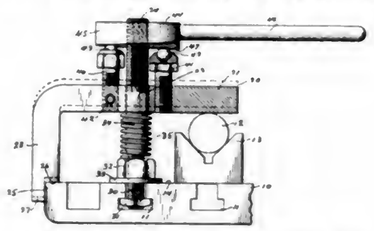


2. A table comprising a supporting frame, a top slidably and pivotally mounted on the frame and including leaves adapted to lie one upon the other or be extended in the same plane, and a hinge bar disposed between the meeting edges of the leaves and hingedly connected thereto.

2,061,718
ADJUSTABLE CLAMP
Frank E. Stahl, Tonawanda, N. Y., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y., a corporation of New York
Application December 21, 1934, Serial No. 758,677
2 Claims. (Cl. 90—59)

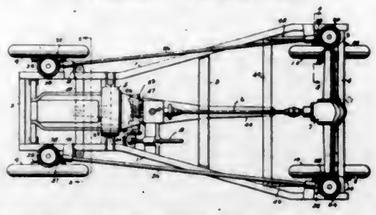
1. An adjustable clamp for jigs adapted to cooperate with the bed of a machine tool, comprising a bolt, means for rigidly securing the bolt to the bed, a jig member slidably carried by the bolt and having cooperative relation with the bed and a work-piece, a clamping member having an operating handle rotatably carried upon the bolt and in interspaced relation with

the jig member, said clamping member being provided with a helically formed working face on its lower surface, diametrically arranged adjust-



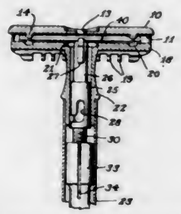
ing screws carried by the jig member and having cooperative engagement with the helical face of the clamping member, and means for setting such screws in their adjusted positions.

2,061,719
MOTOR DRIVEN VEHICLE
Gustavus C. Street, Jr., Houston, Tex.
Application February 1, 1935, Serial No. 4,526
2 Claims. (Cl. 180—50)



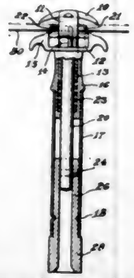
1. A motor vehicle comprising a chassis, a pair of front wheels and a pair of rear wheels supporting the chassis, the wheels of one pair being located outside of the side members of the chassis and the wheels of the other pair being located inside of the side members of the chassis, driving connections between the inner sides of the outer wheels and the outer sides of the inner wheels, a motor on the vehicle, and means operatively connecting one pair of wheels with the motor.

2,061,720
SAFETY RAZOR
Nicholas Testi, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass., a corporation of Delaware
Application October 31, 1933, Serial No. 696,054
16 Claims. (Cl. 30—75)



1. A safety razor having elongated cap and guard members connected for limited separating movement, whereby a blade may be presented endwise and transversely between them, and means located at all times in the razor for engaging and swinging into longitudinal position with respect to the cap and guard members a blade so presented.

2,061,721
SAFETY RAZOR AND BLADE
Nicholas Testi, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass., a corporation of Delaware
Application May 2, 1934, Serial No. 723,550
13 Claims. (Cl. 30—75)



1. A safety razor having blade clamping members, means for centering therein a blade having a shoulder in its periphery and a flexing tongue, a blade stop in the razor, and means acting first through said flexible tongue to swing the blade against said stop and then to move the clamping members while the blade is so held.

2,061,722
HYDROMETER
Howard L. Tiger, New York, N. Y., assignor to The Permutit Company, New York, N. Y., a corporation of Delaware
Application September 20, 1935, Serial No. 41,462
6 Claims. (Cl. 265—46)

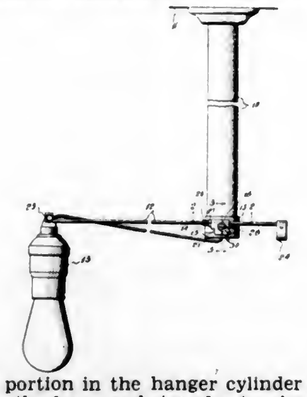


1. A hydrometer comprising a sealed float bulb contoured in its upper portion to provide for clamping engagement, a thin vertical metal stem and means on the stem for resiliently gripping the bulb, the gripping means engaging the clampable contour.

2,061,723
EXTENSION LAMP BRACKET
Victor Vavro, Pittsburgh, Pa.
Application January 17, 1936, Serial No. 59,621
8 Claims. (Cl. 248—323)

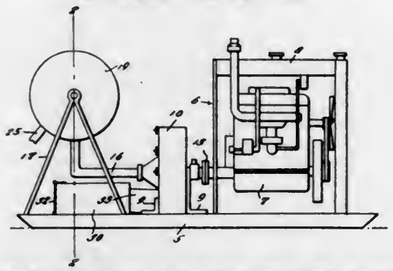
1. In an extension lamp bracket, a hanger cylinder, a pair of bracket rods extensibly, pivotally and swivelly carried by the lower end of the hanger cyinder with the rods respectively mounted at opposite sides of the cylinder, a lamp socket

at the outer ends of the bracket rods, an arcuate strap connecting the other ends of the bracket rods and adapted to partly surround the hanger cylinder for bracing the rods when the rods are aligned with the cylinder, an electric cord having



a looped portion in the hanger cylinder and attached to the lamp socket and a tensioned slack take-up device in the hanger cylinder for the looped portion of the cord for maintaining the cord in a substantially taut condition during adjustments of the bracket rods.

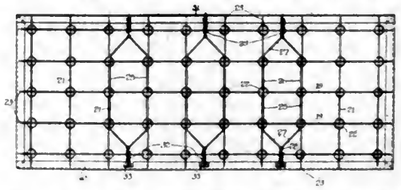
2,061,724
INSECT GATHERER AND DESTROYER
William G. Wanfried, Hershey, Pa.
Application December 16, 1935, Serial No. 54,763
1 Claim. (Cl. 43—140)



In a device of the character described, a suction fan including a housing therefor, an intake pipe extending from one side of the housing and terminating in an upstanding end having oppositely extending lateral arms, a pair of standards, a pair of reels, each of said reels having one end rotatably supported on the standards and the other ends of said reels rotatably supported by the arms of said pipe, sockets in the reels communicating with the respective ends of the arms and a nipple tapped into the hub of each of the reels in the region of said sockets for connecting one end of a hose to each of said hubs.

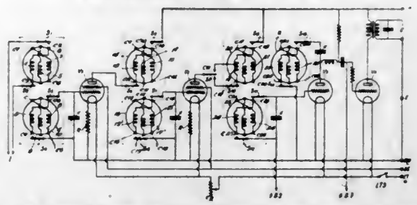
2,061,725
STUDIO COUCH
Arthur Wesley, Chicago, Ill., assignor to Burton-Dixie Corporation, Chicago, Ill., a corporation of Delaware
Application December 10, 1934, Serial No. 756,712
10 Claims. (Cl. 5—266)

1. In a spring-cushion structure, the combination of a frame, yieldable spring-supporting members disposed lengthwise and crosswise of, and attached at their ends to, said frame, upright spiral-springs anchored at their lower ends to said members at substantially their crossing points, supplemental means disposed crosswise of same frame and having their central portions in substantially the plane of, and adapted to assist in supporting, said members, and upwardly



outwardly inclined coiled springs supporting said supplemental means on said frame by connecting the ends thereof to the frame at points above said members.

2,061,726
TUNER
Fred Woods, Richmond, Surrey, England, assignor to Radio Corporation of America, a corporation of Delaware
Application December 29, 1931, Serial No. 583,631
In Great Britain December 29, 1930
15 Claims. (Cl. 171—119)



1. A multi-range oscillatory energy receiver comprising a plurality of inductance units each having a plurality of sets of coaxial windings, each set of windings being appropriate to one tuning range, the windings of each set terminating in contact devices adapted to co-operate selectively with appropriate switch members according to the position into which the unit is rotated, means for rotating all of said units simultaneously and equal amounts whereby said units may be moved together into positions in which the windings in circuit are all appropriate to a desired wave length range, and means for short circuiting one or more idle windings on the inductance units.

2,061,727
EXTENSIBLE HASP AND HINGE FITTING
Charles William Cheney, Soho, Birmingham, England
Application August 25, 1934, Serial No. 741,428
In Great Britain August 29, 1933
1 Claim. (Cl. 292—281)



Extensible hasp and hinge fittings comprising in combination an elongated casing provided with a line of ratchet teeth, an elongated hollow

slide telescopically fitting the casing, a coupling member movably mounted in the slide and consisting of a first order lever fulcrumed transversely to the slide and rockable longitudinally thereof, a spring pressed pawl mounted on the slide so as to move therewith and pivoted in relation to the ratchet teeth so that strain tending to extend the fittings further presses the pawl into engagement with the teeth, a member hinged at the outer end of the slide, and a cam provided on the hinged member and adapted to operate on the coupling lever to control the action of the pawl.

2,061,728

NITRATION OF GLYCERIN

Frederick Alexander Ferrier Crawford, West Kilbride, and William Arthur Percival Challenor, Ardrossan, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application January 16, 1935, Serial No. 2,014. In Great Britain January 20, 1934

11 Claims. (Cl. 260—144)

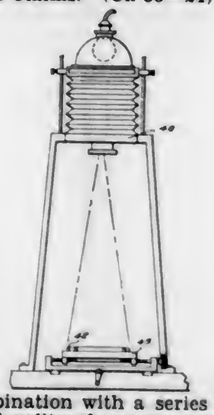
1. The continuous process for preparing liquid nitric esters which comprises continuously introducing at least one aliphatic alcohol into each of a series of nitrating vessels; continuously introducing a suitable nitrating acid into the first vessel of the series, and the major portion of the alcohol to be nitrated, such acid being in an amount sufficient for reaction with the whole of the material to be nitrated, transferring the reaction mixture of the first vessel successively through the other vessels in the series, and causing the reaction mixture from each preceding vessel to react further in the next following vessel with the material continuously added thereto, the time of contact of the nitric ester with the nitrating acid in any given vessel after the first being substantially less than the time of contact of the nitric ester with the nitrating acid in any preceding vessel.

2,061,729

APPARATUS FOR MAKING STEREOSCOPIC POSITIVES FROM NEGATIVES

Ernest E. Draper, Scarsdale, N. Y., assignor to The Perser Corporation, New York, N. Y., a corporation of New York

Application April 24, 1931, Serial No. 532,522
Renewed March 16, 1936
14 Claims. (Cl. 88—24)



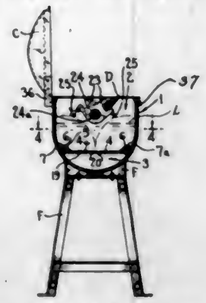
1. The combination with a series of negatives exposed in a plurality of cameras arranged in the arc of a circle about the object to be photographed, each negative having an image of a plumb line above and below the object being photographed, and with a cross bar thereon suspended above the object being photographed, of a vertical projector, a movable bed thereon, a card for said bed adapted to receive the image on the negative in said projector, a plate holder, a sensitized plate in said holder, a line screen in front of said plate, and means to alter the relation of said screen to said plate.

2,061,730

APPARATUS FOR WASHING THE DOCTOR BLADES OF PRINTING PRESSES

Gustave A. Friess, Rye, N. Y., assignor to News Syndicate Co. Inc., New York, N. Y., a corporation of New York

Application July 20, 1935, Serial No. 32,377
4 Claims. (Cl. 141—1)



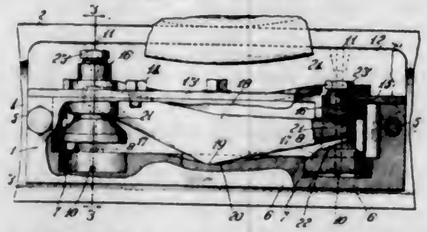
1. Mechanism for washing the doctor blade of a printing press comprising a casing, a pair of doors turnably connected to said casing and turnable around axes which are parallel to the longitudinal axis of the casing, end plates connected to the end walls of said casing, the lateral edge portions of said doors overlapping said end plates when the doors are in the closing position, said doors and said end plates separating the casing into an upper washing compartment and a lower sediment compartment when the doors are in the closing position, and means connecting said doors so that they are turned upwardly and downwardly in unison.

2,061,731

WHEEL FLANGE OILER

Perry H. Hamilton, Baltimore, Md., assignor to Maintenance Equipment Company, Chicago, Ill., a corporation of Illinois

Original application March 17, 1928, Serial No. 262,452. Divided and this application November 30, 1928, Serial No. 322,891
16 Claims. (Cl. 184—3)



1. A wheel flange oiler comprising a reservoir for holding oil adapted to be mounted adjacent the rail, a pair of oil wells formed in the reservoir, a discharge passage leading from each well to a point adjacent the rail-head, a plunger operating in each well, and a rocker member having its intermediate portion fulcrumed on the bottom of the reservoir and its ends connected with the respective plungers.

2,061,732

CELLULOSE DERIVATIVE COMPOSITIONS

Emmette F. Izard, Elsmere, Del., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application November 10, 1933, Serial No. 697,473
7 Claims. (Cl. 106—40)

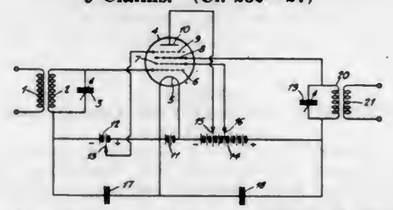
1. A composition comprising a cellulose derivative and, as a solvent therefor, a binary mixture of water and dimethyl ether of ethylene glycol, the proportion of water being not in excess of that which will give an azeotropic mixture with the dimethyl ether of ethylene glycol and the binary mixture being capable of giving a clear solution of cellulose acetate having an acetyl content of 51%.

2,061,733

THERMIONIC DEVICE

Günther Jobst, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application August 29, 1933, Serial No. 687,262
In Germany August 31, 1932
9 Claims. (Cl. 250—27)



3. A thermionic device comprising a cathode and a perforated anode, a signal control grid and a screening grid interposed between said cathode and anode, and means positioned on that side of the anode remote from the cathode for producing a negative space charge externally of the anode comprising an auxiliary electrode which is maintained at a negative constant operating potential with respect to the cathode and a second auxiliary electrode which is maintained at a positive constant operating potential, said last named electrode being positioned on that side of the first auxiliary electrode which is remote from the cathode.

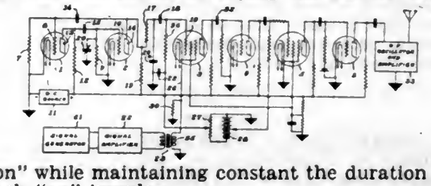
2,061,734

SIGNALING SYSTEM

Ray D. Kell, Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware

Application September 29, 1934, Serial No. 746,086
13 Claims. (Cl. 250—6)

1. A signaling system comprising a carrier wave source, a source of signals, a source of dot-impulses of supersonic frequency, means for keying the carrier wave "on" and "off" at an average frequency equal to that of said supersonic impulses and means under control of said source of signals for varying the time intervals between successive moments of keying the carrier wave



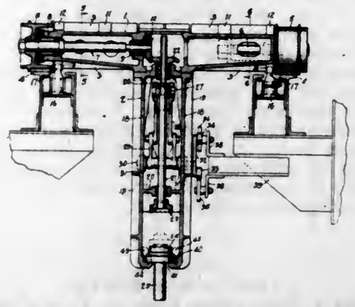
"on" while maintaining constant the duration of each "on" impulse.

2,061,735

CONVEYER TRUCK

Clas S. Larson, Milwaukee, Wis., assignor to A. O. Smith Corporation, Milwaukee, Wis., a corporation of New York

Application July 18, 1935, Serial No. 31,988
5 Claims. (Cl. 198—177)



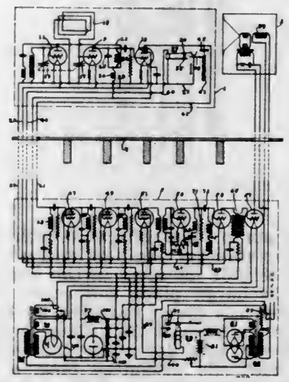
1. In a conveyer truck, a depending hanger having a slotted seat at its lower end for receiving the head of an element to be suspended therefrom, a rotatable shaft having means thereon adapted to engage said head to rotate the same, and means for driving said rotatable shaft in synchronism with the forward movement of said truck.

2,061,736

RADIO RECEIVER

Miles A. McLennan, Riverton, N. J.

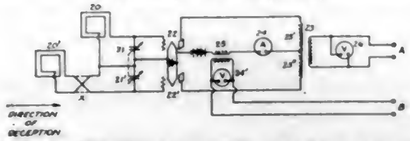
Application June 25, 1932, Serial No. 619,193
7 Claims. (Cl. 250—20)



1. A radio receiver of the superheterodyne type comprising a portable tuning unit including means for converting an incoming signal into an amplified intermediate frequency signal, a remotely disposed second detector for converting

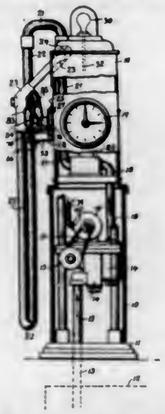
the intermediate frequency signal to an audio frequency signal, means including a cable for transferring said intermediate frequency signal from said portable unit to said remotely disposed second detector, and means for utilizing said audio frequency signal.

2,061,737
DIRECTIONAL RECEIVING SYSTEM
William H. Offenhauser, Jr., Conshohocken, Pa.
Application October 6, 1932, Serial No. 636,563
3 Claims. (Cl. 250—11)



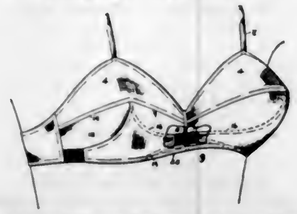
1. In a directional receiving system, a pair of coaxial loop pickups mounted to rotate about their common axis, a coupling tube connected to the output of each of said pickups, the output circuit of said tubes including a common portion and also including a separate portion, an indicating device included in said common portion for giving a positive direction indication, a pushpull output transformer having a double primary, one of said primaries being included in the separate portion of each of said tubes and an indicating device included in the output of the transformer for giving a null direction indication.

2,061,738
LIQUID DISPENSER
William J. Peter, New York, N. Y., assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y., a corporation
Application January 17, 1933, Serial No. 652,115
43 Claims. (Cl. 221—95)



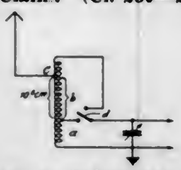
1. A curb pump comprising in combination, an upright pump stand, a pumping means and driving motor therefor mounted in the pump stand, inlet and discharge pipes connected with the pumping means, a meter mounted on the pump stand and through which the discharge pipe runs, a flexible service hose and nozzle having one end connected with the discharge pipe, a lighting globe on the pump stand, a switch box mounted in the pump stand and having a closed rear wall inside of said pump stand, the switch box being provided with an opening accessible through and from the outside of the pump stand, a lighting circuit extending through the switch box and connected with the lighting globe, a manually operable switch mounted in the switch box and connected with said lighting circuit, a power circuit extending through the switch box and connected with the driving motor, a motor control switch mounted in the switch box and connected with the power circuit, and manually operable means carried with the switch box and operatively connected with the motor control switch to actuate said switch to start and stop the driving motor and pumping means.

2,061,739
BRASSIÈRE
Henry Rasch, Hohokus, N. J., assignor to Chaincraft, Inc., Haverstraw, N. Y., a corporation of New York
Application March 20, 1935, Serial No. 11,904
6 Claims. (Cl. 2—42)



6. A brassière comprising a pair of breast supporting pockets, each pocket for each breast including a cover piece and a pair of contiguous overlapping elements for supporting the underside of the breast, the two overlapping elements of each pocket being adjustable with respect to each other, the two overlapping elements of each pocket supporting different portions of each of the breasts.

2,061,740
RECEIVING CIRCUIT FOR BROADCAST APPARATUS
Rudolf Rechnitzer, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application March 22, 1934, Serial No. 716,739
In Germany March 22, 1933
1 Claim. (Cl. 250—20)

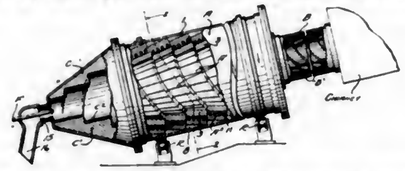


In combination, an inductance coil having one end grounded, the opposite end and an intermediate point of said inductance coil having leads connected to a pair of contacts, a switch member adapted to be connected to one or the other of said contacts, a variable condenser connected between the grounded end of the inductance coil and the switch member, and a fixed antenna connection to a point on said inductance coil intermediate the pair of switch contacts.

2,061,741
ROTATING ELECTRIC FURNACE
Paul Rosenfeldt, Milwaukee, Wis.
Application February 20, 1933, Serial No. 657,598
10 Claims. (Cl. 13—21)

1. The combination with a rotatable furnace body disposed in an inclined position for advance

by gravity of material to be treated, of a lining material in helical step-like formation so disposed that as each portion thereof assumes its lower-



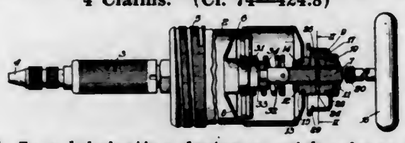
most position its surface is substantially horizontal whereby material in the furnace is retarded in the advance thereof.

2,061,742
HEAT INTERCHANGER
Richard H. Swart, Beloit, Wis., assignor to General Refrigeration Corporation, Beloit, Wis., a corporation of Delaware
Application May 13, 1935, Serial No. 21,172
3 Claims. (Cl. 257—235)



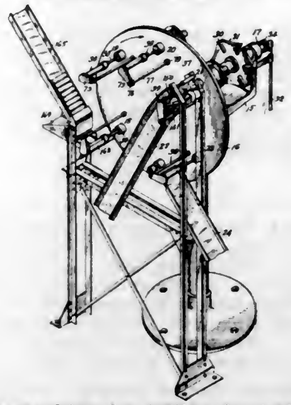
1. A heat interchanger including a cylindrical shell having end members provided with an inlet and outlet respectively permitting a medium to flow through the shell, a coil comprising a length of continuous tubing positioned within the shell and having the ends of said tubing extending through openings in the end members respectively, a single supply line connecting with the tubing at one end thereof and a single discharge line connecting with the tubing at the opposite end thereof, and a spiral member positioned within the coil for directing the medium outwardly where it will contact the tubing of said coil.

2,061,743
LUBRICATING DEVICE
Harry R. Tear, Evanston, Ill., assignor to The Lubrication Corporation, South Bend, Ind., a corporation of Delaware
Application November 19, 1934, Serial No. 753,663
4 Claims. (Cl. 74—424.8)



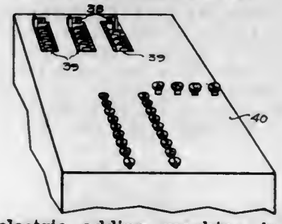
1. In a lubricating device, a quick release feed screw mechanism comprising, a relatively stationary member, a feed screw slidably mounted on said member whereby the screw may be moved longitudinally without rotation, a screw-engaging member having screw threads thereon complementary to the threads of said feed screw, said screw-engaging member being mounted on said relatively stationary member for movement into and out of engagement with said feed screw, a spring secured to said screw-engaging member and contacting said stationary member for urging said screw-engaging member away from said feed screw and for preventing rotation of said screw-engaging member relative to said stationary member, and a cam rotatably mounted on said stationary member and engageable with said screw-engaging member for urging said screw-engaging member toward said feed screw against the force of said spring upon rotation of said cam in one direction.

2,061,744
MACHINE FOR TESTING COLLAPSIBLE TUBES
George W. Temple, Flushing, N. Y., assignor to Victor Metal Products Corporation, Brooklyn, N. Y., a corporation of New York
Application August 15, 1934, Serial No. 739,859
20 Claims. (Cl. 73—51)



1. In a machine for testing for leakage thin, fragile collapsible tubes each having an open end and a neck end, means for supporting and sealing the tube and for also advancing the tube, said means including movable sealing and clamping members arranged respectively to engage the inner and outer surfaces of the periphery of the open end portion of the tube and a relatively stationary member adapted to engage the neck end of the tube, means for subjecting the tube to interior fluid pressure, and means responsive to leakage from the tube for rendering the supporting and sealing means inoperative at a predetermined instant in the cycle of operation of the machine and to permit discharge of the tube from the machine.

2,061,745
ELECTRICAL ADDING MACHINE
Felix B. Wadel, Tyler, Tex.
Application January 16, 1933, Serial No. 651,995
6 Claims. (Cl. 235—61)



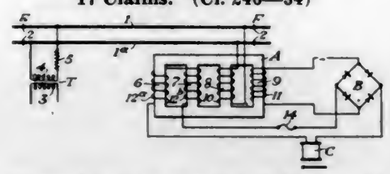
1. An electric adding machine including a plurality of key columns and correlated unitary answer exhibiting means interrelated by electrical circuits in series through said key columns and said answer exhibiting means, relay means for establishing selective current paths through said columns preparatory to exhibiting a result, and means whereby to actuate selected units of said exhibiting means.

2,061,746
SHOE WITH EXPANSIBLE OPENING
Frederick P. Wagner, St. Louis, Mo., assignor of one-half to Arthur J. Brauer, St. Louis, Mo.
Application May 13, 1935, Serial No. 21,073
6 Claims. (Cl. 36—45)



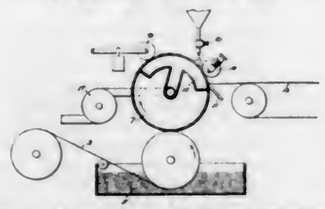
2. A shoe of the kind described having an exterior upper portion continuing about the rear thereof, the part of said upper portion at the top in the rear of the shoe being folded over and formed to yield at the fold, and means cooperating with said yielding portion arranged to retract the same lengthwise of the fold.

2,061,747
RAILWAY TRACK CIRCUIT APPARATUS
Harold G. Witmer, Pittsburgh, and Linnie K. Hedding, Wilkinsburg, Pa., assignors to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application August 8, 1934, Serial No. 738,988
Renewed May 16, 1936
17 Claims. (Cl. 246—34)



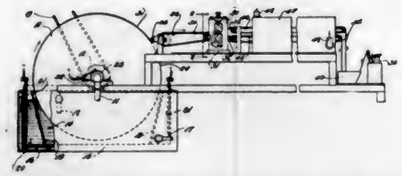
1. In combination, a section of railway track, a source of alternating current connected across the rails of said section, a transformer having a core made up of four parallel legs, a primary coil wound on one of said legs and connected across the rails of said section, a secondary coil wound on another of said legs, a rectifier having its input terminals connected with said secondary coil, two controlling coils oppositely wound on the two remaining legs, respectively, of said core, and an output circuit for said rectifier including said controlling coils connected in series and the operating winding of a track relay.

2,061,748
PRODUCTION OF COATED CREPED PAPER
Edward H. Angier, Framingham, Mass., assignor to Edward H. Angier, Framingham, Mass., as trustee under Agreement and Declaration of Trust, designated as Angier Laboratories
Application January 20, 1934, Serial No. 707,498
2 Claims. (Cl. 154—33)



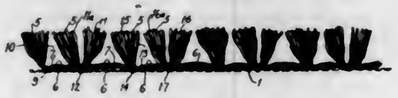
2. The method of producing a rubber coated creped paper which comprises distributing finely divided rubber with vulcanizing agent in the form of an aqueous suspension over the surface of the paper as it is advanced to a creping doctor, withdrawing at least a portion of the vehicle into the paper whereby partially to deposit the rubber and at least in part condition the paper for the creping operation, creping the paper by the action of the doctor while the rubber is distributed substantially evenly over the surface thereof and thereafter drying the crepe paper and vulcanizing the rubber.

2,061,749
RUBBER THREAD AND METHOD FOR MAKING THE SAME
Carl L. Beal, Cuyahoga Falls, Ohio, assignor to American Anode, Inc., Akron, Ohio, a corporation of Delaware
Application October 11, 1933, Serial No. 693,113
9 Claims. (Cl. 18—54)



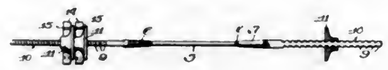
1. A vulcanized rubber thread comprising an elongated strip of unmasticated latex rubber having the native colloidal structure of rubber deposited directly from liquid rubber latex, said strip having two opposed uncut faces and two opposed cut faces, the opposed cut faces exhibiting the characteristics of rubber faces cut by a shearing operation.

2,061,750
ARTIFICIAL GRASS MAT
John Birek, Cleveland, Ohio, assignor to Saul I. Fineman, Cleveland, Ohio
Application August 13, 1936, Serial No. 95,874
2 Claims. (Cl. 112—1)



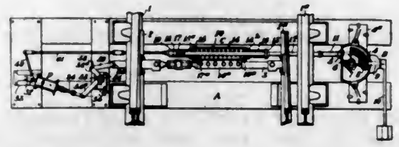
1. The method of making an artificial grass mat which includes laying a row of parallel relatively long strips of dried grass or like material across a fabric or like base and sewing them to the base by a row of stitching spaced from one end of the strips allowing the end portions thereof to stand up and simulate grass, then laying a row of shorter strips on the long strips and sewing them to the base by a second row of stitching between their ends and through intermediate portions of the long strips leaving both end portions of the short strips to stand up and simulate grass, the said second stitched row passing through an intermediate portion of the long strips, then laying a third row of relatively long strips on the base in overlapping relation to the opposite end portions of the first row of strips and sewing them to the base by a row of stitching passing through said overlapped ends of the first row and through the third row of strips at points spaced from the ends of the strips to leave upstanding end portions, and so on until the base is progressively entirely covered.

2,061,751
CLAMP
George B. Bosco, Chicago, Ill.
Application April 7, 1934, Serial No. 719,489
1 Claim. (Cl. 144—291)



A clamp, the opposite ends whereof comprise bars of rectangular section having threads formed on a pair of their opposite faces with the faces between said threaded faces left plain, said threads having their tops and sides curved in addition to their spiral curvature, and nuts interiorly threaded to co-operate with the threads on the opposite faces of said bars.

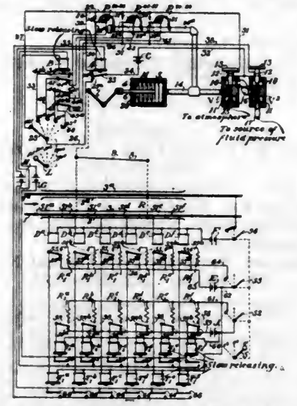
2,061,752
RAILWAY SWITCH OPERATING APPARATUS
Herbert L. Bone, Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application November 16, 1933, Serial No. 698,307
18 Claims. (Cl. 246—291)



2. The combination with a railway switch and an operating device connected with the movable points of said switch through the medium of a spring connecting rod, of a biasing device, and means including a bell crank lever for connecting said biasing device with the points of said switch in such manner that when said switch is moved to either extreme position by said operating device said biasing device will exert a force on the switch points which aids that exerted on the points by said spring connecting rod in biasing the points to the extreme position which they then occupy but that when the switch points are moved a predetermined distance away from either extreme position by a trailing train said biasing device will then exert a force on the switch points which opposes that exerted on the points by the spring connecting rod.

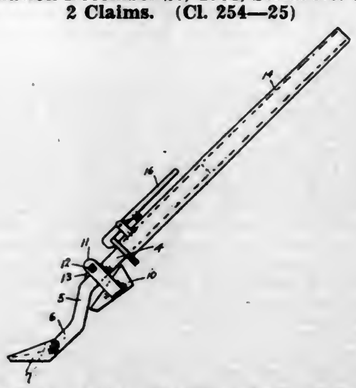
2,061,753
RAILWAY BRAKING APPARATUS
Herbert L. Bone, Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application June 5, 1935, Serial No. 25,118
23 Claims. (Cl. 303—20)

1. In combination, a stretch of railway track, fluid pressure operated braking apparatus for retarding the speed of a car traversing said stretch, means for supplying said apparatus with fluid at different pressures to cause said apparatus to exert different braking forces, and means controlled by the speed of a car traversing said stretch for reducing the pressure of the fluid supplied to said apparatus a first predetermined amount when the speed of the car has decreased to a predetermined speed and for subsequently



reducing said pressure a second predetermined amount.

2,061,754
CLAW BAR
Ernest R. Casey, Evanston, Wyo.
Application December 27, 1934, Serial No. 759,386
2 Claims. (Cl. 254—25)



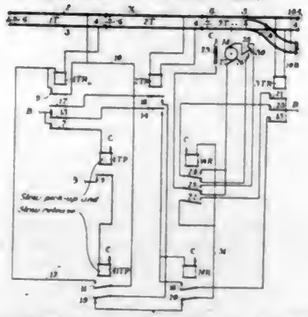
1. A tool of the class described comprising a handle, an extracting head at one end of the handle, an auxiliary handle slidably and removably mounted on the first mentioned handle to increase the leverage of said handle, a shoulder mounted on the handle to limit the forward movement of the auxiliary handle, a spring pressed catch mounted on the auxiliary handle and adapted to engage said shoulder to maintain the auxiliary handle in fixed position, and means comprising a wedge with upstanding arms joined by a cross piece and adapted to be slidably mounted on the handle to increase the fulcrum of the head to accommodate the increased leverage of the auxiliary handle.

2,061,755
ELECTRON EMISSION DEVICE
Hugh S. Cooper, Cleveland, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
No Drawing. Application March 18, 1931, Serial No. 523,651
1 Claim. (Cl. 250—27.5)

An electron emission device comprising an evacuated envelope enclosing an element which

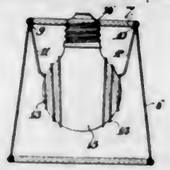
possesses high strength, stiffness, and which is free from warpage when subjected to elevated temperatures in the neighborhood of 900° C., said element consisting wholly of homogeneous compressed powdered pure cobalt in the form of a compacted briquette, the powder particles being superficially fused.

2,061,756
RAILWAY TRAFFIC CONTROLLING APPARATUS
Paul H. Crago, Wilkinsburg, and Arthur E. Dodd, Swissvale, Pa., assignors to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application April 24, 1935, Serial No. 17,978
11 Claims. (Cl. 246—221)



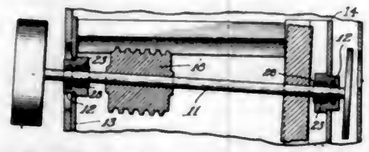
1. In combination, a stretch of railway track including a railway traffic controlling device having a first and a second position and normally occupying the first position, operating means for moving said device, a slow release relay having an initial condition and an operated condition, a slow pick-up relay having an initial condition and an operated condition, means effective to initiate the operation of said slow release relay when a particular section is occupied by a car approaching said device, means effective to initiate the operation of said slow pick-up relay when said slow release relay has completed its operation, control means governed by the slow pick-up relay and effective to cause the operating means to move the device to its second position if and only if said slow pick-up relay is in its initial condition when the car enters another particular section, and means governed by the car after having passed the device to control the operating means to automatically move the device back to its first position.

2,061,757
LAMP SHADE SUPPORT
John P. Croasdale, Berwyn, Pa.
Application November 10, 1934, Serial No. 752,423
2 Claims. (Cl. 240—138)



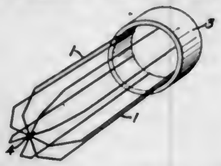
1. A lamp shade support having lamp clamping means associated therewith, comprising two oppositely acting resilient spiral concavo-convex formations adapted to engage the opposite sides of the spherical portion of the lamp throughout their spiral extensions.

2,061,758
BEARING
Samuel G. Eastman, Belvidere, Ill.
Application August 5, 1933, Serial No. 683,729
22 Claims. (Cl. 308—72)



1. In a bearing of the character described, an unitary, one-piece housing having an annular opening therein, a second annular opening of decreased diameter and connected by a shoulder, a journal having an exterior surface of substantially the same diameter as the first mentioned annular opening in the housing, said journal being disposed in the housing, means integral with the housing and bearing against a part of the outer arcuate surface of the journal to support the journal within the housing, said housing including a relatively large diameter hollow portion forming a lubricant reservoir connected to the portion of the housing in which the journal is disposed, and another portion communicating with the reservoir and having a slightly greater diameter than the inside diameter of the journal, and packing saturated with lubricant within the lubricant reservoir, whereby a shaft extending through the housing is free to take an angular position with respect to the axis of the housing.

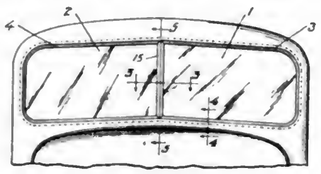
2,061,759
METHOD OF FORMING ELECTRODES
William W. Eitel and Jack McCullough, San Bruno, Calif., assignors to Heintz & Kaufman, Ltd., San Francisco, Calif., a corporation of Nevada
Application November 7, 1933, Serial No. 696,978
2 Claims. (Cl. 250—27.5)



1. The method of processing thermionic tube electrodes which comprises forming annealed tantalum into the desired shape, mounting said formed electrode in said tube, degassing said electrodes at reduced pressure, admitting a hydrogen bearing gas into said tube, and heating said electrodes in the presence of said gas until hardened.

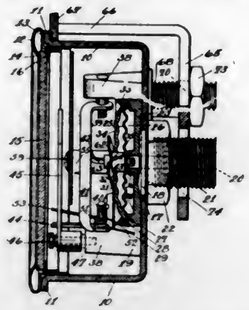
2,061,760
DIVISION MOLDING FOR A WINDSHIELD
Alfred J. Fisher, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application July 5, 1935, Serial No. 29,891
9 Claims. (Cl. 296—84)

1. A window assembly for an automotive vehicle comprising a pair of fixed glass panels for closing the opening having their adjacent vertical edges spaced, a fixed rubber weatherstrip in the form of a continuous loop surrounding the window opening and sealing the outer edges of the panels and having a homogeneous vertical piece extending from the top to the bottom of the window opening in the gap between adjacent



vertical edges of the fixed glass panels for sealing the adjacent vertical edges of these panels.

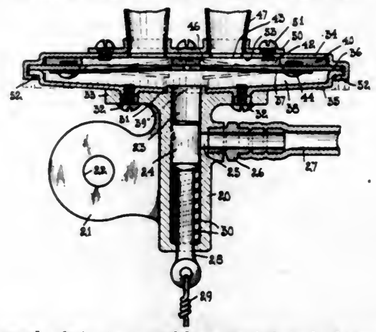
2,061,761
DIAPHRAGM GAUGE
Paul Gaiser, Sellersville, Pa., assignor to United States Gauge Company, New York, N. Y., a corporation of Pennsylvania
Application September 24, 1931, Serial No. 564,943
10 Claims. (Cl. 73—110)



5. In a gauge, a casing; a pressure chamber and a diaphragm cooperating therewith, the diaphragm having annular corrugations therein; a stop plate provided with corrugations corresponding to the corrugations of said diaphragm mounted thereover, said stop plate having a central hole formed therein, a shouldered plug mounted on said diaphragm and projecting through said central hole, a compensating spring located within the casing and bearing against said shouldered plug to oppose movement of said diaphragm in response to fluid pressure whereby the diaphragm may be made of much softer or lighter material than would be possible if said spring were absent.

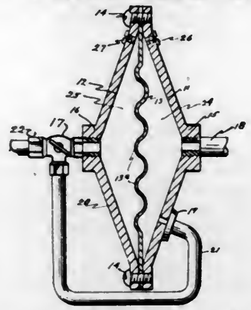
2,061,762
REED ACTUATED SIGNAL
Alexis F. Gillet, Omaha, Nebr., assignor to Jubilee Manufacturing Co., Omaha, Nebr., a corporation of Nebraska
Application March 23, 1935, Serial No. 12,668
1 Claim. (Cl. 116—138)

In a signal, a hollow body portion having front and rear walls, a resonator opening through said front wall to the interior of the body portion, a reed plate disposed in the body portion between said walls and providing a resonator chamber adjacent the front wall and a suction chamber adjacent the rear wall adapted for connection with a source of suction, a filler block disposed in the resonator chamber between the front wall and the reed plate, said reed plate and said filler block having a channel opening therethrough substantially in line with the resonator, a reed secured to the reed plate and having its free end portion conforming in size and contour substantially to that of said channel opening in the filler block



and reed plate to provide a restricted channel in which the reed is adapted to vibrate.

2,061,763
HYDRAULIC BRAKE
Clarence L. Gilstrap, Hiram T. Smith, and Frank L. Ralston, La Grande, Oreg.
Application November 20, 1934, Serial No. 753,886
3 Claims. (Cl. 303—84)



1. In combination with a hydraulic braking system, a body element having a chamber disposed therewithin and located within the hydraulic circuit of the braking system, means yieldingly separating the chamber into two parts, means for optionally establishing open communication between the two parts of the chamber, and means for independently venting the two parts of the chamber and means for independently filling each of the chambers one at a time.

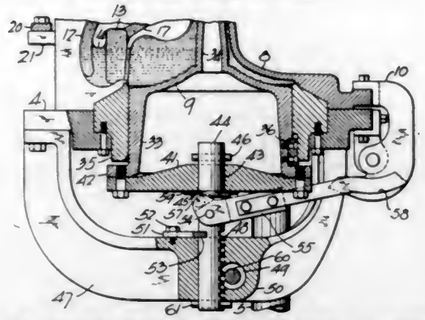
2,061,764
CRANKSHAFT GRINDER
George H. Goulden, Denver, Colo.
Application July 16, 1935, Serial No. 31,555
8 Claims. (Cl. 51—241)



1. A crank shaft grinding tool comprising: a

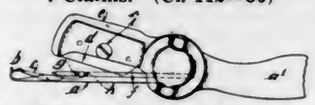
housing block provided with a V-shaped notch for receiving a crank shaft bearing; a longitudinally movable sleeve extending from the bottom of said notch through said block; a grinding shaft supported in said sleeve; a grinding wheel mounted on said grinding shaft in said notch; means for clamping said bearing in said notch; and means for feeding said sleeve toward said bearing.

2,061,765
PERMANENT MOLD
Marius Guyot, Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
Application September 1, 1932, Serial No. 631,322
7 Claims. (Cl. 22—152)



1. A casting apparatus comprising a recessed mold and a core associated therewith, means for moving said core into said recessed mold to an intermediate position therein, and further means independent of the first-mentioned means for advancing said core into final position within said recessed mold.

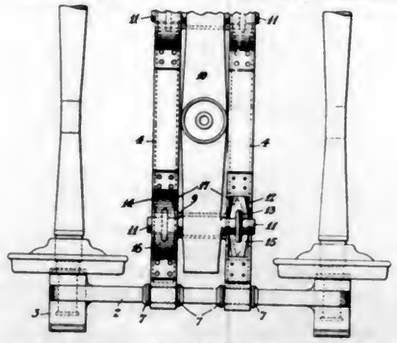
2,061,766
RUG-MAKING TOOL
David Hooker Hannay, Cheadle Hulme, Cheshire, England
Application March 26, 1936, Serial No. 70,960
In Great Britain March 25, 1935
7 Claims. (Cl. 112—80)



1. A hand tool for rug-making, comprising a handle, a shank extending from the handle for reciprocation through successive interstices of a woven rug-backing, a hook on the end of the shank for drawing a loop of yarn through such interstices and then releasing it, and a cutter blade carried by the handle having its cutting edge at an acute angle to the shank and facing the hook so as to sever a loop released from the hook and passed along the shank.

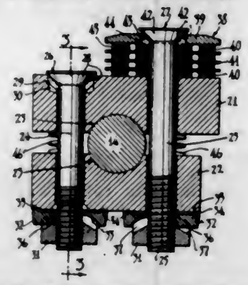
2,061,767
CAR TRUCK
Roy C. Hobson, Willoughby Township, Lake County, Ohio, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio, a corporation of Ohio
Application August 12, 1932, Serial No. 628,460
26 Claims. (Cl. 105—197)

1. In a car truck, a side frame, a bolster, said bolster having a projection, means comprising a rubber element cooperating with said projection and subjected to a shearing stress upon a movement of the bolster with respect to the side frame for cushioning said movement, and means com-



prising another rubber element cooperating with said projection and subjected to a shearing stress upon movement of the bolster with respect to the side frame in another direction for cushioning the last mentioned movement.

2,061,768
FRICTION GRIP FOR DRILLING MACHINES
Albert Hossfeld, Winona, Minn.
Application April 18, 1935, Serial No. 17,069
3 Claims. (Cl. 24—243)

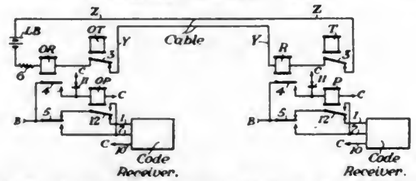


1. The combination with a member, of a friction grip on the member comprising a pair of blocks having in their opposing faces half seats in which the member is held, said blocks being held spaced apart by the member, unyielding means connecting the blocks on one side of their seats, and a yielding variable tension device connecting the blocks on the other side of their seats.

2,061,769
METHOD OF TREATING BRAKE DRUMS
J Harold Hunt and Albert P. Schweizer, Lansing, Mich., assignors to Motor Wheel Corporation, Lansing, Mich., a corporation of Michigan
No Drawing. Application March 19, 1935, Serial No. 11,882
4 Claims. (Cl. 148—21.6)

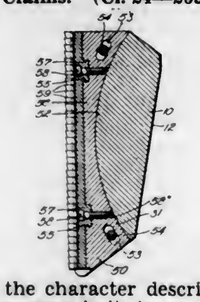
1. The method of producing steel brake drums having high score resisting properties which comprises providing an annular braking surface formed of hypo-eutectoid steel containing between approximately 1% and 2% of manganese, heating the braking surface to a temperature of approximately 1550° F., cooling the braking surface at a rate equivalent to cooling in air at atmospheric temperature, and thereafter sizing the braking surface to produce true circularity.

2,061,770
REMOTE CONTROL APPARATUS
Arthur P. Jackel, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application October 30, 1934, Serial No. 750,657
3 Claims. (Cl. 177—353)



1. In a remote control system, a line circuit having a portion included in a cable, a transmitter contact at one point in said line circuit for repeatedly connecting a source of energy to said line circuit to produce a code, a second contact at another point in said line circuit operable independently of said first contact to produce a code, a portion at least of said cable being located between said two points, a line relay responsive to said codes and included in said line circuit adjacent said second contact, said line relay being adapted to pick up momentarily due to transient current resulting from the discharge of the energy stored in said cable after said first contact opens if the second contact then becomes closed, a repeating relay, an energizing circuit for said repeating relay including a back contact of said line relay, a code receiver having two control circuits adapted to be closed alternately and repeatedly in accordance with the codes delivered by said line relay, means for closing one receiver control circuit comprising a back contact of said line relay, and means for closing the other receiver control circuit comprising in series a front contact of said line relay and a back contact of said repeating relay.

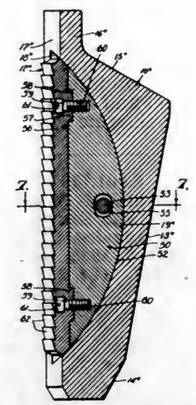
2,061,771
SLIP
George E. McLagan, Monterey Park, Calif.
Application April 4, 1936, Serial No. 72,727
12 Claims. (Cl. 24—263)



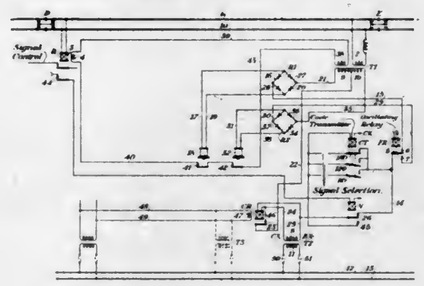
1. A slip of the character described including a body having a recess in its inner side, the recess presenting a convex wall, and a pipe gripping member arranged in the recess and having a concave surface shiftably bearing on said wall whereby the member may move about a substantially horizontal axis to grip a vertical pipe.

2,061,772
SLIP
George E. McLagan, Monterey Park, Calif.
Application April 4, 1936, Serial No. 72,728
14 Claims. (Cl. 24—263)

1. A slip for arrangement in a tapered opening including a body section having a downwardly and inwardly inclined outer surface to seat in the opening, a pipe gripping element carried at the inner side of the body section, and cooperating surfaces on the body section and element supporting the element to rock about a substantially horizontal axis whereby it may assume a position to evenly cooperate with a pipe.



2,061,773
RAILWAY TRAFFIC CONTROLLING APPARATUS
Bernard E. O'Hagan, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application July 3, 1935, Serial No. 29,657
9 Claims. (Cl. 246—34)

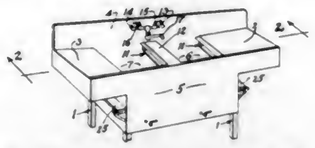


1. In combination, a section of railway track, a relay having two cooperating windings one of which receives current from the rails of said section, a transformer provided with two secondary windings and a primary winding having a midterminal, means to supply current from one secondary winding to the rails of the section, other means to supply current from the other secondary winding to the other one of said relay windings, a source of alternating signaling current, means to connect one terminal of the source with said midterminal, and means including an oscillating contact to alternately connect the other terminal of the source to the opposite outside terminals of said primary winding to cause the current to flow first in one portion of the primary winding and then in the other portion of the winding whereby the relative polarities of the currents supplied to the two relay windings are periodically and simultaneously reversed.

2,061,774
HYDRAULIC CEMENT AND METHOD OF MAKING SAME
Hans M. Olson, Fallbrook, Calif.
No Drawing. Application January 27, 1936, Serial No. 61,058
5 Claims. (Cl. 106—24)

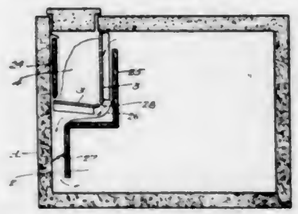
2. The process of preparing a cementitious product consisting in intergrinding a dry cementitious material and an oleaginous substance in the presence of chlorine gas.

2,061,775
DISHWASHING MACHINE
James A. Panos and Samuel D. Christie, Los Angeles, Calif.
Application July 5, 1935, Serial No. 29,946
3 Claims. (Cl. 259—64)



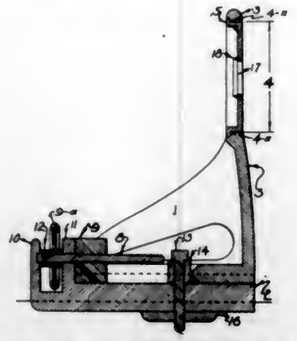
1. A dish washing machine comprising: a frame having a splash board forming a back, shelves at the ends thereof extending forwardly of said back, a vertical partition intermediate said shelves, end walls adjacent the inner ends of said shelves and a front, providing a pair of similar receptacles for a cleaning solution and water, respectively, a rotatable impeller mounted on a transverse horizontal axis and supported at corresponding ends of each of said receptacles and in the upper portions thereof so as to be partially submerged in the liquid, said receptacles being adapted to support dishes edgewise therein so that during the rotation of said impellers the liquid will be discharged forcibly upon and between said dishes, and means for operating said impellers.

2,061,776
REFRIGERATION
Edward Rice, Jr., Croton-on-Hudson, N. Y., assignor to International Carbonic, Inc., Wilmington, Del., a corporation of Delaware
Original application July 7, 1933, Serial No. 679,435. Divided and this application November 3, 1934, Serial No. 751,392
14 Claims. (Cl. 62—91.5)



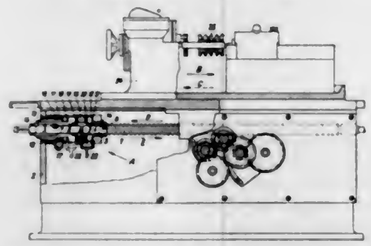
2. In refrigerating apparatus, cooled by a solid refrigerant, a compartment adapted to contain the material to be refrigerated; a refrigerant-containing bunker within said compartment; a solid metallic heat conductor of a good conducting metal forming the bottom and a side wall of the said bunker and having heat-absorbing metal fins on the outside surface of said bottom and side walls, the said bottom wall forming a support for the solid refrigerant; and a continuous baffle embracing said finned surfaces and having openings at both ends whereby air from the refrigerated compartment may circulate in contact with the finned heat-absorbing surfaces of the conductor.

2,061,777
LATHE
John Fredrick Schaffner, Arcadia, Wis.
Application July 24, 1935, Serial No. 32,925
4 Claims. (Cl. 142—55)



1. In a centering device for lathes, a head provided with a stepped recess adapted to receive and hold a lathe center having a central aperture, said head provided with a recess at its center having a projecting annular skirt surrounding the same, a center for the centering device slidably supported by said skirt and provided with a tail piece slidably extending through said head, a head mounted on said tail piece for securing it to the first head, a spring interposed between the center for the centering device and the first head for holding the center for the centering device extended, and a cap on the head.

2,061,778
COMPENSATING MECHANISM FOR THREAD CUTTING MACHINES
Heinrich Schicht, Huckeswagen, Germany, assignor to the firm: W. Ferd. Klingelnberg Söhne, Remscheid-Berghausen, Germany
Application July 27, 1935, Serial No. 33,592
In Germany January 10, 1934
6 Claims. (Cl. 51—232)



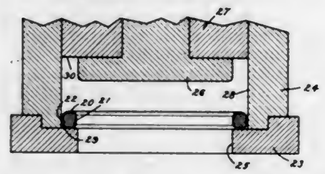
1. In combination a thread cutting machine bed; a tool support on said bed; a work slide movable on said bed; means including a lead screw journalled in said bed and capable of limited axial movement in its journals for causing said slide to move in operative relation to said support; and means for moving said lead screw and work table in unison in either direction to compensate for play in said first-named means,

and to cause said tool to register accurately with the threads on the work for either direction of travel of said slide.

2,061,779
METHOD FOR PREPARING ANTIOXIDANTS
Waldo L. Semon, Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
No Drawing. Application June 10, 1932, Serial No. 616,495
17 Claims. (Cl. 260—36)

1. The method of preparing an anti-oxidant which comprises heating a di (hydroxy-aryl) substituted saturated hydrocarbon obtained by acid condensation from a phenol and a liquid aliphatic ketone, in the presence of a non-oxidizing mineral acid with a substance having the formula R—NH—R' wherein R is a group selected from the class consisting of aryl groups and alkoxy-aryl groups and R' is a group selected from the class consisting of hydrogen, aryl groups and alkoxy-aryl groups.

2,061,780
PISTON RING AND PROCESS OF PRODUCING SAME
Charles R. Short, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application July 16, 1923, Serial No. 651,687
34 Claims. (Cl. 29—156.6)

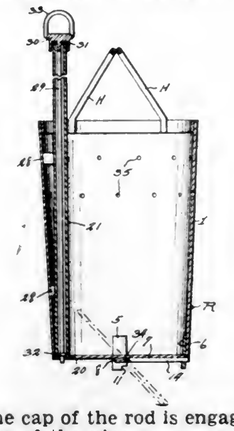


12. A piston ring of which the inner and outer surfaces have a structure characteristic of that produced by longitudinal displacement, and the upper and lower surfaces a structure produced by lateral displacement of metal.

20. That process of making radially expansible split packing rings which comprises as steps bending a length of wire or rod of a strong, tough and durable material capable of sliding in contact with the inner surface of a cast-iron cylinder wall under normal working conditions without scoring the wall to form a single substantially plane annular turn having a gap at one point, and severing said turn from the length of material.

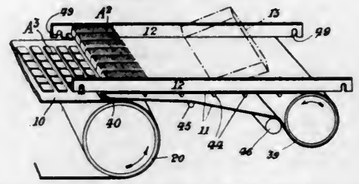
2,061,781
RECEPTACLE FOR CATCH BASINS OR THE LIKE
Hyman Stein, Chelsea, Mass.
Application October 24, 1935, Serial No. 46,574
3 Claims. (Cl. 182—2)

1. A receptacle for catch basins and the like open at the top and bottom, a tilting bottom plate carried by the receptacle, a suction release pipe extending from the bottom of the receptacle to a point thereabove, a rod insertable within the release pipe, a cap carried by the rod engageable over the upper portion of the release pipe to close the same, said rod being of a length substantially equal to the length of the release pipe, and an enlargement carried by the rod of a diameter substantially equal to the diameter of the pipe and positioned adjacent to the lower end of the



pipe when the cap of the rod is engaged with the upper portion of the pipe.

2,061,782
CONVEYER
Archibald William Stroud, Milngavie, Scotland
Application December 17, 1935, Serial No. 54,888
In Great Britain June 29, 1934
3 Claims. (Cl. 198—34)

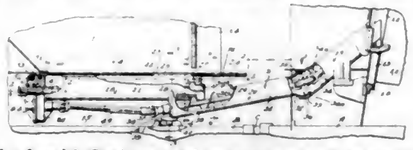


1. In combination with a travelling main conveyer for articles of confectionery; consisting of a flat belt feed conveyer having a stationary location and adapted to receive thin and flat articles of confectionery closely packed together on edge in an assembly consisting of laterally abutting longitudinally extending rows, such articles being individually unstable while on edge and thus mutually interdependent for support longitudinally of the feed conveyer, said flat belt feed conveyer having a short and steeply inclined article delivering end placed entirely above the main conveyer so that each of the articles falls flat on the main conveyer at the instant when the article reaches the incline of said article delivering end, and means driving the feed conveyer to travel in its stationary location at a speed so much lower than that of the main conveyer that the articles arrange themselves in close formation upon the main conveyer.

2,061,783
STOKER MECHANISM
Charles J. Surdy, Tuckahoe, and Edwin Archer Turner, New York, N. Y., assignors to The Standard Stoker Company, Incorporated, a corporation of Delaware
Application December 12, 1934, Serial No. 757,128
3 Claims. (Cl. 198—15)

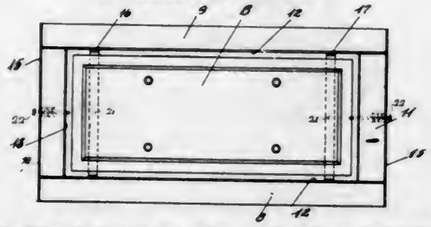
1. In combination with an articulated locomotive and tender, the former having a firebox and the latter having a fuel bin, stoker mechanism for transferring fuel from the bin to the locomo-

tive firebox including a conveyor rigidly mounted on the locomotive and communicating with said firebox, a conveyor rigidly mounted on the tender to receive fuel from the bin and arranged to urge the fuel forwardly toward the locomotive firebox, an intermediate conveyor between the first and second named conveyors, said intermediate conveyor at one end being flexibly connected in end-to-end relation with the adjacent



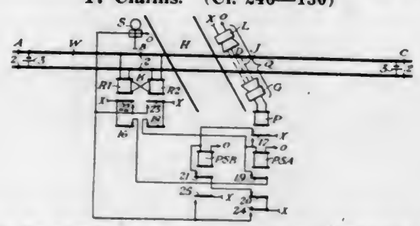
end of said first named conveyor and having an unvarying longitudinal relation with such conveyor, said intermediate conveyor at its opposite end being offset and separated from the adjacent end of the second named conveyor and having a varying longitudinal relation with such conveyor, the aforesaid opposite end of said intermediate conveyor being also arranged for movement about horizontal and vertical axes.

2,061,784
BURIAL APPARATUS
Lloyd V. Troup, Saginaw, Mich.
Application May 25, 1935, Serial No. 23,415
3 Claims. (Cl. 27—26)



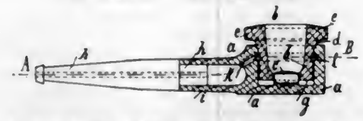
1. In a burial apparatus of the class described and comprising a sectional collapsible frame adapted to support a vault base over a grave opening, drop hanger brackets pivotally and detachably connected to the side members of the frame and adapted to receive said vault base, and means on the frame for engaging and locking the hanger brackets as they are swung upwardly into alignment with the frame.

2,061,785
CONTROLLING APPARATUS FOR HIGHWAY CROSSING SIGNALS
James J. Vanhorn, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application June 15, 1935, Serial No. 26,731
17 Claims. (Cl. 246—130)



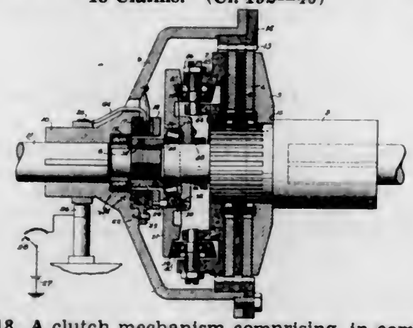
1. In combination, a stretch of railway track divided into two sections, a signal, a relay operable by a train entering one of said sections for operating said signal, another relay operable by a train entering the other section for operating said signal, a device for indicating the presence of a train at a particular point in one of said sections, said device being effective regardless of the presence of the wheels or axles of such train, and means controlled by said device for at times operating said signal.

2,061,786
TOBACCO PIPE
Eduard Vollmann, Wuppertal-Barmen, Germany
Application October 4, 1935, Serial No. 43,606
In Germany April 23, 1934
1 Claim. (Cl. 131—12)



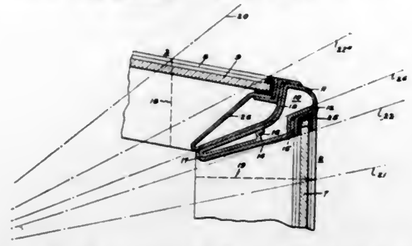
In a smoking pipe comprising a cylindrical outer bowl provided with a mouthpiece receiving socket and a mouthpiece positioned in said socket, an upstanding projection positioned centrally within said bowl, an inner tobacco receiving bowl having an opening in its bottom of a diameter slightly larger than the external diameter of said projection, the lower portion of said inner bowl having cylindrical external configuration of a diameter slightly less than the interior diameter of the outer bowl, an outwardly projecting flange at the upper periphery of said inner bowl, a frusto-conical shoulder formed on the exterior of said inner bowl between said lower cylindrical portion and said peripheral flange adapted to engage a tapered annular surface provided within the outer bowl adjacent the upper edge thereof when the bowls are nested to maintain the lower cylindrical portion of the inner bowl slightly spaced from the outer bowl and to maintain the opening in the bottom of the inner bowl spaced from said projection, the bottom of said inner bowl being spaced from the bottom of the outer bowl to provide an annular passage therebetween, one of said bowls having an annular groove formed in the side thereof immediately below the frusto-conical shoulder to provide a smoke equalizing chamber, and a duct connecting said chamber with the mouthpiece socket.

2,061,787
MAGNETIC CLUTCH
Arthur P. Warner, Beloit, Wis.
Application November 15, 1933, Serial No. 698,129
18 Claims. (Cl. 192—40)



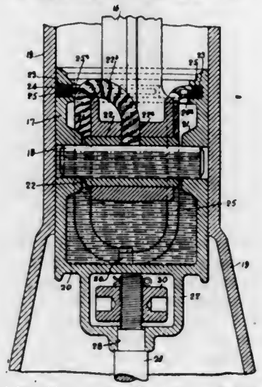
18. A clutch mechanism comprising, in combination, a main multiple disk clutch having rotary driving and driven disk elements with one terminal element mounted for axial movement to cause gripping engagement of the clutch disks, a magnetic pilot friction clutch adapted when energized to derive an actuating force directed circumferentially of the rotational axis of said main clutch, and a motion-transmitting connection between said pilot clutch and said terminal disk element for augmenting the actuating force and applying the same in an axial direction to the latter element, said connection including a thrust sustaining member and an anti-friction bearing rotatably supporting said member for automatic self-alignment with respect to said terminal element.

2,061,788
AUTOMOBILE BODY
Edward A. Wright, Fresno, Calif.
Application March 1, 1926, Serial No. 91,322
10 Claims. (Cl. 296—28)



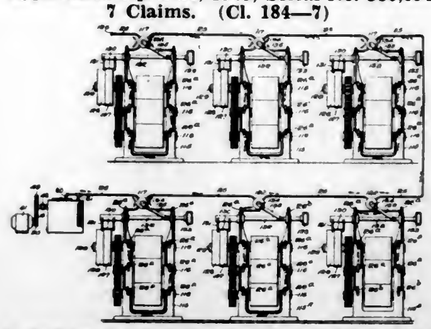
4. In an automobile body having transversely arranged seats for a first occupant and a second occupant, a front corner pillar, a door frame in juxtaposition therewith, the periphery of said pillar and said frame together being substantially polygonal in horizontal cross-section, two sides of the polygon remote from said first occupant following the general contours of the body, another forward side of said polygon being substantially in alignment with the said first occupant's forward line of vision past said pillar, and another side of said polygon being substantially in alignment with said second occupant's forward line of vision past said pillar.

2,061,789
DEEP WELL PUMP
Arthur C. Zimmerman and Elmer F. Steger, Dayton, Ohio, assignors to The Duro Company, Dayton, Ohio, a corporation of Ohio
Original application October 18, 1934, Serial No. 748,898. Divided and this application June 24, 1935, Serial No. 28,100
7 Claims. (Cl. 308—5)



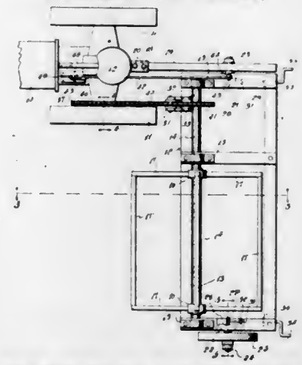
1. A combination crosshead and lubricant reservoir consisting of a cup-shaped member defining a reservoir adapted to contain lubricant and having an annular inner groove adjacent its open end and openings leading from the groove to the outer surface of said member, a lubricant bearing wick disposed in said groove and having one end thereof extending downwardly into the contained lubricant, and a snap ring holding the wick in the groove, whereby lubricant is conveyed from the reservoir upwardly by capillarity through the openings to the outer surface of the member by the wick.

2,061,790
LUBRICATING SYSTEM
Frederick C. Blanchard, Dorchester, Mass.
Application April 20, 1929, Serial No. 356,694
7 Claims. (Cl. 184—7)



1. The combination of a machine having controlling means to start and stop the same, one or more oil feeders for feeding oil to said machine, a feeder-supplying conduit, means for supplying to the inlet of said conduit oil under pulsating pressure which causes said feeder or feeders to respond when it rises to a predetermined point, and means connected to said controlling means to cause stopping of said machine to be accompanied by cessation of the supply of oil to said machine.

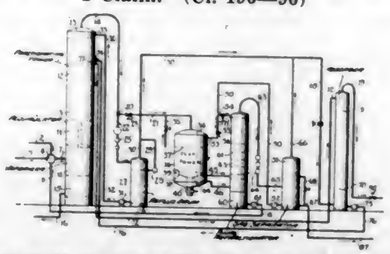
2,061,791
COTTON STALK KNOCKER
Charles W. Davenport, Gunter, Tex.
Application January 2, 1936, Serial No. 57,276
5 Claims. (Cl. 56—60)



5. An attachment for a draft vehicle having a rotatable element, a frame having a bar, a beater means journaled on said frame, and arranged to move stalks against said bar for breakage, means operable to drive said beater means attachable to said element, a draw bar on said frame attach-

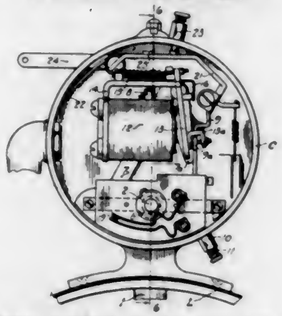
able to the draft vehicle, axle members, brackets carrying said axle members, means operable to vary the position of the brackets relatively to the frame, one of said axle members being connected to the draw bar, and a wheel connected to the other axle member.

2,061,792
METHOD OF REACTIVATING HYDROCARBONS
Sylvester Dayson, Baird, Tex., and Jubal R. Parten, Shreveport, La.
Application December 22, 1932, Serial No. 648,326
1 Claim. (Cl. 196—96)



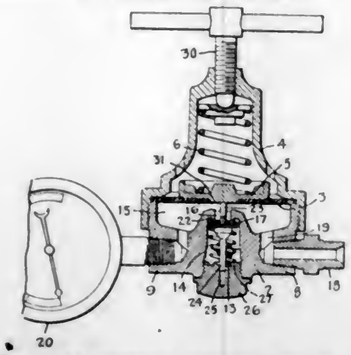
A process of increasing the yield of gasoline from hydrocarbons which comprises fractionating the cracked crude oils, leading off the lighter constituents of the fraction thus obtained to a reactivator, passing the heavier constituents back to the top of the fractionating column to control the end point, reactivating the lighter constituents, refractionating the reactivated fluid and drawing off the accumulated polymers, refluxing the polymers so drawn off by introducing them into the cracked charge entering the process, introducing with the cracked charge and the polymers a charge of reduced crude oil to control the entrance temperature of the composite charge.

2,061,793
SAFETY DEVICE FOR MOTION PICTURE PROJECTORS
Joseph De Luca, Philadelphia, Pa., assignor to Sentry Safety Control Corporation, Philadelphia, Pa., a corporation of Delaware
Application September 17, 1934, Serial No. 744,395
4 Claims. (Cl. 88—17)



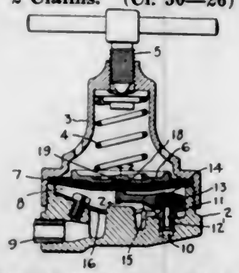
1. A dowser control mechanism for a motion picture projecting machine comprising a shaft, a dowser mounted upon said shaft, a plurality of cam plates mounted upon said shaft, a notch in the periphery of each plate, said plates in alinement so that the notches coincide, radially extending edges defining a portion of the notch, a roller connected between said plates adjacent one of the radially extending edges, a roller also located upon said shaft and having a notch therein, a plurality of flexible contacts located adjacent said notched roller, one of said contacts having an extension to engage into said notch of the roller whereby the contacts will be opened when said extension and notch are interfitting.

2,061,794
PRESSURE REGULATOR
George M. Deming, East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y., a corporation of New York
Application March 15, 1933, Serial No. 660,817
7 Claims. (Cl. 50—23)



1. In a gas pressure regulator wherein a diaphragm acted upon by the regulated gas pressure is interposed between a regulator spring and valve means coacting with an orifice; a diaphragm unit disposed in the stated relation and consisting of a rubber diaphragm clamped at its margin and a large, rigid diaphragm plate back of the diaphragm, between the same and the regulator spring, said diaphragm and diaphragm plate being permanently united by an interfacial bond which leaves only a narrow annular zone of the rubber diaphragm free to flex.

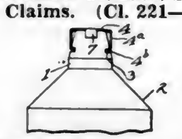
2,061,795
PRESSURE REGULATOR
George M. Deming, East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y., a corporation of New York
Application March 15, 1933, Serial No. 660,818
2 Claims. (Cl. 50—26)



1. In a pressure regulator of the kind described, the combination of an imperforate rubber diaphragm, a diaphragm plate which is unfastened to the diaphragm, and a valve lever having an arched crest to bear against said diaphragm and accommodate the rocking movement of the lever, said crest being rounded in one direction and elongated in the other direction and having a small spherically rounded protuberance at the

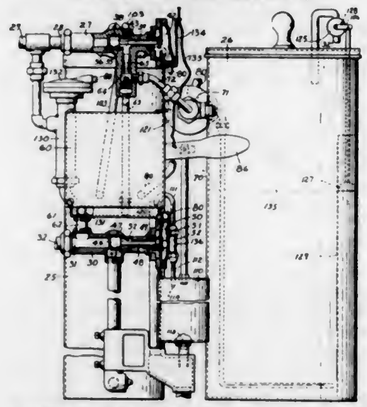
center of its length, and said diaphragm plate having a central concavity which cooperates with said protuberance to centralize the diaphragm plate, said concavity being small in relation to the length of the crest which coacts in thrust through the interposed diaphragm with the face of the diaphragm plate.

2,061,796
CLOSURE FOR CONTAINERS
Donald Welz Des Roches, Toronto, Ontario, Canada
Application December 14, 1934, Serial No. 757,423
7 Claims. (Cl. 221—60)



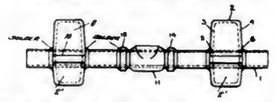
1. A closure for containers, comprising a discharge end provided with shoulders on opposite sides thereof spaced from and substantially parallel to the plane of the top, and a slide cap of resilient material having flanges depending from two opposite sides thereof and being of a height slightly less than the distance between said shoulders and the plane of the top of the discharge end of the container, the lower edges of said depending flanges being inturned for engagement with said shoulders whereby the cap is held on the discharge end under tension and in close contact with the top of the discharge end.

2,061,797
WATER SOFTENER
Charles P. Eisenhauer, Dayton, Ohio
Application April 9, 1931, Serial No. 528,827
33 Claims. (Cl. 210—24)



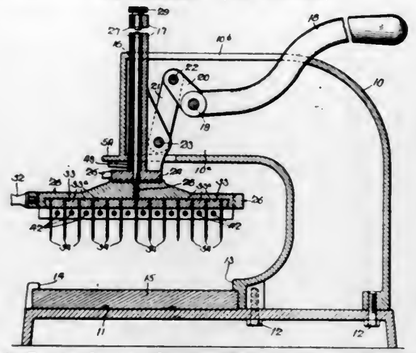
1. Apparatus for softening water, comprising a tank containing water-softening material and a reservoir containing regenerative liquid, mechanism for alternately putting said apparatus in condition for softening water and for regenerating the softening material, means comprising a lever which when lifted sets said mechanism in action, whereby the apparatus is put into regenerative condition and regenerative liquid from said reservoir is caused to flow through the softening material in said tank, and a bucket suspended from said lever, to which waste liquid from the tank is conducted, and whereby, when a predetermined amount of liquid has accumulated therein, the lever is pulled down to its former position, thereby restoring the apparatus to condition for softening water.

2,061,798
PATTERN GATE CONSTRUCTION
Raoul J. Hebert, Worcester, Mass.
Application August 15, 1934, Serial No. 739,952
8 Claims. (Cl. 22—162)



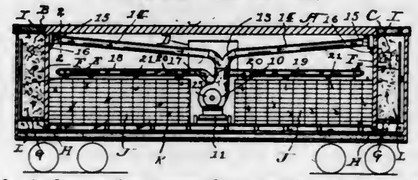
1. A feeder pattern, for gate patterns, of substantially hollow construction having means whereby it may be slidably assembled on a runner pattern and further means for attaching patterns thereto.

2,061,799
MEAT TENDERER
John C. Hintz, River Forest, Ill., assignor to Tenderet Corporation, Chicago, Ill., a corporation of Illinois
Application January 19, 1935, Serial No. 2,481
14 Claims. (Cl. 17—25)



4. In a device for tendering meat, the combination with a frame member having a base, of a knife-carrier slidably mounted on the frame for movement toward and from the base, cutting knives carried in spaced relation by said knife-carrier, a stripper comprising oppositely directed fingers disposed between the cutting knives, said stripper being rockably carried for movement with the knife-carrier, and means engaging the stripper in one direction of movement of the knife-carrier, said last mentioned means forming means for rocking and to automatically release the stripper upon its other direction of movement.

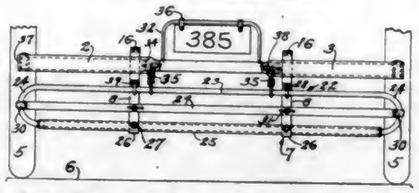
2,061,800
PRECOOLER FOR REFRIGERATOR CARS
James D. Huston, Imperial, Calif., assignor of one-half to A. B. Humphrey Co., Escalon, Calif., a corporation of California
Application August 6, 1926, Serial No. 127,542
5 Claims. (Cl. 62—24)



1. A device for precooling produce in a refrigerator car having an ice bunker at one end opening into the car both at top and bottom, compris-

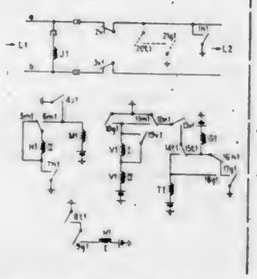
ing, a portable truck to rest on the floor of the car, a blower mounted on the truck, a motor connected to the blower and also mounted on the truck, an inlet conduit projecting upwardly from the blower to a position adapted to direct a current of air from the top of said ice chamber into the blower, and an outlet conduit extending from the blower to a position over the produce in said car.

2,061,801
SAFETY BUMPER
Goro Kawasaki, Los Angeles, Calif.
Application July 3, 1933, Serial No. 678,760
4 Claims. (Cl. 293—55)



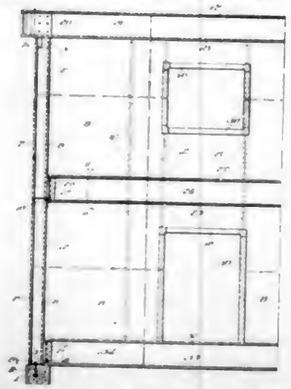
1. In a device of the character set forth comprising a resilient bumper frame; clamps fixed to a chassis of a car and having hinge ears; a lower section comprising spring arms and a tubular frame hinged to said hinge ears to permit of vertical swinging of said lower section and tubular frame; spring stop supports fixed to said clamps and adapted to hold said spring arms and tubular frame when in normal and lowered positions; a license frame extending upwardly above said bumper frame and constructed to permit coil springs that are fixed to said lower section and to each end of said license frame at a tension to keep it in upright position and raise said lower section and to hold it in normal carrying position.

2,061,802
IMPULSE REPEATER
Walter Kroll and Georg Zapf, Berlin, Germany, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany.
Application May 23, 1935, Serial No. 23,112
In Germany May 24, 1934
14 Claims. (Cl. 179—16)



1. In an impulse correcting repeater arranged to respond to the impulses of a series by transmitting a corrected series of impulses responsive to the receipt of the incoming series of impulses, means for causing the repeating of each impulse of a series only upon the termination of each incoming impulse of a series, and means for causing the repeated impulses to be always of a certain length.

2,061,803
BUILDING CONSTRUCTION
George R. Meyercord, Chicago, Ill.
Application October 7, 1933, Serial No. 692,571
10 Claims. (Cl. 20—4)



1. A structure which has great strength as a hollow box-like beam comprising parallel wood panels having grooves in and extending lengthwise of opposite edges thereof, metal beams each having spaced parallel flanges extending lengthwise thereof and fitted into and filling corresponding grooves in the panels, and fastenings extending through at least some of the flanges and adjacent portions of the panels engaged by such flanges.

2,061,804
RAIL ANCHOR AND THE METHOD OF MAKING THE SAME
Daniel C. Mulvihill, Hannibal, Mo., assignor to Hannibal Car Wheel and Foundry Company, a corporation of Missouri
Application June 3, 1935, Serial No. 24,616
4 Claims. (Cl. 29—169)



1. A method of manufacturing a rail anchor which comprises bending one end of a metal strip back upon itself to form a return bent portion in parallel with the body portion forming a slot at an angle to a side edge of the strip in the overlapping portions in one side edge thereof, skewing the return bent portion to offset the slot therein, twisting the end portion of the strip through an angle of 90°, bowing the intermediate portion downwardly, and bending the end of the strip opposite the slots upwardly.

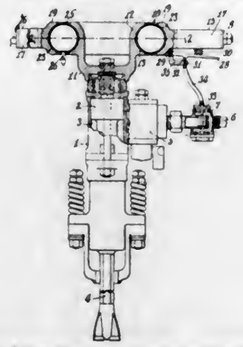
4. A rail anchor formed of a flat metal strip having one end bent transversely to form a lug and having a laterally entering tapering notch adjacent its opposite end, the portion extending from the lug to the notch being bowed and being twisted through about 90° about its unnotched margin.

2,061,805
SIGN
John Windrush Newman, London, England
Application April 29, 1935, Serial No. 18,816
14 Claims. (Cl. 40—133)

1. A sign comprising, a back slotted in the form of characters and light transmitting strip-like substances disposed in the slots and projecting on opposite sides of the back, said strip-like substances having irregularities formed therein on opposite sides of the back for holding the light transmitting substance in the back and for diffusing light at the base of the characters.

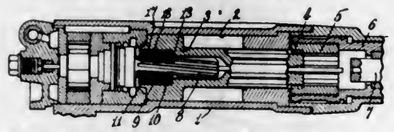


2,061,806
SHOCK ABSORBING DEVICE
Warren Noble, Michigan City, Ind., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application February 28, 1934, Serial No. 713,334
12 Claims. (Cl. 121—36)



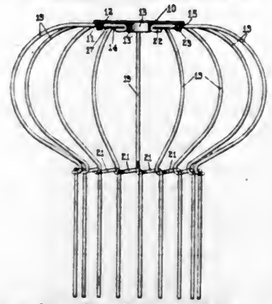
1. In combination, in a percussive tool, an impact motor, a supporting handle therefor, shock absorbing means between said handle and said impact motor including a pneumatic cushion of annular tire-like form, and supporting means on said handle and motor respectively for securing said annular cushion in position therebetween, one supporting means projecting within the open center of said annular cushion and said supporting means having concentric surfaces engaging the inner and outer surfaces of said annular cushion.

2,061,807
ROCK DRILL RIFLE NUT AND METHOD OF MAKING SAME
Warren Noble, Michigan City, Ind., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application February 28, 1934, Serial No. 713,335
6 Claims. (Cl. 29—148.2)



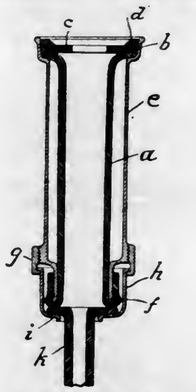
4. A method of making rifle nuts or the like comprising stamping from relatively thin material a series of discs of appropriate internal conformation, positioning said discs in staggered relation by suitable means to cause their inner peripheries to provide one or more stepped lands, securing the discs together, and providing means for fixing of the unit at a point of use.

2,061,808
WIRE GUARD
Max Rachlin, Brooklyn, N. Y., assignor to Herman Wiener, Maspeth, Long Island, N. Y.
Application November 15, 1934, Serial No. 753,126
5 Claims. (Cl. 210—170)



1. In a guard, a plurality of ribs, a crown device for receiving and clamping end portions of said ribs, said crown device comprising an outer member and an inner member and between which said end portions are clamped, and one of said members having a central opening through which said end portions are bent, the other of said members having an extended rim for entering into said central opening and wedging said end portions into firm engagement with the rim of the central opening of said member.

2,061,809
TEAT CUP LINER
Walter A. Scott, Poughkeepsie, N. Y., assignor to The De Laval Separator Company, New York, N. Y., a corporation of New Jersey
Application April 24, 1935, Serial No. 17,891
6 Claims. (Cl. 31—84)



1. A flexible and elastic teat cup liner comprising a main body having an expanded upper end and a removable and replaceable internal mouth-piece within the expanded upper end of the liner, said mouth-piece comprising a disc of flexible and elastic material having a central orifice the internal diameter of which is less than that of the edge of the overlying upper end of the liner and at most no greater than the internal diameter of the main body of the liner.

2,061,810

PROCESS OF DISTILLING ALCOHOLS

William H. Shiffler and Melvin M. Holm, Berkeley, Calif., assignors to Standard Oil Company of California, San Francisco, Calif., a corporation of Delaware

No Drawing. Application March 3, 1933, Serial No. 659,494. Renewed November 27, 1935
19 Claims. (Cl. 202—41)

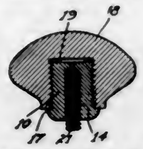
9. A continuous process of distilling alcohol from alcohol-yielding sulphuric-acid liquors, which comprises continuously passing such liquors to the central portion of a reflux column, therein continuously refluxing liquid, continuously withdrawing an alcohol-rich distillate from the top of the column, continuously returning a reflux liquid to the said column, continuously withdrawing liquor from the lower portion of the column and passing the same through a boiler from which liquid and evolved water vapors are returned to the lower end of said column, and continuously removing from the bottom of the said column a substantially alcohol-free sulphuric acid of higher acid concentration than the liquor passed to the said boiler.

2,061,811

MOUNTING PLUG

John Sinko, Chicago, Ill.

Application December 12, 1934, Serial No. 757,190
3 Claims. (Cl. 287—53)



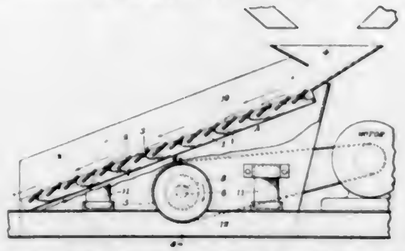
1. In a combination of the character described, a knob having a threaded socket therein, a separate shaft, and an intermediate mounting plug open at one end and fitting snugly within said threaded socket, said plug having yieldable ribs on the outside surface thereof for yieldingly and frictionally engaging the internally threaded socket of the knob, with said plug fitting over the end of said shaft to support the knob on the shaft.

2,061,812

METHOD OF SORTING MATERIALS

Franklin A. Slater, Pontiac, Mich., assignor of one-eighth to George B. Willcox, Saginaw, Mich.

Application February 16, 1933, Serial No. 656,975
2 Claims. (Cl. 209—2)



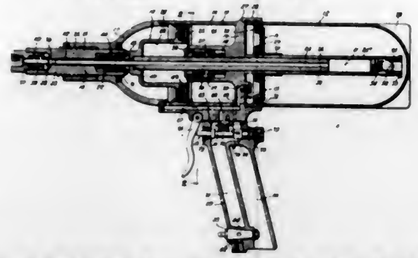
2. The method of separating hard stones from softer stones of substantially the same size and shape, which consists of moving the material in a downwardly inclined path by individually subjecting the constituent pieces of the aggregate to blows directed upwardly and at an angle toward the lower end of such path, said blows being delivered with force and rapidity appropriate to cause the aggregate to remain mostly up in the air; the harder stones, by reason of their greater resilience, being impelled higher and farther than the soft stones so as to persist in a relatively higher stratum which as a whole moves toward said lower end while the soft stones, by reason of their inferior resilience are impelled to a lesser height and are permitted to escape downwardly away from the upper stratum.

2,061,813

GREASE GUN

Neil V. Smith, Los Angeles, Calif., assignor to Smith-Johnson Corporation, Los Angeles, Calif., a corporation of California

Application November 20, 1934, Serial No. 753,864
18 Claims. (Cl. 221—47.3)



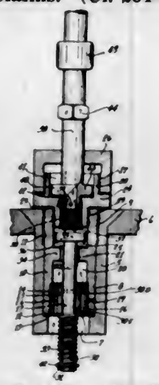
1. A lubricant gun including, a body, a lubricant discharge part on one end of the body having an opening, a part on the other end of the body having a cylinder opening of greater diameter than the first mentioned opening, means for supplying charges of lubricant to the cylinder opening, a reciprocable tubular plunger comprising a portion operable in said first mentioned opening and a portion of greater diameter operable in the cylinder opening, the plunger operating to eject lubricant from the cylinder opening and conduct it to the discharge, and means external of the cylinder opening operating the plunger.

2,061,814

FLUID CONNECTION AND VALVE ASSEMBLY

Lloyd J. Stout, Chicago, Ill., assignor to Alfred L. Stoddard, Chicago, Ill.

Application February 23, 1934, Serial No. 712,565
12 Claims. (Cl. 284—14)



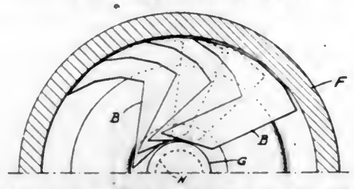
1. A compound valve structure including a valve body adapted for use in a pressure container, a pair of spaced valve seats, a valve coacting with each of said seats, a stem for each of said valves, through which the valves are reciprocally movable with respect to the body, means yieldably biasing the valves in opposition to release of pressure from the valve body, and a detachable connection between said stems.

2,061,815

NONMETALLIC GEAR, PULLEY, AND THE LIKE

John M. Taylor, Villanova, Pa., assignor to Taylor & Company, Inc., Norristown, Pa., a corporation of Delaware

Application December 1, 1933, Serial No. 700,542
5 Claims. (Cl. 74—445)



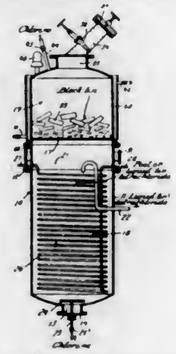
1. A non-metallic gear, pulley, or the like, comprising a plurality of L-shaped, non-metallic structural elements and a binder consolidated under pressure, said elements respectively being arranged in overlapping relation.

2,061,816

PROCESS OF MAKING TIN TETRACHLORIDE

Paul L. Tyson, New York, N. Y., assignor to General Chemical Company, New York, N. Y., a corporation of New York

Application May 14, 1932, Serial No. 611,287
15 Claims. (Cl. 23—98)



9. The method of making tin tetrachloride in a multi-stage operation carried out in communicating reaction zones which comprises charging solid tin into one reaction zone, reacting the tin therein with chlorine to form tin tetrachloride and melt tin by the heat of reaction, introducing the molten tin into a second reaction zone, and reacting tin in the second reaction zone with chlorine to form tin tetrachloride.

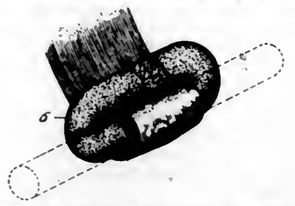
2,061,817

HAIR CURLER

Paul Van Cleef, Chicago, Ill., assignor to Van Cleef Bros., Chicago, Ill., a partnership consisting of Noah Van Cleef, Felis Van Cleef, Maxime Van Cleef, and Paul Van Cleef

Application April 24, 1935, Serial No. 17,983
2 Claims. (Cl. 132—43)

1. As a new article of manufacture, a hair curler comprising an elongated body of uniform thickness from one end thereof to the other and adapted to have a lock of hair wrapped directly around the central portion thereof and its ends bent inwardly to hold it in place with respect to the hair and formed of a substantially cylindrical



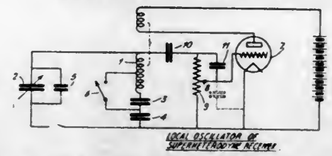
length of soft readily compressible sponge rubber, and a substantially coextensive core in the central portion of the body formed of readily pliable material and adapted to retain the ends of the body in their bent position.

2,061,818

LOCAL OSCILLATOR CIRCUIT

Theodorus Josephus Weyers, Eindhoven, Netherlands, assignor to Radio Corporation of America, a corporation of Delaware

Application September 27, 1934, Serial No. 745,777
In Germany December 4, 1933
4 Claims. (Cl. 250—36)



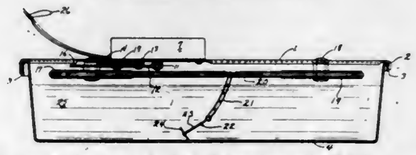
1. In a local oscillator network of a superheterodyne receiver, a tube provided with a tunable oscillation circuit, the latter comprising a coil and a variable condenser, a padder condenser in shunt with the variable condenser, a pair of padder condensers in series with each other and the coil, the series combination of the coil and pair of condensers being connected in shunt with the variable condenser, a wave range change switch connected between an intermediate point on the coil and the junction of said pair of condensers, a grid leak-condenser network connected across said coil and pair of condensers, the cathode of said tube being connected to the low alternating potential side of the grid leak resistor, the control grid of the tube being connected to an intermediate point on the said leak resistor, means for regeneratively coupling the anode and grid circuits of the tube, and a condenser connected between the high alternating potential side of the leak resistor and the intermediate point thereon.

2,061,819

FREEZING TRAY AGITATOR

Floyd J. Williams, Oklahoma City, Okla.

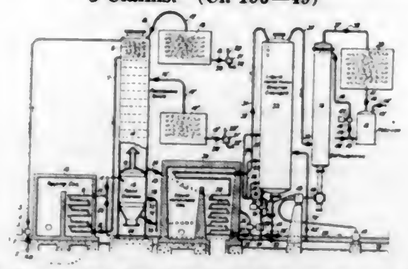
Application January 24, 1936, Serial No. 60,568
3 Claims. (Cl. 259—102)



1. In a device of the class described, the combination with a pan, of an agitator attachment

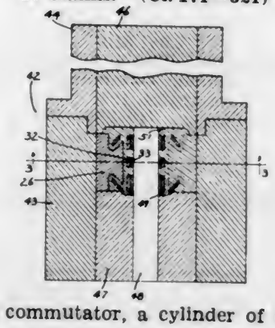
therefor including: a bracket adapted for removable disposition over the orifice of the pan, spaced pulleys carried by the bracket, a conveyor carried by the pulleys, a flexible agitating element comprising a blade carried by the free end of a chain, the other end of the chain being connected to the conveyor, said element depending into the pan and driven to movement therein by the conveyor, and means for driving one of the pulleys to rotation.

2,061,820
PROCESS FOR CRACKING OIL
Joseph G. Alther, Chicago, Ill., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application November 4, 1929, Serial No. 404,625
Renewed July 12, 1934
5 Claims. (Cl. 196—49)



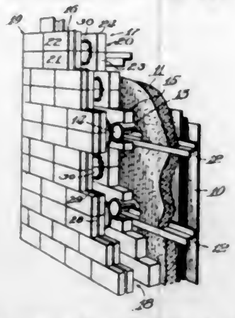
2. A process for treating high boiling point hydrocarbons to produce products of gasoline-like character comprising maintaining a low pressure zone, introducing to said low pressure zone charging oil for the process, hot residual products from liquid-vapor-phase cracking and hot residual products from vapor-phase cracking, partially distilling the charging oil in said zone and isolating the unvaporized portion thereof from the process, subjecting vapors evolved in said low pressure zone to fractionation to obtain a fraction amenable to liquid-vapor-phase cracking, subjecting the fraction thus obtained to liquid-vapor-phase cracking, subjecting vapors produced in the liquid-vapor-phase treatment to fractionation to obtain a fraction amenable to vapor phase cracking, subjecting the last mentioned fraction to vapor phase cracking and returning the residual products from both said liquor-vapor-phase cracking treatment and said vapor-phase cracking treatment to said low pressure zone.

2,061,821
COMMUTATOR
Vincent G. Apple, deceased, late of Dayton, Ohio, by Gourley Darroch, executor, Dayton, Ohio
Application April 27, 1935, Serial No. 18,526
10 Claims. (Cl. 171—321)



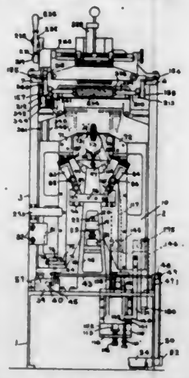
1. In a commutator, a cylinder of circumferentially spaced apart metal segments, and a continuous layer of vitreous insulation extending around the inside of the cylinder and between the segments, said insulation and metal segments being fused together at their contacting to the surfaces.

2,061,822
FURNACE WALL AND BLOCK UNIT FOR MAKING THE SAME
Fred H. Bankert, Ottawa, Ill., assignor to Chicago Retort & Fire Brick Co., Chicago, Ill., a corporation of Illinois
Application April 12, 1935, Serial No. 15,956
6 Claims. (Cl. 72—101)



3. A unit comprising furnace and exterior blocks spaced to provide a passage therebetween for the circulation of cooling air and adapted to be laid in courses to form an air-cooled furnace wall, each block comprising a pair of separable parts, and link means loosely connecting the furnace and exterior block parts.

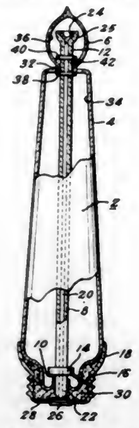
2,061,823
BOTTLE LABELING MACHINE
Hector R. Berard, Worcester, Mass.
Application July 8, 1935, Serial No. 30,219
37 Claims. (Cl. 216—54)



19. In a labeling machine, a reciprocable wiper slide, pivotally mounted wipers in closed position on said slide, means to lock said wipers in closed position, means to reciprocate said slide, and means responsive to the reciprocation of said slide to release said locking means and oscillate said wipers into open position.

37. In a labeling machine, a reciprocable picker slide, a movable strip finger, and means responsive to the movement of said slide for moving said finger.

2,061,824
LUMINOUS DEVICE
Kenneth R. Beymer, Dayton, Ohio
Application June 9, 1933, Serial No. 675,102
11 Claims. (Cl. 176—122)



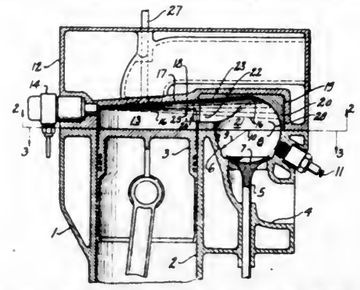
1. A luminous device comprising, in combination, a sealed receptacle having a plurality of separate sealed compartments; an insulating tubular wall extending into adjacent compartments and open to one of the compartments and sealed with respect to the other of said adjacent compartments; an electrode mounted in said receptacle outside of said barrier wall; a second electrode within the barrier wall; means conductively connecting the adjacent compartments; and means provided for connecting the electrodes to a source of potential.

2,061,825
METHOD OF TREATING COATED PIPE
Edwin P. Bly, San Francisco, Calif., assignor to International Bitumen Emulsions Corporation, San Francisco, Calif., a corporation of Delaware
No Drawing. Application January 27, 1933, Serial No. 653,833
7 Claims. (Cl. 91—70)

7. A method of the character described for the coating of a metallic structure comprising the steps of applying to said structure a first coating comprising a thermoplastic bituminous material, applying a relatively thick coating of corrosion resisting material comprising a plastic bituminous substance and a mineral aggregate, and subsequently heating the metal of said structure to a temperature sufficient to cause flow of the thermoplastic bituminous material of said first coating without loosening of the composite coating from the structure.

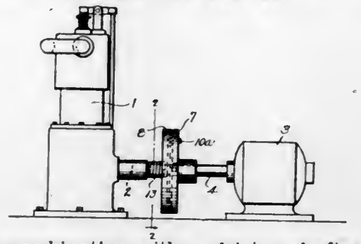
2,061,826
INTERNAL COMBUSTION ENGINE
Albert T. Bremser, Westmont, N. J.
Application January 28, 1935, Serial No. 3,792
19 Claims. (Cl. 123—32)

1. An internal combustion engine comprising a cylinder block containing a piston and a valve, a cylinder head having two cavities, the first of the two cavities formed as a continuation of said cylinder, the second cavity formed about said valve, and forming together with said cylinder block a combustion chamber with curved peripheral wall, a passage between said first cavity and said second cavity, said passage being arranged tangentially with respect to said second cavity, a valve in said head opening into said first



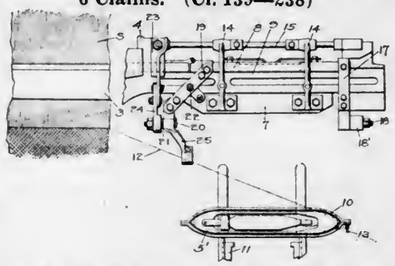
cavity, a fuel nozzle adjacent said first cavity and substantially opposite said passage and artificial ignition means in said combustion chamber.

2,061,827
DRIVING CONNECTION
Lester M. Brooks, Seattle, Wash., assignor to Weco Manufacturing Company, a corporation of Washington
Application November 19, 1934, Serial No. 753,618
1 Claim. (Cl. 192—41)



The combination with a driving shaft and a driven shaft in alinement therewith, of a driving connection comprising a disk axially fixed on the driven shaft, a flat spiral spring of a plurality of convolutions fixed at its outer end to the disk and terminating at its inner end in a coil of a plurality of turns formed about the end of the driving shaft in a loose fit, with the end turns of the coil slightly gripping the shaft whereby to effect a tightening action of the coil under driving action of the shaft, and an automatic loosening of the coil incident to a relative reverse turning of the driven shaft; said disk having a peripheral flange extended to limit the expansion of the spiral.

2,061,828
SHUTTLE CHANGE LOOM
Carl D. Brown, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a corporation of Maine
Application October 10, 1934, Serial No. 747,754
6 Claims. (Cl. 139—238)



1. In an automatic loom, a lay, a shuttle box

comprising front and rear box plates separately supported for rising movement relative to the lay, the entire lower edge of said front box plate being spaced above the lay, a stationary shuttle magazine mounted in front of said shuttle box, means for transferring a shuttle rearwardly from said magazine into said shuttle box between said box plates, and supporting means for said box plates providing an unobstructed path for the lateral exit from the front of said shuttle box of a filling end extending from said magazine through the shuttle box and into the shed.

2,061,829
METHOD OF CONVERTING DRYING OILS TO NONDRYING OILS

Ben S. Buckmaster, Chicago, Ill., assignor to Donolac Corporation, Chicago, Ill., a corporation of Illinois

No Drawing. Application April 8, 1935, Serial No. 15,259

8 Claims. (Cl. 87—12)

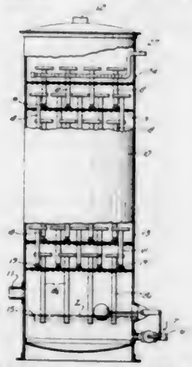
1. Process of converting a drying oil of the vegetable or animal group to a non-drying oil, which comprises: heating, by the application of heat supplied from an external source the oil with about 0.12½% to about 0.50% by weight of an agent of the group consisting of elemental sulphur and sulphur compound, to a temperature of 500° F. to 750° F.; and thereafter subjecting the so treated oil to the passage of a non-oxidizing gas therethrough to reduce the sulphur content until the product is compatible with lacquer type resins and nitro-cellulose.

2,061,830
LIQUID AND GAS CONTACTING APPARATUS

Julian A. Campbell, Long Beach, Calif.

Application August 5, 1935, Serial No. 34,767

7 Claims. (Cl. 261—113)



1. In oil and gas contacting apparatus of the character described, a horizontal plate having closely spaced fluid passing apertures, individual vertically movable distributor elements extending downwardly within said apertures, and means limiting downward movement of said elements so that in its lowermost position, each element has a substantially annular clearance from the edge of its respective aperture.

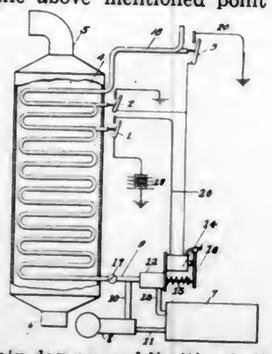
2,061,831
METHOD AND APPARATUS FOR OPERATING STEAM GENERATORS

Osmon B. Campbell, St. Joseph, Mo.

Application November 15, 1935, Serial No. 49,996

3 Claims. (Cl. 122—451.1)

1. The method of operating a series steam generator, which consists in maintaining a certain weight of water in said generator, when the temperature of the steam at a certain point in said generator is below a certain degree, and maintaining a definitely greater weight of water in said generator, when the temperature of the steam at the above mentioned point is higher



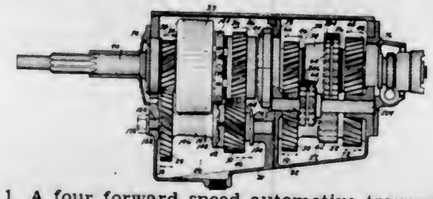
than a certain degree, and limiting both the minimum and maximum weights of water which may be present in the generator, irrespective of the temperature of the steam at the above mentioned point.

2,061,832
POWER TRANSMISSION MECHANISM

Frederick W. Cotterman, Dayton, Ohio, assignor of one-half to Bessie D. Apple, Dayton, Ohio

Application December 26, 1934, Serial No. 759,173

28 Claims. (Cl. 74—336)



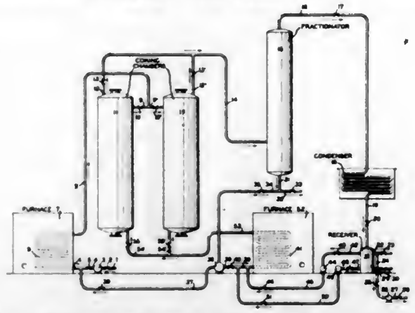
1. A four forward speed automotive transmission mechanism having main shafting comprising, a driving shaft, an intermediate shaft and a driven shaft in coaxial alignment, a first main shaft gear firmly secured on the driving shaft, a second main shaft gear secured to the intermediate shaft to rotate therewith but having slight axial movement with respect thereto, a third main shaft gear firmly secured to the intermediate shaft, a fourth main shaft gear freely rotatable on the driven shaft, a first, second, third and fourth countershaft gear in constant mesh with the said first, second, third and fourth main shaft gears respectively, means permanently connecting the third and fourth countershaft gears, an axially movable means for connecting the first and second countershaft gears, a second axially movable means for connecting the first and second main shaft gears, and a third axially movable means for selectively connecting the driven shaft to the third or fourth main shaft gears, helical teeth on the second main shaft and the second countershaft gears angled to cause the axial thrust produced by the torque load thereon to urge said gears axially opposite thereby to urge the first said axially movable means in a direction to maintain disconnection of the first and second main shaft gears, and to maintain connection of the first and second countershaft gears, and automatic means to overcome the said axial thrust and thereby connect the first and second main shaft gears and keep the first and second countershaft gears disconnected.

2,061,833
TREATMENT OF HYDROCARBON OILS

Gustav Egloff and Alfred Fisher, Chicago, Ill., assignors, by mesne assignments, to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Application February 1, 1932, Serial No. 590,034

1 Claim. (Cl. 196—56)



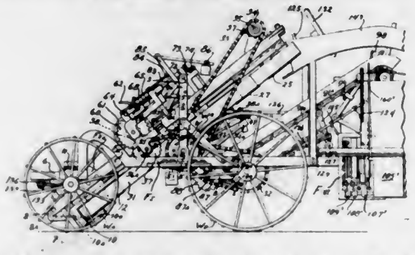
A cracking and coking process which comprises heating hydrocarbon oil to cracking temperature under super-atmospheric pressure while flowing in a restricted stream through a heating zone, subsequently reducing the pressure on such heated oil and introducing the same to an enlarged coking zone, separating vapors from unvaporized oil and distilling the latter to coke in the coking zone, fractionating the vapors to condense fractions thereof heavier than gasoline, separately condensing gasoline vapors uncondensed by said fractionation, combining a substantial portion of the separately condensed gasoline with reflux condensate formed by the fractionation and heating the resultant mixture in a second heating zone to higher conversion temperature than the oil in the first-mentioned heating zone, and subsequently introducing the thus heated mixture into the coking zone to assist the reduction of the unvaporized oil to coke therein.

2,061,834
BEET HARVESTING MACHINE

Josef Fechtner, San Francisco, Calif.

Application August 9, 1935, Serial No. 35,477

7 Claims. (Cl. 55—108)



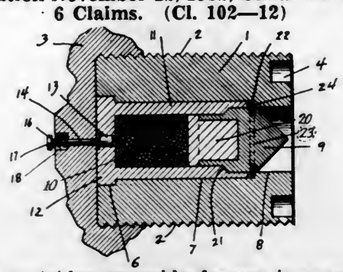
1. A machine for pulling and topping beets comprising a vehicle adapted to be advanced over a field of beets, means on said vehicle for severing the beets from the soil and for lifting the same upon the vehicle upon the advance of said vehicle over the field, means on said vehicle for gripping the beet tops and for conveying the beets rearwardly on said vehicle, a cutter for topping the beets during the advance of said vehicle; said cutter being actuated to top the beets by the movement of the beets toward the cutter, means for actuating said gripping and conveying means during the advance of said vehicle, a hopper on said vehicle for receiving topped beets, means for delivering topped beets from said cutter to said hopper; said delivering means being adapted to be actuated by the advance of said vehicle, a door on said hopper; said door being adapted to open automatically by the pressure of the topped beets in said hopper, and means on said vehicle and actuated by said delivering means for automatically closing said door after discharge of topped beets from said hopper.

2,061,835
AMMUNITION

Marcus W. Haines, Long Beach, Calif., assignor, by mesne assignments, of one-half to The Technicraft Engineering Corporation, Los Angeles, Calif., a corporation of California

Application November 12, 1932, Serial No. 642,407

6 Claims. (Cl. 102—12)



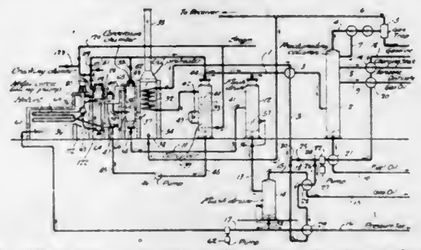
1. A cartridge assembly for use in a well casing perforator having a body and a barrel member screwthreaded into said body and provided with a stepped bore with the largest bore at the rear, the stepped portion of the bore providing a shoulder adjacent the muzzle; said assembly comprising a cartridge case in said largest bore, a propellant fuel within said cartridge and means to ignite the same, a projectile in said cartridge provided with an annular groove, a frangible sealing and retarding gasket within said groove and cooperating with said shoulder when the barrel is threaded into the body to seal the cartridge chamber against the entrance of fluid and to retard the forward movement of the projectile when the cartridge is discharged.

2,061,836
PROCESS AND APPARATUS FOR CRACKING HYDROCARBONS

Wayne A. S. Harmon, Los Angeles, Calif., assignor, by mesne assignments, to George C. Peckham

Application October 10, 1932, Serial No. 637,116

15 Claims. (Cl. 196—70)



1. The process of reforming hydrocarbons, which comprises conducting molten metal to a zone and circulating said metal in a helical-like path from a region of higher temperature downwardly to a region of lower temperature, passing charging stock into the metal at the region of

lower temperature, and circulating said stock in a reverse helical-like path in contact with the metal.

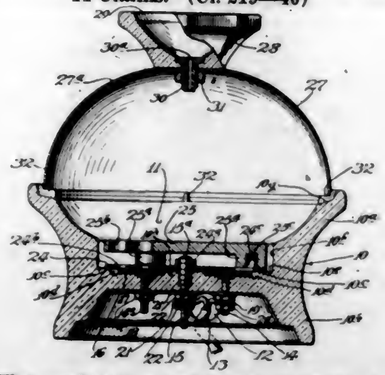
6. In a system of the character described, a container, molten metal in the container, means for circulating said metal in the container, in a helical-like current from a region of higher temperature to a region of lower temperature, means for introducing charging stock into the metal at a region of lower temperature of the metal, and means for circulating said stock in a helical-like current reverse to the current in the metal.

2,061,837

LIQUID CONDUCTOR HEATER

Marshall W. Hanks and George H. Nelson, Madison, Wis., assignors to Hankscraft Company, Madison, Wis., a corporation of Wisconsin

Application September 10, 1931, Serial No. 562,020
11 Claims. (Cl. 219—40)



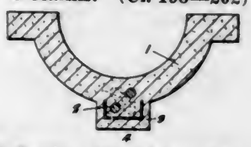
1. The combination in a liquid conductor heater, of a vessel adapted to contain a measured quantity of liquid to be vaporized, a pair of superimposed spaced electrodes between which current passes through said liquid, means for independently supporting each of said electrodes and an insulating plate mounted on and supported entirely by the upper one of said electrodes.

2,061,838

CONVEYING AND DRIVING BELT

Henry Stinson Johns, North Grimsby Township, Ontario, Canada

Application February 23, 1935, Serial No. 7,676
6 Claims. (Cl. 198—202)



1. A belt having a substantially flat bottom face and formed of a material having the elastic characteristics of rubber, and a link chain having the standard type substantially oval links embedded in the belt to retain it against stretch, the links being obliquely positioned in transverse relation to the bottom face of the belt.

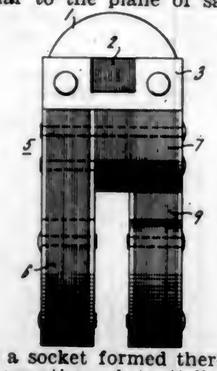
2,061,839

STATOR STRUCTURE FOR DYNAMO ELECTRIC MACHINES

Ludvig P. Kongsted, Longmeadow, Mass., assignor to United American Bosch Corporation, Springfield, Mass., a corporation of New York

Application January 22, 1936, Serial No. 60,166
5 Claims. (Cl. 171—209)

4. In a dynamo electric machine, a stator assembly comprising a laminated pole piece, an intermediate member positioned on said pole piece perpendicular to the plane of said laminations



and having a socket formed therein, and a coil core having a portion substantially received within said socket.

2,061,840

SHOULDER STRAP HOLDER FOR WOMEN'S UNDERWEAR

Percy John Lake, Agincourt, Ontario, Canada

Application October 30, 1935, Serial No. 47,460
1 Claim. (Cl. 24—85)



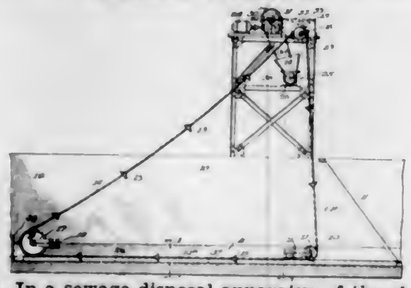
A shoulder strap holder comprising a single strip of resilient material formed into reversely set parallel loops lying one over the other and the extremities of the strip pressing resiliently against the side of the adjacent loop, the upper end terminating in a spicular projection offset outwardly towards its extremity and the other end having a slight extension curved upwardly at its extremity.

2,061,841

SEWAGE DISPOSAL APPARATUS

William H. Lang, Chicago, Ill., assignor to The Webster Manufacturing Company, Chicago, Ill., a corporation of Ohio

Application September 21, 1933, Serial No. 690,426
3 Claims. (Cl. 210—3)



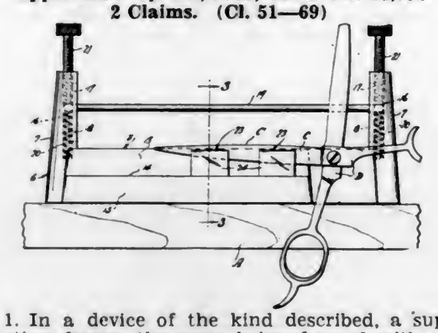
1. In a sewage disposal apparatus of the character described, the combination with a comparatively narrow channel along which sewage is adapted to flow in one direction, of an endless conveyor comprising buckets and a chain and embodying a substantially horizontal reach adapted to travel longitudinally over the bed of the channel in a direction opposite to the flow of sewage through said channel, and having the buckets thereof fixedly connected to the links of the chain in such manner that during travel in said horizontal reach they face sidewise in the direction of travel of said reach and operate to pick up the grit deposited on the bed of the channel and permit the liquid portion of the sewage to wash and rinse the bucketed grit, said conveyor also embodying an upstanding reach for elevating the grit loaded buckets out of the channel and a downwardly extending return reach whereby the buckets are caused to be inverted for grit discharging purposes, a member associated with the upper end of said downwardly extending return reach of the conveyor for receiving the discharged grit, and power means for driving the conveyor so that the horizontal reach thereof travels oppositely to said sewage flow.

2,061,842

SHEAR SHARPENER

Thomas H. Louden, Sharon, Ohio

Application April 5, 1935, Serial No. 14,732
2 Claims. (Cl. 51—69)



1. In a device of the kind described, a supporting frame, the same being formed with an elongated, horizontally extended ledge and a clamp rib extended in parallel spaced relation immediately over the ledge, there being a clearance in the frame laterally of one end of ledge and rib for accommodating a vertically turned shear blade and handle thereof, U-shaped clamps for inserting thru the space between ledge and rib the same being arranged for clamping a shear blade horizontally upon said clamp rib for sharpening, and adjustable means for guiding a sharpening tool at a constant angle across the horizontally mounted shear blade for sharpening same, the said means comprising a pair of posts located one at either end of the frame, the posts having vertically extended and tapped bores opening out thru the top ends thereof and having slots opening out from the bores thru the inner and facing sides thereof, expansion coil springs seated within the bores of the posts, a guide rod loosely and slidably mounted at its ends thru the slots of the posts with the ends of the rod bearing upon the upper ends of the springs, and adjustment screws threaded down into the bores of the posts and bearing upon the ends of the guide rod, whereby the guide rod is resiliently supported and the vertical height thereof may be varied thru the manipulation of the screws.

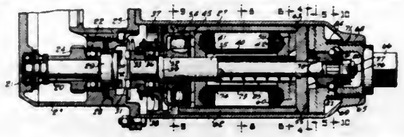
2,061,843

NUT RUNNER

Leon F. Meunier, Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y., a corporation of New Jersey

Application February 12, 1935, Serial No. 6,152
11 Claims. (Cl. 81—54)

1. A clutch mechanism comprising a continuously rotatable drive rod, a driven member, and a clutch connecting the drive rod and member, and adapted to impart to the latter a series of intermittent rotary movements, said clutch comprising a driven plate integral with said driven member, a driving plate connected to the drive rod through a torsional elastic connection, said plates having separable spaced teeth adapted to retard rotation of the driving plate when the



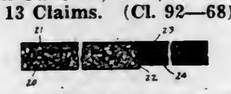
driven member encounters resistance and while the drive rod continues to rotate, yieldable means constantly urging one of the plates toward a position in which the teeth engage, and positive means separate from said clutch teeth for forcing the last-mentioned plate in the opposite direction to declutch the teeth, thereby causing the driving plate to deliver a rotational impact to the driven plate under the influence of the elastic connection.

2,061,844

BLOTTING PAPER STOCK ADVERTISING CARD AND PROCESS OF FORMING SAME

Chauncey Kenneth Miller, Indianapolis, Ind.

Application June 20, 1935, Serial No. 27,494
13 Claims. (Cl. 92—68)



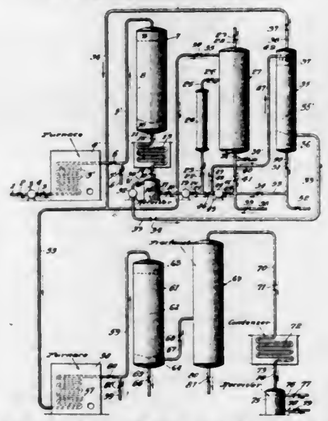
1. The process of transforming blotting paper to blotter and card formation, comprising the compression of a selected portion of the paper and the sealing the surface thereof to transform the surface of selected compressed portion to non-blotting character.

2,061,845

TREATMENT OF HYDROCARBON OIL

Jacque C. Morrell, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

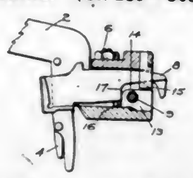
Application August 18, 1934, Serial No. 740,373
5 Claims. (Cl. 196—24)



1. A process for refining sulphurous hydrocarbon oils which comprises treating the oil with

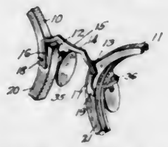
hydrogen and reacting a portion of the latter with a part of the sulphur content of the oil thereby forming hydrogen sulphide in admixture with the unused hydrogen, separating the hydrogen sulphide from the unused hydrogen and isolating the same from the process, and then further treating the oil with the unused hydrogen to effect further desulphurization of the oil.

2,061,846
LOOM TEMPLE
Ira W. Noyes, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a corporation of Maine
Application February 24, 1936, Serial No. 65,316
7 Claims. (Cl. 139—303)



1. A loom temple comprising a temple bar, a laterally extending head including a cap detachably secured to said bar, said cap having an end wall, a guideway extending through the head parallel to said end wall, a roll pin supported by said cap and extending across said guideway, a thread cutter blade mounted in said guideway for rocking and sliding movements, and a lug projecting from said end wall into said guideway, said lug and cutter blade having cooperating surfaces entirely within said guideway for holding said cutter blade out of contact with said roll pin and for limiting rearward movement of said cutter blade.

2,061,847
OPTICAL MOUNTING
Emanuel Pappert, New York, and Henry M. Smith, Garden City, N. Y.; said Smith assignor to T. & P. Optical Co., New York, N. Y., a corporation of New York
Application June 26, 1935, Serial No. 28,424
4 Claims. (Cl. 88—43)

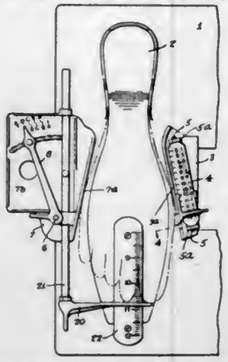


4. In an eye glass frame, a pair of separate continuous and uninterrupted lens frames, each of said frames being widened at an inner upper edge part thereof, said widened part having a pair of spaced perforations therein, a metallic bridge having a pair of depending legs, a pair of spaced widened parts on each of the legs, an internally threaded tube projecting from the rear face of each of the widened parts of the legs and passing through one of said perforations, a plate on the rear face of the widened part of the frame and having a pair of spaced perforations therein aligned with the perforations of the widened part of the frame, an externally threaded screw passing through each of the perforations of the plate and into the aligned perforation of the frame and in threaded engagement with a tube, an adjustable metallic member soldered at one end to the plate, and a nose pad carried by the other end of the adjustable member.

2,061,848
CERAMIC CATALYST AND METHOD OF MAKING SAME
Barney S. Radcliffe, Oak Park, Ill.
No Drawing. Application June 12, 1935, Serial No. 26,245
1 Claim. (Cl. 23—234)

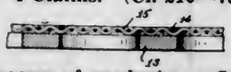
The method of making a ceramic catalyst which consists in mixing silicon carbide with about twenty percent. of its weight of plastic clay, moulding the same to form and firing to produce a porous solid mass, precipitating magnesium carbonate in and on the mass from a solution of a soluble magnesium salt and drying the mass, impregnating the mass with a solution of a salt of the platinum group, drying, and then roasting to free the metal from its salt.

2,061,849
SHOE FITTING DEVICE
Charles R. Roberts, New York, N. Y., assignor to Regal Shoe Company, Whitman, Mass., a corporation of Massachusetts
Application August 30, 1935, Serial No. 38,570
4 Claims. (Cl. 33—3)



1. In a foot measuring device the combination with a foot measuring support provided with laterally movable inclined width gauges and a ball length measuring gauge slidable along one of said width gauges and having an approximately wedge-shaped contact member insertable between the inside wall of the gauge and the forward portion of the convex ball joint of the foot being measured, said gauge being provided with a pointer arranged to travel over a coordinated ball length scale, said ball length gauge being rockable about an axis parallel to the inclined width gauge to permit its being shifted into and out of proper ball gauging position.

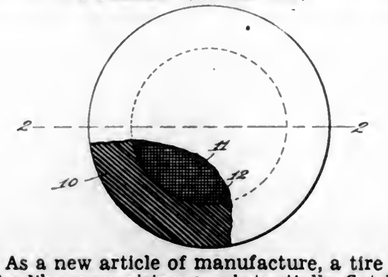
2,061,850
FILTERING ELEMENT AND THE ART OF PRODUCING THE SAME
Eugene Roberts, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah, a corporation of Utah
Application January 29, 1934, Serial No. 708,842
4 Claims. (Cl. 210—76)



1. The process of producing a fine foraminous self-sustaining filter element which consists in pressing together in a chamber maintained at a solder-fusing temperature a relatively stiff, coarsely perforated backing sheet whose interforaminal area is covered with a film of solder-

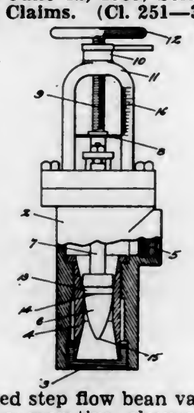
ing material, and a relatively limp fine foraminous filter sheet, thereby integrally uniting the two sheets throughout the interforaminal area of the backing sheet covered by the filter sheet.

2,061,851
TIRE BOOT
Lloyd R. Saferite, Los Angeles, Calif., assignor of one-half to Edward G. Leap, Merced, Calif.
Application November 18, 1935, Serial No. 50,283
2 Claims. (Cl. 152—26)



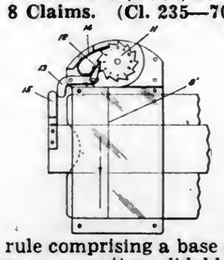
1. As a new article of manufacture, a tire boot or the like, comprising a substantially flat body formed of a single sheet of resilient plastic material, reinforcing means embedded in said body centrally of the same, said means comprising at least one sheet of ductile wire screen material, and a ductile wire extending entirely around said screen and being secured thereto by the ends of all of the wires forming said screen to form a smooth edge for the latter and to prevent the ends of said wires from cutting or tearing said body.

2,061,852
FLOW BEAN VALVE
Frank J. Schweitzer, Brea, Calif.
Application June 12, 1935, Serial No. 26,134
2 Claims. (Cl. 251—34)



1. In a gaged step flow bean valve, a flow port part and a cooperative closure tip having a smooth, effective curved surface and said port having a minimum diameter equal to the major effective diameter of said tip and the latter characterized by a contour of such curve from its major diameter toward its terminal that at each evenly spaced step of axial shift it will produce a uniform change in the area of the passage between the tip and the minimum port diameter and the area of which passage, at each step, will correspond to the area of a circle having the same area as the passage and having a diameter proportional to the axial shift of the tip; said tip being characterized by an upwardly diverging, conical portion whose smaller end is of the same diameter as the large upper end of, and springs from, said curved tip, and said flow part having an outlet passage whose wall is conically concentric with said conical portion of the tip, and the latter forming a relatively short seating portion; whereby to form a smooth, straight, upward channel for flow of liquid passing between the seatable portion of the tip and the outlet passage wall when the tip is in open relation to eliminate emulsifying effect in flowing liquid.

2,061,853
SLIDE RULE
George D. Shaeffer, Bucyrus, Ohio
Application November 21, 1934, Serial No. 754,115
8 Claims. (Cl. 235—70)

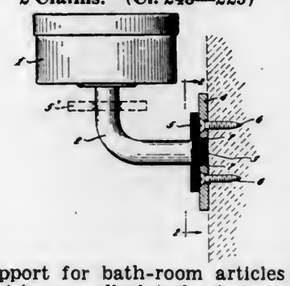


8. A slide rule comprising a base section having a scale thereon, a section slidable relatively to said base section and having a scale, a runner slidably mounted on said base section, counter wheel carried by said runner and adapted to indicate complete units, a trip carried by said slidable section and a counter wheel operating lever actuated by said trip every time that the slidable section reaches a predetermined position.

2,061,854
TRACK TORPEDO
Louie A. Sherman, Florissant, Mo., assignor to Safety Torpedo Corporation, St. Louis, Mo., a corporation of Missouri
No Drawing. Application April 20, 1936, Serial No. 75,419
18 Claims. (Cl. 102—20)

1. A detonating explosive comprising as constituent elements chlorate of potash, finely divided fibrous carbonaceous material, granular abrasive material, and nitrocellulose.

2,061,855
SUPPORT FOR BATHROOM ARTICLES AND THE LIKE
Allard W. Spencer, Winchester, Mass., assignor to J. P. Eustis Manufacturing Company, Cambridge, Mass., a corporation of Massachusetts
Application September 27, 1935, Serial No. 42,474
2 Claims. (Cl. 248—225)



2. A support for bath-room articles and the like comprising a wall plate having openings for

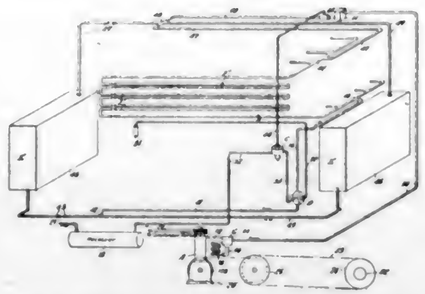
attaching the plate to a wall, a stem fast to the plate and extending outwardly therefrom and a collar mounted around said stem over said openings, said collar having an opening for said stem and the stem being exposed beyond the forward end of the opening to support a bath-room article thereon, the stem substantially filling the opening in the collar when the latter is mounted over the plate but having a smaller diameter beyond the collar so that the latter may be moved therealong without scratching the stem.

2,061,856

TEMPERATURE CONTROLLED VEHICLE

Carl W. Spohr, Chicago, Ill., assignor to Mechanical Refrigerated Car Company, Chicago, Ill., a corporation of Illinois

Application December 5, 1932, Serial No. 645,697
17 Claims. (Cl. 62—117)



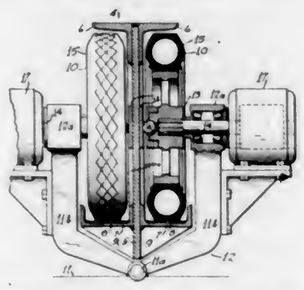
1. In a vehicle having a pay load compartment, a refrigerating system for maintaining said compartment within predetermined temperature limits, said system including: a refrigerant compressor, cooling coils and a cold accumulator all in communication with each other; and a thermostatically controlled refrigerant distributor valve in said system located between the delivery side of said compressor on the one hand and said coils and accumulator on the other hand, said valve, depending upon the temperature in said compartment, being actuable to distribute the refrigerant entirely and only to said coils, entirely and only to the accumulator, or to both said coils and accumulator simultaneously.

2,061,857

OVERHEAD RAIL

Frank Spurrier, Berkeley, Calif.

Application July 14, 1934, Serial No. 735,268
5 Claims. (Cl. 104—93)



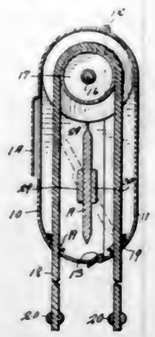
1. In combination, a supporting web, tracks mounted on both sides of the lower portion of the web and being supported thereby, yielding wheels mounted on the tracks and arranged in pairs, a truck supported by the wheels, the axes of each pair of wheels being aligned, and means carried by the wheels and bearing against the web for reducing lateral movement of the wheels with respect to the web while still permitting the yielding wheels to act as a buoyant support for the truck.

2,061,858

RAZOR STROPPING DEVICE

Christian H. Stauffer, Orofino, Idaho

Application September 7, 1935, Serial No. 39,636
2 Claims. (Cl. 51—63)



1. A razor blade sharpener including a casing formed to provide a body portion and a cover portion, a freely rotatable shaft disposed within one end of the body portion, a spool thereon, a clutch disc loosely surrounding the shaft and bearing against one end of the spool, a helical spring loosely surrounding the shaft and urging the disc into contact with one end of the spool, the spring having a radial extension constituting a resilient arm attached to the disk and extending radially therefrom, the spring being resilient and flexible in a plane at right angles to the shaft, an oscillatable blade holder mounted in the casing below the shaft and having a slotted arm into which the first-named arm extends, and a strop having its bight extending over the spool and its ends depending and extending through openings in the casing.

2,061,859

VERTICAL STRUCTURAL INTERLOCKING PANEL SYSTEM

Otto Sawin Swift, Long Beach, Calif.

Application July 8, 1935, Serial No. 30,297
10 Claims. (Cl. 189—34)



9. In a panel construction, of sheet metal, a non-load bearing unit comprising a panel, vertical flanges on the panel, a horizontal flange at the bottom of the panel, said horizontal flange providing means whereby the panel may be secured to a foundation, an L strip attached to the inner plane surface of the panel adjacent each of the longitudinal sides of the panel, said L strips being spaced from the flanges whereby a channel is formed on each side of the panel, an H-beam stud, said stud including outwardly extending vertical flanges, said last named flanges being adapted to fit in said channels.

2,061,860

METHOD OF DYEING AND PRINTING VEGETABLE AND ARTIFICIAL FIBERS

Willy Tischbein, Leverkusen-Kuppersteg, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application August 18, 1934, Serial No. 740,527. In Germany September 1, 1933
4 Claims. (Cl. 8—5)

1. In the process of dyeing and printing vegetable and artificial fibers by means of leuco sulfuric acid ester salts of vat dyestuffs the improvement which consists in impregnating the fibers prior to the action of the leuco sulfuric acid ester salts with organic bases selected from the group consisting of high molecular aliphatic nitrogen bases and quaternary ammonium and phosphonium bases and the salts thereof.

2,061,861

PROCESS FOR THE PRODUCTION OF IRON SLEEPERS

Carl Wallmann, Julius Grosswelschede, and Bernhard Kruse, Mulheim-Ruhr, Germany, assignors to the firm Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany

Application August 15, 1933, Serial No. 685,250
In Germany August 24, 1932
2 Claims. (Cl. 29—169)



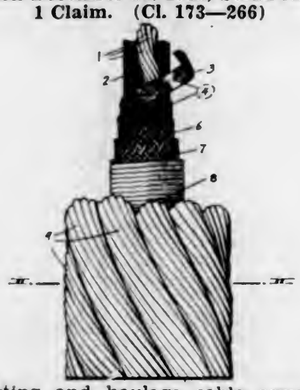
1. Process for the production of iron sleepers consisting in partially pressing down the longitudinal rib of a flat preliminary work piece except at its middle portion and the rail contact parts in such a manner that a flat intermediate work piece of a width corresponding to that of the developed shape of the final sleeper is produced which has a longitudinal rib in its middle portion and at least two rail engaging projections at each rail contact part, the said intermediate piece having a lesser width at its middle portion than at the other parts, and then pressing the said intermediate piece without changing its dimensions into the trough-like shape of the final sleeper.

2,061,862

CABLE CONSTRUCTION

Walter T. Wells, Glendale, Calif., assignor to The Technicraft Engineering Corporation, Los Angeles, Calif., a corporation of California

Application December 20, 1932, Serial No. 648,037
1 Claim. (Cl. 173—266)



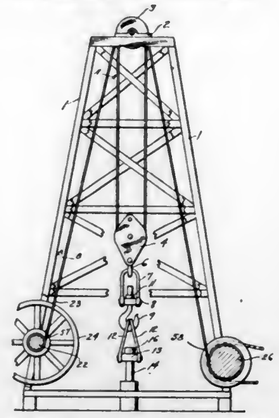
A hoisting and haulage cable comprising a multi-stranded spirally wound and coiled conductor, a layer of yieldable insulating material surrounding the same, a tubular woven fabric covering for the insulating material, a helically wound armor surrounding the fabric, and a stranded wire weight supporting sheath surrounding the armor and spirally wound in the same direction as the conductor, said weight supporting sheath occupying at least one-half the total diameter of the completed cable.

2,061,863

WEIGHT AND TENSION MEASURING DEVICE

Walter T. Wells, Glendale, Calif., assignor to The Technicraft Engineering Corporation, Los Angeles, Calif., a corporation of California

Application October 21, 1933, Serial No. 694,564
12 Claims. (Cl. 177—351)



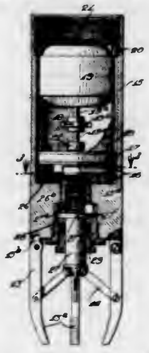
1. In combination; a weight supporting cable composed of a plurality of wires; an extensible and variable resistance element within a chamber defined by said cable, and responsive to lineal variations of said cable; a conductor within said cable connected with said resistance element, and means for measuring variations in the resistance of said element.

2,061,864

ELECTRICALLY OPERATED FISHING TOOL

Walter T. Wells, Glendale, Calif., assignor to The Technicraft Engineering Corporation, Los Angeles, Calif., a corporation of California

Application July 14, 1934, Serial No. 735,211
2 Claims. (Cl. 294—106)



1. In an electrically operated fishing tool; the combination with a supporting and conducting

cable; of a body member adapted to be lowered into a well bore; grappling means depending therefrom; a motor within said body member having a driving shaft concentric with said body member; gear reduction means actuated by said drive shaft, said gear reduction means comprising a plurality of planetary drive units arranged in series and having a reduced speed driving end arranged concentrically within said body member; and a screw jack incorporating the driving end of said gear reduction means and including an axially movable member operatively connected with said grappling means.

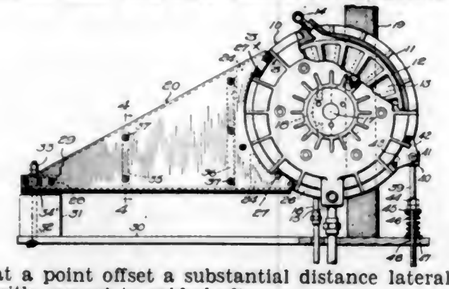
2,061,865
WATER EDUCTOR AND METHOD
Walter T. Wells, Glendale, Calif., assignor to The Technicraft Engineering Corporation, Los Angeles, Calif., a corporation of California
Application July 14, 1934, Serial No. 735,212
5 Claims. (Cl. 166—2)



1. A device for educting water from a flowing gas well comprising; a tubing string, a packer adapted when set to divide said well into upper and lower zones; means providing a channel for flow of liquid from said lower zone through said packer and into said tubing string; means providing a conduit for fluid under pressure in said upper zone through said packer and into said tubing string, means for accumulating pressure in said upper zone and check valve means through said packer normally admitting gas to said upper zone and adapted to close in response to pressure accumulation in said upper zone.

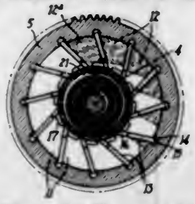
2,061,866
TORQUE REACTION DEVICE FOR BRAKES
Robert Griffin De La Mater, Parkersburg, W. Va., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va., a corporation of West Virginia
Application September 5, 1935, Serial No. 39,343
12 Claims. (Cl. 188—90)

1. The combination with a rotary shaft, of a brake including a pair of parts one of which is secured to said shaft, and torque reaction means for the other brake part comprising a relatively long arm formed of a pair of sections divided from end to end in a plane at right angles to the axis of said shaft, said sections having their ends adjacent said other brake part arranged against opposite sides thereof and secured thereto, the other ends of said sections being anchored



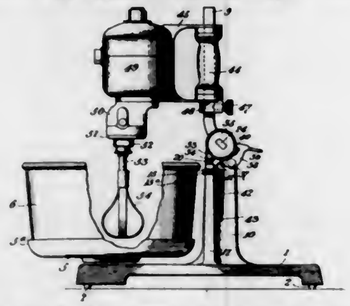
at a point offset a substantial distance laterally with respect to said shaft.

2,061,867
AUTOMATICALLY VARIABLE SPEED TRANSMISSION
Alphonse De Muynck, Alost, Belgium
Application January 19, 1935, Serial No. 2,523
In Belgium January 22, 1934
5 Claims. (Cl. 74—260)



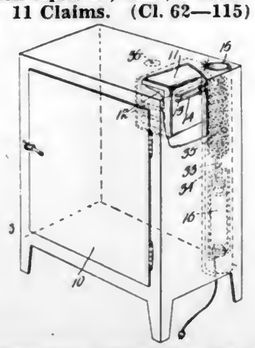
1. In an automatically variable speed transmission constituted as an epicyclic gear provided with planet pinions formed as a hollow cylindrical body and having inwardly open cells formed by inner blades with masses of mercury reacting against said blades, the arrangement of said blades so as to be pivotally movable for the purpose of varying the useful capacity of the active cells inversely proportional to the angular speed of the pinions, the whole mass of mercury acting in a pinion remaining constant.

2,061,868
ELECTRICAL UTILITY DEVICE
Patrick J. Fitzgerald, Torrington, Conn., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn., a corporation of Connecticut
Application April 12, 1932, Serial No. 604,844
11 Claims. (Cl. 248—23)



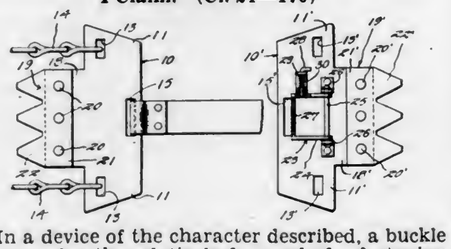
1. In an electric utility device having a frame and a motor assembly, a shaft mounted on said frame and adapted to pivotally support said motor assembly, a notched member carried by said shaft, a catch pivotally mounted on said frame, and spring actuating means for normally holding said catch in engagement with said notched member whereby the motor assembly may be held in a plurality of positions with respect to said shaft.

2,061,869
REFRIGERATING SYSTEM
James Walter Gilbert and Ernest F. Walker, Johnstown, Pa.
Application April 19, 1930, Serial No. 445,727
11 Claims. (Cl. 62—115)



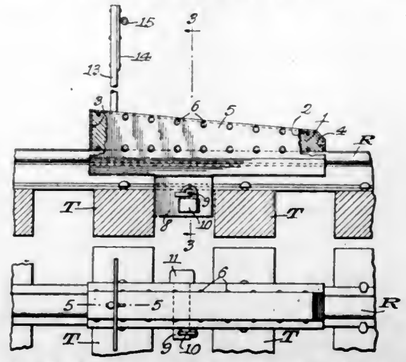
1. A refrigerator comprising the combination with an evaporator of a compressor, a condenser, and a motor for operating the compressor, the motor comprising a pair of wound coils, an armature reciprocably mounted within said coils and movable by and in synchronism with alternating current which is caused to pass through the coils, the compressor comprising a pair of bellows having the armature between them and a casing enclosing the condenser, compressor and motor, the condenser being positioned in the uppermost portion of the casing and in axial alignment with the compressor and motor units whereby heat generated by the compressor and the motor will cause the air to pass upwardly through the casing to cool the condenser, substantially as set forth.

2,061,870
ICE-CREEPER
Merton H. Gould, Dover-Foxcroft, Maine
Application March 29, 1934, Serial No. 718,075
1 Claim. (Cl. 24—170)



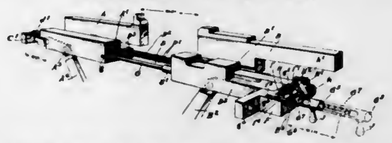
In a device of the character described, a buckle for securing the relatively free end of a fastening strap, the same comprising a plate having an opening formed therein for the passage of the end of the strap therethrough, bracket members carried by said plate, a pin connected to said bracket members, a U-shaped locking member swingably mounted on said pin with its cross-bar adapted to extend across said opening and having an aperture formed in one of its side arms, said cross bar being adapted to engage the relatively free end of the strap when the latter is passed through said opening, and a spring-pressed latch carried by said plate to one side of said locking member and adapted to enter the opening in said locking member when the latter is in locking engagement with the strap, as and for the purpose set forth.

2,061,871
SIGNAL
Loring B. Hester, Tallahassee, Fla., assignor of one-third to Robert R. Wooten, Tallahassee, Fla.
Application August 23, 1934, Serial No. 741,178
5 Claims. (Cl. 246—477)



1. A signal device of the class described including a relatively long block adapted to rest upon and extend longitudinally of a rail with its inner side substantially parallel with the inner side of the head of the rail, said block having a high end and a low end joined by an inclined upper surface, a sheathing on and securely fastened to the block and adapted to straddle and extend below a rail, and means for locking the sheathing to the rail.

2,061,872
SLUG CASTING MACHINE
John H. Hilpman, Hollis, N. Y., assignor to Mergenthaler Linotype Company, a corporation of New York
Application July 30, 1935, Serial No. 33,815
20 Claims. (Cl. 199—50)

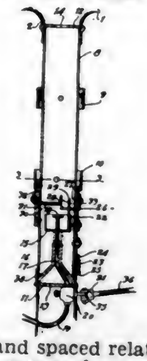


1. In a slug casting machine, the combination of an adjustable line confining jaw, means for securing the jaw in its different adjusted positions, an adjusting rod associated with said jaw, and an operating member for said rod telescopically connected thereto.

2,061,873
HEATER
John Hutton, Winnipeg, Manitoba, Canada
Application April 1, 1932, Serial No. 602,446
In Canada July 2, 1931
1 Claim. (Cl. 175—115)

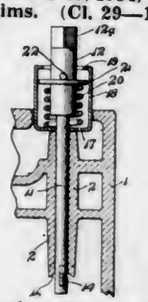
In a liquid fuel burner comprising a casing and fuel injecting means including an inlet

valve within said casing, means within said casing for igniting fuel injected into said casing comprising an elongated stationary positive terminal extending within said casing, a movable forked negative terminal within said casing nor-



mally in opposed and spaced relationship to said positive terminal, means for moving the forks of said negative terminal into sliding contact along either side of the positive terminal and positive and negative leads attached to the respective terminals.

2,061,874
METHOD OF VALVE STEM PACKING
Charles E. Johnson, North Muskegon, Mich., assignor to Sealed Power Corporation, Muskegon, Mich., a corporation of Michigan
Application September 10, 1934, Serial No. 743,414
2 Claims. (Cl. 29—156.7)



1. The method of packing an internal combustion engine valve stem, said stem passing through an elongated guide, said stem and guide both being worn whereby their axes are not necessarily identical, which consists, in removing the valve and its stem from the engine, inserting a rotatable shaft completely through said guide and equipping the same at its inner or lower end with a cutter, rotating the shaft at its outer or upper end and exerting a yielding outward force on said shaft to bring the cutter against the inner end of the guide to provide a seat at the inner end of the guide, removing said shaft and cutter, replacing the valve and valve stem, locating a packing around the valve stem at the lower end of the guide and maintaining the same against the seat at the lower end of the guide and into engagement with and around the valve stem.

2,061,875
ELECTRICAL PARKING DEVICE
Herman S. Johns, Oklahoma City, Okla., assignor to Dual Parking Meter Company, Oklahoma City, Okla., a corporation of Delaware
Application December 21, 1935, Serial No. 55,646
6 Claims. (Cl. 194—1)

1. In a device of the class described, a housing, a coin passage carried by the housing and extending downwardly therein, a reciprocatably mounted coin contacting element extending along the passage at each edge thereof, each element having spaced projections extending into the passage, the projections of both ele-



ments adapted to cooperatively support a coin in the passage, and means for alternately moving each of the elements while the other remains stationary for permitting downward movement of the coin past the supporting projection of the stationary element.

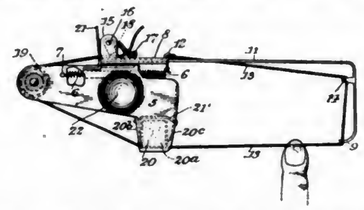
2,061,876
COMBINED TAPE AND THREAD PACKAGE
William R. L. McBee, South Willington, Conn., assignor to The Gardiner Hall Jr. Company, South Willington, Conn., a corporation of Connecticut
Application March 10, 1931, Serial No. 521,585
6 Claims. (Cl. 206—47)



1. A display and sales package for sewing materials comprising a substantially flat, thin board-like member on which the material to be sewn is wound, a pair of arms projecting from one end of said member, and an independently formed spool of thread held in a fixed position relative to said board-like member by frictional engagement between said arms, said spool lying substantially in the same plane with the board-like member so as to provide a relatively thin package and so arranged that the thread is visible when the package is displayed.

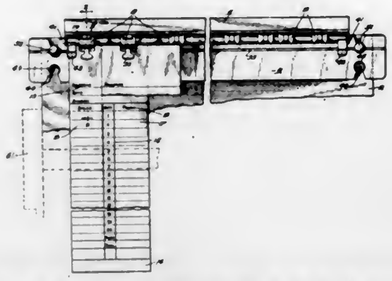
2,061,877
MANICURING IMPLEMENT
Wilhelm Naundorf, Scheveningen, Netherlands
Application September 12, 1935, Serial No. 40,335
In Germany March 22, 1935
3 Claims. (Cl. 132—73)

1. In a manicuring implement, a body having a finger nail treating agent, a carriage movably supported in operative relation to the agent, a thread having its ends connected to the carriage,



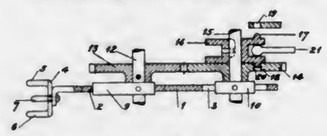
means for guiding the thread into engagement with the agent, manually operable means for moving the carriage in one direction and means for moving said carriage in the opposite direction.

2,061,878
CLIP BOARD
Frederick A. Niemann, Chicago, Ill., assignor to Felt & Tarrant Mfg. Co., Chicago, Ill., a corporation of Illinois
Application August 16, 1932, Serial No. 629,046
14 Claims. (Cl. 120—33)



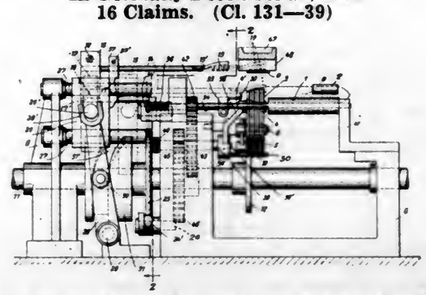
10. In a record sheet holder, a backing support upon which a plurality of sheets are arrangeable, a sheet end retaining device comprising a plate member and a plurality of laterally shiftable retaining members for engaging the ends of said sheets, and means for removably securing said retaining device to said support.

2,061,879
INTERMITTENT FILM FEED APPARATUS
Albert Paillard, Sainte-Croix, Switzerland
Application August 6, 1934, Serial No. 738,697
In Switzerland August 29, 1933
4 Claims. (Cl. 88—18.4)



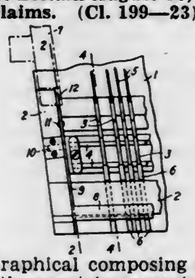
1. In an intermittent film feed apparatus, a film gate provided with a film travel passage for accommodating films of different widths, a claw carrier, a multiple claw thereon all prongs of which are movable through said gate, shutter means engageable with film in the confines of said gate, claw carrier actuator means including cams operable on said carrier at a plurality of points, and means for arresting movement of one cam while another operates the carrier whereby to vary the actuation of said claw carrier.

2,061,880
APPARATUS FOR APPLYING THE WRAPPER TO THE END OF A CIGAR FILLER
Konstantin Friedrich Röber, Dresden, Germany, assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany
Application May 23, 1934, Serial No. 727,187
In Germany December 27, 1932
16 Claims. (Cl. 131—39)



1. An apparatus for applying wrappers to fillers comprising means for rotating a filler and a movable finger cooperating with said means for directing and applying a wrapper to said filler, said finger being shaped to correspond with a portion of the contour of said filler.

2,061,881
TYPOGRAPHICAL COMPOSING MACHINE
Richard Henry Scott, Enfield, England, assignor to Linotype and Machinery Limited, London, England, a limited liability company of England
Application July 27, 1935, Serial No. 33,422
In Great Britain August 10, 1934
6 Claims. (Cl. 199—23)

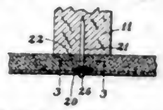


1. In a typographical composing machine, the combination with a matrix magazine, a series of matrix releasing escapements carried by the magazine and a machine frame member on which the magazine is removably supported, of a straight-edge escapement locking bar movable edgewise to active and inactive position for preventing and permitting actuation of the escapements, and means carried by the magazine adapted automatically to move said locking bar edgewise to inactive and active positions respectively as the magazine is applied to and removed from said machine frame member.

2,061,882
BUILDING ASSEMBLY AND ALIGNING MEANS FOR USE THEREIN
George E. Shipway, Darien, Conn., assignor to Johns-Manville Corporation, New York, N. Y., a corporation of New York
Application September 5, 1935, Serial No. 39,261
6 Claims. (Cl. 72—16)

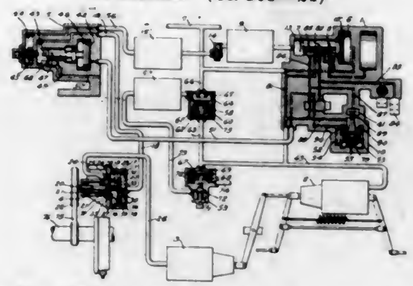
1. A wall assembly including a supporting structure, facing units meeting at edge portions

to form a flush joint in front of the supporting structure and provided with grooves, one in the edge portion of each facing unit, spaced equally from the outer faces of the facing units and extending inwardly from the edge portions thereof



on each side of the joint, aligning means engaged in the said grooves and maintaining the outer faces of the said units in alignment, and means securing the aligning means to the said supporting structure and holding the back portions of the facing units firmly thereagainst.

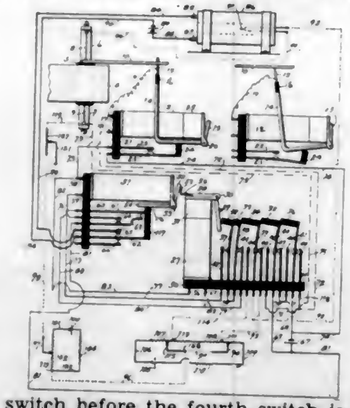
2,061,883
HIGH SPEED PASSENGER BRAKE
Theophile Tarisien, Livry-Gargan, France, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application January 8, 1935, Serial No. 809
In France April 11, 1934
12 Claims. (Cl. 303—21)



1. In a fluid pressure brake, the combination with a brake pipe, a brake cylinder and an auxiliary brake cylinder, of valve means operative upon a reduction in brake pipe pressure for supplying fluid under pressure to both of said brake cylinders, and speed responsive means for controlling the communication through which fluid under pressure is adapted to be supplied to said auxiliary brake cylinder and operative when the speed of the vehicle is less than a predetermined degree to close said communication and vent said auxiliary brake cylinder.

2,061,884
TEMPERATURE REGULATOR
Fritz Frederick Uehling, Passaic, N. J.
Application March 7, 1935, Serial No. 9,909
20 Claims. (Cl. 236—78)

1. In a device of the class described, the combination with an armature, of a spring arrangement for holding the armature in its normal position, an electro-magnet for pulling the armature away from its normal position to a second position, a latch for preventing the return of the armature to its normal position after the magnet has been deenergized but permitting a slight motion toward normal to a third position, a second electro-magnet for releasing the latch to permit the armature to return to its normal position, a switch which is opened by the armature when the armature is in its second position and closed when the armature is in its third and normal position, a second switch which is closed by the armature when the armature is in its second and third positions and opened when the armature is in its normal position, a third switch and a fourth switch which are opened and closed respectively by the second magnet when the magnet is energized, and closed and opened respectively when the magnet is deenergized, means for closing the fourth switch before the third switch is opened as the second magnet is energized, and means for closing the



third switch before the fourth switch is opened as the second magnet is deenergized, a galvanometer, a fifth switch controlled by the galvanometer, a circuit which includes the fifth switch, the third switch and the first magnet, a second circuit which includes the fifth switch, the third switch, the second switch, the first switch and the second magnet, and a third circuit which includes the fifth switch, the fourth switch, and the second magnet.

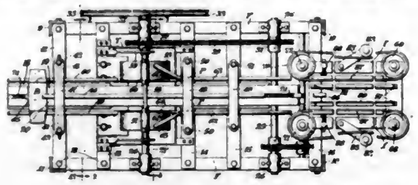
2,061,885
MACHINE FOR MANUFACTURING WINDOW ENVELOPES
Charles J. Wensler, St. Louis, Mo., assignor, by mesne assignments, to Baltimore Paper Company, Kansas City, Mo., a corporation of Missouri
Application August 21, 1931, Serial No. 558,448
14 Claims. (Cl. 93—61)



4. A device of the kind described comprising, continuously moving means for advancing blanks, a punch disposed to operate on the blanks, a member on said means disposed for positive engagement with a blank, means for advancing a blank on the continuously moving means at a speed greater than the speed of said member, and means for arresting the blanks thus advanced in position beneath the punch.

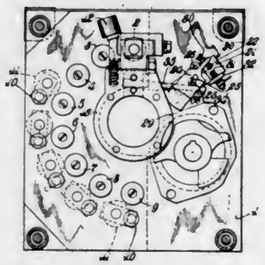
2,061,886
PACKAGING MACHINE
Fred West, Brooklyn, N. Y., assignor to S. Gumpert Co., Inc., Brooklyn, N. Y., a corporation of New York
Application May 22, 1935, Serial No. 22,700
3 Claims. (Cl. 93—6)

1. In package sealing apparatus the combination with a conveyor for carrying a package with a closed and open flap at each end, of a guide at the side of the conveyor for holding the closed flap closed, a roller carrying adhesive at the side of the conveyor beyond said guide, a closing bar beyond said roller for closing down



the open flap, and a relatively small diameter guiding wire adjacent the roller stretched for a distance between the guide and closing bar, whereby said roller may be located very close to the end of the package and apply adhesive over a large area of the open flap.

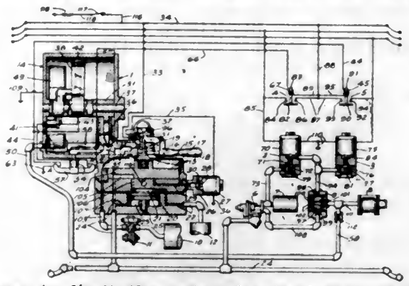
2,061,887
ELECTRICAL CONTROLLER
Charles W. Wyman, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application June 30, 1933, Serial No. 678,436
Renewed October 3, 1934
20 Claims. (Cl. 201—48)



1. In an electric controlling apparatus, a controller arm, a pilot switch, means movable to close said pilot switch on movement of said controller arm in a circuit-establishing direction, and means operative on reverse movement of said arm to open and lock in open position said pilot switch, said locking means including a latch occupying one position when effecting its holding function and a different position to effect release and held out of said first mentioned position whenever said pilot switch is closed.

2,061,888
ELECTROPNEUMATIC BRAKE
Burton S. Aikman, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application July 20, 1934, Serial No. 736,190
14 Claims. (Cl. 303—24)

1. In a fluid pressure brake for vehicles, in combination, a brake cylinder, means for controlling the supply of fluid under pressure to, and the release of fluid under pressure from, said brake cylinder comprising a manually operable member, electrical control means actuated thereby, means for varying the setting of said electrical control means comprising a pressure responsive means subject to a pressure which corresponds with the degree of application of the brakes, and an inertia controlled device responsive to the rate of deceleration of the vehicle for modifying the action of said electrical control

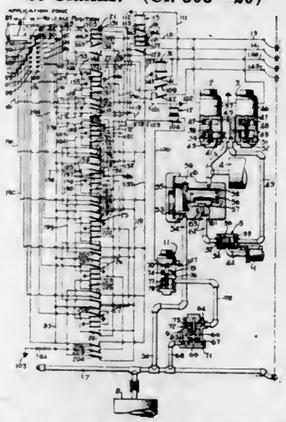


means to limit the rate of retardation of the vehicle to a selected predetermined value.

2,061,889
PROCESS FOR SEPARATION AND PURIFICATION OF METHYL AMINES
Chester E. Andrews, Brookline, and Le Roy U. Spence, Philadelphia, Pa., assignors to Röhm & Haas Company, Philadelphia, Pa.
No Drawing. Application May 18, 1931, Serial No. 538,262
14 Claims. (Cl. 202—42)

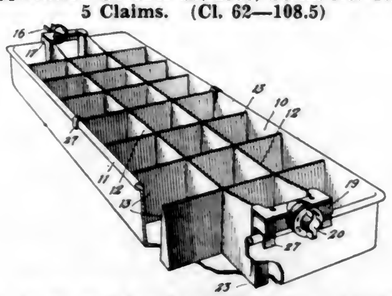
4. The process of separating methylamines from mixtures containing them and ammonia which comprises the steps of adding ammonia to the mixture and distilling to remove the trimethylamine as an azeotropic mixture with ammonia and continuing the distillation until the monomethylamine and dimethylamine are separated.

2,061,890
ELECTROPNEUMATIC BRAKE
George W. Baughman, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application December 22, 1934, Serial No. 758,775
20 Claims. (Cl. 303—20)



1. In a brake equipment for vehicles, electroresponsive means for effecting an application of the brakes, manually operable means having a plurality of brake applying positions for controlling said electroresponsive means to effect a desired degree of application of the brakes, and checking means operative upon movement of said manually operable means to any brake applying position for indicating an operation of said electroresponsive means in correspondence with the operation of said manually operable means.

2,061,891
TRAY RACK
William A. Bohannon and Clara B. Gilbert, Hewlett, N. Y.
Application October 29, 1935, Serial No. 47,260
5 Claims. (Cl. 62—108.5)



1. As an article of manufacture, a removable rack for refrigerator trays comprising intersecting partitions, an electrical heater element housed within and extending longitudinally of one said partition, and a contact element carried by said rack and electrically connected with said heater element, said contact element being mounted at one end of said rack to overhang and extend beyond one end of the refrigerator tray within which said rack is adapted to be fitted.

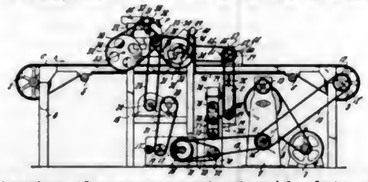
2,061,892
ELECTRIC DISCHARGE LAMP
Laurence Burns, Revere, Mass., assignor to Hygrade Sylvania Corporation, Salem, Mass., a corporation of Massachusetts
Application December 20, 1934, Serial No. 758,406
3 Claims. (Cl. 176—122)



1. A lamp of the high pressure mercury vapor arc type including a pair of spaced electrodes immersed in mercury vapor, and an enclosing envelope containing a small percentage of ferrous oxide and tin.

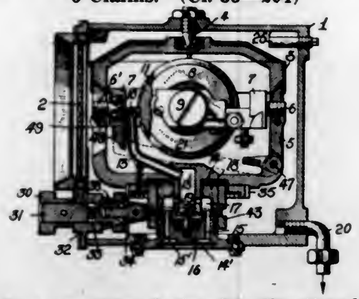
2,061,893
PRINTING APPARATUS
John E. Cady, Indianapolis, Ind., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of New York
Application May 22, 1935, Serial No. 22,690
11 Claims. (Cl. 101—228)

1. In an apparatus for printing a surface, comprising a printing plate, means for continuously moving said surface in cooperative relation with said plate, means for successively rotating said plate into and out of contact with said surface, mechanism driven by the rotation of said plate for stopping the movement of said plate at a predetermined point in its path of travel when out of contact with said surface, and mechanism driven independently of the rotation of said plate



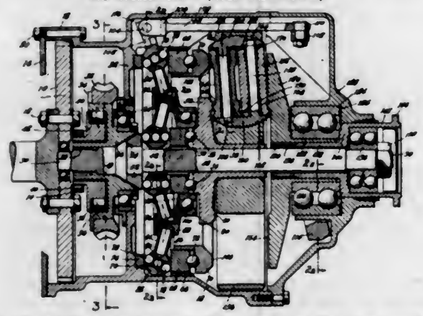
for starting the movement of said plate at the end of a predetermined movement of said surface from the preceding position of contact.

2,061,894
CONSTRAINED DIRECTIONAL GYROSCOPE
Bert G. Carlson, Queens Village, N. Y., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York
Application April 29, 1932, Serial No. 608,189
6 Claims. (Cl. 33—204)



6. In a resetting device for directional gyroscopes, the combination with a directional gyroscope and an outer casing therefor, of a compass card for the gyroscope, means for rotatably mounting the same about a vertical axis, a gear connected thereto for resetting the same, a resetting knob slidably and rotatably mounted in said casing, a normally disengaged gear thereon adapted to engage in one position said other gear, and a pin and tapered hole separable connection between said knob and card mounting means, to prevent disturbance of the gyroscope during resetting, said pin and hole engaging before and releasing after said gears.

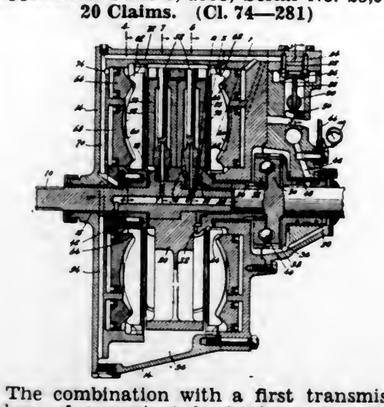
2,061,895
TRANSMISSION
Roland Chilton, Ridgewood, N. J.
Application September 11, 1934, Serial No. 743,515
16 Claims. (Cl. 74—281)



1. In a transmission, in combination, a rocker member, means comprising toggle levers effective

toward opposite ends of said rocker member to rock said member, and means for connecting said toggles for simultaneous movement, said connecting means and said toggles being so organized that in one position of adjustment said toggles are caused to assume positions of maximum and zero angularity respectively.

2,061,896
TRANSMISSION
Roland Chilton, Ridgewood, N. J.
Application June 5, 1935, Serial No. 25,065
20 Claims. (Cl. 74—281)

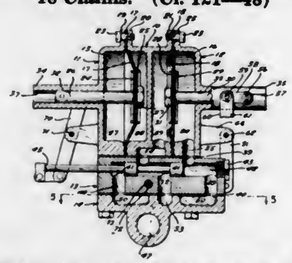


1. The combination with a first transmission member, of a contact load piston therefor, a pump hydraulically connected therewith, a second transmission member drivably related with the first said transmission member and having parts organized for slight rotational backlash, and a hydraulic pressure relief valve for said pump organized to resist said backlash.

2,061,897
CORROSION-RESISTANT TUBE
Donald K. Crampton, Marion, and Newell W. Mitchell, Waterbury, Conn., assignors to The Chase Companies, Incorporated, Waterbury, Conn., a corporation of Connecticut
No Drawing. Application June 25, 1936, Serial No. 87,218
8 Claims. (Cl. 138—47)

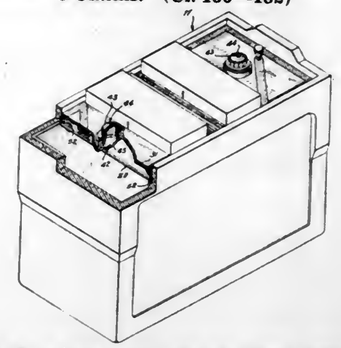
8. A corrosion-resistant wrought-metal tube formed from an alloy containing; about 5% nickel; about 3% aluminum; about 3% tin; and the balance substantially of copper.

2,061,898
MOTOR
Maurice P. De Motte, Indianapolis, Ind., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
Application January 17, 1933, Serial No. 652,139
18 Claims. (Cl. 121—48)



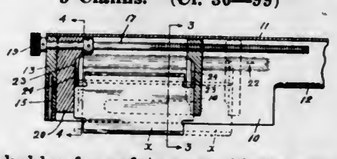
1. A fluid motor comprising a casing having adjoining piston chambers; valve chambers below said piston chambers; an inlet and an outlet below said valve chambers; ports leading in a downward direction between the bottom of said piston chambers and said valve chambers; and ports leading in a downward direction between the bottom of said valve chambers and said inlet and said outlet so that all accumulations of condensed liquid will drain from said motor through both said inlet and said outlet.

2,061,899
PRIMARY ELECTRIC CELL
Dario Domizi, Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
Application December 22, 1932, Serial No. 648,334
3 Claims. (Cl. 136—182)



1. In a primary cell having liquid electrolyte and a filling opening; a liquid level indicator comprising a horizontal rod below said opening, said rod extending between and being supported by opposite sides of said cell and being visible through said opening.

2,061,900
SAFETY RAZOR BLADE HOLDER
William Easton, Passaic, N. J.
Application September 4, 1935, Serial No. 39,121
5 Claims. (Cl. 30—99)

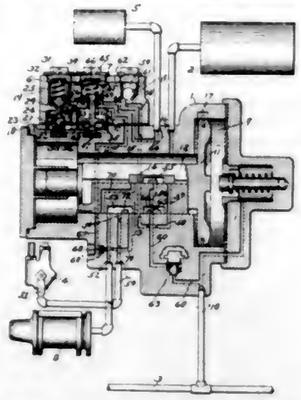


1. A holder for safety razor blades comprising a handle having an elongated casing extending therefrom, said casing having a channel-form back and a side having its longitudinal edge extending in parallelism with the back, a fixed clamping member connected to said casing at its opposite end from the handle, a rod having a swivel connection with said fixed member and extending within said casing back portion and a movable clamping member screw threaded on said rod and adjustable thereby within the casing with relation to the fixed member, the adjacent sides of said members having blade-receiving seats permitting adjustment of a blade held thereby with relation to said longitudinal edge.

2,061,901
QUICK SERVICE VALVE MECHANISM
Ellery R. Fitch, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application January 21, 1932, Serial No. 587,910
17 Claims. (Cl. 303—38)

1. In a fluid pressure brake, the combination

with a brake pipe and a brake controlling valve device operated upon a reduction in brake pipe pressure for effecting an application of the brakes, of means controlled by said valve device for locally venting fluid from the brake pipe upon a reduction in brake pipe pressure, a bottling cham-



ber into which only fluid under pressure locally vented from the brake pipe is received, and means operated upon a predetermined increase in the pressure of fluid locally vented into said chamber for cutting off the venting of fluid from the brake pipe.

2,061,902

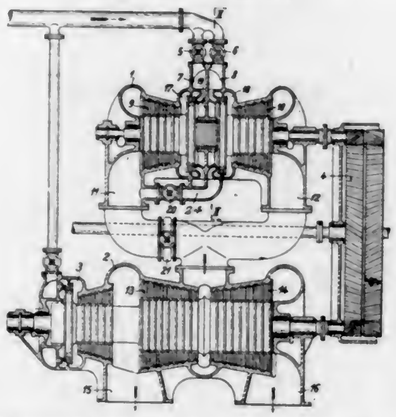
TURBINE PLANT

Albert Hänschke, Kiel, Germany, assignor to Fried. Krupp Germaniawerft Aktiengesellschaft, Kiel-Gaarden, Germany

Application February 19, 1934, Serial No. 712,045

In Germany June 13, 1933

3 Claims. (Cl. 60—70)



1. A turbine plant, in particular for ships, comprising a main shaft, a double-flow high pressure turbine divided into two symmetrical parts, a low pressure turbine, said high and low pressure turbines each having one shaft connected by a gear with said main shaft, a separate nozzle chamber for each of said high pressure turbine parts, means for leading the working medium in parallel through said two high pressure turbine parts, and means operable at will to connect said two high pressure turbine parts so as to be traversed in series by the working medium.

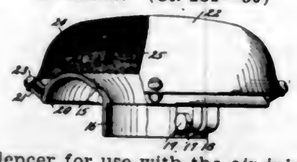
2,061,903

CARBURETOR MUFFLER

Guy M. Hartsock, South Bend, Ind., assignor, by mesne assignments, to C. F. Burgess Laboratories, Inc., Chicago, Ill., a corporation of Delaware

Application August 24, 1929, Serial No. 388,113

2 Claims. (Cl. 181—50)



1. A silencer for use with the air inlet conduit of an internal combustion engine carburetor comprising a tube-like element to be attached to the air intake pipe of the carburetor, the outer end of said tube-like element being provided with a curved outwardly extending flange, spaced lugs formed on the curved part of said flange, a dome-shaped member secured to said lugs to provide a space between said flange and said dome-shaped member for the passage of air into said intake pipe, and a layer of sound-absorbing material arranged on the interior of said dome-shaped member.

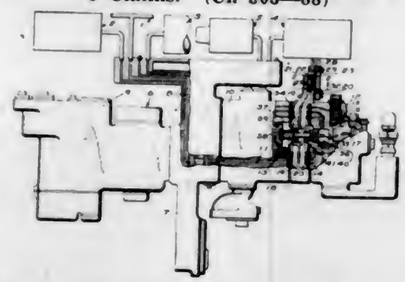
2,061,904

AIR STRAINER DEVICE

Ellis E. Hewitt, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application January 31, 1935, Serial No. 4,264

6 Claims. (Cl. 303—88)



1. In a brake controlling valve device, in combination, a casing having a piston chamber to which fluid under pressure is adapted to be supplied and having a fluid supply passage, a cap for said valve device having a supply communication leading to said piston chamber, a strainer device separate from but interposed between and secured to said casing and cap and having a communication connecting said supply passage and supply communication, and a strainer included in the strainer device and interposed in the connecting communication.

2,061,905

FLEXIBLE DIAPHRAGM

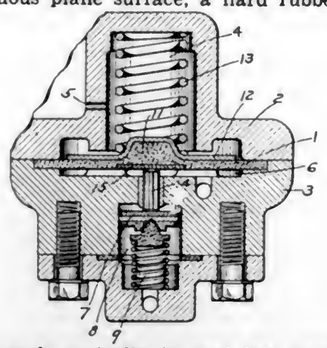
Ellis E. Hewitt, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application May 28, 1932, Serial No. 614,261

7 Claims. (Cl. 137—157)

1. A diaphragm comprising a relatively thin disc of flexible rubber extending continuously from rim to rim and adapted to be clamped around its edge, said disc having a raised portion centrally on one side thereof, a follower plate on

said side of the disc and provided with a recess for receiving the raised portion of the diaphragm, the other side of the disc having a substantially continuous plane surface, a hard rubber insert



countersunk centrally in said last named side directly opposite to said raised portion and having its face flush with the face of said flexible rubber disc.

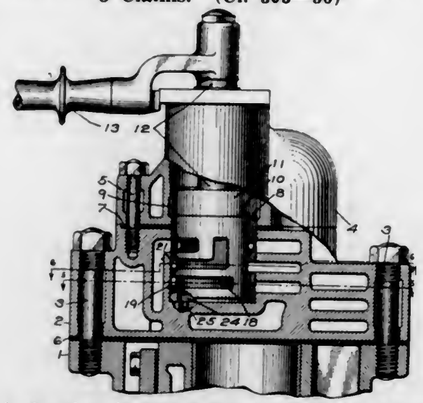
2,061,906

PEDESTAL BRAKE VALVE DEVICE

Ellis E. Hewitt, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application September 22, 1934, Serial No. 745,082

3 Claims. (Cl. 303—56)



1. A valve device comprising a body having a bore the outer end of which is open and the inner end of which is in communication with a passage in said body, a plug permanently pressed into said bore forming a chamber at the inner end of said bore and having on the outer end a valve seat, said body having a plurality of passages opening to said bore and registering with corresponding cavities in said plug.

2,061,907

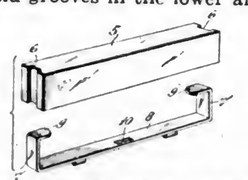
BAG FRAME FASTENER

William C. Hiering and Frederick W. Goerdes, Newark, N. J., assignors to The J. E. Mergott Company, Newark, N. J., a corporation of Delaware

Application June 7, 1935, Serial No. 25,363

2 Claims. (Cl. 41—34)

2. In a hand bag, an elongated latch bar having a flat lower surface provided with a groove extending throughout the length thereof, said bar having flat end surfaces provided with grooves, a flat metal supporting member positioned in said grooves in the lower and end sur-



faces and bent over the upper surface of the bar, and means for attaching the supporting member to a frame member.

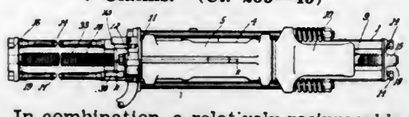
2,061,908

ROCK DRILL

Mervin Chester Huffman, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts

Application July 25, 1934, Serial No. 736,917

7 Claims. (Cl. 255—45)



1. In combination, a relatively reciprocably related drilling motor and drilling motor guideway, and means for effecting selectively opposite feeding of said motor relative to said guideway including teeth, pawl means comprising alternatively operative pawl portions for cooperating with said teeth, means for yieldingly pressing one of said pawl portions into tooth engaging position and holding the other in inoperative position, and means rendered operative at will for exerting a force superior to the force exerted by said third mentioned means and transmitting such superior force to press said other of said pawl portions yieldingly into tooth engaging position and to move the first mentioned pawl portion into inoperative position and there maintain it while said first mentioned pawl portion is still subjected to the force which was previously effective to press it into tooth engaging position.

2,061,909

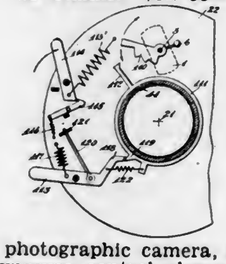
MEANS FOR AUTOMATIC EXPOSURE CONTROL

Josef Karg, Vienna, Austria, assignor of one-half to Joseph M. Bing, New York, N. Y. and Emil Mayer, Vienna, Austria

Application June 5, 1935, Serial No. 25,080

In Austria June 9, 1934

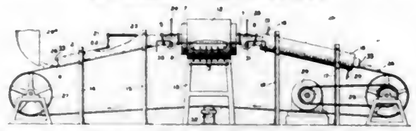
23 Claims. (Cl. 95—64)



1. In a photographic camera, a lens; an adjustable exposure control element for controlling the amount of light passed through said lens; a shutter; shutter actuating means; a photometer for evaluating the intensity of light passed through said lens; means for presetting said exposure control element to varying limit

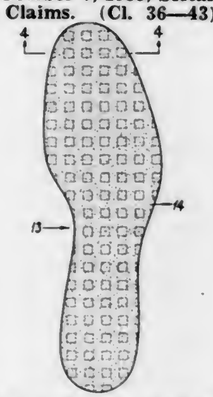
positions in accordance with the readings of said photometer; and means actuatable by said shutter actuating means for adjusting said exposure control element to the limit position determined by said photometer.

2,061,910
HEAT TREATING FURNACE
Walter E. Kingston, Lynn, Mass., assignor to Hygrade Sylvania Corporation, Salem, Mass., a corporation of Massachusetts
Application August 7, 1935, Serial No. 35,023
6 Claims. (Cl. 263—8)



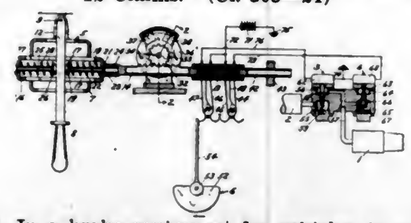
1. In a furnace of the character described the combination of a main heating chamber, an oven for heating said chamber, means for supplying said chamber with a filling of hydrogen, an inlet duct for said chamber, an outlet duct for said chamber, a movable conveyor passing through said chamber and said ducts, the ends of said ducts being open to the air and situated beneath the level of said chamber, said ducts being proportioned in length with respect to the main heating chamber to prevent the air adjacent the open ends of the ducts from forming an explosive mixture with the hydrogen therein and a flexible curtain disposed over the open end of each duct to prevent the formation of sudden drafts within the ducts.

2,061,911
MEDICATED INSOLE
Joseph P. Leindorf, Pelham Manor, N. Y.
Application October 7, 1935, Serial No. 43,956
2 Claims. (Cl. 36—43)



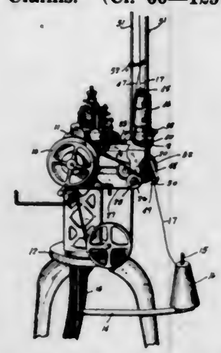
1. An insole comprising a single sheet of flexible board impressed from opposite sides to form separated and localized cavities, the cavities in one surface being alternately disposed with respect to the cavities in the opposite surface, the cavities in one surface being filled with plastic medicaments and said medicaments being entirely exposed all over the upper surface of said insole, the cavities in the opposite surface forming separated air pockets, said board being distended in a vertical direction and capable of being compressed when in use thus causing said plastic medicaments to be gradually raised above the upper surface of said board.

2,061,912
RETARDATION CONTROLLER DEVICE
John W. Logan, Jr., Forest Hills, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application April 8, 1936, Serial No. 73,233
12 Claims. (Cl. 303—24)



1. In a brake equipment for vehicles, in combination, fluid pressure braking means, valve means for controlling the application and release of said braking means, a brake handle for controlling the operation of said valve means, a retardation controller device for also controlling the operation of said valve means for effecting the desired rate of retardation of the vehicle, means responsive to the movement of said handle for adjusting the setting of said retardation controller device, and timing means responsive to the amount of movement of said handle for permitting a gradual change only in the setting of the retardation controller device.

2,061,913
TWISTING ATTACHMENT
John Loyn Marshall, Chattanooga, Tenn., assignor to United Hosiery Mills Corporation, Chattanooga, Tenn., a corporation of Tennessee
Application July 2, 1935, Serial No. 29,490
6 Claims. (Cl. 66—125)

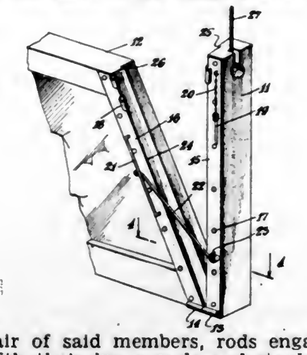


1. A twisting attachment of the character described comprising a bracket, means for attaching the bracket to a knitting machine, a tubular shaft rotatably mounted in the bracket, a cone of yarn carried by said tubular shaft, legs depending from the bracket, a shaft carried by said legs, and driving connections between said last mentioned shaft and the said tubular shaft.

2,061,914
WINDOW CONSTRUCTION
Anthony Mauro, Brooklyn, N. Y.
Application February 12, 1936, Serial No. 63,585
5 Claims. (Cl. 20—49)

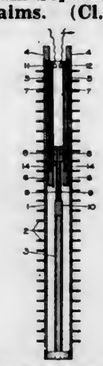
1. A window comprising sashes, each composed of a pair of divided side frame members hingedly

connected at their lower ends, the plates of said hinges extending across the entire length of said members, locking members formed with said hinge plates at their upper ends to normally lock the frame members together to form a sash for the usual vertically reciprocating movement, loops at the front faces of the hinge plates on one of



each pair of said members, rods engaging the loops with their inner ends and staples on the front faces of the hinge plates on the other pair of said members to be engaged by the outer ends of said rods to limit the movements of the side frame members containing the panes about their hinges.

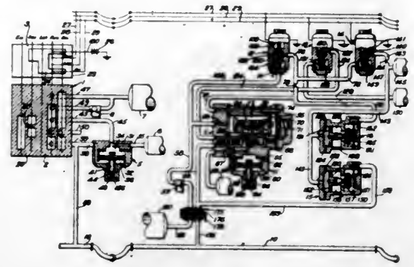
2,061,915
THERMOSTAT CONTROL APPARATUS
Robert Henri Mautsch, Brussels, Belgium, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application May 9, 1935, Serial No. 20,571
In Belgium September 26, 1934
14 Claims. (Cl. 297—11)



1. In a thermostat, in combination, an element adapted to expand and contract under the influence of variations of temperature to which the element is subjected, a control member movable in directions transversely of the longitudinal center line of the element, and means connected by non-articulated joints to said element and control member operative upon the expansion or contraction of said element to actuate the control member.

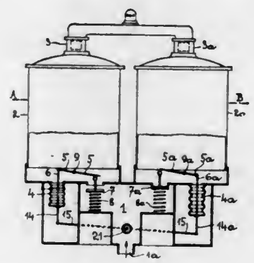
2,061,916
REMOTE CONTROLLED BRAKE
Raymond E. Miller, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application September 18, 1935, Serial No. 41,011
27 Claims. (Cl. 303—15)

1. In a fluid pressure train brake system, in combination, a brake pipe, valve means mounted on the locomotive for supplying fluid under pressure to said brake pipe and operative to cut off the supply of fluid under pressure to said brake pipe and to release fluid under pressure from the brake pipe, electroresponsive means mounted on a car of said train for supplying fluid under pressure to the brake pipe and operative to cut off the supply of fluid to the brake pipe and to release fluid under pressure from the brake pipe, means associated with the valve means on the locomotive and operative to control the electro-



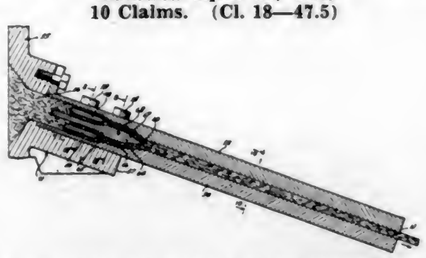
responsive means in accordance with operation of said valve means, and means associated with said electroresponsive means and automatically operable to cut off the supply of fluid under pressure to the brake pipe by said electroresponsive means on failure of the said electroresponsive means to operate to effect the cutting off of the supply of fluid under pressure to the brake pipe on movement of the valve means on the locomotive to a position to cut off the supply of fluid under pressure to the brake pipe at the locomotive.

2,061,917
LIQUID MEASURING APPARATUS
Ignaz Müller, Vienna, Austria
Application September 12, 1933, Serial No. 689,088
In Austria September 19, 1932
5 Claims. (Cl. 73—220)



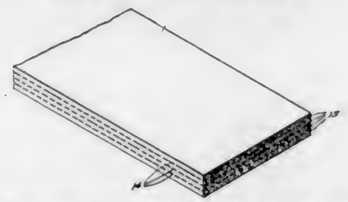
1. Liquid measuring apparatus having at least two measuring vessels, said vessels being adapted to be alternately filled and emptied, inlet and outlet valves for said vessels positioned in one wall of each vessel, members for controlling the movements of said valves and an elastic body member for each vessel positioned in the same wall as the valves for automatically operating said controlling members, and a rigid member disposed outside the vessels connecting said body members whereby the expansion of one elastic body member causes or assists the contraction of the other elastic body member and vice versa.

2,061,918
MOLDED BRAKE LINING AND PROCESS FOR MAKING THE SAME
William Nanfeldt, Clifton, N. J., assignor to World Bestos Corporation, Paterson, N. J., a corporation of Delaware
Application February 2, 1931, Serial No. 512,892
Renewed April 22, 1936
10 Claims. (Cl. 18—47.5)



1. A process for making brake bands out of a moldable composition containing rubber, rubber solvent, sulphur and filler ingredients, which consists in forming the material into separated layers, forcing the layers together into a unitary strip, removing the solvent from said strip, forming the strip roughly to size by the application of transverse pressure thereon, removing the original edges of said strip, curing the strip by the application of heat and pressure in suitable molds, removing one of the flat surfaces of said strip, and finally relieving the internal stresses of the strip by a flexing operation.

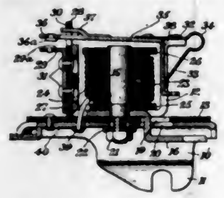
2,061,919
BRAKE LINING
William Nanfeldt, Clifton, N. J., assignor to World Bestos Corporation, Paterson, N. J., a corporation of Delaware
Application October 31, 1931, Serial No. 572,345
Renewed April 22, 1936
9 Claims. (Cl. 154—52)



5. A curvilinear brake band lining consisting of a plurality of separated layers of asbestos-containing material and bonding material substantially free of asbestos fibres in which said layers are embedded, said surface curving outwardly from the edges thereof, relative to the center of curvature of the lining.

2,061,920
CIRCUIT BREAKER
Peter Piffath, Elmhurst, N. Y.
Application March 20, 1935, Serial No. 11,907
13 Claims. (Cl. 175—336)

2. In a circuit breaker, a U-shaped frame having a slot in one leg, an electro-magnet core fixed to the bight of said frame, an armature plate overlying the end of said core and having a projection lying in said leg slot, a leaf spring having one end connected to the end of said slotted leg and the other end connected to said armature, and an insulated stop carried by the other frame leg, said armature plate having a tongue struck out and engageable with said stop and said spring

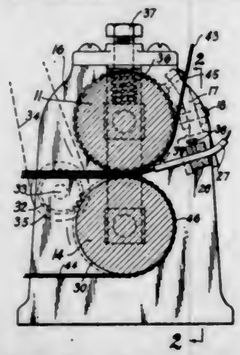


having an extension bowed to engage said armature projection.

2,061,921
CORROSION RESISTANT TUBES
Edward W. Roath, Waterbury, Conn., assignor to The Chase Companies, Incorporated, New Haven, Conn., a corporation of Connecticut
No Drawing. Application March 20, 1936, Serial No. 69,885
15 Claims. (Cl. 138—47)

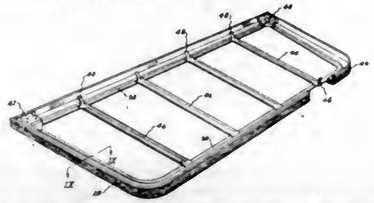
1. A dezincification-resistant dezincifying-liquid-contact wrought-brass tube formed from brass containing: an apparent copper content from about 57% to about 85%; an actual zinc content less than the apparent copper content and which if alone with the copper would form a tube which would dezincify; an actual tin content from about ¼% to about 2%; an actual aluminum content from about ½% to about 4%; and an actual antimony content small enough to permit the tube to be wrought but sufficient to substantially improve the dezincification resistance of the tube.

2,061,922
MACHINE FOR CORDING ORNAMENTATION
Sam Ross, Brooklyn, N. Y., assignor to Major Leather Supply Co., New York, N. Y.
Application November 11, 1935, Serial No. 49,143
3 Claims. (Cl. 41—1)



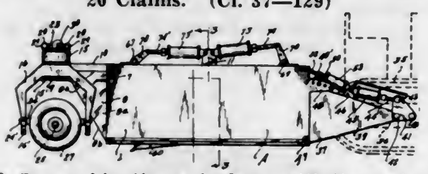
1. A machine for ornamenting a composite fabric with raised lineal cording designs, comprising an upper roller having a plurality of grooves arranged in parallel and wave-like relation in its outer surface and having a wave-like cam at one end, a lower roller mounted in adjacent parallel relation with the upper roller, means for bringing the two rollers against each other by yielding pressure, means for guiding a plurality of cords intermediate fabric layers and in alinement with said wave-like grooves, and means for positively rotating said rollers in opposite directions.

2,061,923
SEAT FRAME FOR AUTOMOBILES AND THE LIKE
Jacob D. Sherman, Clair S. Reed and Otis C. Currie, Jackson, Mich., assignors to Reynolds Spring Company, Jackson, Mich., a corporation of Delaware
Application May 9, 1936, Serial No. 78,840
6 Claims. (Cl. 155—180)



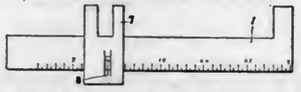
2. A seat frame for automobiles and the like having as a structural part thereof a composite border frame member of sheet metal and fibrous strip rolled one upon the other, said fibrous strip being substantially L-shaped in cross-section with the inner sides and ends of the normally disposed sections of said fibrous strip covered by said metal strip, and adjoining longitudinally extending portions of the outer sides of said sections of said fibrous strip being fully exposed to provide tacking surfaces for the upholstering.

2,061,924
COMBINATION SCRAPER AND BULLDOZER
McLennen C. Slate, Albany, Oreg.
Application January 7, 1935, Serial No. 699
20 Claims. (Cl. 37—129)



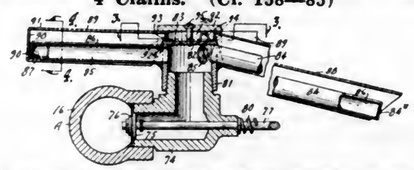
6. In combination a body constituting a hopper open at one end, guidable ground supported members at and supporting the other end thereof, the first end of the body being unsupported, and a draft supported member closing the open end of the body including construction providing for a coupling between body and draft supported member whereby they may be buckled upon the coupling for the purpose of raising the draft supported member and the coupled end of the body.

2,061,925
VARIABLE LINER GAUGE FOR INTEGRAL LINE-CASTING TYPE MACHINES
Charles A. Spickler, Yardley, Pa.
Application March 26, 1935, Serial No. 13,099
3 Claims. (Cl. 29—84)



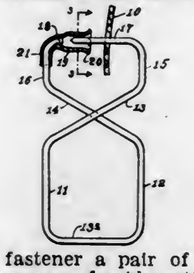
1. A device for setting a liner tip in the mold slot of an integral line-casting type machine comprising a member formed with means thereon for engaging a recess in the mold slot to hold said member in fixed position with respect thereto and an element movable with respect to said member and graduated to indicate the relative positions thereof, said element having a portion formed to engage a liner tip to position the same.

2,061,926
PUSH BUTTON LIGHTER
Fayville A. Trow, Albert Lea, Minn.
Application June 18, 1935, Serial No. 27,201
4 Claims. (Cl. 158—85)



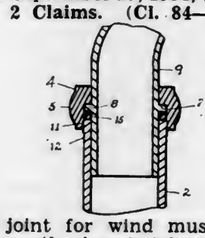
1. In a lighter structure, a tubular member having a perforated top, a plurality of tubes communicating with the interior of the member at its sides, having longitudinal slots in their tops, a hood over each tube forming a passage above the slot in such tube, and a structure forming a chamber above the member communicating with the member through said perforations, said chamber being also arranged in communication with said hoods at the ends thereof.

2,061,927
TAG FASTENER
Samuel Weiss, Brooklyn, N. Y.
Application February 28, 1936, Serial No. 66,245
6 Claims. (Cl. 40—24)



2. In a tag fastener a pair of prongs, outer portions thereon, one of said portions terminating in an engaging member to be connected to a fabric or garment, the other portion having thereon a relatively long housing for enclosing therein the outer end of said member, said housing having thereon a part which is clamped upon the end of said other portion, and said outer end extending into said housing sufficiently far to insure the retention of said outer end in said housing under all working conditions, thereby preventing the accidental removal therefrom of the said fabric or garment.

2,061,928
JOINT FOR WIND MUSICAL INSTRUMENTS
John H. Albrecht, Utica, N. Y., assignor of one-half to Walter A. Bringe, New Hartford, N. Y.
Application September 19, 1934, Serial No. 744,710
2 Claims. (Cl. 84—385)



1. In a joint for wind musical instruments wherein a mouth piece is telescoped to the neck of a wind musical instrument, an annular shoul-

der formed on said mouth piece, a ring member having a shoulder for cooperating with the shoulder on said mouth piece and means disposed between said shoulder and said instrument neck, whereby to hold said mouth piece neck to said musical instrument neck in a hermetically sealed manner.

2,061,929

PORTABLE FURNITURE

Fletcher Ames, Palo Alto, Calif.

Application December 24, 1935, Serial No. 56,033

3 Claims. (Cl. 280—46)



1. In furniture of the character described having a main frame which is wheel supported at one end and leg supported at the opposite end, means for raising the leg supported end, said means comprising a bearing bracket secured to the leg supported end of the frame, a vertically disposed king pin journaled in said bracket, a fork formed on the lower end of the king pin, a pair of connected crank arms held at one end in the fork and free to swing therein, a pair of wheels journaled one on each crank arm at the opposite ends of the crank arms, and a handle secured to the crank arms intermediate their ends to swing the crank arms together with the wheels below the frame to raise the same.

2,061,930

PROCESS OF MAKING PHOTOMAT

Darrel M. Barnes and Hubert D. Dwight, Portland, Oreg.

No Drawing. Application July 8, 1935, Serial No. 30,422

3 Claims. (Cl. 41—25)

1. The method of preparing a photo-mat for the direct casting of a printing plate which consists of preparing a coated card of the character described, photographically transferring a design to the coated card, simultaneously rendering parts of the coated surface insoluble, washing out the soluble portions of the coating to make a matrix of the design and treating the remaining portions of the coating to restore heat sensitiveness impaired by the photographic processes.

2,061,931

MANUFACTURE OF ABRASIVE ARTICLES

Raymond C. Benner, Niagara Falls, Osborne L. Mahlman, Kenmore, and Walter D. Rossow, Niagara Falls, N. Y., assignors to The Carborundum Company, Niagara Falls, N. Y., a corporation of Pennsylvania

No Drawing. Application December 6, 1934, Serial No. 756,328. In Canada June 20, 1932

8 Claims. (Cl. 51—278)

1. The method of making a resin bonded abrasive article which comprises moistening abrasive grains with a clear homogeneous mixture of a substantial proportion of water and a liquid resin miscible therewith, mixing a powdered resin with the moistened grain to form a substantially dry distributable mix wherein each abrasive granule has an outer coating of dry resin, forming an article from the said dry mix, and hardening the article by heating.

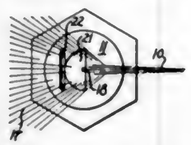
2,061,932

MEANS AND METHOD FOR MIXING LIQUIDS

Gilbert G. Budwig, Saratoga, Calif., assignor to Insect-O Products Company, Burbank, Calif., a corporation of California

Application December 15, 1934, Serial No. 757,640

4 Claims. (Cl. 299—84)



3. In liquid spray apparatus comprising a means providing a substantially flat distributing surface, a nozzle positioned to direct a jet of liquid obliquely against said distributing surface to form a fan-shaped sheet of liquid in contact with said surface, said surface having a suction aperture therein opening beneath said sheet, a conduit connecting said aperture with a source of liquid to be aspirated, said surface having a depression therein in the path of the mixed liquids shaped to create cross currents in said sheet to more thoroughly mix said liquids.

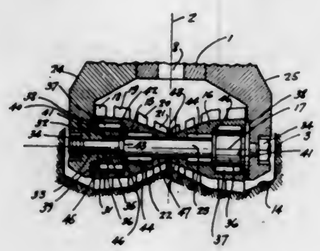
2,061,933

STRUCTURE FOR ROLLER BITS

Roland R. Crum, Whittier, Calif., assignor of one-fourth to Edwin A. Perkins and three-eighths to Frank W. Brainard, both of Whittier, Calif.

Application March 18, 1935, Serial No. 11,652

10 Claims. (Cl. 255—71)



1. In a roller bit structure, a bit frame, a pair of arms supported on the frame, each of said arms having an inwardly extending apertured boss having an axis radial to the axis of the frame, said apertures being in alinement, a supporting member passing transversely of the frame axis and supported in said apertures, said supporting member having a cylindrical surface intermediate the bosses, and forming inner roller races, a pair of means, one of said means extending over one of the bosses and the other of said means extending over the other of the bosses, said means forming inner roller races of larger diameter than those formed by the supporting member and providing an abrupt shoulder between the smaller and larger roller races, a pair of roller cutters, cooperating respectively with the pair of means that extend over the bosses each having a pair of internal cylindrical surfaces of different diameters cooperating respectively with the corresponding inner races, and rollers in said races.

2,061,934

RUBBER-LIKE SYNTHETIC HIGH-MOLECULAR MASSES

Martin Mueller-Cunradi and Kurt Pieroh, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application April 12, 1935, Serial No. 16,014. In Germany April 18, 1934

9 Claims. (Cl. 260—2)

1. The process for the production of solid, elastic, rubber-like, synthetic, high molecular masses which comprises polymerizing vinyl isobutyl ether of a high degree of purity at temperatures below 10° C. by means of boron fluoride.

2,061,935

MANUFACTURE OF CELLULOSE PULP

Pierre Delcroix, Voiron, France, assignor to Papeteries Navarre, Lyon, France, a limited liability company

No Drawing. Application December 15, 1932, Serial No. 647,414. In France April 22, 1932

5 Claims. (Cl. 92—21)

1. In a process of manufacturing unbeaten and unrefined cellulose pulp wherein the same is reduced to non-fluid form on a pulp machine, the step of applying a small quantity of melted paraffin to the drying sheet of unbeaten and unrefined fibres as the said sheet passes through the pulp machine.

2,061,936

MOUTH PROP

Charles Engelfried, Philadelphia, Pa., assignor to The J. Bird Moyer Company, Inc., Philadelphia, Pa., a corporation of Pennsylvania

Application September 27, 1934, Serial No. 745,663

8 Claims. (Cl. 128—12)



1. In a jaw prop, two adjustably spaced bars having inner and outer ends for position in use respectively inside and outside of the mouth of a patient, a bolt guide carried by one of the bars and slidable in the other of the bars throughout the entire range of adjustment, a stop on the bolt setting an outer limit to movement for any adjustment, screw means for adjusting the separation of the bars at which the stop is engaged, the adjusting member of the screw means being exposed at the exterior of the prop in all operating positions of the prop and a spring surrounding the bolt engaging the slidable bar and pressing the bars apart toward engagement.

2,061,937

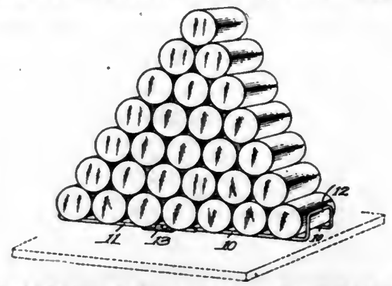
MERCHANDISING DISPLAY RACK

George W. Fay, Philadelphia, Pa.

Application January 23, 1936, Serial No. 60,473

3 Claims. (Cl. 211—49)

1. As an article of manufacture, a rack for the purpose described comprising two wire frames, each consisting of two horizontal legs and a vertical handle, said frames being located with the handles at opposite ends and each pair of legs projecting inwardly toward the handle of the other frame, and the four legs being arranged in pairs on opposite sides with those of each pair being nearly in contact to constitute the sides of a rack, and flexible strips of sheet material



through which said legs pass for adjustably holding said legs of the two pairs together at a point between the handles.

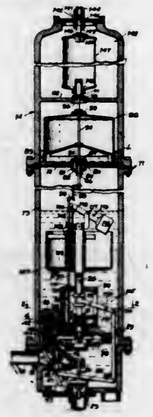
2,061,938

METHOD AND APPARATUS FOR COMPRESSING GAS

Donald G. Griswold, Los Angeles, Calif., assignor, by mesne assignments, to Clayton Manufacturing Company, Alhambra, Calif., a corporation of California

Application May 8, 1934, Serial No. 724,515

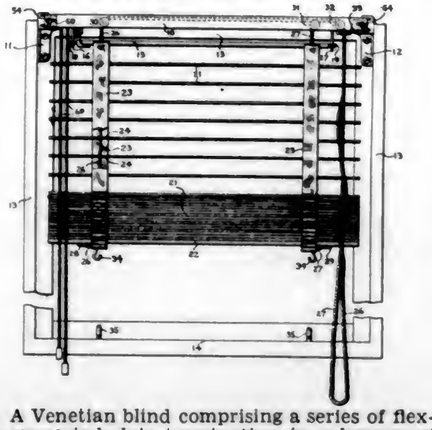
17 Claims. (Cl. 261—121)



1. The method of compressing a gas which includes the steps of: completely filling a chamber with a pressure liquid to displace the gas therein; draining part of said liquid from said chamber by gravitation, thereby forming a receding column of liquid in said chamber; admitting substantially all of the gas to be compressed into said chamber through said receding column of liquid thereby washing and cooling said gas; and then forcing pressure liquid into the chamber to displace and compress said gas.

3. A gas compressor of the class described embodying: a housing having a main compressing chamber and an auxiliary float and outlet chamber; a check valve between said chambers; a liquid inlet in said main compression chamber; a liquid drain connection extending through the bottom of said main compression chamber; an air inlet in said main compression chamber below the normal liquid level therein; valves in said liquid inlet and outlet and in said air inlet; and float means in said chambers for controlling the actuation of said last mentioned valves.

2,061,939
VENETIAN BLIND
Samuel Hammer, Brooklyn, N. Y., assignor to United Metal Box Co., Inc., Brooklyn, N. Y., a corporation of New York
Application May 18, 1934, Serial No. 726,223
4 Claims. (Cl. 156—17)



1. A Venetian blind comprising a series of flexibly connected slats terminating in a lowermost slat, and flexible raising and lowering members extending through all said slats and connected to the bottom of the lowermost slat, in combination with hooking means slidably secured to said raising and lowering members at a point on said members between the connection of said members to the lowermost slat and that portion of said members which passes upwardly through said slat, and means for connecting said hooking means to a fixed point below said lowermost slat, whereby a raising pull on said flexible members will exert a downward pull on said lowermost slat.

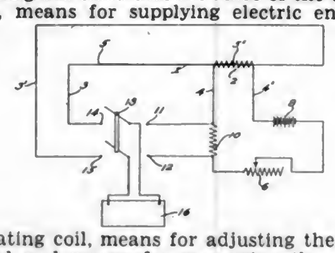
2,061,940
BUFFING WHEEL
Harry E. Hargy, Sr., Sycamore Township, Hamilton County, Ohio
Application March 12, 1936, Serial No. 68,415
7 Claims. (Cl. 51—193)



7. A buffing wheel comprising a series of layers of fabric and each layer consisting of several sheets of fabric having a series of flattened radial pleats.

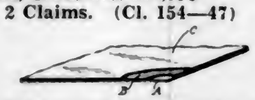
2,061,941
DEVICE FOR MEASURING FLUID VELOCITY
William V. Hukill, Clarendon, Va.
Dedicated to the free use of the Public
Application August 22, 1932, Serial No. 629,944
3 Claims. (Cl. 73—204)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A device for measuring the velocity of flow of fluids comprising a thermocouple, a heating coil wrapped about one junction of said thermocouple and solely supported thereby and being in mechanical and thermal contact but not in electrical contact with said junction, said thermocouple being otherwise free from thermal or mechanical contact with any solid material, means for measuring the electromotive force of the thermocouple, means for supplying electric energy to



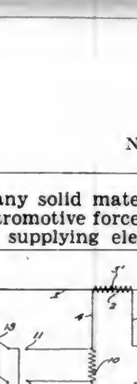
the heating coil, means for adjusting the energy supplied and means for measuring the amount of energy supplied.

2,061,942
MOUNTING FOR LEAF
William S. Jones, Seaford, Del.
Original application December 2, 1931, Serial No. 578,515. Divided and this application November 23, 1934, Serial No. 754,396
2 Claims. (Cl. 154—47)



1. An article of manufacture for heat embossing comprising in combination aluminum foil, metal leaf, and an adhesive for securing the metal leaf to the surface of said aluminum foil.

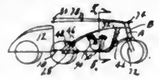
2,061,943
CONCRETE VIBRATOR MECHANISM
Enoch Berg Jorgensen, Los Angeles, Calif., assignor to Viber Company, Limited, a corporation of Nevada
Application January 21, 1936, Serial No. 60,127
6 Claims. (Cl. 259—1)



1. In a vibrator having an unbalanced weight shaft and bearing assembly enclosed within a housing adapted to be inserted within an unset concrete mass for vibration of the same, multiple elongated eccentric weights adjustably positioned lengthwise on said shaft and adapted to rotate with said shaft.

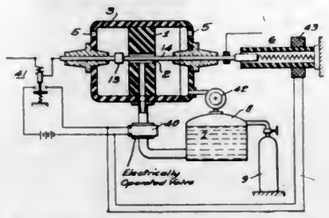
2,061,944
ABREAST MOTORCYCLE CONTROL
Frank F. Jungkunz, Milford, Iowa
Application May 25, 1936, Serial No. 81,700
13 Claims. (Cl. 180—1)

1. In an abreast motorcycle control, a plurality of motorcycles, a frame work connecting said motorcycles in spaced apart abreast relationship and permitting limited advance of one motorcycle ahead of the other, resilient means tending to prevent such advance, a lever attached to a steerable part of each motorcycle, said levers be-



ing interconnected for simultaneous movement, means for actuating said levers from a position rearward of said motorcycles and a speed controller for said motorcycles actuated from said means.

2,061,945
CIRCUIT INTERRUPTER
Floris Koppelmann and Werner Kaufmann, Berlin-Siemensstadt, and Fritz Kesselring, Berlin-Hermsdorf, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 23, 1934, Serial No. 707,928
In Germany January 23, 1933
4 Claims. (Cl. 200—150)

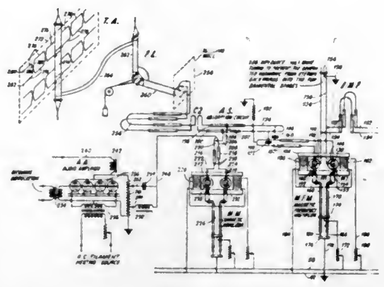


1. In a circuit interrupter for use with alternating current circuits, means for defining the walls of a tubular arc passage having a length at least several times its greatest cross sectional dimension, means for establishing the arc incident to the opening of said interrupter longitudinally within said arc passage, a body of arc extinguishing liquid, and means operable during each circuit opening operation of said interrupter to move a quantity of said liquid which has not been subjected to the arc into said arc passage, said liquid being introduced into said passage under sufficient pressure, with respect to the dimensions of said passage, to cause at least a portion of said arc to be surrounded by a flowing stream of fresh, unionized, arc extinguishing liquid which intimately contacts said arc at all times during the entire circuit opening operation, despite the variations in cross sectional area of the arc which accompany the normal fluctuations in the arc current.

2,061,946
ARTIFICIAL MASSES
Erich Kuehn, Mannheim, and Heinrich Hopff, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application December 16, 1933, Serial No. 702,790. In Germany December 23, 1932
15 Claims. (Cl. 260—2)

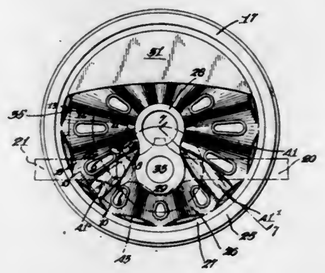
5. Artificial compositions obtainable by condensing a polymerized vinyl alcohol with an alpha-halogenalkyl ether said ether containing at least 2 hydrocarbon radicals which are joined together by means of an oxygen atom.

2,061,947
MODULATION
Nils E. Lindenblad, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Original application April 5, 1932, Serial No. 603,310. Divided and this application November 17, 1933, Serial No. 698,496
22 Claims. (Cl. 179—171)



3. In combination, a tuned high frequency circuit having a high frequency voltage maximum point, and means for varying the flow of high frequency currents in said circuit at a relatively low frequency rate comprising an absorbing circuit connected to said high frequency circuit at said voltage maximum point, said absorbing circuit comprising the impedance between the cathode and a cold electrode in an electron discharge device, said cathode emitting electrons to said cold electrode and means for subjecting the emitted electrons to a unidirectional magnetic field.

2,061,948
DRIVING WHEEL
Charles H. Mekeel, Jr., Reading, Pa., assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa., a corporation of Pennsylvania
Application September 22, 1934, Serial No. 745,043
15 Claims. (Cl. 295—2)

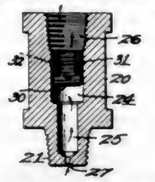


1. In a locomotive, driving means including side rods and a knuckle pin joining them, and a wheel connected to one of the side rods adjacent the knuckle pin, the wheel having a rim, main and crank pin hubs and a counterbalance and a corrugated web joining the hubs and the rim, the gutter of one of the corrugations facing the knuckle pin in position to lie back of the knuckle pin at one of the wheel positions, said corrugations being of such size and position with respect to the path of the pin as to provide room for removal and replacement of the knuckle pin.

2,061,949
DEVICE TO ABSORB PRESSURE FLUCTUATIONS

Kenneth C. Monroe, Hudson, Mass., assignor to The Lapointe Machine Tool Company, Hudson, Mass., a corporation of Maine

Application December 9, 1935, Serial No. 53,460
2 Claims. (Cl. 138—42)

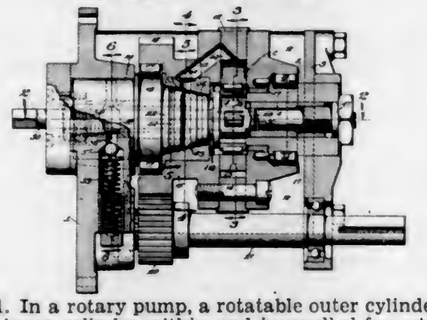


1. A device to absorb pressure fluctuations comprising a body having a cylindrical chamber, a sediment chamber communicating therewith, a shoulder separating said chambers, an orifice in one end of said body forming an inlet to said sediment chamber, an outlet passage in the opposite end of said body for said cylindrical chamber, and a cylindrical plug fixedly assembled in said cylindrical chamber with a press fit and substantially filling said chamber, said plug being seated against the shoulder between said chambers and having a small continuous fine pitch spiral groove in its peripheral surface forming a passage of relatively great length and restricted cross section extending from said sediment chamber to said outlet passage.

2,061,950
ROTARY PUMP

Robert William Ott, Rockford, Ill., assignor to Robert Wm. Ott and Charles H. C. Van Pelt, trustees, Cincinnati, Ohio

Application July 12, 1932, Serial No. 622,097
Renewed April 14, 1936
9 Claims. (Cl. 103—120)



1. In a rotary pump, a rotatable outer cylinder, an inner cylinder within and journalled for rotation tangential to the bore of the outer cylinder, a plurality of radial vanes rotatably connecting said cylinders, each vane having pivotal connection with one cylinder and a sliding connection with the other, said vanes dividing the circumferential space between the cylinders into a plurality of chambers, and for an arc of rotation with each revolution of said cylinders providing a key for rotatively connecting said cylinders, a head of the outer cylinder provided with passages one for each chamber for supplying and discharging the fluid to and from the chamber and a stationary valve concentrically engaged and fitting within a recess in said outer cylinder head, the valve having independent inlet and outlet ports and passages respectively cooperating with said passages in said head for simultaneous intake and discharge control respectively for a corresponding number of said chambers for continuous and uniform volumetric intake and discharge.

2,061,951
LAMINATED ARTICLE AND METHOD OF MAKING THE SAME

Joseph F. Pollard, Newburyport, Mass., assignor to Brackett Manufacturing Co., Newburyport, Mass., a corporation of Massachusetts

Application February 5, 1935, Serial No. 5,151
17 Claims. (Cl. 41—10)



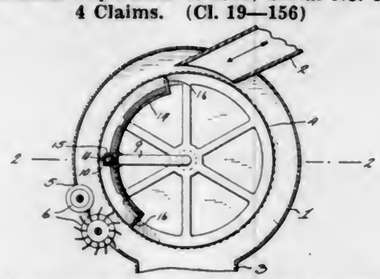
8. A heel comprising superposed lifts of leatherboard saturated with rosin and presenting in the exposed edges of said lifts random striated color variations irregularly disposed throughout the lengths of the striations and with reference to the faces of the laminations.

10. The method which comprises treating at an elevated temperature pieces of fibrous sheet material with a solution of a hardening agent selected from a group comprising gums and resins, cooling the pieces at least somewhat unequally thus producing variations in color from said agent, assembling and securing said pieces into a laminated structure, and finishing the surface thereof presenting surfaces of said laminations to present variations in color between adjacent laminations and in different portions of the same lamination.

2,061,952
COTTON CONDENSER

Charles L. Rice, Bruceton, Tenn.

Application September 3, 1935, Serial No. 39,041
4 Claims. (Cl. 19—156)



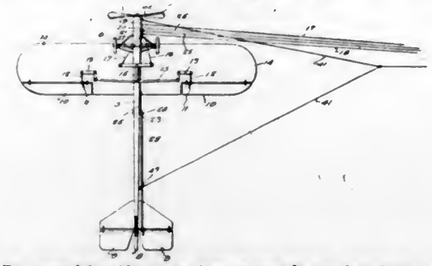
1. A cotton condenser including a casing, a screen cylinder having end walls and rotatably mounted therein and a doffer roll, means for introducing cotton through the upper part of the casing onto the screen cylinder, air outlet means for the casing beneath the cylinder, a tubular shaft extending through the cylinder and having

portions passing through the axial center of said end walls and an offset portion between the end walls and in close proximity to and paralleling the side wall of the cylinder, said offset portion having air discharge openings directed towards the adjacent cylinder wall, means for discharging air under pressure through said openings, and a shield member supported by the offset portion of the shaft and extending over and in spaced relation with the interior surface of the cylinder side wall between the cotton inlet and the doffer roll said shield including end flanges extending toward and into close relation with said side wall.

2,061,953
TOY AEROPLANE AND CONTROL THEREFOR

Max Sampson, Gary, Ind.

Application February 12, 1936, Serial No. 63,651
1 Claim. (Cl. 46—76)

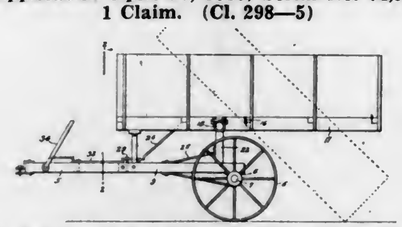


In combination, a toy aeroplane having adjustable elevation controlling elements, remote means for controlling the plane, said remote means consisting of a portable handle and flexible lines extending from the handle to said controlling elements, whereby the aeroplane can be swung and controlled.

2,061,954
RICE WAGON

Joseph Virgel Thompson, Buckeye, Tex.

Application April 17, 1936, Serial No. 74,978
1 Claim. (Cl. 298—5)

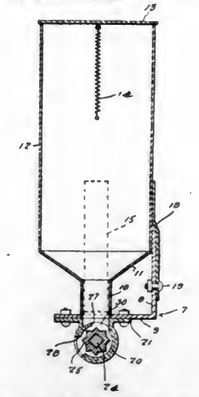


A device of the class described including a wheel frame, a bin mounted on the frame, means for tiltably mounting the bin on the frame and latch means for releasably securing the bin against tilting movement and comprising a brace member having an intermediate portion resting on the frame and normally supporting the forward end of the bin, said brace member having a pair of arms extending upwardly and outwardly from said intermediate portion and also having an arm extending upwardly and rearwardly from said intermediate portion, all of said arms being attached to the underside of the bin, said last named arm having a pair of diverging legs connected to the intermediate portion of the brace member at spaced points and a slidably actuated latch bar mounted on the frame and having one end overlying said intermediate portion of the brace and positioned between said legs.

2,061,955
SEED HOLDING AND DISTRIBUTING DEVICE

Arthur Waddick, Peosta, Iowa

Application June 5, 1936, Serial No. 83,786
2 Claims. (Cl. 221—136)



1. In a structure of the class described, in combination, an angle-iron including a horizontal flange and a vertical flange, said horizontal flange having a circular opening formed therein, a seed holding container, the bottom thereof having a conical hopper and a centralized depending tubular neck extending into the opening in said horizontal flange, and a valve unit attached to the bottom of said flange in registry with said opening including a portion supporting said neck.

2,061,956
GARMENT SUPPORTER

Willis C. Ward, Orchard Lake, Mich.

Application July 1, 1935, Serial No. 29,357
4 Claims. (Cl. 241—1)



1. A garment supporter comprising a rigid member having a flat plate portion for extending inside the trousers, a return bent hook at the upper end of said plate for engaging the trousers band and an upwardly extending tongue on the reverse side of said plate for engaging a loop on the drawers, the lower portion of said plate member having detachably secured thereto a flexible elastic for supporting the hose.

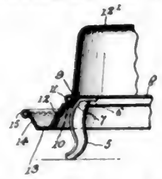
2,061,957
CAKE BOX

Pauline A. Brown, Victoria, Tex.

Application January 14, 1936, Serial No. 59,147
4 Claims. (Cl. 65—59)

1. An improved cake box comprising a bottom member, legs supporting said bottom mem-

ber at an elevation above the supporting surface, said bottom member having a diagonal flange turned downwardly from its circumferential edge, and a horizontal seat turned outwardly



from the lower edge of said diagonal flange, a trough suspended from said seat, and a cover for the box of inverted cup-shape form with its lower edge arranged to rest on said seat.

2,061,958

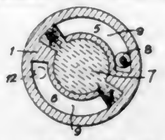
AIR FILTERING APPLIANCE FOR BOTTLES

Harold Eric Chapman, Pinner, England

Application February 24, 1936, Serial No. 65,468

In Great Britain January 8, 1935

7 Claims. (Cl. 215—37)



1. A container closure having a substantially horizontally disposed passageway and an opening providing communication between said passageway and the atmosphere, a member disalined from said opening and extending upwardly into said passageway from the bottom thereof and having a duct providing communication between said passageway and the container, said duct opening into said passageway above the bottom thereof, and an air filtering medium in said passageway.

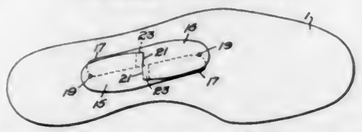
2,061,959

SHOE AND SHANK STIFFENER THEREFOR

Frederick L. Cheever, Hanover, Mass., assignor to Perley G. Flint, Brockton, Mass.

Application November 23, 1934, Serial No. 754,448

7 Claims. (Cl. 36—76)



1. A shoe having interposed between the insole and sole, at the shank portion of the shoe, a shank stiffener comprising a pair of resilient elongated sheet metal members each of which is shaped to form a body portion and a connected elongated portion of greater flexibility than said body portion, said members being so positioned that said elongated portion of each member is between the body portion of the other member and the insole.

2,061,960

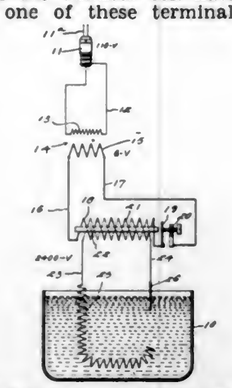
MEANS FOR AGING LIQUORS

James Otis Coffman and Charles F. Coffman, Sykesville, Pa.

Application February 16, 1935, Serial No. 6,900

1 Claim. (Cl. 204—26)

A mechanism for aging liquors, including a tank, a source of current, a step-down transformer having a primary and a secondary coil, a vibrator coil having a primary and a secondary, the primary of the vibrator coil being connected to the secondary of the transformer coil, the secondary of the vibrator coil having terminal conductors, one of these terminal conductors



being adapted to be immersed in the liquid in the tank, one of said conductors being of soft iron and being coiled, the coiled portion extending through a large part of the liquor in the tank and because of its coiled condition presenting a large surface to said liquor.

2,061,961

CONNECTER FOR ELECTRIC CIRCUITS

Carl H. Culver and Charles G. Lee, Detroit, Mich., assignors to Culver Manufacturing Company, Detroit, Mich., a corporation of Michigan

Application September 4, 1934, Serial No. 742,676

5 Claims. (Cl. 173—328)



4. The combination of a pair of angle members, one being substantially rigid and the other resiliently flexible, an insulator support, a rivet passing through registering apertures in the base portions of said angle members and insulator support to secure the same to each other, a tongue projecting from the base portion of said rigid angle member and through an aperture in the base of said flexible angle member into a recess in said insulator support to hold said members from turning, and a contact member forming the terminal of a flexible conductor telescopically engaging said rigid angle member and locked in engagement by said resilient member.

2,061,962

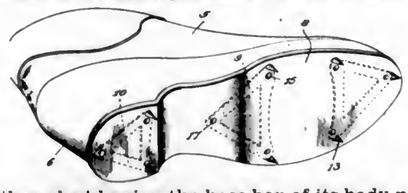
ANTISKID ATTACHMENT FOR SHOES

Carlo Gabriele, Youngstown, Ohio

Application July 19, 1935, Serial No. 32,281

1 Claim. (Cl. 36—59)

In combination with a shoe including inner and outer soles, anti-skid means comprising a plurality of cleats spaced from each other longitudinally of the shoe, each cleat having an open triangular body portion formed of a base bar and converging side bars extending from ends of the base bar with their ends integrally united to the base bar and to each other, spurs extending from corners of said body and each being arcuate in cross section, said cleats having their body portions disposed between the inner and outer soles with their spurs penetrating the outer sole and projecting outwardly therefrom, one cleat being disposed adjacent the tip of the shoe with the base bar of its body portion at its rear end and



another cleat having the base bar of its body portion disposed adjacent the rear end of the ball of the sole and its side bars extending rearwardly therefrom along the shank portion of the sole, the portion of the sole between the said cleats being unobstructed whereby flexing of the sole will not be impaired, and fasteners passing through the outer sole and the body portions of the cleats.

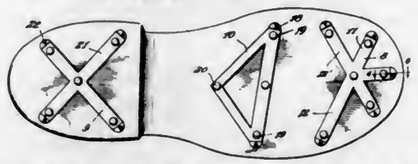
2,061,963

ANTISKID ATTACHMENT FOR SHOES

Carlo Gabriele, Youngstown, Ohio

Application July 19, 1935, Serial No. 32,282

3 Claims. (Cl. 36—59)



1. The combination with a shoe including a heel and sole, of an anti-skid device comprising a toe cleat having spaced front arms of substantially the same length radiating forwardly and diverging rear arms of different lengths, all of said arms being provided with depending spurs.

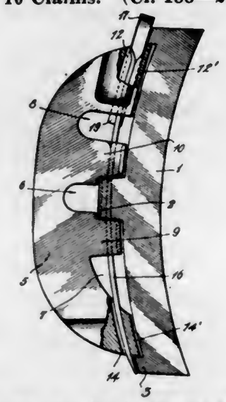
2,061,964

LOCKING PIN FOR BRAKE SHOES

George Garand, Champlain, N. Y.

Application April 19, 1935, Serial No. 17,345

10 Claims. (Cl. 188—243)



1. A locking pin for brake-shoes including an elongated shank, a resilient arm spaced throughout its length from said shank having a hooked extremity and a connection between said shank and arm.

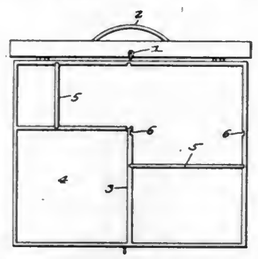
2,061,965

LUNCH BOX

Margaret S. Graeser, Oak Park, Ill.

Application July 30, 1934, Serial No. 737,679

1 Claim. (Cl. 206—4)



A lunch box comprising a receptacle including a bottom wall and side and end walls rising therefrom, a lid complementary to the receptacle, a pair of partition walls joined permanently to the bottom, said partition walls joined permanently together at one end at a right angle to each other, said partition walls joined at their opposite ends respectively to one side wall and one end wall thereby constituting a chamber of fixed capacity occupying a rectangular portion of the space in one corner of the receptacle, said partition walls and confronting side and end walls of the receptacle formed each with a plurality of pairs of aligned grooves, and bridge walls detachably mounted at right angles to each other in aligned pairs of grooves thereby dividing the remaining portion of the space in the receptacle into angular shaped chambers of variable capacity to conform to the nature of the food being carried.

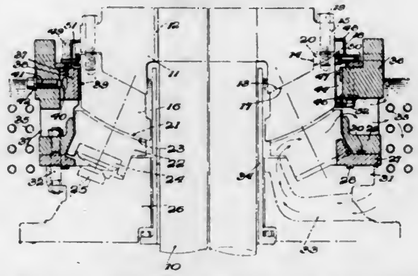
2,061,966

BEARING

Harry A. S. Howarth, Philadelphia, Pa., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa., a corporation of Delaware

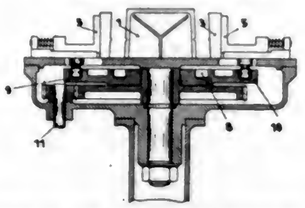
Application July 30, 1932, Serial No. 626,606

71 Claims. (Cl. 308—160)



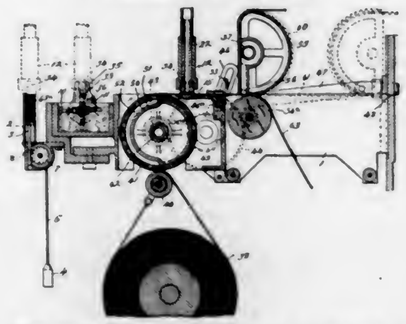
1. In an apparatus of the class described, a shaft, a spherical thrust bearing for said shaft including a thrust base ring, means supplying lubricant for said thrust bearing, an auxiliary radial bearing for said shaft supplied with lubricant from said lubricating means and normally inactive as a radial bearing but maintaining an oil film between the radial bearing surfaces and acting to maintain said shaft centralized upon separation of the spherical surfaces of said thrust bearing, and means on said base ring for supporting the elements of said radial bearing in operative position about said shaft and in unitary relationship with said thrust bearing.

2,061,967
METHOD AND APPARATUS FOR FORMING CONTAINER CLOSURES
Günther Meyer-Jagenberg, Dusseldorf, Germany
Application January 7, 1936, Serial No. 58,011
In Germany January 8, 1935
8 Claims. (Cl. 93—36.8)



1. A step in the method of forming the walls of an infolding closure of containers, consisting in offsetting the ends of the closure section bodily inwardly in flat relation.

2,061,968
METHOD AND APPARATUS FOR COMBINING WRAPPERS AND BANDS FOR CIGARS
Alfred W. Kath, Detroit, Mich., assignor to Arthur Colton Company, Detroit, Mich., a corporation of Michigan
Application March 27, 1933, Serial No. 663,079
7 Claims. (Cl. 216—55)



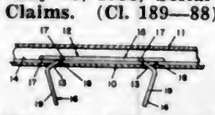
1. The process of making cigar wrappers consisting in bringing a transparent cigar wrapper and a cigar band in intimate contact with the colored face of the cigar band directed toward the transparent wrapper, with spaced spots of adhesive between them to secure the band to the wrapper, and applying pressure to adhesively attach the band to the wrapper.

2,061,969
PIN TICKET
Martin M. Keener, Lancaster, Pa.
Application October 26, 1932, Serial No. 639,691
5 Claims. (Cl. 40—25)



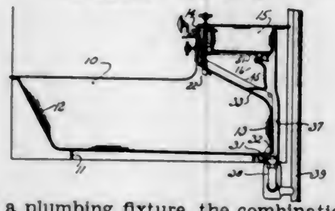
1. A pin ticket comprising a paper ticket of elongated shape having a marking area arranged on the front side extending from one end portion thereof, the opposite end portion having an embossed groove extending transversely of the ticket and spaced inwardly from the adjacent end edge thereof, said groove having different side portions thereof open respectively to the front and back sides of the ticket, and a pin extending through the groove and housed therein.

2,061,970
FASTENER FOR TRIM STRIPS
Homer G. Kellogg, Detroit, Mich., assignor to Motor Products Corporation, Detroit, Mich., a corporation of New York
Application May 15, 1936, Serial No. 80,002
8 Claims. (Cl. 189—88)



1. The combination with a channel-shaped strip and a support therefor, of a snap fastener for detachably securing the channel-shaped strip to the support, said fastener comprising a part having a head portion elongated in the direction of length of the strip and slidably engageable in the channel of the latter, and outwardly bowed leg portions extending laterally from the head adjacent opposite ends thereof and insertable within spaced openings in the support.

2,061,971
PLUMBING FIXTURE
Paul W. Leffland, Dallas, Tex.
Application September 24, 1934, Serial No. 745,234
18 Claims. (Cl. 4—4)



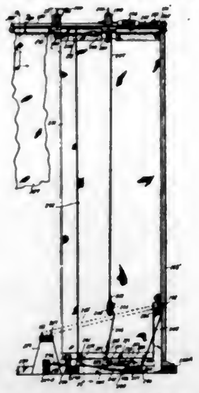
1. In a plumbing fixture, the combination of a bath tub, a lavatory mounted above and overhanging said tub, a common source of water supply to both the tub and lavatory, independently operated faucets in said tub and said lavatory connected with said common source of supply, and a removable panel covering the faucets, whereby access to the faucet connections may be had at all times.

2,061,972
HYDRAULIC CEMENT
Ellis W. Reed-Lewis, Windsor, Ontario, Canada
No Drawing. Application August 20, 1934, Serial No. 740,722
1 Claim. (Cl. 106—25)

An hydraulic cement having chromium trioxide as an ingredient thereof.

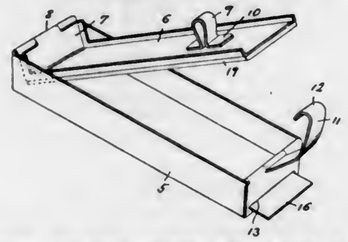
2,061,973
GOLF APPARATUS
Joseph Loeb, Portland, Oreg.
Application August 6, 1934, Serial No. 738,582
3 Claims. (Cl. 273—35)

1. A target assembly to be used with apparatus of the class described comprising, a pair of cross beams disposed in spaced relationship with each other, a pair of elongated rods depending therefrom in horizontal relationship with said cross beams and with each other, a plurality of rods disposed in spaced relationship with each other transversely of the elongated rods, a pair of compartment curtains secured to and depending from each of the transverse rods, means for maintaining said compartment curtains under tension, a plurality of target portions disposed over and depending from one of



the elongated rods and adjustably secured to the other of the elongated rods, each target portion being disposed between a pair of compartment curtains, and means secured to the lower end of each of the target portions for compensating, absorbing and dissipating the blows received thereby.

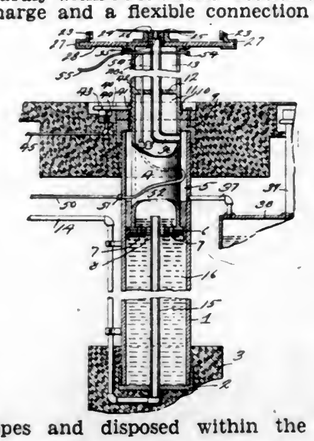
2,061,974
EXPOSURE GAUGE
Leland A. Marks, Yreka, Calif.
Application February 6, 1936, Serial No. 62,690
1 Claim. (Cl. 95—10)



A time exposure gauge comprising a casing provided with an open front, a hingedly swingable back for the gauge casing, means for securing the hinged back in closed position, a pane in the open front of the casing, a slidable sensitized sheet interposed between the back and the pane and a transparent strip having a longitudinal line thereon between the sensitized sheet and the pane and being substantially parallel to the side edges of the sheet.

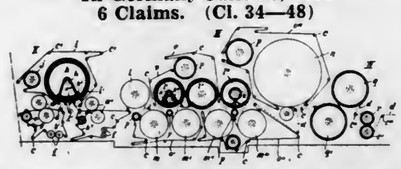
2,061,975
AUTOMOBILE SERVICE LIFT
Thomas A. Martin, Ozone Park, N. Y.
Application November 13, 1934, Serial No. 752,866
8 Claims. (Cl. 184—1.5)

1. The combination with a vehicle hoist comprising telescopically engaged sections one within the other and the inner section being of smaller exterior diameter than the interior diameter of the other section thereby forming an annular chamber, a lubricant supply pipe connected to the larger section, a lubricant discharge pipe extending upwardly within the smaller section to a point of discharge and a flexible connection between



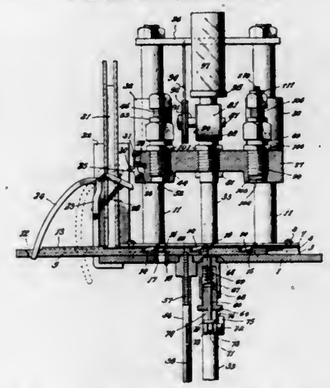
said pipes and disposed within the annular chamber.

2,061,976
PROCESS AND APPARATUS FOR THE DRYING OF TRAVELLING WEBS
Otto Merckens, Duren, Germany
Application January 29, 1936, Serial No. 61,406
In Germany June 29, 1934
6 Claims. (Cl. 34—48)



1. The method of progressively drying and developing the texture of paper or similar cellulosic pulp-derived products from the moist state, which includes confining successive portions of said web tightly between pervious protective and guiding companion webs having the same movement as said portions, passing warm drying air through said web of paper and said confining companion webs, and then passing cool saturated air through said web of paper.

2,061,977
SHELL-RELOADING DEVICE
Harry E. Newcomb, San Diego, Calif.
Application November 26, 1934, Serial No. 754,870
7 Claims. (Cl. 86—23)



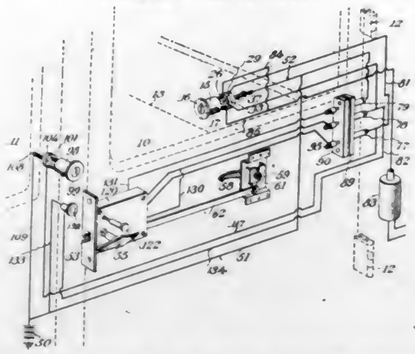
1. In a shell-reloading machine, the combina-

tion of a magazine for holding shells, a series of dies, a cross head carrying said dies and shiftable vertically, a slide to reciprocate horizontally under the magazine and dies and having members arranged to engage and feed shells singly from the magazine and progressively move the shells to positions below the dies, means actuated from the cross head for reciprocating said slide, keeper plates arranged at sides of the slide and one being shiftable toward and away from the slide, said plates serving to guide sliding movement of the slide and being provided in their confronting edges with recesses adapted to receive portions of the successive shells and arrest their movement at points below the dies, and means cooperating with the dies to supply primers to the shells successively.

2,061,978
ELECTRICALLY OPERATED LOCK FOR MOTOR VEHICLES

Joseph Pentka, Dickson City, Pa.

Application May 22, 1935, Serial No. 22,849
1 Claim. (Cl. 70—127)

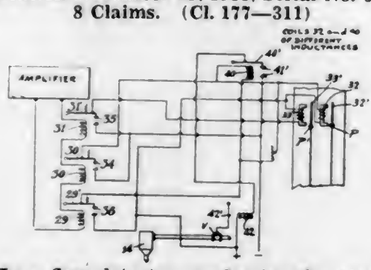


A selective control for motor vehicles comprising an ignition device, an electrically operated door lock, conductors electrically connected to the ignition device and the lock, an ignition switch controlling flow of current through the conductors and comprising a rotary barrel and a housing, juxtaposed discs of insulating material carried by the barrel and housing respectively, and a plurality of switch contacts carried by the discs effecting selective combinations of locked and unlocked positions of the door lock when the ignition is on and locked position of the lock during off position of the ignition device.

2,061,979
FLAW DETECTOR MECHANISM

Walter M. Perry, Brooklyn, N. Y., assignor to Sperry Products, Inc., Brooklyn, N. Y., a corporation of New York

Application November 15, 1933, Serial No. 658,064
8 Claims. (Cl. 177—311)

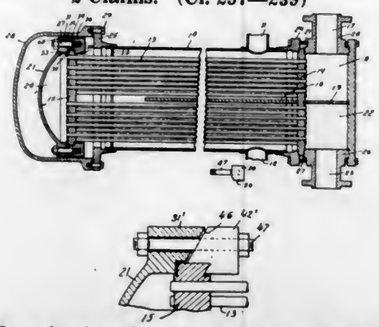


1. In a flaw detector mechanism for electrical conductors, a flaw-responsive means, an electrically operated marker, means whereby said marker is actuated by said responsive means for marking the conductor, an additional electrically operated indicator, means whereby said indicator is actuated by said responsive means, means rendered effective when said responsive means encounters a flaw for connecting said marker and said indicator in an inductive circuit, said marker and said indicator having different inductances, and means whereby said connection is broken when said responsive means passes beyond said flow.

2,061,980
HEAT EXCHANGER

Joseph Price, West New Brighton, Staten Island, N. Y., assignor, by mesne assignments, to The Griscom-Russell Company, a corporation of Delaware

Application December 10, 1931, Serial No. 580,071
2 Claims. (Cl. 257—239)

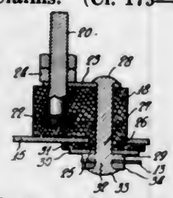


1. In a heat exchanger, the combination of a shell, a tube bundle therein, a tube sheet for one end of the tube bundle, a cap for said tube sheet having a rim engaging the outer face of the tube sheet, said cap rim having a conical seat in its inner face, and a clamping member having a tapered surface cooperating with the conical seat of the cap rim secured to the latter and overlapping the inner face of the tube sheet.

2,061,981
TERMINAL STRUCTURE

Howard E. Rhodes, Floral Park, N. Y., assignor to Aerovox Corporation, Brooklyn, N. Y., a corporation of New York

Application January 21, 1935, Serial No. 2,655
14 Claims. (Cl. 175—315)

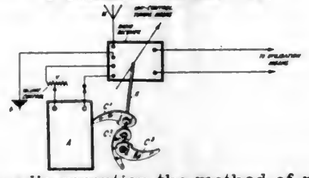


1. An electrolytic condenser including an active capacity unit, a container can therefor, a molded insulating panel engaging said can and having a ledge unitary therewith protruding from the exposed face thereof, an aluminum terminal stud through said can and through said panel and ledge, serving to affix said panel to said can, and for terminal connection of said condenser unit, and a metal terminal post molded in said ledge, free from the contents of said can, and means effecting an electrical connection from said aluminum stud to said terminal post.

2,061,982
AUTOMATIC SENSITIVITY REDUCTION SYSTEM

Walter van B. Roberts, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application March 30, 1929, Serial No. 351,408
8 Claims. (Cl. 250—20)

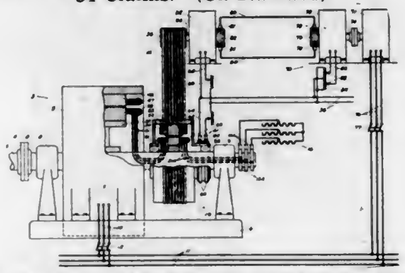


2. In radio reception the method of maintaining a low signal volume in a receiving circuit during the tuning of said circuit from one extreme of a predetermined range of frequencies to the opposite extreme of said range which consists in successively discontinuously controlling the circuit sensitivity at each of the frequencies intermediate said extreme frequencies simultaneously with the tuning of said circuit to each of said frequencies in the said range.

2,061,983
SYSTEM FOR ADJUSTABLE SPEED CONTROL OF ALTERNATING CURRENT MOTORS

Allen M. Rossman, Wilmette, Ill., assignor to Rossman Engineering Company, Chicago, Ill., a corporation of Illinois

Application March 7, 1932, Serial No. 597,144
34 Claims. (Cl. 172—274)



1. A system of adjustable speed control comprising an induction machine, electric power supply connected thereto, a synchronous machine, an electric circuit interconnecting said machines, and double range regulating means for controlling the frequency of the energy in said circuit, said regulating means, including an auxiliary machine and control therefor, whereby changes in the speed of at least one of the first two mentioned machines can be effected over a continuous range, substantially independent of load, by adjusting the speed of said auxiliary machine over its normal range twice in relatively opposite directions of rotation.

5. In combination, two alternating current motors in concatenation, said motors having a common driving shaft, one of the motors having a frame and a rotor, both frame and rotor being mounted on bearings, and double range control means for controlling the rotation of said frame for regulating the speed of the shaft over a continuous speed range.

14. In combination, a pair of machines having each a rotor member bearing a winding, a hollow shaft for each rotor member, a coupling for said hollow shafts, conductors from each winding extending through the corresponding hollow shaft and means carried in unison with said coupled shafts for coupling said conductors at said shaft coupling.

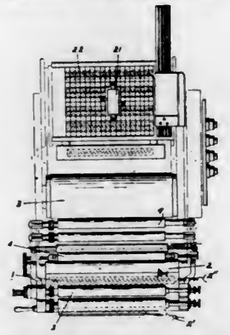
15. A system of adjustable speed control comprising a drive shaft, an induction motor connected to said shaft, and having a secondary winding, a synchronous motor having a rotatable frame and provided with an alternating current winding in series with said secondary winding, means for rotating the frame of said synchronous motor and means comprising an adjustable rheostat connected in series with said alternating current winding and said secondary winding for starting said drive shaft against a heavy torque.

33. In combination, an adjustable frequency machine having a rotor member and a frame member, each of said members being rotatably mounted, means comprising a multi-speed, pole changing type machine mechanically connected to one of said members for rotating the member at any one of a plurality of selectable speeds in either direction of rotation, and means for determining the speed of rotation of the last said member.

2,061,984
APPARATUS FOR PRESSES FOR PRODUCING WAX CARBON SPOTS ON SHEETS OF PAPER

George A. Rutkoskie, Athens, Ohio, assignor to The McBee Company, Athens, Ohio, a corporation of Ohio

Application May 8, 1934, Serial No. 724,542
3 Claims. (Cl. 101—250)



1. The combination with a printing press for printing wax carbon spots on sheets of paper, having an ink fountain, an inking fountain roller, distributing rollers and a ductor roller, mechanism to actuate the same, electrically heating elements below the ink fountain and an electrically heating element which extends across the press mounted below and adjacent the rollers; a combined shield and drip pan which covers said element, said shield having inclined walls in front and at the rear of said element, the lower edges of which are bent upwardly to form drip pans, end walls which close the ends of said bent portions, and drain pipes mounted in said end walls to carry away the excess wax carbon.

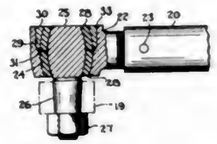
2,061,985
AXLE CONSTRUCTION

Curt Saurer, Akron, Ohio, assignor to The Firestone Tire & Rubber Company, Akron, Ohio, a corporation of Ohio

Original application January 7, 1933, Serial No. 650,694. Divided and this application June 19, 1933, Serial No. 676,511
2 Claims. (Cl. 287—85)

1. A torque-rod comprising a ball and socket joint at the end thereof, said joint including a

pair of annular, spaced rubber cushions vulcanized to the ball member and symmetrically disposed on opposite sides of the equator thereof, said cushions normally being in deformed condition



and spread axially in the assembled structure, between the ball and socket elements, said socket element comprising a retaining ring that engages a single cushion of the structure.

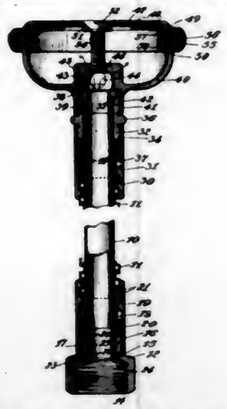
2,061,986
TIRE COVER
Frank W. Schmidt and Frederick E. Beach, Jackson, Mich., assignors to Ryerson & Haynes, Inc., Jackson, Mich., a corporation of Michigan
Application December 5, 1934, Serial No. 756,146
21 Claims. (Cl. 150—54)



1. In combination with a fixed structure of a vehicle having a spare wheel and tire carried thereby, of a metallic tire cover having one part supported from said structure and enclosing at least a portion of the rear side wall of said tire, another part of said cover being bodily removable and enclosing the front side wall of said tire, latching members carried by said parts and engageable and disengageable with each other only upon relative movement of the parts in a plane substantially normal to the axis of said wheel, and additional latching members spaced about the circumference of one of said parts, said latching members being expansible and contractible in a direction substantially parallel with the axis of said wheel and engageable with the other of said parts to assemble the tire cover upon the tire.

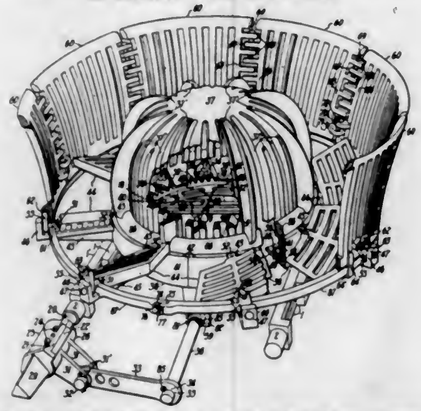
2,061,987
SPRAY DEVICE
Otto A. Sorensen, Lakeview, N. Y.
Application July 14, 1934, Serial No. 735,141
2 Claims. (Cl. 299—141)

1. A spray head comprising a dome-like member having a hollow neck portion, an orificed plate having an inturned flange, a guard member of resilient material provided with oppositely disposed inwardly directed recesses of substantially rectangular shape in cross section sized to snugly receive the edge of said flange and the edge of said dome, and means for locking said plate



to said dome with said guard interposed between adjacent edges.

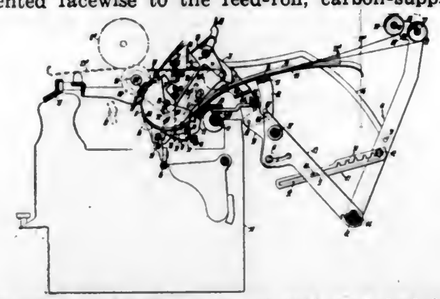
2,061,988
FUEL BURNER
William F. Steinmetz, New York, N. Y.
Application May 5, 1934, Serial No. 724,163
13 Claims. (Cl. 126—170)



2. In a fuel burner, a grate structure comprising a substantially dome shaped fuel supporting grate, a plurality of horizontally disposed and circumferentially arranged pivoted fuel supporting rocking grates substantially immediately adjacent to and surrounding said dome-shaped grate, a basket-shaped fuel supporting grate with outwardly flaring walls co-axial with said dome-shaped grate and substantially concentric with said dome-shaped grate and rocking grates, and a manually operated means for simultaneously imparting an oscillating motion to said dome and basket shaped grates about their common vertical axis and to each of said horizontally disposed rocking grates about their respective horizontal axes.

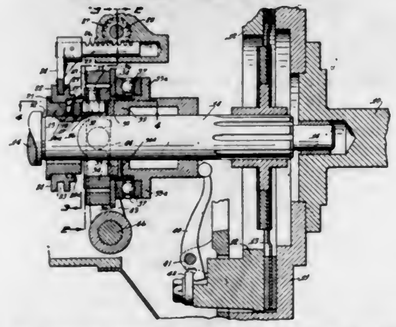
2,061,989
TYPEWRITING MACHINE
Burnham C. Stickney, Hillside, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application May 4, 1933, Serial No. 669,282
23 Claims. (Cl. 197—131)

1. In a typewriting machine, the combination with a carriage, of a platen, a feed-roll to run upon the underside of the platen, means for supporting the platen upon the carriage for displacement upwardly and forwardly from the feed-roll, and a work-sheet-loading bed upon said carriage and extending rearwardly from the feed-roll and platen, so that work-sheets, deposited upon said bed when the platen is displaced, are thereby presented facewise to the feed-roll, carbon-supply



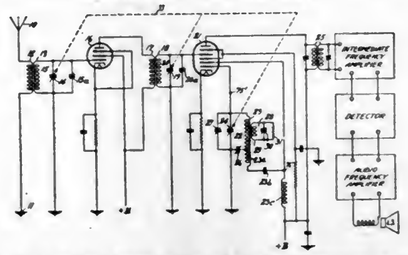
carriers supported in rear of said work-bed for forward idle movement with the work-sheets as the platen is rotated, whereby the work-sheets may be deposited, one by one, upon the bed, and each overlaid by a carbon fly-leaf extending forwardly from a supply-carrier, and whereby the platen may then be returned to printing position and co-operate with the feed-roll to grip the deposited sheets preparatory to typing the page.

2,061,990
CLUTCH CONTROL MEANS
Tracy Brooks Tyler, Detroit, Mich., assignor to The Monopower Corporation, Detroit, Mich., a corporation of Michigan
Application May 31, 1932, Serial No. 614,350
Renewed January 23, 1936
13 Claims. (Cl. 192—114)



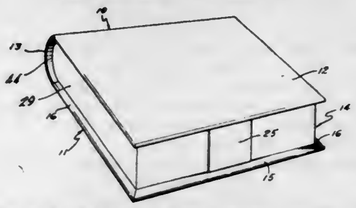
3. In combination with parts to be relatively connected and a clutch for connecting them, means for holding said clutch disengaged when the speed of a predetermined one of the parts exceeds that of the other, said means comprising a control member slidably and rotatably mounted on the predetermined part and connected to said other part to rotate therewith, means connecting said member to the shiftable element of said clutch whereby it moves in unison therewith, a retarding member keyed to said predetermined part, and an abutment projecting from one of said members towards the other member and engageable with the other member to positively hold the control member and said shiftable clutch element in clutch-disengagement position when the speed of the predetermined part exceeds that of the other part.

2,061,991
HIGH-FREQUENCY SIGNALING SYSTEM
Harold A. Wheeler, Great Neck, Long Island, N. Y., assignor to Hazeltine Corporation, a corporation of Delaware
Application May 22, 1935, Serial No. 22,699
18 Claims. (Cl. 250—20)



1. In a high-frequency signaling system, a pair of circuits tunable to different frequencies and over different frequency ranges, means for simultaneously tuning said circuits over said frequency ranges, reactance means included in one of said circuits for maintaining the frequency difference of said circuits approximately constant over their respective frequency ranges, and reactance and resistance means connected in parallel and effectively connected in circuit with said last-named tunable circuit and proportioned substantially to maintain said frequency difference more nearly constant.

2,061,992
FOLDING BOOK-SHAPED BOX
Clarence C. Wilson, Bridgeport, Conn., assignor to The Compressed Paper Box Corporation, Bridgeport, Conn., a corporation of Connecticut
Application July 13, 1935, Serial No. 31,149
16 Claims. (Cl. 229—8)

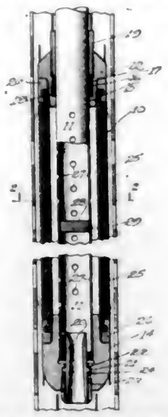


1. In a foldable box, an outer member comprising a bottom, a top, and a back portion connecting the bottom and the top, a tray-like body secured to said bottom adapted to be closed by said top, said body including end and side walls hinged so as to lie flat in substantially the plane of the bottom and be folded at substantially right angles thereto, and said end walls having curved projections extending from said body to be engaged by said back portion and cause the latter to curve outwardly in the manner of the back of a book when the box is closed.

2,061,993
PERFORATED LINER WASHER
Reuben C. Baker, Coalinga, Calif., assignor to Baker Oil Tools, Inc., Huntington Park, Calif., a corporation of California
Application January 12, 1935, Serial No. 1,505
1 Claim. (Cl. 166—20)

An apparatus of the character described comprising a central fluid conducting tube, an upper head secured thereto, a lower head secured

thereto, a nozzle in the lower head communicating with said tube, a cylindrical packing sleeve secured at its ends to said heads and arranged exteriorly about said tube, said tube having ports formed through its wall along its length between said heads, an imperforate transverse partition in said tube arranged at a point substantially centrally between said heads whereby fluid delivered downwardly through the tube will pass outwardly through said ports above said partition into the



space between said tube and said packing sleeve and thence back into the tube through the ports in said tube between the partition and the lower head and then discharge through the nozzle, said nozzle having a fluid passageway considerably less in cross-sectional area than that of the tube so that the fluid between the tube and the packing sleeve will expand the latter as it seeks to discharge back into the tube and through the nozzle.

2,061,994

PROCESS FOR REFINING ALLOYS OF LEAD AND TIN

Jesse O. Betterton and Yurii E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y., a corporation of New Jersey

No Drawing. Application August 27, 1935, Serial No. 38,060

12 Claims. (Cl. 75—78)

1. The process for refining impure solder which comprises establishing a bath of the impure solder, incorporating zinc therein and effecting a partial separation of impurities, and incorporating magnesium in alloy form in the remaining metal thereby effecting a further separation of impurities.

2,061,995

PROCESS FOR REFINING ALLOYS OF LEAD AND TIN

Jesse O. Betterton and Yurii E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y., a corporation of New Jersey

No Drawing. Application October 11, 1935, Serial No. 44,539

7 Claims. (Cl. 75—63)

1. The process for refining impure solder metal with respect to antimony as a contaminant which comprises incorporating a calcium-zinc alloy in a bath of such metal, cooling the bath and separating the resulting drosses therefrom, further cooling the bath to freezing, effecting a separation between the refined metal and frozen crusts and returning said crusts to the process in treating a subsequent bath of impure solder metal.

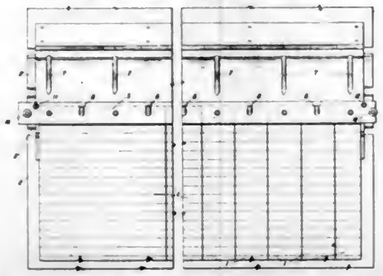
2,061,996

LEAF INSERTING DEVICE

Roger L. Connor and Donald A. Nevin, Athens, Ohio, assignors to The McBee Company, Athens, Ohio, a corporation of Ohio

Application July 9, 1935, Serial No. 30,428

7 Claims. (Cl. 129—1)



1. In a device of the character described to hold a plurality of sheets of paper mounted in shingled relationship, said sheets being provided with a plurality of perforations adjacent one edge; a pair of clamping members, a plurality of pins on one of said members mounted to register with the apertures in the sheets of paper, there being registering apertures in the other member to receive said pins, one of said members having slots extending inwardly from one edge, the other having openings to align with said slots, said slots and openings being adapted to receive the securing means of a loose leaf binder and means to detachably secure said members together.

2,061,997

POWER TRANSMITTING DEVICE

William T. Dunn, Detroit, Mich., assignor to Chrysler Corporation, Detroit, Mich., a corporation of Delaware

Application May 14, 1934, Serial No. 725,572

10 Claims. (Cl. 103—115)



1. In a fluid coupling rotor, spaced inner and outer cover structures, one of said structures having a slot in an edge thereof, and means for connecting said cover structures including an element intermediate said cover structures, said element having a vane portion and a web portion, said web portion having a return-bent tongue engaging said slot.

2,061,998

PERMANENT WAVE CURLER

Harry H. Eckstein, Beverly Hills, Calif.

Application July 16, 1934, Serial No. 735,303

16 Claims. (Cl. 132—36)

1. A permanent wave curler comprising, in combination, a clamp having at least two elements to clamp a strand of hair and having a pair of brackets, a tubular curling rod having a telescopic extension slidable therein, means to transmit a twisting force from the extension to the tubular portion of the rod, the said rod being mounted in the said brackets and adapted to have the hair to be curled wound thereon on one portion of the main part of the rod and having the hair to be left uncurled twisted on



another portion of the rod and on the said telescopic extension when in its extended position, and means to apply a heating element to the end portion of the rod only, having the hair to be curled wound thereon, the means to apply heat comprising a holder and a heat deflector, and a heating pad mounted therein, the said pad extending longitudinally of the rod and covering only the portion of the rod having the hair to be curled on such rod.

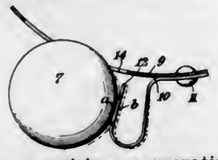
2,061,999

ANTIFRICTION BEARING

Clifton T. Foss, Stewart Manor, N. Y., assignor to Arma Engineering Co., Inc., Brooklyn, N. Y., a corporation of New York

Application April 16, 1935, Serial No. 16,548

1 Claim. (Cl. 308—201)



A bearing comprising cooperating raceways, spaced rotary anti-friction elements between them, and spacing means for each of said elements comprising a spacer ring carrying spring members rigidly fastened to said ring and positioned to engage each anti-friction element substantially at its point of nearest approach to the next adjacent element, each of said members having with respect to the point of fastening to said spacer ring a predetermined resiliency in the direction of movement of the engaging element sufficiently low to be flexed by said element with respect to said ring at one period of relative movement of said raceways and sufficiently high to reflex along the line of movement of said element to substantially normal condition at another period of the relative movement of said raceways.

2,062,000

GOVERNOR FOR RECIPROCATING ENGINES

Adalberto Garelli, Milan, Italy

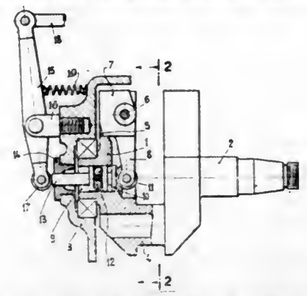
Application March 10, 1933, Serial No. 660,303

In Italy March 25, 1932

7 Claims. (Cl. 264—15)

1. In a reciprocating engine, an engine control member, a crank case, a crank shaft having a crank arm and mounted to rotate in said case, said crank shaft comprising a part extending radially from the shaft in the plane of the crank arm adjacent a wall of the case and having at least one recess extending in radial direction, a mass eccentrically pivoted in each recess about an axis

perpendicular to the axis of said crank shaft and adjacent the periphery of the radially extending part of the shaft, each mass having an arm directed toward the axis of said shaft, said crank shaft having an axial bore through its por-



tion on the side of said radially extending part, means operative through said axial bore for transmitting motion from said arm of the mass to the control member, and elastic means opposing the movement of said mass under the action of centrifugal force.

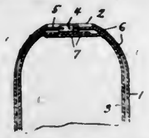
2,062,001

TOBACCO POUCH

Gerard C. Grenier, Albany, N. Y.

Application November 16, 1935, Serial No. 50,230

3 Claims. (Cl. 150—3)



1. A pouch comprising an outer casing provided with an elongated slot, means for closing said slot, a receptacle disposed within said outer casing and formed of flexible substantially fluid tight material, said receptacle being provided with an opening registering with said slot and provided with normally overlapping flaps underlying the slot in said casing, and stitches passing through said outer casing and the overlapping portion of said flaps at the ends thereof which assist in causing the flaps of said receptacle at the unstitched portions thereof to be brought into overlapping position and the contents of said receptacle protected from the influence of the external atmosphere when said slot in said outer casing is closed.

2,062,002

TREATMENT OF UNSATURATED POLYHALIDES

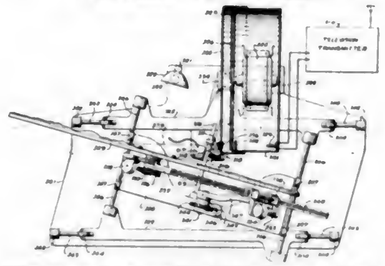
Herbert P. A. Groll, Oakland, and George Hearne, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application April 28, 1934, Serial No. 723,011

27 Claims. (Cl. 260—157)

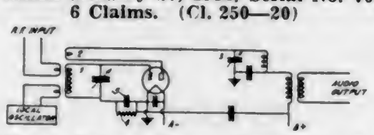
1. A process for the production of useful products from unsaturated polyhalides which comprises reacting a non-vinylic unsaturated polyhalide containing an olefinic linkage between two aliphatic carbon atoms with a reactant of the class consisting of the hypohalogenous acids, aqueous solutions of a halogen, solutions of hypohalogenous acids with hydrogen halides, and organic hypohalites.

2,062,003
NAVIGATIONAL GUIDE SYSTEM
John Hays Hammond, Jr., Gloucester, Mass.
Application November 2, 1929, Serial No. 404,282
Renewed September 26, 1935
14 Claims. (Cl. 250—11)



1. The steps in a method of informing the pilot of a craft his three dimensional position with reference to a fixed location which comprise, determining the position of the craft relative to the surrounding terrain from signals sent out from the craft, determining the position of the craft relative to a relief map representative of the surrounding terrain so that the determined position of the craft bears the same relation to the map as regards horizontal projection and elevation as the craft bears to the surrounding terrain, scanning the map surface from the determined position of the craft along the same predetermined line of sight as that along which the pilot would see the surrounding terrain and transmitting to the craft signals capable of being translated into a picture of the map surface corresponding to a panoramic view of the surrounding terrain as it would be seen by the pilot of the craft along the predetermined line of sight.

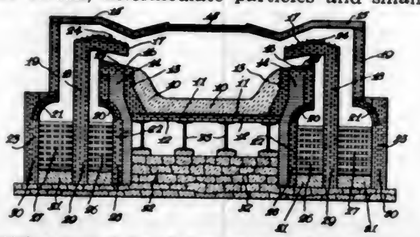
2,062,004
SUPERHETERODYNE RECEIVER
Clarence W. Hansell, Rocky Point, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application January 27, 1934, Serial No. 708,540
6 Claims. (Cl. 250—20)



1. Means for producing oscillations of frequency which is equal to the difference between two signal oscillations comprising a thermionic tube having a control grid and anode and cathode, a circuit tuned to the difference frequency connected between said anode and cathode, a circuit for impressing said two signal oscillations on the control grid of said tube, means for varying the potential of said control grid at the difference frequency rate comprising a circuit tuned to the difference frequency connected between the control grid and cathode, and a feed back circuit coupling said first named tuned circuit to said last named circuit.

2,062,005
SILICA BRICK AND METHOD OF MAKING THE SAME
Russell Pearce Heuer, Bryn Mawr, Pa., assignor to General Refractories Company, a corporation of Pennsylvania
Application August 11, 1934, Serial No. 739,490
15 Claims. (Cl. 25—156)

1. The process of making silica refractory brick of second quality for use in regenerative checkers and the like, which consists in grinding salvaged silica refractory material previously used as first quality material in a furnace construction, in grading the ground material into larger particles retained on a 30 mesh per linear inch screen, intermediate particles and smaller



particles, in mixing larger particles and smaller particles with not more than a relatively small proportion of intermediate particles and with a binder, in molding the moistened mix into brick under pressure exceeding 1000 pounds per square inch and in drying the brick.

2,062,006
MOUNTING MEANS FOR ELECTRIC SNAP SWITCHES
Alvin W. Krieger, Milwaukee, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application April 22, 1935, Serial No. 17,605
6 Claims. (Cl. 200—67)

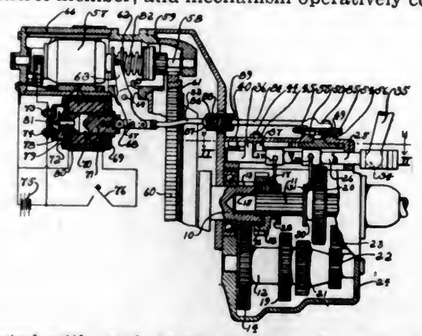


1. In an electric snap switch, in combination, a punched and stamped sheet metal member, said member having a pair of intermediate upstanding parallel arms, a flat punched sheet metal actuating lever positioned between said arms, said arms and said lever having alined pivot openings, a pivot pin insertable within said openings, a top plate secured to said metal member, said top plate having an opening to permit passage of the enlarged upper end of said lever, said top plate also having notches communicating with said opening to receive the opposed edges of said lever whereby the same is restrained against relative lateral displacement, said lever having a substantially rectangular notch in the lower edge thereof, and an insulating member of substantially T-shape having the upper end thereof positioned within said notch and engageable flatwise by the opposed walls of the latter, said upper end of said insulating member being positioned between said first mentioned arms and restrained thereby against relative lateral displacement, the lower end of said insulating member being formed to provide an abutment.

2,062,007
AUTOMATIC TRANSMISSION RESTORING APPARATUS
Roger K. Lee, Highland Park, Mich., assignor to Chrysler Corporation, Detroit, Mich., a corporation of Delaware
Application September 25, 1933, Serial No. 690,843
10 Claims. (Cl. 123—179)

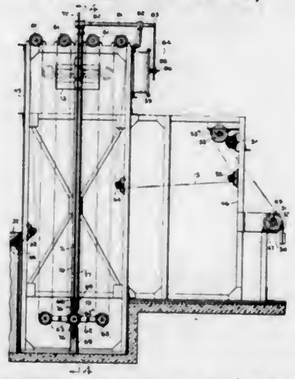
1. The combination with a vehicle having an engine starting system and having transmission mechanism including a plurality of variable gear ratio changing elements and including means having a normal control member for selectively

rendering the latter operative or inoperative, of apparatus associated with said transmission mechanism for bringing said elements into inoperative positions independently of said normal control member, and mechanism operatively con-



nected with said starting system for actuating said apparatus when said starting system is energized so as to assure the placement of all of said elements in inoperative positions prior to cranking of said engine by said starting system.

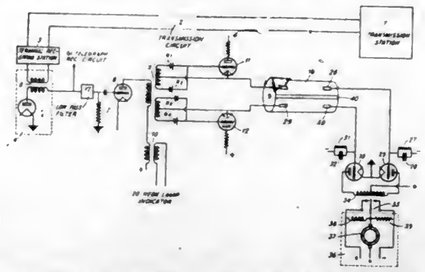
2,062,008
UNIFORM TENSION DEVICE
Arthur P. Lewis, Fair Haven, Mass., and William J. Secrest, Cuyahoga Falls, Ohio, assignors to The Firestone Tire & Rubber Company, Akron, Ohio, a corporation of Ohio
Application July 31, 1935, Serial No. 33,994
2 Claims. (Cl. 242—58)



1. In uniform tension apparatus, a fabric storage device comprising a series of fixed rollers, and a series of rollers upon a horizontal, vertically movable floating frame, said rollers supporting a continuous strip of fabric in a plurality of festoons, means for feeding fabric into said festoons, means for withdrawing fabric from said festoons, and means for maintaining said floating frame in horizontal position, said means engaging opposite ends of a shaft on said floating frame, on which shaft one of the rollers on said floating frame is mounted.

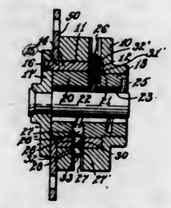
2,062,009
SYNCHRONIZING SYSTEM
Richard E. Mathes, Westfield, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application January 26, 1934, Serial No. 708,378
19 Claims. (Cl. 178—69.5)

1. In a communication system wherein communication is effected by the transmission of signal impulses from a transmitting station to a receiving station, each of said stations having rotating mechanism, the method of maintaining sychronism between the rotating mechanism at both said stations which includes receiving the



transmitted impulses, obtaining from each and every received pulse two pulses of different polarity, rectifying said two pulses to obtain unidirectional pulses and utilizing both of said rectified pulses to control the speed of the rotating mechanism at the receiving station.

2,062,010
PIN TUMBLER CYLINDER LOCK
Raymond L. Neer, Indianapolis, Ind., assignor to The Nik-O-Lok Company, Indianapolis, Ind., a corporation of Indiana
Application August 14, 1935, Serial No. 36,080
5 Claims. (Cl. 70—47)

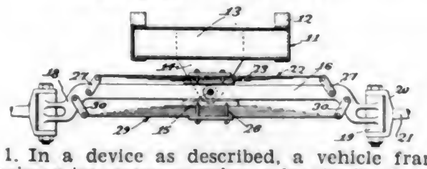


1. A lock comprising a main shell, a cylindrical sleeve rotatably mounted in the shell, a second cylindrical sleeve rotatably mounted in the first-mentioned sleeve, a disk secured to and capping one end of the first-mentioned sleeve, a pin carried by said disk and projected into the second-mentioned sleeve and rotative relative to the disk, registrable radial tumbler-pin pockets in the shell and each of said sleeves, and a tumbler-pin group comprising three alinable and contactible pins mounted in said pockets, the several pins of the group having such relative lengths that the group may be positioned to afford a free shear between the two sleeves and an interlock between the first-mentioned sleeve and the shell, or positioned to afford a free shear between the first-mentioned sleeve and the shell and an interlock between the two sleeves.

2,062,011
EXPLOSIVE
George M. Norman, Wilmington, Del., and Charles D. Bitting, Kenvil, N. J., assignors to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application September 13, 1933, Serial No. 689,262
11 Claims. (Cl. 52—11)

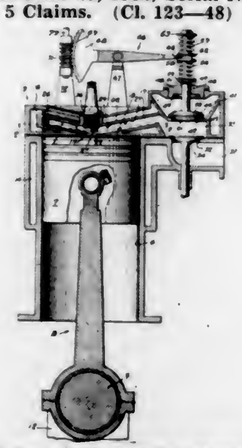
1. An explosive including as ingredients porous regenerated cellulose and a liquid sensitizer.

2,062,012
DIVIDED AXLE WITH LEAF SPRING SUSPENSION
Charles Opolo, Culver City, Calif.
Original application April 25, 1934, Serial No. 722,268. Divided and this application June 30, 1936, Serial No. 88,154
6 Claims. (Cl. 267—19)



1. In a device as described, a vehicle frame having a transverse member, a longitudinal pivot connected thereto, a pair of axle sections pivoted on said longitudinal pivot and extending transversely of the vehicle on opposite sides thereof, a leaf spring having its outer ends connected to the outer portions of each axle section and extending transversely of the vehicle in vertical alignment with the axle sections and a pad connected to the spring and adapted to engage the axle sections adjacent their pivot during up and down movement of the axle sections.

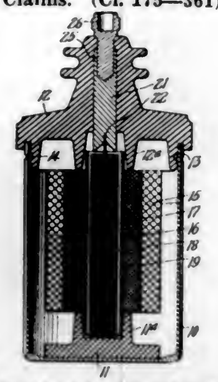
2,062,013
INTERNAL COMBUSTION ENGINE
Charles Opolo, Culver City, Calif.
Application June 29, 1932, Serial No. 619,905
5 Claims. (Cl. 123—48)



1. In an internal combustion engine having a cylinder with a closed head, said head having a combustion chamber defined by lower and upper, conical shaped walls adjacent to and remote from the closed end of the cylinder respectively and spaced apart the height of the combustion chamber, the closed head being provided with an orifice axially centered as to the cylinder and in the apex of the combustion chamber whereby exploded fuel may have a direct conical flow in the combustion chamber and through the orifice to the cylinder.

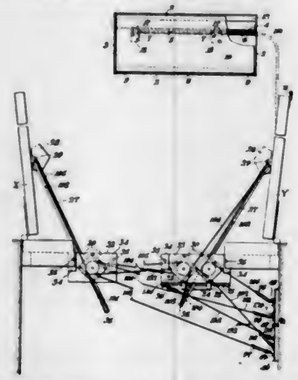
4. In an internal combustion engine having a cylinder, means forming a combustion chamber and an auxiliary compression chamber with a first valve seat between the said chambers, there being a passageway connecting the said chambers, a valve guide having a hole and having a second seat surrounding said hole, a valve having a stem slidable in the said hole, the valve being adapted to engage either of said seats, and means for moving the valve to exert a resilient closing pressure between the valve and both of the seats.

2,062,014
INDUCTION COIL
Peter Piffath, Great Neck, N. Y.
Application February 8, 1936, Serial No. 62,878
6 Claims. (Cl. 175—361)



1. A device of the character described comprising a casing having an insulated cover, a metal post molded in said cover and having a transverse slot in its inner end, and an induction coil within said casing and having its core composed of laminations of which one projects beyond the end of the core and extends into said slot.

2,062,015
CLOSURE OPERATOR
Frederick A. Purdy, Scarsdale, N. Y.
Application December 14, 1928, Serial No. 326,084
25 Claims. (Cl. 268—35)

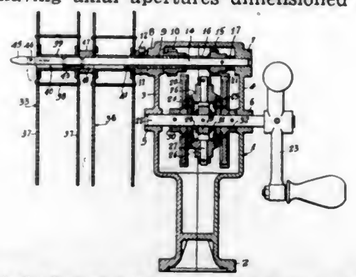


1. A door operator comprising, in combination, a door, a door-operating mechanism, energy storing motive means for closing and opening the door, means connecting the motive means to the door adapted to completely reset said motive means upon manual operation of the door, means for engaging said motive means when reset to hold the motive force from operating the door, and a single contact operable by contact with a vehicle to release the said holding means and allow the motive means to operate the door.

2,062,016
FILM REWINDER
Iwan Serrurier, Los Angeles, Calif.
Application April 20, 1936, Serial No. 75,402
6 Claims. (Cl. 242—55)

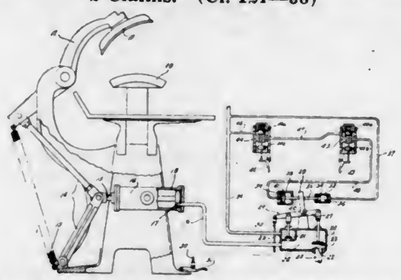
1. A film rewinder of the type described, comprising a casing member including a wall having

a journal therein, a hollow sleeve member rotatably supported in said journal and projecting therefrom into said casing member, a shaft member journalled in said sleeve member for rotation with respect thereto and projecting a substantial distance therebeyond interior and exterior of said casing, driving means coupled to said sleeve and shaft within said casing for applying torque to each irrespective of the relative speeds of said sleeve and shaft, a pair of film reels having axial apertures dimensioned to fit



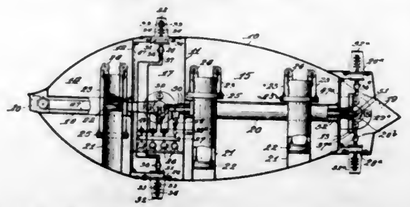
on said shaft and having grooves in the walls of said apertures, said reels being mounted on said shaft one adjacent said casing and the other adjacent the outer end of the shaft, a tongue on said sleeve member extending outwardly adjacent the surface of said shaft into the said groove in the adjacent reel to force the latter to rotate with the sleeve, and a key member on said shaft extending radially from the shaft into the said groove in the outer reel to cause the latter to rotate with said shaft.

2,062,017
PRESSING MACHINE CONTROL
John P. Singiser, Chicago, Ill., assignor to The American Laundry Machinery Company, Norwood, Ohio, a corporation of Ohio
Application October 13, 1934, Serial No. 748,174
2 Claims. (Cl. 121—38)



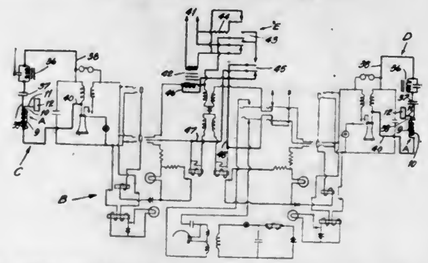
1. In a pressing machine, a pair of cooperating relatively movable pressing members, a fluid actuated motor for closing the press, means tending to open the press, and control means for said motor comprising an inlet valve and an outlet valve controlling the supply and exhaust respectively of pressure fluid to and from said motor, said outlet valve including a disk arranged to be urged toward a cooperating seat by the pressure effective in the motor, a common actuator for said valves arranged to open one as the other is closed, means biasing said actuator in fluid-exhaust direction, the parts being so arranged that the effective pressure upon said outlet valve disk when said press is closed is sufficient to preponderate over said biasing means, said biasing means comprising a fluid pressure actuated movable abutment operably connected with a supply of motive fluid having its pressure in fixed relation to the pressure of the fluid supplied to said motor, and means for moving said actuator in fluid supply and exhaust directions.

2,062,018
DIRIGIBLE AIRCRAFT PROPULSION AND CONTROL
Wellington B. Wheeler, El Segundo, Calif., assignor of one-half to Florence E. Gaines, Los Angeles, Calif.
Application January 30, 1935, Serial No. 4,077
6 Claims. (Cl. 244—52)



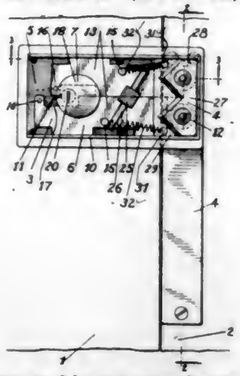
1. In a dirigible aircraft propulsion and control, a body, plates rotatably mounted in the upper and lower portions of the walls of said body, plates mounted for rotation in the side walls of the body, a hood carried by and projecting outwardly from each plate, each hood being provided with oppositely arranged openings, jet nozzles carried by said plates and arranged to discharge jets of fluid pressure outwardly through the openings in said hoods, manually operable means for rotating said plates, means within the craft for supplying fluid pressure to said jet nozzles, manually operable means for controlling the flow of fluid pressure to certain of said jet nozzles and automatically operating means for controlling the flow of fluid pressure to other of said jet nozzles.

2,062,019
TELEPHONE
Franc Arnold, St. Louis, Mo., assignor of three-tenths to Benjamin M. Vogel, St. Louis, Mo.
Application November 19, 1934, Serial No. 753,620
7 Claims. (Cl. 179—84)



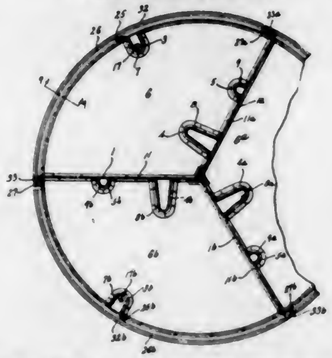
1. The combination, with a telephone hook, of a call waiting indicator comprising a solenoid coil, a rod adapted to be expelled by the coil so that an indicator thereto attached will move to a desired position, a spring to press the said rod back into its original position after the coil has expelled it and which at the same time allows a finger attached to the rod to slide into notches located on a bar below from which a hammer extends which, when allowed to move upward, will strike a bell; the said bar assuming its original position when the arm of the telephone hook is brought down.

2,062,020
CHAIN AND LOCK COMBINATION
Sylvan Engel, Brooklyn, N. Y.
Application March 25, 1935, Serial No. 12,982
12 Claims. (Cl. 70—14)



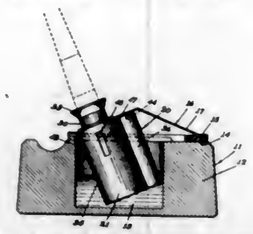
1. A locking and barring mechanism for a door consisting of a chain, a spring attached to the chain and to the door jamb, a headpiece on the chain provided with a groove, a stop piece on the door jamb provided with a groove, two reciprocable movable tongue mechanisms on the door, two spring mechanisms forcing the tongues into the grooves of the headpiece of the chain and stop piece, roll back means for individually releasing said tongues by reverse movement of said roll back means.

2,062,021
CYLINDER CONSTRUCTION FOR WASHING MACHINES OR THE LIKE
Frank A. Gerlach, Cincinnati, Ohio, assignor to The American Laundry Machinery Company, Norwood, Ohio, a corporation of Ohio
Application April 16, 1934, Serial No. 720,709
7 Claims. (Cl. 68—18)



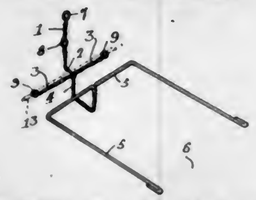
1. In a cylinder of the class described, longitudinally extending partitions disposed in Y formation, segmental head sheets, each sheet being transversely disposed between an adjacent pair of said Y-partitions at the ends of the latter, said head sheets having outwardly turned radially extending flanges bearing upon the end parts of said Y-partitions whereby each Y-partition end lies between a pair of head sheet flanges in stacked relation, said stacked parts being welded together to form radially extending flanges projecting from the end of the cylinder, a transmitter for said cylinder end having radially extending recesses to receive said flanges, said recesses being arranged to clear said flanges, and relatively soft metal filling the cavities between said flanges and their recesses.

2,062,022
INKWELL
James D. Goble, Los Angeles, Calif.
Application July 31, 1935, Serial No. 33,977
6 Claims. (Cl. 120—61)



1. In a device as described, the combination of an inkwell forming a reservoir, a pump having an inlet to the reservoir, a depressible plunger, a first structure attached to the pump forming a passage from below the plunger, a second structure having a receptacle connected to the plunger, a connection from the said passage to the receptacle whereby on depression of the plunger ink is forced into the receptacle, the said receptacle being open at the top for the insertion of a pen.

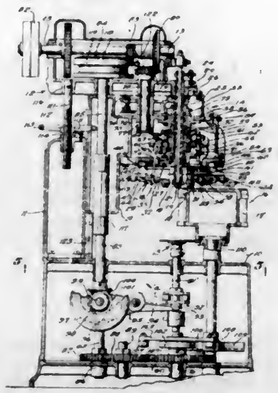
2,062,023
HOLDER FOR DISPOSABLE RECEPTACLES
Armand Gosselin, Montreal, Quebec, Canada
Application August 27, 1934, Serial No. 741,657
In Canada August 28, 1933
1 Claim. (Cl. 248—99)



A holder of the class described comprising a U-shaped member, a wire stem comprising a portion extending below the plane of the member and attached thereto, a second portion extending from the lower end of the first portion and away from said member, and a third portion extending from the outer end of the second portion perpendicular to and rising above the plane of said U-shaped member, said stem having means for attachment to a vertical support, a cross-arm on said third portion having eyes at its ends, and a lid hinged on said cross-arm.

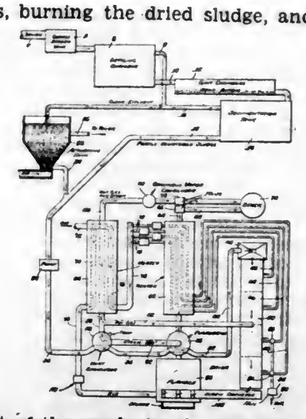
2,062,024
NONCIRCULAR CAN DOUBLE SEAMING MACHINE
Henry L. Guenther, Los Angeles, Calif.
Application March 28, 1934, Serial No. 717,726
11 Claims. (Cl. 113—24)

1. A double seaming machine for non-circular cans comprising a pair of chucks between which a can and its cap may be held, a pair of double seaming rollers designed to act upon diametrically opposite sides of the can, a pair of double seaming rollers designed to operate upon diametrically opposite sides of the can at right angles to the first mentioned set of seaming rollers, means supporting said rollers to cause them to move in a plane around the longitudinal axis of the can, said means providing for independent radial movement of the rollers with relation to said axis, means for causing said rollers to be moved radially in said plane to cause them to contact with and move along the marginal edge of the can cap to be seamed including a single readily removable and interchangeable cam member, and roller blocks coacting with said cam member and having toggle connections with the seaming rollers, and separate means acting in cooperation with said toggle connections to move said rollers radially in said plane to cause said rollers to exert a desired pressure against the marginal flange of the cap and to thereby form a double seam between the can and its cap.



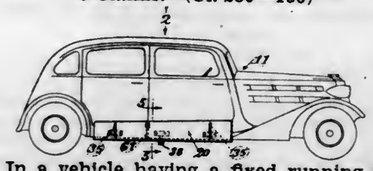
4. A can double seaming machine comprising a base, an upright carried by the base, can feeding and supporting means associated with and upstanding from the base, a double seaming head having a drive mechanism, a housing member depending from the head and having a vertically sliding connection with the said upright, a shaft connecting the drive mechanism of the head with the can supporting means of the base to insure their synchronism in operation, said shaft extending through the housing member of the head and in sections having a splined coupling, and means depending from the head and having movable connection with and supported upon said upright for adjusting the housing member vertically with respect to the upright to thus accommodate cans of different heights between the can supporting means of the base and the seaming head.

dryness, burning the dried sludge, and utilizing



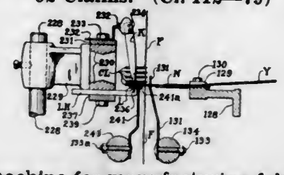
the heat of the products of combustion for drying additional quantities of the sewage.

2,062,026
TILTABLE RUNNING BOARD FOR MOTOR VEHICLES
Nels H. Hassel, Los Angeles, Calif.
Application June 17, 1936, Serial No. 85,704
6 Claims. (Cl. 280—166)



1. In a vehicle having a fixed running board extending horizontally, a tiltable board hinged thereto adjacent the outer portions of the fixed and the tiltable boards, an arm connected to the tiltable board and extending downwardly, a flexible connection from the said arm leading to the interior of the vehicle and an actuating device in the vehicle connected to the flexible means for raising the tiltable board from its housed horizontal to an inclined position, the fixed board having a slot, the arm extending downwardly through the slot, the end of the arm to which the flexible means is connected being below the fixed board.

2,062,027
TURFING MACHINE
Willy Hofmann, West New York, and Otto Frank Gerbert, Union City, N. J., assignors to Hopeck Manufacturing Company, Inc., New York, N. Y., a corporation of New Jersey
Application September 24, 1930, Serial No. 484,010
92 Claims. (Cl. 112—79)



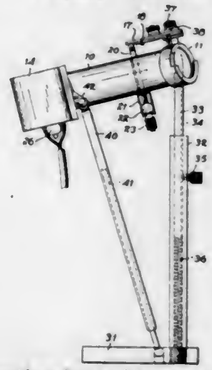
1. A machine for manufacturing fabric articles by projecting thread-loops thru and substantially beyond the meshes of a base-fabric for permanent holding of the threads in the fabric meshes by friction, said machine including the combination with a relatively movable fabric-frame sup-

porting the base-fabric, loop-carrying means on one face of the fabric and carrying loops thru the meshes of the base-fabric into positions projecting substantially beyond the other face of the fabric; mechanism reciprocating the loop-carrying means back and forth thru the fabric; loop-holding means on the loop face of the fabric and having a loop-entering end and longitudinally reciprocable along the base-fabric for movement of its end into a loop on the loop-carrying means; mechanism reciprocating the loop-holding means into and out of the projected loops on the loop-carrying means; mechanism moving the fabric frame in accord with a master design, to move the fabric edgewise in its plane between the loop-holding means and the loop-carrying means while the loop-carrying means is disengaged from the base-fabric, whereby successive operations of both said loop-carrying means and loop-holding means fabricate a thread-loop design on the base-fabric which duplicates the master design; and clamping means mounted at the respective faces of the base-fabric opposite one another and adjacent the loop-carrying means, for holding the base-fabric from broadside movements and clamping loop-feet to it.

2,062,023
ENGRAVING PROCESS AND ETCHING RESIST
Walter Howey, New York, N. Y.
No Drawing. Application June 28, 1934, Serial No. 732,831
4 Claims. (Cl. 41—43)

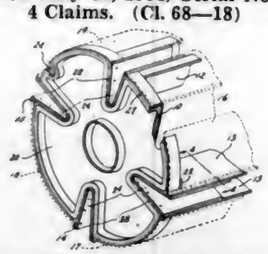
3. A process of the class described which includes the well-known step of giving a first bite of an etching agent to a metallic plate at selective areas conforming to a pictorial subject, in applying an initially acid resistant carbon compound through a rolling action to the upstanding bordering edges of the etched areas, in subjecting the applied compound to a moderate temperature without structurally destroying the physical properties of the plate, and in increasing the acid resisting quality of the compound by successive applications of the etching agent.

2,062,029
MOUNTING FOR AMBLYOSCOPES
Guy A. Hunt, Butler, Pa.
Application April 22, 1935, Serial No. 17,668
7 Claims. (Cl. 88—20)



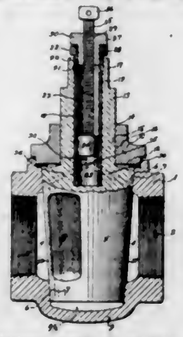
4. A mounting for amblyoscope tubes, comprising a support, means for pivotally connecting each tube to the support, a pair of handles each pivotally connected at one of its ends to one of the tubes, and a connecting device between each handle and the support, comprising a member having telescopic engagement with the handle and pivotal connection with the support.

2,062,030
ROTARY CYLINDER CONSTRUCTION
George W. Johnson, Cincinnati, Ohio, assignor to The American Laundry Machinery Company, Norwood, Ohio, a corporation of Ohio
Application May 31, 1934, Serial No. 728,217
4 Claims. (Cl. 68—18)



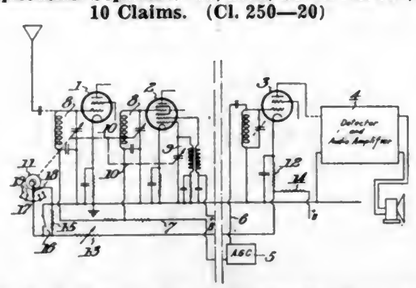
1. In a cylinder of the class described, end construction comprising a generally circular head sheet having an outwardly turned peripheral flange, a channel-shaped lifting rib having outturned end flanges abutting the inner face of said head sheet and welded thereto, an extension member conforming to the inner surface of the end of said rib and welded thereto, said member extending beyond the end of said rib coextensive with said head sheet flange, and means for securing said member to said sheet.

2,062,031
VALVE
James O. Lewis, Tulsa, Okla., assignor to Dunn & Lewis, Tulsa, Okla., a partnership composed of Irwin L. Dunn and James O. Lewis
Application April 25, 1934, Serial No. 722,273
29 Claims. (Cl. 251—93)



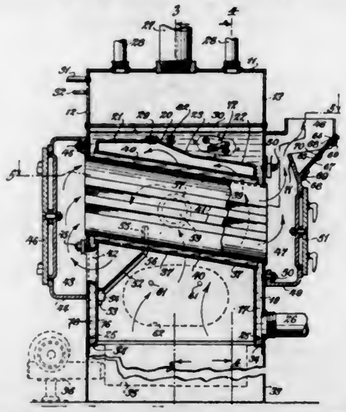
1. In combination with a valve, a valve body housing a valve member, pressure lubricating means comprising a chamber, a sleeve movable in the chamber with a closure at the top and adapted to be used as a lubricating chamber, a piston movable in the sleeve, lubricating grease in the lubricating chamber above and below the piston, means to move the piston to apply pressure selectively to the grease above and below the piston, said sleeve having ports through the sleeve wall near the top and bottom of the lubrication chamber cooperating with passages in the valve body communicating with the lubricated parts of the valve, and means for moving the sleeve to selectively aline the ports with the cooperative passages and to move the ports out of alinement with their cooperative passages.

2,062,032
RADIO RECEIVER
William D. Loughlin, Mountain Lakes, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application September 29, 1933, Serial No. 691,541
10 Claims. (Cl. 250—20)



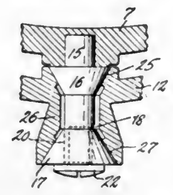
2. In a radio receiver, a radio frequency system including a tunable amplifier, an audio frequency system including an amplifier, means adjustable to tune said first amplifier over a frequency band, means normally biasing one of said amplifiers substantially to block transmission therethrough, cooperating switch means for rendering said biasing means inoperative, one of said switch means being a movable contact and the other comprising a plurality of adjustable contacts, and means for actuating one of said switch means synchronously with adjustments of said adjustable tuning means.

2,062,033
BOILER
George J. Leuvelink, Buffalo, N. Y., assignor of one-half to John Bos, Buffalo, N. Y.
Application January 31, 1936, Serial No. 61,769
3 Claims. (Cl. 122—174)



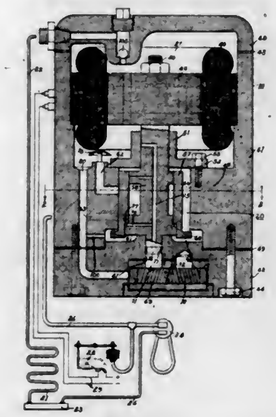
3. A boiler comprising an outer shell having upright longitudinal side walls, upright transverse end walls and a top, an inner shell arranged within said outer shell and having upright longitudinal side walls, upright transverse end walls and a top of which the front part is elevated, the rear part depressed and the intermediate part inclined rearwardly, water tubes connected at their opposite ends with the transverse walls of said inner shell, and fire tubes arranged in the water tubes and connected at their opposite ends with the transverse end walls of the outer shell.

2,062,034
NOSEPIECE FOR MICROSCOPES
George S. MacDonald, Buffalo, N. Y., assignor to Spencer Lens Company, Buffalo, N. Y.
Application February 18, 1935, Serial No. 7,039
4 Claims. (Cl. 88—39)



1. A nose piece for a microscope including a fixed part and a rotatable part carrying a plurality of objectives, any one of which may be placed into an operative position by rotation of said rotatable part, said fixed part having a pivot post rigidly secured thereto about which said rotatable part may turn, said rotatable part having oppositely disposed faces arranged in substantially frusto-conical relation to said post and said pivot post having substantially frusto-conical portions cooperating with said faces, one of said portions being movable toward and from the other, and means for pressing said portions into engagement with said faces.

2,062,035
MOTOR-COMPRESSOR UNIT FOR REFRIGERATING APPARATUS
Alex A. McCormack, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware
Application May 30, 1930, Serial No. 457,565
10 Claims. (Cl. 230—29)



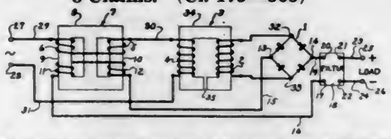
1. A compressing unit comprising a casing, a pumping member within said casing, a driving means for said pumping member, fluid pressure means causing a relative movement of said pumping member with respect to said casing other than the normal compressing movement to thereby bring the pumping member into pumping relation with said casing when the speed of the driving means reaches a predetermined high limit, and means for causing a movement in an opposite direction to said relative movement when the speed of said driving means drops below a predetermined limit.

2,062,036
CALENDAR CALCULATING DEVICE
Neal F. Mears, Chicago, Ill.
Application April 19, 1935, Serial No. 17,288
12 Claims. (Cl. 40—115)



1. A calendar calculating device comprising the combination of a large member bearing year figures and day figures; an intermediate member bearing century figures and having a year figure selector which operates on the year figures on the large member, and having seven windows which register with the day figures on the large member; and a small member bearing month names and having seven windows which register with the windows of the intermediate member, and having a century selector window which registers with the century figures on the intermediate member; the three members being pivoted together for concentric rotation.

2,062,037
VOLTAGE REGULATOR
Wilcox P. Overbeck, Cambridge, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application November 23, 1934, Serial No. 754,468
8 Claims. (Cl. 175—363)



1. A voltage regulating system comprising two inductances in series with each other and adapted to be connected to a source of alternating current, a load circuit connected across one of said inductances, means for varying the magnitude of the other of said inductances inversely with the magnitude of the current flowing in said load circuit, the resultant reactance which said first-named inductance at full load places in parallel with said load circuit being less than the resultant impedance of said load circuit at full load when said reactance and impedance are referred to an equivalent parallel circuit.

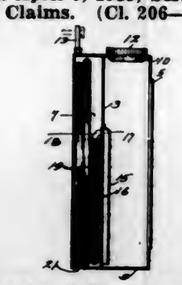
2,062,038
COMPOSITION FOR CLEANING AND BRIGHTENING METALS
Harry B. Rathbun, Waterbury, Conn.
No Drawing. Application June 10, 1935, Serial No. 25,809
2 Claims. (Cl. 87—5)

2. A dry metal cleaning and brightening composition consisting essentially of 2 parts by weight of phthalic anhydride, 5 parts of sodium sulphate, 5 parts of soap, and 5 parts of soap bark, adapted to be dissolved in water for removing deposits and stains on metals, and preventing tarnishing thereof.

2,062,039
BAKING POWDER
Harry B. Rathbun, Waterbury, Conn.
No Drawing. Application July 1, 1935, Serial No. 29,368
4 Claims. (Cl. 99—95)

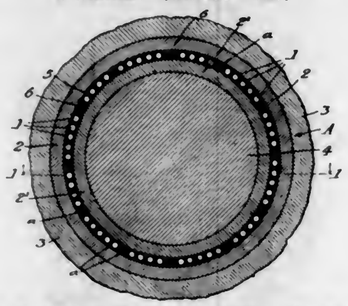
1. A dry composition for baking powder containing an alkaline carbonate and phthalic anhydride.

2,062,040
COMBINED SYRINGE TANK AND HOSE ENCLOSURE
Robert M. Rigney, Sierra Madre, Calif.
Application April 6, 1935, Serial No. 15,037
7 Claims. (Cl. 206—69)



1. A syringe set including a box having a liquid tank provided with a siphon device, a syringe hose attached within the box to the tank by said siphon device, and an enclosure with an opening on one side of the tank and into which the hose is coilable through the opening for concealment.

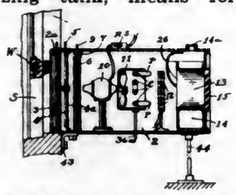
2,062,041
ROLLER BEARING
Thomas L. Robinson, Valparaiso, Ind., assignor to McGill Manufacturing Company, Valparaiso, Ind., a corporation of Indiana
Application November 9, 1935, Serial No. 49,056
3 Claims. (Cl. 308—217)



1. In a bearing of the kind described, an outer cylindrical bearing surface, an opposed inner cylindrical bearing surface, a series of groups of anti-friction rollers interposed between the two surfaces, and means irregularly, circumferentially spacing said groups.

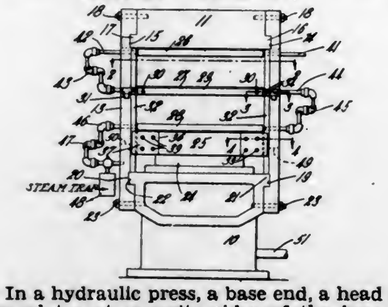
2,062,042
VENTILATING AND AIR-CONDITIONING APPARATUS
Don A. Sargent, Portland, Maine
Application April 25, 1934, Serial No. 722,264
6 Claims. (Cl. 257—8)

1. An air-conditioning apparatus adapted to be positioned in an interior abreast of an opening therefrom to the outside atmosphere, comprising a box having an air passageway therethrough, an air-filtering element, made of mineral substances, removably disposed in said box, a motor, air-impelling means to draft air through said air-filtering element, an air heater, a small water-vaporizing tank, means for supplying



water and maintaining a constant level thereof in said small tank, an atomizing element disposed in said box adjacent and forwardly of said air heater, a water pump, actuated by said motor, adapted to draw water from said water-supply means and force it through said atomizer element, and a heater for said vaporizing tank.

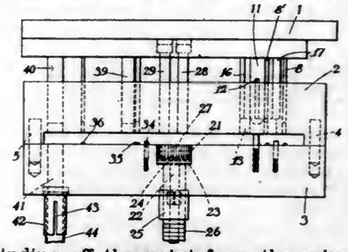
2,062,043
HYDRAULIC PRESS
Thomas F. Stacy, Piqua, Ohio, assignor to The French Oil Mill Machinery Company, Piqua, Ohio
Application June 26, 1935, Serial No. 28,502
6 Claims. (Cl. 18—17)



1. In a hydraulic press, a base end, a head end, heavy plates at opposite sides of the base end and connecting and spacing apart said base end and said head end, said ends having direct interfitting engagement with the plates which resist separation of said ends, a ram, at platen disposed in the space between said ends and moved by said ram towards and from one of said ends, cooperating mating molds carried partly by said one of said ends and partly by said platen, the side edges of said plates being beveled between said ends, guide shoes detachably carried by said platen adjacent the corners thereof and having bevel faces engaging with the beveled edges of said plates for guiding the platen towards and from said one of said ends and preventing substantial lateral movement of the platen during its said guided travel, and shims removably disposed between said shoes and said platen, whereby the fit of said shoes against said members may be varied by varying the thicknesses of the shims.

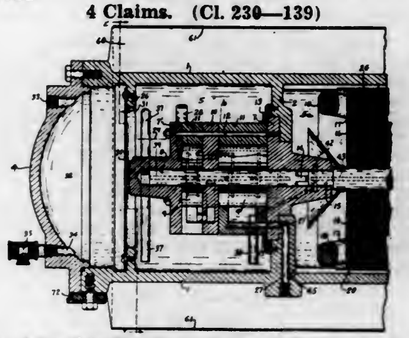
2,062,044
APPARATUS FOR MAKING SIGNS
Franz Leo Stoffel, Arbon, Switzerland
Application November 29, 1935, Serial No. 52,244
In Switzerland November 27, 1934
8 Claims. (Cl. 41—1)

8. Apparatus for making sign plates in a continuous operation from a paint coated sheet iron strip, comprising in combination: means for embossing the strip by raising a portion of the strip from the plane of the strip; means for punching out portions of the strip; means located between the embossing means and the punching means



for grinding off the paint from the raised portions; and means for drawing off continuously the ground-off paint particles, said paint drawing off means having two suction nozzles arranged on both sides of the strip and being continuously driven.

2,062,045
MOTOR OPERATED MACHINE UNIT
Harry R. Van Deventer, New York, N. Y., assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware
Original application October 12, 1926, Serial No. 141,213. Divided and this application October 2, 1929, Serial No. 396,817. Renewed April 19, 1934
4 Claims. (Cl. 230—139)

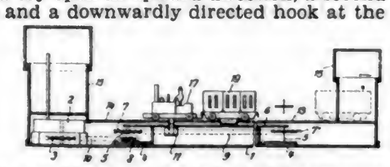


1. A combined motor and pump structure comprising a hermetically sealed casing forming two chambers, a complete self-contained pump structure removably mounted in one chamber, a motor mounted in the other chamber, an operating shaft for the pump structure, a shaft for the motor coaxial with the pump shaft, and means separably connecting the adjacent ends of said shafts, said pump structure being removable from its chamber of the casing and from the motor mounted in the other chamber and operable outside the casing as a unit.

2,062,046
MECHANICAL TOY
Karl Arnold, Nuremberg, Germany
Application May 8, 1935, Serial No. 20,391
In Germany March 23, 1935
6 Claims. (Cl. 46—217)

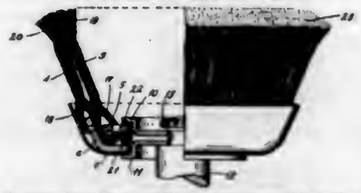
1. A mechanical toy comprising in combination a motor driven endless chain, a plate fixed on said endless chain and bent at right angles to form a horizontal part extending to midway between the two sides of said endless chain and then again bent up at right angles to form a vertical plate,

a toy imitating a locomotive placed on the said vertical plate, a hook shaped arm at the rear of said toy open in upward direction, a second vehicle and a downwardly directed hook at the front



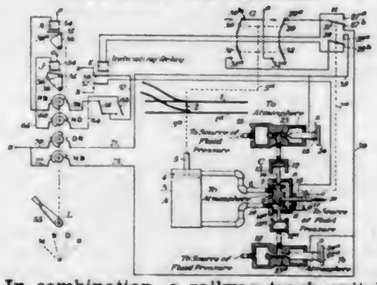
end of said second toy adapted to automatically hitch over said hook shaped arm of the front toy and to unhitch from the same every time said front toy is running over a reversing point of said endless chain.

2,062,047
BRUSH
Frederic J. Bickel and Harvey J. C. Oster, Jr., Cleveland, Ohio, assignors to The Osborn Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application June 1, 1934, Serial No. 728,538
10 Claims. (Cl. 15—180)



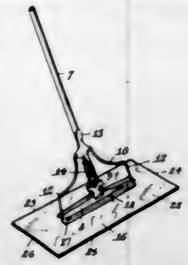
1. A cup brush combining in combination inner and outer sets of bristles, each set being in cup-shaped disposition, an annulus of concave cross-section, said annulus including an outer rim forwardly and outwardly inclined, said annulus in its entirety constituting a support for both sets of bristles, and said rim constituting a support acting on the bristle bases to prevent the bristles from spreading into a plane transverse to the brush axis, and a pair of rings each perforated near its circumference, each ring holding by its perforations one of said sets of bristles, said concave annulus also serving to hold said rings.

2,062,048
RAILWAY TRAFFIC CONTROLLING APPARATUS
Charles A. Brooks, Forest Hills, N. Y., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application June 7, 1934, Serial No. 729,392
Renewed March 23, 1936
12 Claims. (Cl. 246—141)



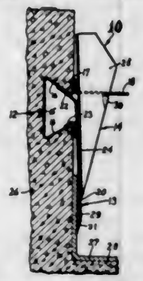
1. In combination, a railway track switch, an operating mechanism for said switch including a normal magnet and a reverse magnet, a normal control wire connected with said normal magnet and a reverse control wire connected with said reverse magnet, means located at a remote point for connecting one or the other of said wires with one terminal of a source of current, a polarized indication relay, and means operating when said switch is in normal position to connect one terminal of the winding of said relay with said one terminal of said source through said normal wire and the other terminal of the relay winding with the other terminal of said source, said means operating when the switch is in reverse position to connect the second terminal of said relay winding with said one terminal of said source through said reverse wire and the first terminal of the relay winding with said other terminal of said source.

2,062,049
WAX APPLICATOR
Louis Cabana, Buffalo, N. Y., assignor to Liquid Veneer Corporation, Buffalo, N. Y., a corporation of New York
Application February 4, 1935, Serial No. 4,855
8 Claims. (Cl. 91—39)



1. The combination with a conventional kitchen mop-stick having transversely extending clamping elements relatively movable to clamp an object, of a wax applicator comprising a rigid body-portion constructed of a single piece of sheet material and having a flat under surface and transversely-extending means stamped from said sheet material for engagement between said clamping elements, and covering material applied to said rigid body-portion to cover the flat under surface thereof.

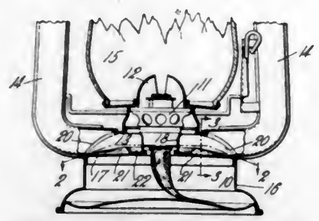
2,062,050
METAL FLASHING
Hal Callaway, Hollywood, Calif.
Application June 12, 1935, Serial No. 26,158
10 Claims. (Cl. 108—26)



1. For use with a parapet wall and a roof deck having a covering of roofing paper thereon, a flashing device comprising a trough member embedded in said parapet wall, said trough member

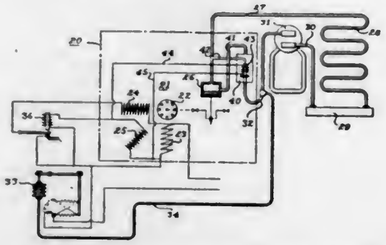
including apertured brackets, a skirt member including a face portion having its lower end inclined to form a bottom flange, the opposite end of said face portion of said skirt being bent to form an inclined upper flange, said upper flange being positioned in said trough in engagement with the upper wall of said trough, said skirt member having members thereon engaging said lower wall of said trough, and wedge members positioned in said apertures of said trough brackets.

2,062,051
TUBULAR LANTERN
Robert A. Currie, Syracuse, N. Y., assignor to R. E. Dietz Company, New York, N. Y.
Application June 4, 1935, Serial No. 24,879
5 Claims. (Cl. 240—28)



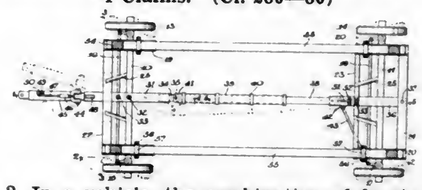
1. A tubular lantern comprising a burner, air tubes for supplying air to the burner, and an air chamber adjoining the burner and into the peripheral portion of which said air tubes discharge the air, said air chamber having a crowned bottom with its crest portion between its center and a low peripheral portion, and said bottom having depressions leading inwardly from the discharge ends of the air tubes through said crest portion of the bottom.

2,062,052
MOTOR-COMPRESSOR UNIT FOR REFRIGERATING APPARATUS
Elmer L. Horlacher, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware
Application June 30, 1932, Serial No. 620,195
6 Claims. (Cl. 230—24)



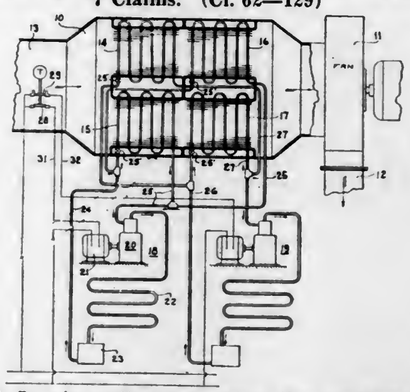
1. An intermittently operating motor compressor unit including a compressor and a single phase induction type electric motor for driving the compressor, said electric motor having a stator with a starting and running winding wound thereon, an unloading means for said compressor, and a third winding separated from the starting and running windings but wound therewith upon the stator, said third winding being inductively excited by the windings of the motor for controlling said unloading means.

2,062,053
TRAILER
Andrew Herman Horsey, Mount Vernon, Wash., assignor of one-half to Votja Albert Hamachek, Kewaunee, Wis.
Application August 21, 1935, Serial No. 37,158
4 Claims. (Cl. 280—80)



2. In a vehicle, the combination of front and rear frames each having dirigible wheels, front and rear reach members pivotally secured to said respective frames and having a pivoted and detachable connection, steering linkage connecting said respective reach members with said front and rear wheels, and means for detachably connecting and spacing said frames, whereby said wheeled frames may be separately introduced under a load to be carried by the vehicle.

2,062,054
AIR CONDITIONING APPARATUS
Leroy Gale Huggins, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 26, 1935, Serial No. 18,295
7 Claims. (Cl. 62—129)

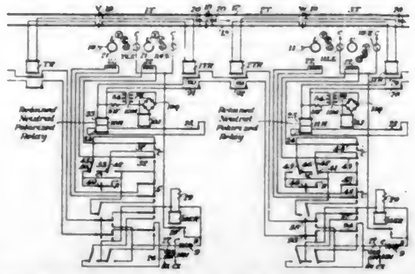


1. In air cooling apparatus, the combination of a plurality of compressors, a plurality of evaporator elements connected to each compressor, and means for conveying air over said evaporator elements, said evaporator elements being arranged and distributed in parallel portions of the air stream so as to impose substantially equal loads on the compressors and so that each compressor is connected to evaporator elements in a plurality of parallel portions of the air stream.

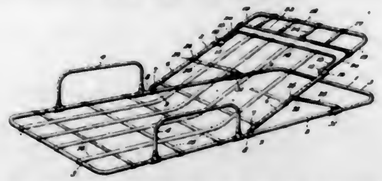
2,062,055
RAILWAY SIGNALING
Ralph R. Kemmerer, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application March 6, 1936, Serial No. 67,495
33 Claims. (Cl. 246—50)

1. In combination, a section of railway track, a line circuit for said section, track circuit means

for said section for governing said line circuit, means controlled by traffic conditions in advance of said section for supplying said line circuit with direct current only of one polarity or with direct current only of the other polarity or with alternating current simultaneously with direct current of said one polarity, and signaling means for said section controlled by said line circuit and selectively responsive to the character and number of currents with which such line circuit is supplied.

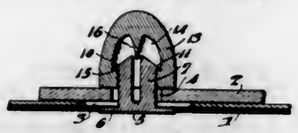


2,062,056
HEAD REST
Omar L. Herod, Point Marion, Pa.
Application April 25, 1935, Serial No. 18,227
7 Claims. (Cl. 5—72)



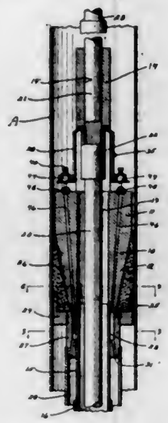
1. In a device of the character described, a frame having side bars, a support having side bars pivotally connected with the side bars of said frame whereby said support may be swung vertically to angularly adjusted positions above the frame, mountings slidable along the side bars of said frame, eccentric gripping elements pivotally carried by said mountings above the side bars of the frame, and braces extending between and pivotally connected with the gripping elements and side bars of said support for tilting the gripping elements into and out of position to grip the side bars of the frame and secure the mountings in adjusted positions upon the side bars of the frame and retain the support in a vertically adjusted position.

2,062,057
AUTOMOBILE LICENSE PLATE HOLDER
William H. Hobby, Miami, Fla.
Application September 21, 1934, Serial No. 744,981
1 Claim. (Cl. 40—125)



An automobile license plate holder comprising, in combination, a license plate provided with an elongated fastener receiving opening of usual form, a license plate bracket having an elongated fastener receiving opening aligned with the corresponding opening of the plate when said license plate is fitted against the bracket, a holding locking member provided with an enlarged head and having an extending flattened and widened shank portion to fit through and hold against turning within the aligned openings of the license plate and the bracket, said flattened shank portion being bifurcated through its lesser dimension to provide two extending resilient arms, said bifurcated resilient arm portions having laterally extending shoulder projections on the outer edges thereof spaced from the head and with the shoulders faced toward the head, and a locking body having a recess opening through one side and closed on all other sides, said recess being adapted to receive the bifurcated resilient arm portions when the same are flexed inwardly and the recess being provided on opposite sides with laterally and inwardly faced shoulders behind which the shoulders of the flexible bifurcated arm portions are engaged when said bifurcated ends of the locking member are forced into the recess to thus retain the locking body upon the locking member and hold said parts and the license plate against unauthorized removal from the bracket.

2,062,058
OIL WELL CASING PUMP
Dwight B. Howe, Duncan, Okla.
Application October 30, 1934, Serial No. 750,687
4 Claims. (Cl. 103—221)

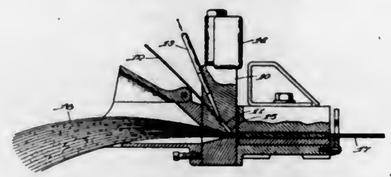


1. In an oil well casing pump, a pumping unit for lowering into the casing, comprising a pump head having an axial opening for the fluid being pumped, and drain openings providing fluid communication above and below the head separately of said axial opening, a working barrel suspended from the pump head co-axial with said axial opening and provided with a shoulder, a traveling valve in said barrel, an operating rod for the traveling valve extending upwardly thru the axial opening in the pump head, a sleeve slidable on the working barrel between the pump head and said shoulder, a supporting tube carried by the sleeve for supporting the unit in the casing, a packer carried by the sleeve to be expanded by the pump head into sealing engagement with the casing when the unit is lowered into operating position in the casing by said operating rod, valve means normally closing the upper ends of said drain openings, opening means for said valve means, and means on said operating rod operable upon lifting the operating rod for pulling the pumping unit to first engage said opening means and actuate the valve means for releasing fluid pressure above the pump head and then moving the opening means into engagement with the pump head for raising the same out of expanding relation to said packer.

2,062,059
METHOD OF FORMING LUBRICATED WIRE ROPE CORES
Walter D. Hodson, Beverly Hills, Ill.
No Drawing. Application November 4, 1935, Serial No. 48,262
2 Claims. (Cl. 117—2)

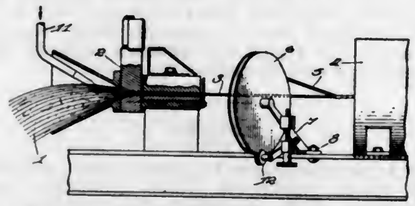
1. In the application of a viscous fiber containing adhesive lubricant to a wire rope core comprising twisted strands of thread material, the steps of applying lubricant to the thread to provide a coating thereon, passing a number of coated threads under pressure through a die, twisting a plurality of the threads into a strand, passing the strand through a die, twisting a plurality of strands into ropes while passing through a die under pressure, whereby the lubricant is pressed and squeezed among and about the individual fibers of the thread to coat the same uniformly.

2,062,060
CORDAGE LUBRICATION
Walter D. Hodson, Beverly Hills, Ill.
Application December 6, 1935, Serial No. 53,248
5 Claims. (Cl. 117—2)



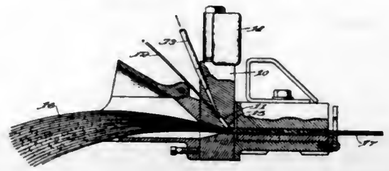
1. The method of incorporating viscous jelly-like lubricants in cordage, which comprises forming a rod of lubricant surrounded by a lubricant-permeable fabric, and forming cordage yarn about the rod.

2,062,061
METHOD OF INCORPORATING LUBRICANT
Walter D. Hodson, Beverly Hills, Ill.
Application March 27, 1936, Serial No. 71,305
4 Claims. (Cl. 117—34.5)



1. In the incorporation of fluids into cordage yarn wherein rope fibers are introduced into a forming die and the fibers are treated with fluid prior to emergence of yarn from the die and the fluid-treated yarn then passes to a rapidly rotating member upon which the yarn is mounted at a point distant from the center and subjected to great centrifugal action, the step of forming a fabric layer about the yarn between the forming die and the rotating member, whereby throwing off of the fluid therein is prevented.

2,062,062
CORDAGE LUBRICATION
Walter D. Hodson, Beverly Hills, Ill.
Original application December 6, 1935, Serial No. 53,248. Divided and this application May 28, 1936, Serial No. 82,333
7 Claims. (Cl. 117—53)



5. Cordage yarn comprising rope fibers formed into yarn about a porous fiber tube enclosing a plastic cordage lubricant.

2,062,063
PNEUMATIC HORSE COLLAR
Harry Clay Kirby, Sunbury, Ohio
Application October 11, 1935, Serial No. 44,606
2 Claims. (Cl. 54—19)



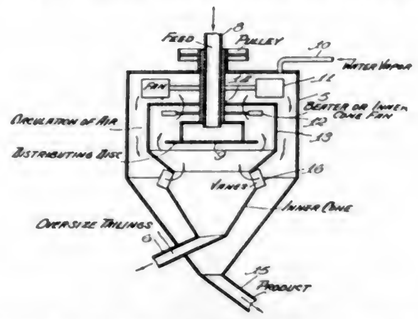
1. A pneumatic horse collar including a hollow body built up of fabric and rubber, and transverse, perforated partitions mounted in the body.

2,062,064
MONOCALCIUM PHOSPHATE
William H. Knox, Jr., and Robert T. Cochran, Nashville, Tenn., assignors to Victor Chemical Works, a corporation of Illinois
Application March 4, 1935, Serial No. 9,300
9 Claims. (Cl. 23—109)

1. As an article of commerce suitable for incorporation in leavening agents as a baking acid, irregularly shaped, round-cornered solid crystalline masses of monocalcium phosphate substantially free-flowing and non-caking in character, and substantially all of the individual particles of which will pass through a one hundred mesh screen.

5. The process of producing a monocalcium phosphate which comprises reacting a lime base with strong phosphoric acid of at least 45° Bé. gravity strength, agitating the reaction mixture to produce a damp hot friable lumpy mass contain-

ing approximately 5–12% moisture, mechanically disintegrating the hot mass without substantial drying to produce fine particles substantially all of



which will pass through a 100 mesh screen, separating the fine particles while still damp, and drying them, whereby a substantially free-flowing, non-caking, round-cornered, irregularly shaped, solid, crystalline-formed monocalcium phosphate is produced.

2,062,065

CLEANING IMPLEMENT FOR PIANOS OR THE LIKE

Mary M. Miley, Allentown, Pa.

Application October 19, 1934, Serial No. 749,103
Renewed April 24, 1936
6 Claims. (Cl. 15—210)



1. An implement for use in cleaning pianos or the like, comprising a normally generally straight elongated flexible cleaning head, an elongated bar carrying the cleaning head, said bar being flexible in one direction throughout substantially its entire length and rigid throughout substantially its entire length in a direction at substantially a right angle to its flexing action, the arrangement being such that the cleaning head may be locally flexed at any point substantially between its ends and passed between the strings of the piano to engage with the sounding board beneath the strings and a handle secured to the bar.

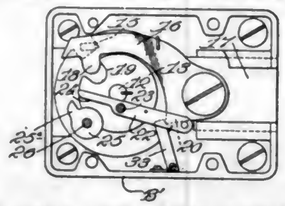
2,062,066

DELAYED CONTROL TIME LOCK

William C. Miller, Canton, Ohio, assignor to Diebold Safe & Lock Company, Canton, Ohio, a corporation of Ohio

Application July 22, 1933, Serial No. 681,774
18 Claims. (Cl. 70—62)

1. A lock comprising a door-locking bolt, main locking means serving to prevent retraction of said bolt, auxiliary means for preventing withdrawal of the bolt, electrically driven mechanism within the space controlled by said lock-equipped door arranged to operate upon being energized and after operation for a time to retract said



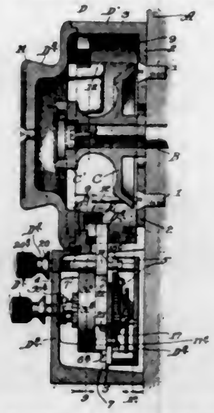
auxiliary means, means held inoperative when said bolt is retracted for automatically moving said auxiliary means to bolt-dogging position when said bolt is moved to locking position, and means operated from the exterior of said lock for energizing said electrically driven mechanism.

2,062,067

PROTECTIVE DEVICE FOR SAFES

William C. Miller, Canton, Ohio, assignor to Diebold Safe & Lock Co., Canton, Ohio, a corporation of Ohio

Application September 24, 1934, Serial No. 745,323
6 Claims. (Cl. 70—26)



1. In mechanism of the character set forth, a unit comprising: a frame; a locking-bolt slidably mounted in said frame; a bolt-retracting device pivotally mounted in said frame and equipped with means for retracting said bolt; clock-mechanism mounted in said frame; and a pair of dogs adapted to alternately secure said bolt against movement, one of said dogs being released by said clock-mechanism and the other of said dogs being equipped with a releasing lever projecting above said frame and disposed adjacent the extremity of said locking-bolt.

2,062,068

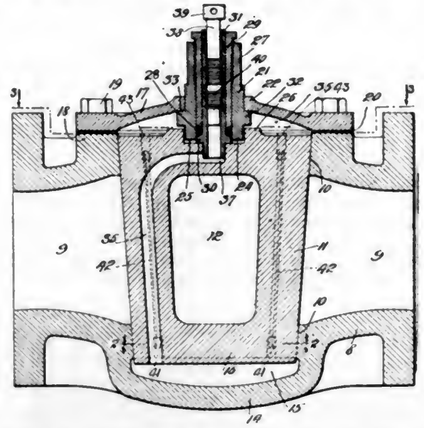
VALVE

Sven Johan Nordstrom, Piedmont, Calif., assignor to Merco Nordstrom Valve Company, San Francisco, Calif., a corporation of Delaware

Application June 29, 1931, Serial No. 547,497
28 Claims. (Cl. 251—93)

1. A valve comprising a casing having a passageway therethrough and a tapered seat formed transversely of the passageway, a tapered plug mounted in the seat and having a hole adapted

to register with the passageway, resilient means acting in the direction to hold the plug against its seat, a plug-turning member rotatably associated with the resilient means and having a surface bearing against the inner surface of the resilient



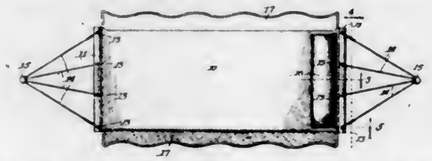
means, the inner end of the plug-turning member and the larger end of the plug having cooperating parts whereby the plug may be turned, and adjustable means acting outwardly against the plug-turning member and inwardly against the plug to control the pressure with which the plug is held against the seat.

2,062,069

HAMMOCK

Frank M. Powers, Chicago, Ill., assignor of one-third to Thomas C. Powers and one-third to David W. Powers, Chicago, Ill.

Application May 17, 1935, Serial No. 22,101
1 Claim. (Cl. 5—123)



A hammock, including; a substantially rectangular piece of flexible fabric with tubular portions at the ends, said tubular portions being provided with a plurality of transverse holes therethrough; a stick at each end in the tubular portion, said stick having a plurality of holes therethrough registering with the holes in the tubular portion; a supporting member at each end with a hole therethrough; and a single rope at each end with its ends fastened to the end holes in the stick and its intermediate portion laced through the hole in the supporting member and the intermediate holes in the stick, a portion of said rope lying under the stick between two holes.

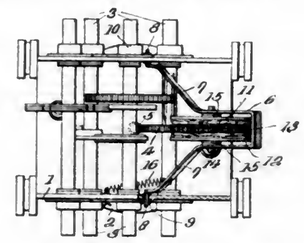
2,062,070

LUBRICATING DEVICE

Albert G. Redmond, Flint, Mich.

Application January 20, 1936, Serial No. 59,980
2 Claims. (Cl. 184—102)

1. In a device of the kind described, the combination with a worm wheel, of a revolubly mounted felt disc so positioned in respect to the worm wheel that in the rotation of said wheel teeth



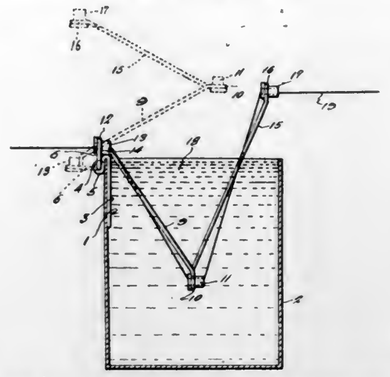
are formed in the felt disc to perfectly match the teeth of the worm wheel in order to thoroughly lubricate the same.

2,062,071

SILK MOISTENER

William Martin Rossiter, Furlong, Pa.

Application May 19, 1936, Serial No. 80,610
1 Claim. (Cl. 91—46)



A silk moistener of the class described comprising a substantially U-shaped clip adapted to be mounted on a water pan, said clip including an inner leg and a comparatively short outer leg, a horizontal bearing on the lower end of said outer leg, a swinging rod including a right angularly extending end portion journaled in the bearing, a coil on the upper end of said rod, a guide eye mounted in said coil, an inclined arm extending from the coil into the water pan, a coil on the lower end of said arm, a guide eye mounted in the second-named coil, a comparatively long, oppositely inclined arm extending upwardly from the lower end of the first-named arm, a coil on the free end of the second-named arm, a guide eye mounted in the third-named coil, said rod, the arms and the coils being formed from a single length of wire, the last-named guide eye being within the vertical plane of the pan.

2,062,072

PURIFYING FELDSPAR

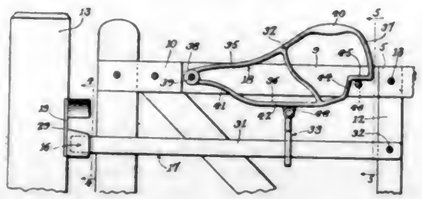
Norman G. Smith, Brunswick, and Stanton G. Smith, Auburn, Maine

No Drawing. Application August 11, 1928, Serial No. 299,113
2 Claims. (Cl. 209—215)

1. The process of purifying feldspar containing feebly magnetic impurities, such as iron-bearing

mica, which comprises reducing the feldspar to a sand-like granular condition having a grain size such that the feebly magnetic impurities may be effectively removed by magnetic separation, and subjecting the feldspar while in such granular condition to magnetic separation of said impurities.

2,062,073
GATE LATCH
David Tendler, Malvern, Pa.
Application October 18, 1935, Serial No. 45,643
4 Claims. (Cl. 292—233)



1. In a gate latch, a pivoted combined handle and pivoted latching member releasing element formed of an upper and a lower section, said upper section comprising a skeleton body formed of a top, bottom, a forward end and a rear end, said top and bottom being of greater length than the said ends, said rear end being of greater length than the forward end, said body increasing in width from its forward to its rear end, said forward end being in the form of an annulus for the passage of and for pivotally mounting said body on a pivot, said rear end having a part thereof, intermediate its ends providing a horizontally disposed abutment adapted to be disposed in the path of a stop for arresting the lowering movement of the rear end of said body to maintain the latter in a horizontal position and a lug depending from said bottom intermediate the ends of the latter; and said lower section consisting of a shank pivoted to and depending from said lug and merging into a loop which forms means to encompass the latching member to slidably connect the latter with said body whereby on the upward movement of said body said member will be released.

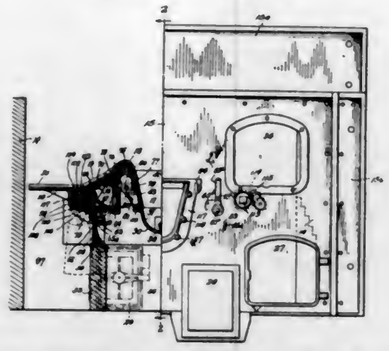
2,062,074
PROTECTIVE COATING FOR PENCIL CORES
Georg Wagner, Nuremberg, Germany
No Drawing. Application February 11, 1936, Serial No. 63,452. In Germany December 11, 1934
4 Claims. (Cl. 120—83)

1. In a pencil of the character set forth, a water sensitive core having a relatively thin water proof film of a fatty substance applied thereto.

2,062,075
PROCESS OF TREATING BEER AND ALE
Leo Wallerstein, New York, N. Y.
No Drawing. Application November 10, 1934, Serial No. 752,475
2 Claims. (Cl. 99—48)

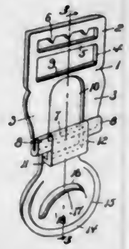
1. In a process of producing beers and ales to remove tastes caused by bacterial infection and by the growth and propagation of sarcina, the step of treating the beers and ales after substantial alcoholic fermentation with a minute quantity of activated carbon at a temperature of 0 to 15° C., one gram of which is capable of decolorizing 500 to 600 c. c. of methylene blue solution of a strength of 1 to 4,000, in the proportion of one-half to five ounces of the activated carbon to each barrel of thirty-one gallons, said wort having a pH of 4 to 5, for less than thirty minutes, said treatment exerting a selective action in removing said tastes, without substantially removing any of the desirable characteristic odors and tastes of the beers and ales.

2,062,076
UNDERFEED STOKER
Charles A. Warg, Scranton, Pa., assignor to McClave-Brooks Company, Scranton, Pa., a corporation of Pennsylvania
Application October 24, 1930, Serial No. 491,025
10 Claims. (Cl. 110—47)



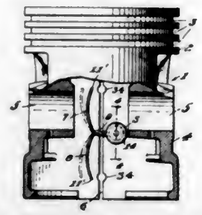
2. An underfeed stoker including a stoker front, a rear frame plate, a retort extending from the stoker front to said frame plate and supported by said stoker front and rear frame plate, a damper partition secured to said front and rear frame plate at either side of said retort, a side frame secured to said front and rear frame plate at either side of said retort between said damper partitions and said retort, tuyère blocks supported by the retort and the side frames and grate sections supported by the side frames and damper partitions.

2,062,077
HOSE SUPPORTER
James Curtis Watson and John Morrison Alexander, Vancouver, British Columbia, Canada
Application March 30, 1936, Serial No. 71,752
5 Claims. (Cl. 24—248)



1. In a hose supporter, two cooperating members one of which has a slot and a bifurcated portion, the other of which has an elongated loop and a flat head with a tongue or hook portion, a hinge pin integrally formed with the furcations of said bifurcated portion, said loop being located in said bifurcated portion with the hinge pin passing through the loop, the first of said members having an outwardly inclined lip over which said tongue or hook portion lies when in operation.

2,062,078
PISTON SKIRT EXPANDER
Albert W. Wenzel, Paterson, N. J.
Application November 2, 1935, Serial No. 48,042
4 Claims. (Cl. 309—12)



1. A piston expander for a slotted piston having skirt portions one of which is apertured, comprising a spring member having a looped central portion and similar diverging arms extending from the looped central portion, the ends of the arms being offset, said looped central portion being adapted to be fastened to one skirt portion of the piston with the offset ends of the arms adapted to be fitted within the apertures of the other skirt portion.

2,062,079
SMALL-BORE TARGET RIFLE
Russell Wiles, Chicago, Ill., assignor to Winchester Repeating Arms Co., New Haven, Conn., a corporation of Maryland
Application February 25, 1935, Serial No. 8,137
9 Claims. (Cl. 42—71)



1. A bolt action repeating small-bore target rifle having a stock with a comb of a length to support the face in conventional prone position, the point of the comb being higher than the lower line of the bolt and having its receiver bolt assembly and comb co-ordinated to permit rearward removal of the bolt-assembly in the space in front of the point of the comb.

2,062,080
METHOD OF PREVENTING BLOOMING OF ROOFING GRANULES
Stephen G. Wright, Chicago, Ill.
No Drawing. Application January 23, 1935, Serial No. 3,140
5 Claims. (Cl. 91—70)

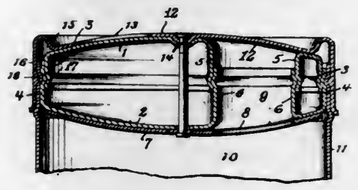
1. In the production of roofing granules, the steps of coating said granules with a solution of sodium silicate, burning said coated granules at a temperature below a fixing temperature, and treating the granules with a dilute nitric acid solution in such amounts that the granules are hardly wet and dry immediately.

2,062,081
WOODEN PLUG
Nathanael Zwingauer, Berlin-Wilmersdorf, Germany, assignor to Rütgerswerke-Aktiengesellschaft, Berlin, Germany
Application March 28, 1935, Serial No. 13,561
In Germany February 20, 1934
3 Claims. (Cl. 21—15)



1. Process for distributing water-soluble preservatives in wood, comprising introducing into the wood plugs, dowels, screw plugs or the like in which such proportions of water-soluble preservatives are stored as exceed by several times the amount required for the permanent protection of the wooden plug itself against wood destroying pests.

2,062,082
DISPENSING CONTAINER
Theodore Bailey, Miami Beach, Fla.
Application September 5, 1935, Serial No. 39,348
6 Claims. (Cl. 221—108)

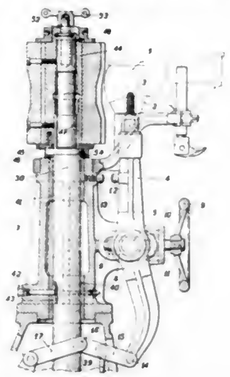


1. A measuring dispenser including a bulk container, a drum carried by one end of the container, said drum being made up of spaced sections having interfitting edge flanges, with the contacting portions of the edge flanges deformed to maintain the sections in drum-forming relation, the sections being further formed within their outline with integral flanges projecting toward each other and snugly interfitting to define a measuring chamber, and cut-off plates above and below the drum and formed with openings for selective registry with the measuring chamber.

2,062,083
MACHINE FOR PULLING SHOES OFF THE LAST
Jan A. Bata, Zlin, Czechoslovakia
Application June 16, 1936, Serial No. 85,565
In Czechoslovakia May 16, 1935
4 Claims. (Cl. 12—15.1)

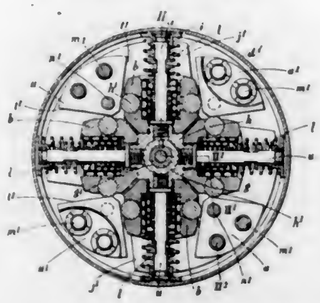
1. A machine for pulling shoes off the last, comprising a supporting lever for the last carrying the shoe, a pulling-off tool capable of performing an upward pulling-off motion, means for pressing the last with the shoe against the pulling-off tool, comprising a toggle arrangement and a pull rod attached to the toggle arrangement, means for producing the disengaging motion of the pulling-off tool, comprising a clutch, a toothed wheel connected to the clutch and a rack in engagement with the toothed

wheel, and a treadle arrangement connected to



the said pull rod and adapted to operate both the said means.

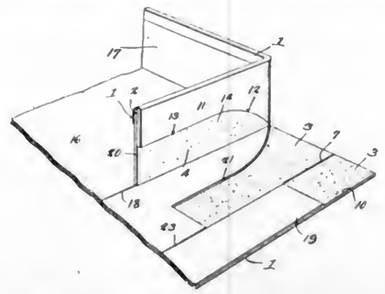
2,062,084
CENTRIFUGAL GOVERNOR FOR INTERNAL COMBUSTION ENGINES
Paul Belyavin, London, England, assignor to Belfrost Diesels Limited, London, England
Application March 28, 1935, Serial No. 13,526
In Great Britain April 26, 1934
12 Claims. (Cl. 64—25)



1. Drive transmission coupling comprising, in combination, a driving part, a driven part and a floating rotary member all coaxially disposed, a peripheral series of abutments alternately secured to the driving part and the driven part, a plurality of governor weights mounted for substantially radial sliding on said member, each weight being disposed between an abutment on the driving part and an abutment on the driven part and each abutment being disposed between two of the weights, cam surfaces on the abutments, adjacent pairs of said surfaces affording channels for the weights which channels alternately increase and decrease outwardly, and turnable bearing members on the weights engaging said surfaces.

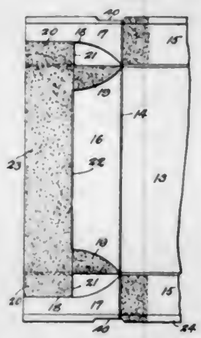
2,062,085
PAPER BOX
Clarence Lloyd Claff, Randolph, Mass.
Application May 11, 1935, Serial No. 21,022
5 Claims. (Cl. 229—34)

1. A paper box comprising inner and outer layers of boxboard material affixed to form a laminated structure, a layer of coating material applied to the outer surface of the outer layer, each layer having side walls with end flaps, and also having end folds, the fold of the inner layer terminating at its sides inwardly from the sides of the folds of the outer blank layer and the coating material being coextensive in length and width with the folds of the outer layer, the corresponding flaps of the inner and outer layers



being affixed to form corner wings, and said wings being extended toward each other, one flap of each wing being smaller than the other, said folds being astride and affixed to the wings, a portion of the fold of the inner layer being positioned in the same plane with the smaller flaps of the wings whereby portions of the raw side edges of the fold of the outer layer and the coating material only are exposed outside the box.

2,062,086
PAPER BOX
Clarence Lloy Claff, Ranodlph, Mass.
Original application June 13, 1935, Serial No. 26,478. Divided and this application November 22, 1935, Serial No. 51,161
3 Claims. (Cl. 229—34)



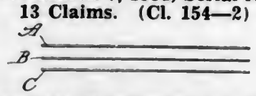
1. A paper box formed of a blank of paper board having one surface coated with finishing paper, said blank being shaped to provide side walls, side wings, end flaps, and opposed pairs of side ears on the end flaps extending the full length of the flaps, said ears abutting, one side ear of each pair being inturned, said inturned ears being extended toward each other, and the end flaps being folded over and affixed to the side wings thereby to conceal the raw edges of the inturned ears between the folds of the end flaps, the other ears on each end flap lapping and being affixed to the side walls and extending to the top edges thereof.

2,062,087
HOSE SUPPORTER
Herbert T. Cottrell, Vancouver, British Columbia, Canada
Application July 9, 1935, Serial No. 30,546
Renewed April 13, 1936
6 Claims. (Cl. 24—248)



4. In a hose supporter, two cooperative members one of which has a slot and a bifurcated portion, the other of which has an elongated loop and a hook portion, a hinge pin carried by said bifurcated portion and passing through said loop, the loop being located in said bifurcated portion, said hook portion being designed to enter said slot and hook over an edge thereof for purposes described, and spring means continuously tending to hold said loop with one extremity thereof against said hinge pin.

2,062,088
FLEXIBLE VENEER AND PROCESS FOR MAKING SAME
John F. Dreyer, Cincinnati, Ohio, assignor to The Formica Insulation Company, a corporation of Ohio
Application March 7, 1934, Serial No. 714,516
13 Claims. (Cl. 154—2)

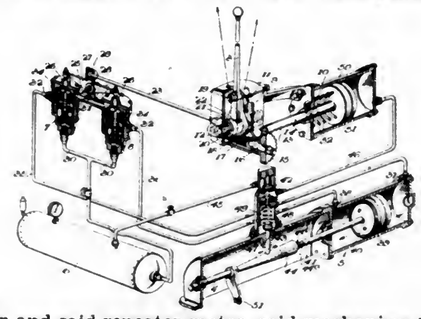


1. The process of producing is thin flexible veneer having an enamel-like surface which comprises: coating one side of a thin surface sheet with a plurality of films of synthetic resins graduated in the order of their degree of bendability that is hard, medium, and flexible, respectively, and consolidating the same under heat and pressure.

10. The process of producing a thin flexible veneer having an enamel-like surface which comprises: superposing a thin surface sheet impregnated with a urea formaldehyde resin, upon a thin body sheet impregnated with a phenol formaldehyde resin, superposing said body sheet in turn upon an additional body sheet impregnated with polymerized vinyl chloride, and consolidating the assembly under heat and pressure.

2,062,089
CONTROL MECHANISM
Wilfred A. Eaton, Pittsburgh, Pa., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa., a corporation of Delaware
Application May 23, 1935, Serial No. 23,102
13 Claims. (Cl. 121—41)

1. A telemotor system comprising a manually-operable control member, an actuated member adapted to reproduce the motion of the control member, and means for controlling the movement of said actuated member in accordance with the motion of the control member comprising a motor operatively connected to said actuated member, means operable by said control member for controlling said motor, a repeater motor operatively associated with said actuated member for transmitting the motion of the latter to a point adjacent said control member, and mechanism operatively connecting said control member, repeater motor and motor-controlling means for actuating said control member in accordance with the relative displacement between said control member and said repeater motor, said mechanism including means for preventing direct actuation of the repeater motor by the control member.

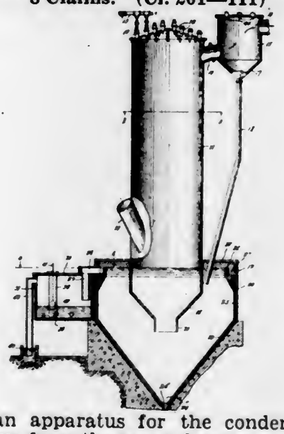


2,062,090
AIR FILTER
Herbert M. Gaarder and Charles W. Becker, Chicago, Ill., assignors to Wilson & Co., Inc., a corporation of Delaware
Application November 4, 1935, Serial No. 48,247
6 Claims. (Cl. 183—45)



1. A substantially self-sustaining, cross-sectionally uniform air filter pad of the impingement type, having interstices of much greater size than dust particles, predominantly comprising curled animal hair of substantial length, the hairs being so loosely arranged as to have a mean density of the order of one-half to one and one-half ounces per hundred cubic inches of air filter pad for hair of the thickness and density of hog hair, and a tacky dust collecting medium upon hairs therein.

2,062,091
APPARATUS FOR PHOSPHORUS RECOVERY
Stapleton D. Gooch, Pembroke, Fla.
Application March 23, 1935, Serial No. 12,693
8 Claims. (Cl. 261—111)



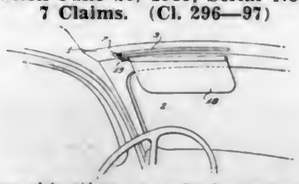
1. In an apparatus for the condensation of phosphorus from the vapor form, a spray chamber having a conical bottom provided with a liq-

uid outlet passage at the apex of the conical bottom, spray means in the top of the spray chamber to spray cooling liquid therein, said spray chamber being provided with an inlet passage for the phosphorus vapors near the bottom thereof, and an outlet passage for the uncondensed vapors and gases near the top thereof, a receiving tank below the spray chamber having side walls and a conical bottom to receive the condensed phosphorus and the cooling liquid from the spray chamber and allow the cooling liquid to collect therein in a quiescent pool, means to withdraw the phosphorus from the conical bottom of the receiving tank, an overflow trough inside of the receiving tank located on the side walls thereof, the upper edge of the overflow trough being sufficiently above the end of the liquid outlet passage from the spray chamber that a quiescent pool is formed in the spray chamber of substantially the diameter of the chamber, and means to withdraw the cooling liquid from the overflow trough.

2,062,092

GLARE SHIELD

Rex C. Jacobs, Detroit, Mich.
Application June 20, 1935, Serial No. 27,473
7 Claims. (Cl. 296—97)

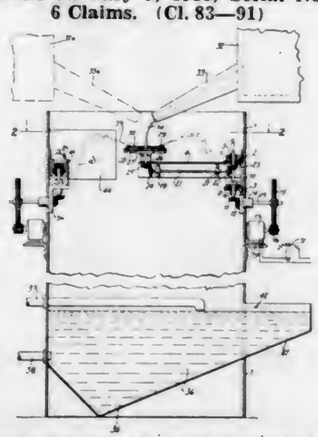


1. In combination, a vehicle body having a wall composed of a pair of members arranged to provide a space within the wall, one of said wall members being of anguar formation and having a slot in one of the parts thereof, a lever pivotally attached to the other angular part of said member, a glare shield, means on the the free end of said lever for attaching said glare shield thereto whereby it is movable through said slot, and means for guiding movement of said shield during pivotal movement of said lever.

2,062,093

MEANS FOR MAKING ABRASIVE MATERIAL

Gustave H. Kann, Pittsburgh, Pa., assignor to The Globe Steel Abrasive Company, Mansfield, Ohio, a corporation of Ohio
Application January 9, 1935, Serial No. 1,017
6 Claims. (Cl. 83—91)

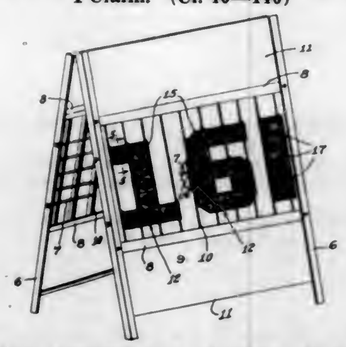


1. In an apparatus for making metal shot, grit and the like, for abrasive purposes, a rotatable element having a generally horizontal surface rotatable about a center of rotation, means for melting metal and discharging it in a stream upon the said surface, an arm rotatably supporting the element, a support for the arm on which it may swing about a vertical axis to remove the rotatable element laterally to a lateral position from a normal metal stream receiving position and return it thereto, transmission means transmitting power along the arm for rotating the rotatable element when in either of said positions and the arm and transmission means being disposed wholly below the said surfaces of the rotatable elements.

2,062,094

SIGN

Frederic E. Kip, Montclair, N. J.
Application August 31, 1934, Serial No. 742,344
1 Claim. (Cl. 40—140)

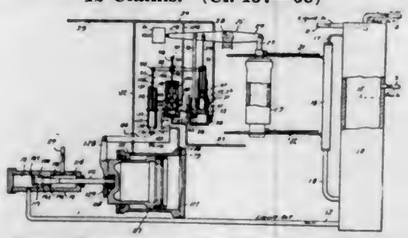


A sign comprising a plurality of elements adapted to be assembled to form numerals or letters, a support for said elements presenting a substantially solid background, means to hold said elements in assembled relation on said support and permitting said elements to be interchanged and rearranged to form various numerals or letters, and light reflectors on the fronts of said elements and arranged so as to be alined in horizontal and vertical planes to form and exhibit the particular letters or numerals formed by the elements when a beam of light is projected on the sign, said reflectors on some of the elements being arranged transversely thereof and on other elements being arranged longitudinally thereof.

2,062,095

CONTROL MECHANISM

Walter H. Kniskern, Prince George County, Va., assignor to Atmospheric Nitrogen Corporation, New York, N. Y., a corporation of New York
Application October 10, 1930, Serial No. 487,887
12 Claims. (Cl. 137—68)

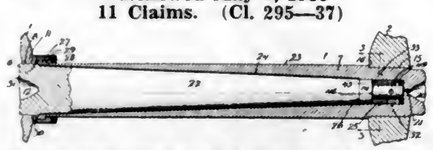


1. Control apparatus involving a servo-motor cylinder, a relay housing, a relay valve, a housing for a cam follower, and a standard all mounted on said cylinder, a balance beam pivoted on said standard and communicably connected with said relay housing, and means for actuating said balance beam.

2,062,096

AXLE CONSTRUCTION

Edward Lanto, New York, N. Y.
Application April 9, 1931, Serial No. 528,776
Renewed May 1, 1936
11 Claims. (Cl. 295—37)

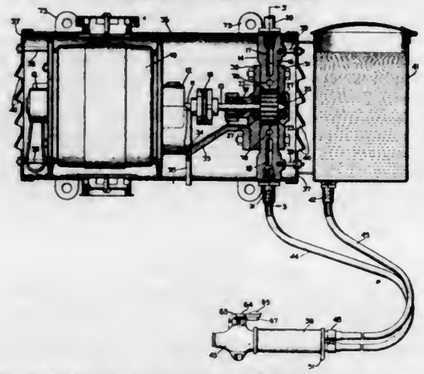


6. The combination of a pair of spaced wheels and an axle on which said wheels are mounted, said axle comprising sections disposed one within the other and adapted to revolve in relation to each other, one of said wheels being rigidly mounted on each of said axle sections to revolve therewith, said axle sections each graduated in thickness between the pair of wheels, the thickest portion of each axle section disposed toward the wheel to which it is fixed, said axle sections each spanning the space between the pair of wheels, said inner axle section having a bearing portion extending to or within the plane of the hub of the wheel opposite the one to which the respective axle section is attached and terminating in the plane of said opposite wheel, said axle section having a load carrying portion extending outwardly beyond the wheel base, and said outer axle section extending to a point adjacent the hub of the wheel which is attached to said inner axle section, said outer axle section extending outwardly beyond the wheel base to form a single load supporting member.

2,062,097

WASHING APPARATUS

Herbert A. Lingard, Harrow Weald, England, assignor to General Electric Company, a corporation of New York
Application April 11, 1934, Serial No. 720,109
In Great Britain April 20, 1933
1 Claim. (Cl. 299—84)

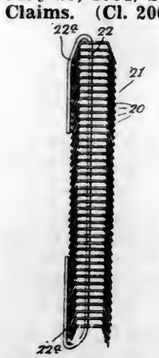


Dishwashing apparatus adapted to be supported in an elevated position above a sink and the like comprising a pump, a supply conduit communicating with the intake of said pump and adapted to be connected to a water supply source, a second conduit communicating with the discharge of said pump, a flexible conduit connected with said second conduit, a nozzle connected with said flexible conduit, a motor for driving said pump, means for suspending said pump and motor in an elevated position on the wall of a room or the like, a soap container, means attaching said soap container to said pump and motor structure and a flexible conduit connecting said soap container with said nozzle.

2,062,098

STRAP SEAL AND PACKAGE

Chester M. MacChesney, Chicago, Ill., assignor to Acme Steel Company, Chicago, Ill., a corporation of Illinois
Application May 25, 1934, Serial No. 727,410
4 Claims. (Cl. 206—65)

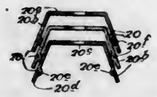


1. A package of strap seals comprising a plurality of channel-shaped seals arranged in a stack with their back walls in parallel relationship, said back walls having aligning apertures therethrough, the side walls of each seal having inwardly extending projections to form point to point contacts with the side walls of the next lower seal of the stack, and a fastening member extending through said aligning apertures for holding said seals together.

2,062,099

STRAP SEAL

Chester M. MacChesney, Chicago, Ill., assignor to Acme Steel Company, Chicago, Ill., a corporation of Illinois
Original application May 25, 1934, Serial No. 727,410. Divided and this application April 20, 1935, Serial No. 17,418
8 Claims. (Cl. 24—23)



1. A strap seal of channel form comprising a back wall and side walls, said side walls having projections located entirely above the lower edge thereof to engage the side walls of an adjacent seal when two of said seals are superimposed upon each other.

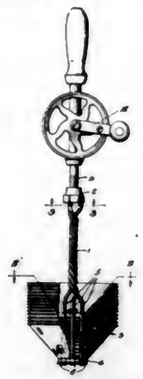
2,062,100

APPARATUS FOR CLEANING LINER DISKS OF A CENTRIFUGAL LIQUID SEPARATOR

Herbert McCornack, Howey In The Hills, Fla.
Application April 22, 1933, Serial No. 667,485
7 Claims. (Cl. 141—1)

1. In a centrifugal apparatus for cleaning liner disks of a centrifugal liquid separator, centrifu-

gally expanding, spaced holding members, adapted to enter openings in said disks, a rigid driv-



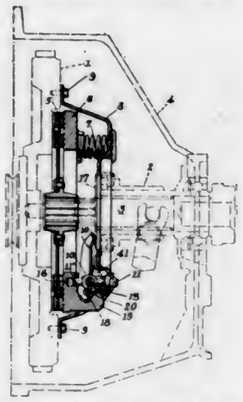
ing shaft and motive means for rotating said members through said driving shaft.

2,062,101

FRICTION CLUTCH

Harold Nutt and Harold V. Reed, Chicago, Ill., assignors, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois

Application December 2, 1932, Serial No. 645,392
15 Claims. (Cl. 192—68)



1. A friction clutch comprising a pressure ring, a pivot, a lever for operating said ring and carried by said pivot, and a movable strut interposed between said pressure ring and lever and having opposite edges engaged with said pressure ring and lever, the edge of the strut in engagement with the pressure ring being shaped to provide rolling action between said strut and pressure ring upon movement of said lever about said pivot.

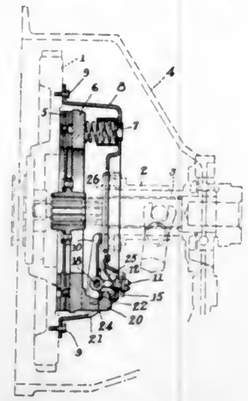
2,062,102

FRICTION CLUTCH

Harold Nutt and Harold V. Reed, Chicago, Ill., assignors, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois

Application December 2, 1932, Serial No. 645,395
7 Claims. (Cl. 192—68)

1. A friction clutch comprising a pressure ring, a support adapted to swing and having a flat bearing, a lever for operating said pressure ring, and a



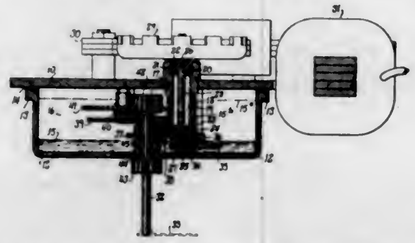
pivot pin for said lever and operating with a rolling action on said bearing.

2,062,103

OIL-CHAMBER FOR ELECTRIC CLOCKS

Rupert C. Perry, Waterbury, Conn., assignor to The Waterbury Clock Company, Waterbury, Conn., a corporation

Application April 12, 1935, Serial No. 15,934
5 Claims. (Cl. 74—606)



1. An oil-chamber construction designed and adapted to store a relatively-large amount of lubricant in its interior, including: a housing providing an oil-chamber therein; and two complementary bearing-projections eccentrically positioned with respect to each other and extending inwardly into the oil-chamber in the interior of the said housing from opposite sides thereof and each provided with a bearing-passage extending therethrough in substantial parallelism, the respective inner ends of each of the said bearing-projections extending past the inner end of the other thereof.

2,062,104

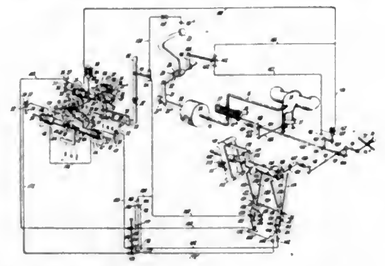
POWER SYSTEM

David C. Prince, Swarthmore, Pa., assignor to General Electric Company, a corporation of New York

Application January 18, 1933, Serial No. 652,411
44 Claims. (Cl. 192—.01)

1. A power system including a prime mover, means for controlling the torque exerted by said prime mover, a driven member, a speed changing mechanism for connecting said prime mover to said driven member, and means responsive to the speed of said driven member and modified in said response by said torque controlling means

for actuating said torque controlling means to reduce the torque exerted by said prime mover



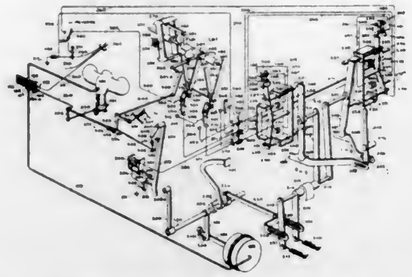
and for changing the speed ratio of said speed changing mechanism.

2,062,105

POWER SYSTEM

David C. Prince, Swarthmore, Pa., assignor to General Electric Company, a corporation of New York

Original application January 18, 1933, Serial No. 652,411. Divided and this application June 19, 1934, Serial No. 731,287
22 Claims. (Cl. 192—.01)



10. A power system including a prime mover, means for controlling the torque of said prime mover, a driven member, a clutch and a gear shifting mechanism including a lever operable to a neutral and to a gear engaging position for connecting said driven member to said prime mover, means for biasing said lever toward one of its positions, means controlled by said torque controlling means for disengaging and engaging said clutch and coincidently providing for actuating said lever against said biasing means and releasing said lever, and means responsive to actuation and release of said lever for shifting the gears of said gear shifting mechanism.

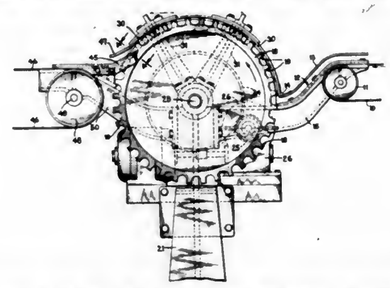
2,062,106

AUTOMATIC POLISHING MACHINE

Otto Karl Reinhardt, Jamaica, N. Y., assignor to Bond Electric Corporation, Jersey City, N. J., a corporation of Delaware

Application October 30, 1931, Serial No. 572,184
3 Claims. (Cl. 15—21)

2. A polishing machine for the bottoms of dry cells comprising at least one rotary polishing brush having radially extending bristles, a continuously rotating carrier wheel rotating in a vertical plane and having a plurality of pockets in the periphery each of which receives a cell and so positioned as to move the bottoms of the cells diagonally across the face of the brush, means to rotate said polishing brush and means



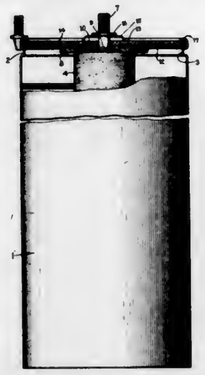
adjacent said pockets and opposite said brush to engage the ends of cells in non-shortcircuiting relation to hold the cells in contact with the face of the brush.

2,062,107

DRY CELL

Otto Karl Reinhardt, Jamaica, and John William Baer, Elmhurst, N. Y., assignors to Bond Electric Corporation, Jersey City, N. J., a corporation of Delaware

Application March 30, 1933, Serial No. 663,476
4 Claims. (Cl. 136—133)



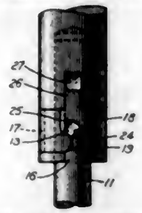
1. In a dry cell, a metallic cup shaped container electrode having an inwardly directed bead rolled in the cup wall near the edge thereof, a substantially centrally disposed carbon electrode therein having an upwardly projecting metallic binding post, a disc-like closure of the same metal as the container electrode having a diameter substantially equal to the interior diameter of the cup and resting on the bead, means to insulate the closure from the central electrode, a disc-like closure of insulating material of substantially the same diameter as the metallic closure and superimposed thereon, said closure of insulating material being formed with a central aperture receiving the binding post, an inverted cup-shaped bushing of relatively thin metal superimposed on the closure of insulating material and formed with a central aperture receiving the binding post, said binding post having means to engage the metallic bushing to retain the bushing and discs on the electrode and force the edge of the inverted cup into the insulating material, the edge of the cup being turned inwardly over the closure of insulating material to clamp the closures to the bead.

2,062,108

MECHANICAL COUPLING

Frank H. Rickerson, Chicago, Ill., assignor to Teletype Corporation, Chicago, Ill., a corporation of Delaware

Application June 7, 1934, Serial No. 729,350
8 Claims. (Cl. 287—119)



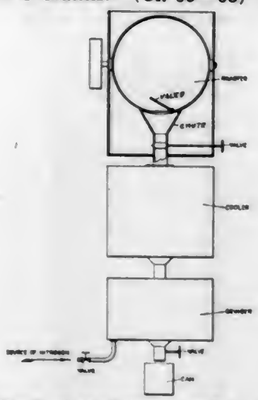
6. In a mechanical connection, a section having a pin, a section having a channel for receiving said pin, and a yieldable retainer element surrounding said channeled section affording permissive ingress and egress of said pin within said channel without relative rotation of said sections.

2,062,109

METHOD OF MAKING STABILIZED COFFEE

Leo M. Rogers, New York, N. Y.

Application March 22, 1933, Serial No. 662,084
4 Claims. (Cl. 99—68)



1. A method of stabilizing coffee, which consists in roasting the coffee, and grinding the roasted coffee, and cooling the ground coffee, all of said steps being carried out in an inert atmosphere with the substantial exclusion of oxygen so as to prevent the coffee from taking up oxygen and to cause such ground coffee to take up and retain the inert gas.

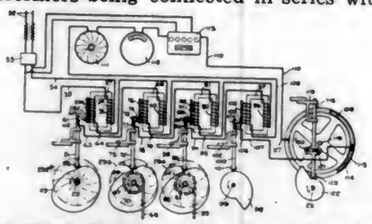
2,062,110

TRANSFORMER MEASURING INSTRUMENT

Everett W. Swartwout, White Plains, N. Y.; Amy R. Swartwout executrix of said Everett W. Swartwout, deceased

Application June 6, 1930, Serial No. 459,604
5 Claims. (Cl. 177—351)

1. In an electrical measuring device for integrating a plurality of varying and variable factors, the combination of a source of constant electric current, a plurality of transformers equal in number to the varying and variable factors to be integrated, said transformers being arranged in cascade relation, and means for varying the effective turns of the secondary winding of each of said transformers in accordance with the characteristics of the varying and variable factors to be integrated, the first one of said plurality of transformers being connected in series with the



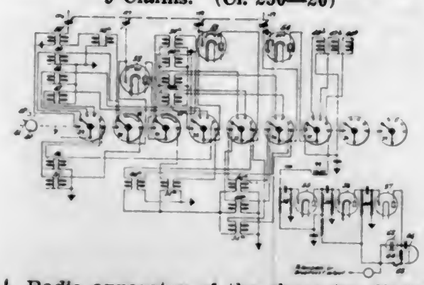
source of constant current, and an indicating and recording instrument connected to the last one of said plurality of transformers.

2,062,111

MULTIRANGE RADIO RECEIVING SYSTEM

Samuel Whisk, Brooklyn, N. Y., assignor of forty-five per cent to Roy I. Gerrish, New York, N. Y.

Application July 25, 1931, Serial No. 553,030
9 Claims. (Cl. 250—20)



1. Radio apparatus of the character disclosed comprising in combination, a sound translation device, tunable circuits adapted to be coupled thereto and including separate radio frequency transformers for different frequency ranges, a television reception device, tunable circuits for coupling to said television reception device, including a group of radio frequency transformers and master switch mechanism for selectively connecting the different radio frequency transformers in the tunable circuits for said sound translation device for the reception of audible signals within distinct wave ranges and for connecting said group of radio frequency transformers in the tunable circuits coupled to the television reception device for enabling television reception separate from sound reception in the selected frequency ranges.

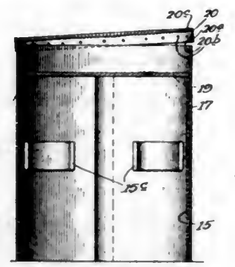
2,062,112

METHOD OF FORMING A CONTAINER AND APPARATUS THEREFOR

Allen B. Wilson, Evanston, Ill., assignor to Acme Steel Company, Chicago, Ill., a corporation of Illinois

Application April 16, 1935, Serial No. 16,642
10 Claims. (Cl. 93—55.1)

7. The method of forming a container which consists in providing a collapsible non-metallic annular container wall, inserting within said container wall an expanding device adapted to expand said wall to cylindrical form, then inserting within said annular wall at one end of said expanding device the end wall of said container, then applying to the end of said annular wall adjacent said end wall an annular metallic rim having an inwardly extending part adapted to be engaged by said end wall, and then reversing the position of said annular wall to cause the weight



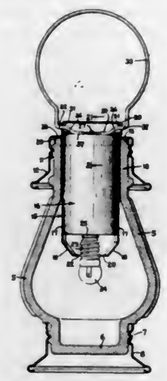
of said expanding device to force said end wall into engagement with said inwardly extending part.

2,062,113

ELECTRIC HAND LANTERN

John W. Baer, Woodside, and Otto Karl Reinhardt, Jamaica, N. Y., assignors to Bond Electric Corporation, Jersey City, N. J., a corporation of Delaware

Application November 16, 1934, Serial No. 753,268
3 Claims. (Cl. 240—10.63)



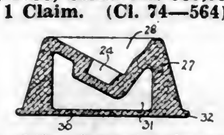
1. In an electric hand lantern, in combination, a transparent globe-like body member formed with threaded cylindrical upper and lower ends, at least said upper end being formed with a circular opening, a U-shaped conductive carrier frame formed with an aperture in its lowermost part whereof the edge is distorted to receive a lamp base and with outwardly turned upper ends to overlie the edge of the opening and be supported within the body and receive a battery, the central terminal of which is in electrical contact with the central terminal of the lamp, a removable base threaded on to the lower end of the body, a removable conductive cap for the globe-like body member formed with threads to engage the threads on the upper cylindrical portion of the body member and to contact with the ends of the carrier and a circuit closer adapted to selectively complete the electrical circuit comprising a bail whereof the ends are pivoted in the cap and so shaped as to contact with the other terminal of the battery when the bail is in one position of its movement.

2,062,114

HEEL CUSHION

Samuel F. Bashara, Houston, Tex.

Original application September 16, 1929, Serial No. 393,061. Divided and this application September 11, 1933, Serial No. 689,052
1 Claim. (Cl. 74—564)



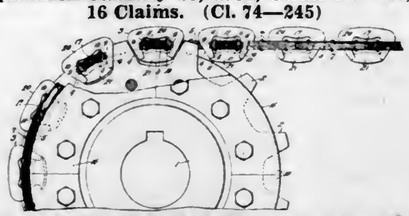
A foot rest of the character described including a body of rubber material including a base, side walls upstanding from said base, a foot receiving cover connecting said side walls and spaced from said base whereby an air chamber is provided inside of said body, said cover being formed with a depression to receive a shoe having a low flat heel, and a second depression within said first depression to receive a shoe having a high narrow heel.

2,062,115

POWER TRANSMISSION CHAIN DRIVE

Wilfrid H. Bendall, Long Island City, N. Y.

Application January 23, 1934, Serial No. 707,891
16 Claims. (Cl. 74—245)



11. A flexible link chain drive comprising flexible ring-shaped links, the central aperture of said links being adapted to admit sprocket teeth, and ring-shaped rigid links connecting the flexible links, the plane of the rigid links adapted to lie in the general plane of said sprocket, the outer working edges of the rigid links being adapted to engage the sides of the sprocket teeth.

2,062,116

PROCESS FOR DESILVERIZING ALLOYS OF LEAD AND TIN

Jesse O. Betterton and Yurii E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y., a corporation of New Jersey

No Drawing. Application October 26, 1935, Serial No. 46,869
4 Claims. (Cl. 75—79)

1. The process for desilverizing antimony-bearing alloys of lead and tin which comprises establishing a molten bath of such alloys, incorporating sufficient aluminum-zinc alloys therein to throw out of solution the bulk of the antimony thereby enabling the zinc to react upon the silver content of the bath, and separating the resulting drosses from the refined lead-tin alloy.

2,062,117

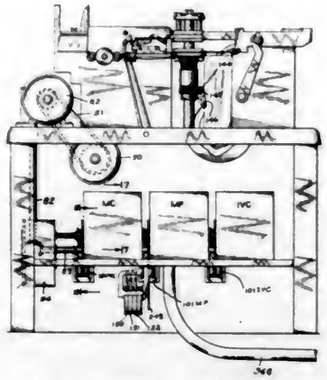
RECORD CONTROLLED ACCOUNTING MACHINE

James W. Bryce, Bloomfield, N. J., and George F. Daly, Johnson City, and James M. Cunningham, Endicott, N. Y., assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application August 1, 1931, Serial No. 554,490
48 Claims. (Cl. 235—92)

1. A record controlled calculating machine

which is adapted to multiply factor data derived from records, said machine having means for handling a series of records arranged in groups and passing the records in succession through the machine, each of said groups of records being separated by distinctive master cards, each master card having an identifying characteristic to show that it is a master card, means for sensing



the cards to determine whether or not a passing card is a master card by sensing said identifying characteristic, means controlled by the last mentioned means for reading from each master card a factor of the to be performed computation, and means for multiplying such factor by another factor derived from each of the succeeding cards in succession.

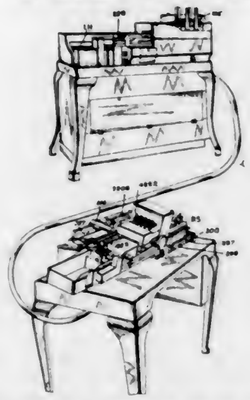
2,062,118

ACCOUNTING MACHINE WITH SUPPLEMENTAL RECORDER

James W. Bryce, Bloomfield, N. J., and George F. Daly, Johnson City, N. Y., assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application July 19, 1932, Serial No. 623,354

27 Claims. (Cl. 235—92)



1. An accounting machine including a pair of record handling machines, each of which feeds records one at a time and each successively index point column by index point column, record reading means in both machines, comparing means under the control of the record reading means of both machines, and supplemental inter-locking control means acting between both machines and cooperating with said comparing means to keep cyclic synchronization of operation of both machines.

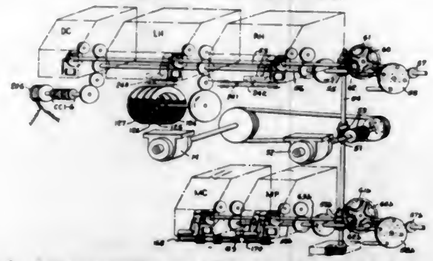
2,062,119

SUCCESSIVE DISCOUNT ACCOUNTING MACHINE

James W. Bryce, Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application October 15, 1932, Serial No. 637,948

29 Claims. (Cl. 235—92)



1. An accounting machine for taking discounts, including a multiplicand receiving device, a series of multiplier receiving devices, means for multiplying the multiplicand by the complement of the first of the multipliers, a product receiving device receiving the result of the foregoing multiplication, means for automatically resetting the multiplicand receiving device upon the completion of the problem corresponding to the multiplicand set up, means for entering the product just secured into the multiplicand receiving device, and means for thereafter initiating a new multiplication involving such product and the complement of another multiplier.

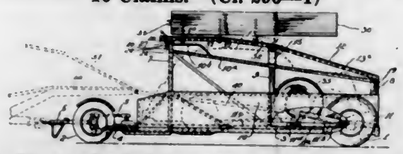
2,062,120

TRANSPORT VEHICLE CONSTRUCTION

Eugene J. Dondlinger, Chicago, Ill.

Application March 7, 1936, Serial No. 67,591

16 Claims. (Cl. 296—1)



1. In a wheeled conveyance for motor cars and the like, in combination, a frame including a super-structure comprising a pair of transversely spaced side frames, a pair of transversely spaced vehicle-supporting tracks, and means by which said tracks are carried on the respective side frames comprising arms extending in a substantially horizontal plane and each connected to one of the side frames for rotation about a vertical axis, together with a vertical pivot by which the arm is connected to the track at a distance from said vertical axis, whereby each of the tracks may be shifted laterally from one position into a substantially parallel position by rotating the arm about the said vertical axis.

15. In a wheeled conveyance for motor cars and the like, a frame and a pair of transversely spaced vehicle-supporting tracks thereon, each track including a hinged section adapted to be swung into inclined position and an adjoining track section with a hinged terminal adapted to be swung into position to brace the inclined section.

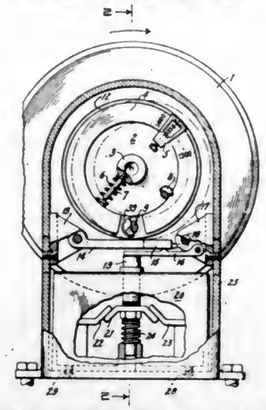
2,062,121

OVERSPEED SWITCH

Howard M. Edmunds, New York, N. Y., assignor to Crocker-Wheeler Electric Manufacturing Company, Ampere, N. J., a corporation of New Jersey

Application February 18, 1936, Serial No. 64,451

5 Claims. (Cl. 200—80)



1. A speed control device comprising, a shaft adapted to rotate, a member pivoted to rotate with said shaft, the mass of said member being uniformly and symmetrically distributed with respect to the point of pivot thereof whereby said member is balanced with respect to said shaft, a stop pin, means holding said member normally against said stop pin with the geometric axis of said member co-incident with the axis of said shaft, means for unbalancing and adjusting the degree of unbalance of said member about the pivot point thereof, and a speed controlling mechanism adapted to be operated by said member when said member during the rotation thereof has by centrifugal force because of the unbalance thereof been moved a predetermined degree about the pivot point thereof.

2,062,122

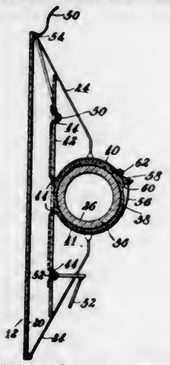
METHOD AND MEANS FOR MAKING A PHOTOSENSITIVE DEVICE

Sanford F. Essig, Philadelphia, Pa., assignor to Radio Corporation of America, a corporation of Delaware

Application June 27, 1934, Serial No. 732,570

Renewed February 6, 1936

15 Claims. (Cl. 250—27.5)



1. A photosensitive device comprising a tube provided with electrodes one of which is photosensitive, an agent disposed on an interior surface of said tube and capable of absorbing photosensitive material, means covering the surface containing said agent to isolate the same against absorbing action with respect to said material, and means for removing said covering means to expose said agent to the atmosphere within said tube.

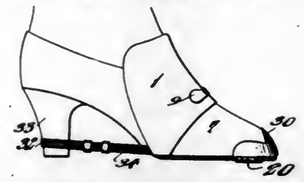
2,062,123

SHOE PROTECTING DEVICE

Zelma R. Everett and Karl F. V. Nygaard, Philadelphia, Pa.

Application October 25, 1935, Serial No. 46,657

1 Claim. (Cl. 36—72)



A composite shoe protecting device comprising an instep portion having a slot in the forward part thereof and having end tabs, an elastic fastening strap extending from said tabs rearwardly to engage the heel of the shoe, a vamp portion having a notch in the forward edge thereof and having its rear edge underlapping the forward edge of said instep portion, a tongue formed on the rear edge of said vamp portion and adapted to engage the slot in the forward edge of said instep portion, rear end tabs on said vamp portion secured to the end tabs of said instep portion, a toe portion having an upward extension adapted to cover the said notch, and end tabs on the forward end of said vamp portion adhesively secured in overlapping relation to each other, said instep, vamp and toe portions being formed of thin decorative sheet material.

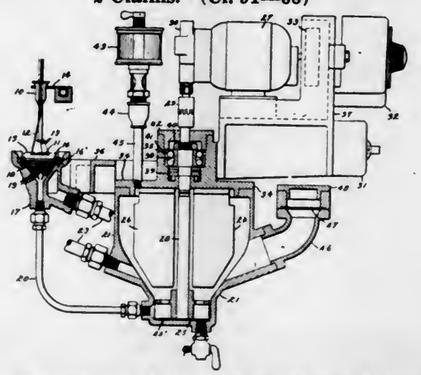
2,062,124

METHOD OF COATING FILAMENTS AND SIMILAR ARTICLES

John Flaws, Jr., Cleveland Heights, Ohio, assignor to General Electric Company, a corporation of New York

Application April 1, 1932, Serial No. 602,569

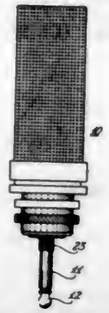
2 Claims. (Cl. 91—68)



1. The method of applying getter to a filament for an incandescent electric lamp or similar article which consists in suspending the mount, comprising a stem tube, a filament located in a plane substantially normal to said stem tube and sup-

ports extending from said stem to said filament, so that said filament is lowermost and then causing a jet of getter solution to play from below substantially on said filament only.

2,062,125
MICROPHONE PLUG
Everette M. Foster, Cedar Rapids, Iowa, assignor to The Turner Company, Cedar Rapids, Iowa, a corporation of Iowa
Application April 17, 1935, Serial No. 16,786
3 Claims. (Cl. 179—189)



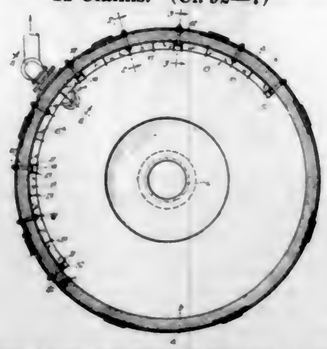
2. In combination a microphone, a standard for supporting the microphone, means for engaging the microphone on the standard and for electrically connecting the microphone to the standard comprising a plug on the microphone and a jack in the standard, the jack having a thimble adapted to receive the plug, and means for locking the microphone on the standard comprising female threads on the thimble and male threads on the barrel of the plug.

2,062,126
VALVE MECHANISM FOR CONTROLLING A DRIER
George M. Gibson, Waterloo, Iowa, assignor to National Metal Products Company, Waterloo, Iowa, a corporation of Iowa
Application January 27, 1934, Serial No. 708,640
5 Claims. (Cl. 121—46.5)



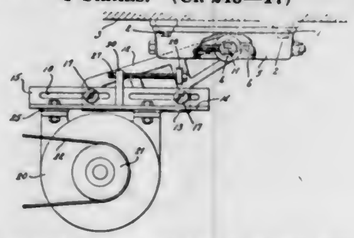
1. In a device of the class described, a casing provided with a pressure chamber having inlet and outlet passages; a sleeve supported in the outlet passage to slide toward or from said pressure chamber, its inner end having a valve seat; yieldable means for imparting movement to said sleeve toward said pressure chamber; a valve rod mounted through said sleeve and passages; an exhaust valve carried by said rod adapted to first close said outlet passage upon movement of said rod in one direction; an inlet valve also carried by said rod to close the inlet passage on further movement of said rod in the same direction; yieldable means for moving said rod to closed position; a third valve carried by said rod for closing the inlet passage with exhaust valve open when the rod is moved in the opposite direction; and manually operated means for controlling the opening and closing movements of said rod.

2,062,127
STRAINER FOR PULP DIGESTERS
Herbert W. Guettler, Glencoe, and Clarence J. Christiansen, Evanston, Ill., assignors to Fibre Making Processes, Inc., Chicago, Ill., a corporation of Illinois
Application February 12, 1936, Serial No. 63,494
11 Claims. (Cl. 92—7)



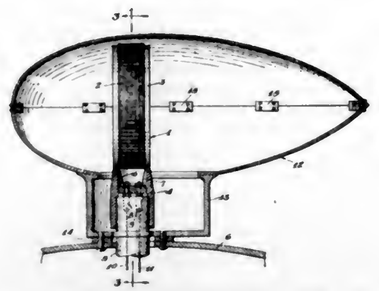
1. In combination, a digester, and a substantially horizontal strainer supported within said digester in close proximity to the inner face thereof and conforming in contour thereto, said strainer being of triangular cross-section and having its upper surface flat and inclined downward and inward of said digester, and its lower surface flat and inclined downward and outward of said digester.

2,062,128
PIVOTAL MOUNTING FOR PULLEY STRUCTURES
William D. Hamerstadt, Indianapolis, Ind., assignor to General Fibre Products, Incorporated, Indianapolis, Ind., a corporation of Indiana
Application August 16, 1935, Serial No. 36,444
4 Claims. (Cl. 248—17)



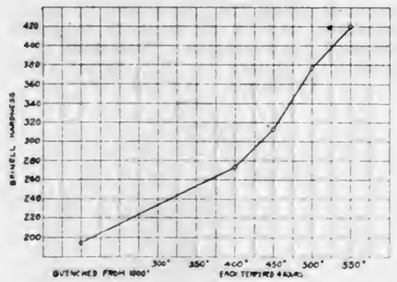
1. A pivotal mounting for a pulley structure, said mounting comprising a base adapted to be rigidly secured to a suitable support, and a pulley structure carrier including bracket means pivotally associated with said base, supporting means adapted to have a pulley structure rigidly secured thereto, and securing means for adjustably securing said supporting means to said bracket means, said bracket means being provided with seat means projecting therefrom and on which said supporting means seats, said seat means being independent of said securing means.

2,062,129
LOOP ANTENNA
Edward J. Hefele, Amityville, N. Y.
Application November 5, 1935, Serial No. 48,300
5 Claims. (Cl. 250—33)



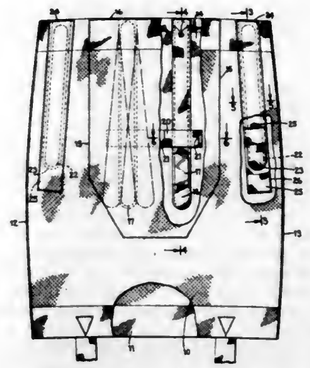
1. In a directional radio system for a high velocity vehicle, a loop antenna system, said loop antenna being less than twelve inches in width, having electrical characteristics to produce an effective electrical height substantially of the order of the effective electrical height of a loop antenna having a width substantially greater than twelve inches, and a protective housing having streamline characteristics for said antenna, said housing having correspondingly small dimensions.

2,062,130
HEAT TREATABLE NICKEL-BERYLLIUM ALLOYS
Werner Hessenbruch, Hanau-on-the-Main, Germany, assignor to Heraens-Vacuumschmelze, A. G., Hanau-on-the-Main, Germany
Application March 23, 1935, Serial No. 12,586
In Germany March 24, 1934
3 Claims. (Cl. 75—170)



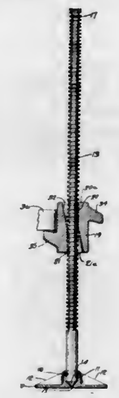
1. A nickel base alloy containing beryllium from a substantial amount above a trace to less than 2.5%, and titanium from about .5% to about 10%, said alloy being characterized by capacity to harden by heat treatment to increasing degrees of hardness in accordance with the temperature of heat treatment, and further being characterized by capacity to maintain hardness imparted by heat treatment even when heat treated for an extended period of time.

2,062,131
GARMENT
Joseph Hirsch, New York, N. Y., assignor to Kops Brothers Inc., New York, N. Y., a corporation of New York
Application November 29, 1935, Serial No. 51,984
2 Claims. (Cl. 2—37)



1. In a garment of the class described a section of fabric at the front of the garment capable of stretching up and down on the wearer, a plurality of vertically disposed stays each having one end secured to said section and having its other end free to move relative to said section, a single piece of elastic fabric secured to said section over said stays to provide a large pocket enclosing said stays and permitting lateral movement of said other end of each stay within the pocket, and means within said pocket for limiting said lateral movement to less than the range permitted by the size of said pocket.

2,062,132
LIFTING JACK
Sidney W. Jordan, Cleveland, Ohio
Application June 20, 1936, Serial No. 86,227
5 Claims. (Cl. 254—100)



1. A jack comprising a rotatable screw, and a jack block thereon, the block having an enlarged bore with oppositely disposed thread sections at opposite ends thereof, the sections of the bore opposite the threads being enlarged to permit the block to be tilted to engage or disengage the threads from the screw.

2,062,133
RUTILE PIGMENTS AND PROCESS OF MAKING THE SAME
Paul Kubelka, Prague, and Josef Srbek, Aussig-on-the-Elbe, Czechoslovakia, assignors, by mesne assignments, to E. I. du Pont de Nemours and Company, a corporation of Delaware
No Drawing. Application February 20, 1932, Serial No. 594,384. In Germany March 20, 1931
13 Claims. (Cl. 23—202)

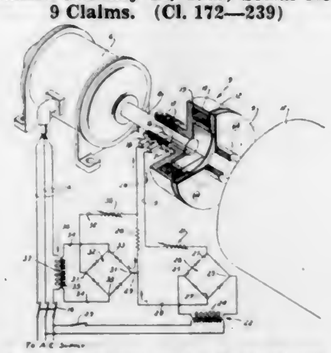
7. In a process of hydrolyzing a titanium chloride solution in the presence of a seed, the steps of providing a titanium solution of a pH value below 3.5, heating said solution while coordinating the degree of said heating with said pH value to precipitate a seed which when added to said titanium chloride solution initiates hydrolysis therein on heating to hydrolyzing temperatures with visible seed particles remaining in said mixture until precipitation starts and which will produce a substantial hydrolysis in a short time and then adding said seed to said original titanium chloride solution and heating said mixture to effect hydrolysis.

10. In a process of producing a titanium dioxide pigment of rutile crystal form and of a whiteness at least 91% that of standard magnesium oxide, the step of heating to pigment forming temperatures a precipitated hydrated titanium oxide which, on X-ray analysis, shows among the TiO_2 diffraction patterns that of rutile only.

2,062,134
RUTILE PIGMENTS
Paul Kubelka, Prague, and Josef Srbek, Aussig, Czechoslovakia, assignors, by mesne assignments, to E. I. du Pont de Nemours and Company, a corporation of Delaware
No Drawing. Original application February 20, 1932, Serial No. 594,384. Divided and this application September 8, 1933, Serial No. 688,655. In Germany March 20, 1931
17 Claims. (Cl. 23—202)

1. A pigment comprising a precipitated and heat treated titanium dioxide pigment of a whiteness at least 91% that of standard magnesium oxide, said TiO_2 showing under X-ray analysis among the diffraction patterns of TiO_2 that of rutile only.

2,062,135
CONTROL FOR ELECTRIC CIRCUITS
Edgar D. Lilja, Rockford, Ill., assignor to Howard D. Colman, Rockford, Ill.
Application January 11, 1935, Serial No. 1,289
9 Claims. (Cl. 172—239)



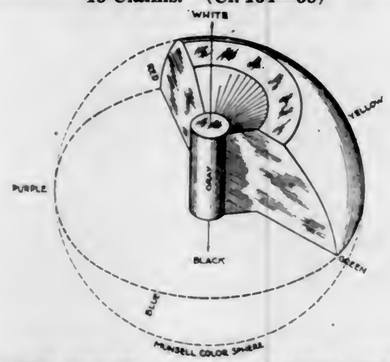
2. The combination of an alternating current motor having an energizing circuit, a mechanical power transmission mechanism having driving and driven members and an electric energizing winding, said driving member being driven by said motor, means providing a source of direct current, a circuit through said source and the winding of said mechanism including a resistance element, a transformer having a primary winding energized from said motor circuit, and a rectifier having its input terminals connected to the secondary winding of said transformer and its output terminals respectively connected to the terminals of said resistance element.

2,062,136
SPEED SYNCHRONIZING DEVICE
Eugene F. Marresford, Brooklyn, N. Y., assignor to National Biscuit Company, New York, N. Y., a corporation of New Jersey
Application March 20, 1934, Serial No. 716,466
25 Claims. (Cl. 74—395)



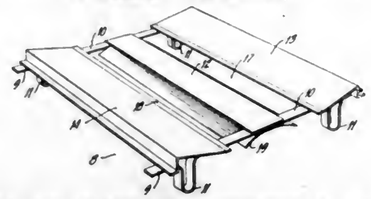
1. In a speed synchronizing device, the combination of delivery and receiving conveyors, independent driving means for each conveyor, and control means for maintaining a constant speed ratio and registry between said conveyors comprising a variable speed drive between one of said driving means and its conveyor, a differential gear having a casing normally in a definite neutral position but displaced from its neutral registry by variations in the relative speeds or position of said conveyors, driving connections from said conveyors to the respective sides of said differential gear, said driving connections being such that said conveyors are in registry when said casing is in neutral position, means controlled by displacement of said casing to adjust said variable speed drive to correct the relative speeds of said conveyors and means to return said differential casing to its neutral position and said conveyors into registry.

2,062,137
COLORED TITANIUM DIOXIDE PIGMENTS
Robert M. McKinney and Carlton E. Smith, Linthicum Heights, Md., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company, a corporation of Delaware
Application January 11, 1935, Serial No. 1,284
15 Claims. (Cl. 134—58)



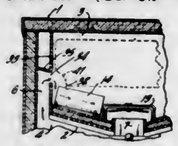
1. The process of making a tinted titanium dioxide pigment which comprises calcining at a temperature of at least 800° C. an intimate mixture of a compound selected from the group consisting of titanium dioxide and hydrated titanium dioxide with a predetermined minor amount of a compound of a metal of the group consisting of chromium and vanadium.

2,062,138
REFRIGERATOR
Harry L. Merrill, Nashua, N. H.
Application January 6, 1936, Serial No. 57,673
2 Claims. (Cl. 62—46)



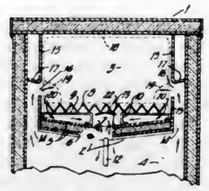
1. An ice refrigerator comprising a cabinet, a transverse partition subdividing said cabinet into an ice compartment above and a storage compartment below and provided with a central opening therein for the down flow of cold air from the ice compartment to the storage compartment, an ice support comprising two, opposite, side elements having upper surfaces downwardly inclined toward said central opening, and a central element extending across said opening and spaced from said side elements to provide openings through which substantial areas of ice on said support will be exposed; said elements cooperating with said partition to form air passages therebetween communicating with said central opening and with said ice compartment at the sides thereof and also through the openings between said central and side elements; means for conducting warm air upwardly from said storage compartment in separate streams at opposite sides of said compartment and discharging said streams directly against opposite sides of a body of ice on said support and in zones just above the zones of communication of said air passages with said ice compartment at the sides; whereby to effect a relatively rapid melting of the opposite, lower side portions of said ice body adjacent said support, a progressive settling of said body on said support, and a downward flow of said air streams into said passages due to the increase in density of the air by reason of its contact with the ice.

2,062,139
REFRIGERATOR
Harry L. Merrill, Nashua, N. H.
Application January 6, 1936, Serial No. 57,674
6 Claims. (Cl. 62—46)



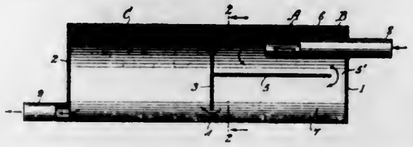
2. The method of refrigerating with a block of ice whereby to confine the progressive meltage thereof substantially to the lower portions of said block which comprises initially supporting the ice at oppositely disposed ends only, dividing a flow of air to be cooled into separate, substantially equal streams and directing said streams simultaneously into contact with the opposite ends of said ice at and about the zones of initial support whereby to effect a relatively high ice meltage rate in these zones and thus cause said block to settle so that its central bottom surface is substantially below the level of the original zones of support and also to effect an initial chilling of said air whereby to increase its density and effect a downward flow of said streams, and thereafter directing said streams towards each other and under said block of ice to a central zone of confluence while maintaining said flowing streams in high, heat-transfer-relation to the bottom of said ice.

2,062,140
REFRIGERATOR
Harry L. Merrill, Nashua, N. H.
Application March 25, 1936, Serial No. 70,741
6 Claims. (Cl. 62—46)



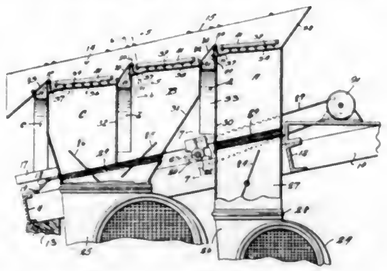
1. The method of refrigerating with a body of ice whereby to confine the progressive meltage thereof substantially to the lower portions of said body which comprises dividing a flow of air to be cooled into two, separate, substantially equal streams, directing said streams simultaneously into contact with opposite ends of said body in zones near the bottom thereof, whereby to effect an "undercutting" of said body in said zones and also to effect an initial chilling of the air to increase its density and effect a downward flow of said streams, and thereafter directing the flow of said streams beneath said body of ice to a central zone of confluence while maintaining said flowing streams in high, heat-transfer-relation to the bottom of said ice.

2,062,141
MUFFLER
Joseph Newman, Brooklyn, N. Y.
Application July 17, 1935, Serial No. 31,900
2 Claims. (Cl. 181—57)



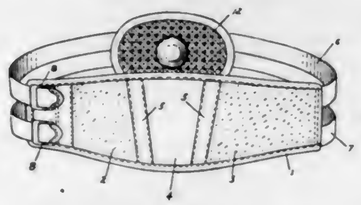
1. A muffler, including an elongated casing closed at its ends, a vertical partition at the center of the casing dividing the same into an entrance chamber at one end and an exhaust chamber at the other end, said partition having an opening or passage therethrough at the bottom of the casing, a horizontal partition wall extending from the vertical partition wall to a point near the entrance end of the casing and dividing the entrance chamber into upper and lower compartments, and an entrance tube communicating with the upper compartment of the entrance chamber, said exhaust chamber having an outlet in the lower portion of its closed end.

2,062,142
PNEUMATIC COAL CLEANER
Alwyn G. Oppy, Bedford, Pa.
Application March 2, 1933, Serial No. 659,370
14 Claims. (Cl. 209—466)



1. A coal cleaner including a pervious deck disposed at a gradually decreasing slant from its entrance to its discharge end, baffle rods extending at intervals transversely above the deck, in spaced relation thereto, the series of baffle rods following the contour of the deck, means for discharging air upwardly through the deck, and means for oscillating the deck, the pivotal center of oscillation being relatively adjacent the discharge end of the deck.

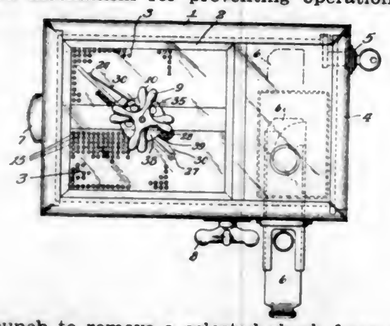
2,062,143
UMBILICAL TRUSS
Isaac M. Pease, Cincinnati, Ohio, assignor to The Ohio Truss Company, a corporation of Ohio
Application March 14, 1935, Serial No. 11,107
1 Claim. (Cl. 128—96)



An umbilical truss comprising a back section, two straps secured to one end of said back section, means on the other end of said section for detachably securing the other ends of said straps, transverse stays in said back section, a pad, a head mounted on said pad, said head being undercut to form a stem upon which the head is adapted to sway universally, channels through the body of said pad, said channels being disposed on opposite sides of the axis of said head and so as partially to underlie the overhang of said head, said channels being adapted to receive the respective straps for mounting said pad.

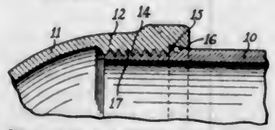
2,062,144
GAME DEVICE
George E. Perry, Chicago, Ill.
Application May 27, 1935, Serial No. 23,584
15 Claims. (Cl. 273—139)

1. A game device comprising means for immovably supporting a punch board having a plurality of check-holding perforations therein, a punch, means for moving the punch to a position in front of any selected perforation of a punch board held in a fixed position by the support, and token-controlled mechanism for preventing operation of



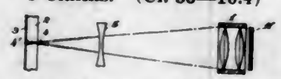
the punch to remove a selected check from the punchboard until a token has been deposited.

2,062,145
PIPE FITTING
George B. Pickop, New Haven, Conn., assignor to The New Haven Vibrator Company, Inc., New Haven, Conn., a corporation of Connecticut
Application December 9, 1935, Serial No. 53,476
2 Claims. (Cl. 285—145)



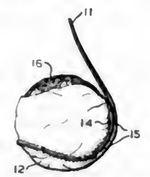
1. A hollow pipe fitting to receive a threaded pipe, said pipe fitting having an internally threaded portion terminating short of the end thereof and having an internal recess between said end and the adjacent end of the threaded portion, the meeting line of the peripheral wall of the recess and the end wall of the fitting forming a relatively sharp edge defining the pipe receiving opening, and said opening being slightly smaller than the outside diameter of the cooperating pipe.

2,062,146
OPTICAL LENS SYSTEM FOR LENTICULAR FILMS
Kurt Räntsch, Berlin-Teltow (Seehof), Germany, assignor to Opticolor Aktiengesellschaft, Glarus, Switzerland, a corporation of Switzerland
Application August 17, 1933, Serial No. 685,505
In Germany August 27, 1932
3 Claims. (Cl. 88—16.4)



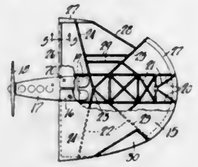
1. In an optical system, a film comprising a base having on one side thereof a multiplicity of parallel cylindrical lenticulations and having an emulsion on the other side thereof, a spherical lens cooperating with a lenticulation to form an image in said emulsion back of said lenticulation, and an auxiliary cylindrical lens spaced from said film and disposed between the film and said spherical lens and cooperating with said lenticulation to cause all light passing therethrough to focus substantially on one plane, thereby forming an image in the emulsion of equal sharpness when considered in a direction parallel to a lenticulation and in a direction at right angles thereto.

2,062,147
BASEBALL AND METHOD OF MANUFACTURING SAME
Eli A. Robinson, Amsterdam, N. Y., assignor to Collette Manufacturing Company, Amsterdam, N. Y., a corporation of New York
Application July 25, 1935, Serial No. 33,007
5 Claims. (Cl. 273—60)



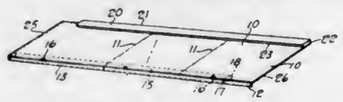
1. The method of covering ball centers with a tight-fitting machine sewed cover made of suitably formed pieces of leather, comprising soaking the pieces of said leather cover in water until they are soft and stretchy, simultaneously stitching and sewing on a sewing machine said leather pieces together about a ball center, steaming the ball thus made to shrink the cover to the center, drying the ball, and thereafter tumbling the same to finish the seams and outside surface of the cover.

2,062,148
AIRCRAFT
Cloyd L. Snyder, South Bend, Ind.
Application May 27, 1935, Serial No. 23,730
7 Claims. (Cl. 244—117)



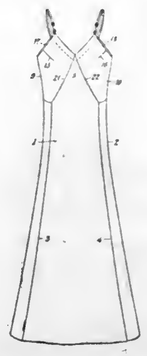
1. An aircraft comprising an airfoil of low aspect ratio having a leading edge and a trailing edge curving from end to end of said leading edge, a longitudinal cabin projecting vertically from the center of said airfoil, and means for reinforcing said airfoil and cabin comprising a rigid marginal airfoil frame, a central longitudinal spar structure secured at its ends to said frame, and a plurality of symmetrically arranged spars secured to said frame at the outer ends thereof and converging to the center of lift of the aircraft for rigid connection with said central spar and with each other.

2,062.149
COMPOSITION ROOFING
Gerald R. Stark, Old Greenwich, Conn., and James Avery Main, New York, N. Y., assignors to The Patent and Licensing Corporation, New York, N. Y., a corporation of Massachusetts
Application December 5, 1934, Serial No. 756,010
14 Claims. (Cl. 108—7)



1. As an article of manufacture, a shingle unit comprising a strip of flexible waterproof felt base material having one of its longitudinal edges bent to form a lip and a substantially rigid lath secured to the underside of said strip in the angle formed by said lip and having one of its ends co-terminous with an end edge of said strip.

2,062,150
SLIP
Victor L. Sussberg, New York, N. Y., assignor to Sussberg & Feinberg, Inc., New York, N. Y., a corporation of New York
Application December 14, 1935, Serial No. 54,474
1 Claim. (Cl. 2—73)

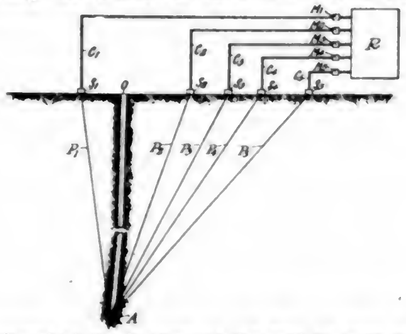


A slip of the character described including a front panel, a rear panel and a pair of identically shaped top panels, said front panel having an A-shaped extension at the top with the base of the extension as wide as the upper end of the panel, said front panel being of greater length than said rear panel and approximately half the width thereof whereby the rear panel extends across the sides to the front, said rear panel at the upper end having arc-shaped edge portions meeting at the center of the panel and forming an A-shaped extension at the center of the top of the panel, said arc-shaped edge portions extending to the side edges of the panel and present substantially horizontally extending portions adjacent the side edge of the panel, seams for securing said front and rear panels together along their longitudinal edges, said top panels being generally arc-shaped in formation with arc-shaped side edges and V-shaped ends, said top panels being connected along their arc-shaped side edges to the arc-shaped edge portions at the upper end of said rear panel and one edge portion of each V-shaped end to a side edge of said A-shaped extension on the upper end of said front panel and forming at the front breast pockets and at the sides and rear covering members.

2,062,151
METHOD OF MAKING SUB-SURFACE DETERMINATIONS
Benjamin B. Weatherby, Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y., a corporation of New Jersey
Application November 16, 1934, Serial No. 753,293
9 Claims. (Cl. 181—0.5)

1. The method of making sub-surface determinations which comprises arranging wave detectors on the earth's surface at unequal distances from the mouth of a well bore, operating a drilling tool at the bottom of said bore with

consequent production of seismic waves and recording the arrival at said detectors of waves



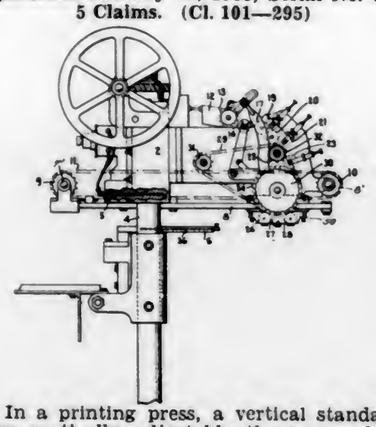
produced at the bottom of the well by said drilling tool.

2,062,152

PRINTING PRESS

Nelson S. Welk, Athens, Ohio, assignor to The McBee Company, Athens, Ohio, a corporation of Ohio

Application January 24, 1935, Serial No. 3,201
5 Claims. (Cl. 101—295)



1. In a printing press, a vertical standard, a platen vertically adjustable thereon, a heated type bed, an inking mechanism comprising an ink fountain, an ink fountain roller, a ductor roller, vibrating and distributing rollers, a rotating ink cylinder, form rollers which contact said ink cylinder, means to positively drive all of said rollers, means to reciprocate said form rollers across the said type bed, said means comprising a pair of horizontal guides on which said form rollers are slidable, a sprocket at each end thereof, a chain on said sprockets, said form rollers being secured to said chain whereby its movement will move said form rollers.

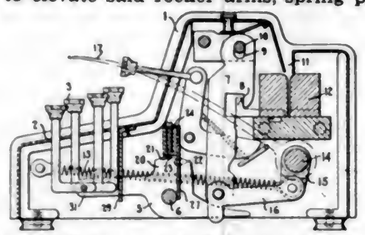
2,062,153

KEY PUNCH

Nelson S. Welk and Donald A. Nevin, Athens, Ohio, assignors to The McBee Company, Athens, Ohio, a corporation of Ohio

Application September 14, 1935, Serial No. 40,580
7 Claims. (Cl. 164—112)

1. In a device of the character described, a plurality of rocker arms, a shaft on which they are mounted to permit pivotal and vertical movement of each rocker arm, punches actuated by the swinging of said rocker arms, a plurality of selective keys to designate certain predetermined punches to be actuated by certain of said rocker arms, means actuated by the movement of said keys to elevate said rocker arms, spring pressed



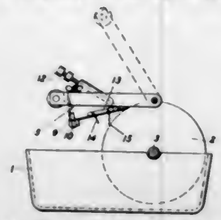
means which engage and hold said elevating means in position, positive means to prevent the depression of one key carrying with it an adjacent key, and means to perform a repeat operation.

2,062,154

CARBON FLOW ADJUSTING ATTACHMENT FOR ROTARY WEB PRINTING PRESSES

Nelson S. Welk, Athens, Ohio, assignor to The McBee Company, Athens, Ohio, a corporation of Ohio

Application September 14, 1935, Serial No. 40,581
7 Claims. (Cl. 101—365)



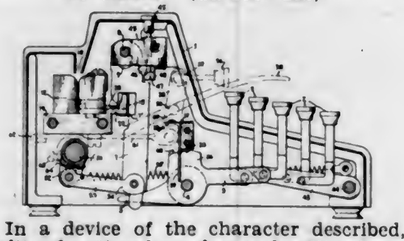
1. In a press for printing spots of wax carbon on paper having an ink fountain and an ink fountain roller; an adjusting unit for defining the flow of the wax carbon, comprising an adjusting blade formed of a plurality of strips of metal, one end of which contacts said ink fountain roller, a blade abutment piece to which said strips are secured, a plurality of screws in said piece the ends of which contact said strips adjacent said roller and an electric heating element mounted on said strips intermediate them and the abutment piece.

2,062,155

DOUBLE ROW KEY PUNCH

Nelson S. Welk and Donald A. Nevin, Athens, Ohio, assignors to The McBee Company, Athens, Ohio, a corporation of Ohio

Application October 2, 1935, Serial No. 43,194
20 Claims. (Cl. 164—112)



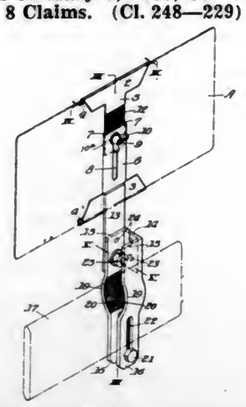
1. In a device of the character described, a plurality of sectional punches, a plurality of punch actuators, a pair of key actuator levers for each punch actuator, one for each section of said punches, whereby said punch actuators can be moved into position to actuate one or both sections of said sectional punches.

2,062,156

LICENSE PLATE HOLDER

Herbert J. Zerbst, Pittsburgh, Pa.

Application January 9, 1936, Serial No. 58,286
8 Claims. (Cl. 248—229)



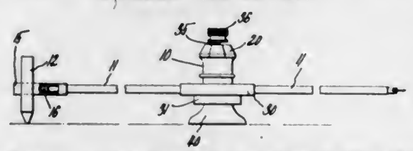
1. A license plate holder consisting of an upper sheet metal member having a bent over edge portion providing a front upper grasping groove and a rear integral downwardly extending shank, a lower sheet metal member having a similar bent over edge portion providing a front lower grasping groove and a rear integral upwardly extending overlapping shank telescoping said downwardly extending shank, means connecting said shank members providing longitudinal adjustment thereof, and a supporting arm extending from one of said members.

2,062,157

BEAM COMPASS

Ernest Benshimol, Arlington, Mass.

Application December 12, 1934, Serial No. 757,186
1 Claim. (Cl. 33—27)



A beam compass comprising a base with a friction surface adapted to be pressed against a surface to be operated on, a rotatable spindle projecting from said base at right angles to said friction surface, a hollow sleeve extending through said spindle parallel to said friction surface, a screw threaded lengthwise through said spindle to bear against a portion of said sleeve, a beam slidable in said sleeve, a finger piece on the outer end of said screw operable to bind said portion of the sleeve against said beam, and a hollow knob rotatably surrounding said spindle.

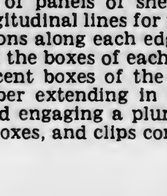
2,062,158

PORTABLE AIR CONDITIONING APPARATUS

Max Berlowitz, Berlin, Germany

Application March 16, 1934, Serial No. 715,807
In Germany March 16, 1933
6 Claims. (Cl. 261—91)

1. Portable air-conditioning, and in particular, air cooling, apparatus, comprising the combination of a casing arranged with its axis vertically, provided at its bottom with a liquid reservoir, and having air inlet and outlet openings; a motor-driven fan within said casing positioned for moving a current of air through said casing from said inlet to said outlet, said inlet and outlet being positioned such that the induction zone, adjacent said inlet, from which air is drawn into said casing and the exhaust zone, adjacent said outlet, into which air is expelled from said casing do not interpenetrate; a hollow perforated container packed with filling bodies having a large aggregate surface area, so positioned that all the air driven through the apparatus by said fan must pass through said container and come into contact with the surfaces of said filling bodies;



a centrifugal pump, driven by the fan motor and arranged co-axially with said fan, for raising liquid from said reservoir and discharging it onto said filling bodies, the arrangement of said container and said pump being such that all the liquid delivered by said pump from said reservoir is discharged onto said filling bodies in said container and descends over their surfaces to thereby form liquid films of large aggregate surface area, said pump being adapted to irrigate said filling bodies with a quantity of liquid substantially in excess of that required for evaporation by exchange of heat with the incoming air current; said pump, container and casing being arranged concentrically, with said pump innermost.

2,062,159

DISPERSIBLE CARBON BLACK

Alfred A. Brizzolara, New York, N. Y., Edwin L. Duhring, Plainfield, and Archibald M. Erskine, Chatham, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours and Company, a corporation of Delaware

No Drawing. Application May 18, 1934, Serial No. 726,288
1 Claim. (Cl. 134—58)

Carbon black containing from about 1 to 10% adsorbed naphthenate of one of the metals of the group consisting of magnesium, calcium, barium and strontium, the adsorbed naphthenate improving the color, luster and gloss of the carbon black.

2,062,160

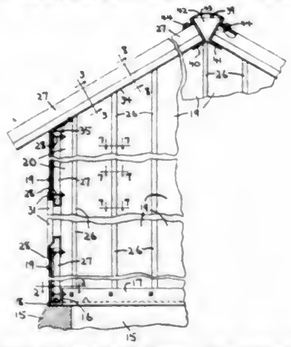
BUILDING CONSTRUCTION

Raymond M. Calkins, Deerfield, and James W. Swank, Chicago, Ill.

Application December 22, 1934, Serial No. 758,843
17 Claims. (Cl. 189—1)

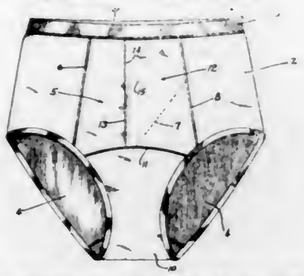
1. In a building construction, the combination of a plurality of panels of sheet material each bent along longitudinal lines for providing a series of flange portions along each edge in the form of a box and with the boxes of each panel interfitted with the adjacent boxes of the adjacent panels, a frame member extending in cross relation to said panels and engaging a plurality of said sets of interfitted boxes, and clips connected with said

frame member at intervals therealong and having gripping engagement respectively with different



sets of said interfitted boxes for clamping them rigidly in position.

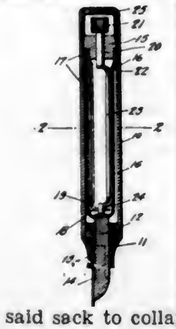
2,062,161
GARMENT
Franklin Chatfield, Minneapolis, Minn., assignor to The Munsingwear Corporation, Minneapolis, Minn., a corporation of Minnesota
Application May 25, 1935, Serial No. 23,396
5 Claims. (Cl. 2—224)



1. In a garment of the character described a body portion having a crotch and leg openings, and overlapping front sections extending upwardly from a point above the crotch to the waist line of the garment, said front sections being stitched together along their top edges and along their bottom edges, the overlying front section having an upwardly extending side edge, the upper portion of said edge being stitched to the underlying section and the lower portion of said edge being free, the underlying front section having a free edge portion extending diagonally upward opposite the free side edge portion of the overlying section to a point opposite the bottom of the stitching along the upper side edge portion of the overlying section, the edge of the upper part of the underlying section above the free diagonal edge portion being stitched to the overlying section, the respective free edge portions of the overlapping sections defining a concealed fly opening.

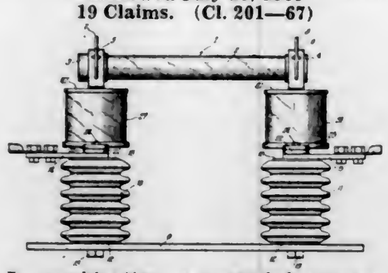
2,062,162
FOUNTAIN PEN
Louis Chayka, Detroit, Mich.
Application July 20, 1935, Serial No. 32,463
6 Claims. (Cl. 120—46)

1. A fountain pen comprising an ink carrying barrel a grooved feeding bar and a penpoint set at one end thereof, a normally collapsed expansible sack open at one end, set at the other end of the barrel and extending substantially the whole length of the barrel, tangible mechanical means within said sack, operable from without to cause the sack to expand to occupy substantially the whole space of the barrel and in turn



to cause the said sack to collapse to its original shape.

2,062,163
RESISTANCE UNIT AND MOUNTING THEREFOR
Nicholas J. Conrad, Winnetka, Ill., assignor, by mesne assignments, to Schweitzer & Conrad, Inc., Chicago, Ill., a corporation of Delaware
Application December 31, 1927, Serial No. 244,015
Renewed July 18, 1935
19 Claims. (Cl. 201—67)

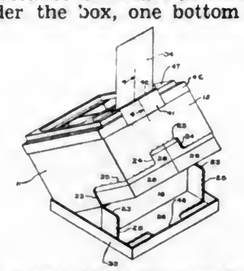


3. In combination, a grounded support, two high voltage insulators mounted thereon, a resistance unit mounted on each insulator in axial alignment therewith and insulated from ground thereby, a line clip at one end of each resistance unit, and switching means including a fuse for electrically connecting and disconnecting the other ends of the two resistance units.

16. In a high tension protective resistor, the combination of a coiled resistor, a body of insulation grooved to receive said coiled resistor, the insulator having an opening extending endwise into the end face thereof, a metallic insert bonded to the side walls of said opening and having a portion forming a flat end face and having a portion providing a terminal to which the end of said coiled resistor may be attached, said terminal being confined substantially within the radial confines of the insulator, a glass sleeve disposed concentrically about the insulator, and a metallic head member for engaging the end of the glass sleeve and centering the same, said head member being clamped to the said metallic insert.

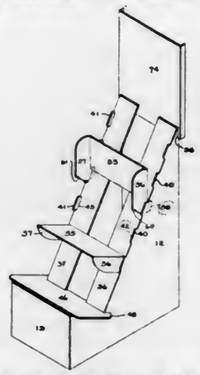
2,062,164
CARTON
Bruce J. Davidson, Kew Gardens, N. Y., assignor to National Biscuit Company, New York, N. Y., a corporation of New Jersey
Application June 23, 1934, Serial No. 732,040
10 Claims. (Cl. 206—44)

1. A display carton having a box body and a removable flanged cover, a support defined on the box body by a weakened line and connected to the bottom by a hinged connection, said support on severance of said weakened line being turned under the box, one bottom edge of the



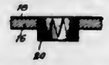
box being engageable with one flange on the cover when removed and reversed and said support being engageable with the opposite flange on the cover to support the box in inclined position.

2,062,165
DISPLAY STAND
Bruce J. Davidson, Kew Gardens, N. Y., assignor to National Biscuit Company, New York, N. Y., a corporation of New Jersey
Application January 9, 1935, Serial No. 972
10 Claims. (Cl. 211—137)



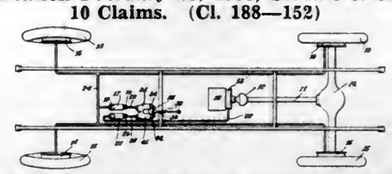
1. A display card having a rectangular base, the opposite sides having sloping edges terminating substantially at the top of the rear side, flanges extending inwardly from the sloping edges, there being spaced pairs of slots formed at the junction of the flanges and sides by cutting away material from said flanges, shelves having pairs of side brackets and rearwardly extending hooks, the hooks of each shelf engaging through a pair of slots with the edges of the brackets abutting the flanges.

2,062,166
GAME APPARATUS
Jean Delwiche, New York, N. Y.
Application November 1, 1935, Serial No. 47,881
1 Claim. (Cl. 273—118)



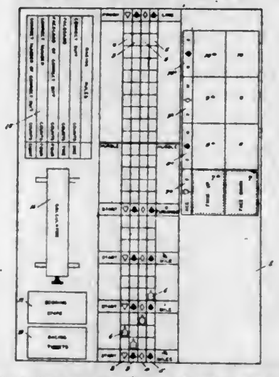
A game apparatus comprising a structure having a horizontal playing surface and resilient rails bounding the surface throughout, said structure also having a plurality of holes therethrough, each of which opens through said surface, downwardly projecting rubber tubular members in said openings of an internal diameter sufficiently large for the passage of a ball therethrough, and a plurality of gutters below said tubular members extending forwardly and downwardly and into which the tubular members direct balls passing therethrough, and numbered pockets communicating with the forward ends of said gutters respectively.

2,062,167
BRAKE SYSTEM FOR AUTOMOBILES
William Dieter, Newark, N. J.
Application February 26, 1936, Serial No. 65,749
10 Claims. (Cl. 188—152)



1. A brake system for automobiles embodying therein a propeller shaft, an hydraulic brake mechanism operative thereon, wheels, and an hydraulic brake mechanism operative upon each wheel, of a plurality of hydraulic control devices, one of said devices being connected with the hydraulic brake mechanism upon the propeller shaft, and the other hydraulic control mechanism being connected with the brake mechanisms of the wheels, and a mechanical control device embodying therein reciprocatory plungers operative upon said hydraulic control devices respectively, means simultaneously applying power to both of said plungers, and means resisting movement of each of said plungers by said last named means, one of said resistance means having relatively greater strength than the other, whereby said two hydraulic control devices will be successively actuated with a continued application of power to said mechanical control devices.

2,062,168
TOY HORSE RACING GAME
James L. Entwistle, Barrington, R. I.
Application March 13, 1935, Serial No. 10,785
2 Claims. (Cl. 273—86)



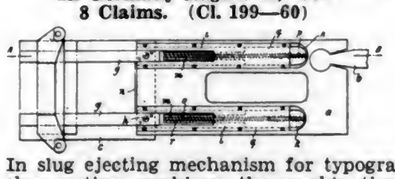
1. In a toy horse racing game, a game board having a playing surface, said surface having marked thereon four parallel lanes for toy horses, each identified with a different suit of playing cards and transversely divided into a plurality of units, a row of four squares marked on said surface on which the four hands of a bridge game are deposited, and a second row of four squares adjacent the first mentioned row and each identified by a different card and suit designation.

2,062,169

SLUG EJECTING MECHANISM OF TYPOGRAPHICAL SLUG CASTING MACHINES

Christian Augustus Albrecht, Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y., a company of New York

Application July 25, 1935, Serial No. 32,992
In Germany August 16, 1934
8 Claims. (Cl. 199—60)



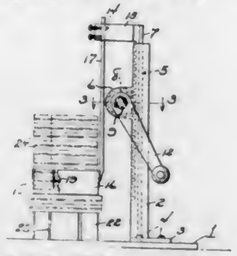
1. In slug ejecting mechanism for typographical slug casting machines, the combination of an ejector slide, a main ejector blade rigidly secured to the slide and operable by the actuation of the slide to eject a thin slug, and an auxiliary ejector blade disposed alongside the main ejector blade and operable conjointly therewith for the ejection of a thick slug, said auxiliary ejector blade being mounted on the slide with a capacity for yielding longitudinally relatively thereto during its actuation for the ejection of a thin slug.

2,062,170

SANDWICH CUTTING MACHINE

Jesse M. Forester, Pennington Gap, Va.

Application June 17, 1935, Serial No. 27,096
2 Claims. (Cl. 146—160)



1. In a sandwich slicing machine a base, a standard, a rack bar supported on the standard, said rack bar having at the upper end a laterally extending arm, a revoluble pinion on the standard engaging the rack bar, a cutting frame fixed to said arm, said cutting frame being provided with a diagonally disposed blade, and means for stripping the frame and blade of particles of bread and sandwich filler so that the frame and blade are automatically cleaned, comprising a stripper block on the base centered relatively to the cutting frame and of the same shape but sufficiently smaller to permit the cutting frame to descend around the block, the stripper block having formed therein a slot diagonally disposed in correspondence to the inclination of the cutting blade so that the latter may descend into the block.

2,062,171

PRODUCTION OF CRYSTALLINE PRODUCTS BY CONDENSING UREA AND FORMALDEHYDE

Nathaniel Fuchs, Linden, N. J., assignor, by mesne assignments, to Plaskon Company, Incorporated, a corporation of Delaware

No Drawing. Application November 7, 1932, Serial No. 641,691
8 Claims. (Cl. 260—3)

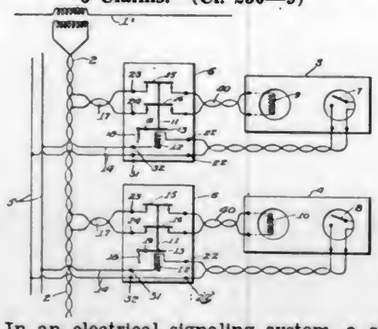
1. A process for the preparation of condensation products, which comprises heating a urea substance selected from the group consisting of urea and a mixture of urea and thiourea with formaldehyde in an aqueous medium in the presence of a small amount of a nitrite of the group consisting of alkali metal nitrites and alkaline earth metal nitrites.

2,062,172

MULTIPLE AERIAL SWITCH

Charles E. Gerhard, Philadelphia, Pa., assignor to Philco Radio & Television Corporation, Philadelphia, Pa., a corporation of Delaware

Application October 10, 1935, Serial No. 44,458
6 Claims. (Cl. 250—9)



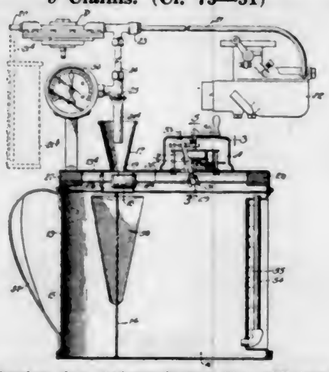
1. In an electrical signaling system, a source of electrical signals, a plurality of signal receiving devices, means for supplying electrical power to each of said signal receiving devices, and means associated with each of said devices and controllable by the power-supply means thereof, for selectively connecting a signal receiving device to said source when said device is energized and for disconnecting said source from said device when said device is deenergized.

2,062,173

APPARATUS FOR MEASURING THE FLOW OF AUTOMOBILE FUEL PUMPS

Butler J. Haskins, Chicago, Ill., assignor to Joseph Weidenhoff, Inc., Chicago, Ill., a corporation of Illinois

Application December 23, 1933, Serial No. 703,718
9 Claims. (Cl. 73—51)



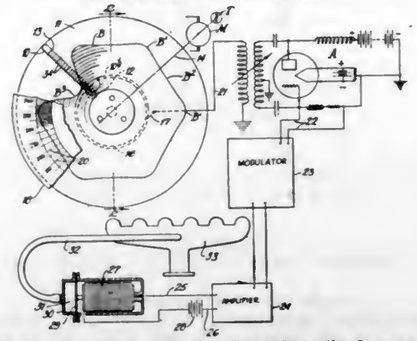
1. A device for determining the efficiency and operating characteristics of a fuel pump while it is supplying fuel to the carburetor of the engine to which it is operatively connected, comprising a valve controlled outlet communicating with the carburetor supply line whereby the fuel supply in excess of carburetor requirements at any selected motor speed may be diverted, a measuring device for receiving fuel diverted through said outlet, and time controlled means for maintaining said outlet in communication with said measuring device for a predetermined period.

2,062,174

ELECTRON DISCHARGE OSCILLOGRAPH

Butler J. Haskins and Ralph W. Reitherman, Chicago, Ill., assignors to Joseph Weidenhoff, Inc., Chicago, Ill., a corporation of Illinois

Application March 14, 1935, Serial No. 11,097
11 Claims. (Cl. 171—95)



8. In a device of the class described, a neon tube, an oscillator for exciting the tube by radio frequency carrier wave oscillations, means for superposing on the carrier wave an electrical impulse which is to be examined, means for rotating the neon tube about a fixed axis outside of the tube, the excitation of the tube being sufficient to light a part only of the tube whereby variations in the superposed impulse cause the lighted portion of the tube to vary in length, a scale graduated longitudinally of the tube, and a second scale graduated in degrees of arc about the axis of rotation.

2,062,175

METHOD OF MANUFACTURING INLAID WOOD ARTICLES

Frank H. Hartman, Norwood, Ohio

Application December 10, 1935, Serial No. 53,765
3 Claims. (Cl. 144—309)



1. The method of manufacturing inlaid articles consisting of the selection of cylinders of light and dark wood, boring out said cylinders, cutting said cylinders horizontally into collars, securing alternate light and dark collars together, cutting said assembled collars into segments, alternating said segments and securing them together to form a cylinder, inserting a base in said cylinder and turning the periphery of the cylinder to the desired shape.

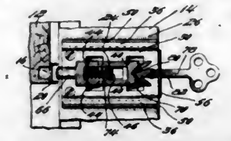
2,062,176

WINDOW LOCK

Charles E. Hennigan, Providence, R. I.

Application May 24, 1934, Serial No. 727,290
9 Claims. (Cl. 292—64)

9. In a window sash lock for upper and lower sashes with a side bar of the upper sash having a plurality of vertically aligned selective keeper means thereon, a casing adapted to be attached across the lower sash top bar having a rear wall having a key hole therein, a bolt having stop means on the side wall thereof and a rear end having a key engaging means thereon, said bolt being loosely slidably and laterally tiltably mounted within said casing in alignment with said vertically aligned selective keeper means, expansion spring means normally urging the front end of said bolt forwardly in a locking position, and stop means mounted on said lower window



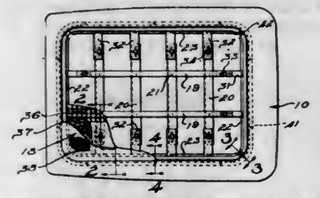
sash top bar whereby a key having a bolt engaging portion on the side wall thereof may be inserted through said casing hole for engagement with the key engaging means on the rear end of said bolt, to withdraw said bolt in rearward unlocked position and said key may be selectively tilted vertically to cause the notch therein to engage an edge of the key hole portion or be tilted laterally so that the stop means thereof may abut said sash bar stop means to secure said bolt in retracted position.

2,062,177

VEHICLE ROOF

Ollie L. Herron, Chicago, Ill., assignor to Herron-Zimmers Moulding Co., a corporation of Illinois

Application May 24, 1933, Serial No. 672,593
11 Claims. (Cl. 296—137)



1. The combination with a vehicle body having a roof opening, of a roof comprising a frame adapted to be disposed in the opening and an expansible waterproof covering for the frame, means rendering said roof expansible in its own plane to enable obtaining a close fit of the latter with the sides of the opening, and cooperating snap locking means on the roof and body for locking the roof in place upon expansion of the latter.

2,062,178

PROCESS OF IMPREGNATING

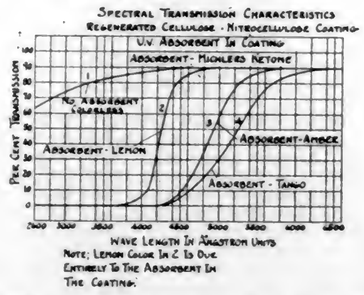
Glen S. Hiers, Bala-Cynwyd, Pa., assignor to Collins & Aikman Corporation, Philadelphia, Pa., a corporation of Delaware

No Drawing. Application July 31, 1934, Serial No. 737,770
3 Claims. (Cl. 91—68)

1. In the manufacture of fast material from a loosely woven pile fabric having pile forming bights on the back of said fabric and having a capillary action, the steps which consist in applying to said fabric a nonvulcanizing aqueous dispersion of rubber containing a non-tacky waxy substance forming a bloom by the liquefaction of said substance, and the capillary action of said

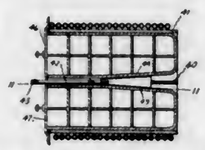
pile structure on said rubber when coagulated, and coagulating said rubber and further developing said bloom.

2,062,179
ARTICLES OF MANUFACTURE
Archibald Stuart Hunter, Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application July 19, 1934, Serial No. 736,132
31 Claims. (Cl. 99—171)



1. A film suitable for use as a wrapping tissue having a material associated therewith which is an absorbent for light rays within the range 3200–4000 A°, said film transmitting at least 50% of available visible solar light and absorbing at least 90% of light within the range 3500–3700 A°.

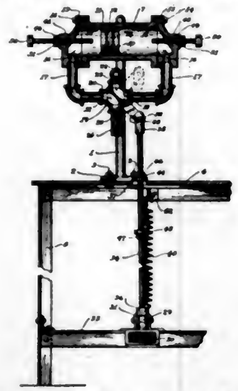
2,062,180
ICE MAKING APPARATUS
Victor N. Hybinette, Jackson, Mich.
Application November 17, 1932, Serial No. 643,011
14 Claims. (Cl. 62—108.5)



1. In a refrigerator cabinet, the combination with a cooling surface, of a removable container having flexible side portions adapted to be supported adjacent said surface, a removable grid in said container, and means positively forcing said side portions into contact with said grid and at least one of said sides into contact with said cooling surface.

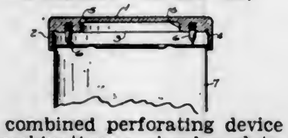
2,062,181
MEASURING AND FILLING MACHINE
Fred Klaus, Chicago, Ill., assignor to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
Application June 12, 1935, Serial No. 26,208
4 Claims. (Cl. 221—102)

4. In a measuring and filling machine including a horizontal measuring cylinder having fixed heads secured at the ends thereof in combination with a floating piston, said fixed heads being characterized in that they are provided with outwardly extending bosses providing horizontal base portions having vertical outlets therein, and angular inner end walls sloping outwardly and downwardly in the direction of said outlets to facilitate discharge of material from said cylinder through said outlets and conduits leading



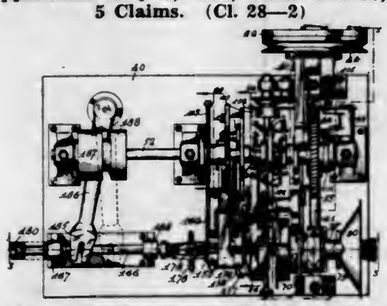
from said outlets and communicating with a downwardly directed discharge opening.

2,062,182
COMBINED PERFORATING DEVICE AND CLOSURE
Arnold A. Kubitz, Toledo, Ohio
Application November 14, 1934, Serial No. 753,006
2 Claims. (Cl. 220—51)



1. In a combined perforating device and closure, in combination, a circular plate having a flange depending from the perpendicular edge thereof and an annulus filling the corner formed by the intersection of the plate and depending flange, the lower surface of the annulus having a circular groove therein lying adjacent the flange and the annulus being enlarged at diametrically opposite sides to form bosses, the plate, flange, grooved annulus and bosses being integrally formed of heat-hardened material, and a pair of perforating punches fixed to and projecting downwardly from said bosses.

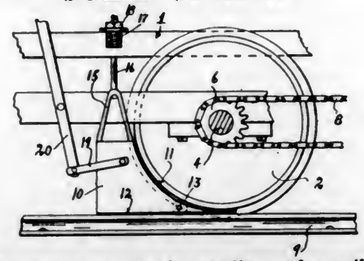
2,062,183
POMPON MACHINE
Holger L. Lawson and Joseph Stampfli, Montreal, Quebec, Canada, assignors to Hofmann & Leavy, Inc., New York, N. Y., a corporation of New York
Application July 8, 1935, Serial No. 30,292
5 Claims. (Cl. 28—2)



1. A pompon forming machine having in combination, a guide for a bunch of pompon forming

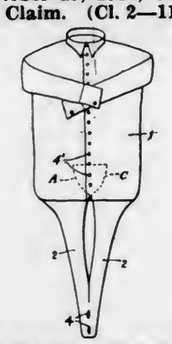
threads, means for winding a binding element a plurality of turns on the bunch, means for advancing the bound threads, means for cutting the advanced bound threads to form pompons of uniform length, and means for automatically ejecting the severed pompons from the machine.

2,062,184
EMERGENCY SAFETY BRAKE
John L. Loehnis, Long Beach, and Wesley I. Williams, Wilmington, Calif.
Refiled for abandoned application Serial No. 355,442, April 16, 1929. This application April 20, 1936, Serial No. 75,428
2 Claims. (Cl. 188—36)



1. An emergency brake appliance for rail conveyances including a truck frame, wheels journaled on the truck, and rails upon which the wheels travel, said appliance comprising a shoe, an arcuate surface on the shoe adapted to be positioned adjacent the wheel in the operative position of the brake appliance, a rod secured to the shoe and extending thru the truck frame, a nut on said rod, a spring between said nut and the truck frame, a lever pivotally mounted on the frame, a link pivoted to the lever and the shoe whereby said shoe is moved into engagement with the wheel and track, and a toothed roller journaled on the shoe, said roller being adapted to contact with the wheel and rail, and the bottom surface of said shoe being on the rail when the brake appliance is operating.

2,062,185
SHIRT
Inez McKinney, Wichita, Kans.
Application October 19, 1934, Serial No. 748,990
1 Claim. (Cl. 2—115)



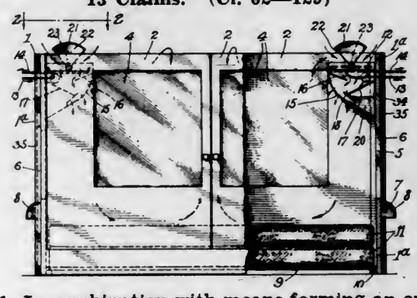
In a shirt of the class described, having front and back portions, the back portion extending downward convergently and being severed along its longitudinal axis of the converged portion from near the lower end thereof, upward to a point selected, and from thence being curved to one side, the said curved portion being concavo-convex, a piece of cloth inserted and stitched to the concaved side of the sever, the piece underlapping the convex side of the sever and having a like curve for the opposite free edge of the said piece, the upper end of the said piece being stitched to the back of the shirt where it joins the same, the lapped portions from the last said stitching downward being free to move upon each other, and means to secure the lower end of the converged portion to the front of the shirt at a selected position.

2,062,186
PACKING
Reuben Mittelman, Hartford, Conn., assignor to The Auburn Leather Goods Company, Hartford, Conn., a corporation of Connecticut
Application November 4, 1935, Serial No. 48,133
1 Claim. (Cl. 288—1)



For use in sealing a joint between pipes, wherein the adjacent ends of the pipe bores of contiguous pipes are of different diameters, a packing comprising a cup of fibrous material having a passage through the bottom thereof registering with the smaller pipe bore, and means for reinforcing the cup and preventing wear on the walls of the passage comprising a flat disk coextensive with the bottom of the cup with a central annular flange adapted to extend through the passage in the cup and be peened over on the opposite side of the cup.

2,062,187
AIR COOLING, CIRCULATING, AND CONTROLLING DEVICE AND PROCESS
Willard L. Morrison, Lake Forest, Ill.
Application August 25, 1934, Serial No. 741,510
13 Claims. (Cl. 62—129)

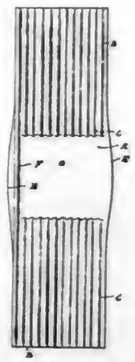


1. In combination with means forming an open top receptacle, means for establishing a body of air adjacent and across the top of said receptacle, which forms a distinct boundary between the room air and the air in the receptacle, a cooling device within the receptacle and adjacent its top, and means for guiding air comprising a hood positioned adjacent said cooling device, the receptacle having an opening below the top through which air may be passed by gravity.

2,062,188
CORRUGATED METAL CULVERT
John A. Morphy, Oshawa, Ontario, Canada, assignor to The Firman L. Carswell Manufacturing Company, Kansas City, Kans.
Application June 12, 1935, Serial No. 26,200
4 Claims. (Cl. 138—70)

1. A sheet metal culvert comprising a length of sheet metal having the ends thereof corrugated

leaving the uncorrugated central portion its full width, the ends being joined together, one end of the culvert having a rolled reinforcing rib extending completely around the periphery and crossing and reinforcing the uncorrugated central portion of the culvert.



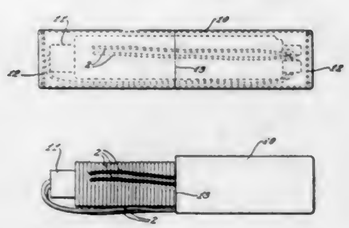
2,062,189

DETONATOR PACKAGE

Franklin W. Olin, Ernest H. Meyers, and Frederick R. Seavey, East Alton, Ill., assignors to Western Cartridge Company, East Alton, Ill., a corporation of Delaware

Application January 12, 1933, Serial No. 651,262

6 Claims. (Cl. 102—10)



5. A prepared package comprising a detonator, and an elongated casing for said detonator having end walls and integral side walls, the casing side walls being weakened along a definite line intermediate the ends to facilitate rupture thereof to permit the detonator to be taken out of the casing and to leave the empty package of a different appearance readily distinguishable from a filled package.

2,062,190

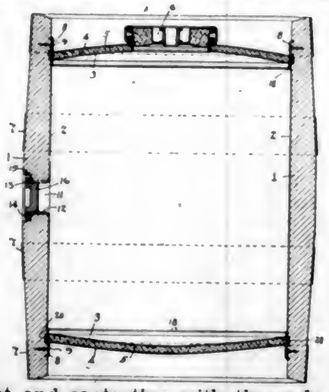
LIQUID CONTAINER

Harry H. Pinney, Cleveland Heights, Ohio, and William H. Klocke, Woodhaven, N. Y.

Application August 7, 1933, Serial No. 683,920

2 Claims. (Cl. 217—3)

1. In a liquid container, the combination of an outer wall composed of a plurality of staves, a metallic container positioned interiorly of said outer wall, and a plurality of abutment members secured to the inner faces of said staves at points



adjacent and contacting with the ends of said metallic container.

2,062,191

MATCH-STRIKING COMPOSITION

Rodney Southwick Pullen, Akron, Ohio, assignor to Pullenlite Company, Philadelphia, Pa., a corporation of Pennsylvania

Application July 18, 1932, Serial No. 623,304

2 Claims. (Cl. 52—28)



1. The method of preventing injury to the sensitivity of a match-striking surface comprising red phosphorus, nitro-cellulose and acetone during drying of the surface which consists in substantially increasing the temperature of the match-striking surface while it is drying, whereby "blushing" is prevented.

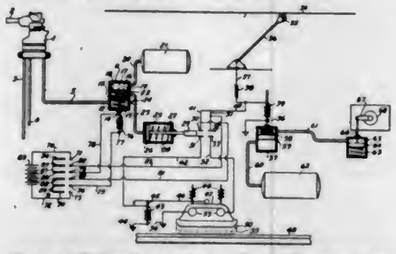
2,062,192

MAGNETIC BRAKE

Theodore H. Schoepf and David M. Ritchie, Cincinnati, Ohio, assignors to The Cincinnati Traction Building Co., Cincinnati, Ohio, a corporation of Ohio

Application November 27, 1934, Serial No. 755,024

22 Claims. (Cl. 303—3)



1. In a rail-brake system, the following instrumentalities: (*a*) magnetic rail-brakes; (*b*) means for applying or positioning and energizing them; (*c*) a primary source of electric current; (*d*) a secondary source of electric current; and (*e*) means for supplying said magnetic rail-brakes with current from the secondary source should the primary source fail.

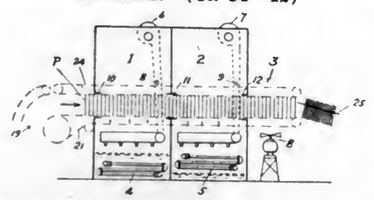
2,062,193

APPARATUS FOR SETTING STORAGE BATTERY PLATES

Edward W. Smith and Clarence A. Hall, Philadelphia, Pa., assignors to The Electric Storage Battery Company, Philadelphia, Pa., a corporation of New Jersey

Application November 3, 1932, Serial No. 641,037

4 Claims. (Cl. 34—12)



1. Apparatus for setting and drying the paste in freshly pasted storage battery plates, said apparatus comprising in combination, two oven compartments having enclosing walls, opposite walls of each compartment having openings therethrough conforming closely to the profile of said plates, a conveyor arranged to support plates in a vertical position with their pasted surfaces opposite each other and extending through said oven compartments and said openings, means in the first of said compartments for maintaining an atmosphere saturated with water vapor at an elevated temperature and at atmospheric pressure, means in said second compartment for maintaining an under-saturated atmosphere at elevated temperature and at atmospheric pressure, and means adjacent the first compartment for wetting the plate surfaces with a setting fluid before drying has begun.

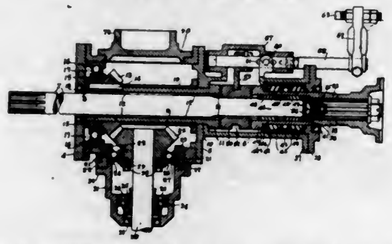
2,062,194

POWER TAKE-OFF MECHANISM

Ralph E. Smith, Galion, Ohio, assignor to The Galion Metallic Vault Company, Galion, Ohio, a corporation of Ohio

Application April 20, 1934, Serial No. 721,593

1 Claim. (Cl. 74—11)



In a power take-off, a housing, a drive shaft having the free end thereof reduced, a hollow driven shaft having a bearing in one end thereof for supporting said reduced end of said drive shaft, said housing having a transverse partition intermediate its ends, a hollow take-off shaft having on one end thereof a take-off gear with an integral sleeve supported in said housing adjacent one end thereof by a roller bearing and being rotatably mounted on the other end of the drive shaft within the housing and supported by the transverse partition in said housing, said hollow take-off shaft and said hollow driven shaft having clutch members defined on the opposed ends thereof, and a clutch member between said shaft ends, slidable on said drive shaft and rotatable therewith, said clutch member having on each end thereof a clutch element engageable respectively with the clutch elements on the hollow take-off shaft and on the hollow drive shaft, whereby the drive shaft may be selectively connected with either said driven shaft or said take-off shaft.

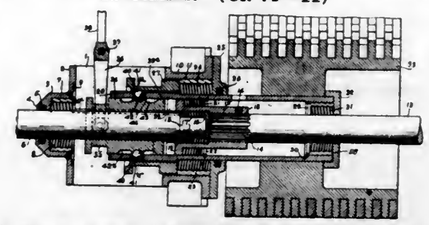
2,062,195

POWER TAKE-OFF MECHANISM

Ralph E. Smith, Galion, Ohio, assignor to The Galion Metallic Vault Company, Galion, Ohio, a corporation of Ohio

Application August 7, 1934, Serial No. 738,841

12 Claims. (Cl. 74—11)



1. In a power take-off, a hollow shaft supported for rotation, a driven shaft having on one end a sleeve, said sleeve being in the hollow shaft and having a shoulder, roller bearings between the sleeve and the hollow shaft, a ring in the hollow shaft cooperating with the shoulder to hold the bearings in place, a power shaft supported at one end by the sleeve, and means to connect the power shaft to either the hollow shaft or to the driven shaft, said means comprising a member adapted to have a clutching connection with the sleeve and a ball pocket connection with the hollow shaft.

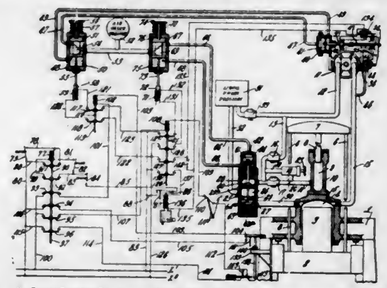
2,062,196

HYDRAULIC SYSTEM

Thomas F. Stacy, Piqua, Ohio, assignor to The French Oil Mill Machinery Company, Piqua, Ohio

Application February 10, 1934, Serial No. 710,693

49 Claims. (Cl. 60—52)



1. A hydraulic motor system comprising a working member, means guiding said member for movement in alternate directions, hydraulic means connected to said member to operate it in a power direction, hydraulic means also connected to said member for operating it in the opposite direction to retract it, pumping means connected to both of said hydraulic means for transferring an operating fluid to said hydraulic means alter-

nately, a valve in the connection from said pumping means to the retracting means for preventing direct flow from the retracting means to the pumping means, a source of operating fluid, a connection from said source to each of said hydraulic means and to said pumping means, valve means in each connection for controlling fluid flow between said source and each of said hydraulic means and preventing flow from said pumping means directly to said source, and means selectively operable to reverse said valve means in each connection while the pumping means continues to deliver operating fluid to said first hydraulic means for by-passing fluid from the pumping means through the valve means in the connection from said source to the first mentioned said hydraulic means, whereby the movement of said member in said power direction may be stopped at any position in its travel and held in that position.

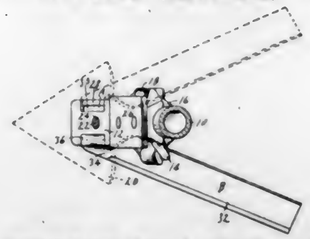
2,062,197

DETACHABLE SWEEP BLADE

Peter O. Thompson, Perry, Iowa

Application October 14, 1935, Serial No. 44,939

14 Claims. (Cl. 97—205)



1. In combination with a cultivator shovel, a bracket for mounting the same on a cultivator shank, said shovel being bolted against the upper surface of said bracket, said bracket having a pair of other than round sockets in said upper surface and recesses extending from said sockets to the edges of said bracket and a sweep blade for each socket having a portion received and fitting therein and a portion extending therefrom through said recesses.

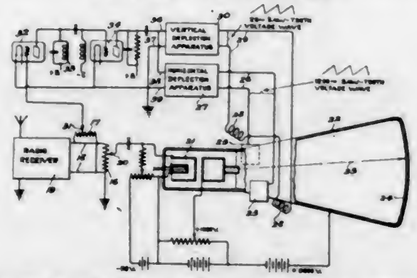
2,062,198

SYSTEM AND METHOD OF OPERATION FOR COMMUNICATION BY TELEVISION

William A. Tolson, Erlton, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application June 25, 1931, Serial No. 546,782

5 Claims. (Cl. 178—69.5)



1. In a television system, means for developing picture signals during spaced periods of time, means for developing a synchronizing tone at a relatively high frequency as compared with the frequency of occurrence of said periods, means for transmitting said signals and tone together with the latter occurring only substantially during the periods intervening said first-named periods, scanning apparatus and framing apparatus forming part of a receiving station for effecting respectively scanning and framing actions thereat, means forming part of the receiving station for rectifying the received synchronizing wave to develop an electrical impulse once for each picture-frame period, and means for synchronizing said scanning and framing apparatus with operating action at the transmitting station solely by such impulses.

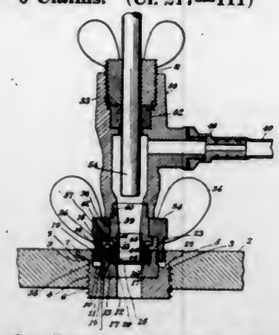
2,062,199

TAP FOR LIQUID RECEPTACLES

Victor Alvear, Brooklyn, N. Y., assignor of one-half to Eddilaw Young, Long Island City, N. Y.

Application January 21, 1935, Serial No. 2,720

6 Claims. (Cl. 217—111)



6. A tap for liquid receptacles comprising an annular body portion having means for attachment to the wall of a receptacle, said tap having an internal shoulder and a seat therein beveled inwardly toward its periphery, a holding edge outward of the seat and a groove of greater diameter between them, a sealing member having a bottom portion whose outer part lies on and fits said seat and a flange expanded into said groove and its outer edge engaged with said holding edge outward of the seat, and means for attachment of a draw off device.

2,062,200

TANDEM VALVE CONCRETE PUMP

Charles F. Ball, Wauwatosa, Wis., assignor to Chain Belt Company, Milwaukee, Wis., a corporation of Wisconsin

Application October 12, 1935, Serial No. 44,793

16 Claims. (Cl. 103—227)



1. In a pump for plastic concrete mixtures, having a working chamber, a pressure member working therein, and inlet and outlet passages communicating therewith, the combination of inlet and outlet valves controlling said inlet and outlet passages respectively, said valves being arranged in tandem with respect to said chamber and outlet passage, whereby the mixture moved along the outlet passage on the working stroke of said pressure member passes through both said valves.

2,062,201

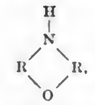
MOTOR FUEL TREATING PROCESS AND PRODUCTS OBTAINED THEREBY

Thomas W. Bartram, Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware

No Drawing. Application April 7, 1932, Serial No. 603,903

10 Claims. (Cl. 44—9)

1. A composition of matter comprising a cracked petroleum distillate fuel of the class which normally tends to form gummy materials under ordinary conditions of handling and storage, to which has been added as a gum inhibitor an oxazine of the formula



wherein R is an aromatic radical consisting of carbon and hydrogen atoms only.

10. Gasoline produced by the cracking of petroleum oils containing as a gum inhibitor a small proportion of phenoxazine.

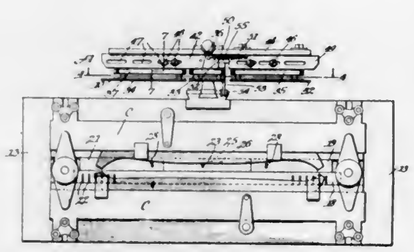
2,062,202

FOLDING MACHINE

Walter J. Beattie, Cohoes, N. Y., assignor to The Beattie Manufacturing Co., Cohoes, N. Y., a corporation of New York

Application December 30, 1932, Serial No. 649,609

6 Claims. (Cl. 223—38)



1. In a machine of the class described, a material supporting bed provided with a channel, plates having recesses and projections in said channel, forming dies provided with projections and recesses, and infolders adapted to infold a blank of material, said recesses and projections, respectively, being complementary and adapted to produce a plurality of indicating marks on the infolded blank of material.

2,062,203

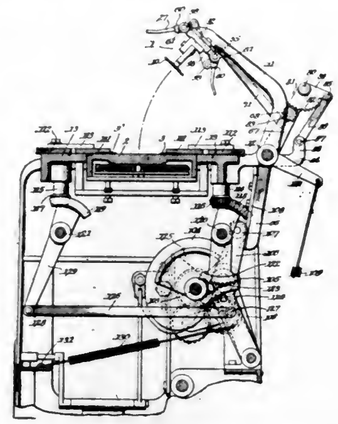
TURNING MACHINE AND METHOD

Walter J. Beattie, Cohoes, N. Y., assignor to The Beattie Manufacturing Company, Cohoes, N. Y., a corporation of New York

Application April 7, 1933, Serial No. 665,022

22 Claims. (Cl. 223—38)

1. In a machine of the character described, a bed, a movable die carrying head, a die carried by said head and movable with respect to said bed, infolding means, said bed and die and infolding means being adapted to cooperate to partially form an article, said die and head being adapted to remove and support the article after such partial formation, and means carried by said



die head to indent the edge of the article when said die head is removed from said bed.

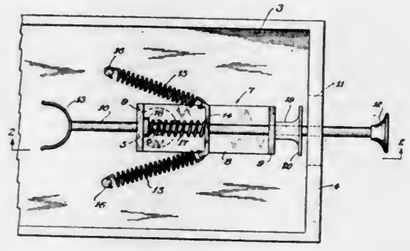
2,062,204

GAME APPARATUS

Leslie J. Blackmore, Paterson, N. J.

Application May 2, 1935, Serial No. 19,486

3 Claims. (Cl. 273—129)



2. A device of the character described, comprising a retractible projector, a pivoted projector carriage mounted on a base, means for guiding said projector in said pivoted carriage, a cross bar supported intermediate the ends of said projector and a pair of springs secured to each end of said cross bar and to said base and adapted to be tensioned by retraction of said projector and to impart an impelling force to the same.

2,062,205

PROCESS OF PRODUCING THE M-ALKYL-ETHERS OF PROTOCATECHUIC ALDEHYDE

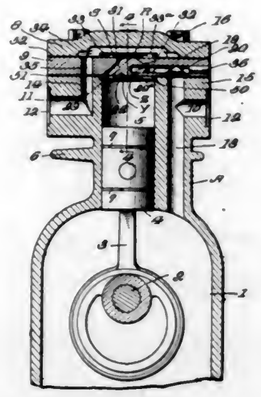
Friedrich Boedecker, Dahlem, near Berlin, and Hans Volk, Tempelhof, near Berlin, Germany

No Drawing. Application April 1, 1936, Serial No. 72,208. In Germany March 21, 1932

13 Claims. (Cl. 260—137)

1. In the manufacture of m-alkyl-ethers of protocatechuic aldehyde, the steps which comprise reacting an o-alkoxy-phenol with a readily soluble salt of glyoxylic acid, in alkaline solution, and subsequently treating the product so obtained with a mild oxidation agent.

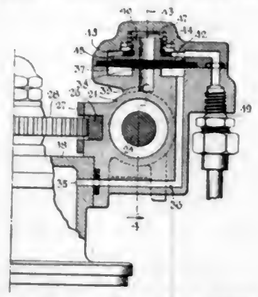
2,062,206
COMPRESSOR
Lindsay Hugh Browne, Rochester, N. Y., assignor to Kellogg Manufacturing Co., Rochester, N. Y., a corporation of New York
Application October 4, 1932, Serial No. 636,214
7 Claims. (Cl. 230—172)



1. For use with a compressor or other like device having a cylinder and a chambered head therefor, a valve assembly comprising a plate positioned upon the cylinder beneath the chambered head, said plate having an intake passageway communicating with the cylinder, a passageway interconnecting the cylinder and the chambered head, an outlet passageway for the chambered head, a resilient valve at the under side of said plate for normally closing the inlet passageway, a resilient exhaust valve at the opposite side of said plate for normally closing communication between the cylinder and the chambered head, each of said valves comprising a disc having extending arms, valve cover plates for said valves, said cover plates having channels for receiving and guiding said valve plate arms, a chamber centrally arranged in said plates to permit movement of the disc portion of the valves, outlet passageways through said cover plates communicating with said central chamber, valve seats surrounding the ends of the passageways which said valves control, and means to secure said valve cover plates to the main plate to hold said valves against said seats under spring tension.

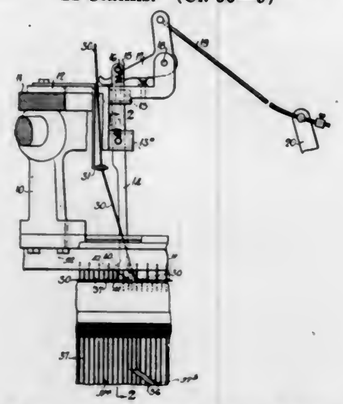
2,062,207
AIR BRAKE
Charles A. Campbell, Watertown, N. Y., assignor to The New York Air Brake Company, a corporation of New Jersey
Application July 18, 1935, Serial No. 32,081
3 Claims. (Cl. 303—19)

1. The combination of an engineer's brake valve having a casing subject internally to fluid pressure and having a movable valve actuator; a fluid pressure motor in direct communication with the interior of said casing and having means for shifting said actuator to a brake applying position when the motor is subject to pressure; means for bleeding pressure fluid from said motor; a pressure transmitting connection; and means rendered effective by the existence of fluid pressure in said connection, to close communica-



tion between the interior of said casing and said motor.

2,062,208
KNITTING APPARATUS AND METHOD
Robert H. Coleman, Thomasville, N. C., assignor of one-fourth to Ragan Knitting Company, Thomasville, N. C., and one-fourth to Maurice Mills Company, Inc., Thomasville, N. C.
Application December 14, 1934, Serial No. 757,521
11 Claims. (Cl. 66—9)

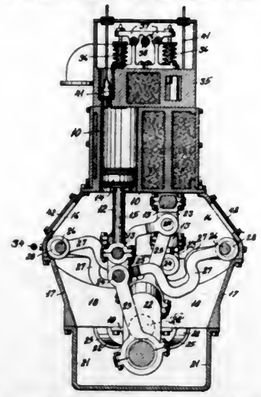


1. In a knitting machine having a main drum and an auxiliary pattern drum and revolving dial and cylinder needles, means for clamping the end of a yarn on the dial, means for feeding the yarn to the exterior of the cylinder needles and below the latches of the cylinder needles at a point in advance of the throat plate of the machine whereby the yarn will not be engaged by the hooks of more than one or two of the cylinder needles, but will be laid in between the loops formed by the respective cylinder and dial needles, means controlled by the main drum of the knitting machine for throwing the yarn into position to be laid into the knitting of the fabric, and means controlled by the auxiliary pattern drum for withdrawing the yarn from laying-in position.

2,062,209
INTERNAL COMBUSTION ENGINE
David F. Cook, Cheyenne, Wyo.
Application February 3, 1934, Serial No. 709,612
8 Claims. (Cl. 123—54)

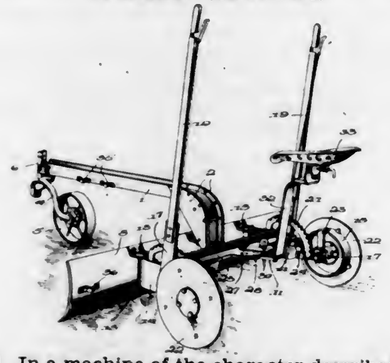
1. An internal combustion engine comprising a cylinder block, a crank case associated with said cylinder block, a crankshaft operatively mounted in said crankcase, a plurality of axially-parallel

cylinders formed in double alignment in said block on opposite sides of the longitudinal median line thereof, pistons reciprocably mounted in said cylinders, a plurality of separate guide means re-



ciprocably engaging said block and secured to said pistons, toggle-joint connections through said guide means between each of said pistons and said crankshaft, and guide arms connecting the knuckle pins of said toggle-joints with said crankcase.

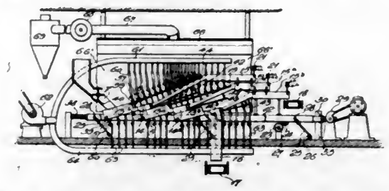
2,062,210
DITCHING AND GRADING MACHINE
Charles W. Cundiff, Owensboro, Ky.
Application April 27, 1935, Serial No. 18,674
11 Claims. (Cl. 37—163)



1. In a machine of the character described, the combination of a scraping blade, a draw beam having the rear portion thereof pivoted to the blade intermediate the ends thereof, said blade being adjustable to different angular positions relative to the draw beam, adjusting bar and fifth wheel members pivoted directly together, one being secured to the blade and the other being secured to the draw beam, and means for holding the adjusting bar and fifth wheel members in adjusted positions relative to each other.

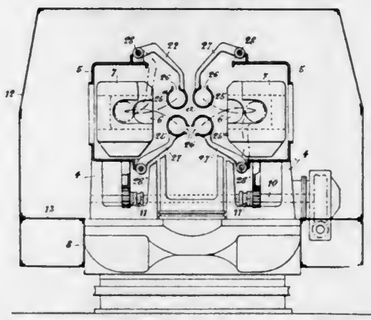
2,062,211
SEPARATING MACHINE AND PROCESS
Kenneth Davis, Cresson, Pa., assignor of one-half to Samuel Whitmore Blakslee, Pottsville, Pa.
Application January 4, 1934, Serial No. 705,299
27 Claims. (Cl. 209—466)

9. In a machine for separating pre-sized intermixed divided materials, imperforate means for supporting a bed of the intermixed materials, means for moving said supporting means to advance the bed, and vertical splitting means for the advancing bed having means for directing bed-loosening jets of air into said bed on lines substantially parallel with the bed-supporting surface of said supporting means, said bed-splitting means having means for directing stronger jets into the lower portion of the bed than into the upper portion of said bed, all of the jets being discharged with force insufficient to float the lighter gravity material to be separated from the heavier.



25. A process of separating intermixed divided materials with the aid of a pan; consisting in effecting one cycle of pan operation by moving the pan downwardly and rearwardly, then imparting a long rapid forward and upward stroke to said pan, then imparting a shorter and slower rearward and downward stroke to said pan, and finally imparting a still shorter and still slower forward and upward stroke to said pan; effecting a second and duplicate cycle of pan operation only when said final still shorter and still slower stroke of the first cycle has been completed; and continuing pan operation by duplicating the aforesaid cycles and maintaining the same relation between the successive cycles as that existing between said first and second cycles; whereby the long rapid strokes will throw and advance the bed on the pan and the shorter and slower and the still shorter and still slower strokes will loosen the bed to facilitate settling of the heavier material through the lighter.

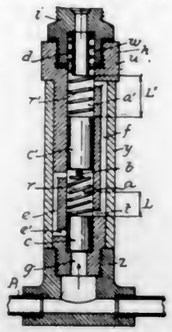
2,062,212
AMMUNITION SUPPLYING DEVICE
Leon Daum, Paris, France, assignor of one-half to Compagnie des Forges et Acieries de la Marine et d'Homecourt, Paris, France, a company of France and one-half to Schneider & Cie., Paris, France, a company of France
Application September 18, 1935, Serial No. 41,151
In France November 28, 1934
16 Claims. (Cl. 89—45)



1. In apparatus for supplying ammunition to gun mounts of the type wherein a pair of guns are mounted on a common rotatable supporting platform, the combination of means for delivering ammunition for both guns simultaneous-

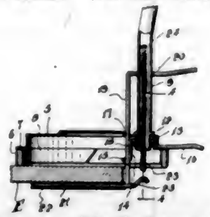
ly to a point between the guns, a pair of loading members associated with each gun, said members normally occupying positions offset from the axes of the associated guns and in which they are adapted to receive ammunition from said delivering means, and means for simultaneously moving one of the members of each of said pairs from their normal positions to loading positions in line with the axes of said guns and return, said members when in their normal positions being symmetrically arranged with respect to both the vertical plane of symmetry of the gun mount and the plane passing through the axes of the two guns.

2,062,213
DISPENSING SYSTEM FOR LUBRICANTS AND THE LIKE
Alfred Emile Dieny, Viroflay, France
Application September 8, 1934, Serial No. 743,316
In France September 8, 1933
4 Claims. (Cl. 184—7)



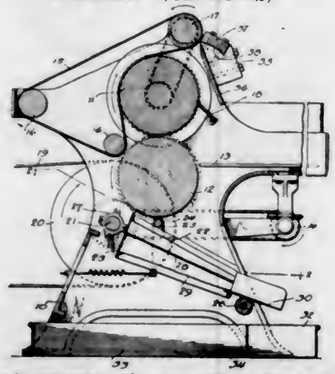
1. In a fluid dispensing device, a cylindrical chamber, an admission piston and a driving piston mounted coaxially in said chamber in spaced relation, a fixed radial pin mounted transversely of said chamber between said pistons, a first spring mounted between said pin and admission piston, an abutment member mounted in the end of said chamber opposite said admission piston and beyond said driving piston, and a second spring mounted between said driving piston and said abutment member, said cylindrical chamber being provided in the wall thereof with an admission by-pass having one port in the wall of said chamber between said pin and the position of the face of said admission piston nearest said pin which is assumed when said admission piston approaches said pin most closely, and having a second port in the wall of said chamber adjacent said admission piston and so positioned that said admission piston in its position most distant from said pin closes said second port, but said admission piston when forced toward said pin clears said second port and has its face remote from said pin between said pin and said second port, said chamber further being provided in its wall with a delivery by-pass having a first orifice adjacent said admission piston so positioned that said admission piston when forced toward said pin closes said first orifice but said admission piston in its position most remote from said pin clears said first orifice with its face nearest said pin on the side of said first orifice remote from said pin, said delivery by-pass having a second orifice in the wall of said chamber adjacent said driving piston so positioned that said driving piston in its position most remote from said pin closes said second orifice but clears said second orifice when in positions adjacent said pin.

2,062,214
LAMP SUPPORT AND CLAMP
Vincent Di Figlia, Brooklyn, N. Y.
Application May 20, 1936, Serial No. 80,838
2 Claims. (Cl. 248—226)



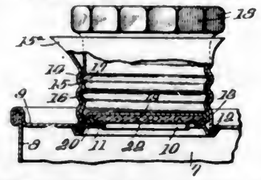
1. In a lamp support and clamp, a hollow base, a tubular standard rising therefrom and adjustably supporting a lamp socket and reflector at the upper end thereof, a clamp having a vertical leg slidable through the top wall of the base, a horizontal arm at the upper end of the leg slidable upon the standard, a clamping arm extending angularly from the lower end of the leg, a guide for the lower end of the leg anchored on the lower end of the tubular standard within the hollow base, a spring associated with the clamping arm for normally influencing the same in an upward direction towards the hollow base, the guide being of angular formation with one end secured to the lower end of the tubular standard, a slotted foot projecting from the other end of the guide and through which the vertical leg extends and the latter moving in frictional contact with the guide intermedate the upper and lower ends thereof.

2,062,215
METHOD OF RECOVERING WASTE FLOUR AND DOUGH
Peter A. Dubus, New Orleans, La.
Application September 20, 1934, Serial No. 744,817
4 Claims. (Cl. 209—2)



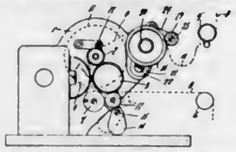
1. That process of recovering waste dusting flour and dough particles from a dough brake which consists in collecting all waste flour and dough particles, subjecting the combined waste flour and dough particles to a screening operation to separate the larger dough particles from the smaller dough particles and flour, subjecting the separated smaller dough particles and flour to further screening, to separate the flour from the smaller dough particles, collecting the separated flour, uniting the separated larger and smaller dough particles, and delivering the united larger and small dough particles to a common receptacle.

2,062,216
CONTAINER
Henry A. Fink, New York, N. Y., assignor to Continental Can Company, Inc., New York, N. Y., a corporation of New York
Application April 12, 1935, Serial No. 16,084
1 Claim. (Cl. 220—39)



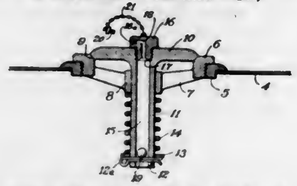
A container including in combination a body portion having a top end attached thereto, said end having an opening and an annular bead surrounding said opening and forming a resilient sealing seat, a pouring spout attached to said container and surrounding said sealing seat, said pouring spout being provided with a breast portion having screw threads embossed therein and with a pouring lip at its upper end, a closure plug for said pouring spout, said closure plug having screw threads for engagement with the threads on said breast and an integral bottom, said bottom being inset from the lower edge of said plug to provide a gasket housing recess, and a gasket in said recess, the portion of the plug below the gasket being inturned to clamp the gasket in said recess and permit said annular seat on the container end to engage said gasket.

2,062,217
SOUND HEAD FOR REPRODUCING SOUND FROM SOUND FILMS
David Percival Fisher, Wellington, New Zealand
Application July 26, 1934, Serial No. 737,104
In New Zealand July 31, 1933
5 Claims. (Cl. 271—2.3)



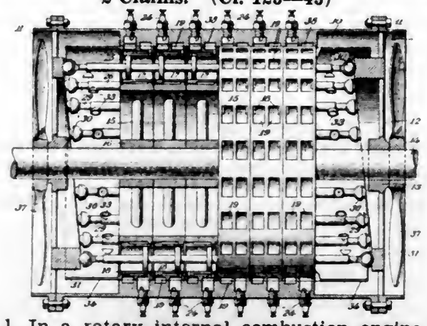
1. Means for regulating the motion of a film after it has passed through a sound gate, consisting of a pulley, a spring on the upper end of which said pulley is rotatably mounted, a pendulum weight pivoted on an axis parallel with that of the pulley so as to swing from such axis, said spring having its lower end attached to said pendulum weight.

2,062,218
GAS TANK SAFETY VALVE
Cyrille Gielen, Sr., West Paterson, N. J.
Application November 5, 1934, Serial No. 751,655
2 Claims. (Cl. 220—44)



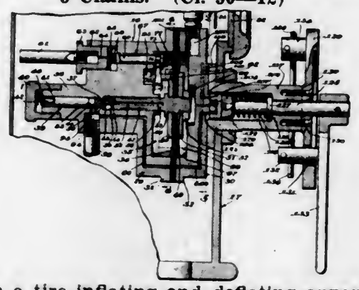
1. The combination, with a tank, of a spring closed relief valve in a wall of the same, said relief valve having an air vent, a check valve for closing said vent when the tank is tilted, and other means for closing the outer end of said air vent.

2,062,219
ROTARY INTERNAL COMBUSTION ENGINE
Horace S. Ginn, Bell, Calif., assignor of one-half to William Kelm, Santa Ana, Calif.
Application December 18, 1934, Serial No. 758,066
2 Claims. (Cl. 123—43)



1. In a rotary internal combustion engine, a cylindrical casing provided with opposed pairs of inlet and exhaust chambers, respectively, and opposed series of combustion chambers intermediate said pairs of chambers, said combustion chambers opening into said casing and being oblique to the axis thereof, a rotor in said casing having a circular series of cylinders therein disposed parallel with and concentric to the axis of the rotor, said rotor being ported for communication of said cylinders with said inlet chambers and having bucket shaped openings therein for establishing communication between said cylinders and said exhaust and combustion chambers, respectively, said bucket shaped chambers being disposed obliquely in correspondence with said combustion chambers, pistons in said cylinders, and means for reciprocating said pistons as an incident to rotation of said rotor.

2,062,220
TIRE INFLATING AND DEFLATING APPARATUS
William A. Harris, Greenville, S. C.
Application March 26, 1931, Serial No. 525,564
5 Claims. (Cl. 50—12)



1. In a tire inflating and deflating apparatus, a casing provided with a chamber, a pressure responsive element dividing said chamber into a fluctuating compartment and an equalizing compartment, a valve casing connected with a source of air under pressure, conduits connecting the valve casing with the equalizing compartment and with the fluctuating compartment, a valve in the valve casing for controlling the simultaneous flow

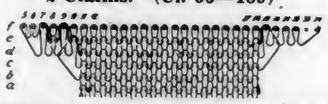
of air to the fluctuating compartment and to the equalizing compartment for creating simultaneous equal pressures upon opposite sides of the diaphragm and thereafter cutting off communication between said compartments and the source of air, means for placing the fluctuating compartment in communication with an inner tube thereby lowering the pressure in the fluctuating compartment whereby the diaphragm will flex, a valve operated by the flexing diaphragm to admit air directly to the fluctuating compartment from the source and a valve-controlled audible signal operated intermittently by air from the fluctuating compartment when the diaphragm is flexed.

2,062,221

METHOD OF KNITTING

Woldemar Heinitz, Chemnitz, Germany, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany

Application December 11, 1934, Serial No. 757,048
In Germany December 14, 1933
2 Claims. (Cl. 66—189)



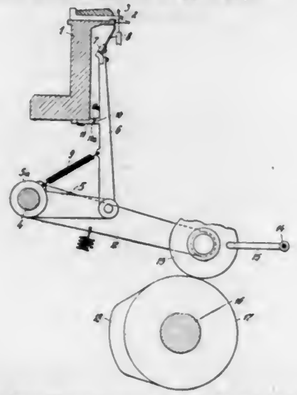
1. A method of enlarging or widening fabrics on flat knitting machines, in which after formation of a row of loops, a thread guide, placing thread in front of the needles, is moved for the pitch of two needles beyond the margin of the fabric and simultaneously a thread guide stop at the opposite side of the fabric is moved outwardly for the pitch of two needles, so that the thread taken about the outer needle is placed in front of four more needles for forming a new row of loops.

2,062,222

AUXILIARY PRESSER

Woldemar Heinitz, Chemnitz, Germany, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany

Application August 19, 1935, Serial No. 36,938
In Germany August 27, 1934
2 Claims. (Cl. 66—98)



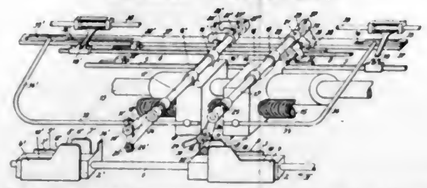
1. In an auxiliary presser for flat knitting machines adapted for the manufacture of stockings in a single operation, in combination a jack sinker bearing, a rock shaft, levers fixed upon said rock shaft, supports carrying presser instruments pivotally connected to said levers, a cam operated lever, cooperating cam means provided at said bearing and at said supports and a spring urging each of said supports towards said jack sinker bearing.

2,062,223

DEVICE FOR LIMITING THE MOVEMENTS OF THREAD GUIDE BARS

Woldemar Heinitz, Chemnitz, Germany, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany

Application November 21, 1935, Serial No. 50,943
In Germany November 23, 1934
3 Claims. (Cl. 66—126)



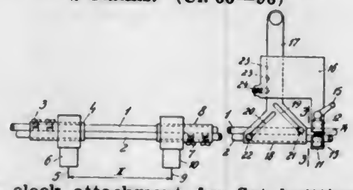
1. A device for limiting the movement of thread guide bars in flat knitting machines comprising a plurality of blocks adjustably mounted on a supporting bar and each provided with a projection extending into the path of travel of said thread guide bars, shafts mounted upon said blocks, locking arms adjustably connected to said shafts and adapted to cooperate with stops on said thread guide bars, lever arms fixed to said shafts, a roller carried by each of said lever arms, a slidably arranged bar moved in accordance with said thread guide bars, locking means carried by said slidably arranged bar and cooperating with said lever arms for moving said locking arms into and out of engagement with said stops on said thread guide bars, the arrangement being such that said locking arms, by their engagement with said stops on said thread guide bars, prevent recoil of the latter bars.

2,062,224

CLOCK ATTACHMENT FOR FLAT KNITTING MACHINES

Woldemar Heinitz, Chemnitz, Germany, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany

Application November 21, 1935, Serial No. 50,944
In Germany December 6, 1934
2 Claims. (Cl. 66—96)



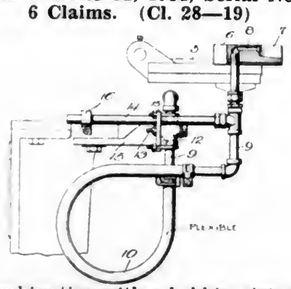
1. A clock attachment for flat knitting machines, comprising a clock finger support, consisting of two bars, a sleeve fixed to each of said bars and forming a guide for the other of said bars, a clock finger at each of said sleeves, a clutch, consisting of an open ring, surrounding said bars, a screw passing through bosses near the ends of said open ring and adapted to firmly clamp said ring on said bars, a guide member on said ring, a slide, having slots inclined in opposite directions towards said clock finger support, adapted to be guided in said guide member, a screw inserted in said guide member and adapted to engage notches provided in said slide, and a pin, connected to each of said bars forming said clock finger support, each of said pins engaging one of said inclined slots in said slide.

2,062,225

BOBBIN CLEANER

Julius Edwin Kimbirl, Charlotte, N. C., assignor to The Terrell Machine Company, Charlotte, N. C., a corporation

Application October 31, 1934, Serial No. 750,912
6 Claims. (Cl. 28—19)



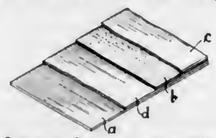
1. In combination with a bobbin-stripping machine having as an element a bobbin-pusher to shift a bobbin endwise for stripping it, an air-nozzle mounted on said pusher and provided with a tip-seat for a bobbin, said air-nozzle being movable back and forth with said pusher in the usual stripping operations, and means for supplying a blast of air to said nozzle actuated by the movement of said pusher to deliver a blast of air to the nozzle at the forward end of the stroke of the pusher, said means embodying an air-supply pipe connected to the nozzle and having a flexible section, a valve in said pipe at a point between said flexible section and the inlet end of the pipe, and a valve-actuating appliance attached to the pipe at a point between said flexible section and the nozzle and provided with means for opening said valve when the pusher has reached approximately the end of its bobbin-shifting stroke.

2,062,226

METHOD OF PRODUCING EMBOSSING FOILS

Konrad Kurz, Furth, Germany, assignor to Diamond Decorative Leaf Co., Stapleton, Staten Island, N. Y.

Application June 6, 1932, Serial No. 615,660
In Germany June 13, 1931
3 Claims. (Cl. 41—33)



3. Method for producing an embossing foil the metal layer of which is transferred by the heat of the embossing die from its carrier on to the object to be embossed, consisting in coating a flexible smooth film support capable of being embossed with a layer of fusible material, and in chemically reducing a precious metal onto this fusible layer, and in grounding this mirror coating on the outer side.

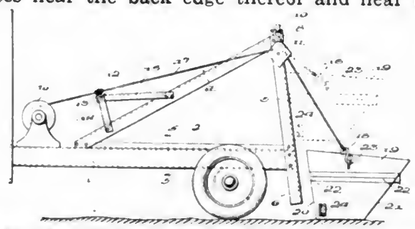
2,062,227

CONVEYING EQUIPMENT

Walter E. Lambert, Knoxville, Tenn.

Application July 9, 1934, Serial No. 734,387
17 Claims. (Cl. 214—75)

1. In conveying apparatus, the combination with a rig having cables thereon, each provided with an attaching device at the free end thereof, and means for winding up the cables, of a skip having connections for the cable attaching devices, said connections being disposed near the upper edge of the skip and approximately midway from front to back thereof for supporting the skip during transportation, said skip having separate connections for the cable attaching devices near the back edge thereof and near the



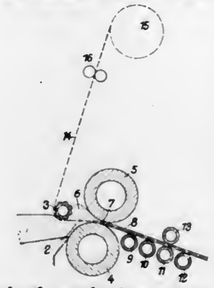
bottom for attachment to the skip to cause dumping thereof, the cables being disconnected from the supporting connections and connected with the dumping connections for dumping the skip, the skip being carried wholly by the cables alternately during transportation and during dumping.

2,062,228

METHOD AND DEVICE FOR PRODUCING SINGLE-LAYERED WIRE GLASS

Armand Lamesch, Waldenburg-Altwasser, Germany, assignor to Schiesische Spiegelglas-Manufactur Carl Tielsch, G. m. b. H., Waldenburg-Altwasser, Germany

Application July 5, 1934, Serial No. 733,888
In Germany July 11, 1933
2 Claims. (Cl. 49—32)



1. A method of producing single-layered wire glass from fused glass consisting in adjusting a grooved guide roller to the desired position, so as to dip into the fused glass, introducing a wire insertion round the guide roller into the fused glass at a point away from molding rollers prior to passing the wire insertion between the molding rollers, and rotating the grooved guide roller at a circumferential speed lower than that of the molding rollers.

2,062,229
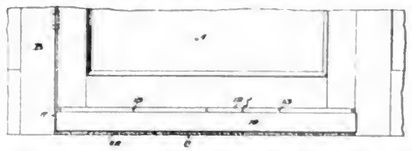
WEATHER STRIP

John Meriweather Lewis, Watsonville, Calif.

Application November 9, 1935, Serial No. 49,106
6 Claims. (Cl. 20—68)

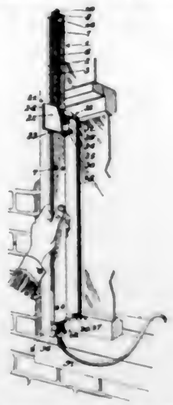
1. A weatherstrip comprising a housing adapted to be secured to a door and having a guide-hole at one end, a guide-pin extending inwardly from the other end of said housing, an actuating-bar slidable longitudinally on said guide-pin and in said hole and having an end projecting outside of said hole arranged to contact with a fixed member of the door structure whereby said bar is shifted inwardly as the door is being closed, a spring urging said bar outwardly, a packing-

bar and a packing-strip thereon adjacent to said actuating-bar, and links connected to said bars



arranged to move said packing-bar protrusively during inward movement of said actuating-bar.

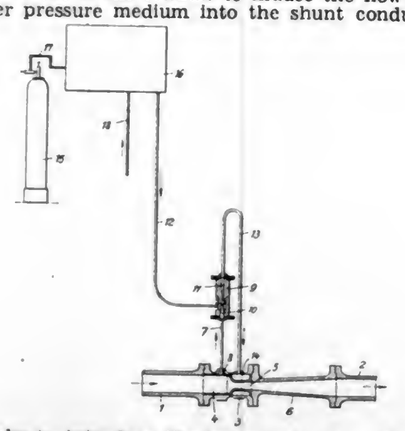
2,062,230
PUTTY SOFTENER
George McKittrick, Independence, Kans.
Application March 18, 1935, Serial No. 11,723
7 Claims. (Cl. 219—21)



4. A putty softener comprising a bar-like base, a flexible heating unit anchored at its ends to the base in a diagonal position so as to stand on a bias lengthwise of the base, and means by which to distort a portion of said unit out of its biased position and away from the base so that only the wanted strand length thereof is made available for use.

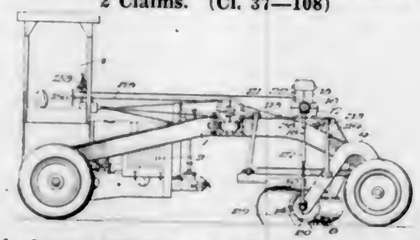
2,062,231
TREATING WATER
Georg Ornstein, Berlin, Germany
Application October 14, 1933, Serial No. 693,634
In Germany October 14, 1932
5 Claims. (Cl. 210—28)

1. In an apparatus for continuously feeding a fluid medium at a lower pressure into a flowing principal medium at a higher pressure, comprising a main conduit in which the higher pressure medium flows, means in said main conduit to reduce the pressure therein and thereby to cause variations in pressure therein at different points in the conduit as the result of the flow of fluid therethrough and thus to produce points of higher and lower pressure, a shunt conduit connected to said main conduit at a point of higher pressure and at a point of lower pressure adjacent said pressure reducing means, a separate container for a fluid medium at a lower pressure than the pressure in said shunt conduit, a third conduit connecting said container to said shunt conduit, and means in said shunt conduit at the point of connection of said third conduit to reduce further, by the kinetic energy of the higher pressure medium flowing therethrough, the pressure in the shunt conduit to induce the flow of lower pressure medium into the shunt conduit,



thereby to introduce the lower pressure medium into the higher pressure medium.

2,062,232
APPARATUS FOR LEVELING ROADS
Charles Nelson Pogue, Norwood, Winnipeg, Manitoba, Canada
Application December 30, 1935, Serial No. 56,812
2 Claims. (Cl. 37—108)



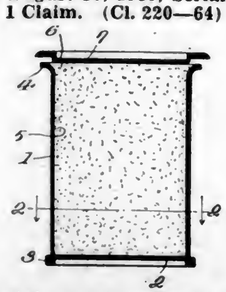
1. A road leveling or treating machine adapted for movement over a road, comprising a drum or cylinder, means for rotating said drum or cylinder, a plurality of rows of spaced impact elements protruding from the outer surface of said drum or cylinder and adapted to strike and break away high places in the road, the impact elements of each row being staggered relative to the elements of adjacent rows, a scraper located at the rear of said drum or cylinder for scraping particles broken from the high places into the low places of the road, and a guard extending forwardly from said scraper for intercepting particles loosened by said impact elements and thrown into the air.

2,062,233
VEHICLE WHEEL SUSPENSION
Maurice Poirier, Burbank, Calif., assignor of nineteen one-hundredths to William I. F. George, Burbank, Calif.
Application September 20, 1934, Serial No. 744,827
2 Claims. (Cl. 267—19)



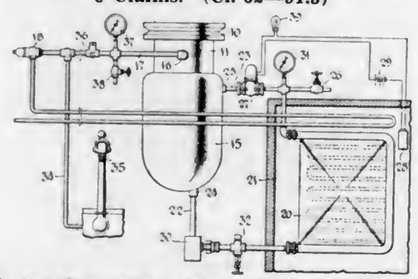
1. A wheel mounting in combination with a chassis, horizontal brackets pivoted to said chassis in a vertical line one above the other, a suspension spring for the chassis, a link pivoted to said spring intermediate its ends and to one of said brackets, an axle mounted on one of said brackets rearwardly of its pivot, a wheel mounted on said axle, a rod on the other bracket in vertical line with said axle, and link means pivoted to said rod and to said axle.

2,062,234
PROCESS AND CONTAINER FOR PACKAGING BEVERAGES
Samuel Clifford Robison, Syracuse, N. Y., assignor to Continental Can Company, Inc., New York, N. Y., a corporation of New York
Application August 30, 1933, Serial No. 687,510
1 Claim. (Cl. 220—64)



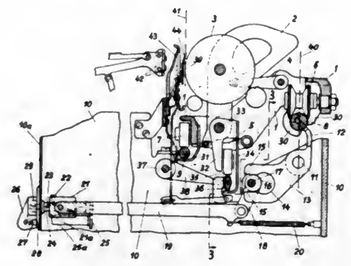
A sheet metal container for beer comprising a body portion and a closure therefor, an enamel coating covering the entire surface of the body portion of the container and the closure for the container, said enamel coating consisting of the unevaporated residue of blown asphalt and gilsonite in substantially the proportions of two to one dissolved in carbon tetrachloride.

2,062,235
REFRIGERATION
Alonzo W. Ruff, York, Pa., assignor to York Ice Machinery Corporation, York, Pa., a corporation of Delaware
Application May 8, 1931, Serial No. 536,028
9 Claims. (Cl. 62—91.5)



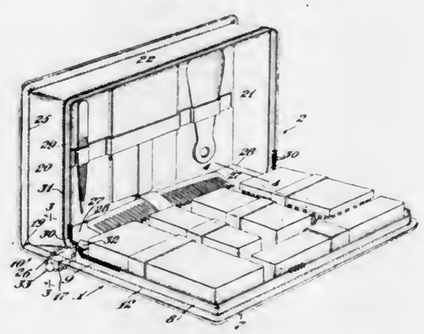
1. A refrigeration system comprising a refrigerated chamber; a container having a primary refrigerant therein; a circuit having a secondary refrigerant therein, said circuit including a condensing chamber in heat exchanging relation with said container and an evaporator in said refrigerated chamber, said condensing chamber being of sufficient volume to contain substantially the entire charge of secondary refrigerant; means in said circuit for controlling flow of the secondary refrigerant from said evaporator to said condensing chamber; and means responsive to temperature in said refrigerated chamber for actuating said flow-controlling means.

2,062,236
TYPEWRITING MACHINE
Hugo Schüler, Chemnitz, Germany, assignor to Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges., Schonau, near Chemnitz, Germany
Application January 2, 1935, Serial No. 141
In Germany December 28, 1933
16 Claims. (Cl. 197—149)



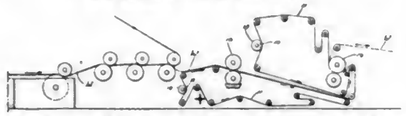
1. In a typewriting machine, particularly of the class using type bars, the combination with a machine frame and a carriage carrying a platen, of a plurality of parallel rails for guiding the carriage, arms constructed as double levers connected at one end with one of the rails and slotted at the other end, pivots mounted in the machine frame for movably holding said arms intermediate their ends, said arms being distributed over the length of the rail and positioned parallel to one another, slide members and grooved rollers for guiding the carriage on the adjustable rail and preventing its displacement transversely to the longitudinal direction of the rail, and means engaging the slotted ends of said arms to impart a rocking movement thereto to and fro in striking direction of the type faces.

2,062,237
CASE
Irving Schwartz, Newton, Mass.
Application February 20, 1936, Serial No. 64,829
5 Claims. (Cl. 132—79)



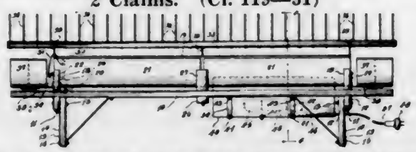
1. A case comprising a bottom member, a top member, a rear wall hinged at its lower edge to the bottom member and hinged at its upper edge to the top member, and a depending wall attached to and extending around the free margin of the top member, the ends of said depending wall being fastened to the rear wall thereby to support the top member in upstanding position when the top member is open and the rear wall is folded back into substantially the same plane as the bottom member.

2,062,238
PAPER MACHINERY
Albert H. Standley, Downington, Pa., assignor to Downington Manufacturing Company, Downington, Pa., a corporation of Pennsylvania
Application October 19, 1934, Serial No. 749,126
5 Claims. (Cl. 92—49)



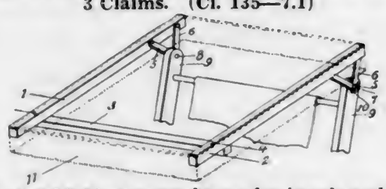
1. Paper-making apparatus, including a traveling endless felt supporting on its operative travel and upon one face thereof a paper web in the process of formation, and a light suction roll directly engaging and exerting suction action on said face of the felt during the return inoperative travel of the felt, said roll comprising a light perforated shell supported on anti-friction bearings and driven at the same speed as, and only by the travel of the felt thereabout, said roll being of a width equal to the width of the felt and being held against movement transversely of the felt, the engagement of the felt with the roll being through the pull of the felt alone.

2,062,239
POULTRY FEEDING AND WATERING DEVICE
Carl L. Thomsen, Milwaukee, Wis.
Application June 20, 1935, Serial No. 27,581
2 Claims. (Cl. 119—51)



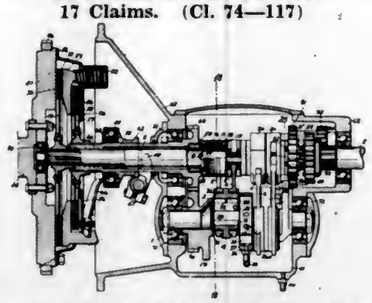
1. A device of the class described having a watering trough, walls of said trough being upwardly extended, a bar supported by said upwardly extended walls, guard means carried by said bar, said bar extending beyond the end of the trough, cradles removably mounting said trough, feed troughs mounted by the cradles on opposite sides of the watering trough, the feed troughs having their outer longitudinal walls curved upwardly and inwardly, cross bars supporting said cradles, brackets connected to the cross bars, and receptacles mounted by the brackets beyond the ends of said feed troughs, said receptacles being removable to provide clearance for the removal of said feed troughs.

2,062,240
CANOPY FRAME FOR BEACH OR LAWN CHAIRS
Harold S. Tornquist, Winchendon, Mass., assignor to Mason and Parker Manufacturing Co., Winchendon, Mass., an association of Massachusetts
Application February 20, 1936, Serial No. 64,960
3 Claims. (Cl. 135—7.1)



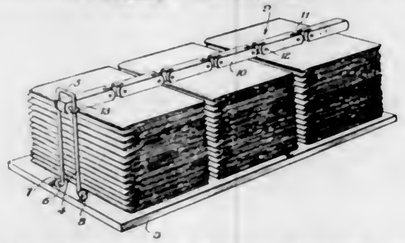
1. A foldable canopy frame for beach and lawn chairs, comprising side bars, a cross bar swingingly and permanently connected to the side bars adjacent to but spaced from one end, and connecting straps on each side bar adjacent the opposite end.

2,062,241
CONTINUOUSLY VARIABLE CHANGE SPEED MECHANISM
Sven Gösta Viberg, Gothenburg, Sweden, assignor to Nestor Hammarstrom and Gustaf Augustinus Sundberg, both of Gothenburg, Sweden
Application October 30, 1935, Serial No. 47,484
In Sweden October 31, 1934
17 Claims. (Cl. 74—117)



1. A continuously variable change speed mechanism, comprising a driving shaft, a driven shaft, reciprocating driving members between said shafts, one-way clutches for transforming the reciprocating movements of said driving members into a rotary movement of said driven shaft, means on said drive shaft for imparting a reciprocating movement to said driving members, hydraulically active means responsive to the turning moment of said driven shaft for automatically varying the length of stroke of said reciprocating driving members, and means for supplying a fluid to and discharging it from said hydraulically active means.

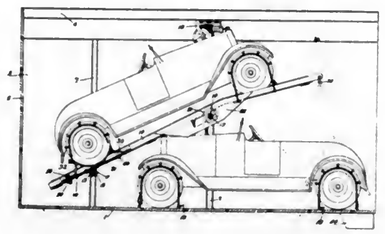
2,062,242
PERIODICAL HOLDER
Walter H. Voosen and Herman J. Voosen, Hollis, N. Y.
Application May 22, 1935, Serial No. 22,919
4 Claims. (Cl. 120—82)



1. A device of the character described, comprising a standard and a linear series of weights hingedly connected together, said series being attached to said standard so as to be moved vertically, said weights being so connected together as to be swung in a vertical plane relative to each other.

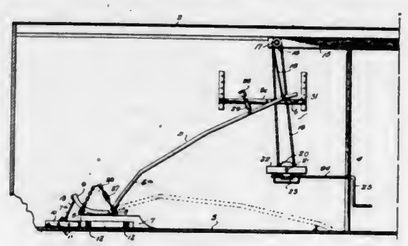
2,062,243
AUTO BOXCAR
Hubert L. Williams, Detroit, Mich., assignor, by mesne assignments, to The New York Central Railroad Company, Detroit, Mich., a corporation of Michigan
Application December 24, 1931, Serial No. 583,091
16 Claims. (Cl. 105—368)

1. In an auto boxcar, a pair of transversely spaced longitudinally extending wheel receiving tracks, a pair of longitudinally spaced transversely extending supports for the tracks, one of said supports providing a pivotal support for the frame about which the frame may be swung from a lowered loading position to an upwardly in-



clined shipping position, means adjustably connecting opposite ends of the supports to the car walls, means for varying the adjustment of one support independently of the other, and hoisting means connected to and extending in part through one of the supports.

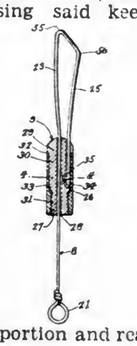
2,062,244
VEHICLE LOADING RACK AND LIFTING DEVICE
John S. Wilson and Clark W. Millspaugh, Detroit, Mich., and Edwin G. Overmire, New York, N. Y., assignors to The New York Central Railroad Company, a corporation of New York
Application March 10, 1932, Serial No. 598,054
12 Claims. (Cl. 105—368)



1. In a device for loading vehicles on a box car, supporting means attached to the car floor, vehicle anchoring means carried by said supporting means, a vehicle rack having vehicle supporting tracks and pivoted at one end thereof to the supporting means for movement in a vertical plane, means connected to the free end of the rack for raising and lowering the rack and holding it in adjusted position, and vehicle anchoring means carried by the rack.

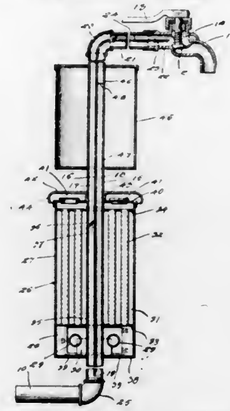
2,062,245
FISHING TACKLE ACCESSORY
Robert A. Arens, Chicago, Ill.
Application January 13, 1936, Serial No. 58,948
6 Claims. (Cl. 24—238)

1. A coupling device comprising a holder element having its leading end portion in the form of a split loop, a keeper element mounted on said holder element and provided with lengthwise and diametrically extending means for receiving respectively a portion of one of the side walls of the loop and the rear end wall of the loop for closing the latter, and a latching element encompassing said keeper element for



latching the said portion and rear end wall to the keeper element.

2,062,246
ANTIFREEZING DEVICE
Arius Atkinson, Stillwater, Okla., assignor of one-fourth to James E. Berry, Stillwater, Okla.
Application April 28, 1936, Serial No. 76,818
5 Claims. (Cl. 138—32)

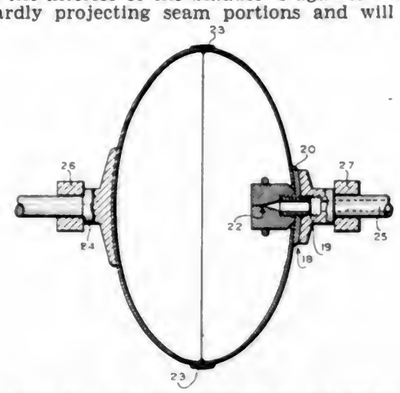


1. In a water system, a service pipe adapted to be connected at one end to a source of water supply, a valve at the other end of the pipe, a wall extending longitudinally of the pipe and dividing the pipe into two chambers, a heating member about the pipe, said pipe having spaced apart openings communicating with the heating member and with one of said chambers, and a check valve in one of said openings.

2,062,247
BLADDER FOR FOOTBALLS AND THE LIKE
Albert F. Heck, Amsterdam, N. Y., assignor to The Collette Manufacturing Company, Amsterdam, N. Y., a corporation of New York
Application April 13, 1934, Serial No. 720,498
3 Claims. (Cl. 273—65)

1. A bladder for inflatable balls composed of a plurality of sections of rubber, cut seams joining said sections with the cut edges directed toward and extending into the interior of said bladder, said seam presenting a smooth exterior portion recessed from the normal surface of the remainder of adjacent sections, a ribbon like strip of rubber united to the exterior portion of said bladder over the seam to hold the adjacent portions in the position described whereby air pressure

on the interior of the bladder is against said inwardly projecting seam portions and will tend



to force said portions together to maintain them in sealing relation.

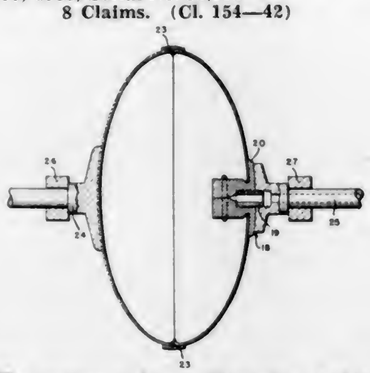
2,062,248

PROCESS OF MAKING BLADDERS FOR FOOTBALLS AND THE LIKE

Albert F. Heck, Amsterdam, N. Y., assignor to The Collette Manufacturing Company, Amsterdam, N. Y., a corporation of New York

Original application April 13, 1934, Serial No. 720,498. Divided and this application November 30, 1935, Serial No. 52,352

8 Claims. (Cl. 154—42)



1. The process of manufacturing a bladder for footballs and the like, which comprises cut-seaming from two superimposed sheets of uncured rubber two sections thereof in the shape of a bladder, curing the outside surfaces of the sections so cut-seamed, perforating one of said sections, turning said sections inside out through said perforation to expose the uncured sides of said sections, and then applying by suitable pressure to said uncured surface of said sections and over the seam thereof a rubber reinforcing tape.

2,062,249

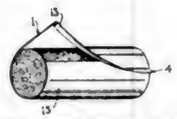
FOOD PACKAGE AND METHOD OF MAKING THE SAME

Otto Vade Clearwater, Hollis, N. Y., assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky., a corporation of Delaware

Application April 12, 1934, Serial No. 720,180

7 Claims. (Cl. 99—180)

4. A wrapper for ice cream consisting of a sheet of thin flexible wrapping material formed into a tube by folding it upon itself so that its opposite edges overlap, the upper edge being left free to form a flap, said upper edge being coated on one side with a substance having a different coefficient of contraction than the wrapping material, whereby the flap will curl away from the juxtaposed wall of the wrapper and be readily graspable while at the approximate temperature of the ice cream.



6. The method of making an ice cream package which consists of folding a sheet of thin flexible wrapping material upon itself so that its opposite edges overlap, peelably attaching the under edge to the overlying surface, the upper edge being left free to form a flap, coating one side of said flap with a substance having a different coefficient of contraction than that of the wrapping material, closing one end of said tube, sliding the tube onto a filling pipe, filling said tube with ice cream frozen to the consistency of a thickened liquid as the tube slides off the pipe, subjecting said filled tube to refrigeration until the ice cream is hardened and dividing said tube and said ice cream contained therein into sections.

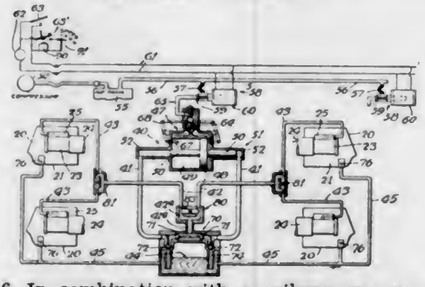
2,062,250

METHOD OF AND MEANS FOR LUBRICATING RAILWAY-CAR BEARINGS

Joseph A. Moller, Evanston, Ill., assignor to said Moller and Frederick G. Wacker, Lake Forest, Ill., trustees

Application February 12, 1934, Serial No. 710,791

24 Claims. (Cl. 184—7)



6. In combination with a railway car, an oil pump, means connecting said oil pump with journal boxes of the car to receive oil therefrom, discharge means leading from said pump to deliver oil to the bearings in said journal boxes, an air motor for said pump, a compressed air supply tank, and pressure-supply connections from said tank to said air motor, said air motor being adapted to actuate said pump to supply oil to said bearings under pressure sufficient to separate the bearing surfaces.

2,062,251

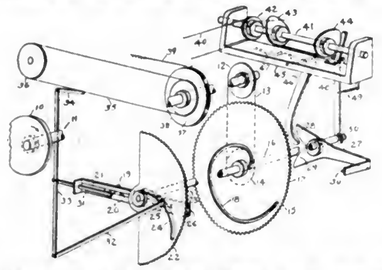
SYSTEM OF AUTOMATIC INTEGRATING CONTROL

Anita S. Reynolds, Greenwich, Conn.

Application June 30, 1932, Serial No. 620,143

38 Claims. (Cl. 236—70)

1. An automatic system for producing or maintaining a predetermined condition as temperature, pressure, etc., comprising means responsive to departure from said predetermined condition, means for applying an agent for producing or maintaining said condition and timing means independent of said first named means for varying the application of said agent at a rate which is a function of the rate of change from or to said predetermined condition.



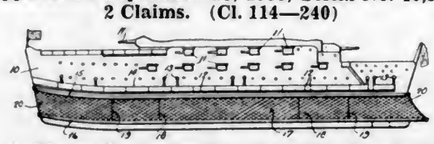
2,062,252

BATTLESHIP AND PROTECTOR

Frank Ruggieri, Brooklyn, N. Y.

Application September 13, 1935, Serial No. 40,506

2 Claims. (Cl. 114—240)



1. Means for protecting the hull of a battleship comprising a screen frame at each side of the ship, shafts extending longitudinally of the ship and interiorly thereof respectively adjacent opposite sides of the ship, rigid rods connecting the screen frames to the shafts, screw devices associated with the frames for moving them towards and away from the ship, motors for operating the screw devices, the frame including upper and lower rails and the screw devices including internally threaded upper and lower tubular rods connecting the rails to the adjacent shafts, screws threaded into the tubular rods, bearings at the upper ends of the motors for the upper screws, the lower screws being operated by the motors and sprocket chain drive connections between the upper and lower screws.

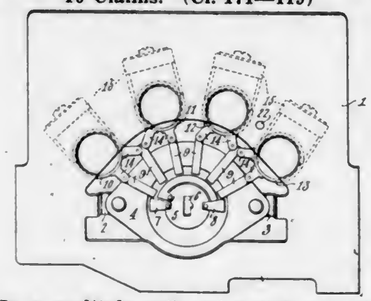
2,062,253

RADIO COIL AND SWITCH ASSEMBLY

Chester L. Walker, Daniel R. Moatz, and William Russell Allen, 3d, Springfield, Mass., assignors to United American Bosch Corporation, Springfield, Mass., a corporation of New York

Application June 9, 1936, Serial No. 84,246

10 Claims. (Cl. 171—119)



1. In a multiple coil and switch assembly, a bracket, a pair of multipole switch members supported in spaced relation upon said bracket, a front wall on said bracket and having a plurality of projections extending from the rear side thereof, a plurality of coil forms carrying windings, means including said switch members for supporting said coil forms, and means including said projections for preventing relative displacement between said coil forms.

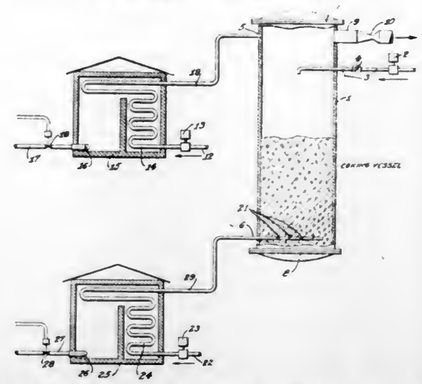
2,062,254

METHOD OF COKING HYDROCARBON LIQUIDS

Harold V. Atwell, White Plains, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J., a corporation of Delaware

Application June 10, 1933, Serial No. 675,147

2 Claims. (Cl. 202—15)



1. The method of reducing a hydrocarbon liquid to coke, which comprises introducing a hydrocarbon liquid to be coked into a coking zone, heating a stream of relatively light hydrocarbon fluid to a cracking temperature while in transit through a confined heating zone, discharging the heated products into the coking zone wherein separation of vapors and residual hydrocarbons takes place, and said residual hydrocarbons are retained and coked, periodically and rapidly varying the pressure within the range of from 10 to 280 pounds per square inch under which said relatively light hydrocarbon fluid is supplied to said confined heating zone, and restricting the flow of vapors from said coking zone to effect a resultant fluctuating pressure variation therein to thereby produce a dense coke.

2,062,255

PIGMENT MANUFACTURE

Arthur Minard Brooks and Harold Robert Rafton, Andover, Mass., assignors to Raffold Process Corporation, a corporation of Massachusetts

No Drawing. Application August 12, 1932, Serial No. 628,616

34 Claims. (Cl. 134—58)

1. In the manufacture of pigment conjointly with alkali metal hydroxide by the reaction of a causticizing agent with a causticizable alkali metal salt in the presence of water, the improvement which consists in producing the pigment in the form of slow settling particles of very fine size in conjunction with alkali metal hydroxide in the presence of water by a modification of the causticizing operation comprising reacting upon said causticizable salt with a previously slaked causticizing agent at a temperature up to and not exceeding 70° C., and maintaining the re-

action mix at a temperature up to and not exceeding 70° C. during at least a substantial part of the reaction.

25. In the manufacture of pigment conjointly with alkali metal hydroxide, the improvement which consists in producing the pigment in substantially colloidal form in conjunction with alkali metal hydroxide in the presence of water by a modification of the causticizing operation comprising reacting upon a causticizable alkali metal salt with a previously slaked causticizing agent in the presence of water at a temperature up to and not exceeding 70° C., and maintaining the reaction mix at a temperature up to and not exceeding 70° C. during at least a substantial part of the reaction, the concentration of causticizing agent calculated in the form originally used to total volume of reaction mix being less than substantially .7 pound to the gallon.

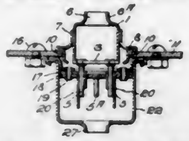
2,062,256

PLUG AND SOCKET SHIELD AND GROUND CONNECTER

Scipione M. Del Camp, Maywood, Ill., assignor to Cinch Manufacturing Corporation, Chicago, Ill., a corporation of Illinois

Application August 3, 1935, Serial No. 34,593

18 Claims. (Cl. 173—332)



3. In combination with an apertured supporting strip, electrical plug and socket members located on opposite sides of said strip, each of said members having a metal cup and carrying respective stud or socket electrical contact elements, the stud contact elements of one of said members adapted to extend through an aperture of said strip for cooperative engagement with the socket contact elements of the other of said members when said members are in connected relation, the cup of said plug member having a metal collar attached thereto and a means connected with said collar for detachably securing said member to said strip, the cup of said socket member being rigidly attached to said strip, said latter cup having a hollow metal shield assembled therewith and completely enclosing said cup, and each of said members having an aperture whereby at least one conduit is passed into said member for attachment with the contact elements of said respective members.

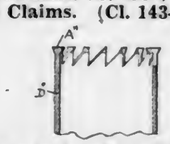
2,062,257

TUBULAR SAW

Edwin R. Douglas, Baltimore, Md., and John J. Heins, Jr., and Alexander Edel, Philadelphia, Pa., assignors to Harry Barker, Montclair, N. J.

Application December 18, 1934, Serial No. 758,086

5 Claims. (Cl. 143—85)



2. A tubular saw in which the teeth are wider at their cutting edges than the thickness of the tube wall and decrease in width regularly toward the roots of the teeth, the depth of these widened parts, toward the roots of the teeth being substantially less than the depth of the teeth.

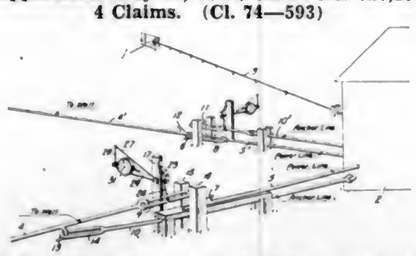
2,062,258

ROD LINE CONNECTER CONTROL

Irwin L. Dunn, Tulsa, Okla., assignor to Dunn & Lewis, a partnership composed of Irwin L. Dunn and James O. Lewis, Tulsa, Okla.

Application May 23, 1934, Serial No. 727,104

4 Claims. (Cl. 74—593)



4. In combination with a power line having pump and power sections, coupling members on said sections, a support, a latch releasably connected with the support, latch carrying means on the support, means connecting the latch with one of said coupling members to support said coupling member out of engagement with the other coupling member, clock mechanism on the support having a rotating member, and a flexible member wound on the rotating member and operably connected with the latch carrying means for effecting release of the latch upon actuation of the rotary member by said clock mechanism.

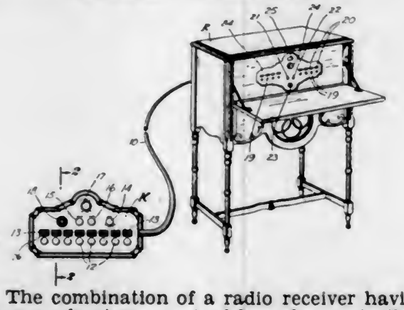
2,062,259

REMOTE CONTROL DEVICE FOR RADIO RECEIVERS

Adolph A. Thomas, New York, N. Y., assignor to Radio Corporation of America, New York, N. Y., a corporation of Delaware

Application February 26, 1930, Serial No. 431,377

4 Claims. (Cl. 250—20)



1. The combination of a radio receiver having tuning mechanism, a set of keys for controlling said mechanism, a remote control box having a like set of keys for controlling said mechanism independently of said first set of keys, the corresponding keys of each set representing a selected station, a locking device for each set of keys to prevent an actuated key from returning to normal position, and means whereby the operation of a key in one set actuates the locking device of the other set to release a previously actuated key.

2,062,260

CARBURETOR

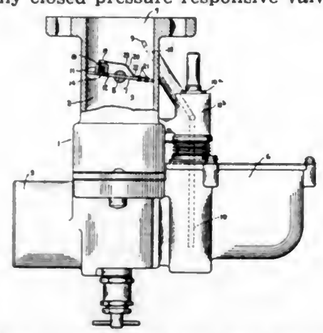
Walter H. Weber, Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich., a corporation of Michigan

Application December 13, 1933, Serial No. 702,103

7 Claims. (Cl. 261—39)

1. A carburetor, comprising a casing having a mixture passageway provided with an outlet, a

throttle valve in said passageway and controlling said outlet, said valve having a port therethrough, a normally closed pressure responsive valve con-



trolling flow through said port, and temperature responsive means also controlling flow through said port.

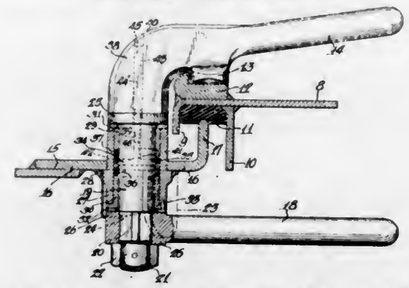
2,062,261

PACKING FOR DOORS

Newell Brackett, Philadelphia, Pa., assignor to Crane Packing Company, a corporation of Illinois

Application July 10, 1934, Serial No. 734,476

3 Claims. (Cl. 114—117)



1. In a construction of a door having a handle, a spindle integrally connected with said handle at an angle thereto and having a passage through part of the length of said spindle threaded at its outer end and terminating near said integral connection, and having a communicating passage to the exterior surface of the spindle, a bearing for the spindle within the door having a space for packing within the bearing at the point where the second passage emerges at the surface of the spindle, a threaded plug fitting the thread of the first passage and having a piston in advance of the thread of the plug extending into that part of the first passage which is not threaded, a second handle for the spindle, a fixed door plate, and cooperating devices between one of said handles and the plate, for fastening the door in closed position.

2,062,262

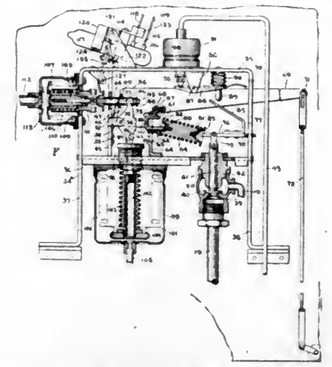
CONTROL DEVICE

Earnest J. Dillman, Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich., a corporation of Michigan

Application June 17, 1930, Serial No. 461,669

26 Claims. (Cl. 236—92)

7. A control apparatus of the character described, comprising means responsive to a fluid characteristic, switch means for controlling an electric circuit, a control device movable to two positions, and means operable by said responsive means to actuate said switch means and said device, said last-named means being operable to actuate said switch means to circuit making and to circuit breaking positions irrespective and



independently of actuation of said device and to actuate said device to each of said positions independently of actuation of said switch means.

2,062,263

PRODUCING DIACETYL

Ernst Eberhardt, Ludwigshafen-on-the-Rhine, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application July 27, 1934, Serial No. 737,203. In Germany August 8, 1933

3 Claims. (Cl. 260—134)

1. A process of producing diacetyl which comprises causing a vinyl compound selected from the group consisting of divinyl and vinyl acetylene to react with an aqueous solution of a mercuric salt in the presence of an oxygen containing strong inorganic acid in the ratio of one molecular proportion of the said vinyl compound to at least 4 molecular proportions of HgO, heating the white precipitate of the mercuric addition compound obtained at a temperature of between 70–100° centigrade until it has become yellow and working up the reaction product while acid.

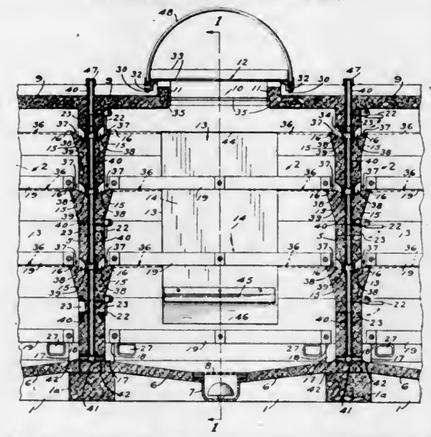
2,062,264

SANITARY FERMENTATION AND DEHYDRATING APPARATUS

John B. Goldsborough, Croton-on-Hudson, N. Y.

Application September 23, 1931, Serial No. 564,519

20 Claims. (Cl. 195—142)



15. In apparatus for converting organic mat-

ter, a cell having a wall, means forming liquid-draining channels at different levels on the wall, there being recesses in the wall for causing the liquid to flow into the wall, and a conduit extending downwardly through the wall and in communication with said recesses to receive the liquid therefrom, said downwardly extending conduit having a liquid outlet through the wall in the lower portion thereof.

18. In apparatus for converting organic matter, adjacent cells having a wall therebetween provided with passages opening into the interiors of said cells, individual closures for said passages operable to place the interiors into and out of communication with each other, and means for controlling said closures.

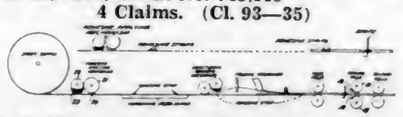
2,062,265

METHOD OF MAKING SEALED BAGS

Howze Haskell, Richmond, Va., assignor to James River Paper Products, Inc., Richmond, Va.

Original application January 12, 1934, Serial No. 706,424. Divided and this application September 22, 1934, Serial No. 745,119

4 Claims. (Cl. 93—35)



2. In the process of making a bag from sheet material by folding the sheet to form a tube with the edges of the sheet overlapping and joined by a longitudinal seam of adhesive, severing the tube into sections, and closing one end of each section to form the bottom of the bag; the improvement which comprises applying to the sheet, before it is folded, discrete transverse strips of a rapidly hardening adhesive, said transverse strips being continuous across the complete width of the sheet and on only one side of the sheet; and located so as to form complete rings of adhesive inside of said tube adjacent each end of each tube section; then hardening said adhesive strips; the folding of each part of said tube bearing a transverse strip of adhesive being carried out after the transverse strip of adhesive thereon has hardened; and thereafter reactivating the transverse strip of adhesive located at the end of each tube section which is to form the bottom of the bag and sealing the same by pressing on opposite sides of the tube while it is in flat condition; the transverse strip of adhesive at the other end of each tube section being left unsealed and being adapted to be sealed after the bag is filled, to form an impervious closure.

2,062,266

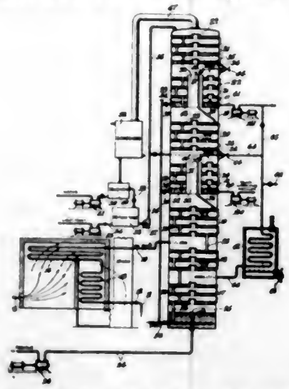
DISTILLATION

Leo D. Jones, Philadelphia, Pa., assignor to The Sharples Specialty Company, Philadelphia, Pa., a corporation of Delaware

Application November 3, 1930, Serial No. 493,037

28 Claims. (Cl. 196—94)

1. In a method for the fractionation of oil, the steps comprising introducing the oil in a heated state into a zone of a fractionating tower at an intermediate level thereof, maintaining a flow of reflux liquid downwardly in the tower, withdrawing fractions of the oil having different boiling ranges from the tower respectively at different levels thereof, and introducing into the tower at a point not above the level thereof at which the highest-boiling distillate is withdrawn an auxiliary liquid of higher molecular weight than water and heated to a temperature above that of said zone and less susceptible to thermal



decomposition than the highest-boiling of the resulting fractions which is formed by distillation.

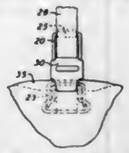
2,062,267

GARMENT SUPPORTING CLASP

Ernest C. Kastner and Henry W. Falstrom, Bloomfield, N. J.

Application March 13, 1934, Serial No. 715,308

19 Claims. (Cl. 24—251)



1. In a clasp, a frame, a link member loosely secured to the frame in order to be swung to operative and inoperative positions, and a member slidable on the frame to a position wherein a portion thereof overlaps the link member when in the closed or operative position, said frame having offset portions in the lower part thereof to limit the downward movement of the slidable member.

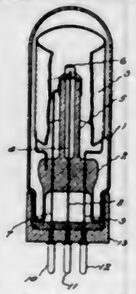
2,062,268

ELECTRICAL DISCHARGE DEVICE

Dewey D. Knowles, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania

Application November 19, 1926, Serial No. 149,290

6 Claims. (Cl. 250—27.5)



1. A gaseous rectifier device comprising a cylindrical cathode, an elongated anode supported substantially axially of said cathode, insulating means closely surrounding said anode

for the major portion of its length and a screen electrode supported by the insulating means and positioned in the path normally traversed by electrons between said electrodes.

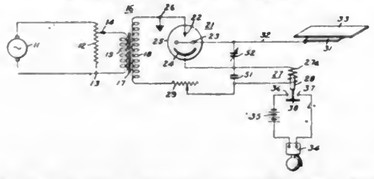
2,062,269

PROTECTIVE SYSTEM

Dewey D. Knowles, Wilkinsburg, Pa.

Application May 3, 1928, Serial No. 274,743

5 Claims. (Cl. 177—314)



1. A translating system comprising an electric discharge device of the grid-glow tube type containing a gaseous atmosphere and having a control electrode and a plurality of unexcitable principal electrodes, a unitary source of electrical energy having two poles and impedance connections therewith for impressing potentials between said principal electrodes and between said control electrode and at least one of said principal electrodes to maintain said device in one of its conditions of operation, means coupled to said control electrode and responsive to the presence of a foreign body in the region thereof to vary the potential between said control electrode and said one principal electrode thereby to vary the condition of operation of said device and means to respond to said variation in the condition of said device to indicate the presence of said foreign body.

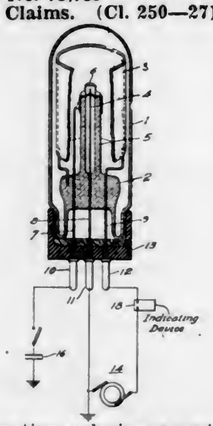
2,062,270

ELECTRIC DISCHARGE APPARATUS

Dewey D. Knowles, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania

Original application June 21, 1933, Serial No. 676,903. Divided and this application April 22, 1936, Serial No. 75,759

9 Claims. (Cl. 250—27)



1. In combination, a device comprising an evacuated envelope containing a cathode, a normally completely insulated electrostatic control member, an anode and an inert gas at a pressure sufficient to support an arc-like discharge at the impressed voltage, a source of alternating current for impressing potentials between said anode and cathode, a load circuit connected between said anode and cathode, a current path between said load circuit and ground, an electrostatic capacitor and means for connecting and disconnecting at will said capacitor between said electrostatic control member and ground.

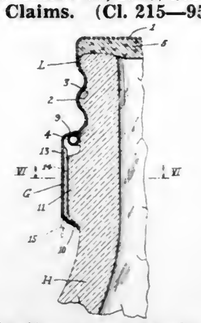
2,062,271

RECEPTACLE CLOSURE

Augustus L. Merolle, Brooklyn, N. Y., assignor of one-half to The Empire Metal Cap Co., Inc., Brooklyn, N. Y., a corporation of New York

Application November 22, 1933, Serial No. 699,182

6 Claims. (Cl. 215—95)



1. In combination, a receptacle and a closure therefor, said closure comprising a cap member and a separately formed retaining band removable to permit removal of the cap, and said band and the receptacle having relative shoulder forming parts interengaging to hold the band against rotary movement upon the receptacle.

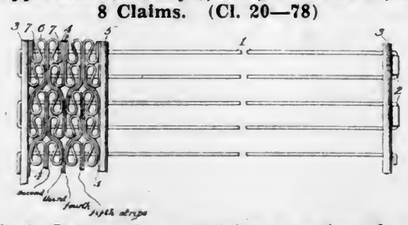
2,062,272

FLOOR MAT

Carl A. Olson, Kansas City, Mo., assignor, by mesne assignments, to The Helping Hand Institute, Kansas City, Mo., a corporation of Missouri

Application January 6, 1936, Serial No. 57,699

8 Claims. (Cl. 20—78)



1. A floor mat, comprising a series of cross members and a series of flexible strips disposed in sidewise abutting relation and cross-wise of and mounted on all of said members, the strips having series of suitably-spaced double loops, adjacent loops facing in opposite directions cross-wise with respect to the same members.

2,062,273

METHOD FOR REMOVING COLLOIDS FROM LITHOGRAPHIC PRINTING SURFACES

Robert F. Reed, Paul W. Dorst, and Anthony George, Cincinnati, Ohio, assignors to The Lithographic Technical Foundation, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application November 28, 1933, Serial No. 700,115

6 Claims. (Cl. 87—5)

3. A new method of removing bichromated colloid films containing glue from lithographic

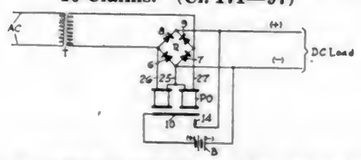
printing surfaces, said method, comprising, treating the lithographic surfaces with an aqueous solution containing an alkaline earth chloride and an alkaline earth hydroxide.

2,062,274

POWER SUPPLY SYSTEM

Frank X. Rees, Albany, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

Application July 22, 1935, Serial No. 32,565
16 Claims. (Cl. 171—97)



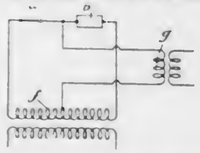
5. In a power supply system for railroads, the combination with a load circuit, of a source of alternating current, a double wave rectifier connecting said source to said load circuit, a relay having two windings with one terminal of each winding connected to one wire of the load circuit, the other terminals of said relay windings being connected to the input terminals of said rectifier, whereby said windings of said relay are alternately energized by half cycles of current of opposite polarity from said source of alternating current but are not energized by current from the load circuit, and means operated by said relay for connecting said battery to said load circuit.

2,062,275

SOUND-TRANSMISSION, SOUND-RECORDING, AND SOUND-REPRODUCING SYSTEM

Alan Dower Blumlein, West Ealing, London, England, assignor to Electric & Musical Industries Limited, Hayes, England

Application November 8, 1934, Serial No. 752,147
In Great Britain February 10, 1934
6 Claims. (Cl. 179—1)



1. A system of sound transmission comprising a plurality of loud speakers, a velocity microphone element and a pressure microphone element, a plurality of channels connecting said microphone elements to said loud speakers, and means by which the impulse transmitted in one channel is composed of half the sum of the microphone outputs while the impulse transmitted in another channel is composed of half the difference of the microphone outputs.

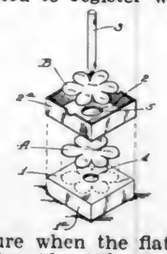
2,062,276

ARTIFICIAL FLOWER-MAKING DEVICE

Robert N. Burton, River Forest, Ill., assignor to Kirchen Bros. Inc., Chicago, Ill., a corporation of Illinois

Application October 20, 1934, Serial No. 749,141
4 Claims. (Cl. 41—2)

1. An apparatus, for containing and folding into flower-form petal elements of an artificial flower, comprising a box member consisting of a diaphragm wall and a peripheral flange projecting at one side only of the diaphragm wall, a cooperating box member engageable with said flange for closing the box cavity, the diaphragm having a relatively small central aperture, a substantially flat member having also a central aperture adapted to register with the box dia-



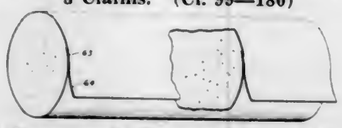
phragm aperture when the flat member is applied to the outer side of the diaphragm with the box member resting on its flange, and a thrust rod dimensioned for thrust through the registered apertures with clearance for accommodating the thickness of the petal elements which are to be folded through said apertures.

2,062,277

FROZEN CONFECTION

Almond C. Routh, Sandusky, Ohio, assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky., a corporation of Delaware

Application May 15, 1933, Serial No. 671,176
3 Claims. (Cl. 99—180)



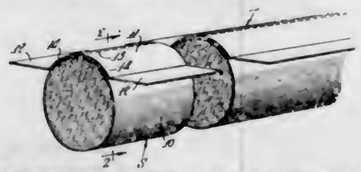
1. A frozen confection comprising an elongated bar of ice cream or the like enclosed within a tubular bag of paper or like material closed at one end, the tubular wrapper having a longitudinally extending laterally outwardly projecting wing of the wrapper material, the bar and wrapper being adapted to be cut transversely into separate portions each comprising a portion of ice cream in a peripheral wrapper comprising a portion of the wrapper material having a flap extending laterally therefrom adapted to facilitate removal of the peripheral wrapper from the ice cream servable portion.

2,062,278

FROZEN COMESTIBLE PACKAGE

Clarence W. Vogt, Louisville, Ky., assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky., a corporation of Delaware

Application January 17, 1934, Serial No. 707,005
9 Claims. (Cl. 99—180)



1. A frozen comestible package including a solid block of ice cream or the like and a wrapper including a plurality of separate sections of sheet material, said sections cooperatively peripherally enclosing the block and including overlapping

portions, spaced lines of adhesive material securing the overlapped portions of the sections together, said wrapper affording outwardly projecting finger tabs and one of said sections having a weakened line therein between the lines of adhesive material whereby said section is adapted to rupture when the tabs are pulled in opposite directions.

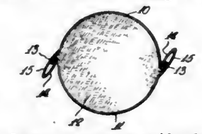
2,062,279

PACKAGED COMESTIBLE

Clarence W. Vogt, Greenwich, Conn., assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky., a corporation of Delaware

Application October 30, 1934, Serial No. 750,630
4 Claims. (Cl. 99—180)

1. An individual service portion of ice cream or the like, comprising a substantially cylindrical solid block of ice cream or the like and a wrapper including a pair of sections of sheet material, each of a width substantially equal to the length of the block and of slightly greater length than half the circumference of the block, one end of each section being folded outwardly



upon itself to form a comparatively narrow flange and the opposite end of each section being folded inwardly upon itself to form a wider flange, the free edge of the wider flange of each section being disposed between the narrow flange and the body portion of the other section.

DESIGNS

NOVEMBER 24, 1936

102,023
DESIGN FOR A CARRYING HANDLE
George A. Adams, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Application April 7, 1936, Serial No. 61,989
Term of patent 14 years



The ornamental design for a carrying handle as shown and described.

102,024
DESIGN FOR A BUCKLE
Pearl F. Ashton, Providence, R. I., assignor to Ernest E. Weller, operating as E. E. Weller Co., Providence, R. I.
Application October 14, 1936, Serial No. 65,295
Term of patent 3½ years



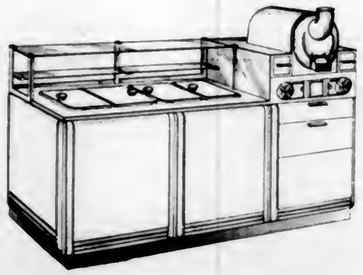
The ornamental design for a buckle substantially as shown.

102,025
DESIGN FOR A DICE BOX
Milton M. Coles, Chicago, Ill.
Application February 7, 1936, Serial No. 61,018
Term of patent 3½ years



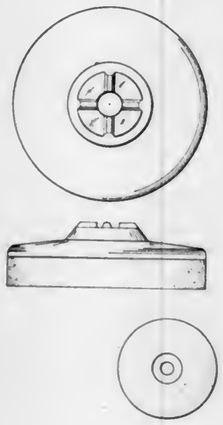
The ornamental design for a dice box, as shown.

102,026
DESIGN FOR A COMBINED ICE CREAM FREEZER AND DISPLAY COUNTER
Everett B. Eckland, Oak Park, Ill.
Application March 28, 1936, Serial No. 61,828
Term of patent 7 years



The ornamental design for a combined ice cream freezer and display counter as shown.

102,027
DESIGN FOR A GRINDING WHEEL
Chester F. Gailor, Brooklyn, N. Y.
Application May 16, 1935, Serial No. 56,858
Term of patent 7 years



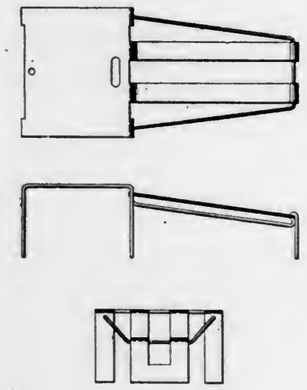
The ornamental design for a grinding wheel, as shown.

102,028
DESIGN FOR A SHOE
John J. Gaughan, Boston, Mass., assignor to Hookless Fastener Company, Meadville, Pa., a corporation of Pennsylvania
Application April 23, 1936, Serial No. 62,257
Term of patent 14 years



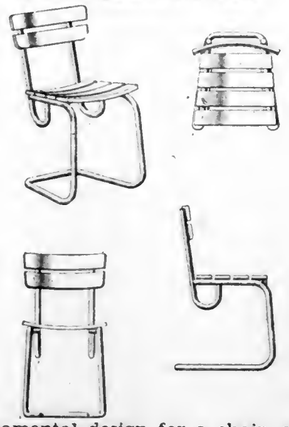
The ornamental design for a shoe, substantially as shown.

102,029
DESIGN FOR A COMBINED STOOL AND MILK PAIL SUPPORT
Emmett W. Gillaspie, New Castle, Pa.
Application September 12, 1936, Serial No. 64,827
Term of patent 7 years



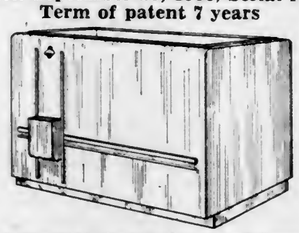
The ornamental design for a combined stool and milk pail support substantially as shown.

102,030
DESIGN FOR A CHAIR
Wolfgang Hoffmann, Batavia, Ill., assignor to The Howell Company, St. Charles, Ill., a corporation of Illinois
Application March 30, 1936, Serial No. 61,847
Term of patent 3½ years



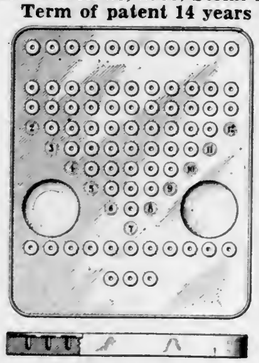
The ornamental design for a chair, as shown and described.

102,031
DESIGN FOR A REFRIGERATOR CABINET BODY
Paul M. Koons, Muncie, Ind., assignor to Glascock Brothers Mfg. Co., Muncie, Ind., a corporation of Indiana
Application September 23, 1936, Serial No. 64,979
Term of patent 7 years



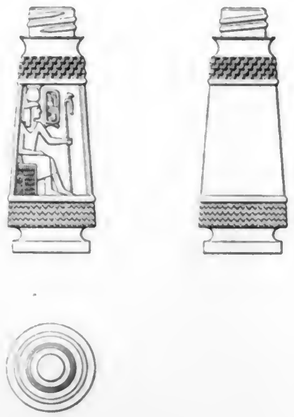
The ornamental design for a refrigerator cabinet body, as shown and described.

102,032
DESIGN FOR A GAME BOARD
Vincent Linfante, Brooklyn, N. Y.
Application March 16, 1936, Serial No. 61,659
Term of patent 14 years



The ornamental design for a game board, as shown.

102,033
DESIGN FOR A BOTTLE
Leo Mann, Providence, R. I.
Application April 14, 1936, Serial No. 62,112
Term of patent 14 years



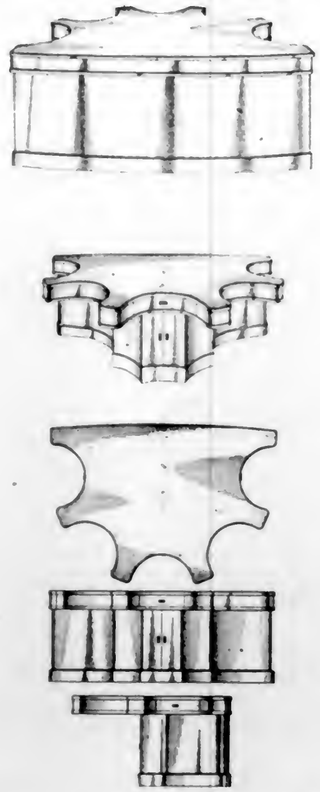
The ornamental design for a bottle, substantially as shown and described.

102,034
DESIGN FOR A SKI-BOOT
Gustav Mayer, Schwaebisch Gmuend, Germany, assignor to Rudolf Mayer and Max Mayer, Marblehead, Mass.
Application July 8, 1936, Serial No. 63,705
Term of patent 7 years



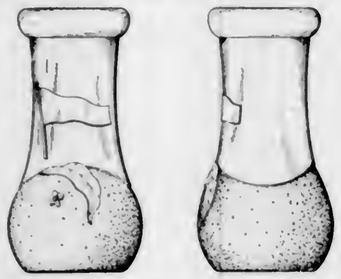
The ornamental design for a ski-boot, substantially as shown.

102,035
DESIGN FOR A TABLE
Arthur E. Meyerhoff, Chicago, Ill.
Application October 12, 1936, Serial No. 65,267
Term of patent 14 years



The ornamental design for a table, as shown.

102,036
DESIGN FOR A BOTTLE
Walter D. Plummer, Toledo, Ohio, assignor to Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio
Application October 3, 1936, Serial No. 65,151
Term of patent 14 years



The ornamental design for a bottle substantially as shown.

102,037
DESIGN FOR A NECKTIE
Ray Ross, St. Louis, Mo.
Application September 4, 1936, Serial No. 64,725
Term of patent 3½ years



The ornamental design for a necktie, as shown.

102,038
DESIGN FOR A BUCKLE
Jacob I. Schaffer, New York, N. Y.
Application September 23, 1936, Serial No. 64,984
Term of patent 3½ years



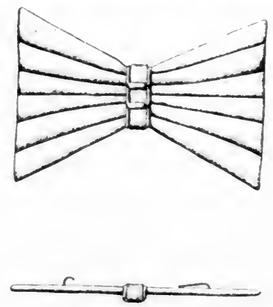
The ornamental design for a buckle, as shown.

102,039
DESIGN FOR A BUCKLE
Jacob I. Schaffer, New York, N. Y.
Application September 23, 1936, Serial No. 64,985
Term of patent 3½ years



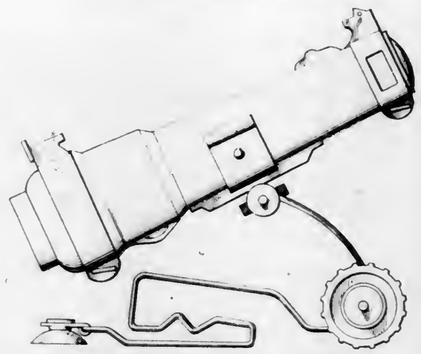
The ornamental design for a buckle as shown.

102,040
DESIGN FOR A BUCKLE
Jacob I. Schaffer, New York, N. Y.
Application September 23, 1936, Serial No. 64,986
Term of patent 3½ years



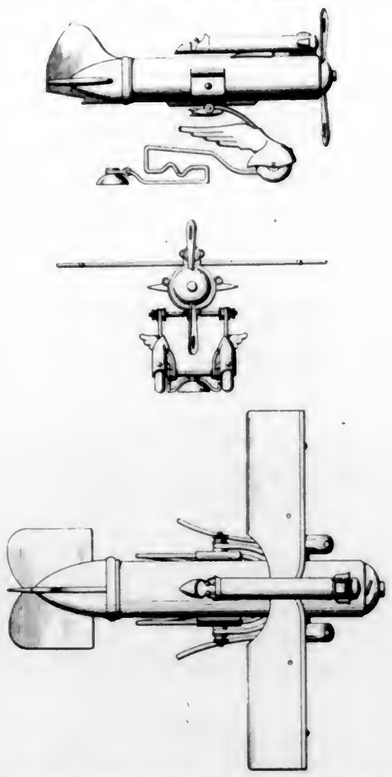
The ornamental design for a buckle as shown.

102,041
DESIGN FOR A TOY CANNON
David A. Vaughan, Woodstock, N. Y.
Application August 31, 1936, Serial No. 64,656
Term of patent 3½ years



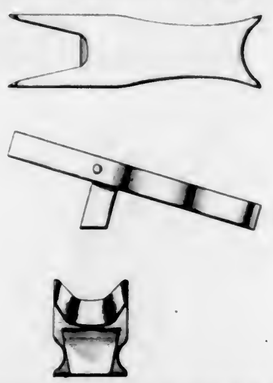
The ornamental design for a toy cannon, as shown.

102,042
DESIGN FOR A TOY AEROPLANE
David A. Vaughan, Woodstock, N. Y.
Application August 31, 1936, Serial No. 64,657
Term of patent 3½ years



The ornamental design for a toy aeroplane, as shown.

102,043
DESIGN FOR A BOOT JACK
Marion O. Westbrook, Sonora, Tex.
Application June 6, 1936, Serial No. 63,082
Term of patent 3½ years



The ornamental design for a boot jack as shown.

102,044
DESIGN FOR A CHAIR
Abraham S. Wexelblatt, Philadelphia, Pa., assignor to Bunting Glider Company, Philadelphia, Pa., a corporation of Pennsylvania
Application October 26, 1936, Serial No. 65,512
Term of patent 7 years



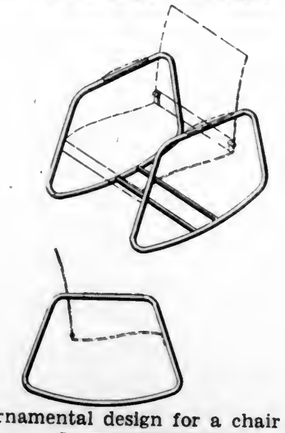
The ornamental design for a chair as shown.

102,045
DESIGN FOR A CHAIR
Abraham S. Wexelblatt, Philadelphia, Pa., assignor to Bunting Glider Company, Philadelphia, Pa., a corporation of Pennsylvania
Application October 26, 1936, Serial No. 65,513
Term of patent 7 years



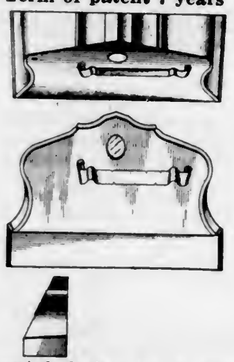
The ornamental design for a chair as shown.

102,046
DESIGN FOR A CHAIR
Abraham S. Wexelblatt, Philadelphia, Pa., assignor to Bunting Glider Company, Philadelphia, Pa., a corporation of Pennsylvania
Application October 26, 1936, Serial No. 65,514
Term of patent 7 years



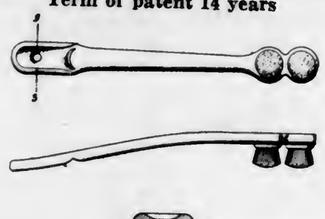
The ornamental design for a chair as shown.

102,047
DESIGN FOR A MONUMENT
Jacob H. Wise, Chicago, Ill.
Application April 29, 1936, Serial No. 62,374
Term of patent 7 years



The ornamental design for a monument, as shown.

102,048
DESIGN FOR A PROPHYLACTIC DEVICE FOR THE ORAL CAVITY
Edwin I. Brothers and Abe R. Brothers, Brooklyn, N. Y.
Application October 19, 1935, Serial No. 59,138
Term of patent 14 years



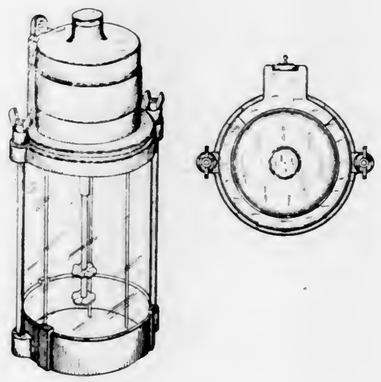
The ornamental design for a prophylactic device for the oral cavity, as shown.

102,049
DESIGN FOR A PENCIL
Albert L. Davis, Watertown, Conn., assignor to Wallace Pencil Company, St. Louis County, Mo., a corporation of Missouri
Application September 21, 1936, Serial No. 64,943
Term of patent 14 years



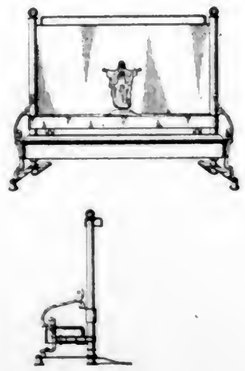
The ornamental design for a pencil, as shown and described.

102,050
DESIGN FOR A SAND WASHER
Harry W. Dietert, Detroit, Mich.
Application August 17, 1936, Serial No. 64,455
Term of patent 7 years



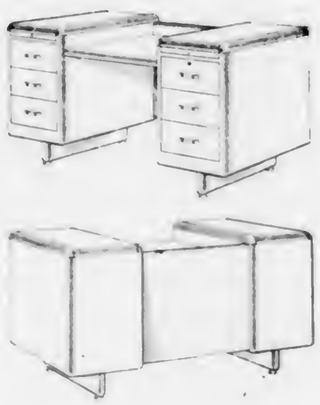
The ornamental design for a sand washer substantially as shown.

102,051
DESIGN FOR A KNEELING RAIL OR SIMILAR ARTICLE
Leonard A. Goldsmith, Chicago, Ill.
Application August 31, 1936, Serial No. 64,644
Term of patent 14 years



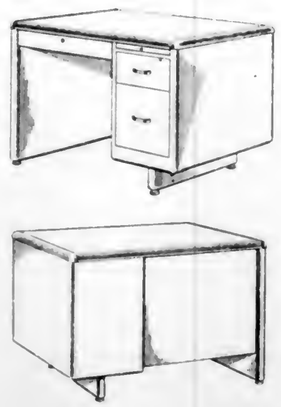
The ornamental design for a kneeling rail, or a similar article as shown.

102,052
DESIGN FOR A DESK OR SIMILAR ARTICLE
James R. Jones, Jamestown, N. Y., assignor to Art Metal Construction Company, Jamestown, N. Y.
Application September 22, 1936, Serial No. 64,952
Term of patent 7 years



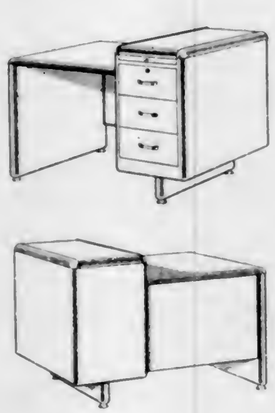
The ornamental design for a desk or similar article, substantially as shown.

102,053
DESIGN FOR A DESK OR SIMILAR ARTICLE
James R. Jones, Jamestown, N. Y., assignor to Art Metal Construction Company, Jamestown, N. Y.
Application September 22, 1936, Serial No. 64,953
Term of patent 7 years



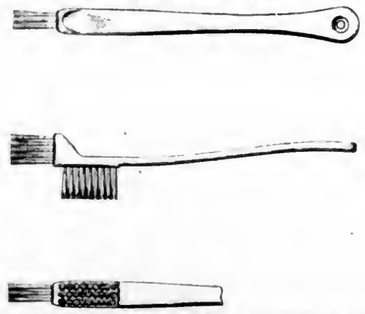
The ornamental design for a desk or similar article, substantially as shown.

102,054
DESIGN FOR A DESK OR SIMILAR ARTICLE
James R. Jones, Jamestown, N. Y., assignor to Art Metal Construction Company, Jamestown, N. Y.
Application September 22, 1936, Serial No. 64,954
Term of patent 7 years



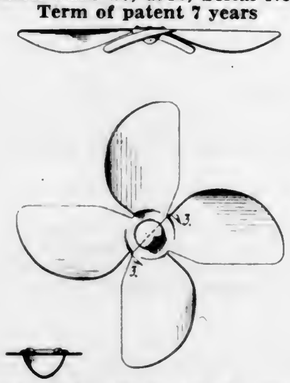
The ornamental design for a desk or similar article, substantially as shown.

102,055
DESIGN FOR A BRUSH
Nicholas Kirsten, Detroit, Mich.
Application September 8, 1936, Serial No. 64,768
Term of patent 7 years



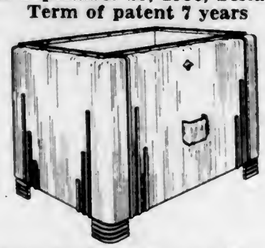
The ornamental design for a brush, as shown and described.

102,056
DESIGN FOR A COMBINED FAN BLADE AND SHAFT GUARD
Andrew S. Knapp, St. Louis, Mo., assignor to Knapp-Monarch Company, St. Louis, Mo., a corporation of Missouri
Application June 26, 1936, Serial No. 63,503
Term of patent 7 years



The ornamental design for a combined fan blade and shaft guard, as shown.

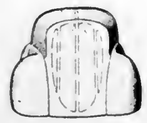
102,057
DESIGN FOR A REFRIGERATOR CABINET BODY
Paul M. Koons, Muncie, Ind., assignor to Glascock Brothers Mfg. Co., Muncie, Ind., a corporation of Indiana
Application September 23, 1936, Serial No. 64,980
Term of patent 7 years



The ornamental design for a refrigerator cabinet body, as shown and described.

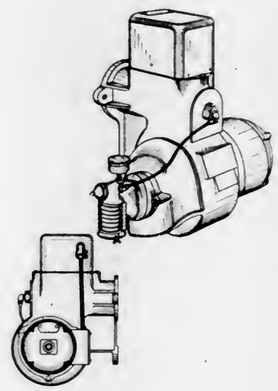
102,058
DESIGN FOR A JUVENILE VEHICLE BODY
Herman L. Kraeft, Cleveland Heights, Ohio, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application April 8, 1936, Serial No. 62,004
Term of patent 7 years





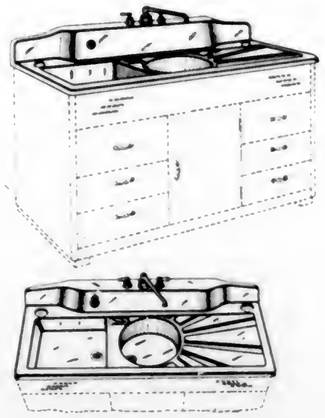
The ornamental design for a juvenile vehicle body, substantially as shown and described.

102,059
DESIGN FOR AN OIL BURNER
Emert J. Lattner, Cedar Rapids, Iowa
Application October 17, 1936, Serial No. 65,332
Term of patent 7 years



The ornamental design for an oil burner, as shown and described.

102,060
DESIGN FOR A CABINET SINK
Lee C. Love and Parke F. Jones, Columbus, Ohio, assignors to The Ebco Manufacturing Co., Columbus, Ohio, a corporation of Ohio
Application September 2, 1936, Serial No. 64,695
Term of patent 7 years



The ornamental design for a cabinet sink, as shown and described.

102,061
DESIGN FOR A TARGET PRACTICING DEVICE
Fred C. McClellan, Chicago, Ill.
Application September 28, 1936, Serial No. 65,026
Term of patent 14 years



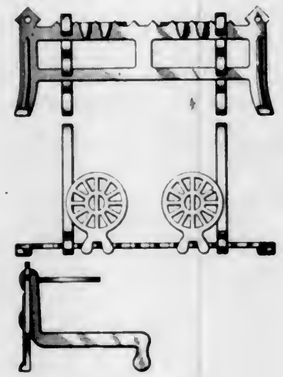
The ornamental design for a target practicing device, as shown.

102,062
DESIGN FOR A STEMMED GOBLET OR SIMILAR ARTICLE
William P. Morrison, Mount Pleasant, Pa., assignor to Bryce Brothers Company, Mount Pleasant, Pa., a corporation of Pennsylvania
Application September 2, 1936, Serial No. 64,698
Term of patent 14 years



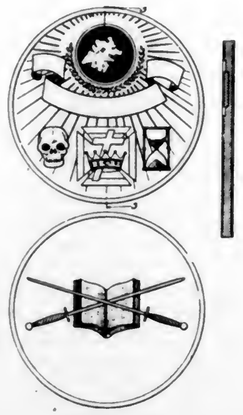
The ornamental design for a stemmed goblet or similar article substantially as shown and described.

102,063
DESIGN FOR AN ANDIRON
Avery L. Norman, Dobson, N. C.
Application December 16, 1935, Serial No. 60,116
Term of patent 7 years



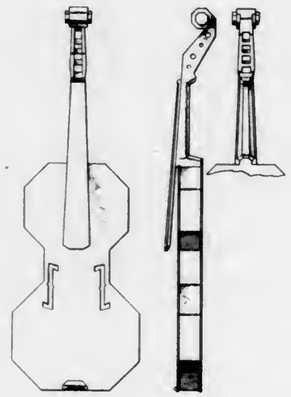
The ornamental design for an andiron, as shown and described.

102,064
DESIGN FOR A MEDAL OR SIMILAR ARTICLE
Dwight A. Parish, Vancouver, Wash.
Application September 17, 1935, Serial No. 58,597
Term of patent 3½ years



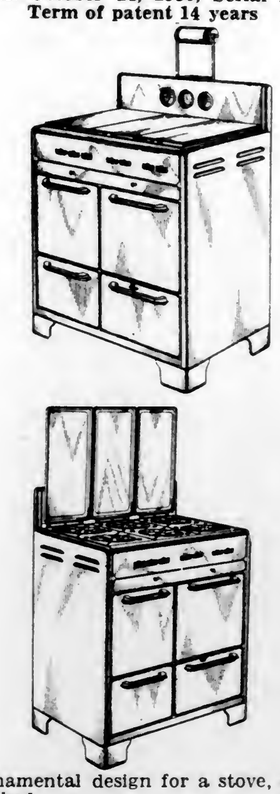
The ornamental design for a medal or similar article, as shown and described.

102,065
DESIGN FOR A VIOLIN OR SIMILAR ARTICLE
Arthur F. Randall and Gustavus A. Ostermeyer, Boston, Mass.
Application March 4, 1935, Serial No. 61,464
Term of patent 14 years



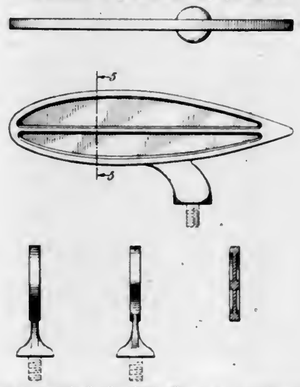
The ornamental design for a violin or similar article, as shown and described.

102,066
DESIGN FOR A STOVE
John C. Rogers, Oak Park, Ill., assignor to Crown Stove Works, Cicero, Ill., a corporation of Illinois
Application October 14, 1936, Serial No. 65,299
Term of patent 14 years



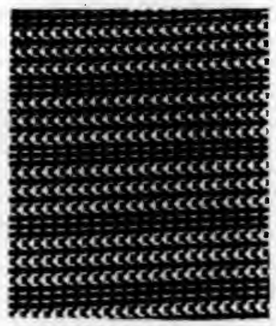
The ornamental design for a stove, as shown and described.

102,067
DESIGN FOR AN AUTOMOBILE RADIATOR CAP ORNAMENT
Albert Sebek, Cicero, Ill.
Application September 8, 1936, Serial No. 64,760
Term of patent 3½ years



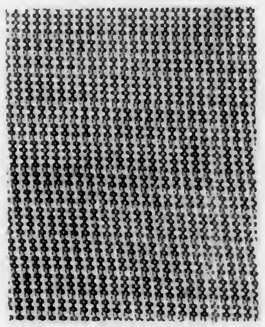
The ornamental design for an automobile radiator cap ornament as shown.

102,068
DESIGN FOR A KNITTED FABRIC
Benjamin Siegel, West New York, N. J.
Application October 14, 1936, Serial No. 65,303
Term of patent 7 years



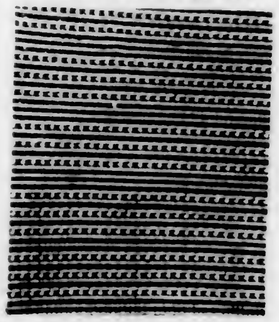
The ornamental design for a knitted fabric, as shown.

102,069
DESIGN FOR A KNITTED FABRIC
Benjamin Siegel, West New York, N. J.
Application October 14, 1936, Serial No. 65,304
Term of patent 7 years



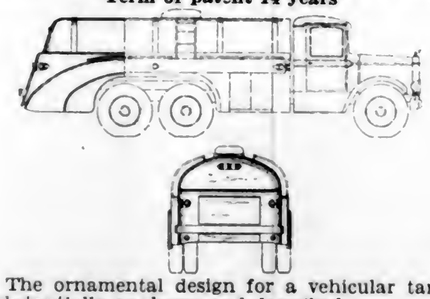
The ornamental design for a knitted fabric, as shown.

102,070
DESIGN FOR A KNITTED FABRIC
Benjamin Siegel, West New York, N. J.
Application October 14, 1936, Serial No. 65,305
Term of patent 7 years



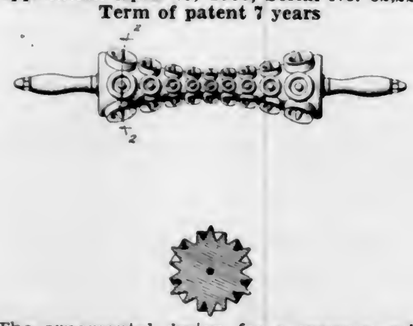
The ornamental design for a knitted fabric, as shown.

102,071
DESIGN FOR A VEHICULAR TANK
Frederick G. Thwaits, Wauwatosa, Wis., assignor to The Heil Co., Milwaukee, Wis., a corporation of Wisconsin
Application October 19, 1936, Serial No. 65,345
Term of patent 14 years



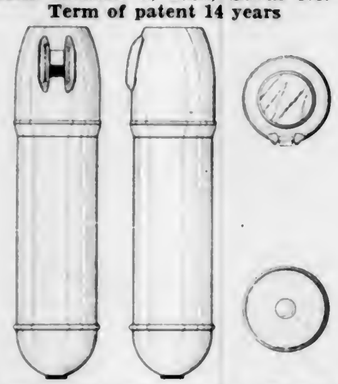
The ornamental design for a vehicular tank, substantially as shown and described.

102,072
DESIGN FOR A MASSAGE ROLLER
Kate P. Woodside, Greenville, S. C.
Application April 20, 1936, Serial No. 62,224
Term of patent 7 years



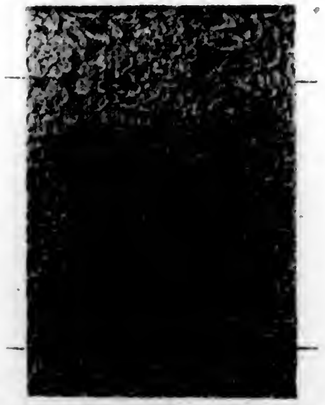
The ornamental design for a massage roller as shown.

102,073
DESIGN FOR A FLASHLIGHT
Colin Douglas Barrett, Watertown, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application October 2, 1936, Serial No. 65,147
Term of patent 14 years



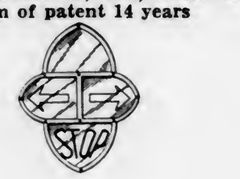
The ornamental design for a flashlight, as shown.

102,074
DESIGN FOR A LACE
Leon Birnbaum, New York, N. Y.
Application October 19, 1936, Serial No. 65,352
Term of patent 3½ years



The ornamental design for a lace substantially as shown and described.

102,075
DESIGN FOR A COMBINATION TAIL AND SIGNAL LIGHT
Branny Bleczinski, Methuen, Mass.
Application September 22, 1936, Serial No. 64,964
Term of patent 14 years



The ornamental design for a combination tail and signal light as shown.

102,076
DESIGN FOR A HANDLE STICK FOR A CONFECTIONERY PRODUCT
Joseph V. Cariffe, Chicago, Ill., assignor to the Joe Lowe Corporation, New York, N. Y., a corporation of Delaware
Application February 3, 1936, Serial No. 60,961
Term of patent 14 years



The ornamental design for a handle stick for a confectionery product substantially as shown and described.

102,077
DESIGN FOR A LACE
Bert Edson, Pawtucket, R. I., assignor to New England Lace Mills, Inc., New York, N. Y., a corporation of New York
Application October 7, 1936, Serial No. 65,196
Term of patent 3½ years



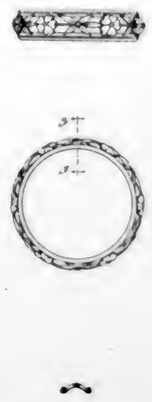
The ornamental design for a lace, substantially as shown.

102,078
DESIGN FOR A LACE
Bert Edson, Pawtucket, R. I., assignor to New England Lace Mills, Inc., New York, N. Y.
Application October 19, 1936, Serial No. 65,353
Term of patent 3½ years



The ornamental design for a lace, substantially as shown.

102,079
DESIGN FOR A FINGER RING
Frederick J. Gaertner, Maplewood, N. J.
Application October 12, 1936, Serial No. 65,258
Term of patent 7 years



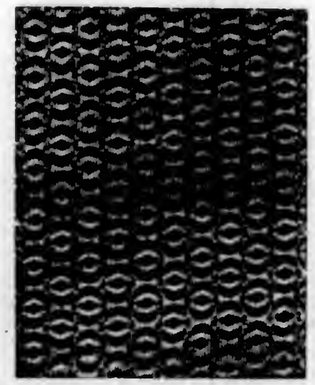
The ornamental design for a finger ring as shown.

102,080
DESIGN FOR LACE
Laurence E. Hart and Herbert E. Lewy, New York, N. Y.
Application October 23, 1936, Serial No. 65,430
Term of patent 3½ years



The ornamental design for lace, substantially as shown.

102,081
DESIGN FOR LACE
Laurence E. Hart and Herbert E. Lewy, New York, N. Y.
Application October 23, 1936, Serial No. 65,431
Term of patent 3½ years



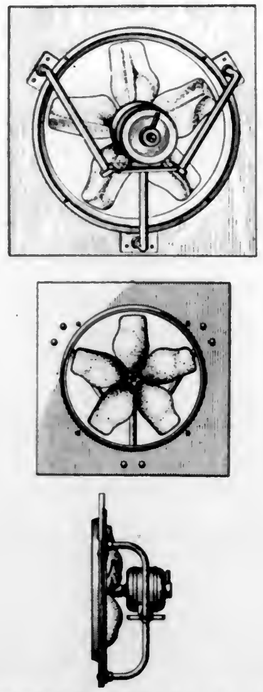
The ornamental design for lace, substantially as shown.

102,082
DESIGN FOR LACE
Laurence E. Hart and Herbert E. Lewy, New York, N. Y.
Application October 23, 1936, Serial No. 65,432
Term of patent 3½ years



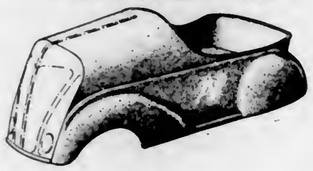
The ornamental design for lace, substantially as shown.

102,083
DESIGN FOR AN EXHAUST FAN
Herman C. Hueglin, Chicago, Ill., assignor to Airmaster Corporation, Chicago, Ill., a corporation of Illinois
Application February 3, 1936, Serial No. 60,963
Term of patent 7 years



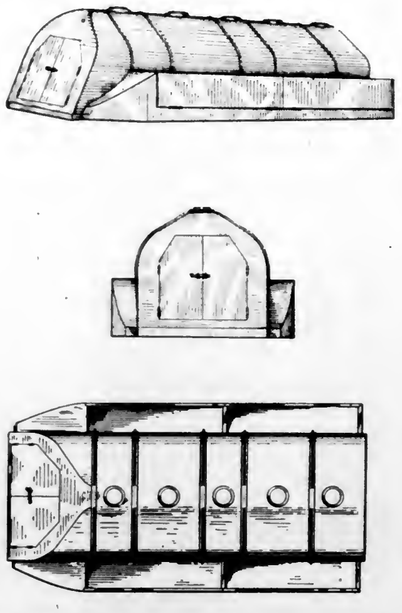
The ornamental design for an exhaust fan, as shown.

102,084
DESIGN FOR A JUVENILE VEHICLE BODY
Herman L. Kraeft, Cleveland Heights, Ohio, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application April 8, 1936, Serial No. 62,003
Term of patent 7 years



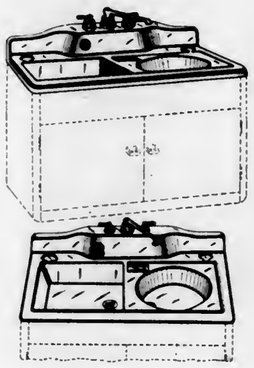
The ornamental design for a juvenile vehicle body, substantially as shown and described.

102,085
DESIGN FOR AN AUTOMOBILE TANK
Earl C. Liston, Denver, Colo., assignor to Eaton Metal Products Co., Denver, Colo.
Application March 17, 1936, Serial No. 61,671
Term of patent 7 years



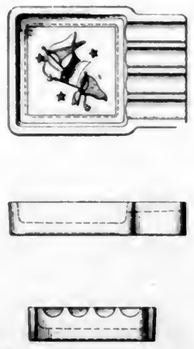
The ornamental design for an automobile tank, as shown.

102,086
DESIGN FOR A CABINET SINK
Lee C. Love and Parke F. Jones, Columbus, Ohio, assignors to The Ebco Manufacturing Co., Columbus, Ohio, a corporation of Ohio
Application April 27, 1936, Serial No. 62,339
Term of patent 7 years



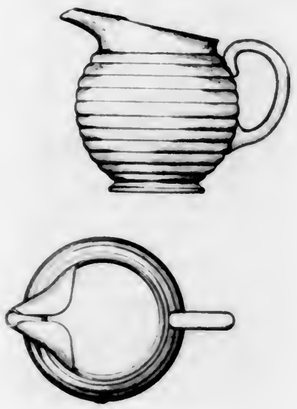
The ornamental design for a cabinet sink as shown and described.

102,087
DESIGN FOR AN ASH TRAY
William E. Mackelfresh, Jr., Chicago, Ill., assignor to Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio
Application October 1, 1936, Serial No. 65,118
Term of patent 7 years



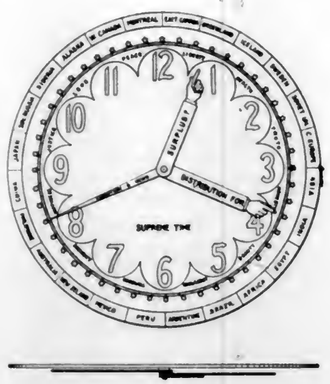
The ornamental design for an ash tray substantially as shown.

102,088
DESIGN FOR A PITCHER
William E. Mackelfresh, Jr., Chicago, Ill., assignor to Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio
Application October 1, 1936, Serial No. 65,119
Term of patent 14 years



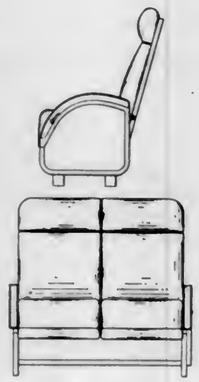
The ornamental design for a pitcher, substantially as shown.

102,089
DESIGN FOR A COMBINED DIAL AND HANDS FOR A CLOCK OR SIMILAR ARTICLE
Louis Moro, Danbury, Conn.
Application April 8, 1936, Serial No. 62,020
Term of patent 14 years



The ornamental design for a combined dial and hands for a clock or similar article, as shown.

102,090
DESIGN FOR A VEHICLE CHAIR
Ray W. Naegele, Fairview Village, Ohio, assignor to Bender Body Co. and The White Motor Co., jointly, both of Cleveland, Ohio
Application August 10, 1936, Serial No. 64,332
Term of patent 7 years



The ornamental design for a vehicle chair as shown.

102,091
DESIGN FOR A GLASS BOWL OR SIMILAR ARTICLE
Albert H. Nicholson, Columbus, Ohio, assignor to The Federal Glass Company, Columbus, Ohio, a corporation of Ohio
Application September 29, 1936, Serial No. 65,065
Term of patent 14 years



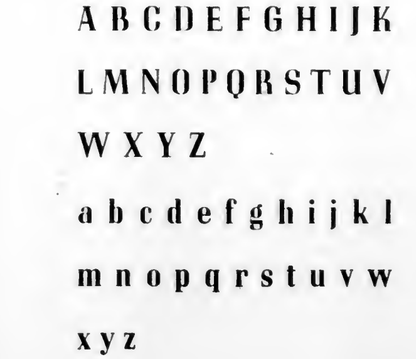
The ornamental design for a glass bowl or similar article, as shown.

102,092
DESIGN FOR AN ICE CREAM CONE
Harold Payne, Cincinnati, Ohio, assignor to Premier Cone Baking Company, Cincinnati, Ohio, a corporation of Ohio
Application July 29, 1936, Serial No. 64,117
Term of patent 7 years



The ornamental design for an ice cream cone, as shown.

102,093
DESIGN FOR PRINTING TYPE FONT
Imre Reiner, Lugano, Switzerland, assignor to Bauer Type Foundry, Inc., New York, N. Y., a corporation of New York
Application November 25, 1935, Serial No. 59,732
Term of patent 7 years



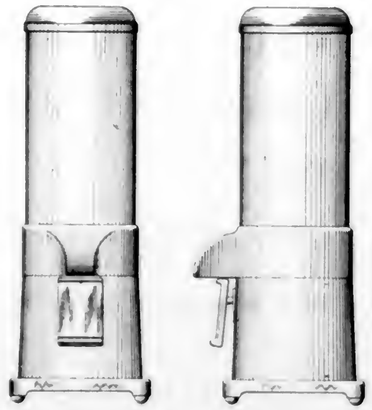
The ornamental design for printing type font as shown.

102,094
DESIGN FOR A COAT
Samuel Sandhaus, New York, N. Y.
Application November 2, 1936, Serial No. 65,637
Term of patent 3½ years



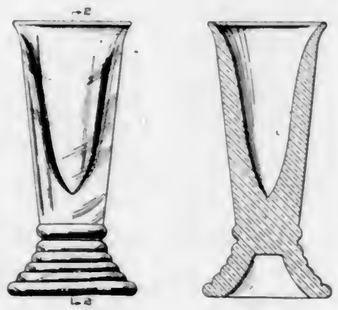
The ornamental design for a coat, substantially as shown.

102,095
DESIGN FOR A CASING FOR AN ICE BREAKING MACHINE OR SIMILAR ARTICLE
John J. Shively, New York, N. Y.
Application September 29, 1936, Serial No. 65,053
Term of patent 14 years



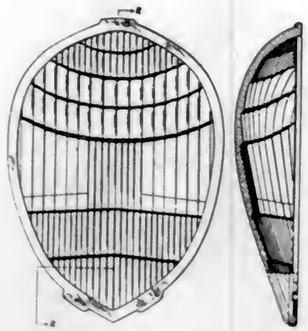
The ornamental design for a casing for an ice breaking machine or similar article as shown.

102,096
DESIGN FOR A GLASS TUMBLER
Donald M. Smith, Jeannette, Pa., assignor to McKee Glass Company, Jeannette, Pa., a corporation of Pennsylvania
Application September 28, 1936, Serial No. 65,029
Term of patent 14 years



The ornamental design for a glass tumbler as shown.

102,097
DESIGN FOR AN AUTOMOBILE LENS
Maurice A. Smith, Jeannette, Pa., assignor to McKee Glass Company, Jeannette, Pa., a corporation of Pennsylvania
Application September 28, 1936, Serial No. 65,028
Term of patent 14 years



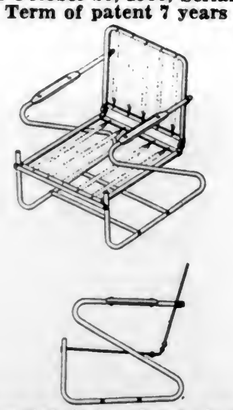
The ornamental design for an automobile lens as shown.

102,098
DESIGN FOR A WOVEN TEXTILE FABRIC
John L. Walther, New York, N. Y.
Application July 1, 1936, Serial No. 63,596
Term of patent 3½ years



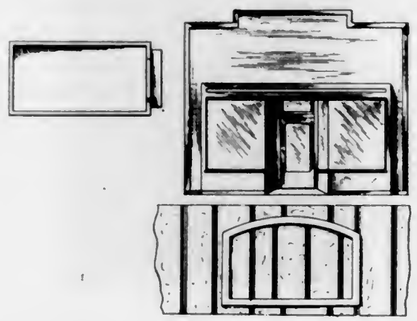
The ornamental design for a woven textile fabric substantially as shown and described.

102,099
DESIGN FOR A CHAIR
Abraham S. Wexelblatt, Philadelphia, Pa., assignor to Bunting Glider Company, Philadelphia, Pa., a corporation of Pennsylvania
Application October 26, 1936, Serial No. 65,511
Term of patent 7 years



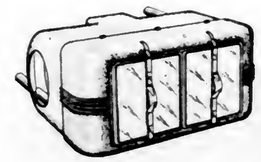
The ornamental design for a chair as shown.

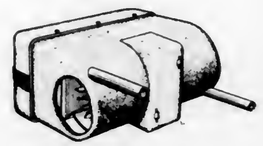
102,100
DESIGN FOR A STORE
William Donald White, Algona, Iowa
Application July 14, 1936, Serial No. 63,841
Term of patent 7 years



The ornamental design for a store, as shown and described.

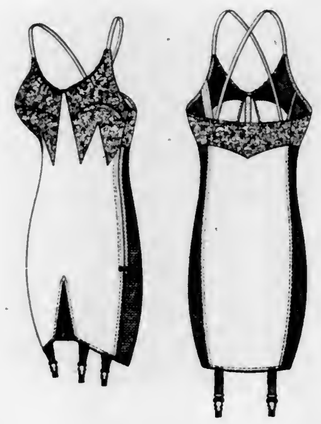
102,101
DESIGN FOR AN AUTOMOBILE HEATER
Carl H. Will and Henry W. Fink, Minneapolis, Minn., assignors to Tropic-Aire, Incorporated, Minneapolis, Minn., a corporation of Delaware
Application June 29, 1936, Serial No. 63,574
Term of patent 3½ years





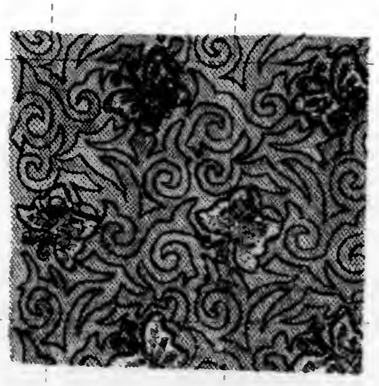
The ornamental design for an automobile heater as shown.

102,102
DESIGN FOR A FOUNDATION GARMENT FOR WOMEN
Hildegard Wipperman, Chicago, Ill., assignor to The H. W. Gossard Co., Chicago, Ill., a corporation of Delaware
Application October 2, 1936, Serial No. 65,128
Term of patent 3½ years



The ornamental design for a foundation garment for women, substantially as shown.

102,103
DESIGN FOR AN EMBROIDERED NET
Jack J. Blackstone, New York, N. Y.
Application November 2, 1936, Serial No. 65,635
Term of patent 3½ years



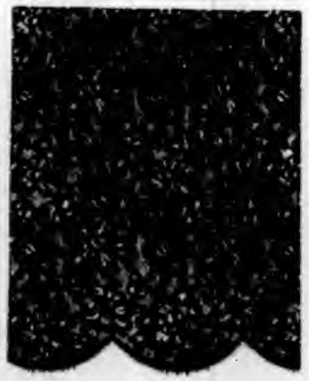
The ornamental design for an embroidered net substantially as shown and described.

102,104
DESIGN FOR LACE
Jean Dognin, New York, N. Y.
Application October 31, 1936, Serial No. 65,612
Term of patent 3½ years



The ornamental design for lace, substantially as shown.

102,105
DESIGN FOR LACE
Jean Dognin, New York, N. Y.
Application November 2, 1936, Serial No. 65,638
Term of patent 3½ years



The ornamental design for lace, substantially as shown.

102,106
DESIGN FOR LACE
Jean Dognin, New York, N. Y.
Application November 2, 1936, Serial No. 65,639
Term of patent 3½ years



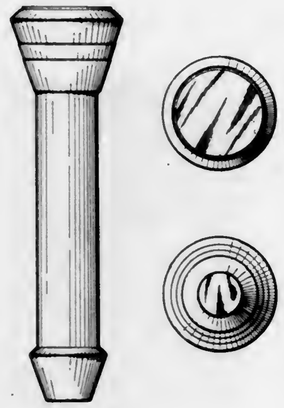
The ornamental design for lace, substantially as shown.

102,107
DESIGN FOR LACE
Jean Dognin, New York, N. Y.
Application November 3, 1936, Serial No. 65,658
Term of patent 3½ years



The ornamental design for lace, substantially as shown.

102,108
DESIGN FOR A FLASHLIGHT CASING
Burdon P. Hyde, Naugatuck, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application October 21, 1936, Serial No. 65,414
Term of patent 14 years



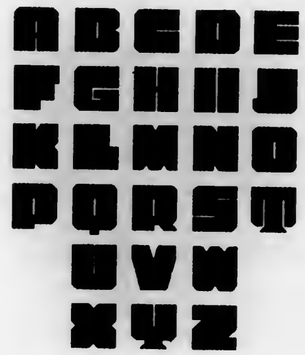
The ornamental design for a flashlight casing, substantially as shown.

102,109
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Bernard N. Kane, East Liverpool, Ohio, assignor to The Hall China Company, East Liverpool, Ohio, a corporation of Ohio
Application May 26, 1936, Serial No. 62,841
Term of patent 7 years



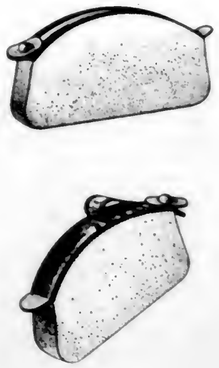
The ornamental design for a plate or similar article, as shown and described.

102,110
DESIGN FOR AN ALPHABET
Lewis H. Klein, Chicago, Ill.
Application April 22, 1935, Serial No. 56,502
Term of patent 14 years



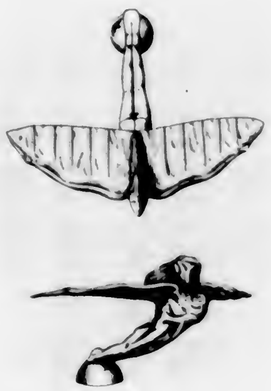
The ornamental design for an alphabet as shown and described.

102,111
DESIGN FOR A HANDBAG OR SIMILAR ARTICLE
Ernest Konelsky, Paris, France
Application October 12, 1936, Serial No. 65,257
Term of patent 7 years



The ornamental design for a handbag or similar article substantially as shown and described.

102,112
DESIGN FOR A RADIATOR ORNAMENT OR SIMILAR ARTICLE
Alexis V. Lapteff, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application March 16, 1936, Serial No. 61,656
Term of patent 3½ years



The ornamental design for a radiator ornament or similar article, substantially as shown.

102,113
DESIGN FOR A LADY'S BELT OR SIMILAR ARTICLE
Joseph Levine, New York, N. Y.
Application October 14, 1936, Serial No. 65,302
Term of patent 3½ years



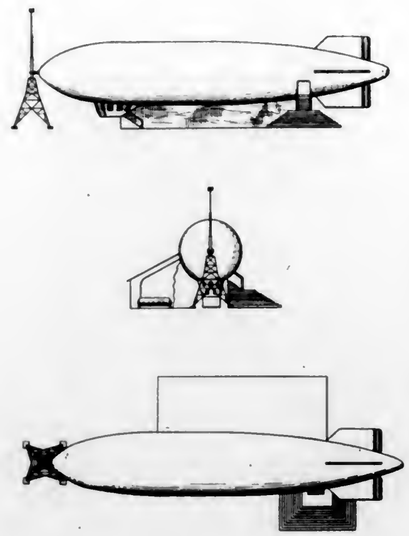
The ornamental design for a lady's belt or similar article as shown and described.

102,114
DESIGN FOR A HANDKERCHIEF
Solomon E. Rains, New York, N. Y.
Application July 15, 1936, Serial No. 63,842
Term of patent 3½ years



The ornamental design for a handkerchief as shown and described.

102,115
DESIGN FOR A BUILDING
Robert J. Shaw, Philadelphia, Pa.
Application February 24, 1936, Serial No. 61,323
Term of patent 14 years



The ornamental design for a building as shown and described.

102,116
DESIGN FOR A PRINTED FABRIC
William A. Basser, New York, N. Y.
Application October 26, 1936, Serial No. 65,507
Term of patent 3½ years



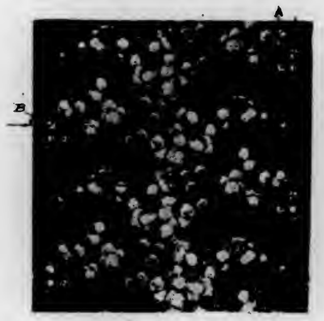
The ornamental design for a printed fabric as shown and described.

102,117
DESIGN FOR A PRINTED TEXTILE FABRIC OR SIMILAR ARTICLE
Marion R. Hamre, Brooklyn, N. Y.
Application October 24, 1936, Serial No. 65,466
Term of patent 3½ years



The ornamental design for a printed textile fabric or similar article as shown and described.

102,118
DESIGN FOR A PRINTED TEXTILE FABRIC OR SIMILAR ARTICLE
Marion R. Hamre, Brooklyn, N. Y.
Application October 24, 1936, Serial No. 65,467
Term of patent 3½ years



The ornamental design for a printed textile fabric or similar article as shown and described.

102,119
DESIGN FOR A PRINTED TEXTILE FABRIC OR SIMILAR ARTICLE
Marion R. Hamre, Brooklyn, N. Y.
Application October 24, 1936, Serial No. 65,468
Term of patent 3½ years



The ornamental design for a printed textile fabric or similar article, as shown.

102,120
DESIGN FOR A PILE FABRIC
William H. Rollinson, New York, N. Y.
Application October 28, 1936, Serial No. 65,551
Term of patent 3½ years



The ornamental design for a pile fabric, substantially as shown, and described.

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OF THE

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DECEMBER

1936

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WASHINGTON : 1937

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Atlas Supply Company. (See Gane, Charles L.)

Austin, Frank E., Hanover, N. H. Scenic insect cages. Serial Nos. 381,103–4; Dec. 1. Class 50.

Barber Asphalt Company, The, Philadelphia, Pa. Asphalt shingles. Serial No. 375,835; Dec. 1. Class 12.

Bass, Ratcliff & Gretton Limited, Burton-on-Trent, England. Beer, ale, stout, and porter. Serial No. 384,403; Dec. 1. Class 48.

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Capitol Amplifier Company. (See Thomsen, L. W.)

Carpenter, L. E., & Co., Inc., Newark, N. J. Fabrics coated with cellulose derivatives and fabrics coated with resinous material. Serial No. 381,258; Dec. 1. Class 50.

Cava Packing Company, Inc., San Francisco, Calif. Canned fruit cocktail, canned fruits, canned vegetables, etc. Serial No. 383,720; Dec. 1. Class 46.

Chadron Flour Mills, Chadron, Nebr. Self rising pancake flour, wheat hearts, yellow corn meal, etc. Serial No. 383,215; Dec. 1. Class 46.

Chance, A. B., Co., Centralia, Mo. Piston rings for internal combustion engines. Serial No. 383,119; Dec. 1. Class 35.

Chapin & Gore, Inc., Chicago, Ill. Whiskey. Serial No. 383,982; Dec. 1. Class 49.

Charles & Co., New York, N. Y. Gin and whiskey. Serial No. 384,408; Dec. 1. Class 49.

Citrus Juice & Flavor Co. Ltd., Orange, Calif. Beverages and syrups, extracts, and concentrates used in making the same. Serial No. 384,246; Dec. 1. Class 45.

Citrus Products Company, Chicago, Ill. Beverages and syrups and concentrates from which soft drinks are made. Serial No. 377,911; Dec. 1. Class 45.

Citrus Products Company, Chicago, Ill. Beverages and syrups and concentrates from which soft drinks are made. Serial No. 378,393; Dec. 1. Class 45.

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Ewing, M., Fox Co., Inc., New York, N. Y. Water paint in paste form. Serial No. 384,320; Dec. 1. Class 16.

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Finkelstein, William, doing business as Eastern Trading Co., New York, N. Y. Non-electrical hair curlers, hair pins, and combs. Serial No. 383,056; Dec. 1. Class 40.

Food Machinery Corporation, San Jose, Calif. Vehicle wheel balancing weights. Serial No. 383,521; Dec. 1. Class 19.

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Hartmann Trunk Company, Racine, Wis. Suitcases, luggage carriers, and wardrobe hand luggage. Serial No. 384,124; Dec. 1. Class 3.

Hercules Powder Company, Wilmington, Del. Nitrate of ammonia blasting agent. Serial No. 384,328; Dec. 1. Class 9.

Hernandez, C. F., S. en C., Mexico, D. F., Mexico. Fabrication of aguardiente and wine. Serial Nos. 382,353–4; Dec. 1. Class 49.

Huber, J. M., Inc., New York, N. Y. Carbon black. Serial No. 383,622; Dec. 1. Class 6.

Huntley, James, Philadelphia, Pa. Toilet kits. Serial No. 381,943; Dec. 1. Class 3.

Hyman, S. E., Company, The, Fremont, Ohio. Covers for automobile cushions, seats, and seat backs. Serial Nos. 382,953–4; Dec. 1. Class 19.

Hyper-Humus Company, Newton, N. J. Fertilizers and soil improvers. Serial No. 380,514; Dec. 1. Class 10.

International Radio Corporation, Ann Arbor, Mich. Photographic cameras, photographic printing machines, and projectors. Serial No. 377,115; Dec. 1. Class 26.

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Hercules Powder Company, Wilmington, Del. Nitrate of ammonia blasting agent. Serial No. 384,328; Dec. 1. Class 9.

Hernandez, C. F., S. en C., Mexico, D. F., Mexico. Fabrication of aguardiente and wine. Serial Nos. 382,353–4; Dec. 1. Class 49.

Huber, J. M., Inc., New York, N. Y. Carbon black. Serial No. 383,622; Dec. 1. Class 6.

Huntley, James, Philadelphia, Pa. Toilet kits. Serial No. 381,943; Dec. 1. Class 3.

Hyman, S. E., Company, The, Fremont, Ohio. Covers for automobile cushions, seats, and seat backs. Serial Nos. 382,953–4; Dec. 1. Class 19.

Hyper-Humus Company, Newton, N. J. Fertilizers and soil improvers. Serial No. 380,514; Dec. 1. Class 10.

International Radio Corporation, Ann Arbor, Mich. Photographic cameras, photographic printing machines, and projectors. Serial No. 377,115; Dec. 1. Class 26.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Johnson, Stephens and Shinkle Shoe Company, St. Louis, Mo. Shoes. Serial Nos. 383,625–6; Dec. 1. Class 39.
Joseph & Feiss Company, The, Cleveland, Ohio. Topcoats. Serial No. 377,548; Dec. 1. Class 39.
Joy Products Corporation, Little Falls, N. Y. Diapers. Serial No. 383,358; Dec. 1. Class 42.
Karp, William S., New York, N. Y. Game apparatus. Serial No. 377,550; Dec. 1. Class 22.
Keefe Packing Company, The, Arkansas City, Kans. Dog food. Serial No. 384,331; Dec. 1. Class 46.
Kelly, E. J., Co., Kalamazoo, Mich. Printing inks, lithographic inks, and materials used in producing such inks. Serial No. 361,970; Dec. 1. Class 11.
Koenig, Harry D., New York, N. Y. Face powder, lip stick, face rouge, etc. Serial No. 383,810; Dec. 1. Class 6.
Krebs Pigment & Color Corporation, Wilmington, Del. Paint pigments. Serial No. 384,292; Dec. 1. Class 16.
Landfelder, Homma & Hayward, Inc., New York, N. Y. Musical toys, especially toy pianos. Serial No. 377,274; Dec. 1. Class 22.
LaTouraine Coffee Co., Boston, Mass. Coffee. Serial No. 380,178; Dec. 1. Class 46.
Lee, Frank H., Company, The, Danbury, Conn. Hats. Serial No. 377,877; Dec. 1. Class 39.
Lehn & Fink Products Corporation, Bloomfield, N. J. Vaginal antiseptic. Serial No. 383,581; Dec. 1. Class 6.
Les Parfums Chypron Societe Anonyme, Courbevoie/Seine, France. Eau de cologne, lavender water, hair washes, etc. Serial No. 383,536; Dec. 1. Class 6.
Loomis, W. H., Talc Corporation, Gouverneur, N. Y. Tremolitic talc. Serial No. 383,888; Dec. 1. Class 1.
Lowe, Joe, Corporation, New York, N. Y. Powdered phosphate of soda mixed with sufficient corn starch to reduce to the strength of cream of tartar. Serial No. 384,003; Dec. 1. Class 6.
Marrone, Vincenzo. (See Coupe, Angela M.)
Mars Incorporated, Chicago, Ill. Candy. Serial No. 383,744; Dec. 1. Class 46.
Masengarb, G. F., doing business as The Masex Company, Rockford, Ill. Ointment. Serial No. 383,813; Dec. 1. Class 6.
Masex Company, The. (See Masengarb, G. F.)
Massachusetts Diesel Institute, Boston, Mass. Magazine. Serial No. 383,315; Dec. 1. Class 38.
Mayer, Arthur J., doing business as Max Mayer's Sons, New York, N. Y. Coats, sweaters, and blouses. Serial No. 380,211; Dec. 1. Class 39.
Mayfair Needlework Pattern Company, Inc., The, New York, N. Y. Needlework patterns. Serial No. 382,564; Dec. 1. Class 26.
Mayfair Yarncraft. (See Osborne, Glenn E.)
Mayflower Dress Company, Inc., New York, N. Y. Dresses. Serial No. 384,041; Dec. 1. Class 39.
McGraw Electric Company, Chicago, Ill., and St. Louis, Mo. Fuses, fuse bases, and adapters of the type. Serial No. 384,140; Dec. 1. Class 21.
McKesson & Robbins, Incorporated, Bridgeport and Fairfield, Conn. Lipstick, cold cream, cleansing cream, etc. Serial No. 383,776; Dec. 1. Class 6.
Miller Manufacturing Co., Hicksville, Ohio. Hand operated tools. Serial No. 383,216; Dec 1. Class 23.
Monarch Wine Co. Inc., New York, N. Y. Wines. Serial No. 383,415; Dec. 1. Class 47.
Monsanto Chemical Company, St. Louis, Mo. Sodium pyrophosphates and sodium pyrophosphate mixtures. Serial No. 382,098; Dec. 1. Class 6.
Murley-Rolleston Corporation, New York, N. Y. Electromedical and electro-surgical apparatus. Serial No. 383,778; Dec. 1. Class 44.
Naco Amusement Co., Prescott, Ariz. Electrically operated sign boards. Serial No. 383,319; Dec. 1. Class 21.
National Institute of Nutrition, Los Angeles, Calif., and Buffalo, N. Y. Yeast tablets. Serial No. 383,935; Dec. 1. Class 6.
National Pencil Company, Shelbyville, Tenn. Wood cased lead pencils and mechanical pencils. Serial No. 381,536; Dec. 1. Class 37.
Nehl, Arthur W., Chicago, Ill. Periodical. Serial No. 382,763; Dec. 1. Class 38.
New England Brewing Company, The, Hartford, Conn. Beer and ale. Serial No. 383,849; Dec. 1. Class 48.
New York Woman, Incorporated, The, New York, N. Y. Periodical. Serial No. 381,684; Dec. 1. Class 38.
Nirenberg, M., Sons, Inc., New York, N. Y. Shirts. Serial No. 384,356; Dec. 1. Class 39.
Noble Paper Company, The, Cleveland, Ohio. Book paper, bond paper, ledger paper, etc. Serial No. 383,895; Dec. 1. Class 37.
Norfolk Paint & Varnish Company, Quincy and Atlantic, Mass. Paints. Serial No. 360,238; Dec. 1. Class 16.
Norristown Magnesia & Asbestos Company, Norristown, Pa. Flexible sheets and rigid panels of heat insulating material. Serial Nos. 383,322–3; Dec. 1. Class 12.
North & Judd Manufacturing Company, New Britain, Conn. Hardware and accessories for harness and saddlery. Serial No. 384,095; Dec. 1. Class 3.
Nertham Warren Corporation, New York, N. Y. Antiseptic nail lotion and skin ointment. Serial No. 383,684; Dec. 1. Class 6.
Norwich Knitting Company, Norwich, N. Y. Polo shirts, outer-shirts, knit jackets, etc. Serial No. 384,097; Dec. 1. Class 39.
Oloph Specialties Co. (See Burns, John C.)
Osborn Manufacturing Company, The, Cleveland, Ohio. Brushes and brooms. Serial No. 383,938; Dec. 1. Class 29.
Osborne, Glenn E., doing business as Mayfair Yarncraft, New York, N. Y. Yarns. Serial Nos. 384,134–6; Dec. 1. Class 43.
Pacific Distillers, Inc., Culver City, Calif. Gin. Serial No. 384,432; Dec. 1. Class 49.
Pacific Distillers, Inc., Culver City, Calif. Whiskey. Serial No. 384,433; Dec. 1. Class 49.
Paragon Knitting Mills, Inc., Philadelphia, Pa. Bathing suits and sweaters. Serial No. 384,163; Dec. 1. Class 39.
Paragon Oil Company, Inc., Brooklyn, N. Y. Lubricating oil. Serial No. 377,415; Dec. 1. Class 15.
Parker, A. Mabel, New York, N. Y. Mayonnaise. Serial No. 377,369; Dec. 1. Class 46.
Parker, Mortimer R., Oakland, Calif. Vaporizers of volatile materials. Serial Nos. 381,374–5; Dec. 1. Class 44.
Pepperell Manufacturing Company, Boston, Mass. Textile fabrics. Serial No. 384,049; Dec. 1. Class 42.
Petri Cigar Co., doing business as Petri Wine Company, San Francisco, Calif. Wines. Serial No. 383,443; Dec. 1. Class 47.
Pharma-Chemical Corporation, New York, N. Y., and Bayonne, N. J. Dyes. Serial No. 382,167; Dec. 1. Class 6.
Pokadot Chemical Company. (See Dietrich, William S.)
Pollack, Jacob, & Sons, New York, N. Y. Coats, pants, vests, etc. Serial No. 378,266; Dec. 1. Class 39.
Porter (Philadelphia) Inc., Philadelphia, Pa. Yarn. Serial No. 384,218; Dec. 1. Class 43.
Pratt Industries, Inc., Frankfort, N. Y. Automotive mufflers and exhaust and tail pipes. Serial No. 382,320; Dec. 1. Class 23.
Preserves & Honey, Inc., New York, N. Y. Fruit preserves, jams, jellies, etc. Serial No. 383,749; Dec. 1. Class 46.
Prince Matchabelli Perfumery, Inc., New York, N. Y. Lipsticks, perfumes, face powder compacts, and face powder. Serial No. 383,545; Dec. 1. Class 6.
Publishers Syndicate, Chicago, Ill. Newspaper cartoons. Serial No. 377,322; Dec. 1. Class 38.
Reach, Minna L., Pasadena, Calif. Cleansing pads. Serial No. 381,047; Dec. 1. Class 4.
Red-Bar Battery Company, Dayton, Ohio. Storage batteries. Serial No. 384,098; Dec. 1. Class 21.
Reinfeld, Joseph H., Inc., Newark, N. J. Gin. Serial No. 384,556; Dec. 1. Class 49.
Ribbon Mills Corporation, New York, N. Y. Ribbon head bands, ribbon barrettes, and ribbon hair bandeaus. Serial No. 379,764; Dec. 1. Class 40.
Rosengart, Sylvain, Paris, France. Liquid treatment for diseases and affections of the eyes. Serial No. 383,601; Dec. 1. Class 6.
Rexalin Flexible Lacquer Company, Incorporated, Elizabeth, N. J. Lacquers, lacquer enamels, thinners, etc. Serial No. 383,407; Dec. 1. Class 16.
Russ Soda Fountain Company, Cleveland, Ohio. Refrigerated display and service units. Serial No. 383,201; Dec. 1. Class 31.
Russell, Clara, Flint, Mich. Preparation for cancers. Serial No. 383,645; Dec. 1. Class 6.
S. H. G. Incorporated, Chicago, Ill. Machines for making carbureted gas. Serial No. 382,931; Dec. 1. Class 34.
Sandoz Chemical Works, Inc., New York, N. Y. Preparation intended for the treatment of hepato-billiary and digestive disturbances. Serial No. 384,100; Dec. 1. Class 6.
Sanifoot Company, The, Kansas City, Mo. Preparation for the treatment of skin infections. Serial No. 381,467; Dec. 1. Class 6.
Santa Paula Orange Assn., Santa Paula, Calif. Fresh citrus fruits. Serial Nos. 383,946–7; Dec. 1. Class 46.
Santa Paula Orange Assn., Santa Paula, Calif. Fresh citrus fruits. Serial Nos. 383,949–50; Dec. 1. Class 46.
Saxe, Eliot, doing business as Curitoe Laboratories, New Britain, Conn. Medicinal preparation. Serial No. 383,951; Dec. 1. Class 6.
Scharfeld, Maurice B., doing business as Cap-a-toe Company Cleveland, Ohio. Hosiery protectors. Serial No. 384,272; Dec. 1. Class 39.
Schenley Import Corporation, New York, N. Y. Port wines. Serial No. 371,271; Dec. 1. Class 47.
Schenley Import Corporation, New York, N. Y. Sherry wines. Serial No. 371,272; Dec. 1. Class 47.
Schepps Brewing Corporation, Dallas, Tex. Lager beer. Serial No. 384,269; Dec. 1. Class 48.
Schonbrunn, S. A., & Co. Inc., New York, N. Y. Coffee. Serial No. 383,752; Dec. 1. Class 46.

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Schutter-Johnson Candy Corporation, Chicago, Ill. Candy. Serial No. 384,138; Dec. 1. Class 46.
Sears, Roebuck and Co., Chicago, Ill. Sheets and pillow cases. Serial No. 383,900; Dec. 1. Class 42.
Sears, Roebuck and Co., Chicago, Ill. Textile rugs. Serial No. 383,954; Dec. 1. Class 42.
Seminole Flavor Company, Chattanooga, Tenn. Carbonated beverages and syrups for compounding the same. Serial No. 384,184; Dec. 1. Class 45.
Singer, Gus, Denver, Colo. Whiskey. Serial No. 384,221; Dec. 1. Class 49.
Smith, Norman C., Columbus, Ohio. Indoor game. Serial No. 384,569; Dec. 1. Class 22.
Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Oils used in the manufacture of leather. Serial No. 383,454; Dec. 1. Class 4.
Solo Automotive Engineering Co., assignor to Solo Automatic Manufacturing Company, New York, N. Y. Valve device used for bleeding hydraulic brakes of vehicles. Serial No. 380,888; Dec. 1. Class 13.
Solomon, A., New Orleans, La. Suits and trousers. Serial No. 382,326; Dec. 1. Class 39.
Southern Wheel Company, New York, N. Y. Car wheels. Serial No. 383,409; Dec. 1. Class 19.
Standard Brands Incorporated, New York, N. Y. Gelatin. Serial No. 382,492; Dec. 1. Class 46.
Standard Brewing Company, Inc., Rochester, N. Y. Beer and ale. Serial No. 383,960; Dec. 1. Class 48.
Sterling Products Company, Easton, Pa. Fluid dry cleaning soap. Serial No. 383,827; Dec. 1. Class 4.
Sterling Products Company, Easton, Pa. Fluid soap. Serial No. 383,828; Dec. 1. Class 4.
Sunny Hill Wineries, Chicago, Ill. Wines. Serial No. 382,609; Dec. 1. Class 47.
Supplee-Biddle Hardware Co., Philadelphia, Pa. Thumb latches, garage door lock sets, night latches, etc. Serial No. 379,855; Dec. 1, Class 25.
Tark Textile Corporation, New York, N. Y. Mufflers. Serial No. 383,603; Dec. 1. Class 39.
Terhune, Yearance & Wolff, Inc., New York, N. Y. Woolen and worsted fabrics. Serial No. 384,055; Dec. 1. Class 42.
Thomsen, L. W., doing business as Capitol Amplifier Company, Washington, D. C. Telephonic electrical annunciators and call systems and the like, etc. Serial No. 383,146; Dec. 1. Class 21.
Tokalon Chemical Corporation, New York, N. Y. Face powder. Serial No. 383,604; Dec. 1. Class 6.
Tokalon Chemical Corporation, New York, N. Y. Skin cream. Serial No. 383,658; Dec. 1. Class 6.
Tokalon Chemical Corporation, New York, N. Y. Face powder. Serial No. 383,659; Dec. 1. Class 6.
Tokheim Oil Tank & Pump Co., Fort Wayne, Ind. Self-measuring gasoline pumps. Serial No. 383,040; Dec. 1. Class 26.
Toliba, J. R., New York, N. Y. Cheese, canned vegetables, tomato paste. Serial No. 383,755; Dec. 1. Class 46.
Tomlinson of High Point, High Point, N. C. Buffets, dining tables, serving tables, etc. Serial No. 383,238; Dec. 1. Class 32.
Torme Products Co., Chicago, Ill. Paper, cardboard, fabric, composition, and metal toy cut outs. Serial No. 384,169; Dec. 1. Class 22.
Transducer Corporation, New York, N. Y. Sound detecting and reproducing equipment and particularly for devices for translating acoustical energy into electrical energy or vice versa. Serial Nos. 382,845–6; Dec. 1. Class 21.
Ulmann, Bernhard, Co. Inc., New York, N. Y. Yarns. Serial No. 384,226; Dec. 1. Class 43.
Vandam, Albert H., Co., Inc., New York, N. Y. Piece goods. Serial Nos. 383,964–5; Dec. 1. Class 42.
Vigor-Aire Corporation, Philadelphia, Pa. Humidifiers. Serial No. 383,420; Dec. 1. Class 34.
Wanamaker, John, Philadelphia, Philadelphia, Pa. Suits. Serial No. 384,062; Dec. 1. Class 39.
Wehle Brewing Company, The, West Haven, Conn. Ale. Serial No. 384,173; Dec. 1. Class 48.
Weill & Hartmann, New York, N. Y. Fabrics in the piece. Serial No. 366,542; Dec. 1. Class 42.
Welner, Albert, doing business as Albert Manufacturing Company, Providence, R. I. Synthetic pearls and jewelry novelties. Serial No. 378,960; Dec. 1. Class 28.
Weiss, Herman, Yonkers, N. Y. Water softener. Serial No. 383,113; Dec. 1. Class 6.
Wenger, Edward, doing business as Ed Wenger, Monroe, Wis. Preparation for acute indigestion, etc. Serial No. 383,278; Dec. 1. Class 6.
Westinghouse Lamp Company, Bloomfield, N. J. Vacuum or gas-filled tubes for ultra-violet lamps. Serial No. 382,897; Dec. 1. Class 44.
Westphal, Paul, Inc., New York, N. Y. Hair tonic and hair dressing. Serial No. 383,609; Dec. 1. Class 6.
Wheeling Corrugating Company, Wheeling, W. Va. Metal wash tubs. Serial No. 383,756; Dec. 1. Class 24.
Wood, George T., doing business as Grace Manufacturing Company, Cincinnati, Ohio. Gum-base polish for automobiles, floors, woodwork, etc. Serial No. 382,898; Dec. 1. Class 16.
Wortman Roller Company, Cincinnati, Ohio. Printers' rollers. Serial No. 381,304; Dec. 1. Class 23.
Zephyr Company, Minneapolis, Minn. Electrically operated vacuum cleaners. Serial No. 382,406; Dec. 1. Class 21.

LIST OF REGISTRANTS OF TRADE-MARKS

Advance Solvents & Chemical Corporation, New York, N. Y. Synthetic polymerization products. 341,042; Dec. 1; Serial No. 378,030; published Sept. 15, 1936. Class 6.
Allnutt, John, and Co. Limited, London, England. Scotch whisky. 341,043; Dec. 1; Serial No. 380,736; published Sept. 22, 1936. Class 49.
Alyce Williams, doing business as Oxylith Company, Los Angeles, Calif. Syringe cases. 341,319; Dec. 1. Class 44.
American Automobile Association, Incorporated, Washington, D. C. Shipping boxes, cartons, containers, and travel library containers. 341,044; Dec. 1; Serial No. 382,022; published Sept. 22, 1936. Class 2.
American Bleached Goods Company, Inc., New York, N. Y. Cotton piece goods. 341,045; Dec. 1; Serial No. 381,698; published Sept. 22, 1936. Class 42.
American Fork & Hoe Company, The, Cleveland, Ohio. Fishing lures and baits. 341,046; Dec. 1; Serial No. 380,738; published Sept. 22, 1936. Class 22.
American-National Company, The, Toledo, Ohio. Juvenile hand cars. 341,047; Dec. 1; Serial No. 382,031; published Sept. 22, 1936. Class 22.
American Safety Razor Corporation, Brooklyn, N. Y. Shaving brushes. 341,048; Dec. 1; Serial No. 381,928; published Sept. 22, 1936. Class 29.
Archer-Daniels-Midland Company, Minneapolis, Minn. Soy bean flour. 341,049; Dec. 1; Serial No. 381,148; published Sept. 22, 1936. Class 46.
Ar-Ex Cosmetics, Inc., Chicago, Ill. Cosmetics. 341,299; Dec. 1; Serial No. 380,378; published Sept. 29, 1936. Class 6.
Arizona Brewing Company, Phoenix, Ariz. Beer. 341,050; Dec. 1; Serial No. 381,746; published Sept. 22, 1936. Class 48.
Arizona Brewing Company, Phoenix, Ariz. Beer. 341,051; Dec. 1; Serial No. 381,748; published Sept. 22, 1936. Class 48.
Arnold, Franc, St. Louis, Mo. Packaged dog food. 341,052; Dec. 1; Serial No. 377,908; published Sept. 22, 1936. Class 46.
Associated Merchandising Corporation, New York, N. Y. Men's and boys' clothing. 341,053; Dec. 1; Serial No. 380,741; published Sept. 22, 1936. Class 39.
Astar Company, The, New York, N. Y. Prints and publications. 341,054; Dec. 1; Serial No. 380,541; published Sept. 15, 1936. Class 38.
Aurora Electric Co. (See Tresenberg, Paul.)
Automatic Reclosing Circuit Breaker Company, The, Columbus, Ohio, now by change of name Ranco Incorporated. Instruments having thermostatically operated mechanism for controlling artificial refrigerators and thereby controlling the temperatures produced by the refrigerators. 341,055; Dec. 1; Serial No. 381,350; published Sept. 22, 1936. Class 26.
Avenarius, R., & Co., Stuttgart, Germany. Chemical preparations for the protection of trees, etc. 341,056; Dec. 1; Serial No. 381,247; published Sept. 22, 1936. Class 6.
Babcock & Wilcox Tube Company, The, Beaver Falls, Pa. Metallic tubes. 341,058; Dec. 1; Serial No. 378,516; published Sept. 22, 1936. Class 13.
Bachman Chocolate Manufacturing Company, Mount Joy, Pa. Sweet vanilla chocolate. 341,057; Dec. 1; Serial No. 380,610; published Sept. 22, 1936. Class 46.
Barbour Welting Company, doing business as Barbour Mills, Fabric Division of Barbour Welting Company, Brockton, Mass. Knitted fabrics. 341,059; Dec. 1; Serial No. 381,707; published Sept. 22, 1936. Class 42.
Bashore, H. B., Products, Inc., North Hollywood, Calif. Canned cooked beef hash. 341,060; Dec. 1; Serial No. 381,474; published Sept. 22, 1936. Class 46.
Baumberger, Ralph T., Los Angeles, Calif. Trailers. 341,061; Dec. 1; Serial No. 373,665; published Sept. 22, 1936. Class 19.

Bercut-Richards Packing Company, Sacramento, Calif. Canned fruits, canned vegetables. 341,062; Dec. 1; Serial No. 381,653; published Sept. 22, 1936. Class 46.

Bernardi, Charles B., doing business as Chuck Laboratories, Highland Park, Ill. Cough lozenges and medicated cough drops. 341,063; Dec. 1; Serial No. 379,993; published Sept. 22, 1936. Class 6.

Bischoff, Ernst, Company, Incorporated, New York, N. Y. Vaccine. 341,064; Dec. 1; Serial No. 380,543; published Sept. 22, 1936. Class 6.

Bischoff, Ernst, Company, Incorporated, New York, N. Y. Vaccine. 341,133; Dec. 1; Serial No. 380,544; published Sept. 22, 1936. Class 6.

Blackmer, G. F., & Son, Inc., Saratoga Springs, N. Y. Ammonia, spirits camphor, castor oil, etc. 341,065; Dec. 1; Serial No. 381,063; published Sept. 15, 1936. Class 6.

Bloom, Edward, Co., Putnam, Conn., and New York, N. Y. Woven, knitted, and textile piece goods. 341,066; Dec. 1; Serial No. 381,351; published Sept. 22, 1936. Class 42.

Blouseraft Inc., Los Angeles, Calif. Blouses, skirts, dresses, etc. 341,313; Dec. 1. Class 39.

Blue Ridge Distilleries, Incorporated, The, Front Royal, Va. Brandy. 341,067–8; Dec. 1; Serial Nos. 382,198–9; published Sept. 22, 1936. Class 49.

Böhme Fettchemie-Gesellschaft mit beschrankter Haftung, Chemnitz, Germany. Mineral wax, paraffin, and lubricating greases. 341,069; Dec. 1; Serial No. 376,523; published Sept. 8, 1936. Class 15.

Bon-A-Jel Co. (See Guthard, Edgar C.)

Bost, Inc., New York, N. Y. Toothpaste. 341,070; Dec. 1; Serial No. 381,017; published Sept. 22, 1936. Class 6.

Boston Blacking & Chemical Co., Boston, Mass. Bottom finishes. 341,071; Dec. 1; Serial No. 371,704; published Sept. 22, 1936. Class 4.

Bradstone Rubber Company, Woodbine, N. J. Rubber heels and rubber soles. 341,072; Dec. 1; Serial No. 381,398; published Sept. 22, 1936. Class 39.

Broad Brook Company, Broad Brook, Conn. Cloth of woolens, worsted fabrics, and the like. 341,073; Dec. 1; Serial No. 381,389; published Sept. 22, 1936. Class 42.

Brody, Samuel C., doing business as Lasher-Weeber Co., Boston, Mass. Liquid alcohol for use as a fuel. 341,074; Dec. 1; Serial No. 374,278; published Sept. 22, 1936. Class 6.

Brooke, J. H. & J., Limited, London, England. Scotch whisky. 341,075; Dec. 1; Serial No. 379,871; published Sept. 22, 1936. Class 49.

Brooke, J. H. & J., Limited, London, England. Whisky, rum, gin, and brandy. 341,076; Dec. 1; Serial No. 379,872; published Sept. 22, 1936. Class 49.

Brown-Forman Distillery Company, Louisville, Ky. Whiskey, gin, rum, etc. 341,077–8; Dec. 1; Serial Nos. 382,336–7; published Sept. 22, 1936. Class 49.

Brunswick-Balke-Collender Company, The, Wilmington, Del., and Chicago, Ill. Bowling pins. 341,079–81; Dec. 1; Serial Nos. 381,961–6; published Sept. 22, 1936. Class 22.

Buchholtz, A., Co., Inc., New York, N. Y. Hair tonics. 341,082; Dec. 1; Serial No. 381,019; published Sept. 15; 1936. Class 6.

Burgess, C. F., Laboratories, Inc., Chicago, Ill. Battery powered compartment light. 341,083; Dec. 1; Serial No. 380,859; published Sept. 22, 1936. Class 21.

Caldwell Seed Company, Evanston, Ill. Lawn seed. 341,084; Dec. 1; Serial No. 381,332; published Sept. 22, 1936. Class 1.

Camillus Cutlery Company, Inc., New York, N. Y. Knives. 341,085; Dec. 1; Serial No. 381,445; published Sept. 22, 1936. Class 23.

Capitol Brewery, Inc., Jefferson City, Mo. Beer. 341,086; Dec. 1; Serial No. 381,709; published Sept. 22, 1936. Class 48.

Celanese Corporation of America, New York, N. Y. Yarns. 341,087–8; Dec. 1; Serial Nos. 381,527 8; published Sept. 22, 1936. Class 43.

Celluloid Corporation, Newark, N. J. Lamp shades. 341,089; Dec. 1; Serial No. 379,234; published Sept. 22, 1936. Class 34.

Charles & Co., New York, N. Y. Whiskey. 341,090–91; Dec. 1; Serial Nos. 382,039–40; published Sept. 15, 1936. Class 49.

Chase, Cedric G., Photographic Laboratories, Inc., Waltham, Mass. Photographic prints. 341,092; Dec. 1; Serial No. 381,307; published Sept. 22, 1936. Class 38.

Chicago Hydraulic Oil Co., Chicago, Ill. Shock absorber fluid. 341,093; Dec. 1; Serial No. 380,035; published Sept. 22 ,1936. Class 6.

Chicago Musical Instrument Company, Chicago, Ill. Phonograph records. 341,094; Dec. 1; Serial No. 381,150; published Sept. 22, 1936. Class 36.

Chicago Watchman's Clock Company, Chicago, Ill. Recording charts for watchman's clocks. 341,095–6; Dec. 1; Serial Nos. 380,258–9; published Sept. 22, 1936. Class 37.

Christiansen, Christian B., Newark, N. J. Garter and suspender grips. 341,097; Dec. 1; Serial No. 371,305; published Sept. 8, 1936. Class 40.

Chuck Laboratories. (See Bernardi, Charles B.)

Clemente, Jose Gonzalez, & Cia., Mayaguez, P. R. Rum. 341,152; Dec. 1; Serial No. 379,073; published Sept. 15, 1936. Class 49.

Clemente, Jose Gonzalez, & Cia., Mayaguez, P. R. Rum. 341,153–4; Dec. 1; Serial Nos. 381,075–6; published Sept. 15, 1936. Class 49.

Cobb, Clarence M., Boston, Mass. Chemical preparation for use in finishing textile materials. 341,098; Dec. 1; Serial No. 381,064; published Sept. 15, 1936. Class 6.

Columbian Rope Company, Auburn, N. Y. Vegetable fibre twine. 341,099–102; Dec. 1; Serial Nos. 381,972–5; published Sept. 22, 1936. Class 7.

Compañia Ron Daiquiri, S. A., Habana, Cuba. Rum. 341,103–4; Dec. 1; Serial Nos. 382,041–2; published Sept. 15, 1936. Class 49.

Consolidated Wine & Spirit Corp., Los Angeles, Calif. Gin, brandy, and liqueurs. 341,105; Dec. 1; Serial No. 382,043; published Sept. 15, 1936. Class 49.

Consolidated Wine & Spirit Corp., Los Angeles, Calif. Whiskey. 341,106; Dec. 1; Serial No. 382,044; published Sept. 15, 1936. Class 49.

Conti Products Corp., New York, N. Y. Preparation for treatment of the skin. 341,107; Dec. 1; Serial No. 379,235; published Sept. 22, 1936. Class 6.

Continental Distilling Corporation, Philadelphia, Pa. Whiskey, gin, rum, etc. 341,302–4; Dec. 1. Class 49.

Continental Distilling Corporation, Philadelphia, Pa. Whisky, gin, rum, etc. 341,322; Dec. 1. Class 49.

Cook, H. C., Company, The, Ansonia, Conn. Toe nail clippers. 341,108; Dec. 1; Serial No. 379,082; published Sept. 22, 1936. Class 44.

Cook, H. C., Company, The, Ansonia, Conn. Combination manicure files and finger nail clippers. 341,109; Dec. 1; Serial No. 379,083; published Sept. 22, 1936. Class 44.

Cooks' Inc., Camden, N. J. Men's toilet cases. 341,110; Dec. 1; Serial No. 381,837; published Sept. 22, 1936. Class 3.

Coppus Engineering Corporation, Worcester, Mass. Air filters. 341,111; Dec. 1; Serial No. 360,217; published Sept. 22, 1936. Class 34.

Corbin, Charles B., Grand Rapids, Mich. Fur pelt stretchers. 341,112; Dec. 1; Serial No. 373,997; published Sept. 22, 1936. Class 50.

Cosmetic Club, Ltd., The, New York, N. Y. Cleansing cream. 341,113; Dec. 1; Serial No. 381,663; published Sept. 22, 1936. Class 6.

Credit Publishing Company, Minneapolis, Minn. Newspaper. 341,114; Dec. 1; Serial No. 380,556; published Sept. 15, 1936. Class 38.

Crystal Tube Manufacturing Company, Inc., Chicago, Ill. Wrapping paper and wrapping material. 341,115; Dec. 1; Serial No. 379,469; published Sept. 22, 1936. Class 37.

De la Guardia, Bernardo, New York, N. Y. Rum. 341,116; Dec. 1; Serial No. 361,682; published Oct. 1, 1935. Class 49.

Dermetics, Inc., Seattle, Wash. Toilet preparations. 341,117; Dec. 1; Serial No. 379,041; published Sept. 15, 1936. Class 6.

Designatorform, Miami, Fla. Blank forms for racing program. 341,118; Dec. 1; Serial No. 366,150; published Sept. 22, 1936. Class 37.

Destileria Serralles, Inc, Ponce, P. R. Rum. 341,119; Dec. 1; Serial No. 381,892; published Sept. 15, 1936. Class 49.

Diamond K Vineyards. (See Kasparian, Vartoohi.)

Dia-San Laboratories. (See Hofmann, Alfred A.)

Dick, Marriott C., doing business as The Dixone Company, Pulaski, Pa. External medicine for wounds, etc. 341,120; Dec. 1; Serial No. 379,472; published Sept. 22, 1936. Class 6.

Dickerson, Walker T., Company, The, Columbus, Ohio. Shoes. 341,121; Dec. 1; Serial No. 381,193; published Sept. 22, 1936. Class 39.

Dilex Distributors Inc., New York, N. Y. Medicinal preparation for reducing weight. 341,122; Dec. 1; Serial No. 363,624; published Sept. 22, 1936. Class 6.

Dill Company, The, Norristown, Pa. Breath tablets. 341,123; Dec. 1; Serial No. 381,448; published Sept. 15, 1936. Class 6.

Dixone Company, The. (See Dick, Marriott C.)

Doho Chemical Corporation, The, New York, N. Y. Medicine and ointment. 341,124; Dec. 1; Serial No. 378,397; published Sept. 15, 1936. Class 6.

Donnelley, Reuben H., Corporation, The, Chicago, Ill., and New York, N. Y. Trade paper. 341,125; Dec. 1; Serial No. 380,430; published Sept. 15, 1936. Class 38.

Doucet, New York, N. Y. Silk piece goods. 341,126; Dec. 1; Serial No. 380,625; published Sept. 22, 1936. Class 42.

Drake, Marion R., Washington, D. C. Monthly technical trade paper or magazine. 341,127; Dec. 1; Serial No. 379,987; published Sept. 15, 1936. Class 38.

Duffy, Edward E., Chicago, Ill. Cartoon illustration. 341,128; Dec. 1; Serial No. 372,660; published Sept. 15, 1936. Class 38.

Dunhill, Kay, Incorporated, New York, N. Y., and Long Branch, N. J. Dresses. 341,300; Dec. 1; Serial No. 381,034; published Sept. 22, 1936. Class 39.

Durst, F. E., doing business as The St. Marys Oil Engine Company, St. Charles, Mo. Diesel oil engines. 341,129; Dec. 1; Serial No. 380,264; published Sept. 22, 1936. Class 23.

Eastman Kodak Company, Rochester, N. Y., assignor to Eastman Kodak Company, Jersey City, N. J. Periodical magazines. 341,130; Dec. 1; Serial No. 380,557; published Sept. 22, 1936. Class 38.

Elder and Johnston Company, The, Dayton, Ohio. Hats for women and girls. 341,131; Dec. 1; Serial No. 378,743; published Sept. 22, 1936. Class 39.

Ellsworth Chemical Company, The. (See Purcell, Joseph M.)

Empire Oil & Refining Company, Bartlesville, Okla. Anti-freeze preparation. 341,132; Dec. 1; Serial No. 381,125; published Sept. 15, 1936. Class 6.

Extreme Pressure Oil Corporation, The, Indianapolis, Ind. Lubricating oils. 341,134; Dec. 1; Serial No. 379,887; published Sept. 15, 1936. Class 15.

Fairbanks, Morse & Co., Chicago, Ill. Refrigerators. 341,135; Dec. 1; Serial No. 380,395; published Sept. 22, 1936. Class 31.

Fashion Previews. (See Prussing, H. J., Jr.)

Federal Research Corporation, Flushing, N. Y. Reducing tablets. 341,136; Dec. 1; Serial No. 381,028; published Sept. 15, 1936. Class 6.

Fez America, Inc., New York, N. Y. Berets. 341,137; Dec. 1; Serial No. 380,830; published Sept. 22, 1936. Class 39.

Flatelle Company, The. (See Gaugler, Joseph P.)

Fites, Howard P., Yuma, Ariz. Fresh vegetables and melons. 341,138; Dec. 1; Serial No. 376,630; published Sept. 22, 1936. Class 46.

Florido, Luis C., Cadiz, Spain. Wines. 341,139; Dec. 1; Serial No. 378,043; published Sept. 22, 1936. Class 47.

Fluor Corporation, Ltd., Los Angeles, Calif. Cooling towers. 341,318; Dec. 1. Class 34.

Fowler, Ernestine, doing business as Betty Wells Cosmetic Co., San Francisco, Calif. Cosmetic liquid preparation. 341,140; Dec. 1; Serial No. 380,762; published Sept. 22, 1936. Class 6.

Frank Brothers Footwear, Inc., New York, N. Y. Women's and misses' shoes. 341,141; Dec. 1; Serial No. 380,251; published Sept. 22, 1936. Class 39.

Franklin, Joseph R., doing business as Hammond Exterminating Company, Hammond, Ind. Rodent eradicator, insecticides, and disinfectants. 341,142; Dec. 1; Serial No. 380,049; published Sept. 22, 1936. Class 6.

Fraser, Russell, Wire Company, Maspeth, N. Y. Rayon cord known as gimp. 341,143; Dec. 1; Serial No. 380,078; published Sept. 1, 1936. Class 40.

Frederics, E., Inc., New York, N. Y. Hair waving pads, hair waving machines, hair dryers, etc. 341,306; Dec. 1. Class 44.

Fritzsche Brothers, Inc., New York, N. Y. Natural and synthetic oils. 341,144; Dec. 1; Serial No. 379,046; published Sept. 22, 1936. Class 6.

Fyfe, Charles E., Cedarhurst, N. Y. Machines for the prevention of robbery. 341,145; Dec. 1; Serial No. 374,462; published Sept. 22, 1936. Class 23.

G. & M. Textile Co., Inc., New York, N. Y. Piece goods. 341,146; Dec. 1; Serial No. 381,357; published Sept. 22, 1936. Class 42.

Gaugler, Joseph P., doing business as The Flatelle Company, New York, N. Y. Cotton and rayon piece goods. 341,147; Dec. 1; Serial No. 381,715; published Sept. 22, 1936. Class 42.

General Cigar Co., Inc., New York, N. Y. Printed books or magazines. 341,148; Dec. 1; Serial No. 380,144; published Sept. 22, 1936. Class 38.

General Cosmetics Corporation, Portsmouth, Ohio. Depilatory. 341,149; Dec. 1; Serial No. 380,376; published Sept. 15, 1936. Class 6.

Glunbel Brothers, Inc., New York, N. Y. Galoshes and rubber overshoes. 341,150; Dec. 1; Serial No. 380,146; published Sept. 22, 1936. Class 39.

Glenson Works, The, Rochester, N. Y. Gear cutting tools and blades therefor. 341,301; Dec. 1; Serial No. 379,047; published Sept. 29, 1936. Class 23.

Globe Knitting Works, Grand Rapids, Mich. Piece goods. 341,151; Dec. 1; Serial No. 381,717; published Sept. 22, 1936. Class 42.

Goodall Worsted Co., Sanford, Maine. Piece goods. 341,155; Dec. 1; Serial No. 381,614; published Sept. 22, 1936. Class 42.

Gordon's Dry Gin Company Limited, Linden, N. J. Gin. 341,156; Dec. 1; Serial No. 382,308; published Sept. 22, 1936. Class 49.

Granat, Joseph, San Francisco, Calif. Finger rings. 341,309; Dec. 1. Class 28.

Grant, W. T., Company, New York, N. Y. Shoulder straps and dress shields. 341,157; Dec. 1; Serial No. 380,148; published Sept. 1, 1936. Class 40.

Grennan Bakeries, Inc., Chicago, Ill. Cakes, cookies, and pies. 341,158; Dec. 1; Serial No. 380,563; published Sept. 22, 1936. Class 46.

Grennan Bakeries, Inc., Chicago, Ill. Cakes. 341,159; Dec. 1; Serial No. 380,564; published Sept. 22, 1936. Class 46.

Grennan Bakeries, Inc., Chicago, Ill. Pies. 341,160; Dec. 1; Serial No. 380,565; published Sept. 22, 1936. Class 46.

Gross, A., Candle Company, Inc., Baltimore, Md. Candelabra, candle stands and holders, etc. 341,161; Dec. 1; Serial No. 378,073; published Sept. 22, 1936. Class 34.

Gum, Inc., Philadelphia, Pa. Story and picture cards. 341,162; Dec. 1. Serial No. 379,704; published Sept. 22, 1936. Class 38.

Guth, Rudolph, Incorporated, Cleveland, Ohio. Machine for mixing soap and water into suds. 341,163; Dec. 1; Serial No. 380,349; published Sept. 22, 1936. Class 23.

Guthard, Edgar C., doing business as Bon-A-Jel Co., Chicago, Ill. Cathartic compound. 341,164; Dec. 1; Serial No. 378,784; published Sept. 22, 1936. Class 6.

Halff Manufacturing Company, San Antonio, Tex. Shirts. 341,312; Dec. 1. Class 39.

Hammond Exterminating Company. (See Franklin, Joseph R.)

Hercules Powder Company, Wilmington, Del. Electric blasting caps. 341,165; Dec. 1; Serial No. 382,215; published Sept. 22, 1936. Class 9.

Hirsh, Abraham, Inc., New York, N. Y. Thread and yarn. 341,166; Dec. 1; Serial No. 381,311; published Sept. 22, 1936. Class 43.

Hofmann, Alfred A., doing business as Dia-San Laboratories, Fort Wayne, Ind. Herb preparation. 341,167; Dec. 1; Serial No. 380,637; published Sept. 15, 1936. Class 6.

Holland Furnace Company, Holland, Mich. Stokers. 341,168; Dec. 1; Serial No. 379,429; published Sept. 22, 1936. Class 34.

Hoover Company, The, North Canton, Ohio. Electric suction cleaners and parts thereof. 341,169; Dec. 1; Serial No. 381,511; published Sept. 22, 1936. Class 21.

Hopkins, Ferdinand T., doing business as Ferd. T. Hopkins & Son, New York, N. Y. Skin lotion. 341,170; Dec. 1; Serial No. 373,639; published Sept. 15, 1936. Class 6.

Humble Oil & Refining Company, Houston, Tex. Furniture polishes and hydrocarbon solvents for paint and lacquer. 341,171; Dec. 1; Serial No. 379,096; published Sept. 22, 1936. Class 16.

Humble Oil & Refining Company, Houston, Tex. Oils. 341,172; Dec. 1; Serial No. 379,615; published Sept. 15, 1936. Class 15.

Humphreys, Lida, Butte, Mont. Play harness. 341,173; Dec. 1; Serial No. 381,163; published Sept. 22, 1936. Class 22.

Illinois Iron & Bolt Co., Carpentersville, Ill. Automatic coal stokers. 341,174; Dec. 1; Serial No. 380,353; published Sept. 22, 1936. Class 34.

Independent Oil Co., Washington, D. C., and Rosslyn, Va. Oil burners. 341,175; Dec. 1; Serial No. 376,585; published Sept. 22, 1936. Class 34.

Industrial Soap Works. (See Theobald, Harry J.)

International Printing Ink Corporation, The, New York, N. Y. Printing inks. 341,176; Dec. 1; Serial No. 381,622; published Sept. 22, 1936. Class 11.

Jacobs, Joseph, New York, N. Y. Prophylactic rubber articles. 341,177; Dec. 1; Serial No. 380,285; published Sept. 22, 1936. Class 44.

Jean's Products. (See Senegas, Jean.)

Jeffrey Manufacturing Company, The, Columbus, Ohio. Metal and metal castings. 341,178; Dec. 1; Serial No. 382,156; published Sept. 22, 1936. Class 14.

Johnson, Oliver, & Company, Incorporated, Providence, R. I. Ready mixed paints. 341,179; Dec. 1; Serial No. 367,243; published Aug. 11, 1936. Class 16.

Kasparian, Vartoohi, doing business as Diamond K Vineyards, Exeter, Calif. Fresh grapes. 341,180; Dec. 1; Serial No. 355,403; published Sept. 22, 1936. Class 46.

Klein, L., Inc., Chicago, Ill. Fruit preserves, canned vegetables, soups, etc. 341,181; Dec. 1; Serial No. 373,474; published Sept. 22, 1936. Class 46.

Knapp-Monarch Company, St. Louis, Mo. Infra-red ray lamps. 341,320; Dec. 1. Class 44.

Kwik Kindler Manufacturing Corporation, The, New Haven, Conn. Kindlers. 341,182; Dec. 1; Serial No. 381,128; published Sept. 22, 1936. Class 1.

L. and W. Co., New York, N. Y. Medicinal preparation. 341,183; Dec. 1; Serial No. 379,707; published Sept. 15, 1936. Class 6.

Landau, Samuel, Corp., New York, N. Y. Slips, pajamas, nightgowns, etc. 341,184; Dec. 1; Serial No. 379,198; published Sept. 15, 1936. Class 39.

La Salle Hat Company, The, Philadelphia, Pa. Men's and boys' hats and caps and ladies' hats. 341,185; Dec. 1; Serial No. 380,404; published Sept. 22, 1936. Class 39.

La Salle Hat Company, The, Philadelphia, Pa. Hats and caps. 341,186–7; Dec. 1; Serial Nos. 381,367–8; published Sept. 22, 1936. Class 39.

Lasher-Weeber Co. (See Brody, Samuel C.)

Latimer, Philip F., doing business as Scott Bruce & Company, Glasgow, Scotland. Whiskey. 341,188; Dec. 1; Serial No. 379,407; published Sept. 15, 1936. Class 49.

Levy Bros. & Adler Rochester, Incorporated, Rochester, N. Y. Men's summer coats and trousers. 341,314; Dec. 1. Class 39.

Lewis Grocer Co., The, Lexington, Indianola, and Durant, Miss. Wheat flour. 341,189; Dec. 1; Serial No. 376,854; published Sept. 22, 1936. Class 46.
Long Island Wine & Spirits Import Co., Inc., Flushing, N. Y. Brandy. 341,190; Dec. 1; Serial No. 379,620; published Sept. 22, 1936. Class 49.
Lorillard, P., Co., New York, N. Y. Cigarette paper booklets. 341,191; Dec. 1; Serial No. 368,481; published Sept. 22, 1936. Class 8.
Lube Jack Co., Santa Monica, Calif. Vehicle vibrating mechanisms. 341,310; Dec. 1. Class 23.
Luntz, Joseph, doing business as Joseph Luntz Company, Brooklyn, N. Y. Crushed herbs. 341,192; Dec. 1; Serial No. 380,519; published Sept. 22, 1936. Class 6.
Lupomatic Tumbling Machine Co., Inc., New York, N. Y. Polishing and burnishing cream and compounds. 341,321; Dec. 1. Class 4.
Mackelfresh, William E., Jr., Chicago, Ill. Candle lamps. 341,193; Dec. 1; Serial No. 378,049; published Sept. 22, 1936. Class 34.
MacNair-Dorland Company, New York, N. Y. Annual trade publication. 341,194; Dec. 1; Serial No. 380,520; published Sept. 15, 1936. Class 38.
Mayo Bros. Laboratories, Los Angeles, Calif. Tooth paste and tooth powder. 341,195; Dec. 1; Serial No. 370,886; published Jan. 14, 1936. Class 6.
McAllen Citrus Assn., McAllen, Tex. Fresh citrus fruits. 341,196; Dec. 1; Serial No. 381,212; published Sept. 22, 1936. Class 46.
McEwen, Herbert S., San Antonio, Tex. Mineral water crystals. 341,197; Dec. 1; Serial No. 380,326; published Sept. 22, 1936. Class 6.
McKesson & Robbins, Incorporated, Fairfield, Conn. Vitamin concentrate capsules, laxative emulsion, baby powder, etc. 341,198; Dec. 1; Serial No. 373,181; published Sept. 22, 1936. Class 6.
Miller-Bryant-Pierce Company, The, Aurora, Ill. Carbon paper and typewriter ribbons. 341,199; Dec. 1; Serial No. 381,682; published Sept. 22, 1936. Class 11.
Mitchell, Leslie. (See Nashville Surgical Supply Co. and Leslie Mitchell.)
Motow Trading Co. Inc., New York, N. Y. Oil and greases. 341,200; Dec. 1; Serial No. 378,896; published Sept. 15, 1936. Class 15.
Mühlethaler, Th., S. A., Nyon, Switzerland. Preparations for use in treatment of coughs, etc. 341,201; Dec. 1; Serial No. 373,535; published Sept. 22, 1936. Class 6.
Mullins Manufacturing Corporation, Salem, Ohio. Trailers. 341,202; Dec. 1; Serial No. 380,582; published Sept. 22, 1936. Class 19.
Mul-Tee Products Co., South Bend, Ind. Cough drops. 341,203; Dec. 1; Serial No. 381,571; published Sept. 22, 1936. Class 6.
N. T. C. Cold Remedy Company, Baltimore, Md. Preparation for the treatment of colds. 341,212; Dec. 1; Serial No. 380,585; published Sept. 22, 1936. Class 6.
Nashville Surgical Supply Co. and Leslie Mitchell, Nashville, Tenn. Inhalant. 341,204; Dec. 1; Serial No. 381,493; published Sept. 22, 1936. Class 6.
National Bio-Chemical Co., Los Angeles, Calif. Iodine tablet for internal use, also liquid and other iodine forms. 341,205; Dec. 1; Serial No. 381,215; published Sept. 22, 1936. Class 6.
Naturel Manufacturing Co., Brooklyn, N. Y. Shoe polishes, dressings, creams, etc. 341,206; Dec. 1; Serial No. 370,536; published Sept. 22, 1936. Class 4.
Nelson, Herman, Corporation, The, Moline, Ill. Boilers, furnaces, coal stokers, and oil burners. 341,207; Dec. 1. Serial No. 378,849; published Sept. 22, 1936. Class 34.
Newman & Feniger, New York, N. Y. Dyed fur-skins and fur-plates. 341,208; Dec. 1; Serial No. 380,359; published Sept. 22, 1936. Class 1.
Northern States Canneries, Inc., Portland, Me. Canned vegetables. 341,210; Dec. 1; Serial No. 380,524; published Sept. 22, 1936. Class 46.
Northfield Specialty Co., Inc., Northfield, N. J. Insecticide. 341,209; Dec. 1; Serial No. 379,849;; published Sept. 15, 1936. Class 6.
Northville Laboratories, Incorporated, Northville, Mich. Flavoring extract. 341,211; Dec. 1; Serial No. 365,000; published Sept. 15, 1936. Class 46.
Nussbaum Liquor Store, Inc., New York, N. Y. Whiskey, gin, rum, etc. 341,213; Dec. 1; Serial No. 382,132; published Sept. 22, 1936. Class 49.
Nussbaum Liquor Store, Inc., New York, N. Y. Whiskey, gin, rum, etc. 341,214; Dec. 1; Serial No. 382,134; published Sept. 22, 1936. Class 49.
Nye-Wait Company, Inc., Auburn, N. Y. Rugs and carpets. 341,215–17; Dec. 1; Serial Nos. 381,629–31; published Sept. 22, 1936. Class 42.
Nye-Wait Company, Inc., Auburn, N. Y. Rugs and carpets. 341,218–19; Dec. 1; Serial Nos. 381,635–6; published Sept. 22, 1936. Class 42.
Oxylith Company. (See Williams, Alyce.)
Pacific Wine & Spirits Co., San Francisco, Calif. Whiskey. 341,221; Dec. 1; Serial No. 380,789; published Sept. 22, 1936. Class 49.
Pan American Petroleum Corporation, Wilmington, Del. Lubricating oils. 341,222; Dec. 1. Serial No. 366,047; published Sept. 8, 1936. Class 15.
Pando, Jacinto M., Mexico, D. F., Mexico. Perfumes, face powders, creams, etc. 341,223; Dec. 1; Serial No. 381,003; published Sept. 22, 1936. Class 6.
Paper Novelty Manufacturing Company, New York, N. Y. Greeting cards and valentines. 341,224; Dec. 1; Serial No. 380,921; published Sept. 15, 1936. Class 38.
Patek & Co., San Francisco, Calif. Bluing, laundry starch, alkalis, etc. 341,225; Dec. 1; Serial No. 379,635; published Sept. 15, 1936. Class 6.
Pearce & Friedman, Inc., New York, N. Y. Leather. 341,226; Dec. 1; Serial No. 381,171; published Sept. 22, 1936. Class 1.
Perlstein Brothers, New York, N. Y. Sole leather. 341,227; Dec. 1; Serial No. 378,707; published Sept. 22, 1936. Class 1.
Perrotta, Lawrence J., doing business as Per-Zadi Products Company, New York, N. Y. Prophylactic articles of rubber. 341,228; Dec. 1; Serial No. 375,520; published Sept. 22, 1936. Class 44.
Per-Zadi Products Company. (See Perrotta, Lawrence J.)
Pfaltzgraff Pottery Company, The, York, Pa. Jars, jugs, bowls, etc. 341,229; Dec. 1; Serial No. 378,052; published Sept. 22 ,1936. Class 30.
Pitman-Moore Company, Indianapolis, Ind. Liquid for oral administration. 341,220; Dec. 1; Serial No. 382,169; published Oct. 20, 1936. Class 6.
Post Printing and Publishing Company, The, Denver, Colo. Newspaper column. 341,230; Dec. 1; Serial No. 381,082; published Sept. 15, 1936. Class 38.
Prest-O-Lite Battery Company, Inc., Speedway, Ind. Cooking stoves. 341,231; Dec. 1; Serial No. 379,136; published Sept. 22, 1936. Class 34.
Pro-phy-lac-tic Brush Company, Northampton, Mass. Tooth brushes. 341,232; Dec. 1; Serial No. 382,235; published Sept. 22, 1936. Class 29.
Pro-phy-lac-tic Brush Company, Northampton, Mass. Tooth brushes. 341,233; Dec. 1; Serial No. 382,237; published Sept. 22, 1936. Class 29.
Prussing(H. J., Jr., doing business as Fashion Previews, Chicago, Ill. Periodical publication. 341,234; Dec. 1; Serial No. 377,321; published Sept. 15, 1936. Class 38.
Purcell, Joseph M., doing business as The Ellsworth Chemical Company, Mechanicville, N. Y. Medicinal preparation for the treatment of burns, etc. 341,235; Dec. 1; Serial No. 380,663; published Sept. 22, 1936. Class 6.
Purdy, James H., West Conshohocken, Pa. Woolen and worsted piece goods. 341,236; Dec. 1; Serial No. 381,083; published Sept. 22, 1936. Class 42.
Pure Oil Company, The, Chicago, Ill. Newspapers, magazines, and periodicals. 341,237; Dec. 1; Serial No. 380,505; published Sept. 22, 1936. Class 38.
Ranco Incorporated. (See Automatic Reclosing Circuit Breaker Company, The.)
Ray Oil Burner Co., San Francisco, Calif. Oil burners. 341,238; Dec. 1; Serial No. 380,665; published Sept. 22, 1936. Class 34.
Recker Bros. Co., Phoenix, Ariz. Fresh vegetables and melons and fresh citrus fruit. 341,239; Dec. 1; Serial No. 380,715; published Sept. 22, 1936. Class 46.
Richardson, Chas. L., & Co., Inc., Boston, Mass. Whiskey. 341,241; Dec. 1; Serial No. 379,354; published Sept. 15, 1936. Class 49.
Richardson & Richardson, San Francisco, Calif. Hops. 341,240; Dec. 1; Serial No. 378,049;; published Sept. 22, 1936. Class 1
Riegel Paper Corporation, Riegelsville, N. J., and New York, N. Y. Paper. 341,242; Dec. 1; Serial No. 381,424; published Sept. 22, 1936. Class 37.
Risedorph Bottling Company, Inc., Kinderhook, N. Y. Beverages, and natural water. 341,243; Dec. 1; Serial No. 368,430; published Sept. 22, 1936. Class 45.
St. Marys Oil Engine Company, The. (See Durst, F. E.)
Samuel Stamping & Enameling Company, Chattanooga, Tenn. Heaters and gas ranges. 341,244; Dec. 1; Serial No. 378,713; published Sept. 22, 1936. Class 34.
Sandoz Chemical Works, Inc., New York, N. Y. Pharmaceutical preparation. 341,245; Dec. 1; Serial No. 381,324; published Sept. 15, 1936. Class 6.
Schering Corporation, Bloomfield, N. J. Crystalline male sex hormone. 341,246; Dec. 1; Serial No. 381,499; published Sept. 22, 1936. Class 6.
Schering Corporation, Bloomfield, N. J. Crystalline benzoic acid ester of dihydro follicular hormone. 341,247; Dec. 1; Serial No. 381,500; published Sept. 22, 1936. Class 6.
Schermerhorn Bros. Co., Chicago, Ill. Twine, rope, string, and cordage. 341,248; Dec. 1; Serial No. 381,085; published Sept. 1, 1936. Class 7.
Scott Bruce & Company. (See Latimer, Philip F.)
Scovill Manufacturing Company, Waterbury, Conn. Service station equipment. 341,249; Dec. 1; Serial No. 380,848; published Sept. 22, 1936. Class 13.
Semler, R. B., Inc., New York, N. Y. Hair tonic. 341,250; Dec. 1. Serial No. 379,059; published Sept. 22, 1936. Class 6.
Senegas, Jean, doing business as Jean's Products, New York, N. Y. Astringents, astringent cerates, bleach creams, etc. 341,251; Dec. 1; Serial No. 381,051; published Sept. 15, 1936. Class 6.
Seth, Stephen, & Company, Incorporated, Baltimore, Md. Trade service books and booklets. 341,252; Dec. 1; Serial No. 379,535; published Sept. 15, 1936. Class 38.
Shwayder Brothers, Inc., Denver, Colo. Traveling bags. 341,253; Dec. 1; Serial No. 381,173; published Sept. 22, 1936. Class 3.

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Smith, Kline & French Laboratories, Philadelphia, Pa. Medicinal preparation. 341,254; Dec. 1; Serial No. 379,404; published Sept. 15, 1936. Class 6.
Smith, V. R., doing business as V. R. Smith Olive Co., Lindsay, Calif. Canned olives. 341,255; Dec. 1; Serial No. 378,593; published Sept. 22, 1936. Class 46.
South Bend Bait Company, South Bend, Ind. Fishing tackle. 341,256; Dec. 1; Serial No. 381,585; published Sept. 22, 1936. Class 22.
Spencerian Pen Company, The, New York, N. Y. Pen nibs. 341,257; Dec. 1; Serial No. 381,289; published Sept. 22, 1936. Class 39.
Squibb, E. R., & Sons, New York, N. Y. Antianemic preparations. 341,258; Dec. 1; Serial No. 381,430; published Sept. 22, 1936. Class 6.
Standard Alcohol Company, Wilmington, Del. Hydrocarbon derivative solvents. 341,259–66: Dec. 1; Serial Nos. 380,230–7; published Sept. 15, 1936. Class 6.
Standard Brands Incorporated, New York, N. Y. Baking powder. 341,267; Dec. 1; Serial No. 265,866; published May 26, 1936. Class 46.
Standard Mailing Machines Company, Everett, Mass. Publications. 341,268; Dec. 1; Serial No. 380,851; published Sept. 22, 1936. Class 38.
Standard Motor Products, Inc., Long Island City, N. Y. Ignition devices for automobiles. 341,305; Dec. 1. Class 21.
Stanley & Patterson, Incorporated, New York, N. Y. Electrical wall lamps. 341,315; Dec. 1. Class 21.
State Farmer, Inc., The, Asheville, N. C. Section of a newspaper. 341,269; Dec. 1; Serial No. 379,715; published Sept. 15, 1936. Class 38.
Stein, A., & Company, Chicago, Ill. Brassières, brassière shields, girdles, etc. 341,270; Dec. 1; Serial No. 379,978; published Sept. 22, 1936. Class 39.
Stone-Dwyer, Inc., New Orleans, La. Canned shrimp. 341,307; Dec. 1. Class 46.
Strouse-Baer Company, Inc., The, Baltimore, Md. Children's wash suits. 341,311; Dec. 1. Class 39.
Surprise Polish Co., New York, N. Y. Furniture polish. 341,271; Dec. 1; Serial No. 381,432; published Sept. 22, 1936. Class 16.
Swift and Company, Chicago, Ill. Water softener and soap saver. 341,272; Dec. 1; Serial No. 379,156; published Sept. 15, 1936. Class 6.
Synwood Products Inc., New York, N. Y. Toilet seats. 341,273; Dec. 1; Serial No. 380,536; published Sept. 22, 1936. Class 13.
Taylor Chemical Co., Inc., Aberdeen, N. C. Insecticides, fungicides, and household disinfectants. 341,274; Dec. 1; Serial No. 367,451; published Sept. 22, 1936. Class 6.
Tennessee Eastman Corporation, Kingsport, Tenn. Molding compositfon. 341,275; Dec. 1; Serial No. 381,386; published Sept. 22, 1936. Class 1.
Theobald, Harry J., doing business as Industrial Soap Works, Kearny, N. J. Soaps. 341,276; Dec. 1; Serial No. 380,129; published Sept. 22, 1936. Class 4.
Thompkins, Stuart C., doing business as Stuart C. Thompkins & Co., San Francisco, Calif. Vegetable juices, catsup, rice, etc. 341,277; Dec. 1; Serial No. 380,681; published Sept. 22, 1936. Class 46.
Thornton, Susie M., doing business as Madam Susie Mabel Thornton, Philadelphia, Pa. Preparations for treating the hair and skin. 341,278; Dec. 1; Serial No. 378,683; published Sept. 15, 1936. Class 6.
Treinis Brothers, Inc., Brooklyn, N. Y. Knitted bags. 341,279; Dec. 1; Serial No. 381,539; published Sept. 22, 1936. Class 2.
Tresenberg, Paul, doing business as Aurora Electric Co., New York, N. Y. Non-electrical hair curlers. 341,280; Dec. 1; Serial No. 374,538; published Sept. 8, 1936. Class 40.
Ullmann, Bernhard, Co. Inc., New York, N. Y. Art needlework package outfits. 341,281; Dec. 1; Serial No. 379,665; published Sept. 1, 1936. Class 40.
Ullmann, Bernhard, Co. Inc., New York, N. Y. Hand knitting needles. 341,282; Dec. 1; Serial No. 379,731; published Sept. 8, 1936. Class 40.
United States News Publishing Corporation, The, Washington, D. C. Sections of periodical publications. 341,283; Dec. 1; Serial No. 381,009; published Sept. 15, 1936. Class 38.
Universal Producing Company, Fairfield, Iowa. Photographs. 341,284; Dec. 1; Serial No. 379,538; published Sept. 15, 1936. Class 38.
Utica Duxbak Corporation, Utica, N. Y. Army duck cloth treated to make it water-repellant. 341,285; Dec. 1; Serial No. 380,933; published Sept. 22, 1936. Class 50.
Vadsco Sales Corporation, Long Island City, N. Y. Aspirin and milk of magnesia tablets. 341,286; Dec. 1; Serial No. 381,540; published Sept. 22, 1936. Class 6.
Valentine & Company, New York, N. Y. Metal primer. 341,287; Dec. 1; Serial No. 381,298; published Sept. 22, 1936. Class 16.
Van Camp's, Inc., Indianapolis, Ind. Canned vegetables and catsup. 341,288; Dec. 1; Serial No. 380,091; published Sept. 22, 1936. Class 46.
Van Dyk & Company, Jersey City, N. J. Absorptive base used as a raw material in the manufacture of cosmetics and drugs. 341,289; Dec. 1; Serial No. 381,330; published Sept. 22, 1936. Class 6.
Vel-Feet Co., Philadelphia, Pa. Preparation for the treatment of tinea or athlete's foot and sore tired feet. 341,290; Dec. 1; Serial No. 380,416; published Sept. 22, 1936. Class 6.
Vinnedge Company, Inc., The, Fort Worth, Tex. Chili powder. 341,291; Dec. 1; Serial No. 380,133; published Sept. 22, 1936. Class 46.
Volunteer Manufacturing Company, Nashville, Tenn. Wood and coal stoves, ranges and circulators. 341,292; Dec. 1; Serial No. 381,239; published Sept. 22, 1936. Class 34.
Wagner, John, & Sons, Philadelphia, Pa. Sherry and pepper sauce. 341,317; Dec. 1. Class 46.
Waterfilm Boilers, Inc., Jersey City, N. J. Boilers. 341,293; Dec. 1; Serial No. 378,023; published Sept. 22, 1936. Class 34.
Weinreich, Sol. E., New York, N. Y. Pearls. 341,316; Dec. 1. Class 28.
Wells, Betty, Cosmetic Co. (See Fowler, Ernestine.)
Wheary Trunk Company, Racine, Wis. Hand luggage and trunks. 341,294; Dec. 1; Serial No. 381,387; published Sept. 22, 1936. Class 3.
Widmer's Wine Cellars, Inc., Naples, N. Y. Apple wine. 341,295; Dec. 1; Serial No. 378,466; published Sept. 22, 1936. Class 47.
Wildroot Co. Inc., Buffalo, N.Y. Preparation for setting and drying waved hair. 341,296; Dec. 1; Serial No. 380,134; published Sept. 15, 1936. Class 6.
Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Chemical solvent. 341,297; Dec. 1; Serial No. 381,183; published Sept. 22, 1936. Class 6.
Wine Packing Corporation of California, Stockton, Calif. Wines. 341,298; Dec. 1; Serial No. 379,984; published Sept. 22, 1936. Class 47.
Youngs Rubber Corporation, Inc., New York, N. Y. Prophylactic skin articles. 341,308; Dec. 1. Class 44.

LIST OF REGISTRANTS OF LABELS

Borden Company, The, New York, N. Y. Borden's Eagle Brand Magic Milk. For Sweetened Condensed Milk. 48,446; Dec. 1.
Dentos Dentifrice Company, Chicago, Ill. Gumfris. For Tooth Paste. 48,447; Dec. 1.
Fox, Peter, Brewing Co., Chicago, Ill. Draughtie. For Beer. 48,448; Dec. 1.
Hackney's Restaurants, Atlantic City, N. J., and Miami Beach, Fla. "Hackney's". For Clam Chowder. 48,449; Dec. 1.
Keefe Packing Company, The, Arkansas City, Kans. Black and White. For Dog Food. 48,450; Dec. 1.
Kroger Grocery & Baking Company, The, Cincinnati, Ohio. Swansoft. For Cleansing Tissues. 48,451; Dec. 1.
Tobacco By-Products & Chemical Corporation, Louisville, Ky. "Black Leaf 40" Nicotine Sulphate. For Nicotine Sulphate. 48,452; Dec. 1.

LIST OF REGISTRANTS OF PRINTS

General Mills, Inc., Minneapolis, Minn. Here's That New Way to Induce Children to Eat Big Breakfasts of Whole Wheat. For Cereal Food. 15,932; Dec. 1.
North Bro's M'f'g Co., Philadelphia, Pa. Yankee Chuck and Drills. For Chucks and Drills. 15,933; Dec. 1.
Pittsburgh Plate Glass Company, Pittsburgh, Pa. Wet ! Pittsburgh Paints Everywhere Under the Sun. For Paints. 15,934; Dec. 1.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Fur-skins and fur-plates, Dyed. Newman & Feniger. 341,208; Dec. 1; Serial No. 380,359; published Sept. 22, 1936.
Hops. Richardson & Richardson. 341,240; Dec. 1; Serial No. 378,949; published Sept. 22, 1936.
Kindlers. Kwik Kindler Manufacturing Corporation. 341,182; Dec. 1; Serial No. 381,128; published Sept. 22, 1936.
Leather. Pearce & Friedman, Inc. 341,226; Dec. 1; Serial No. 381,171; published Sept. 22, 1936.
Leather, Sole. Perlstein Brothers. 341,227; Dec. 1; Serial No. 378,707; published Sept. 22, 1936.
Molding composition. Tennessee Eastman Corporation. 341,275; Dec. 1; Serial No. 381,386; published Sept. 22, 1936.
Seed, Lawn. Caldwell Seed Company. 341,084; Dec. 1; Serial No. 381,332; published Sept. 22, 1936.

CLASS 2

Bags, Knitted. Treinis Brothers, Inc. 341,279; Dec. 1; Serial No. 381,539; published Sept. 22, 1936.
Boxes, cartons, containers, and travel library containers, Shipping. American Automobile Association, Incorporated. 341,044; Dec. 1; Serial No. 382,022; Sept. 22, 1936.

CLASS 3

Bags, Traveling. Shwayder Brothers, Inc. 341,253; Dec. 1; Serial No. 381,173; published Sept. 22, 1936.
Cases, Men's toilet. Cooks' Inc. 341,110; Dec. 1; Serial No. 381,837; published Sept. 22, 1936.
Luggage and trunks, Hand. Wheary Trunk Company. 341,294; Dec. 1; Serial No. 381,387; published Sept. 22, 1936.

CLASS 4

Finishes, Bottom. Boston Blacking & Chemical Co. 341,071; Dec. 1; Serial No. 374,704; published Sept. 22, 1936.
Polishes, dressings, creams, etc., Shoe. Naturel Manufacturing Co. 341,206; Dec. 1; Serial No. 370,536; published Sept. 22, 1936.
Polishing and burnishing cream and compounds. Lupomatic Tumbling Machine Co. 341,321; Dec. 1.
Soaps. H. J. Theobald. 341,276; Dec. 1; Serial No. 380,129; published Sept. 22, 1936.

CLASS 6

Absorptive base used as a raw material in the manufacture of cosmetics and drugs. Van Dyk & Company. 341,289; Dec. 1; Serial No. 381,330; published Sept. 22, 1936.
Alcohol for use as a fuel, Liquid. S. C. Brody. 341,074; Dec. 1; Serial No. 374,278; published Sept. 22, 1936.
Ammonia, spirits camphor, castor oil, etc. G. F. Blackmer & Son, Inc. 341,065; Dec. 1; Serial No. 381,063; published Sept. 15, 1936.
Antianemic preparations. E. R. Squibb & Sons. 341,258; Dec. 1; Serial No. 381,430; published Sept. 22, 1936.
Anti-freeze preparation. Empire Oil & Refining Company. 341,132; Dec. 1; Serial No. 381,125; published Sept. 15, 1936.
Aspirin and milk of magnesia tablets. Vadsco Sales Corporation. 341,286; Dec. 1; Serial No. 381,540; published Sept. 22, 1936.
Astringents, astringent cerates, bleach creams, etc. J. Senegas. 341,251; Dec. 1; Serial No. 381,051; published Sept. 15, 1936.
Bluing, laundry starch, alkalis, etc. Patek & Co. 341,225; Dec. 1; Serial No. 379,635; published Sept. 15, 1936.
Cathartic compound. E. C. Guthard. 341,164; Dec. 1; Serial No. 378,784; published Sept. 22, 1936.
Chemical preparation for the protection of trees, etc. R. Avenarius & Co. 341,056; Dec. 1; Serial No. 381,247; published Sept. 22, 1936.
Chemical preparation for use in finishing textile materials. C. M. Cobb. 341,098; Dec. 1; Serial No. 381,064; published Sept. 15, 1936.
Cosmetic liquid preparation. E. Fowler. 341,140; Dec. 1; Serial No. 380,762;; published Sept. 22, 1936.
Cosmetics. Ar-Ex Cosmetics, Inc. 341,299; Dec. 1; Serial No. 380,378; published Sept. 29, 1936.
Cough drops. Mul-Tee Products Co. 341,263; Dec. 1; Serial No. 381,571; published Sept. 22, 1936.
Cream, Cleansing. Cosmetic Club, Ltd. 341,113; Dec. 1; Serial No. 381,663; published Sept. 22, 1936.
Depilatory. General Cosmetics Corporation. 341,140; Dec. 1; Serial No. 380,376; published Sept. 15, 1936.
Ester of dihydro follicular hormone, Crystalline benzoic acid. Schering Corporation. 341,247; Dec. 1; Serial No. 381,500; published Sept. 22, 1936.
Fluid, Shock absorber. Chicago Hydraulic Oil Co. 341,093; Dec. 1; Serial No. 380,035; published Sept. 22, 1936.

Hair tonic. R. B. Semler, Inc. 341,250; Dec. 1; Serial No. 379,059; published Sept. 22, 1936.
Hair tonics. A. Buchholtz Co. 341,082; Dec. 1; Serial No. 381,019; published Sept. 15, 1936.
Herb preparation. A. A. Hofmann. 341,167; Dec. 1; Serial No. 380,637; published Sept. 15, 1936.
Herbs, Crushed. J. Luntz. 341,192; Dec. 1; Serial No. 380,519; published Sept. 22, 1936.
Hormone, Crystalline male sex. Schering Corporation. 341,246; Dec. 1; Serial No. 381,499; published Sept. 22, 1936.
Inhalant. Nashville Surgical Supply Co. and Leslie Mitchell. 341,204; Dec. 1; Serial No. 381,493; published Sept. 22, 1936.
Insecticide. Northfield Specialty Co. 341,209; Dec. 1; Serial No. 379,849; published Sept. 15, 1936.
Insecticides, fungicides, and household disinfectants. Taylor Chemical Co. 341,274; Dec. 1; Serial No. 367,451; published Sept. 22, 1936.
Iodine tablet for internal use, also liquid and other iodine forms. National Bio-Chemical Co. 341,205; Dec. 1; Serial No. 381,215; published Sept. 22, 1936.
Lotion, Skin. F. T. Hopkins. 341,170; Dec. 1; Serial No. 373,639; published Sept. 15, 1936.
Lozenges and medicated cough drops, Cough. C. B. Bernardi. 341,063; Dec. 1; Serial No. 379,993; published Sept. 22, 1936.
Medicinal preparation. L. and W. Co. 341,183; Dec. 1; Serial No. 379,707; published Sept. 15, 1936.
Medicinal preparation. Smith, Kline & French Laboratories. 341,254; Dec. 1; Serial No. 379,404; published Sept. 15, 1936.
Medicinal preparation for reducing weight. Dilex Distributors Inc. 341,122; Dec. 1; Serial No. 363,624; published Sept. 22, 1936.
Medicinal preparation for the treatment of burns, etc. J. M. Purcell. 341,235; Dec. 1; Serial No. 380,663; published Sept. 22, 1936.
Medicine and ointment. Doho Chemical Corporation. 341,124; Dec. 1; Serial No. 378,397; published Sept. 15, 1936.
Medicine for wounds, etc., External. M. C. Dick. 341,120; Dec. 1; Serial No. 379,472; published Sept. 22, 1936.
Mineral water crystals. H. S. McEwen. 341,197; Dec. 1; Serial No. 380,326; published Sept. 22, 1936.
Oils, Natural and synthetic. Fritzsche Brothers, Inc. 341,144; Dec. 1; Serial No. 379,046; published Sept. 22, 1936.
Perfumes, face powders, creams, etc. J. M. Pando. 341,223; Dec. 1; Serial No. 381,003; published Sept. 22, 1936.
Pharmaceutical preparation. Sandoz Chemical Works, Inc. 341,245; Dec. 1; Serial No. 381,324; published Sept. 15, 1936.
Preparation for setting and drying waved hair. Wildroot Co. Inc. 341,296; Dec. 1; Serial No. 380,134; published Sept. 15, 1936.
Preparation for the treatment of colds. N. T. C. Cold Remedy Company. 341,212; Dec. 1; Serial No. 380,585; published Sept. 22, 1936.
Preparation for the treatment of tinea or athlete's foot and sore tired feet. Vel-Feet Co. 341,290; Dec. 1; Serial No. 380,416; published Sept. 22, 1936.
Preparation for treatment of the skin. Conti Products Corp. 341,107; Dec. 1; Serial No. 379,235; published Sept. 22, 1936.
Preparations for treating the hair and skin. S. M. Thornton. 341,278; Dec. 1; Serial No. 378,683; published Sept. 15, 1936.
Preparations for use in treatment of coughs, etc. Th. Allihiethaler S. A. 341,201; Dec. 1; Serial No. 373,535; published Sept. 22, 1936.
Reducing tablets. Federal Research Corporation. 341,136; Dec. 1; Serial No. 381,028; published Sept. 15, 1936.
Rodent eradicator, Insecticide, and disinfectant. J. R. Franklin. 341,142; Dec. 1; Serial No. 380,049; published Sept. 22, 1936.
Solvent, Chemical. Williams Oil-O-Matic Heating Corporation. 341,297; Dec. 1; Serial No. 381,183; published Sept. 22, 1936.
Solvents, Hydrocarbon derivative. Standard Alcohol Company. 341,259–66; Dec. 1; Serial Nos. 380,230–7; published Sept. 15, 1936.
Synthetic polymerization products. Advance Solvents & Chemical Corporation. 341,042; Dec. 1; Serial No. 378,030; published Sept. 15, 1936.
Tablet, Breath. Dill Company. 341,123; Dec. 1; Serial No. 381,448; published Sept. 15, 1936.
Toilet preparations. Dermetics, Inc. 341,117; Dec. 1; Serial No. 379,041; published Sept. 15, 1936.
Toothpaste. Boat, Inc. 341,070; Dec. 1; Serial No. 381,017; published Sept. 22, 1936.
Tooth paste and tooth powder. Mayo Bros. Laboratories. 341,195; Dec. 1; Serial No. 370,886; published Jan. 14, 1936.

Vaccine. Ernst Bischoff Company. 341,064; Dec. 1; Serial No. 380,543; published Sept. 22, 1936.
Vaccine. Ernst Bischoff Company. 341,133; Dec. 1; Serial No. 380,544; published Sept. 22, 1936.
Vitamin concentrate capsules, laxative emulsion, baby powder, etc. McKesson & Robbins, Incorporated. 341,198; Dec. 1; Serial No. 373,181; published Sept. 22, 1936.
Water softener and soap saver. Swift and Company. 341,272; Dec. 1; Serial No. 379,156; published Sept. 15, 1936.

CLASS 7

Twine, rope, string, and cordage. Schermerhorn Bros. Co. 341,248; Dec. 1; Serial No. 381,085; published Sept. 1, 1936.
Twine, Vegetable fibre. Columbian Rope Company. 341,099–102; Dec. 1; Serial Nos. 381,972–5; published Sept. 22, 1936.

CLASS 8

Cigarette paper booklets. P. Lorillard Co. 341,191; Dec. 1; Serial No. 368,481; published Sept. 22, 1936.

CLASS 9

Blasting caps, Electric. Hercules Powder Company. 341,165; Dec. 1; Serial No. 382,215; published Sept. 22, 1936.

CLASS 11

Carbon paper and typewriter ribbons. Miller-Bryant-Pierce Company. 341,199; Dec. 1; Serial No. 381,682; published Sept. 22, 1936.
Inks, Printing. International Printing Ink Corporation. 341,176; Dec. 1; Serial No. 381,622; published Sept. 22, 1936.

CLASS 13

Service station equipment. Scovill Manufacturing Company. 341,249; Dec. 1; Serial No. 380,848; published Sept. 22, 1936.
Toilet seats. Synwood Products Inc. 341,273; Dec. 1; Serial No. 380,536; published Sept. 22, 1936.
Tubes, Metallic. Babcock & Wilcox Tube Company. 341,058; Dec. 1; Serial No. 378,516; published Sept. 22, 1936.

CLASS 14

Metal and metal castings. Jeffrey Manufacturing Company. 341,178; Dec. 1; Serial No. 382,156; published Sept. 22, 1936.

CLASS 15

Oil and greases. Motow Trading Co. Inc. 341,200; Dec. 1; Serial No. 378,896; published Sept. 15, 1936.
Oils. Humble Oil & Refining Company. 341,172; Dec. 1; Serial No. 379,615; published Sept. 15, 1936.
Oils, Lubricating. Extreme Pressure Oil Corporation. 341,134; Dec. 1; Serial No. 379,887; published Sept. 15, 1936.
Oils, Lubricating. Pan American Petroleum Corporation. 341,222; Dec. 1; Serial No. 366,047; published Sept. 8, 1936.
Wax, paraffin, and lubricating greases, Mineral. Böhme Fettchemie-Gesellschaft mit beschrankter Haftung. 341,069; Dec. 1; Serial No. 376,523; published Sept. 8, 1936.

CLASS 16

Paints, Ready mixed. Oliver Johnson & Company. 341,179; Dec. 1; Serial No. 367,243; published Aug. 11, 1936.
Polish, Furniture. Surprise Polish Co. 341,271; Dec. 1; Serial No. 381,432; published Sept. 22, 1936.
Polishes and hydrocarbon solvents for paint and lacquer, Furniture. Humble Oil & Refining Company. 341,171; Dec. 1; Serial No. 379,096; published Sept. 22, 1936.
Primer, Metal. Valentine & Company. 341,287; Dec. 1; Serial No. 381,298; published Sept. 22, 1936.

CLASS 19

Trailers. R. T. Baumberger. 341,061; Dec. 1; Serial No. 373,665; published Sept. 22, 1936.
Trailers. Mullins Manufacturing Corporation. 341,202; Dec. 1; Serial No. 380,582; published Sept. 22, 1936.

CLASS 21

Electrical wall lamps. Stanley & Patterson, Incorporated. 341,315; Dec. 1.
Ignition devices for automobiles. Standard Motor Products, Inc. 341,305; Dec. 1.
Light, Battery powered compartment. C. F. Burgess Laboratories, Inc. 341,083; Dec. 1; Serial No. 380,859; published Sept. 22, 1936.
Suction cleaners and parts thereof, Electric. Hoover Company. 341,169; Dec. 1; Serial No. 381,511; published Sept. 22, 1936.

CLASS 22

Bowling pins. Brunswick-Balke-Collender Company. 341,079–81; Dec. 1; Serial Nos. 381,964–6; published Sept. 22, 1936.
Fishing lures and baits. American Fork & Hoe Company. 341,046; Dec. 1; Serial No. 380,738; published Sept. 22, 1936.
Fishing tackle. South Bend Bait Company. 341,256; Dec. 1; Serial No. 381,585; published Sept. 22, 1936.
Hand cars, Juvenile. American-National Company. 341,047; Dec. 1; Serial No. 382,031; published Sept. 22, 1936.
Play harness. L. Humphreys. 341,173; Dec. 1; Serial No. 381,163; published Sept. 22, 1936.

CLASS 23

Engines, Diesel oil. F. E. Durst. 341,129; Dec. 1; Serial No. 380,264; published Sept. 22, 1936.
Knives. Camillus Cutlery Company. 341,085; Dec. 1; Serial No. 381,445; published Sept. 22, 1936.
Machine for mixing soap and water into suds. Rudolph Guth, Incorporated. 341,163; Dec. 1; Serial No. 380,349; published Sept. 22, 1936.
Machines for the prevention of robbery. C. E. Fyfe. 341,145; Dec. 1; Serial No. 374,462; published Sept. 22, 1936.
Tools and blades therefor, Gear cutting. Gleason Works. 341,301; Dec. 1; Serial No. 379,047; published Sept. 29, 1936.
Vehicle vibrating mechanisms. Lube Jack Co. 341,310; Dec. 1.

CLASS 26

Instruments having thermostatically operated mechanism for controlling artificial refrigerators and thereby controlling the temperatures produced by the refrigerators. Automatic Reclosing Circuit Breaker Company. 341,055; Dec. 1; Serial No. 381,350; published Sept. 22, 1936.

CLASS 28

Pearls. S. E. Weinreich. 341,316; Dec. 1.
Rings, Finger. J. Granat. 341,309; Dec. 1.

CLASS 29

Brushes, Shaving. American Safety Razor Corporation. 341,048; Dec. 1; Serial No. 381,928; published Sept. 22, 1936.
Tooth brushes. Pro-phy-lac-tic Brush Company. 341,232; Dec. 1; Serial No. 382,235; published Sept. 22, 1936.
Tooth brushes. Pro-phy-lac-tic Brush Company. 341,233; Dec. 1; Serial No. 382,237; published Sept. 22, 1936.

CLASS 30

Jars, jugs, bowls, etc. Pfaltzgraff Pottery Company. 341,229; Dec. 1; Serial No. 378,052; published Sept. 22, 1936.

CLASS 31

Refrigerators. Fairbanks, Morse & Co. 341,135; Dec. 1; Serial No. 380,395; published Sept. 22, 1936.

CLASS 34

Boilers. Waterfilm Boilers, Inc. 341,293; Dec. 1; Serial No. 378,023; published Sept. 22, 1936.
Boilers, furnaces, coal stokers, and oil burners. Herman Nelson Corporation. 341,207; Dec. 1; Serial No. 378,849; published Sept. 22, 1936.
Burners, Oil. Independent Oil Co. 341,175; Dec. 1; Serial No. 376,585; published Sept. 22, 1936.
Burners, Oil. Ray Oil Burner Co. 341,238; Dec. 1; Serial No. 380,665; published Sept. 22, 1936.
Candelabra, candle stands and holders, etc. A. Gross Candle Company. 341,161; Dec. 1; Serial No. 378,073; published Sept. 22, 1936.
Cooling towers. Fluor Corporation. 341,318; Dec. 1.
Filters, Air. Coppus Engineering Corporation. 341,111; Dec. 1; Serial No. 360,217; published Sept. 22, 1936.
Heaters and gas ranges. Samuel Stamping & Enameling Company. 341,244; Dec. 1; Serial No. 378,713; published Sept. 22, 1936.
Lamps, Candle. W. E. Mackelfresh, Jr. 341,193; Dec. 1; Serial No. 378,049; published Sept. 22, 1936.
Shades, Lamp. Celluloid Corporation. 341,089; Dec. 1; Serial No. 379,234; published Sept. 22, 1936.
Stokers. Holland Furnace Company. 341,168; Dec. 1; Serial No. 379,429; published Sept. 22, 1936.
Stokers, Automatic coal. Illinois Iron & Bolt Co. 341,231; Dec. 1; Serial No. 379,139; published Sept. 1936.
Stoves, Cooking. Prest-O-Lite Battery Company. 341,231; Dec. 1; Serial No. 379,139; published Sept. 22, 1936.
Stoves, ranges, and circulators, Wood and coal. Volunteer Manufacturing Company. 341,292; Dec. 1; Serial No. 381,239; published Sept. 22, 1936.

CLASS 36

Records, Phonograph. Chicago Musical Instrument Company. 341,094; Dec. 1; Serial No. 381,150; published Sept. 22, 1936.

CLASS 37

Charts for watchman's clocks, Recording. Chicago Watchman's Clock Company. 341,095–6; Dec. 1; Serial Nos. 380,258–9; published Sept. 22, 1936.
Forms for racing program, Blanks. Designatorform. 341,118; Dec. 1; Serial No. 366,150; published Sept. 22, 1936.
Paper. Riegel Paper Corporation. 341,242; Dec. 1; Serial No. 381,424; published Sept. 22, 1936.

Paper and wrapping material, Wrapping. Crystal Tube Manufacturing Company. 341,115; Dec. 1; Serial No. 379,469; published Sept. 22, 1936.
Pen nibs. Spencerian Pen Company. 341,257; Dec. 1; Serial No. 381,289; published Sept. 22, 1936.

CLASS 38

Books and booklets, Trade service. Stephen Seth & Company. 341,252; Dec. 1; Serial No. 379,535; published Sept. 15, 1936.
Books or magazines, Printed. General Cigar Co. 341,148; Dec. 1; Serial No. 380,144; published Sept. 22, 1936.
Cards and valentines, Greeting. Paper Novelty Manufacturing Company. 341,224; Dec. 1; Serial No. 380,921; published Sept. 15, 1936.
Cards, Story and picture. Gum, Inc. 341,162; Dec. 1; Serial No. 379,704; published Sept. 22, 1936.
Cartoon illustration. E. E. Duffy. 341,128; Dec. 1; Serial No. 372,660; published Sept. 15, 1936.
Magazines. Eastman Kodak Company. 341,130; Dec. 1; Serial No. 380,557; published Sept. 22, 1936.
Newspaper. Credit Publishing Company. 341,114; Dec. 1; Serial No. 380,556; published Sept. 15, 1936.
Newspaper column. Post Printing and Publishing Company. 341,230; Dec. 1; Serial No. 381,082; published Sept. 15, 1936.
Newspapers, magazines, and periodicals. Pure Oil Company. 341,237; Dec. 1; Serial No. 380,305; published Sept. 22, 1936.
Paper or magazine, Monthly technical trade. M. R. Drake. 341,127; Dec. 1; Serial No. 379,987; published Sept. 15, 1936.
Paper, Trade. Reuben H. Donnelley Corporation. 341,125; Dec. 1; Serial No. 380,430; published Sept. 15, 1936.
Photographic prints. Cedric G. Chase Photographic Laboratories, Inc. 341,092; Dec. 1; Serial No. 381,307; published Sept. 22, 1936.
Photographs. Universal Producing Company. 341,284; Dec. 1; Serial No. 379,538; published Sept. 15, 1936.
Prints and publications. Astar Company. 341,054; Dec. 1; Serial No. 380,541; published Sept. 15, 1936.
Publication, Annular trade. MacNair-Dorland Company. 341,194; Dec. 1; Serial No. 380,520; published Sept. 15, 1936.
Publication, Periodical. H. J. Prussing, Jr. 341,234; Dec. 1; Serial No. 377,321; published Sept. 15, 1936.
Publications. Standard Mailing Machines Company. 341,268; Dec. 1; Serial No. 380,851; published Sept. 22, 1936.
Section of a newspaper. State Farmer, Inc. 341,269; Dec. 1; Serial No. 379,715; published Sept. 15, 1936.
Sections of periodical publications. United States News Publishing Corporation. 341,283; Dec. 1; Serial No. 381,009; published Sept. 15, 1936.

CLASS 39

Berets. Fez America, Inc. 341,137; Dec. 1; Serial No. 380,830; published Sept. 22, 1936.
Blouses, skirts, dresses, etc. Blousecraft Inc. 341,313; Dec. 1.
Brassières, brassière shields, girdles, etc. A. Stein & Company. 341,270; Dec. 1; Serial No. 379,978; published Sept. 22, 1936.
Coats and trousers, Men's summer. Levy Bros. & Adler Rochester, Incorporated. 341,314; Dec. 1.
Clothing, Men's and boys'. Associated Merchandising Corporation. 341,053; Dec. 1; Serial No. 380,741; published Sept. 22, 1936.
Dresses. Kay Dunhill Incorporated. 341,300; Dec. 1; Serial No. 381,034; published Sept. 22, 1936.
Galoshes and rubber overshoes. Gimbel Brothers, Inc. 341,150; Dec. 1; Serial No. 380,146; published Sept. 22, 1936.
Hats and caps. La Salle Hat Company. 341,186–7; Dec. 1; Serial Nos. 381,367–8; published Sept. 22, 1936.
Hats and caps and ladies' hats, Men's and boys'. La Salle Hat Company. 341,185; Dec. 1; Serial No. 380,404; published Sept. 22, 1936.
Hats for women and girls. Elder and Johnston Company. 341,131; Dec. 1; Serial No. 378,743; published Sept. 22, 1936.
Heels and rubber soles, Rubber. Bradstone Rubber Company. 341,072; Dec. 1; Serial No. 381,398; published Sept. 22, 1936.
Shirts. Hulit Manufacturing Company. 341,312; Dec. 1.
Shoes. Walker T. Dickerson Company. 341,121; Dec. 1; Serial No. 381,193; published Sept. 22, 1936.
Shoes, Women's and misses'. Frank Brothers Footwear, Inc. 341,141; Dec. 1; Serial No. 380,251; published Sept. 22, 1936.
Slips, pajamas, nightgowns, etc. Samuel Landau Corp. 341,184; Dec. 1; Serial No. 379,198; published Sept. 15, 1936.
Suits, Children's wash. Strouse-Baer Company. 341,311; Dec. 1.

CLASS 40

Art needlework package outfits. Bernhard Ulmann Co. Inc. 341,281; Dec. 1; Serial No. 379,665; published Sept. 1, 1936.
Garter and suspender grips. C. B. Christiansen. 341,097; Dec. 1; Serial No. 371,305; published Sept. 8, 1936.
Hair curlers, Non-electrical. P. Tresenberg. 341,280; Dec. 1; Serial No. 374,538; published Sept. 8, 1936.
Needles, Hand knitting. Bernhard Ulmann Co. Inc. 341,282; Dec. 1; Serial No. 379,731; published Sept. 8, 1936.
Rayon cord known as gimp. Russell Fraser Wire Company. 341,143; Dec. 1; Serial No. 380,078; published Sept. 1, 1936.
Shoulder straps and dress shields. W. T. Grant Company. 341,157; Dec. 1; Serial No. 380,148; published Sept. 1, 1936.

CLASS 42

Cloth of woolens, worsted fabrics and the like. Broad Brook Company. 341,073; Dec. 1; Serial No. 381,389; published Sept. 22, 1936.
Cotton and rayon piece goods. J. P. Gaugler. 341,147; Dec. 1; Serial No. 381,715; published Sept. 22, 1936.
Cotton piece goods. American Bleached Goods Company. 341,045; Dec. 1; Serial No. 381,698; published Sept. 22, 1936.
Fabrics, Knitted. Barbour Welting Company. 341,059; Dec. 1; Serial No. 381,707; published Sept. 22, 1936.
Piece goods. G. & M. Textile Co. 341,146; Dec. 1; Serial No. 381,357; published Sept. 22, 1936.
Piece goods. Globe Knitting Works. 341,151; Dec. 1; Serial No. 381,717; published Sept. 22, 1936.
Piece goods. Goodall Worsted Co. 341,155; Dec. 1; Serial No. 381,614; published Sept. 22, 1936.
Piece goods, Woven, knitted, and textile. Edward Bloom Co. 341,066; Dec. 1; Serial No. 381,351; published Sept. 22, 1936.
Dec. 1; Serial Nos. 381,629–31; published Sept. 22, 1936.
Rugs and carpets. Nye-Walt Company. 341,215–17; Dec. 1; Serial Nos. 381,635–6; published Sept. 22, 1936.
Silk piece goods. Doucet. 341,126; Dec. 1; Serial No. 380,625; published Sept. 22, 1936.
Woolen and worsted piece goods. J. H. Purdy. 341,236; Dec. 1; Serial Nos. 381,527–8; published Sept. 22, 1936.

CLASS 43

Thread and yarn. Abraham Hirsh Inc. 341,166; Dec. 1; Serial No. 381,311; published Sept. 22, 1936.
Yarns. Celanese Corporation of America. 341,087–8; Dec. 1; Serial Nos. 381,527–8; published Sept. 22, 1936.

CLASS 44

Clippers, Toe nail. H. C. Cook Company. 341,108; Dec. 1; Serial No. 379,082; published Sept. 22, 1936.
Hair waving pads, hair waving machines, hair dryers, etc. E. Frederics, Inc. 341,306; Dec. 1.
Infra-red ray lamps. Knapp-Monarch Company. 341,320; Dec. 1.
Manicure files and finger nail clippers, Combination. H. C. Cook Company. 341,109; Dec. 1; Serial No. 379,083; published Sept. 22, 1936.
Prophylactic articles of rubber. L. J. Perrotta. 341,228; Dec. 1; Serial No. 375,520; published Sept. 22, 1936.
Prophylactic rubber articles. J. Jacobs. 341,177; Dec. 1; Serial No. 380,285; published Sept. 22, 1936.
Prophylactic skin articles. Youngs Rubber Corporation, Inc. 341,308; Dec. 1.
Syringe cases. A. Williams. 341,319; Dec. 1.

CLASS 45

Beverages, and natural water. Risedorph Bottling Company. 341,243; Dec. 1; Serial No. 368,430; published Sept. 22, 1936.

CLASS 46

Baking powder. Standard Brands Incorporated. 341,267; Dec. 1; Serial No. 365,866; published May 26, 1936.
Cakes. Grennan Bakeries, Inc. 341,159; Dec. 1; Serial No. 380,564; published Sept. 22, 1936.
Cakes, cookies, and pies. Grennan Bakeries, Inc. 341,158; Dec. 1; Serial No. 380,563; published Sept. 22, 1936.
Canned cooked beef hash. H. B. Bashore Products, Inc. 341,060; Dec. 1; Serial No. 381,474; published Sept. 22, 1936.
Canned fruits, canned vegetables. Bercut-Richards Packing Company. 341,062; Dec. 1; Serial No. 381,653; published Sept. 22, 1936.
Canned olives. V. R. Smith. 341,255; Dec. 1; Serial No. 378,593; published Sept. 22, 1936.
Canned shrimp. Stone-Dwyer, Inc. 341,307; Dec. 1.
Canned vegetables. Northern States Canneries, Inc. 341,210; Dec. 1; Serial No. 380,524; published Sept. 22, 1936.
Canned vegetables and catsup. Van Camp's, Inc. 341,288; Dec. 1; Serial No. 380,091; published Sept. 22, 1936.
Chili powder. Vinnedge Company. 341,291; Dec. 1; Serial No. 380,133; published Sept. 22, 1936.
Chocolate, Sweet vanilla. Bachman Chocolate Manufacturing Company. 341,057; Dec. 1; Serial No. 380,610; published Sept. 22, 1936.

Extract, Flavoring. Northville Laboratories, Incorporated. 341,211; Dec. 1; Serial No. 365,000; published Sept. 15, 1936.
Flour, Soy bean. Archer-Daniels-Midland Company. 341,049; Dec. 1; Serial No. 381,148; published Sept. 22, 1936.
Flour, Wheat. Lewis Grocer Co. 341,189; Dec. 1; Serial No. 376,854; published Sept. 22, 1936.
Food, Packaged dog. F. Arnold. 341,052; Dec. 1; Serial No. 377,908; published Sept. 22, 1936.
Fruit preserves, canned vegetables, soups, etc. L. Klein, Inc. 341,181; Dec. 1; Serial No. 373,474; published Sept. 22, 1936.
Fruits, Fresh citrus. McAllen Citrus Assn. 341,196; Dec. 1; Serial No. 381,212; published Sept. 22, 1936.
Grapes, Fresh. V. Kasparian. 341,180; Dec. 1; Serial No. 355,403; published Sept. 22, 1936.
Pies. Grennan Bakeries, Inc. 341,160; Dec. 1; Serial No. 380,565; published Sept. 22, 1936.
Sauce, Sherry and pepper. John Wagner & Sons. 341,317; Dec. 1.
Vegetable juices, catsup, rice, etc. S. C. Thompkins. 341,277; Dec. 1; Serial No. 380,681; published Sept. 22, 1936.
Vegetables and melons and fresh citrus fruit, Fresh. Recker Bros. Co. 341,239; Dec. 1; Serial No. 380,715; published Sept. 22, 1936.
Vegetables and melons, Fresh. H. P. Fites. 341,138; Dec. 1; Serial No. 376,630; published Sept. 22, 1936.

CLASS 47

Wine, Apple. Widmer's Wine Cellars, Inc. 341,295; Dec. 1; Serial No. 378,466; published Sept. 22, 1936.
Wines. L. C. Florido. 341,139; Dec. 1; Serial No. 378,043; published Sept. 22, 1936.
Wines. Wine Packing Corporation of California. 341,298; Dec. 1; Serial No. 379,984; published Sept. 22, 1936.

CLASS 48

Beer. Arizona Brewing Company. 341,050; Dec. 1; Serial No. 381,746; published Sept. 22, 1936.
Beer. Arizona Brewing Company. 341,051; Dec. 1; Serial No. 381,748; published Sept. 22, 1936.
Beer. Capitol Brewery, Inc. 341,086; Dec. 1; Serial No. 381,709; published Sept. 22, 1936.

CLASS 49

Brandy. Blue Ridge Distilleries, Incorporated. 341,067–8; Dec. 1; Serial Nos. 382,198–9; published Sept. 22, 1936.
Brandy. Long Island Wine & Spirits Import Co. 341,190; Dec. 1; Serial No. 379,620; published Sept. 22, 1936.
Gin. Gordon's Dry Gin Company Limited. 341,156; Dec. 1; Serial No. 382,308; published Sept. 22, 1936.
Gin. Oldetyme Distillers, Inc., 341,220; Dec. 1; Serial No. 382,165; published Sept. 22, 1936.
Gin, brandy and liqueurs. Consolidated Wine & Spirit Corp. 341,105; Dec. 1; Serial No. 382,043; published Sept. 15, 1936.
Rum. Bernardo de la Guardia. 341,116; Dec. 1; Serial No. 361,682; published Oct. 8, 1935.
Rum. Compañia Ron Daiquiri, S. A. 341,103–4; Dec. 1; Serial Nos. 382,041–2; published Sept. 15, 1936.
Rum. Destileria Serralles, Inc. 341,119; Dec. 1; Serial No. 381,892; published Sept. 15, 1936.
Rum. Jose Gonzalez Clemente & Cia. 341,152; Dec. 1; Serial No. 379,973; published Sept. 15, 1936.
Rum. Jose Gonzalez Clemente & Cia. 341,153–4; Dec. 1; Serial Nos. 381,075–6; published Sept. 15, 1936.
Whiskey. Charles & Co. 341,090–91; Dec. 1; Serial No. 382,039–40; published Sept. 15, 1936.
Whiskey. Consolidated Wine & Spirit Corp. 341,106; Dec. 1; Serial No. 382,044; published Sept. 15, 1936.
Whiskey. P. F. Latimer. 341,188; Dec. 1; Serial No. 379,407; published Sept. 15, 1936.
Whiskey. Pacific Wine & Spirits Co. 341,221; Dec. 1; Serial No. 380,789; published Sept. 22, 1936.
Whiskey. Chas. L. Richardson & Co. 341,241; Dec. 1; Serial No. 379,354; published Sept. 15, 1936.
Whiskey, gin, rum, etc. Brown-Forman Distillery Company. 341,077–8; Dec. 1; Serial Nos. 382,336–7; published Sept. 22, 1936.
Whiskey, gin, rum, etc. Continental Distilling Corporation. 341,302–4; Dec. 1.
Whiskey, gin, rum, etc. Nussbaum Liquor Store, Inc., 341,213; Dec. 1; Serial No. 382,132; published Sept. 22, 1936.
Whiskey, gin, rum, etc. Nussbaum Liquor Store, Inc., 341,214; Dec. 1; Serial No. 382,134; published Sept. 22, 1936.
Whiskey, Scotch. John Allnut and Co. Limited. 341,043; Dec. 1; Serial No. 380,736; published Sept. 22, 1936.
Whisky, gin, rum, etc. Continental Distilling Corporation. 341,322; Dec. 1.
Whisky, rum, gin, and brandy. J. H. & J. Brooke Limited. 341,076; Dec. 1; Serial No. 379,872; published Sept. 22, 1936.
Whisky, Scotch. J. H. & J. Brooke Limited. 341,075; Dec. 1; Serial No. 379,871; published Sept. 22, 1936.

CLASS 50

Cloth treated to make it water-repellant, Army duck. Utica Duxbak Corporation. 341,285; Dec. 1; Serial No. 380,933; published Sept. 22, 1936.
Stretchers, Fur pelt. C. B. Corbin. 341,112; Dec. 1; Serial No. 373,997; published Sept. 22, 1936.

LIST OF LABELS

Black and White. For Dog Food. Keefe Packing Company. 48,450; Dec. 1.
"Black Leaf 40" Nicotine Sulphate. For Nicotine Sulphate. Tobacco-By-Products & Chemical Corporation. 48,452; Dec. 1.
Borden's Eagle Brand Magic Milk. For Sweetened Condensed Milk. Borden Company. 48,446; Dec. 1.
Draughtie. For Beer. Peter Fox Brewing Co. 48,448; Dec. 1.
Gumfris. For Tooth Paste. Dentos Dentifrice Company. 48,447; Dec. 1.
"Hackney's." For Clam Chowder. Hackney's Restaurants. 48,449; Dec. 1.
Swansoft. For Cleansing Tissues. Kroger Grocery & Baking Company. 48,451; Dec. 1.

LIST OF PRINTS

Here's That New Way to Induce Children to Eat Big Breakfasts of Whole Wheat. For Cereal Food. General Mills, Inc. 15,932; Dec. 1.
Wet! Pittsburgh Paints Everywhere Under the Sun. For Paints. Pittsburgh Plate Glass Company. 15,934; Dec. 1.
Yankee Chuck and Drills. For Chucks and Drills. North Bro's M'f'g Co. 15,933; Dec. 1.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 1ST DAY OF DECEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Du Pont, E. I., de Nemours & Company. (See Lewis, Harold A., assignor.)

Du Pont, E. I., de Nemours & Company. (See Mathey, C. A., and Lewis, assignors.)

Electronic Television Company, The. (See Henroteau, François C. P., assignor.)

Henroteau, François C. P., assignor to The Electronic Television Company, Limited, Ottawa, Ontario, Canada. Television. 20,187; Dec. 1.

Hoy, Harry L., Chicago, Ill., assignor, by mesne assignments, to Vaco Products, Inc., Detroit, Mich. Change speed gear transmission. 20,186; Dec. 1.

Lewis, Harold A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Deonator. 20,190; Dec. 1.

Lewis, Paul F. (See Mathey, C. A., and Lewis.)

Mathey, Chester A., and P. F. Lewis, Tulsa, Okla., said Lewis assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. Method of and apparatus for placing explosive charges. 20,191; Dec. 1.

Roosenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillation circuit for electric waves. 20,189; Dec. 1.

Simons, Walter R., Los Angeles, Calif. Building construction. 20,188; Dec. 1.

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Roosenstein, Hans O., assignor.)

Vaco Products, Inc. (See Hoy, Harry L., assignor.)

LIST OF DESIGN PATENTEES

Acme Electric & Manufacturing Company, The. (See Comstock, James A., assignor.)

American Optical Company. (See Cozzens, C. O., and Splaine, assignors.)

Armstrong Cork Company. (See Wilmet, Georges, assignor.)

Associated Electric Laboratories, Inc. (See Matousek, Edward, assignor.)

Baker, Ray H., Detroit, Mich. Sign. 102,121; Dec. 1.

Bancroft, John, Jr., Wilmington, Del. Novelty Thermometer. 102,175; Dec. 1.

Berman, Israel, Little Falls, N. Y. Shoe. 102,122; Dec. 1.

Berman, Israel, Little Falls, N. Y. Shoe. 102,123; Dec. 1.

Berman, Israel, Little Falls, N. Y. Shoe. 102,124; Dec. 1.

Berman, Israel, Little Falls, N. Y. Shoe. 102,125; Dec. 1.

Bird, Kenneth A., and E. E. Farley, Pocatello, Idaho. Christmas tree holder. 102,220; Dec. 1.

Blackstone, Jack J., New York, N. Y. Textile fabric. 102,221; Dec. 1.

Blackstone, Jack J., New York, N. Y. Embroidered net. 102,222; Dec. 1.

Brecht, George F., Richmond Hill, N. Y. Cuff link. 102,177; Dec. 1.

Capstan Glass Company. (See Piazzoli, Theodore J., assignor.)

Chaney, Boris, Los Angeles, Calif. Optical display cabinet. 102,176; Dec. 1.

Chicago Flexible Shaft Company. (See Scharfenberg, George T., assignor.)

Collins & Aikman Corporation. (See Smith, Edward A., assignor.)

Columbus Metal Products Inc. (See Donley, Harold B., assignor.)

Comstock, James A., assignor to The Acme Electric & Manufacturing Company, Cleveland, Ohio. Electric transformer. 102,203; Dec. 1.

Concord Silversmiths Corporation. (See Simms, Charles F., assignor.)

Continental Can Company. (See England, Isaac W., assignor.)

Continental Optical Company. (See Obrig, Raymond L., assignor.)

Cook, Willard E., Shaker Heights, assignor to Cook Specialty Company, Cleveland, Ohio. Candy figure. 102,126; Dec. 1.

Cook Specialty Company. (See Cook, Willard E., assignor.)

Couchman, Michael, New York, N. Y. Masquerade flying suit. 102,204; Dec. 1.

Cozzens, Charles O., and E. M. Splaine, assignors to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 102,127; Dec. 1.

Dolan, Burtis J., assignor to Lucian Lelong Inc., Chicago, Ill. Perfume bottle or similar container. 102,178; Dec. 1.

Dole Valve Company, The. (See MacCowan, Hervey L., assignor.)

Donley, Harold B., assignor to Columbus Metal Products Inc., Columbus, Ohio. Motor vehicle head lamp attachment or similar article. 102,179; Dec. 1.

Dreyfuss, Henry, New York, N. Y., assignor to The Hoover Company, N. Canton, Ohio. Casing for a suction cleaner or similar article. 102,180; Dec. 1.

Du Pont, E. I., de Nemours & Company. (See Tyson, Edmund H., assignor.)

Edson, Bert, Pawtucket, R. I., assignor to New England Lace Mills Inc., New York, N. Y. Lace. 102,223; Dec. 1.

Edson, Bert, Pawtucket, R. I. Lace. 102,224; Dec. 1.

Emmer, Mike H., Los Angeles, Calif. Coffee urn. 102,205; Dec. 1.

Engh, Walter B., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Heating stove. 102,181; Dec. 1.

England, Isaac W., Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Can. 102,161; Dec. 1.

Erdos, Sadie, New York, N. Y. Shoe. 102,225; Dec. 1.

Falk, Charles T., Kansas City, Mo. Salesman's display trailer. 102,182; Dec. 1.

Farley, Edward E. (See Bird, K. A., and Farley.)

Felmann, Henri, assignor to Morris, Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 102,183; Dec. 1.

Felmann, Henry, assignor to Morris, Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 102,184; Dec. 1.

Fenerstein, Abraham H., New York, N. Y. Button. 102,226; Dec. 1.

Frackin, Samuel, Lewiston, Maine. Shoe. 102,128; Dec. 1.

Freysinger, John B., New Britain, Conn. Buckle. 102,129; Dec. 1.

Geist, Irving, New York, N. Y. Blouse. 102,130; Dec. 1.

Geller, Harry, New York, N. Y. Shoe. 102,131; Dec. 1.

Geller, Harry, New York, N. Y. Shoe. 102,132; Dec. 1.

Geller, Harry, New York, N. Y. Shoe. 102,133; Dec. 1.

Gerli, Simonne, New York, N. Y. Bracelet, or similar article. 102,162; Dec. 1.

Goldberg, Leon, New York, N. Y. Shoe. 102,134; Dec. 1.

Goodstein, Joseph, New York, N. Y. Comfortable. 102,227; Dec. 1.

Goshorn, Warren P., Kansas City, Mo. Astrological chart. 102,135; Dec. 1.

Grossman, Emanuel, New York, N. Y. Shoe. 102,136; Dec. 1.

Hall, Horace W., Newton, Mass. Tennis racket or similar article. 102,163; Dec. 1.

Hamilton, Brown Shoe Co. (See Walsh, John J., assignor.)

Harlin, Herbert A., Indianapolis, Ind. Neck for a string instrument. 102,164; Dec. 1.

Herlon, Henry, New York, N. Y. Pocket game device. 102,185; Dec. 1.

Hertz, Maurice J., New York, N. Y. Lace. 102,228; Dec. 1.

Hesse, Curt O., New York, N. Y., assignor to The Pantasote Leather Company, Passaic, N. J. Textile fabric or similar article of manufacture. 102,206; Dec. 1.

Hesse, Curt O., New York, N. Y., assignor to The Pantasote Leather Company, Passaic, N. J. Textile fabric or similar article of manufacture. 102,207; Dec. 1.

Holt, William E., Newark, N. J. Floor surfacing machine. 102,186; Dec. 1.

Hoover Company, The. (See Dreyfuss, Henry, assignor.)

Huber, Otto E., Reading, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 102,208; Dec. 1.

Humphrey, Clen S., Brooklyn, N. Y. Edible tablet. 102,165; Dec. 1.

Hyman, Edgar C., New York, N. Y. Scarf. 102,187; Dec. 1.

Kalberer, Karl H., Oakland, Calif. Flashlight. 102,137; Dec. 1.

Kanter, Edward, Cleveland Heights, Ohio. Pen stand. 102,229; Dec. 1.

Kirstein, Mark, Rochester, N. Y. Handle for knives. 102,166; Dec. 1.

Kousin, Harry, New York, N. Y. Ring. 102,167; Dec. 1.
Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Velocipede. 102,138; Dec. 1.
Kuhn, J. Russell, Oklahoma City, Okla. Baby's bed. 102,209; Dec. 1.
Lagomarsino, Juan, Montevideo, Uruguay. Clothes hanger. 102,230; Dec. 1.
Laurie, William S., Flushing, N. Y. Shoe. 102,188; Dec. 1.
Laurie, William S., Flushing, N. Y. Shoe. 102,189; Dec. 1.
Leeber, Nicholas, assignor to The F. A. Ritter Co., Detroit, Mich. Elastic fabric. 102,210; Dec. 1.
Lelong, Lucien, Inc. (See Dolan, Burtis J., assignor.)
Lifschutz, Henry, Brooklyn, N. Y. Shoe. 102,139; Dec. 1.
Lyon, George A., assignor to Lyon Incorporated, Detroit, Mich. Cover for spare wheels and tires of automotive vehicles, or similar article. 102,211; Dec. 1.
Lyon Incorporated. (See Lyon, George A., assignor.)
MacCowan, Hervey L., Chicago, Ill., assignor to The Dole Valve Company, Chicago, Ill. Air valve. 102,190; Dec. 1.
Mantle Lamp Company of America, The. (See Engh, Walter B., assignor.)
Marshall, Isabel, Ridgefield, Conn. Andiron. 102,191; Dec. 1.
Masse, Sidney M., Cleveland, Ohio. Pen stand. 102,231; Dec. 1.
Masse, Sidney M., Cleveland, Ohio. Pen stand. 102,232; Dec. 1.
Matousek, Edward, Berwyn, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Signal chime. 102,168; Dec. 1.
Miller, Charles, New York, N. Y. Shoe or similar article. 102,140; Dec. 1.
Miller, Mack, Candle Co. (See Newton, Byron G., assignor.)
Morris, Mann & Reilly, Inc. (See Felmann, Henri, assignor.)
Murray-Ohio Manufacturing Company, The. (See Kraeft, Herman L., assignor.)
Narrow Fabric Company, The. (See Huber, Otto E., assignor.)
New England Lace Mills Inc. (See Edson, Bert, assignor.)
Newton, Byron G., assignor to Mack Miller Candle Co., Syracuse, N. Y. Candle holder. 102,141; Dec. 1.
Obrig, Raymond L., East Orange, N. J., assignor to Continental Optical Company, Inc., Rochester, N. Y. Center bridge for eyeglasses or similar articles. 102,142; Dec. 1.
Ordin, Jack B. (See Ordin, Philip H. and J. B.)
Ordin, Philip H. and J. B., Los Angeles, Calif. Hair drying cabinet. 102,192; Dec. 1.
Pantasote Leather Company, The. (See Hesse, Curt O., assignor.)
Parker, Eugene, Los Angeles, Calif. Tile unit. 102,143; Dec. 1.
Parker, Eugene, Los Angeles, Calif. Tile. 102,144; Dec. 1.
Parker, Eugene, Los Angeles, Calif. Tile. 102,145; Dec. 1.
Parker, Eugene, Los Angeles, Calif. Tile unit. 102,146; Dec. 1.
Parker, Eugene, Los Angeles, Calif. Tile. 102,169; Dec. 1.
Parker, Eugene, Los Angeles, Calif. Tile. 102,170; Dec. 1.
Perugia, André, Paris, France. Shoe or similar article. 102,193; Dec. 1.
Piazzoli, Theodore J., assignor to Capstan Glass Company, Connelsville, Pa. Jar or similar article. 102,171; Dec. 1.
Rispoli, Nicholas, Cleveland, Ohio. Combined thermometer and perpetual calendar. 102,233; Dec. 1.
Ritter, F. A., Co., The. (See Leeber, Nicholas, assignor.)
Rockola, David C., Chicago, Ill. Phonograph cabinet. 102,194; Dec. 1.
Rosen, Ann, New York, N. Y. Sandal. 102,195; Dec. 1.
Rosenthal, Murray J., Lynn, Mass. Shoe. 102,147; Dec. 1.
Samuels, Theodore, St. Louis, Mo. Shoe. 102,234; Dec. 1.
Samuels, Theodore, St. Louis, Mo. Shoe. 102,235; Dec. 1.
Samuels, Theodore, St. Louis, Mo. Shoe. 102,236; Dec. 1.
Samuels, Theodore, St. Louis, Mo. Shoe. 102,237; Dec. 1.
Samuels, Theodore, St. Louis, Mo. Shoe. 102,238; Dec. 1.
Samuels, Theodore, St. Louis, Mo. Shoe. 102,239; Dec. 1.
Scharfenberg, George T., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electric food mixer or similar article. 102,148; Dec. 1.
Schiaparelli, Elsa, assignor to Societe Anonyme Schiaparelli, Paris, France. Bottle. 102,172; Dec. 1.
Schwab, Isaac M., Savannah, Ga. Eyeglass frame. 102,240; Dec. 1.
Scovill Maufacturing Company. (See Spender, Donald L., assignor.)
Scovill Manufacturing Company. (See Westfall, W. R., and Spender, assignors.)
Simms, Charles F., assignor to Concord Silversmiths Corporation, Concord, N. H. Combined salt shaker, pepper shaker, and stand therefor. 102,212; Dec. 1.
Smith, Edward A., Haworth, N. J., assignor to Collins & Aikman Corporation, Philadelphia, Pa. Textile fabric or similar article. 102,241; Dec. 1.
Sobel, Harry, Los Angeles, Calif. Shoe. 102,196; Dec. 1.
Sobel, Harry, Los Angeles, Calif. Shoe. 102,242; Dec. 1.
Societe Anonyme Schiaparelli. (See Schiaparelli, Elsa, assignor.)
Spender, Donald L. (See Westfall, W. R., and Spender.)
Spender, Donald L., assignor to Scovill Manufacturing Company, Waterbury, Conn. Flashlight base cap. 102,149; Dec. 1.
Splaine, Edward M. (See Cozzins, C. O., and Splaine.)
Steckler, Nat P., New York, N. Y. Bottle nipple. 102,213; Dec. 1.
Stein, Macy H., and M. S. Stein, New York, N. Y. Watchcase. 102,150; Dec. 1.
Stein, Macy H. and M. S. Stein, New York, N. Y. Combination Lipstick and Holder Therefor. 102,151; Dec. 1.
Stein, Max S. (See Stein, Macy H., and M. S.)
Stein, Max S. (See Stein, Macy H., and M. S.)
Stetson Shoe Co. (See Wright, Harland F., assignor.)
Strassburger, Emil H., New York, N. Y. Sandal. 102,152; Dec. 1.
Turiansky, Abraham, New York, N. Y. Shoe. 102,197; Dec. 1.
Tyson, Edmund H., Caldwell, N. J., assignor, by mesne assignments, to E. I. Du Pont De Nemours & Company, Wilmington, Del. Plastic tube or similar article. 102,214; Dec. 1.
Vamos, Alfred, Brooklyn, N. Y. Shoe or similar article. 102,153; Dec. 1.
Vuillemenot, Frederic A., Toledo, Ohio. Atomizer case. 102,154; Dec. 1.
Vuillemenot, Frederic A., Toledo, Ohio. Atomizer case. 102,155; Dec. 1.
Vuillemenot, Frederic A., Toledo, Ohio. Atomizer case. 102,156; Dec. 1.
Vuillemenot, Frederic A., Toledo, Ohio. Atomizer case. 102,198; Dec. 1.
Vuillemenot, Frederic A., Toledo, Ohio. Atomizer. 102,199; Dec. 1.
Vuillemenot, Frederic A., Toledo, Ohio. Atomizer. 102,200; Dec. 1.
Vuillemenot, Frederic A., Toledo, Ohio. Atomizer. 102,201; Dec. 1.
Vuillemenot, Frederic A., Toledo, Ohio. Atomizer. 102,202; Dec. 1.
Wallace, R., & Sons Manufacturing Company. (See Warren, William S., assignor.)
Walsh, John J., assignor to Hamilton, Brown Shoe Co., St. Louis, Mo. Shoe. 102,157; Dec. 1.
Warren, William S., Meriden, Conn., assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or other article of flatware. 102,173; Dec. 1.
Westfall, William R., Key Gardens, N. Y., and D. L. Spender, Waterbury, Conn., assignors to Scovill Manufacturing Company, Waterbury, Conn. Flashlight casing. 102,215; Dec. 1.
Wiener, Jack, New York, N. Y. Lace. 102,216; Dec. 1.
Wiener, Jack, New York, N. Y. Lace. 102,217; Dec. 1.
Wiener, Jack, New York, N. Y. Lace. 102,218; Dec. 1.
Wiener, Jack, New York, N. Y. Lace. 102,219; Dec. 1.
Wiener, Jack, New York, N. Y. Lace. 102,243; Dec. 1.
Wilmet, Georges, New York, N. Y., assignor to Armstrong Cork Company, Lancaster, Pa. Container cap. 102,174; Dec. 1.
Wisser, Fred, Elmhurst, N. Y. Parer or similar article. 102,158; Dec. 1.
Wright, Harland F., New York, N. Y., assignor to Stetson Shoe Co., Inc., South Weymouth, Mass. Shoe. 102,159; Dec. 1.
Youngberg, Walter K., Meriden, Conn. Table server for cheese or the like. 102,160; Dec. 1.
Zendman, Isaac, Jr., New York, N. Y. Lace. 102,244; Dec. 1.
Zendman, Isaac, Jr., New York, N. Y. Lace. 102,245; Dec. 1.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 1ST DAY OF DECEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Aanesen, Finn and T. Lindboe, Oslo, Norway. Sticking of strips. 2,062,280; Dec. 1.
Abbott, Owen C., and F. A. Faust, assignors to The Bristol Company, Waterbury, Conn. Control system having stabilizing and anticipatory features. 2,062,437; Dec. 1.
Acton, Russel D., Chicago, Ill., assignor to International Harvester Company. Tractor planter. 2,062,282; Dec. 1.
Adams Nicholas M., Chicago, Ill., assignor to Wilson & Co., Inc. Weasand product and method of preparing. 2,062,489; Dec. 1.
Aerovox Corporation. (See Waterman, Herbert, assignor.)
Aiken, Walter S., assignor to The Clark-Aiken Company, Lee, Mass. Paper cutting apparatus. 2,062,737; Dec. 1.
Air Conditioners, Inc. (See Marr, George M., assignor.)
Air Reduction Company, Inc. (See Smith, Donald L., assignor.)
Aktiengesellschaft der Eisen-und Stahlwerke vormals Georg Fischer. (See Mijnssen, Jacob W., assignor.)
Albright, Robert B., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Image suppression system. 2,062,956; Dec. 1.
Alig, Candace B., Des Moines, Iowa. Fur and woolen cold storage compartment for household refrigerators. 2,062,631; Dec. 1.
Alison, Noah L., assignor to American Blower Corporation, Detroit, Mich. Hydraulic coupling. 2,062,281; Dec. 1.
Allen-Wales Adding Machine Corporation. (See Schroder, Charles, assignor.)
Allgrunn, Carl G. (See Cary, J. B., Allgrunn, and Hollinger.)
Aluminum Company of America. (See Nock, Joseph A., Jr., assignor.)
Aluminum Company of America. (See Paine, Roy E., assignor.)
Amdur, Leon H., assignor to Masterpiece Radio Corp., Brooklyn, N. Y. Radio receiving set. 2,062,632; Dec. 1.
American Air Filter Company. (See Hegan, Chester P., assignor.)
American Bemberg Corporation, The. (See Hartmann, August, assignor.)
American Bemberg Corporation, The. (See Hofmann, H. and K. Richter, assignors.)
American Bemberg Corporation. (See Zinselmeyer, Walter, assignor.)
American Blower Corporation. (See Alison, Noah L., assignor.)
American Brass Company, The. (See Coe, James R., assignor.)
American Brass Company, The. (See Pierson, Harold L., assignor.)
American Buckle Co. (See Troendly, Harry P., assignor.)
American Engineering Company. (See Preston, Herbert E., assignor.)
American Hardware Corporation, The. (See Stone, Elmer B., assignor.)
American Lurgi Corporation. (See Debuch, C. P. and Markworth, assignors.)
American Optical Company. (See Wells, Joel C.)
American Rolling Mill Company, The. (See Delany, Albanus G., assignor.)
American Rolling Mill Company, The. (See Freeze, J. R., and Spaulding, assignors.)
American Rolling Mill Company. (See Hansen, George P., assignor.)
American Sealcone Corporation. (See Lutz, George, assignor.)
American Securit Company, The. (See Forbes, Lewis J-B., assignor.)
American Smelting and Refining Company. (See Skow, Ray C., assignor.)
Anderson, D. O. et al. (See Johnson, Paul B., assignor.)
Anderson, John P., assignor to Koppel Industrial Car and Equipment Company, Koppel, Pa. Car construction. 2,062,981; Dec. 1.
Anderson, John P., Koppel, assignor to Pressed Steel Car Company, Pittsburgh, Pa. Car brake. 2,062,982; Dec. 1.
Anderson Manufacturing Company. (See Chittick, Charles Y., assignor.)
Anderson Products, Incorporated. (See Ferguson, W. T., and Parks, Jr., assignor.)
Anderson, Russell G. (See Blazek, J. Y., and Anderson.)
Angel, Perry L. (See Bauer, E. G., and Angel.)
Appel, Oscar J., Paterson, N. J. Hearth construction for oil burners. 2,062,633; Dec. 1.
Appleby, Lance E., Wichita, Kans. Window sash-balancing means. 2,062,775; Dec. 1.
Appleton Wire Works, Inc. (See Weber, Louis N., assignor.)
Archibald, Francis M., Elizabeth, N. J., assignor to Standard Oil Development Company. Purifying acid sludge. 2,062,347; Dec. 1.
Arcturus Development Company. (See Krahl, Walter L., assignor.)
Armbruster, John W., East Rockaway, N. Y. Refrigerating cabinet. 2,062,856; Dec. 1.
Armour and Company. (See Ralston, A. W., and Christensen, assignors.)
Armour and Company. (See Sheely, Madison L., assignor.)
Arnold, Karl, Nuremberg, Germany. Gyrating toy. 2,062,490; Dec. 1.
Arnold, Pearl C., West Hanover, assignor to Barbour Welting Company, Brockton, Mass. Ring welt and method of making. 2,062,288; Dec. 1.
Arrow Safety Device Company. (See Haines, John R., assignor.)
Askania-Werke A. G. vormals Central Werkstatt Dessau und Carl Bamberg-Friedenau. (See Wünsch, Guido, assignor.)
Askin, Joseph, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Refrigerant control device. 2,062,857; Dec. 1.
Atlantic Refining Company, The. (See Ferris, Seymour W., assignor.)
Atlas Brewing Company. (See Forster, William F., assignor.)
Austin, Arthur O., near Barberton, Ohio. Compensated trunnion type clamp. 2,062,283; Dec. 1.
Automatic transmission Engineering Company, The. (See Hittell, John L., assignor.)
Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,062,634; Dec. 1.
Ayres, Pennie R., Roanoke, Va. Clock. 2,062,491; Dec. 1.
Bagpak, Inc. (See Baker, Webster N., assignor.)
Bagpak, Inc. (See Baker, W. N., Hurrey, and Cundall, assignors.)
Bake, Louis S. (See Calcott, W. S., and Bake.)
Baker, Webster N., Yeadon, Pa., assignor to Bagpak, Inc., New York, N. Y. Valve bag packing machine. 2,062,438; Dec. 1.
Baker, Webster N., Baldwin, R. C. Hurrey, Great Kills, and R. N. Cundall, Lackawanna, N. Y., assignors to Bagpak, Inc. Bag stapling machine. 2,062,439; Dec. 1.
Baldwin, Alfred W., Ashton-on-Mersey, and A. J. Hailwood, Altrincham, England, assignors to Imperial Chemical Industries Limited. Preparing aliphatic sulpho-ethers. 2,062,957; Dec. 1.
Baldwin, Alfred W., Sale, and A. J. Hailwood, Altrincham, England, assignors to Imperial Chemical Industries Limited. Ether compounds. 2,062,958; Dec. 1.
Baldwin, Clyde P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 2,062,661; Dec. 1.
Baldwin, H. J., & Company Limited. (See Walmsley, Horace J. D. L., assignor.)
Baldwin-Southwark Corporation. (See Weiland, Alfred, assignor.)
Balko, Charles H., Boston, assignor of one-half to M. Blaha, Versailles, Pa. Floating safe. 2,062,693; Dec. 1.
Ball Brothers Company. (See Stewart, Andrew H., assignor.)
Ball Brothers Company. (See Wadsworth, Frank L. O., assignor.)
Balls, Arnold K., Washington, D. C., and T. L. Swenson, Chevy Chase, Md., dedicated to the free use of the public in the territory of the United States of America. Alteration of egg white. 2,062,387; Dec. 1.
Barber Asphalt Company, The. (See Weller, John H., assignor.)
Barbour Welting Company. (See Arnold, Pearl C., assignor.)
Barbour Welting Company. (See Vizard, William C., assignor.)
Barclay, Robert E., Chicago, Ill. Electrical discharge device and electrode for same. 2,062,959; Dec. 1.
Barclay, Robert E., Chicago, Ill. Initiating and controlling electrical discharge in a gaseous conduction path. 2,062,960; Dec. 1.
Baskin, Charles M., Montreal, Quebec, Canada, assignor to Standard Oil Development Company. Bituminous pavement and making the same. 2,062,348; Dec. 1.
Bassick Company, The. (See Moore, Raymond G., assignor.)

Batchelor, John C., Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Forming a screen on material. 2,062,853; Dec. 1.
Baticle, Louis U. E. A., Paris, France. Suspension bridge. 2,062,983; Dec. 1.
Baticle, Louis U. E. A., Paris, France. Suspension bridge. 2,062,984; Dec. 1.
Baticle, Louis U. E. A., Paris, France. Suspension bridge. 2,062,985; Dec. 1.
Bauer, Edward G., and P. L. Angel, Pomona, Calif. Micrometer attachment. 2,062,961; Dec. 1.
Baumann, Henry N., Jr., and J. P. Swentzel, Niagara Falls, N. Y., and I. M. Logan, Niagara Falls, Ontario, Canada, assignors to The Carborundum Company, Niagara Falls, N. Y. Insulating casting. 2,062,962; Dec. 1.
Baxter, Donald L., Rutherford, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Wire connecting sleeve. 2,062,986; Dec. 1.
Beal, Fay, assignor to Kingston Products Corporation, Kokomo, Ind. Combined ignition and starter switch. 2,062,440; Dec. 1.
Beard, Leslie C., Jr. (See Rather, J. B., Beard, and Reiff.)
Beck, Allen F., assignor to The Clark Grave Vault Company, Columbus, Ohio. Grave vault hood. 2,062,492; Dec. 1.
Bell Telephone Laboratories, Incorporated. (See Cesareo, Orfeo, assignor.)
Bell Telephone Laboratories, Incorporated. (See Fay, Clifford E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Laico, Joseph P., assignor.)
Bell Telephone Laboratories, Incorporated. (See Riesz, Robert R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Samuel, Arthur L., assignor.)
Bendix Aviation Corporation. (See Norton, Raymond J., assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Casler, Roger H., assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Casler, R. H., and Eaton, assignors.)
Bendix-Westinghouse Automotive Air Brake Company. (See Johnson, Stephen, Jr., assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Turek, Thomas J., assignor.)
Benedek, Elek, Mount Gilead, Ohio. Grinding antifriction needle bearings. 2,062,803; Dec. 1.
Bennett, Arthur, San Francisco, Calif. Gumming machine. 2,062,284; Dec. 1.
Bennett, Charles E., Ridgewood, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric cable system. 2,062,289; Dec. 1.
Benninger, Eugen, Zurich, Switzerland. Calculating machine. 2,062,963; Dec. 1.
Bentley, Maurice R., and R. R. Reppert, Bryan, Tex. Device for measuring land. 2,062,388; Dec. 1.
Beplate, Viktor. (See Glatzel, G., and Beplate.)
Berger Manufacturing Company, et al. (See Foehrenbach, A. F., and Shoup, assignors.)
Bergman, Sam, Tampa, Fla. Syringe. 2,062,285; Dec. 1.
Bergstrom, Carl P., Millbury, and A. Palmer, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin release for weft replenishing looms. 2,062,694; Dec. 1.
Berkowitz Envelope Company. (See Berkowitz, Eugene B., assignor.)
Berkowitz, Eugene B., assignor to Berkowitz Envelope Company, Kansas City, Mo. Envelope. 2,062,776; Dec. 1.
Bernstein, Maurice J., Brighton, assignor to Panther-Panco Rubber Co. Inc., Chelsea, Mass. Shoe. 2,062,493; Dec. 1.
Berntsen, Carl A. (See Johnson, Caroline S., assignor.)
Bigler, Edward A., Auburn, Ill. Automatic farm gate 2,062,738; Dec. 1.
Bingham Stamping & Tool Company, The. (See Snell, Samuel A., assignor.)
Birr, John E. W., San Leandro, assignor of one-half to A. G. Nicolini, Oakland, Calif. Washing machine. 2,062,286; Dec. 1.
Bishop & Babcock Mfg. Company, The. (See Root, Walter S., Jr., assignor.)
Bitter, Jack L., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Washing of yarn. 2,062,987; Dec. 1.
Blakeman, Benjamin F., assignor of one-half to R. E. Rhudy, Greensboro, N. C. Copyholder. 2,062,964; Dec. 1.
Blackman, Joseph P., Fairfield, a signor of one-half to E. F. Hurd, Bridgeport, Conn. Stocking drier and stretcher. 2,062,777; Dec. 1.
Blaha, Mike. (See Balko, Charles H., assignor.)
Blaw-Knox Company. (See Chandler, Willard P., Jr., assignor.)
Blaw-Knox Company. (See Venable, William M., assignor.)
Blazek, John Y., Maple Heights, and R. G. Anderson, Cleveland assignors to Lempco Products, Inc., Bedford, Ohio. Clamping means. 2,062,494; Dec. 1.
Bleibler, Ernst, Gent, Belgium. Apparatus for coating fibers. 2,062,389; Dec. 1.
Block, Samuel J., assignor to Steel Kitchens Corporation, Connersville, Ind. Making sheet metal construction. 2,062,287; Dec. 1.
Blumenthal Sidney, & Co. (See Holland, Arthur G., assignor.)
Booth, George M. (See Tryon, R. W., and Booth.)
Borden Company, The. (See Page, W. and Taylor, assignors.)
Borg, George W., Corporation. (See Hobbs, John W., assignor.)
Bott, George R., assignor to Norma-Hoffman Bearings Corporation, Stamford, Conn. Journal bearing. 2,062,290; Dec. 1.
Boulton Paul Aircraft Limited. (See North, John D., assignor.)
Bousquet, Edward N. (See Schwendt, B. J., Bousquet, and Diffenbacher.)
Bowen, William S., Westfield, N. J. Supercharging mechanism. 2,062,859; Dec. 1.
Bowser, S. F., & Company. (See Griffith, Clement P., assignor.)
Bowser, S. F., & Company. (See Renfrew, Paul B., assignor.)
Boyd, Kenneth M., assignor, by mesne assignments, to Scale Models, Inc., Chicago, Ill. Truck bolster for model railways. 2,062,965; Dec. 1.
Bradford, Zerbe C. (See Mapes, C. W., and Bradford.)
Bradley, John Y., Wharton, N. J. Knitting machine. 2,062,695; Dec. 1.
Bradshaw, James B. (See Erickson, Prentis E., assignor.)
Braga, Luigi F., Rome, Italy. Automatic governor for motors, responsive to the resistant torque. 2,062,804; Dec. 1.
Brayton, Harold M., Teaneck, N. J. Ammunition. 2,062,495; Dec. 1.
Breitwieser, Heinrich, Griesheim, near Darmstadt, assignor to Maschinenfabrik Augsburg-Nuernberg A. G., Nuremberg, Germany. Lifting bridge. 2,062,635; Dec. 1.
Brin, Morris, assignor to E. L. Millet, Chicago, Ill. Cap remover. 2,062,976; Dec. 1.
Bristol Company, The. (See Abbott, O. C., and Faust, assignors.)
British Cotton Industry Research Association, The. (See Williams, T. C., and Shorter, assignors.)
British-Geco Engineering Company. (See Callow, John M., assignor.)
Brökel, Otto, Hamburg, Germany. Carburetor. 2,062,496; Dec. 1.
Brooks, Byron B. (See Sorensen, Einar N., assignor.)
Brooks, Clarence W., Jr., Woodbury, N. J., and C. R. Johnson, West Chester, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cohesive low density pellets and process of controlled drying. 2,062,636; Dec. 1.
Brosius, Edgar E., Pittsburgh, Pa. Mud gun. 2,062,860; Dec. 1.
Browall, Bert H., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Automatic slack adjuster. 2,062,497; Dec. 1.
Brown, Chalmers S., Lima, Ohio. Sewage regulator. 2,062,390; Dec. 1.
Brown, Charles S., Syracuse, N. Y. Cylinder construction for air cooled internal combustion engines. 2,062,391; Dec. 1.
Brown, Charles S., Syracuse, N. Y. Cylinder construction for air cooled engines. 2,062,392; Dec. 1.
Brown, Charles S., Syracuse, N. Y. Cylinder construction for air cooled engines. 2,062,393; Dec. 1.
Brown, Charles S., Syracuse, N. Y. Cylinder block for air cooled internal combustion engines. 2,062,394; Dec. 1.
Brown, Frank K., assignor to Continental Screw Company, New Bedford, Mass. Screw. 2,062,550; Dec. 1.
Brown, Herbert S., Chicago, Ill. Tube forming machine. 2,062,291; Dec. 1.
Brown, Robert N., assignor to Packard Motor Car Company, Detroit, Mich. Worm gear burnishing machine and method. 2,062,696; Dec. 1.
Brown & Sharpe Manufacturing Company. (See Rich, Charles A., assignor.)
Brubaker, John A. (See Thurston, E. B., Brubaker, and Turner.)
Bruce, Alexander D., et al. (See Peters, Thomas B. R., assignor.)
Brundin, Ernest. (See Lyons, F. F., and Brundin.)
Brunhoff Manufacturing Company, The. (See Karst, Clarence E., assignor.)
Brusse, Archie B. and J. L. Carman, Denver, Colo. Orthodontic appliance. 2,062,395; Dec. 1.
Bryant, Roy B., Dallas, Tex. Internal combustion engine. 2,062,551; Dec. 1.
Buchholz, Herbert, Dortmund, Germany. Rivet of high-grade steel. 2,062,966; Dec. 1.
Budd Wheel Company. (See Farr, Warren H., assignor.)
Buehler, Leon, Jr., assignor to Frick Company, Waynesboro, Pa. Noncondensible gas separator. 2,062,697; Dec. 1.
Buffalo Forge Company. (See Yates, Arthur T., assignor.)
Bukove, Frank, Albuquerque, N. Mex., assignor of one-half to L. R. Kiehl, Raton, N. Mex. Locomotive drifting and by-pass valve. 2,062,292; Dec. 1.
Bulova, Ardé, assignor to Bulova Watch Company, Inc., New York, N. Y. Watch construction. 2,062,637; Dec. 1.
Bulova Watch Company. (See Bulova, Ardé, assignor.)
Bunting Brass and Bronze Company, The. (See Yager, G. F., and Heath, assignors.)

Burgess, Warren C., La Grange, and N. Contino, assignors to Burton-Dixie Corporation, Chicago, Ill. Wire forming machine. 2,062,552; Dec. 1.
Burton-Dixie Corporation. (See Burgess, W. C. and Contino, assignors.)
Buschman, Edward. (See Edmunds, John D., assignor.)
Busch-Sulzer Bros.-Diesel Engine Company. (See Pollister, Edward B., assignor.)
Bush, A. G. (See Criner, Harry J., assignor.)
Bushnell, Charles S., assignor to General Railway Signal Company, Rochester, N. Y. Traffic controlling system for railroads. 2,062,861; Dec. 1.
Busignies, Henri G., Paris, France, assignor to Western Electric Company, Incorporated, New York, N. Y. Direction finding antenna system. 2,062,441; Dec. 1.
Byington, James A., Orlando, Fla. Hand truck. 2,062,498; Dec. 1.
Calame, Gordon J., assignor to Micro-Westco, Incorporated, Bettendorf, Iowa. Guide for blade frames of slicing machines. 2,062,862; Dec. 1.
Calcott, William S. and L. S. Bake, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Making arylamines. 2,062,349; Dec. 1.
Callow, John M., assignor to British-Geco Engineering Company, Limited, London, England. Settling tank. 2,062,988; Dec. 1.
Cameron Can Machinery Co. (See Cameron, William, assignor.)
Cameron, William, assignor to Cameron Can Machinery Co., Chicago, Ill. Compound applying machine. 2,062,863; Dec. 1.
Campbell, John, Glens Falls, assignor to International Paper Company, New York, N. Y. Making paper. 2,062,442; Dec. 1.
Campbell, Nicholas D., Hackensack, N. J. Valveless inflatable article. 2,062,638; Dec. 1.
Campbell, Roy E., Claremont, N. H., assignor to Sullivan Machinery Company. Ratchet mechanism. 2,062,805; Dec. 1.
Campos, Louis H., New York, N. Y. Book holder. 2,062,553; Dec. 1.
Canaday, Miron S., Rochester, Minn., assignor to Reid, Murdoch & Co., Chicago, Ill. Corn cutting apparatus. 2,062,739; Dec. 1.
Canépa, Enrique J., Buenos Aires, Argentina. Operating covers of kitchen boilers. 2,062,967; Dec. 1.
Caplan, Moses, Boston, Mass. Shelf trimming. 2,062,499; Dec. 1.
Carborundum Company, The. (See Baumann, H. N., Jr., Swentzel, and Logan, assignors.)
Carleton, Paul W., Penns Grove, and E. L. Mattison, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Improved 4:4'-dimethyl-6:6'-dihalogen thioindigo. 2,062,443; Dec. 1.
Carlsen, John A., Omaha, Nebr. Hog-tongue guard. 2,062,554; Dec. 1.
Carlson, Einar W., and P. J. Wlezevich, Elizabeth, N. J., assignors to Standard Oil Development Company. Fuel coating composition. 2,062,350; Dec. 1.
Carman, Joseph L. (See Brusse, A. B., and Carman.)
Carmody, William H. (See Thomas, C. A., and Carmody.)
Carson, Benjamin R., Camden, N. J., assignor to Radio Corporation of America. Automatic phonograph. 2,062,396; Dec. 1.
Cartier, Octave S., Ansonville, Ontario, Canada. Coupling. 2,062,740; Dec. 1.
Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Gathering and loading machine. 2,062,555; Dec. 1.
Cartwright, F. Sylvester. (See Cartwright, Thomas E., assignor.)
Cartwright, Thomas E., assignor of one-half to F. S. Cartwright, Portland, Oreg. Wall chute for hills. 2,062,639; Dec. 1.
Cary, Joseph B., Buffalo C. G. Allgrunn and J. E. Hollinger, assignors to Niagara Sprayer and Chemical Company, Inc., Middleport, N. Y. Crop duster. 2,062,294; Dec. 1.
Cary Joseph B., Buffalo, C. G. Allgrunn and J. E. Hollinger, assignors to Niagara Sprayer and Chemical Company, Inc., Middleport, N. Y. Crop duster. 2,062,295; Dec. 1.
Case, Arthur F., assignor to The Wellman Engineering Company, Cleveland, Ohio. Hood for car dumpers. 2,062,503; Dec. 1.
Case, Arthur F., and J. P. Doyle, Lakewood, assignors to The Wellman Engineering Company, Cleveland, Ohio, Hood for car dumpers. 2,062,501; Dec. 1.
Case, Arthur F., Cleveland, and J. P. Doyle, Lakewood, assignors to The Wellman Engineering Company, Cleveland, Ohio. Hood for car dumpers. 2,062,502; Dec. 1.
Cashman, Denis F., Dayton, Ohio. Propeller drive. 2,062,293; Dec. 1.
Casio Products Corporation. (See Cohen, Joseph H., assignor.)
Casler, Roger H., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Brake mechanism. 2,062,806; Dec. 1.
Casler, Roger H., and W. A. Eaton, assignors to Bendix Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Brake mechanism. 2,062,500; Dec. 1.
Castricone, John A., Peoria, Ill. Ironing machine. 2,062,989; Dec. 1.
Celanese Corporation of America. (See Dreyfus, C., and Schneider, assignors.)
Centervall, Hugo A., Brooklyn, assignor to Manly Corporation, New York, N. Y. Eccentric valve control. 2,062,296; Dec. 1.
Central United National Bank, as trustee. (See Coil, Grover C., assignor.)
Central United National Bank, as trustee. (See Ohmer, John F., assignor.)
Cesareo, Orfeo, Washington Township, Bergen County, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,062,444; Dec. 1.
Chamberlain, Charles H., and C. P. Staynard, Nelson, New Zealand. Wire binding machine. 2,062,698; Dec. 1.
Champion Spark Plug Company. (See Jeffry, B. A., and Riddle, assignors.)
Chandler, Jr., Willard P., assignor to Blaw-Knox Company, Pittsburgh, Pa. Apparatus for desuperheating steam. 2,062,397; Dec. 1.
Chapman, Cecil, Pinner, assignor to Monsanto Chemicals Limited, London, England. Improving the wetting out properties of materials. 2,062,504; Dec. 1.
Charlton, Edgar A., assignor to International Paper Company, New York, N. Y. Apparatus for the manufacture of paper. 2,062,445; Dec. 1.
Charton, Pierre. (See Monette, Jeanne, assignor.)
Chase Companies, The. (See Surface, Morris E., assignor.)
Chicago Railway Equipment Company. (See Moore, A. C., and Wasberg, assignors.)
Chittick, Charles Y., Newton Center, assignor to Anderson Manufacturing Company, Cambridge, Mass. Electric lighter for oil burners. 2,062,556; Dec. 1.
Christensen, Carl W. (See Ralston, A. W., and Christensen.)
Christensen, Heinrich, Copenhagen, Denmark. Gear box, especially for automobiles. 2,062,968; Dec. 1.
Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Burnishing apparatus. 2,062,699; Dec. 1.
Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Worm gear burnishing machine and method. 2,062,700; Dec. 1.
Cincinnati Rubber Manufacturing Company. (See Joseph, John F., assignor.)
Clark-Aiken Company, The. (See Aiken, Walter S., assignor.)
Clark, George C., Beverly Hills, Calif. Shoe last. 2,062,557; Dec. 1.
Clark Grave Vault Company, The. (See Beck, Allen F., assignor.)
Clark, Samuel C. and H. M. Pryale, Pontiac, Mich. Heating system for vehicle bodies. 2,062,864; Dec. 1.
Clemons, Frederick E., Indianapolis, Ind. Independent wheel suspension. 2,062,778; Dec. 1.
Cleveland, Clarence E., Salina, Kans. Coloring stone. 2,062,865; Dec. 1.
Cleveland Trust Company, The, trustee. (See Norton, Allen B., assignor.)
Cleveland Trust Company, The, trustee. (See Welty, George D., assignor.)
Clingestein, Heinrich. (See Wiedemann, K., Clingestein, Krzikalla, and Kuehne.)
Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Forming nuts and the like. 2,062,640; Dec. 1.
Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Making nuts and the like. 2,062,641; Dec. 1.
Coddington, Edwin D., Milwaukee, Wis., assignor to Reynolds Corporation, New York, N. Y. Stud. 2,062,398; Dec. 1.
Coddington, Edwin D., Milwaukee, Wis., assignor to Reynolds Corporation, New York, N. Y. Joist. 2,062,399; Dec. 1.
Coe, James R., Watertown, assignor to The American Brass Company, Waterbury, Conn. Apparatus for reducing metal stock. 2,062,559; Dec. 1.
Cohen, Joseph H., assignor to Casco products Corporation, Bridgeport, Conn. Cigar lighter heating element. 2,062,701; Dec. 1.
Coil, Grover C., Dayton, assignor, by mesne assignments, to Central United National Bank, Cleveland, Ohio, as trustee. Electrically operated flag shaft throwing mechanism. 2,062,558; Dec. 1.
Coleman, David. (See Scallse, O., and Coleman.)
Coleman, John H., Elizabeth, N. J., assignor to The Warner Chemical Company, New York, N. Y. Making Sodium phosphates. 2,062,866; Dec. 1.
Collaud, Charles. (See Kretchmar, G., and Collaud.)
Collum, Samuel J., Philadelphia, Pa. Rotary engine. 2,062,446; Dec. 1.
Colman, Howard D. (See Lilja, Edgar D., assignor.)
Colman, Howard J. (See Stewart, Duncan J., assignor.)
Congable, Henry F., Oakland, Calif. Sprinkler head for irrigation pipes. 2,062,779; Dec. 1.
Connecticut Telephone & Electric Corporation. (See Curtiss, William R., assignor.)
Connors, Thomas. (See Curtis, David W., assignor.)
Continental Fire-Proof Iron Corp. (See Kipper, A. F., and Tuckerman, assignors.)
Continental Motors Corporation. (See Meyer, Andre J., assignor.)

Continental Motors Corporation. (See Timian, Harold H., assignor.)
Continental Screw Company. (See Brown, Frank K., assignor.)
Contino, Nicholas. (See Burgess, W. C., and Contino, assignors.)
Cooper Sparkellte, Inc. (See Van Dusen, C. H., and Dietrich, assignors.)
Copperweld Steel Company. (See Jensen, Claude H., assignor.)
Corkill, Frederick W., Los Angeles, Calif., assignor to Pacific Coast Borax Co. Making borax glass. 2,062,505; Dec. 1.
Cosler, Horace B., Evanston, Ill., assignor to National Candy Company, Inc., St. Louis, Mo. Candy decorating method. 2,062,867; Dec. 1.
Court, Frank T., assignor to Deere & Company, Moline, Ill. Adjusting means for agricultural implements. 2,062,351; Dec. 1.
Cramer, Grant W., assignor to Dura Company, Toledo, Ohio. Tray assembly. 2,062,807; Dec. 1.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Apparatus for grinding serrated cutting blades. 2,062,352; Dec. 1.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Roll and bun slicer. 2,062,353; Dec. 1.
Crompton & Knowles Loom Works. (See Bergstrom, C. P., and Palmer, assignors.)
Crompton & Knowles Loom Works. (See Darwin, Clifford, assignor.)
Crompton & Knowles Loom Works. (See Gordon, A. A., 3d, and Latham, assignors.)
Crompton & Knowles Loom Works. (See Jennings, Victor H., assignor.)
Crompton & Knowles Loom Works. (See Payne, Oscar V., assignor.)
Crompton & Knowles Loom Works. (See Turner, Richard G., assignor.)
Crosley Radio Corporation, The. (See Willging, Louis F., assignor.)
Csarada, Hella. (See Nagy, Pál S., assignor.)
Cundall, Robert N. (See Baker, W. N., Hurrey, and Cundall.)
Curtis, David W., Richmond, Calif., assignor of fifty per cent to T. Connors, St. Louis, Mo. Attaching plug receiving members to metal containers. 2,062,780; Dec. 1.
Curtiss, William R., assignor to Connecticut Telephone & Electric Corporation, Meriden, Conn. Signal device. 2,063,003; Dec. 1.
Cutler-Hammer, Inc. (See Stanbury, Carroll, assignor.)
Cyanide Generator Company. (See Reid, James J., assignor.)
Czerniak, Joseph, Muskegon Heights, Mich. Lathe. 2,062,741; Dec. 1.
Dahlstrom Metallic Door Company. (See Dawson, Axel G., assignor.)
Dann, Paul N., assignor to The Rattan Manufacturing Company, New Haven, Conn. Watertight box connecter. 2,062,400; Dec. 1.
Darrah, William A., Chicago, Ill. Furnace for enameling, heat treating, etc., and applying heat therefor. 2,062,642; Dec. 1.
Darwin, Clifford, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle binder control for looms. 2,062,702; Dec. 1.
Daudt, Herbert W., and M. A. Youker, assignors to Kinetic Chemicals, Inc., Wilmington, Del. Production of fluorine-containing carbon compounds. 2,062,743; Dec. 1.
Davis, Ernest W., Oak Park, assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,062,447; Dec. 1.
Davis, Garland H. B., Baton Rouge, La., assignor to Standard Oil Development Company. Crystallization inhibitor for paraffin wax in lubricating oils. 2,062,354; Dec. 1.
Davis, Jack H., Dallas, Tex. Piston. 2,062,808; Dec. 1.
Davis, Stanley R., Detroit, Mich. Tank top tray. 2,062,742; Dec. 1.
Dawson, Axel G., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y. Partition. 2,062,868; Dec. 1.
Dayton Rubber Manufacturing Company, The. (See Freedlander, Abraham L., assignor.)
De Baufre, William L., Lincoln, Nebr., Apparatus for discharging liquefied gases from a vessel below atmospheric temperature. 2,062,781; Dec. 1.
Debuch, Carl P. and E. Markworth, Frankfort-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Conducting chemical and metallurgical operations in a rotary furnace. 2,062,869; Dec. 1.
Decker, Harry L., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Diaphragm vestibule construction for railway cars. 2,062,560; Dec. 1.
Deere & Company. (See Court, Frank T., assignor.)
Deere & Company. (See McKahin, Herbert B., assignor.)
Deitz, Louis S., Jr., Metuchen, N. J., and H. H. Weiser, Pleasant Plains, assignor to Nassau Smelting and Refining Company, Incorporated, New York, N. Y. Metallic alloy. 2,062,448; Dec. 1.
De Lado, Stephan, Washington, D. C. Apparatus for straightening hair. 2,062,561; Dec. 1.
Delany, Albanus G., Gadsen, Ala., assignor, by mesne assignments, to The American Rolling Mill Company, Middletown, Ohio. Automatic mechanical catcher for rolling mills. 2,062,297; Dec. 1.
De Laval Separator Company, The. (See Strezynski, George J., assignor.)
Denovan, Robert A., Asbestos, Quebec, Canada. Excavating machine. 2,062,744; Dec. 1.
Dent, Roy F., Oak Park, Ill., assignor to General Electric X-Ray Corporation. Bucky diaphragm. 2,062,562; Dec. 1.
Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Fitting for hydraulic brake systems. 2,062,449; Dec. 1.
Dietrich, Edwin C. (See Van Dusen, C. H., and Dietrich.)
Diffenbacher, James A. (See Schwendt, B. J., Bousquet, and Diffenbacher.)
Disque, William, and C. E. Skelton, Syracuse, N. Y., said Skelton assignor to said Disque. Half tone screen operating mechanism. 2,062,401; Dec. 1.
Djordjevitch, Yesdimir, Paris, France. Carburetting device. 2,062,506; Dec. 1.
Dobie, George & Son Limited. (See Warren, James D. N., assignor.)
Donnelly, Edna C. (See Kramer, Dwight J., assignor.)
Doyle, Joseph P. (See Case, A. F., and Doyle.)
Dreyfus, Camille, New York, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Making products comprising derivatives of cellulose. 2,062,402; Dec. 1.
Dreyfus, Henry, London, England. Cellulosic composition. 2,062,403; Dec. 1.
Dreyfus, Henry, London, England. Manufacture of cyclic ethers of polyhydric alcohols. 2,062,404; Dec. 1.
Dreyfus, Henry, London, England. Manufacture and treatment of materials. 2,062,405; Dec. 1.
Dreyfus, Henry, London, England. Manufacture of artificial filaments, threads, yarns, ribbons, films, foils, sheets, and like materials. 2,062,406; Dec. 1.
Dunham, C. A., Company. (See Powell, Ellis G., assignor.)
Du Pont, E. I., de Nemours & Company. (See Brooks, C. W., Jr., and Johnson, assignors.)
Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and Bake, assignors.)
Du Pont, E. I., de Nemours & Company. (See Carleton, P. W., and Mattison, assignors.)
Du Pont, E. I., de Nemours & Company. (See English, Fredrick L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Lockwood, assignors.)
Du Pont, E. I., de Nemours & Company. (See Kharasch, Morris S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Kirst, William E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lawson, Walter E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Maurer, G., and Ford, assignors.)
Du Pont, E. I., de Nemours & Company. (See Morgan, Russell, assignors.)
Du Pont, E. I., de Nemours & Company. (See Thomas, Raymond E., assignor.)
Dura Company. (See Cramer, Grant W., assignor.)
Dutcher, Roy S., Mount Pleasant, Mich. Woodworking machine. 2,062,969; Dec. 1.
Dyer, John B., Pendleton, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Control apparatus for engine starters. 2,062,970; Dec. 1.
Early, J. B., et al. (See Pierce, Orbra C., assignor.)
Eaton, George M., assignor to Spang, Chalfant & Company, Inc., Pittsburgh, Pa. Joint. 2,062,407; Dec. 1.
Eaton, Wilfred A. (See Casler, R. H., and Eaton.)
Eclipse Machine Company. (See Sekella, Youston, assignor.)
Edge, Walter S., assignor to Pittsburgh Steel Company, Pittsburgh, Pa. Highway guard. 2,062,408; Dec. 1.
Edmunds, John D., Glen Ellyn, assignor to E. Buschman, Chicago, Ill. Feeding means for duplicating machines. 2,062,643; Dec. 1.
Ehret, Clement, White Plains, N. Y. Rotatable top stove. 2,062,870; Dec. 1.
Eichmann, Theophil, Bern-Liebefeld, Switzerland, assignor to International Carbonic Engineering Company, Kennet Square, Pa. Apparatus for solidifying carbon dioxide. 2,062,971; Dec. 1.
Eltzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Message recording machine. 2,062,298; Dec. 1.
Electric Household Utilities Corporation. (See McCaughan, William J., assignor.)
Ellis, Carleton, Montclair, N. J., assignor to Standard Oil Development Company. Treating lubricating and other oils. 2,062,355; Dec. 1.
Emerson Electric Mfg. Co., The. (See Weber, Victor, assignor.)
Engler, Max L., assignor to The General Tire & Rubber Company, Akron, Ohio. Stitching apparatus. 2,062,871; Dec. 1.

English, Fredrick L., Carneys Point, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing flavanthrone. 2,062,450; Dec. 1.
Ensign Carburetor Co. (See Ensign, Orville H., assignor.)
Ensign, Orville H., Pasadena, assignor to Ensign Carburetor Co., Ltd., Huntington Park, Calif. Injection engine and fuel injection device. 2,062,644; Dec. 1.
Epstein, Albert K., and B. R. Harris, Chicago, Ill. Treatment of lecithin. 2,062,782; Dec. 1.
Erickson, Edward S., Salem, Ohio, assignor to The International Nickel Company, Inc., New York, N. Y. Sink of composite character. 2,062,809; Dec. 1.
Erickson, Prentis E., assignor to J. B. Bradshaw, Minneapolis, Minn. Exercising and treatment apparatus. 2,062,299; Dec. 1.
Erickson, Prentis E., assignor t o J. B. Bradshaw, Minneapolis, Minn. Arm exercising and stomach treatment apparatus. 2,062,300; Dec. 1.
Exhibit Supply Company. (See Kelly, Leo J., assignor.)
Faber, Ernst, Stuttgart, Germany. Vacuum cleaner nozzle. 2,062,508. Dec. 1.
Fair, Albert E. H., St. Catharines, Ontario, Canada. Manufacture of paper. 2,062,563; Dec. 1.
Fairchild, Sherman M. (See Rockwell, E. A., and Fairchild.)
Fairless, Oscar, Idaho Falls, Idaho. Cigar lighter. 2,062,703; Dec. 1.
Farnsworth, Philip. (See Hine, Dewey, assignor.)
Farr, Warren H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Forming wheels. 2,062,564; Dec. 1.
Farr, Warren D., and F. B. Samuel, Baton Rouge, La., assignors to Standard Oil Development Company. Separating oil from slack wax. 2,062,356; Dec. 1.
Faust, Fred A. (See Abbott, O. C., and Faust.)
Fay, Clifford E., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,062,301; Dec. 1.
Fay, Clifford E., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,062,302; Dec. 1.
Fedders Manufacturing Company. (See Askin, Joseph, assignor.)
Fedders Manufasturing Company. (See Smith, Lawrence C., assignor.)
Federal Foundation Inc. (See Whitlock, R. G., and Sharp, assignors.)
Feldspathic Research Corporation. (See Weis, Joseph H., assignor.)
Fennell, Robert S., and E. E. Spencer, Norwood, Ontario, Canada. Post clamp for storage batteries. 2,062,409; Dec. 1.
Ferguson, John L., Joliet, Ill., assignor, by mesne assignments, to P. Hawkins, Los Angeles, Calif. Tube making machine. 2,062,303; Dec. 1.
Ferguson, Warren T., Waban, and J. A. Parks, Jr., Milton, Mass., assignors, by mesne assignments, to Anderson Products, Incorporated. Heating system. 2,062,565; Dec. 1.
Ferris, Seymour W., Aldan, assignor to The Atlantic Refining Company, Philadelphia, Pa. Treatment of hydrocarbons. 2,062,872; Dec. 1.
Ferrocon Corporation. (See Kotrbaty, Guy F., assignor.)
Fischer, Henrietta A., Pittsburgh, Pa. Depilatory. 2,062,411; Dec. 1.
Fletcher, Leonard D., and J. C. Krejci, Omaha, Nebr. Garment hanger guard. 2,062,566; Dec. 1.
Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Diazo composition. 2,062,873; Dec. 1.
Flury, William J., Long Beach, Calif. Perforation cleaner and bailer. 2,062,783; Dec. 1.
Foehrenbach, Arthur F., and R. F. Shoup, Canton, Ohio, assignors of one-half to Berger Manufacturing Company, Canton, Ohio, and one-half to Shoup Voting Machine Corporation, Union City, N. J. Interlock support. 2,062,645; Dec. 1.
Food Machinery Corporation. (See Paxton, Carl H., assignor.)
Food Machinery Corporation. (See Paxton, Gerald C., assignor.)
Food Machinery Corporation. (See Thompson, Albert R., assignor.)
Forbes, Lewis J.-B., St. Helens, England, assignor to The American Securit Company, Wilmington, Del. Apparatus for holding glass plate during tempering. 2,062,567; Dec. 1.
Forbes, William G., Albany, N. Y. Cigarette cut-off device. 2,062,990; Dec. 1.
Ford, Stanley G. (See Maurer, G., and Ford.)
Forman, John F., Westmount, Quebec, Canada. Furnace. 2,062,357; Dec. 1.
Forse, Harry D., Anderson, Ind. Press actuating mechanism. 2,062,745; Dec. 1.
Forster, William F., assignor to Atlas Brewing Company, Chicago, Ill. Carrying carton. 2,062,451; Dec. 1.
Forsyth, Dorothy E. (See Forsyth, William B., Jr., assignor.)
Forsyth, William B., Jr., Vanderbilt, Mich., assignor to D. E. Forsyth. Dishwashing machine. 2,062,704; Dec. 1.
Foster, Walter W., Wichita Falls, Tex. Friction control for pull lines. 2,062,705; Dec. 1.
Fox, Joseph H., Long Island City, N. Y. Framing double face pocketbook mirrors. 2,062,646; Dec. 1.
Francisco Auto Heater Company. (See Francisco, C. M., and Roberts, assignors.)
Francisco, Charles M., and C. P. Roberts, assignors to Francisco Auto Heater Company, Columbus, Ohio. Automobile heater. 2,062,509; Dec. 1.
Frederick, Harry A. (See Smith, Charles A., assignor.)
Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Cog belt. 2,062,568; Dec. 1.
Freeze, Jonathan R., and A. W. Spaulding, assignors to The American Rolling Mill Company, Middletown, Ohio. Tunnel liner. 2,062,706; Dec. 1.
Frick Company. (See Buehler, Leon, Jr., assignor.)
Frickey, Royal E., San Francisco, and A. S. Kalenborn, Redwood City, Calif., assignors to Welding Service, Inc., San Francisco, Calif. Rail heating apparatus. 2,062,569; Dec. 1.
Frolich, Per K. (See Wiezevich, P. J., and Frolich.)
Frolich, Per K., Roselle, N. J., assignor to Standard Oil Development Company. Carbon black manufacture. 2,062,358; Dec. 1.
Fuchs, Gottfried, and H. Späth, Stuttgart-Cannstatt, Germany. Machine for the electric welding of the feet of knitting machine needles. 2,062,647; Dec. 1.
Fuller, Frederick L., West Orange, N. J., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,062,570; Dec. 1.
Fulton Company, The. (See Thorp, Joel R., assignor.)
Fulton, Robert L., Webster City, Iowa. Vehicle wheel suspension. 2,062,874; Dec. 1.
Gail, John F., Evanston, Ill., assignor to Simmons Company, New York, N. Y. Method of and apparatus for making mattress boxing strips. 2,062,359; Dec. 1.
Garbell, Max, assignor to Victor Adding Machine Company, Chicago, Ill. Auxiliary printing mechanism. 2,062,746; Dec. 1.
Garcia, Anselmo, Long Beach, Calif. Plant protector. 2,062,410; Dec. 1.
Gardner, Kirtland C., Coraopolis, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Method of and apparatus for making sheet metal. 2,062,875; Dec. 1.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill mounting. 2,062,991; Dec. 1.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,062,992; Dec. 1.
Gaspar, Béla, Berlin-Schoneberg, Germany. Production of a colored sound film. 2,062,304; Dec. 1.
Geidner, Wilhelm, Kempten-Allgaeu, Germany. Holder for yarn spools and the like. 2,062,648; Dec. 1.
Geistharp, Frederick, Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Double glazed window. 2,062,747; Dec. 1.
General Aniline Works, Inc. (See Lange, H., and Helberger, assignor.)
General Aniline Works, Inc. (See Schmelser, A., and Schuster, assignors.)
General Aniline Works, Inc. (See Steindorff, A., Lange, and Horst, assignors.)
General Aniline Works, Inc. (See Wiedemann, K., Clingestein, Krzikalla, and Kueline, assignors.)
General Electric X-Ray Corporation. (See Dent, Roy F., assignor.)
General Motors Corporation. (See Dyer, John B., assignor.)
General Motors Corporation. (See Mapes, C. W., and Bradford, assignors.)
General Motors Corporation. (See Phelps, Alva W., assignor.)
General Railway Signal Company. (See Bushnell, Charles S., assignor.)
General Railway Signal Company. (See Hailes, William D., assignor.)
General Railway Signal Company. (See Powell, Winfred T., assignor.)
General Spring Bumper Corporation. (See Jandus, H. S., and Kristensen, assignors.)
General Spring Bumper Corporation. (See Jandus, H. S., and Short, assignors.)
General Tire & Rubber Company, The. (See Engler, Max L., assignor.)
Gerrmann, Meredith R., assignor to H. Hildebrandt, Chicago, Ill. Duplicator. 2,062,876; Dec. 1.
Gertz, Edward F., Sr., Racine, Wis. Greenhouse. 2,062,972; Dec. 1.
Gevaudan-Delawanna, Inc. (See Kretchmar, G., and Collaud, assignors.)
Gilbert & Barker Manufacturing Company. (See Logan, J. A., and Spear, assignors.)
Gilchrist, Gibb, et al. (See Pierce, Orbra C., assignor.)
Gillet, Alexis F., assignor to Jubilee Manufacturing Co., Omaha, Nebr. Dual resonator. 2,062,571; Dec. 1.
Gillette, Claude S., United States Navy. Sealing means. 2,062,305; Dec. 1.
Girdler Corporation, The. (See Vogt, Clarence W., assignor.)
Glatzel, Gunther, and V. Beplate, Sydowsaue, near Stettin, Germany, assignor to North American Rayon Corporation, New York, N. Y. Pot spinning mechanism. 2,062,707; Dec. 1.

Glen's Patents and Holdings, Inc. (See Silver, McMurdo, assignor.)

Gluckstein, Francesca, London, England. Cabinet closure and table. 2,062,452; Dec. 1.

Gluckstein, Francesca, London, England. Container for first air equipment. 2,062,973; Dec. 1.

Goetz, Maurus T., assignor to Teletype Corporation, Chicago, Ill. Delay apparatus for linecasting and composing machines. 2,062,306; Dec. 1.

Golden, Harry, New York, N. Y., assignor to Magna Products Corp. Guard for lever openings. 2,062,748; Dec. 1.

Goodale, Joseph L., Ipswich, Mass. Wood treatment and product. 2,062,877; Dec. 1.

Goodman Manufacturing Company. (See Cartlidge, Frank, assignor.)

Gordon, Albert A., 3d, Shrewsbury, and H. M. Latham, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin release for weft replenishing looms. 2,062,708; Dec. 1.

Goulooze, Martin J., Grand Rapids, assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,062,360; Dec. 1.

Grady, Charles B., West Orange, N. J. Gas treating apparatus. 2,062,412; Dec. 1.

Grady, Charles B., West Orange, N. J. Air conditioning apparatus. 2,062,413; Dec. 1.

Graham, Louis A., Milwaukee, Wis. Variable speed transmission. 2,062,901; Dec. 1.

Granville, Alta M., administratrix. (See Haddock, J. C., and Granville.)

Granville, Zantford D. (See Haddock, J. C., and Granville.)

Granville, Alta M., administratrix. (See Haddock, J. C., and Granville.)

Gratzmuller, Louis R. E., Paris, France. Speed governing device applicable to electric traction. 2,062,810; Dec. 1.

Green, William G., Tulsa, Okla. Seismograph. 2,062,784; Dec. 1.

Greene, Chester W., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on shoe parts. 2,062,307; Dec. 1.

Greensboro Full Fashioned Hosiery Mills, Inc., et al. (See Koebberling, O., Zwicky, and Hunt, assignors.)

Greve, Herman L. (See Luebkert, Fred E., assignor.)

Griffith, Clement P., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Dispensing apparatus. 2,062,308; Dec. 1.

Gross, Ernst. (See Ruppe, Hugo, assignor.)

Guichard, Louis, Paris, France. Elevator for liquids for feeding fuel to automobile engines. 2,062,709; Dec. 1.

Haddock, John C., Wilkes-Barre, Pa., and Z. D. Granville, Springfield, Mass., Alta M. Granville, administratrix of said Zantford D. Granville, deceased. Aircraft advertising. 2,062,510; Dec. 1.

Haddock, John C., Wilkes-Barre, Pa., and Z. D. Granville, deceased, Springfield, Mass., A. M. Granville, administratrix. Creating aerial effects. 2,062,511; Dec. 1.

Hagan, Alvin E. (See Howard, T. W., and Hagan.)

Hailes, William D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,062,710; Dec. 1.

Hallwood, Anthony J. (See Baldwin, A. W., and Hallwood.)

Haines, John R., Vincentown, assignor to Arrow Safety Device Company, Inc., Mt. Holly, N. J. Fender signal arrow and parking lamp. 2,062,993; Dec. 1.

Hall, Eric E. (See Jacobson, J. H., and Hall.)

Hallaux, Chester J. (See Kenagy, R. B., Sr., and Hallaux.)

Hamby, Cleo C., Covington, Ga. Swing hanger. 2,062,902; Dec. 1.

Hammel, Victor F., Richmond Hill, N. Y. Portable projection screen. 2,062,878; Dec. 1.

Hammenecker, Alphonse, Marlekerke, Belgium, assignor to The Ruberoid Co., New York, N. Y. Building plate. 2,062,879; Dec. 1.

Handy, James O., Larchmont, N. Y. Dyeing process. 2,062,903; Dec. 1.

Hannabach, Adam, Pittsburgh, Pa. Heel for shoes. 2,062,572; Dec. 1.

Hansen, George P., Gadsden, Ala., assignor, by mesne assignments, to The American Rolling Mill Company, Middleton, Ohio. Sheet rolling process and apparatus. 2,062,309; Dec. 1.

Hansen, Ole, Menan, Idaho. Beet harvester. 2,062,711; Dec. 1.

Hansen, Svend, assignor to Marblette Corporation, Long Island City, N. Y. Manufacturing two-colored articles. 2,062,880; Dec. 1.

Harger, Rolla N., Indianapolis, Ind. Apparatus for and process of readily determining alcohol concentrations in live animals and solutions. 2,062,785; Dec. 1.

Harmon, Walter S., Chicago, Ill., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Antenna circuit. 2,062,414; Dec. 1.

Harris, Benjamin R. (See Epstein, A. K., and Harris.)

Harrison, William R., assignor to The Spun Steel Corporation, Canton, Ohio. Method and apparatus for precision roller spinning articles of ductile material, such as rolled steel and the like. 2,062,415; Dec. 1.

Harstick, William H., Milwaukee, Wis., assignor to International Harvester Company. Neck bearing oiler for cream separators. 2,062,573; Dec. 1.

Hartmann, August, Berlin-Lichterfelde, Germany, assignor to the American Bemberg Corporation, New York, N. Y. Treatment of formed filaments. 2,062,712; Dec. 1.

Hartmann, Max, Reihen, near Basel, and A. Wettstein, Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Purifying hormones. 2,062,904; Dec. 1.

Hartwig, William G., assignor to Railway Utility Company, Chicago, Ill. Burner control apparatus. 2,062,749; Dec. 1.

Hastings, Whitney, Middletown, Conn. Game and educational device. 2,062,453; Dec. 1.

Haughton Elevator & Machine Company, The. (See Thurston, E. B., Brubaker, and Turner, assignors.)

Haux, Elmer H., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Vinyl acetal resin extrusion mix and making the same. 2,062,750; Dec. 1.

Hawkins, Paul. (See Ferguson, John L., assignor.)

Hazel-Atlas Glass Company. (See Peters, Ralph, assignor.)

Heath, Oliver J. (See Yager, G. F., and Heath.)

Hegan, Chester P., assignor to American Air Filter Company, Inc., Louisville, Ky. Auxiliary air filter frame. 2,062,649; Dec. 1.

Helm, Gustav A. M., Arnhem, Netherlands, assignor to North America Rayon Corporation, New York, N. Y. Aparatus for the winding of filaments. 2,062,881; Dec. 1.

Heinrich, Walter A., assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical connector. 2,062,882; Dec. 1.

Heinze Development Co. (See Heinze, John O., assignor.)

Heinze, John O., assignor to Heinze Development Co., Detroit, Mich. Pneumatic load carrying device. 2,062,574; Dec. 1.

Helberger, Johann H. (See Lange, H., and Helberger.)

Hellerud, Henry A. (See Sands, J., and Hellerud.)

Hellmers, Henry D., assignor to West End Chemical Company, Westend, Calif. Production of noncrystalline borax. 2,062,650; Dec. 1.

Henke, Clyde O., and W. H. Lockwood, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of essentially dry alkali metal alkyl sulphates. 2,062,454; Dec. 1.

Henuig, Albert, Keil, Germany. Refrigerator. 2,062,651; Dec. 1.

Henry, Beulah L., New York, N. Y. Writing machine. 2,062,455; Dec. 1.

Henry, Raymond, Rock Island, Ill. Flexible coupling. 2,062,575; Dec. 1.

Herbert Kricheldorff & Bruser. (See Weirauch, Bruno, assignor.)

Hercules Motors Corporation. (See Treiber, Otis D., assignor.)

Herman, Henry F. (See Pearson, R. E., Jr., and Herman.)

Herrmann, Louis A., Jersey City, N. J., and T. G. Roehmer, Malverne, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Cutting oil. 2,062,652; Dec. 1.

Heyer Corporation, The. (See Wahlquist, Albin B., assignor.)

Higginson, George S., assignor to J. C. Vredenburg, London, England. Apparatus for aerating liquids. 2,062,994; Dec. 1.

Higginson, George S., assignor to J. C. Vredenburg, London, England. Apparatus for aerating liquids. 2,062,995; Dec. 1.

Hildebrandt, Henry. (See Gerrmann, Meredith R., assignor.)

Hill, Valentine J., Jr., assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Handle for fire extinguishing apparatus. 2,062,713; Dec. 1.

Hilty, Evert H., and H. F. Umstott, assignors to The Will-Burt Comany, Orrville, Ohio. Automatic motor cut-off and alarm. 2,062,905; Dec. 1.

Hine, Dewey, Boonton, assignor of one-half to Philip Farnsworth, Summit, N. J. Motor vehicle vision-preserver. 2,062,512; Dec. 1.

Hipkiss, William H., Quinton, Birmingham, England. Ventilating fan. 2,062,513; Dec. 1.

Hittell, John L., Chicago, Ill., assignor to The Automatic Transmission Engineering Company, John L. Hittell, Trustee. Variable speed transmission 2,062,310; Dec. 1.

Hobbs, John W., assignor to George W. Borg Corporation, Chicago, Ill. Illuminated instrument dial. 2,062,883; Dec. 1.

Hocher, Andrew A., Etna, Pa., assignor to Hubbard and Company. Dead end clamp. 2,062,653; Dec. 1.

Hoe, R. & Co. (See Horton, A. J., and Smith, assignors.)

Hoffman Gas & Electric Heater Company. (See Jones, Truman H., assignor.)

Hofmann, Hugo and K. Richter, Elizabethton, Tenn., assignors to the American Bemberg Corporation, New York, N. Y. Acid guide. 2,062,714; Dec. 1.

Holland, Arthur G., Bridgeport, Conn., assignor to Sidney Blumenthal & Co. Inc., New York, N. Y. Producing pile fabric. 2,062,884; Dec. 1.

Hollinger, Jacob B. (See Cary, J. B., Allgrunn, and Hollinger.)

Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 2,062,658; Dec. 1.

Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 2,062,660; Dec. 1.

Holtzman, John, New York, N. Y. Pocket atomizer. 2,062,311; Dec. 1.

Hoof, Addison C., Hinsdale, Ill. Spark plug construction. 2,062,514; Dec. 1.

Hooven, Frederick J., Dayton, Ohio. Direction finder. 2,062,906; Dec. 1.

Horan, Laurence J., University City, Mo. Pad. 2,062,786; Dec. 1.

Horst, Karl. (See Steindorff, A., Lange, and Horst.)

Horton, Albert J., White Plains, and W. A. Smith, Jersey City, N. J., assignors, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Web supply mechanism for printing presses. 2,062,361; Dec. 1.

Hoschke, Frederick A., deceased, W. Hoschke, executrix, South Haven, Mich. Tremolo device. 2,062,515; Dec. 1.

Hoschke, Wilhelmina, executrix. (See Hoschke, Frederick A.)

Hostetler, Lloyd C., Honolulu, Hawaii. Time switch. 2,062,715; Dec. 1.

Houdry Process Corporation. (See Prickett, Thomas B., assignor.)

Howard, Merton W., assignor to Pope Machinery Corporation, Haverhill, Mass. Heel turning machine. 2,062,416; Dec. 1.

Howard, Thomas W., and A. E. Hagan, Hannibal, Mo. Plowshare with detachable point. 2,062,811; Dec. 1.

Hubbard and Company. (See Hocher, Andrew A., assignor.)

Hubbard, William A., Minneapolis, Minn. Nozzle for oil or other liquid. 2,062,362; Dec. 1.

Huelsbeck, Della M. (See White, L. J., and Munn, assignors.)

Hunkeler, Albert C. (See Michel, C. O. R., and Hunkeler.)

Hunt, John V. (See Koebberling, O., Zwicky, and Hunt.)

Hurd, Edward F. (See Blackman, Joseph P., assignor.)

Hurrey, Ross C. (See Baker, W. N., Hurrey, and Cundall.)

Hybinette, Sven E., and J. E. Tingay, assignors to The Nicralumin Company, Jackson, Mich. Producing aluminum alloy rivets. 2,062,977; Dec. 1.

Iddings, Carl, Staten Island, N. Y. Spraying device. 2,062,787; Dec. 1.

Ikawa, Shunichi. (See Kondo, H., and Ikawa, and Kokayashi.)

Imperial Chemical Industries Limited. (See Baldwin, A. W., and Hallwood, assignors.)

Ingram, Joseph R., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Rubber composition and preservation of rubber. 2,062,885; Dec. 1.

International Carbonic Engineering Company. (See Eichmann, Theophil, assignor.)

International Harvester Company. (See Acton, Russel D., assignor.)

International Harvester Company. (See Harstick, William H., assignor.)

International Harvester Company. (See Kaupke, Lee H., assignor.)

International Harvester Company. (See Kowalsky, Andrew, assignor.)

International Harvester Company. (See Wilson, Walter C., assignor.)

International Nickel Company, The. (See Erickson, Edward S., assignor.)

International Paper Company. (See Campbell, John, assignor.)

International Paper Company. (See Charlton, Edgar A., assignor.)

International Paper Company. (See Murray, James M., assignor.)

Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of alkyl phosphates. 2,062,312; Dec. 1.

Jackson, David D., Providence, R. I., and E. W. Tefft, South Attleboro, Mass. Controlling mechanism. 2,062,716; Dec. 1.

Jacob, Thomas H., Wausau, Wis. Trailer hitch. 2,062,788; Dec. 1.

Jacobson, James H., and E. E. Hall, Chicago, Ill. Parting strip for roadways or the like. 2,062,654; Dec. 1.

Jandus, Herbert S., and B. M. Short, assignors to General Spring Bumper Corporation, Detroit, Mich. Vehicle bumper construction. 2,062,313; Dec. 1.

Jandus, Herbert S., and N. Y. Kristensen, assignors to General Spring Bumper Corporation, Detroit, Mich. Bumper clamp and guard construction. 2,062,314. Dec. 1.

Jandus, Herbert S., and B. M. Short, assignors to General Spring Bumper Corporation, Detroit, Mich. Vehicle bumper construction. 2,062,315; Dec. 1.

Jay, Allen E., Wilmington, Ohio. Closure. 2,062,417; Dec. 1.

Jeffery, Benjamin A., and F. H. Riddle, Detroit, Mich., assignors to Champion Spark Plug Company, Toledo, Ohio. Making and using a glass batch. 2,062,007; Dec. 1.

Jennings, Victor H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Picking mechanism for looms. 2,062,717; Dec. 1.

Jensen, Claude H., Pittsburgh, assignor to Copperweld Steel Company, Glassport, Pa. Joint and making the same. 2,062,886; Dec. 1.

Jepsen, Carl M., Bellingham, Wash. Poultry house cleaner. 2,062,908; Dec. 1.

Johansson, Gustave. (See Perazzo, F., and Johansson.)

Johnson, Caroline S., assignor of one-half to C. A. Berntsen, San Francisco, Calif. Foot tub. 2,062,316; Dec. 1.

Johnson, Charles R. (See Brooks, C. W., Jr., and Johnson.)

Johnson & Johnson. (See King, George S., assignor.)

Johnson, Paul B., assignor of one-fourth to D. O. Anderson, one-fourth to H. Mayson, and one-fourth to P. E. Woods, Los Angeles, Calif. Rotary internal combustion engine. 2,062,576; Dec. 1.

Johnson, Stephen, Jr., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Motor vehicle control mechanism. 2,062,812; Dec. 1.

Johnston, Robert S., Yardley, Pa., assignor to John A. Roebling's Sons Company, Trenton, N. J. Coated welding rod. 2,062,457; Dec. 1.

Johnstone, Harold G., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Duplicating mechanism. 2,062,456; Dec. 1.

Jones, Truman H., assignor to Hoffman Gas & Electric Heater Company, Louisville, Ky. Anti-siphoning device. 2,062,516; Dec. 1.

Joseph, John F., Cincinnati, assignor to The Cincinnati Rubber Manufacturing Company, Norwood, Ohio. Roll. 2,062,317; Dec. 1.

Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Coal mining machine. 2,062,655; Dec. 1.

Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Apparatus for mining coal. 2,062,656; Dec. 1.

Joy, Joseph F., Marion, Ohio, assignor to Sullivan Machinery Company. Coal mining machine. 2,062,657; Dec. 1.

Jubilee Manufacturing Co. (See Gillet, Alexis, F., assignor.)

Kalenborn, Arlon S. (See Frickey, R. E., and Kalenborn.)

Kalif Corporation. (See Pike, Robert D., assignor.)

Kallberg, Oscar, Tacoma, Wash. Fishing line submerger. 2,062,718; Dec. 1.

Kaplan, Max, New York, N. Y. Artificial flowerpot. 2,062,577; Dec. 1.

Karst, Clarence E., assignor to the Brunhoff Manufacturing Company, Cincinnati, Ohio. Advertising sign. 2,062,887; Dec. 1.

Kaupke, Lee H., Auburn, N. Y., assignor to International Harvester Company. Picker arm for potato planters. 2,062,578; Dec. 1.

Kautter, Wolfgang and H. O. Roosenstein, assignors to Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany. Shielded electron discharge device. 2,062,663; Dec. 1.

Kearney, James R., Corporation. (See Heinrich, Walter A., assignor.)

Keller, Paul L., Concord, Calif. Plant guard. 2,062,789; Dec. 1.

Kellogg Switchboard and Supply Company. (See Peterson, Ruben O., assignor.)

Kelly, Leo J., assignor to Exhibit Supply Company, Chicago, Ill. Phonograph cabinet. 2,062,517; Dec. 1.

Kelsey-Hayes Wheel Company, The. (See Stefancky, Rudolph, assignor.)

Kelvinator Corporation. (See Goulooze, Martin J., assignor.)

Kenagy, Reed B., Sr., and C. J. Hallaux, Kansas City, Mo. Sandal. 2,062,909; Dec. 1.

Kendall, Genevieve A. (See Kendall, Ira H., assignor.)

Kendall, Ira H., assignor to G. A. Kendall, Potsdam, N. Y. Method of and apparatus for washing milk cans or other receptacles. 2,062,664; Dec. 1.

Kerner Incinerator Company. (See Nicol, Herbert E., assignor.)

Keulers, Jakob, Hilden, assignor to Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Manufacture of thin-walled light containers. 2,062,910; Dec. 1.

Kharasch, Morris S., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Insecticidal compositions and processes using the same. 2,062,911; Dec. 1.

Kidde, Walter, & Company. (See Hill, Valentine J., Jr., assignor.)

Kiebl, Leslie R. (See Bukove, Frank, assignor.)

Kindberg, Frank, Detroit, Mich. Electric conduit. 2,062,752; Dec. 1.

Kinetic Chemicals, Inc. (See Daudt, H. W., and Youker, assignors.)

King, George S., South Orange, assignor to Johnson & Johnson, New Brunswick, N. J. Disposable diaper. 2,062,978; Dec. 1.

King, Reginald W., Boston, Mass. Roll paper dispenser. 2,062,418; Dec. 1.

Kingston Products Corporation. (See Beal, Fay, assignor.)

Kinnear Mfg. Company, The. (See McCloud, Edward H., assignor.)

Kipper, Allen F., Glendale, and L. B. Tuckerman, Los Angeles, Calif., assignors to Continental Fire-Proof Iron Corp. Self-lifting sadiron. 2,062,665; Dec. 1.

Kirchhofer, August, Nashville, Tenn., and W. A. Kline, Columbus, Ga. Boiler blow-off apparatus. 2,063,007; Dec. 1.
Kirsch Company. (See Kirsch, Guy W., assignor.)
Kirsch, Guy W., assignor to Kirsch Company, Sturgis, Mich. Traverse curtain rod. 2,062,579; Dec. 1.
Kirst, William E., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pelleted blasting powder. 2,062,666; Dec. 1.
Kline, William A. (See Kirchhofer, A., and Kline.)
Kneeland, Frank H., Elmhurst, assignor to Safety Mining Company, Chicago, Ill. Blasting cartridge. 2,062,912; Dec. 1.
Knourek, Edward E., Lyons, Ill. Gymnastic apparatus. 2,062,813; Dec. 1.
Kobayashi, Yoshito. (See Kondo, H., Ikawa, and Kobayashi.)
Koch, Earl L., Chicago, Ill., assignor, by mesne assignments, to Radio Patents Corporation, New York, N. Y. Radio receiver. 2,062,888; Dec. 1.
Koch, Earl L., Chicago, Ill., assignor, by mesne assignments, to Radio Patents Corporation, New York, N. Y. Thermionic tube. 2,062,889; Dec. 1.
Koebberling, Otto, F. Zwicky, and J. V. Hunt, Greensboro, N. C., assignor of one-half to Mock, Judson, Voehringer Co. Inc., New York, N. Y., and one-half to Greensboro Full Fashioned Hosiery Mills, Inc. Yarn feed control mechanism for full fashioned hosiery knitting machines. 2,062,913; Dec. 1.
Kondo, Heizaburo, S. Ikawa, and Y. Kobayashi, Tokyo, Japan. Preparing pseudo-bufatalin. 2,062,067; Dec. 1.
Koppel Industrial Car and Equipment Company. (See Anderson, John P., assignor.)
Koppel Industrial Car and Equipment Company. (See Pehrson, Alfred K., assignor.)
Koppitz, Carl G., assignor to Railway & Industrial Engineering Co., Greensburg, Pa. Electrical switch. 2,062,580; Dec. 1.
Körting, Max, and F. Werner, Leipzig, Germany. Electric arc lamp. 2,062,419; Dec. 1.
Kotrbaty, Guy F., New York, N. Y., assignor to Ferrocon Corporation, Bryn Mawr, Pa. Building construction. 2,062,890; Dec. 1.
Kousin, Harry, assignor to R. Kousin, New York, N. Y. Watchcase. 2,062,891; Dec. 1.
Kousin, Rose. (See Kousin, Harry, assignor.)
Kowalsky, Andrew, Oak Park, Ill., assignor to International Harvester Company. Stalk gathering means for corn binders. 2,062,581; Dec. 1.
Kowalsky, Andrew, Oak Park, Ill., assignor to International Harvester Company. Butt pan and adjustment for corn binders. 2,062,582; Dec. 1.
Krahl, Walter L., Montclair, N. J., assignor, by mesne assignments, to Arcturus Development Company. Element assembly for electron devices. 2,062,751; Dec. 1.
Kramer, Dwight J., assignor of one-half to E. C. Donnelly, Hobart, Ind. Drip pan. 2,062,814; Dec. 1.
Krauss, Friedrich E., Schwarzenberg, Saxony, Germany. Washing machine. 2,062,668; Dec. 1.
Kreisler, Jacques, New Rochelle, N. Y. Vanity case. 2,062,363; Dec. 1.
Krejci, John C. (See Fletcher, L. D., and Krejci.)
Kretchmar, Gustave, and C. Collaud, Geneva, Switzerland, assignors to Givaudan-Delawanna, Inc., New York, N. Y. Preparation of coumarin. 2,062,364; Dec. 1.
Kristensen, Norman Y. (See Jandus, H. S., and Kristensen.)
Kruczek, Stanley J., Buffalo, N. Y. Balancing flywheel. 2,062,583; Dec. 1.
Krzikalla, Hans. (See Wiedemann, K., Clingestein, Krzikalla, and Kuehne.)
Kuehne, Walther. (See Wiedemann, Clingestein, Krzikalla, and Kuehne.)
Kunstmann, Edgar, Berlin-Heinersdorf, assignor to Steatit-Magnesia Aktiengesellschaft, Berlin-Pankow, Germany. Magnesium silicate electrical insulating composition. 2,062,914; Dec. 1.
Lackey, Robert M., Cohoes, N. Y. Parcel bag. 2,062,318; Dec. 1.
Laico, Joseph P., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,062,319; Dec. 1.
Laico, Joseph P., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,062,892; Dec. 1.
Lakenbach, Daniel, Valley Cottage, N. Y. Apparatus for waving hair. 2,062,893; Dec. 1.
La Mar, Frank C., New York, N. Y. Fuse indicator. 2,062,669; Dec. 1.
Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Control device. 2,062,915; Dec. 1.
Land, Edwin H. (See Matz, Charles H., assignor.)
Lane, Wilfred G., assignor to The Technicraft Engineering Corporation, Los Angeles, Calif. Well casing perforator. 2,062,974; Dec. 1.
Lane, Wilfred G., assignor to The Technicraft Engineering Corp., Los Angeles, Calif. Gun type well casing perforator. 2,062,975; Dec. 1.
Lang, Josef. (See von Hazslinszky, L., and von Lukács, assignors.)
Langdon, Andrew H., Los Angeles, Calif. Orifice meter plate. 2,062,584; Dec. 1.
Lange, Hans. (See Steindorff, A., Lange, and Horst.)
Lange, Hans, Dessau-in-Anhalt, and J. H. Helberger, Cologne-Mulheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Manufacture of py-3-hydroxytetrahydrohydroxynaphthoquinolines. 2,062,458; Dec. 1.
Langer, Edward J., Portland, Oreg. Adjustable door support. 2,062,320; Dec. 1.
Latham, Harry M. (See Gordon, A. A., 3d, and Latham.)
Laube, Grover, and C. M. Miller, Los Angeles, assignors to Twentieth Century-Fox Film Corporation, Hollywood, Calif. Monitoring finder. 2,062,585; Dec. 1.
Lawrence, James, Chicago, Ill. Restraining device. 2,062,586; Dec. 1.
Lawson, Walter E., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polycarboxylic acid esters. 2,062,917; Dec. 1.
Lawson, Walter E., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyhydric alcohol esters. 2,062,918; Dec. 1.
Leach, Elton H., Lake Charles, La. Inside casing cutter. 2,062,420; Dec. 1.
Le Blond, R. K., Machine Tool Company, The. (See Le Blond, Richard K., assignor.)
Le Blond, Richard K., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Tailstock construction for lathes. 2,062,790; Dec. 1.
Lee, Carl, assignor to Peabody Coal Company, Chicago, Ill. Peening machine. 2,062,459; Dec. 1.
Lee, Carl, assignor to Peabody Coal Company, Chicago, Ill. Welding machine and process of welding. 2,062,460; Dec. 1.
Le Fevre, Arden W., assignor to Stewart-Warner Corporation, Chicago, Ill. Straight scale speedometer. 2,062,461; Dec. 1.
Legat, Robert C., assignor to G. E. Prentice Manufacturing Company, New Britain, Conn. Slider for fasteners. 2,062,791; Dec. 1.
Lehew, Robert H., Highland Park, Mich. Cover and dispenser for milk cans and the like. 2,062,365; Dec. 1.
Leischner, Georg, Berlin-Schmockwitz, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meat", Utrecht, Netherlands. Regulating transformer. 2,062,719; Dec. 1.
Leischner, Georg, Berlin-Schmockwitz, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Regulating transformer. 2,062,720; Dec. 1.
Lempco Products, Inc. (See Blazek, J. Y., and Anderson, assignors.)
Leppik, Johannes, assignor to Felsit Insulation Corporation, New York, N. Y. Insulating material. 2,062,996; Dec. 1.
Lerouge, Stephen A., Battle Ground, Wash. Liquid heating device. 2,062,721; Dec. 1.
Levi, Louis E., Milwaukee, Wis. Fuels. 2,062,463; Dec. 1.
Levin, Isaac H., Pittsburgh, Pa. Method and apparatus for heat interchange. 2,062,321; Dec. 1.
Levine, Abraham, Elizabeth, N. J., assignor to Presto Lock Corporation, New York, N. Y. Garment carrier. 2,062,462; Dec. 1.
Libbey-Owens-Ford Glass Company. (See Wampler, Roy W., assignor.)
Lilienfeld, Julius E., Winchester, Mass. Anodes, forming the same, and formation electrolyte therefor. 2,062,464; Dec. 1.
Lilja, Edgar D., assignor to H. D. Colman, Rockford, Ill. Alternating current motor. 2,062,322; Dec. 1.
Limina, Philip B., Buffalo, N. Y. Increasing the range of wind instruments. 2,062,792; Dec. 1.
Lindbloom, Albert C., assignor to Lindbloom Auto Parts Company, Chicago, Ill. Valve stem packing. 2,062,518; Dec. 1.
Lindbloom Auto Parts Company. (See Lindbloom, Albert C., assignor.)
Lindboe, Theodor. (See Aanesen, F., and Lindboe.)
Lindbom, Carl G., assignor to U. P. M.-Kidder Press Co., Inc., Dover, N. H. Expansible shaft. 2,062,421; Dec. 1.
Linn, Albert W., Memphis, Tenn. Rotary gasoline engine. 2,062,753; Dec. 1.
Ljungberg, Johan W., Jonkoping, Sweden. Testing plug. 2,062,519; Dec. 1.
Lochman, Emil R., Milwaukee, Wis. Combined headlight and direction indicator for vehicles. 2,062,323; Dec. 1.
Lockwood, William H. (See Henke, C. O., and Lockwood.)
Loewenstein, Ludwig, Chicago, Ill. Device for molding frozen confections. 2,062,754; Dec. 1.
Logan Gear Company, The. (See Sprink, Isaac W., assignor.)
Logan, Ian M. (See Baumann, H. N., Jr., Swentzel, and Logan.)
Logan, Joseph A., Springfield, and L. F. Spear, Westfield, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Oil tester. 2,062,587; Dec. 1.
Logan, Joseph A., Springfield, and L. F. Spear, Westfield, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Oil tester. 2,062,588; Dec. 1.
Loos, Reinhold, Newark, N. J. Rope clamp. 2,062,894; Dec. 1.
Louiscot, Felix, Hasbrouck Heights, N. J., assignor to W. M. Sheffield, New York, N. Y. Obtaining stereoscopic effects. 2,063,004; Dec. 1.

Lucas, John W., Alhambra, Calif. Container for carbon dioxide blocks. 2,062,589; Dec. 1.
Luebkert, Fred E., Brooklyn, assignor of one-half to Herman L. Greve, Hollis, N. Y. Brake apparatus. 2,062,670; Dec. 1.
Lundberg, Hans T. F. (See Zuschlag, Theodor, assignor.)
Lundquist, Roy W., Chicago, Ill. Creating a design and article. 2,062,590; Dec. 1.
Lupo, Joseph, Jr., Bronx, N. Y. Process and compound for polishing plastics. 2,062,671; Dec. 1.
Lutz, George, Brooklyn, assignor to American Sealcone Corporation, New York, N. Y. Blank feeding means for receptacle body forming apparatus. 2,062,465; Dec. 1.
Lux Clock Manufacturing Company, The. (See Lux, Paul, assignor.)
Lux, Paul, assignor to The Lux Clock Manufacturing Company, Waterbury, Conn. Alarm clock. 2,062,895; Dec. 1.
Lynch Corporation. (See Miller, Edward, assignor.)
Lyons, Frank F., Lodi, and E. Brundin, Montebello, Calif. System of water culture. 2,062,755; Dec. 1.
Maas, Elov F., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Marine fender. 2,062,919; Dec. 1.
Mack, Charles, Sarnia, Ontario, Canada, assignor to Standard Oil Development Company. Asphalts of low susceptibility to temperature change. 2,062,366; Dec. 1.
Magna Products Corp. (See Golden, Harry, assignor.)
Mall, Arthur W., Chicago, Ill. Portable power tool and mounting. 2,062,520; Dec. 1.
Mallory, George E., Takoma Park, Md., assignor to The Government of the United States, represented by the Secretary of the Treasury. Extraction of morphine and related derivatives. 2,062,324; Dec. 1.
Manly Corporation. (See Centervall, Hugo A., assignor.)
Manson, Frank G., Dayton, Ohio. Face mask. 2,062,325; Dec. 1.
Mapes, Clyde W., and Z. C. Bradford, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Motor and lubricating system therefor. 2,062,920; Dec. 1.
Marblette Corporation. (See Hansen, Svend, assignor.)
Marchant Calculating Machine Company. (See Avery, Harold T., assignor.)
Marien, Charles A., and M. W. Marien, assignors to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Piston ring. 2,062,367; Dec. 1.
Marien, Melvin W. (See Marien, Charles A., and M. W.)
Markworth, Ernst. (See Debuch, C. P., and Markworth.)
Marr, George M., assignor to Air Conditioners, Inc., New York, N. Y. Convection type electric radiator. 2,062,466; Dec. 1.
Martin, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,062,521; Dec. 1.
Martocello, Joseph A., Philadelphia, Pa. Valve for aerating systems. 2,062,896; Dec. 1.
Maschinenfabrik Augsburg-Nuernberg A. G. (See Breitwieser, Heinrich, assignor.)
Mastenbrook, Henry J., assignor to The Swartwout Company, Cleveland, Ohio. Drainage control. 2,062,672; Dec. 1.
Master Builders Company, The. (See Scripture, Edward W., Jr., assignor.)
Masterpiece Radio Corp. (See Amdur, Leon H., assignor.)
Mather, Alonzo C., Chicago, Ill. Apparatus for constructing airplane bodies. 2,062,591; Dec. 1.
Matheson, Howard W., assignor to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Gramophone record. 2,062,815; Dec. 1.
Mattison, Edwin L. (See Carleton, P. W., and Mattison.)
Matz, Charles H., Winnetka, Ill., assignor of two-fifths to E. H. Land, Wellesley Farms, Mass. Optical device. 2,062,468; Dec. 1.
Maurer, George, Carneys Point, and S. G. Ford, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of acetylamino-naphthol-sulphonic acids. 2,062,368; Dec. 1.
May, Adam J., assignor to Ritter Dental Manufacturing Company, Inc., Rochester, N. Y. Headrest supporting means. 2,062,592; Dec. 1.
Mayson, Herbert et al. (See Johnson, Paul B., assignor.)
McCaughan, William J., River Forest, assignor to Electric Household Utilities Corporation, Cicero, Ill. Cover for ironing machines and the like. 2,062,467; Dec. 1.
McCloud, Edward H., assignor to The Kinnear Mfg. Company, Columbus, Ohio. Operator for roll top doors. 2,062,593; Dec. 1.
McKahin, Herbert B., assignor to Deere & Company, Moline, Ill. Disk harrow. 2,062,756; Dec. 1.
McNair, Louise R., Arcade, N. Y. Tubular knitted diaper. 2,062,594; Dec. 1.
Mechanical Development Co. (See Sabins, Rolland C., assignor.)
Meese, Frank, Chicago, Ill. Valve and faucet. 2,062,422; Dec. 1.
Mercer, Henry H., Claremont, N. H., assignor to Sullivan Machinery Company. Valve mechanism. 2,062,816; Dec. 1.
Meyer, Andre J., Continental Motors Corporation, Detroit, Mich. Engine. 2,062,369; Dec. 1.
Meyer, Svend M., Woodhaven, N. Y. Oil heater and burner. 2,062,595; Dec. 1.
Meyer, Walter R. (See Mingus, F. B., and Meyer.)
Michel, Charles O. R., New York, N. Y., and A. C. Hunkeler, Wilkinsburg, Pa. Container for a liquid. 2,062,897; Dec. 1.
Micro-Westco, Inc. (See Vollmer, Earl C., assignor.)
Micro-Westco, Incorporated. (See Calame, Gordon J., assignor.)
Midnight, Wilbur G., Bay Village, Ohio. Refrigeration apparatus. 2,062,921; Dec. 1.
Mönssen, Jacob W., assignor to Aktiengesellschaft der Eisen- und Stahlwerke vormals Georg Fischer, Schaffhouse, Switzerland. Detachable rim. 2,062,722; Dec. 1.
Miller, Charles M. (See Laube, G., and Miller.)
Miller, Edward, Columbus, Ohio, assignor to Lynch Corporation, Anderson, Ind. Glass forming machine. 2,062,522; Dec. 1.
Miller, Frank J. (See Miller, Lester, administrator.)
Miller, Henry J., Maplewood, N. J., assignor to Radio Corporation of America. Carbon coated objects and making the same. 2,062,370; Dec. 1.
Miller, Lester S., and F. J. Miller, deceased, Verona, N. J., by L. S. Miller, administrator, Verona, N. J. Automatic gear shift. 2,062,523; Dec. 1.
Millet, Erwin L. (See Brin, Morris, assignor.)
Minch, Nelson R., Woodstock, Vt., assignor of forty-nine one-hundredths to G. B. Upham, Claremont, N. H. Double jaw vice. 2,062,326; Dec. 1.
Mingus, Fred B., and W. R. Meyer, Oshkosh, Wis. Automatic backwater valve. 2,062,423; Dec. 1.
Mock, Judson, Voehringer Co. Inc. et al. (See Koebberling, O., Zwicky, and Hunt, assignors.)
Monette, Jeanne, assignor of one-half to P. Charton, Montreal, Quebec, Canada. Hose supporting garment. 2,062,596; Dec. 1.
Monsanto Chemical Company. (See Ingram, Joseph R., assignor.)
Monsanto Chemicals Limited. (See Chapman, Cecil, assignor.)
Monsanto Petroleum Chemicals, Inc. (See Thomas, C. A., and Carmody, assignors.)
Moore, Ambrose C., and A. Wasberg, assignors to Chicago Railway Equipment Company, Chicago, Ill. Railway car structure. 2,062,757; Dec. 1.
Moore, Howard L., Cochranton, Pa. Combined holder and display stand. 2,062,916; Dec. 1.
Moore, Raymond G., assignor to The Bassick Company, Bridgeport, Conn. Latch for automobile fender shrouds and the like. 2,062,597; Dec. 1.
Moorhouse, William R., Boston, Mass., assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Dyeing wool. 2,062,898; Dec. 1.
Morgan, Russell, Fairfield, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Auto top material. 2,062,469; Dec. 1.
Morris, Howard I., Lakewood, Ohio, assignor, by mesne assignments, to Overhead Door Corporation, Hartford City, Ind. Door and door-way construction. 2,062,899; Dec. 1.
Morrison, Willard L., Lake Forest, Ill. Bumper device for vehicles. 2,062,327; Dec. 1.
Morrison, Willard L., Lake Forest, Ill. Bumper device for automobiles. 2,062,328; Dec. 1.
Morway, Arnold J. (See Zimmer, J. C., and Morway.)
Mossay, Paul A. H., Norwich, England. Cooling tube for dynamo-electric machines. 2,062,470; Dec. 1.
Multi-Hydromatic Welding & Manufacturing Company. (See Warnke, Hans G., assignor.)
Musser, Clarence W., Kansas City, Mo. Racing amusement apparatus. 2,062,371; Dec. 1.
Mueller, Ervin H., Grosse Pointe Park, Mich. Attaching means for handles. 2,062,424; Dec. 1.
Munn, Clarence W. (See White, L. J., and Munn.)
Murray, James M., Mount Vernon, assignor to International Paper Company, New York, N. Y. Apparatus for the manufacture of paper. 2,062,471; Dec. 1.
N. V. Machinerieen-en Apparaten Fabrieken "Meaf". (See Leischner, Georg, assignor.)
Nacken, Walther, Gruna, Germany. Multiple wire drawing machine. 2,062,723; Dec. 1.
Nagy, Berthold, Ridgewood, N. Y. Adhesive feeder. 2,062,900; Dec. 1.
Nagy, Pál S., assignor of thirty per cent to H. Csarada, Budapest, Hungary. Infinitely variable transmission. 2,062,923; Dec. 1.
Narrow Fabric Company. (See Plumb, Frederic W., assignor.)
Nassau Smelting and Refining Company. (See Deitz, L. S., Jr., and Welser, assignors.)
National Aniline & Chemical Company. (See Flett, Lawrence H., assignor.)
National Aniline & Chemical Company. (See Moorhouse, William R., assignor.)
National Candy Company. (See Cosler, Horace B., assignor.)
National Cash Register Company, The. (See Fuller, Frederick L., assignor.)
National Machinery Company, The. (See Clouse, William L., assignor.)
National Malleable and Steel Castings Company. (See Shafer, James A., assignor.)
Neis, Robert E. (See Weaver, S. M., and Neis.)
Nelsen, Walter F., Oakland, assignor to Rylock Company Ltd., San Leandro, Calif. Door lock. 2,062,598; Dec. 1.
Neuhausen, Sebastian P., assignor to Stampit Corporation, Lombard, Ill. Handle clamp. 2,062,472; Dec. 1.

News Projection Corporation. (See Eltzen, August D., assignor.)
Niagara Sprayer and Chemical Company. (See Cary, J. B., Allgrunn, and Hollinger, assignors.)
Nicholides, Emanuel C., assignor, by mesne assignments, to Sonotone Corporation, New York, N. Y. Bone conduction hearing aid. 2,062,372; Dec. 1.
Nicholides, Emanuel C., assignor, by mesne assignments, to Sonotone Corporation, New York, N. Y. Hearing aid bone vibrator. 2,062,373; Dec. 1.
Nichol, Herbert E., assignor to Kerner Incinerator Company, Milwaukee, Wis. Incinerator hopper door. 2,062,793; Dec. 1.
Nichols Engineering & Research Corporation. (See Schroeder, Pauline, assignor.)
Nicoletti, John B., Chicago, Ill. Device for stretching the throat of shoe vamps. 2,062,758; Dec. 1.
Nicolini, Albert G. (See Birr, John E. W., assignor.)
Nicralumin Company, The. (See Hybinette, S. E., and Tingay, assignors.)
Noble, Warren, Michigan City, Ind., assignor to Sullivan Machinery Company. Rock drill. 2,062,817; Dec. 1.
Nock, Joseph A., Jr., Tarentum, assignor to Aluminum Company of America, Pittsburgh, Pa. Thermal treatment of aluminum alloys containing copper. 2,062,329; Dec. 1.
Noel, Henry M., Paris, France, assignor to Standard Oil Development Company. Cooling and granulating asphalt. 2,062,374; Dec. 1.
Norma-Hoffman Bearings Corporation. (See Bott, George R., assignor.)
North American Rayon Corporation. (See Bitter, Jack L., assignor.)
North American Rayon Corporation. (See Glatzel, G., and Bepiate, assignors.)
North American Rayon Corporation. (See Heim, Gustav, A. M., assignor.)
North American Rayon Corporation. (See Siebourg, Hellmut, assignor.)
North, John D., Eaton, Norwich, assignor to Boulton Paul Aircraft Limited, Norfolk, England. Aeroplane. 2,062,599; Dec. 1.
Norton, Allen B., assignor, by mesne assignments, to The Cleveland Trust Company, trustee, Cleveland, Ohio. Piston. 2,062,625; Dec. 1.
Norton, Frederick H., New York, N. Y. Indoor portable scaffold. 2,062,473; Dec. 1.
Norton, Raymond J., Washington, D. C., assignor to Bendix Aviation Corporation, South Bend, Ind. Service apparatus. 2,062,600; Dec. 1.
Nyffenegger, Hans and H. Sigrist, assignors to the firm Schweizerische Lokomotiv - & Maschinenfabrik, Winterthur, Switzerland. High-pressure boiler for steam locomotives. 2,062,601; Dec. 1.
O. K. Tool Company, Inc., The. (See Reaney, Ernest, assignor.)
Ochsner, Jacob, Zurich, Switzerland. Vehicle for collecting and transporting refuse. 2,062,924; Dec. 1.
Ofeldt, Frank W., McKeesport, Pa. Generation of heated fluids. 2,062,925; Dec. 1.
Ogg, William and L. A. Storz, Worcester, Mass. Balancing apparatus for golf clubs and the like. 2,062,673; Dec. 1.
Ohmer, John F., Dayton, Ohio, assignor, by mesne assignments, to Central United National Bank, Cleveland, Ohio, as trustee. Register. 2,062,602; Dec. 1.
Okonite-Callender Cable Company, The, Inc. (See Bennett, Charles E., assignor.)
Olsen, Alfred G., Elkhorn, Wis. Permanent metallic form for concrete building structures. 2,062,724; Dec. 1.
Orbeck, Einar M., Norristown, assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Variable gearing for computing mechanism. 2,062,997; Dec. 1.
Osborn, Howard E., Michigan City, Ind. Hand brake operating mechanism for railway cars. 2,062,759; Dec. 1.
Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,062,659; Dec. 1.
Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 2,062,662; Dec. 1.
Overhead Door Corporation. (See Morris, Howard I., assignor.)
Overstrom, Gustav A., Big Sur, Calif. Flexible spring support. 2,062,760; Dec. 1.
Pacific Coast Borax Co. (See Corkill, Frederick W., assignor.)
Packard Motor Car Company. (See Brown, Robert N., assignor.)
Packard Motor Car Company. (See Christman, John M., assignor.)
Packard Motor Car Company. (See Paton, Clyde R., assignor.)
Packard Motor Car Company. (See Van Ranst, Cornelius W., assignor.)
Packie, John W., Green Village, and D. E. Stines, Plainfield, N. J., assignors to Standard Oil Development Company. Distilling fluids at low temperatures. 2,062,375; Dec. 1.
Page, Albert E. and F. R., Brooklyn, N. Y., and H. N. Sheppard, Maplewood, N. J., assignors to Scott & Williams, Incorporated, New York, N. Y. Rubber feeding means for circular knitting machines. 2,062,926; Dec. 1.
Page, Frank R. (See Page, Albert E., and F. R., and Sheppard.)
Page, Louis J., Hollis, N. Y. Ophthalmic lens mount. 2,062,761; Dec. 1.
Page, Walter, Scarsdale, and B. E. Taylor, Mount Vernon, assignors to The Borden Company, New York, N. Y. Treating liquids. 2,062,330; Dec. 1.
Page, Walter, Scarsdale, and B. E. Taylor, Mt. Vernon, assignors to The Borden Company, New York, N. Y. Treating canned liquids. 2,062,331; Dec. 1.
Pagliari, Francesco, Milan, Italy, assignor to Radio Corporation of America. Tuning indicator. 2,062,603; Dec. 1.
Paine, Roy E., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Molding sand. 2,062,818; Dec. 1.
Palmer, Albert (See Bergstrom, C. P., and Palmer.)
Panther-Panco-Rubber Co., Inc. (See Bernstein, Maurice J., assignor.)
Papendick, Inc. (See Tewes, Anthony B., assignor.)
Pardee, Lloyd W. (See Rutzen, M. C., Pardeen, and Stecker.)
Parfek, Inc. (See Sexton, Roy W., assignor.)
Parks, Joseph A., Jr. (See Ferguson, W. T., and Parks.)
Parmenter, Bert N., Lake Forest, Ill. Window device. 2,062,524; Dec. 1.
Pasman, Abram N., Milford, Conn. Curtain rod construction. 2,062,474; Dec. 1.
Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,062,475; Dec. 1.
Paxton, Carl H., Orange, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Box moving mechanism. 2,062,525; Dec. 1.
Paxton, Gerald C., Santa Ana, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Box switching unit. 2,062,604; Dec. 1.
Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Let-off. 2,062,725; Dec. 1.
Payne, Oscar D., Fort Worth, Tex. Airplane. 2,063,005; Dec. 1.
Peabody Coal Company. (See Lee, Carl, assignor.)
Pearson, Robert E., Jr., Yonkers, and H. F. Herman, Chappaqua, N. Y. Electric clock. 2,062,476; Dec. 1.
Peck, William W., Muncie, Ind. Stoker drive. 2,062,477; Dec. 1.
Pehrson, Alfred K., Bellevue, assignor, by mesne assignments, to Koppel Industrial Car and Equipment Company, McKees Rocks, Pa. Dump car. 2,062,526; Dec. 1.
Pennsylvania Railroad Company, The. (See Decker, Harry L., assignor.)
Perazzo, Frank, Brooklyn, and G. Johansson, New York, N. Y. Brake adjusting device. 2,062,819; Dec. 1.
Peters, Eugene H., Benton Harbor, Mich. Container for fruit or the like. 2,062,794; Dec. 1.
Peters, Ralph, Clarksburg, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Banding machine. 2,062,425; Dec. 1.
Peters, Thomas B. R., Chicago, assignor of one-sixth to A. D. Bruce and one-sixth to E. A. Russell, Chicago, and one-sixth to W. W. Wilson, Oak Park, Ill. Air conditioning apparatus. 2,062,605; Dec. 1.
Peterson, Carl D., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Forming a helical gear with clutch teeth. 2,062,927; Dec. 1.
Peterson, Ruben O., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Scraping tool. 2,062,998; Dec. 1.
Phelps, Alva W., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Lock switch and armored wire unit. 2,062,928; Dec. 1.
Philco Radio & Television Corporation. (See Albright, Robert B., assignor.)
Pierce, Orbra C., Waco, assignor of one-fifth to G. Gilchrist, one-fifth to J. B. Early, one-fifth to J. L. Green, all of Travis County, and one-fifth to E. C. Woodward, McLennan County, Tex. Weed cutter. 2,062,820; Dec. 1.
Pierson, Harold L., Torrington, assignor to The American Brass Company, Waterbury, Conn. Copper-zinc-lead-phosphorous alloy and article. 2,062,426; Dec. 1.
Pierson, Harold L., Torrington, assignor to The American Brass Company, Waterbury, Conn. Copper-tin-phosphorus-zinc alloy. 2,062,427; Dec. 1.
Pike, Robert D., Diablo, assignor to Kalif Corporation, Emeryville, Calif. Manufacture of compound strip. 2,062,795; Dec. 1.
Pirwitz, Wilhelm, Duisburg, assignor to Schloemann Aktiengesellschaft, Dusseldorf, Germany. Control switch device for hydraulic accumulators. 2,062,674; Dec. 1.
Pittsburgh Plate Glass Company. (See Gelstharp, Frederick, assignor.)
Pittsburgh Plate Glass Company. (See Haux, Elmer H., assignor.)
Pittsburgh Plate Glass Company. (See Scull, R. D. Russell, assignor.)
Pittsburgh Steel Company. (See Edge, Walter S., assignor.)
Plumb, Frederic W., assignor to Narrow Fabric Company, West Reading, Pa. Producing novel knitted double-faced elastic fabrics. 2,062,999; Dec. 1.
Pollister, Edward B., assignor to Busch-Sulzer Bros.-Diesel Engine Company, St. Louis, Mo. Scavenging and supply of combustion air to two-cycle engines. 2,062,821; Dec. 1.

Pope Machinery Corporation. (See Howard, Merton W., assignor.)
Postelwaite, William R., assignor to Standard Oil Company of California, San Francisco, Calif. Pipe testing apparatus. 2,062,527; Dec. 1.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Line casting and composing machine. 2,062,332; Dec. 1.
Powell, Ellis G., Michigan City, Ind., assignor to C. A. Dunham Company, Marshalltown, Iowa. Timing relay mechanism. 2,062,606; Dec. 1.
Powell, Winfred T., assignor to General Railway Signal Company, Rochester, N. Y. Selective signaling system. 2,062,822; Dec. 1.
Powers, Milton A., Detroit, Mich. Device for inspecting liquids. 2,062,929; Dec. 1.
Prentice, G. E., Manufacturing Company. (See Legat, Robert C., assignor.)
Prentiss Wabers Products Co. (See Yeager, Anton J., assignor.)
Pressed Steel Car Company. (See Anderson, John P., assignor.)
Pressed Steel Car Company. (See Suckfield, George A., assignor.)
Presto Lock Corporation. (See Levine, Abraham, assignor.)
Preston, Herbert E., assignor to American Engineering Company, Philadelphia, Pa. Furnace stoker. 2,062,762; Dec. 1.
Preston, Herbert E., assignor to American Engineering Company, Philadelphia, Pa. Furnace stoker. 2,062,763; Dec. 1.
Prickett, Thomas B., Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del. Application of heat to converters. 2,062,333; Dec. 1.
Pritchard, Levi T., Tulsa, Okla. Driving mechanism. 2,062,930; Dec. 1.
Pryale, Harry M. (See Clark, S. C., and Pryale.)
Puro-Dent Co., The. (See Winther, Holger, assignor.)
Quigley, Raymond J., Ann Arbor, Mich. Starter drive. 2,062,726; Dec. 1.
Radio Corporation of America. (See Batchelor, John C., assignor.)
Radio Corporation of America. (See Carson, Benjamin R., assignor.)
Radio Corporation of America. (See Harmon, Walter S., assignor.)
Radio Corporation of America. (See Miller, Henry J., assignor.)
Radio Corporation of America. (See Pagliari, Francesco, assignor.)
Radio Corporation of America. (See van Slooten, Jacob, assignor.)
Radio Patents Corporation. (See Koch, Earl L., assignor.)
Raffa, Anthony, Elmora, Pa. Retractable auxiliary wheel. 2,062,931; Dec. 1.
Railway & Industrial Engineering Co. (See Koppitz, Carl G., assignor.)
Railway Utility Company. (See Hartwig, William G., assignor.)
Ralston, Anderson W., and C. W. Christensen, assignors to Armour and Company, Chicago, Ill. Weed killing compositions. 2,062,823; Dec. 1.
Ramsey Accessories Manufacturing Corporation. (See Marien, Charles A., and M. W., assignors.)
Ramsey, Allan. (See Triplett, H. A., and Ramsey.)
Rapp, Robert D., Hammond, Ind. Can filling machine. 2,062,428; Dec. 1.
Rather, James B., and L. C. Beard, Jr., Brooklyn, and O. M. Reiff, Jackson Heights, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Distillate petroleum products and treating same. 2,062,675; Dec. 1.
Rattan Manufacturing Company, The. (See Dann, Paul N., assignor.)
Raybestos-Manhattan, Inc. (See Stanley, Frederick C., assignor.)
Ray-Engleheart, Herbert F. R., London, England. Atomizer. 2,062,507; Dec. 1.
Raymond, Franklin E., Santa Monica, Calif. Fountain comb. 2,062,376; Dec. 1.
Reaney, Ernest, Bridgeport, Conn., assignor to The O. K. Tool Company, Inc., New York, N. Y. Streamlined bit clamp and holder. 2,062,607; Dec. 1.
Redman, Harold, Pontiac, Mich. Automobile signal light. 2,062,932; Dec. 1.
Reiche, Karl A. M., Dresden, Germany. Forming frame molds for the production of chocolates, candies, and the like. 2,062,608; Dec. 1.
Reid, James J., San Francisco, Calif., assignor to Cyanide Generator Company, Inc., Portland, Oreg. Fumigating gas generator. 2,062,609; Dec. 1.
Reid, Murdoch & Co. (See Canaday, Miron S., assignor.)
Reiff, Orland M. (See Rather, J. B., Beard, and Reiff.)
Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Compositions of matter and petroleum products and making. 2,062,676; Dec. 1.
Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Compositions of matter and petroleum products and making same. 2,062,677; Dec. 1.
Renfrew, Paul B., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Purifying insulating and lubricating oils. 2,062,933; Dec. 1.
Renfrew, Paul B., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Dehydrating oils. 2,062,934; Dec. 1.
Reppert, Roy R. (See Bentley, M. R., and Reppert.)
Reynolds Corporation. (See Coddington, Edwin D., assignor.)
Rheem Manufacturing Company. (See Rheem, Richard S., assignor.)
Rheem, Richard S., Oakland, Calif., assignor to Rheem Manufacturing Company, Richmond, Calif. Seal cap. 2,062,796; Dec. 1.
Rhudy, Booker E. (See Blakeman, Benjamin F., assignor.)
Rich, Charles A., Providence, R. I., assignor to Brown & Sharpe Manufacturing Company. Stock tube support. 2,062,727; Dec. 1.
Richter, Kurt. (See Hofmann, H., and Richter.)
Richter, Max, West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Yarn feeding mechanism for straight knitting machines. 2,063,000; Dec. 1.
Rickel, Clifford E., Mogadore, Ohio. Dispenser for powdered dentifrice. 2,062,610; Dec. 1.
Riddle, Frank H. (See Jeffry, B. A., and Riddle.)
Riesz, Robert R., Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,062,478; Dec. 1.
Ritter Dental Manufacturing Company. (See May, Adam J., assignor.)
Ritz-Woller, Oliver C., Chicago, Ill. Signal device. 2,062,479; Dec. 1.
Roberts, Charles P. (See Francisco, C. M., and Roberts.)
Roberts, Clifford, Winchester, and J. M. Whelton, Peabody, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,062,797; Dec. 1.
Roberts, Raney J., Detroit, Mich. Apparatus for cooling and conditioning air. 2,062,728; Dec. 1.
Rockwell, Edward A., Chicago, Ill., and S. M. Fairchild, New York, N. Y. Apparatus for controlling engines 2,062,824; Dec. 1.
Rockwell, George, Fanwood, N. J. Airplane instruction device. 2,062,678; Dec. 1.
Rockwood, A. Waldo, Winchester, Mass. Machine for making piping, welting, finishing strips or the like. 2,062,729; Dec. 1.
Roebling's, John A., Sons Company. (See Johnston, Robert S., assignor.)
Roeder, Clarence E., Melrose, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 2,062,528; Dec. 1.
Roehner, Theodore G. (See Herrmann, L. A., and Roehner.)
Rolnestad, Selmer, Kenosha, Wis., assignor to Scott & Williams, Incorporated, New York, N. Y. Point for transfer rings. 2,062,935; Dec. 1.
Roosenstein, Hans O. (See Kautter, W., and Roosenstein.)
Root Spring Scraper Company. (See Weeks, Ernest A., assignor.)
Root, Walter S., Jr., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Thermostatically operated valve. 2,062,936; Dec. 1.
Root, Walter S., Jr., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Thermostatic valve device. 2,062,937; Dec. 1.
Rosenthal, Nappelius Z., Los Angeles, Calif. Infants' sheet. 2,062,611; Dec. 1.
Ross, Oscar A., New York, N. Y. Forming combustible mixtures. 2,062,825; Dec. 1.
Rothweller, Edward B., St. Louis, Mo. Piston spreader. 2,062,826; Dec. 1.
Ruberold Co., The. (See Hammenecker, Alphonse, assignor.)
Ruppe, Hugo, assignor to E. Gross, Berlin, Germany. Permanent magnet for small electrical machines. 2,062,938; Dec. 1.
Ruppricht, Siegfried, New York, N. Y. Refrigerating system. 2,062,827; Dec. 1.
Russell, Edward A., et al. (See Peters, Thomas B. R., assignor.)
Rustad, Louis L., Minneapolis, Minn., assignor, by mesne assignments, to Telumigraph Company. Sign producing machine. 2,063,006; Dec. 1.
Rutzen, Max C., and L. W. Pardee, Pontiac, and A. J. Stecker, Orchard Lake, Mich., assignors to Steel Bound Container Corporation. Crate building machine. 2,062,828; Dec. 1.
Ryerson, Creighton W., Jackson, Mich., assignor to Ryerson & Haynes Inc. Tire cover. 2,062,612; Dec. 1.
Ryerson & Haynes Inc. (See Ryerson, Creighton W., assignor.)
Ry-Lock Company Ltd. (See Nelsen, Walter F., assignor.)
Sabaeff, Clément A. A. G., Montreal, Quebec, Canada. Propellent exercising device. 2,062,829; Dec. 1.
Sabaeff, Clément A. A. G., New York, N. Y. Self-propelling scooter. 2,062,830; Dec. 1.
Sabaeff, Clément A. A. G., New York, N. Y. Bicycle attachment for exercising. 2,062,831; Dec. 1.

Sabins, Rolland C., assignor to Mechanical Development Co., St. Paul, Minn. Hydraulic brake system. 2,062,798; Dec. 1.

Safety Mining Company. (See Kneeland, Frank H., assignor.)

Sahut, Jean, Raismes, France. Vibratory screen. 2,062,529; Dec. 1.

Sampsell, Thomas L., Quantico, Va. Race starting device. 2,062,939; Dec. 1.

Samson-United Corporation. (See Samuels, Abe O., assignor.)

Samuel, Arthur L., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,062,334; Dec. 1.

Samuel, Frank B. (See Farr, W. D., and Samuel.)

Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Electric soldering iron. 2,062,940; Dec. 1.

Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Corn popper. 2,062,941; Dec. 1.

Sands, John, and H. A. Hellerud, Minneapolis, Minn. Rear vision mirror. 2,062,764; Dec. 1.

Sargent & Company. (See Voight, Henry G., assignor.)

Saylor, Frank D., Highland Park, Mich. Flexible insulation and making same. 2,062,832; Dec. 1.

Scale-Models, Inc. (See Boyd, Kenneth M., assignor.)

Scalise, Oreste, and D. Coleman, New York, N. Y. Adhesive. 2,062,942; Dec. 1.

Scheller, Gustave A., Paterson, N. J. Cop winding machine. 2,062,679; Dec. 1.

Schiller, Hyman, New York, N. Y. Suspenders. 2,062,833; Dec. 1.

Schilling, George, Cleveland, Ohio. Auxiliary grinder for mills. 2,062,730; Dec. 1.

Schlage Lock Co. (See Schlage, Walter R., assignor.)

Schlage, Walter R., assignor to Schlage Lock Co., San Francisco, Calif. Doorknob and spindle fastener. 2,062,765; Dec. 1.

Schlage, Walter R., assignor to Schlage Lock Company, San Francisco, Calif. Door lock. 2,062,766; Dec. 1.

Schleimer, Floyd V., assignor to United States Appliance Corporation, San Francisco, Calif. Steaming apparatus for permanent hair waving. 2,062,613; Dec. 1.

Schloemann Aktiengesellschaft. (See Pirwitz, Wilhelm, assignor.)

Schmelzer, Albert, Cologne-Mulheim, and C. Schuster, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Benzophenanthrenarylides. 2,062,614; Dec. 1.

Schmidt, Eckard F., Milwaukee, Wis., assignor to United Shoe Machinery Corporation, Paterson, N. J. Stitchdown shoe and method of manufacture. 2,062,530; Dec. 1.

Schmidt, Hartman F., Unionville, Conn. Cloth washer. 2,062,943; Dec. 1.

Schneider, George. (See Dreyfus, C., and Schneider.)

Schneider, Helmuth G., Elizabeth, N. J., assignor to Standard Oil Development Company. Removal of gum forming constituents, sulphur compounds, and color compounds from naphtha. 2,062,377; Dec. 1.

Schneiderwirth, Herman J., Laurelton, N. Y. 4.6 diamino 2-alkyl pyridines and producing the same. 2,062,680; Dec. 1.

Schroder, Charles, Hartford, Conn., assignor to Allen-Wales Adding Machine Corporation, New York, N. Y. Calculating machine. 2,062,731; Dec. 1.

Schroeder, Henry L., Chicago, Ill. Baker's peel. 2,062,531; Dec. 1.

Schroeder, Pauline, San Francisco, Calif., assignor to Nichols Engineering & Research Corporation, New York, N. Y. Apparatus for incinerating waste materials. 2,062,681; Dec. 1.

Schuster, Curt. (See Schmelzer, A., and Schuster.)

Schwartz, Nathan, New York, N. Y. Filtering device or separator for filter type respirators or the like. 2,062,834; Dec. 1.

Schweitzer & Conrad, Inc. (See Triplett, H. A., and Ramsey, assignors.)

Schweizerische Lokomotiv- & Maschinenfabrik. (See Nyffenegger, H., and Sigrist, assignors.)

Schwendt, Bernard J., Lakewood, E. N. Bousquet, Rocky River, and J. A. Diffenbacher, Cleveland, Ohio. Interlocking system for railroads. 2,062,835; Dec. 1.

Scott, Howard, Forest Hills, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Annealing process. 2,062,836; Dec. 1.

Scott, Howard, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Glass metal seal. 2,062,335; Dec. 1.

Scott, Robert W., Chicago, Ill., assignor to Sullivan Machinery Company. Air lift pumping apparatus. 2,062,799; Dec. 1.

Scott & Williams, Incorporated. (See Page, Albert E., and F. R., and Sheppard, assignors.)

Scott & Williams, Incorporated. (See Roinestad, Selmer, assignor.)

Scripture, Edward W., Jr., assignor to The Master Builders Company, Cleveland, Ohio. Hardening the surface of mastic structures. 2,062,615; Dec. 1.

Scull, R. D. R., Crystal City, Mo., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Plate glass turnover and transfer apparatus. 2,062,732; Dec. 1.

Seaman, Charles, Hollis, N. Y. Attachment for sewing machines. 2,062,429; Dec. 1.

Seaman, William, Glens Falls, N. Y., assignor to Standard Oil Development Company. Solvent for resins. 2,062,378; Dec. 1.

Sekelia, Youston, assignor to Eclipse Machine Company, Elmira, N. Y. Starter drive for internal combustion engines. 2,062,430; Dec. 1.

Sexton, August H., assignor to Superior Cement Corporation, Portsmouth, Ohio. Concrete building block molding machine. 2,062,767; Dec. 1.

Sexton, Roy W., Wytheville, Va., assignor to Parfek, Inc. Ornamental fabric and method of production. 2,062,336; Dec. 1.

Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,062,682; Dec. 1.

Sharp, Lewis. (See Whitlock, R. G., and Sharp.)

Shawinigan Chemicals Limited. (See Matheson, Howard W., assignor.)

Sheely, Madison L., Des Plaines, assignor to Armour and Company, Chicago, Ill. Preparing color-stable fatty acids. 2,062,837; Dec. 1.

Sheffield, William M. (See Louisot, Felix, assignor.)

Sheppard, H. N. (See Page, Albert E. and F. R., and Sheppard.)

Short, Blanden M. (See Jandus, H. S., and Short.)

Shorter, Sydney A. (See Williams, T. C., and Shorter.)

Shoup, Ransom F. (See Foehrenbach, A. F., and Shoup.)

Shoup Voting Machine Corporation, et al. (See Foehrenbach, A. F., and Shoup, assignors.)

Shreffler, Dake, Barnsdall, Okla. Combination vehicle. 2,062,800; Dec. 1.

Siebourg, Helimut, Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Cellulosic spinning solution. 2,063,001; Dec. 1.

Sigrist, Hans. (See Nyffenegger, H., and Sigrist.)

Silver, McMurdo, Chicago, Ill., assignor to Glen's Patents and Holdings, Inc., New York, N. Y. Radio receiver. 2,062,379; Dec. 1.

Simmons Company. (See Gail, John F., assignor.)

Skelton, Charles E. (See Disque, William, assignor.)

Skow, Ray C., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Antimony process. 2,062,838; Dec. 1.

Sloan Lon, Chicago, Ill. Grid structures for floors and the like. 2,062,944; Dec. 1.

Smalley, Francis A., Blackwell, Okla. Portable pump. 2,062,532; Dec. 1.

Smith, Charles A., Honesdale, assignor of one-half to H. A. Frederick, Lake Ariel, Pa. Safety razor. 2,062,683; Dec. 1.

Smith, Donald L., Dunellen, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Template. 2,062,380; Dec. 1.

Smith, Lawrence C., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Liquid dispensing device. 2,063,002; Dec. 1.

Smith, William A. (See Horton, A. J., and Smith.)

Snavely, Clarence S., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Selective controlling and indicating apparatus. 2,062,839; Dec. 1.

Snell, Samuel A., assignor to The Bingham Stamping & Tool Company, Toledo, Ohio. Lever. 2,062,768; Dec. 1.

Sochor, Zdeněk, Dvur Kralove nad Labem, Czechoslovakia. Machine for the wet treatment of materials. 2,062,945; Dec. 1.

Societe Anonyme des Pneumatiques Dunlop. (See Talon, Augustin, assignor.)

Society of Chemical Industry in Basle. (See Hartmann, M., and Wettstein, assignors.)

Socony-Vacuum Oil Company. (See Herrmann, L. A., and Rochner, assignors.)

Socony-Vacuum Oil Company. (See Rather, J. B., Beard, and Reiff, assignors.)

Socony-Vacuum Oil Company. (See Reiff, Orland M., assignor.)

Sonotone Corporation. (See Nicholides, Emmanuel C., assignor.)

Sorensen, Einar N., Fernandina, assignor of one-half to B. B. Brooks, Jacksonville, Fla. Washing and grading machine. 2,062,946; Dec. 1.

Soss, Joseph, Roselle, N. J. Concealed hinge. 2,062,840; Dec. 1.

Spang, Chalfant & Company. (See Eaton, George M., assignor.)

Spath, Hermann. (See Fuchs, G., and Spath.)

Spaulding, Arch W. (See Freeze, J. R., and Spaulding.)

Spear, Leolyn F. (See Logan, J. A., and Spear.)

Spencer, Earl E. (See Fennell, R. S., and Spencer.)

Spicer Manufacturing Corporation. (See Peterson, Carl D., assignor.)

Sprink, Isaac W., Whitehouse, assignor to The Logan Gear Company, Toledo, Ohio. Quenching machine. 2,062,769; Dec. 1.

Spun Steel Corporation, The. (See Harrison, William R., assignor.)

Stafford, Thomas H., Meredith, N. H. Generator for gas-mantle lamps. 2,062,770; Dec. 1.

Stair, George W., Merino, Colo. Bearing assembly. 2,062,947; Dec. 1.

Stampit Corporation. (See Neuhausen, Sebastian P., assignor.)

Standard Oil Company of California. (See Postlewaite, William R., assignor.)

Standard Oil Development Company. (See Archibald, Francis M., assignor.)

Standard Oil Development Company. (See Baskin, Charles M., assignor.)

Standard Oil Development Company. (See Carlson, E. W., and Wiezevich, assignors.)

Standard Oil Development Company. (See Davis, Garland H. B., assignor.)

Standard Oil Development Company. (See Ellis, Carleton, assignor.)

Standard Oil Development Company. (See Farr, W. D., and Samuel, assignors.)

Standard Oil Development Company. (See Frolich, Per K., assignor.)

Standard Oil Development Company. (See Mack, Charles, assignor.)

Standard Oil Development Company. (See Noel, Henry M., assignor.)

Standard Oil Development Company. (See Packie, J. W., and Stines, assignors.)

Standard Oil Development Company. (See Schneider, Helmuth S., assignor.)

Standard Oil Development Company. (See Seaman, William, assignor.)

Standard Oil Development Company. (See Tryon, R. W., and Booth, assignors.)

Standard Oil Development Company. (See Wiezevich, P. M., and Frolich, assignors.)

Standard Oil Development Company. (See Zimmer, J. C., and Morway, assignors.)

Stanley, Frederick C., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Reenforced toothed friction disk. 2,062,480; Dec. 1.

Stannard, Charles P. (See Chamberlain, C. H., and Stannard.)

Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electronic timer. 2,062,616; Dec. 1.

Stead, Charles W., Independence, Kans. Method of and apparatus for conditioning air. 2,062,771; Dec. 1.

Steatit-Magnesia Aktiengesellschaft. (See Kunstmann, Edgar, assignor.)

Stecker, Alfred J. (See Rutzen, M. C., Pardee, and Stecker.)

Steel Bound Container Corporation. (See Rutzen, M. C., Pardee, and Stecker, assignors.)

Steel Kitchens Corporation. (See Block, Samuel J., assignor.)

Steen, Harford K., Newburgh, N. Y. Handled shopping bag. 2,062,617; Dec. 1.

Stefancky, Rudolph, assignor, by mesne assignments, to Kelsey-Hays Wheel Company, Detroit, Mich. Wheel and producing the same. 2,062,841; Dec. 1.

Steindorff, Adolf and H. Lange, Frankfort-on-the-Main-Hochst, and K. Horst, Hofheim-on-Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Sulphation products of aliphatic carbinols and preparing them. 2,062,842; Dec. 1.

Sterling, Albert J., Brooklyn, N. Y. Airtight bag. 2,062,618; Dec. 1.

Stewart, Andrew H., Shields, Pa., assignor to Ball Brothers Company, Muncie, Ind. Glass feeding apparatus. 2,062,619; Dec. 1.

Stewart, Andrew H., Shields, Pa., assignor to Ball Brothers Company, Muncie, Ind. Method of and apparatus for feeding glass. 2,062,620; Dec. 1.

Stewart, Duncan J., assignor to H. J. Colman, Rockford, Ill. Temperature control system. 2,062,337; Dec. 1.

Stewart-Warner Corporation. (See Davis, Ernest W., assignor.)

Stewart-Warner Corporation. (See Le Fevre, Arden W., assignor.)

Stines, Daniel E. (See Packie, J. W., and Stines.)

Stone, Earll R., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Grate structure. 2,062,481; Dec. 1.

Stone, Elmer B., assignor to The American Hardware Corporation, New Britain, Conn. Permutation lock. 2,062,431; Dec. 1.

Storz, Leon A. (See Ogg, D., and Storz.)

Strand, Carl A., Birmingham, assignor to Stran-Steel Corporation, Detroit, Mich. Structural element. 2,062,843; Dec. 1.

Stran-Steel Corporation. (See Strand, Carl A., assignor.)

Strezynski, George J., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Refining mineral oils. 2,062,733; Dec. 1.

Suckfield, George A., Avalon, assignor to Pressed Steel Car Company, Pittsburgh, Pa. Car brake. 2,062,533; Dec. 1.

Sullivan Machinery Company. (See Baldwin, Clyde P., assignor.)

Sullivan Machinery Company. (See Campbell, Roy E., assignor.)

Sullivan Machinery Company. (See Gartin, Elmer G., assignor.)

Sullivan, Machinery Company. (See Holmes, Morris P., assignor.)

Sullivan Machinery Company. (See Joy, Joseph F., assignor.)

Sullivan Machinery Company. (See Mercer, Henry H., assignor.)

Sullivan Machinery Company. (See Noble, Warren, assignor.)

Sullivan Machinery Company. (See Osgood, Charles F., assignor).

Sullivan Machinery Company. (See Scott, Robert W., assignor.)

Superior Cement Corporation. (See Sexton, August H., assignor.)

Surface, Morris E., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Lighting fixture. 2,062,772; Dec. 1.

Svenska Aktiebolaget Bromsregulator. (See Browall, Bert H., assignor.)

Svikhart, Miles L., Garden City Park, assignor to Western Electric Company, Incorporated, New York, N. Y. Book support. 2,062,482; Dec. 1.

Swank, Albert M. (See Swank, Helen Y., and A. M.)

Swank, Helen Y., and A. M., Johnstown, Pa. Separating and retarding relative movement of refractory, vitrified and like products during transportation. 2,062,948; Dec. 1.

Swartwont Company, The. (See Mastenbrook, Henry J., assignor.)

Swenson, Theodore L. (See Balls, A. K., and Swenson.)

Swentzel, John P. (See Baumann, H. N., Jr., Swentzel, and Logan.)

Talon, Augustin, Bourg-la-Reine, France, assignor of one-half to Societe Anonyme des Pneumatiques Dunlop, Paris, France. Removable guiding device for automobile vehicles running on rails. 2,062,801; Dec. 1.

Tanzi, Marlo, Boston, Mass. Macaroni die. 2,062,338; Dec. 1.

Taylor, Burt E. (See Page, W., and Taylor.)

Taylor, Frank J., Los Altos, Calif. Sanitary cover. 2,062,949; Dec. 1.

Technicraft Engineering Corporation, The. (See Lane, Wilfred G., assignor.)

Tefft, Erving W. (See Jackson, D. D., and Tefft.)

Telefunken Gesellschaft fur Drahtlose Telegraphie, m. b. H. (See Kautter, W., and Roosenstein, assignors.)

Teletype Corporation. (See Goetz, Maurus T., assignor.)

Teletype Corporation. (See Potts, Louis M., assignor.)

Telsit Insulation Corporation. (See Leppik, Johannes, assignor.)

Telumigraph Company. (See Rustad, Louis L., assignor.)

Tewes, Anthony B., assignor to Papendick, Inc., St. Louis, Mo. Baked-loaf slicing and traying machine. 2,062,844; Dec. 1.

Textile Machine Works. (See Richter, Max, assignor.)

Thew Shovel Company. (See Wilson, Emery J., assignor.)

Thomas, Albert R., San Antonio, Tex. Vase. 2,062,684; Dec. 1.

Thomas, Charles A., and W. H. Carmody, assignors, by mesne assignments, to Monsanto Petroleum Chemicals, Inc., Dayton, Ohio. Prepared resin. 2,062,845; Dec. 1.

Thomas, Raymond E., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters. 2,062,950; Dec. 1.

Thompson, Albert R., assignor to Food Machinery Corporation, San Jose, Calif. Nut cracking method and apparatus. 2,062,534; Dec. 1.

Thompson, Albert R., assignor to Food Machinery Corporation, San Jose, Calif. Can treating apparatus. 2,062,535; Dec. 1.

Thorp, Joel R., assignor to The Fulton Company, West Allis, Wis. Ventilating wing. 2,062,483; Dec. 1.

Thurston, Ernest B., J. A. Brubaker and F. F. Turner, assignors to The Haughton Elevator & Machine Company, Toledo, Ohio. Elevator operating apparatus. 2,062,432; Dec. 1.

Timian, Harold H., assignor to Continental Motors Corporation, Detroit, Mich. Ignition timing device control mechanism. 2,062,484; Dec. 1.

Tingay, Justin E. (See Hybinette, S. E., and Tingay.)

Tinnerman, Albert H. (See Tinnerman, George A., assignor.)

Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening device. 2,062,685; Dec. 1.

Toussaint, Heinrich, Berlin-Lankwitz, Germany. Rolled section for framing in mines and supporting structure for utilizing same. 2,062,686; Dec. 1.

Treiber, Otis D., assignor to Hercules Motors Corporation, Canton, Ohio. Compression ignition internal combustion engine. 2,062,951; Dec. 1.

Triplett, Hugh A., Wilmette, and A. Ramsey, Evanston, assignors to Schweitzer & Conrad, Inc., Chicago, Ill. Resistance unit. 2,062,536; Dec. 1.

Troendly, Harry P., Chicago, Ill., assignor, by mesne assignments, to American Buckle Co., Inc., West Haven, Conn. Buckle. 2,062,734; Dec. 1.

Truesdell, Fred A., Cleveland Heights, Ohio. Oil engine. 2,062,621; Dec. 1.

Tryon, Richard W., Cranford, and G. M. Booth, Roselle, N. J., assignors to Standard Oil Development Company. Frangible shear type safety valve. 2,062,381; Dec. 1.

Tuckerman, Louis, B. (See Kipper, A. F., and Tuckerman.)

Turek, Thomas J., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Steering mechanism. 2,062,485; Dec. 1.

Turner, Floyd F. (See Thurston, E. B., Brubaker, and Turner.)

Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Receiver for spent shuttles. 2,062,687; Dec. 1.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electric warp stop motion. 2,062,688; Dec. 1.
Twentieth Century-Fox Film Corporation. (See Laube, G., and Miller, assignors.)
Twomey, Lee S., Vista, Calif. Separating gases by freezing. 2,062,537; Dec. 1.
U. P. M.-Kidder Press C. (See Lindbom, Carl G., assignor.)
Umstott, Harold F. (See Hilty, E. H., and Umstott.)
Union Switch & Signal Company, The. (See Martin, Paul N., assignor.)
Union Switch & Signal Company, The. (See Snavely, Clarence S., assignor.)
United Engineering & Foundry Company. (See Gardner, Kirtland C., assignor.)
United Shoe Machinery Corporation. (See Greene, Chester W., assignor.)
United Shoe Machinery Corporation. (See Roberts, C., and Whelton, assignors.)
United Shoe Machinery Corporation. (See Roeder, Clarence E., assignor.)
United Shoe Machinery Corporation. (See Schmidt, Eckard F., assignor.)
United States Appliance Corporation. (See Schleimer, Floyd V., assignor.)
United States of America, dedicated to the free use of the Public. (See Balls, A. K., and Swenson.)
United States Government, as represented by the Secretary of the Treasury. (See Mallory, George E., assignor.)
Universal Oil Products Company. (See Ipatieff, Vladimir, assignor.)
Upham, George B. (See Minch, Nelson R., assignor.)
Van den Bosch, François J. G., London, England. Cathode ray tube. 2,062,538; Dec. 1.
Van Dusen, Charles H., Jr., Cleveland Heights, and E. C. Dietrich, East Cleveland, Ohio, assignors, by mesne assignments, to Cooper Sparkelite, Ltd., Dover, Del. Making pyrophoric flints. 2,062,486; Dec. 1.
Van Ranst, Cornelius W., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,062,433; Dec. 1.
Van Slooten, Jacob, assignor to Radio Corporation of America, Eindhoven, Netherlands. Radio receiving system. 2,062,434; Dec. 1.
Venable, William M., assignor to Blaw-Knox Company, Pittsburgh, Pa. Radio antenna. 2,062,846; Dec. 1.
Vereinigte Stahlwerke Aktiengesellschaft. (See Keulers, Jakob, assignor.)
Victor Adding Machine Company. (See Garbell, Max, assignor.)
Vizard, William C., assignor to Barbour Welting Company, Brockton, Mass. Ring welt and making. 2,062,339; Dec. 1.
Vogt, Clarence W., assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Comestible package. 2,062,539; Dec. 1.
Vogt, Clarence W., Greenwich, Conn., assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Packaging apparatus and method. 2,062,540; Dec. 1.
Voight, Henry G., assignor to Sargent & Company, New Haven, Conn. Knob with demountable core lock. 2,062,487; Dec. 1.
Vollmer, Earl C., Rock Island, Ill., assignor to Micro-Westco, Inc., Bettendorf, Iowa. Slicing machine. 2,062,847; Dec. 1.
Von Hazslinszky, Ladislaus, and G. von Lukács, assignors of one-third to J. Lang, Budapest, Hungary. Device for automatically controlling the toothed wheel change gear of motor vehicles. 2,062,488; Dec. 1.
Von Lukács, Georg. (See von Hazslinszky, L., and von Lukács.)
Vredenburg, Julius C. (See Higginson, George S., assignor.)
Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Feeder for thermoplastic material. 2,062,622; Dec. 1.
Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Rotary turret shear mechanism. 2,062,623; Dec. 1.
Wagner Electric Corporation. (See Dick, Burns, assignor.)
Wahlquist, Albin B., assignor to The Heyer Corporation, Chicago, Ill. Feeding device. 2,062,952; Dec. 1.
Walker, Clinton L., Piedmont, Calif. Brake for motor vehicles. 2,062,848; Dec. 1.
Walker, David V., Wichita, Kans. Display appliance. 2,062,802; Dec. 1.
Walmsley, Horace J. D. L., Mapperley, assignor to H. J. Baldwin & Company Limited, Nottingham, England. Tile or slab applicable for covering or protecting underground cables and the like. 2,062,979; Dec. 1.
Wampler, Roy W., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Safety glass. 2,062,541; Dec. 1.
Wargo, Louis W., Dearborn, Mich. Sled. 2,062,953; Dec. 1.
Warner Chemical Company, The. (See Coleman, John H., assignor.)
Warnke, Hans G., assignor to Multi-Hydromatic Welding & Manufacturing Company, Detroit, Mich. Electric welding apparatus. 2,062,849; Dec. 1.
Warren, Donald M., West La Fayette, Ind. Playroom. 2,062,735; Dec. 1.
Warren, James D. N., Kilmacolm, assignor of part interest to George Dobie & Son Limited, Paisley, Scotland. Hermetically sealed tin and like container. 2,062,542; Dec. 1.
Wasberg, Axel. (See Moore, A. C., and Wasberg.)
Waterman, Herbert, Wantagh, assignor to Aerovox Corporation, Brooklyn, N. Y. Electrolyte. 2,062,543; Dec. 1.
Weaver, Ida S., administratrix. (See Weaver, Victor M.)
Weaver, Stuart M., and R. E. Nels, Monroe, Mich. Turbine sewer cleaner. 2,062,850; Dec. 1.
Weaver, Victor M., deceased, I. S. Weaver, administratrix of V. M. Weaver, Niagara Falls, N. Y. Producing aluminum. 2,062,340; Dec. 1.
Weber, Louis N., assignor to Appleton Wire Works, Inc., Appleton, Wis. Wire cloth. 2,062,773; Dec. 1.
Weber, Victor, assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Centrifugal switch mechanism. 2,062,736; Dec. 1.
Weeks, Ernest A., assignor to Root Spring Scraper Company, Kalamazoo, Mich. Road scraper and road scraper attachment for trucks. 2,062,544; Dec. 1.
Weiland, Alfred, Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Detecting refrigerant leaks. 2,062,435; Dec. 1.
Weirauch, Brúno, assignor to Herbert Kricheldorff & Brüser, Maschinenfabrik, Brunswick, Germany. Fruit dicing machine. 2,062,689; Dec. 1.
Weis, Joseph H., Scranton, Pa., assignor to Feldspathic Research Corporation, New York, N. Y. Apparatus for magnetic separation. 2,062,545; Dec. 1.
Weiser, Hanley H. (See Deitz, L. S., Jr., and Weiser.)
Welding Service, Inc. (See Frickey, R. E., and Kalenborn, assignors.)
Weller, John H., Narberth, assignor to The Barber Asphalt Company, Philadelphia, Pa. Apparatus for saturating material. 2,062,382; Dec. 1.
Wellman Engineering Company, The. (See Case, Arthur F., assignor.)
Wellman Engineering Company, The. (See Case, A. F., and Doyle, assignors.)
Wells, Herbert J. C., Jackson Heights, N. Y. Heating system. 2,062,341; Dec. 1.
Wells, Isaac S., Laurel, Miss. Boat propelling device. 2,062,546; Dec. 1.
Wells, Joel C., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,062,342; Dec. 1.
Welty, George D., assignor, by mesne assignments, to The Cleveland Trust Company, trustee, Cleveland, Ohio. Piston. 2,062,624; Dec. 1.
Werner, Felix. (See Körting, M., and Werner.)
West End Chemical Company. (See Hellmers, Henry D., assignor.)
West, Maxwell A., Portland, Oreg. Screw and screw driver for the same. 2,062,383; Dec. 1.
Western Electric Company. (See Busignies, Henri G., assignor.)
Western Electric Company. (See Johnstone, Harold G., assignor.)
Western Electric Company. (See Svikhart, Miles L., assignor.)
Western Union Telegraph Company, The. (See Baxter, Donald L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Scott, Howard, assignor.)
Westinghouse Electric & Manufacturing Company. (See Stone, Earll R., assignor.)
Weston Electrical Instrument Corporation. (See Lamb, Anthony H., assignor.)
Wettlaufer, William L., Buffalo, N. Y. Power transmitting mechanism. 2,062,343; Dec. 1.
Wettstein, Albert. (See Hartmann, M., and Wettstein.)
Weynand, Herman, Hondo, Tex. Terminal clip. 2,062,690; Dec. 1.
Whelton, John M. (See Roberts, C., and Whelton.)
White, L. J., and C. W. Munn, assignors of one-fourth to D. M. Huelsbeck, Milwaukee, Wis. Seaplane pontoon. 2,062,384; Dec. 1.
Whitehead, Richard H., New Haven, Conn. Pinion for clocks and the like and making the same. 2,062,627; Dec. 1.
Whitlock, Ralph G., Los Angeles, and L. Sharp, Huntington Park, Calif., assignor to Federal Foundation Inc., Las Vegas, Nev. Closure for containers. 2,062,954; Dec. 1.
Wickman, Leora M. (See Withey, John M., assignor.)
Wiedemann, Karl, Leverkusen-I. G.-werk, H. Clingestein, Cologne-on-the-Rhine, H. Krzikalla, Ludwigshafen-on-the-Rhine, and W. Kuehne, Manheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Copper and chromium containing acid monoazo dyestuffs. 2,062,547; Dec. 1.
Wiezevich, Peter J. (See Carlson, E. W., and Wiezevich.)
Wiezevich, Peter J., and P. K. Frolich, Elizabeth, N. J., assignors to Standard Oil Development Company. Preparation of aliphatic acid halides. 2,062,344; Dec. 1.
Wildermuth, Edmund J., Kirkwood, Mo. Self-locking concrete block. 2,062,851; Dec. 1.
Wilhelm, Henry A., Milwaukee, Wis. Electrical controlling device. 2,062,345; Dec. 1.

Will-Burt Company, The. (See Hilty, E. H., and Umstott, assignors.)
Willging, Louis F., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Automatic overload control in radio sets. 2,062,691; Dec. 1.
Williams, Roy C., Wayne, Ohio. Lower valve puller. 2,062,955 Dec. 1.
Williams, Thomas C., and S. A. Shorter, Didsbury, Manchester, assignors to The British Cotton Industry Research Association, Manchester, England. Method and apparatus for separating component materials comprised in a mixture. 2,062,626; Dec. 1.
Wilson & Co. (See Adams, Nicholas M., assignor.)
Wilson, Emery J., Cleveland, assignor to Thew Shovel Company, Lorain, Ohio. Propelling mechanism for trucks. 2,062,385; Dec. 1.
Wilson, Walter C., Monrovia, Calif., assignor to International Harvester Company. Air cleaner. 2,062,548; Dec. 1.
Wilson, Walter W., et al. (See Peters, Thomas B. R., assignor.)
Wingfoot Corporation. (See Maas, Elov F., assignor.)
Winther, Holger, assignor to The Puro-Dent Co., Copenhagen, Denmark. Holder for toilet articles. 2,062,852; Dec. 1.
Withey, John M., assignor to L. M. Wickman, Howell, Mich. Fish stringer. 2,062,386; Dec. 1.
Wold, Frank E., Santa Monica, Calif. Servicing equipment for vehicles. 2,062,549; Dec. 1.
Wood, John, Manufacturing Company. (See Orbeck, Einar M., assignor.)
Woods, P. E., et al. (See Johnson, Paul B., assignor.)
Woodward, E. C., et al. (See Pierce, Orbra C., assignor.)
Wooley, Bruce D., Johnstown, Ohio. Power actuated steering mechanism. 2,062,774; Dec. 1.
Wright, Percy T., Clarendon, Va. Treating cocoanut shell. 2,062,853; Dec. 1.
Wünsch, Guido, Berlin-Steglitz, Germany, assignor to Askania-Werke A. G. vormals Central Werkstatt Dessau und Carl Bamberg-Friedenau. Paper machine control. 2,062,922; Dec. 1.
Yager, George F., and O. J. Heath, assignors to The Bunting Brass and Bronze Company, Toledo, Ohio. Feeder mechanism. 2,062,854; Dec. 1.
Yannetta, Peter, Waterbury, Conn. Clutch lock. 2,062,628; Dec. 1.
Yates, Arthur T. West Seneca, assignor to Buffalo Forge Company, Buffalo, N. Y. Power press. 2,062,692; Dec. 1.
Yawman & Erbe Mfg. Co. (See Yawman, Francis J., assignor.)
Yawman, Francis J., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Reenforced file folder. 2,062,436; Dec. 1.
Yeager, Anton J., assignor to Prentiss Wabers Products Co., Wisconsin Rapids, Wis. Stove construction. 2,062,855; Dec. 1.
Youker, Mortimer A. (See Daubt, H. W., and Youker.)
Zimic, Michael, Forest Hills, N. Y. Adjustable pulley. 2,062,629; Dec. 1.
Zimmer, John C., Hillside, and A. J. Morway, Roselle, N. J., assignors to Standard Oil Development Company. Adhesive grease composition. 2,062,346; Dec. 1.
Zinselmeyer, Walter, Remscheid-Lennep, Germany, assignor to American Bemberg Corporation, New York, N. Y. Spinning centrifuges for artificial silk. 2,062,980; Dec. 1.
Zuschlag, Theodor, West Englewood, N. J., assignor to H. T. F. Lundberg, New York, N. Y. Method and apparatus for electrical prospecting. 2,062,630; Dec. 1.
Zwicky, Fred. (See Koebberling, O., Zwicky, and Hunt.)

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 1ST DAY OF DECEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Building construction. W. R. Simons. 20,188; Dec. 1.
Detonator. H. A. Lewis. 20,190; Dec. 1.
Explosive charges, Method of and apparatus for placing. C. A. Mathey and P. F. Lewis. 20,191; Dec. 1.
Gear transmission, Change speed. H. L. Hoy. 20,186; Dec. 1.
Oscillation circuit for electric waves. H. O. Roosenstein. 20,189; Dec. 1.
Television. F. C. P. Henroteau. 20,187; Dec. 1.

LIST OF DESIGN INVENTIONS

Andiron. I. Marshall. 102,191; Dec. 1.
Atomizer. F. A. Vuillemenot. 102,199–202; Dec. 1.
Bed, Baby's. J. R. Kuhn. 102,209; Dec. 1.
Blouse. I. Geist. 102,130; Dec. 1.
Bottle. E. Schiaparelli. 102,172; Dec. 1.
Bottle or similar container, Perfume. B. J. Dolan. 102,178; Dec. 1.
Bracelet or similar article. S. Gerli. 102,162; Dec. 1.
Bridge for eyeglasses or similar articles, Center. R. L. Obrig. 102,142; Dec. 1.
Buckle. J. B. Freysinger. 102,129; Dec. 1.
Button. A. H. Feuerstein. 102,226; Dec. 1.
Cabinet, Hair drying. P. H. Ordin and J. B. Barney. 102,192; Dec. 1.
Cabinet, Optical display. B. Chaney. 102,176; Dec. 1.
Cabinet, Phonograph. D. C. Rockola. 102,194; Dec. 1.
Can. I. W. England. 102,161; Dec. 1.
Candle holder. B. G. Newton. 102,141; Dec. 1.
Candy figure. W. E. Cook. 102,126; Dec. 1.
Cap, Container. G. Wilmet. 102,174; Dec. 1.
Case, Atomizer. F. A. Vuillemenot. 102,154–6; Dec. 1.
Case, Atomizer. F. A. Vuillemenot. 102,198; Dec. 1.
Casing, Flashlight. W. R. Westfall and D. L. Spender. 102,215; Dec. 1.
Casing for a suction cleaner or similar article. H. Dreyfuss. 102,180; Dec. 1.
Chart, Astrological. W. P. Goshorn. 102,135; Dec. 1.
Chime, Signal. E. Matousek. 102,168; Dec. 1.
Comfortable. J. Goodstein. 102,227; Dec. 1.
Cover for spare wheels and tires of automotive vehicles, or similar article. G. A. Lyon. 102,211; Dec. 1.
Eyeglass, Frame. I. M. Schwab. 102,240; Dec. 1.
Fabric, Elastic. O. E. Huber. 102,208; Dec. 1.
Fabric, Elastic. N. Leeber. 102,210; Dec. 1.
Fabric or similar article of manufacture, Textile. C. O. Hesse. 102,206–7; Dec. 1.
Fabric or similar article, Textile. E. A. Smith. 102,241; Dec. 1.
Fabric, Textile. J. J. Blackstone. 102,221; Dec. 1.
Flashlight. K. H. Kalberer. 102,137; Dec. 1.
Flashlight base cap. D. L. Spender. 102,149; Dec. 1.
Floor surfacing machines. W. E. Holt. 102,186; Dec. 1.
Game device, Pocket. H. Herion. 102,185; Dec. 1.
Handbag, Lady's. H. Felmann. 102,183–4; Dec. 1.
Handle for knives. M. Kirstein. 102,166; Dec. 1.
Hanger, Clothes. J. Lagomarsino. 102,230; Dec. 1.
Holder, Christmas tree. K. A. Bird and E. E. Farley. 102,220; Dec. 1.
Jar or similar article. T. J. Piazzoli. 102,171; Dec. 1.
Lace. B. Edson. 102,223–4; Dec. 1.
Lace. M. J. Hertz. 102,228; Dec. 1.
Lace. J. Wiener. 102,216–19; Dec. 1.
Lace. J. Wiener. 102,243; Dec. 1.
Lace. I. Zendman, Jr. 102,244–5; Dec. 1.
Lamp attachment or similar article, Motor vehicle head. H. B. Donley. 102,179; Dec. 1.
Link, Cuff. G. F. Brecht. 102,177; Dec. 1.
Lipstick and holder therefor, Combination. M. H. and M. S. Stein. 102,151; Dec. 1.
Mixer or similar article, Electric food. G. T. Scharfenberg. 102,148; Dec. 1.
Mounting, Ophthalmic. C. O. Cozzens and E. M. Splaine. 102,127; Dec. 1.
Neck for a string instrument. H. A. Harlin. 102,164; Dec. 1.
Net, Embroidered. J. J. Blackstone. 102,222; Dec. 1.
Nipple, Bottle. N. P. Steckler. 102,213; Dec. 1.
Parer or similar article. F. Wisser. 102,158; Dec. 1
Ring. H. Kousin. 102,167; Dec. 1.
Sandal. A. Rosen. 102,195; Dec. 1.
Sandal. E. H. Strassburger. 102,152; Dec. 1.
Scarf. E. C. Hyman. 102,187; Dec. 1.
Server for cheese or the like, Table W. K. Youngberg. 102,160; Dec. 1.
Shaker, pepper shaker and stand therefor, Combined salt. C. F. Simms. 102,212; Dec. 1.
Shoe. I. Berman. 102,122–5; Dec. 1.
Shoe. S. Erdos. 102,225; Dec. 1.
Shoe. S. Fradkin. 102,128; Dec. 1.
Shoe. H. Geller. 102,131–3; Dec. 1.
Shoe. L. Goldberg. 102,134; Dec. 1.
Shoe. E. Grossman. 102,136; Dec. 1.
Shoe. W. S. Laurie. 102,188–9; Dec. 1.
Shoe. H. Lifschutz. 102,139; Dec. 1.
Shoe. M. J. Rosenthal. 102,147; Dec. 1.
Shoe. T. Samuels. 102,234–9; Dec. 1.
Shoe. H. Sobel. 102,196; Dec. 1.
Shoe. H. Sobel. 102,242; Dec. 1.
Shoe. A. Turiansky. 102,197; Dec. 1.
Shoe. J. J. Walsh. 102,157; Dec. 1.
Shoe. H. F. Wright. 102,159; Dec. 1.
Shoe or similar article. C. Miller. 102,140; Dec. 1.
Shoe or similar article. A. Perugia. 102,193; Dec. 1.
Shoe or similar article. A. Vamos. 102,153; Dec. 1.
Sign. R. H. Baker. 102,121; Dec. 1.
Spoon or other article of flatware. W. S. Warren. 102,173; Dec. 1.
Stand, Pen. E. Kanter. 102,229; Dec. 1.
Stand, Pen. S. M. Masse. 102,231–2; Dec. 1.
Stove, Heating. W. B. Engh. 102,181; Dec. 1.
Suit, Masquerade flying. M. Couchman. 102,204; Dec. 1.
Tablet, Edible. C. S. Humphrey. 102,165; Dec. 1.
Tennis racket or similar article. H. W. Hall. 102,163; Dec. 1.
Thermometer and perpetual calendar, Combined. N. Rispoli. 102,233; Dec. 1.
Thermometer, Novelty. J. Bancroft, Jr. 102,175; Dec. 1.
Tile. E. Parker. 102,144–5; Dec. 1.
Tile. E. Parker. 102,169–70; Dec. 1.
Tile unit. E. Parker. 102,143; Dec. 1.
Tile unit. E. Parker. 102,146; Dec. 1.
Trailer, Salesman's display. C. T. Falk. 102,182; Dec. 1.
Transformer, Electric. J. A. Comstock. 102,203; Dec. 1.
Tube or similar article. E. H. Tyson. 102,214; Dec. 1.
Urn, Coffee. M. H. Emmer. 102,205; Dec. 1.
Valve, Air. H. L. MacCowan. 102,190; Dec. 1.
Velocipede. H. L. Kraeft. 102,138; Dec. 1.
Watchcase. M. H. and M. S. Stein. 102,150; Dec. 1.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 1ST DAY OF DECEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Acetylamino-naphthol-sulphonic acids, Production of. G. Maurer and S. G. Ford. 2,062,368; Dec. 1.
Acid esters, Polycarboxylic. W. E. Lawson. 2,062,917; Dec. 1.
Acid halides, Preparation of aliphatic. P. J. Wiezevich and P. K. Frolich. 2,062,344; Dec. 1.
Acid sludge, Purifying. F. M. Archibald. 2,062,347; Dec. 1.
Acids, Preparing color-stable fatty. M. L. Sheely. 2,062,837; Dec. 1.
Acoustic device. R. R. Riesz. 2,062,478; Dec. 1.
Adhesive. O. Sealise and D. Coleman. 2,062,942; Dec. 1.
Adhesive feeder. B. Nagy. 2,062,900; Dec. 1.
Adhesive grease composition. J. C. Zimmer and A. J. Morway. 2,062,346; Dec. 1.
Advertising, Aircraft. J. C. Haddock and Z. D. Granville. 2,062,510; Dec. 1.
Advertising sign. C. E. Karst. 2,062,887; Dec. 1.
Aerial effects, Creating. J. C. Haddock and Z. D. Granville. 2,062,511; Dec. 1.
Aeroplane. J. D. North. 2,062,599; Dec. 1.
Agricultural implements, Adjusting means for. F. T. Court. 2,062,351; Dec. 1.
Air, apparatus for cooling and conditioning air. R. J. Roberts. 2,062,728; Dec. 1.
Air cleaner. W. C. Wilson. 2,062,548; Dec. 1.
Air conditioning apparatus. C. B. Grady. 2,062,413; Dec. 1.
Air conditioning apparatus. T. B. R. Peters. 2,062,605; Dec. 1.
Air filter frame, Auxiliary. C. P. Hegen. 2,062,649; Dec. 1.
Air lift pumping apparatus. R. W. Scott. 2,062,799; Dec. 1.
Air, Method of and apparatus for conditioning. C. W. Stead. 2,062,771; Dec. 1.
Airplane. O. D. Payne. 2,063,005; Dec. 1.
Airplane bodies, Apparatus for constructing. A. C. Mather. 2,062,591; Dec. 1.
Airplane instruction device. G. Rockwell. 2,062,678; Dec. 1.
Airtight bag. A. J. Sterling. 2,062,618; Dec. 1.
Alcohol concentrations in live animals and solutions, R. N. Harger. Apparatus for and process of readily determining. 2,062,785; Dec. 1.
Alloy, Metallic. L. S. Deitz, Jr., and H. H. Weiser. 2,062,448; Dec. 1.
Alternating current motor. E. D. Lilja. 2,062,322; Dec. 1.
Aluminum, Means for and method of producing. V. M. Weaver. 2,062,340; Dec. 1.
Ammunition. H. M. Brayton. 2,062,495; Dec. 1.
Amusement apparatus, Racing. C. W. Musser. 2,062,371; Dec. 1.
Annealing process. H. Scott. 2,062,836; Dec. 1.
Anodes, forming the same, and formation electrolyte therefor. J. E. Lilienfeld. 2,062,464; Dec. 1.
Antimony process. R. C. Skow. 2,062,838; Dec. 1.
Anti-siphoning device. T. H. Jones. 2,062,516; Dec. 1.
Apparatus for saturating material. J. H. Weller. 2,062,382; Dec. 1.
Arm exercising and stomach treatment apparatus. P. E. Erickson. 2,062,300; Dec. 1.
Articles, Manufacturing two-colored. S. Hansen. 2,062,880; Dec. 1.
Arylamines, Making. W. S. Calcott and L. S. Bake. 2,062,349; Dec. 1.
Asphalt, Cooling and granulating. H. M. Noel. 2,062,374; Dec. 1.
Asphalts of low susceptibility to temperature change. C. Mack. 2,062,366; Dec. 1.
Assembly for electron devices, Element. W. L. Krahl. 2,062,751; Dec. 1.
Atomizer. H. F. R. Ray-Engleheart. 2,062,507; Dec. 1.
Atomizer, Pocket. Holtzman, J. 2,062,311; Dec. 1.
Automatic backwater valve. F. B. Mingus and W. R. Meyer. 2,062,423; Dec. 1.
Automatic farm gate. E. A. Bigler. 2,062,738; Dec. 1.
Automobile heater. C. M. Francisco and C. P. Roberts. 2,062,509; Dec. 1.
Automobile signal light. H. Redman. 2,062,932; Dec. 1.
Auto top material. R. Morgan. 2,062,469; Dec. 1.
Bag; *See*—
  Airtight bag. Parcel bag.
  Handled shopping bag.
Bag stapling machine. W. N. Baker, R. C. Hurrey, and R. N. Cundall. 2,062,439; Dec. 1.
Balancing apparatus for golf clubs and the like. W. Ogg and L. A. Storz. 2,062,673; Dec. 1.
Banding machine. R. Peters. 2,062,425; Dec. 1.
Bearing; *See*—
  Journal bearing.
Bearing assembly. G. W. Stair. 2,062,947; Dec. 1.
Bearings, Grinding antifriction needle. E. Benedek. 2,062,803; Dec. 1.
Belt, Cog. A. L. Freedlander. 2,062,568; Dec. 1.
Benzophenanthrenarylides. A. Schmelzer and C. Schuster. 2,062,614; Dec. 1.
Bicycle attachment for exercising. C. A. A. G. Sabaeff. 2,062,831; Dec. 1.
Bit clamp and holder, Streamlined. E. Reaney. 2,062,607; Dec. 1.
Blades, Apparatus for grinding serrated cutting. H. J. Criner. 2,062,352; Dec. 1.
Blank feeding means for receptacle body forming apparatus. G. Lutz. 2,062,465; Dec. 1.
Blasting powder, Pelleted. W. E. Kirst. 2,062,666; Dec. 1.
Block; *See*—
  Concrete block.
Boat propelling device. I. S. Wells. 2,062,546; Dec. 1.
Bobbin release for weft replenishing looms. C. P. Bergstrom and A. Palmer. 2,062,694; Dec. 1.
Bobbin release for weft replenishing looms. A. A. Gordon, 3d, and H. M. Latham. 2,062,708; Dec. 1.
Boiler blow-off apparatus. A. Kirchhofer and W. A. Kline. 2,063,007; Dec. 1.
Boiler for steam locomotives, High-pressure. H. Nyffenegger and H. Sigrist. 2,062,601; Dec. 1.
Bone conduction hearing aid. E. C. Nicholides. 2,062,372; Dec. 1.
Book holder. L. H. Campos. 2,062,553; Dec. 1.
Book support. M. L. Svikhart. 2,062,482; Dec. 1.
Borax, Production of noncrystalline. H. D. Hellmers. 2,062,650; Dec. 1.
Box moving mechanism. C. H. Paxton. 2,062,525; Dec. 1.
Box switching unit. G. C. Paxton. 2,062,604; Dec. 1.
Brake; *See*—
  Car brake.
Brake adjusting device. F. Perazzo and G. Johansson. 2,062,819; Dec. 1.
Brake apparatus. F. E. Luebkert. 2,062,670; Dec. 1.
Brake for motor vehicle. C. L. Walker. 2,062,848; Dec. 1.
Brake mechanism. R. H. Casler. 2,062,806; Dec. 1.
Brake mechanism. R. H. Casler and W. A. Eaton. 2,062,500; Dec. 1.
Brake operating mechanism for railway hand cars. H. E. Osborn. 2,062,759; Dec. 1.
Brake system, Hydraulic. R. C. Sabins. 2,062,798; Dec. 1.
Bridge, Lifting. H. Breitwieser. 2,062,635; Dec. 1.
Bridge, Suspension. L. U. E. A. Baticle. 2,062,983–5; Dec. 1.
Buckle. H. P. Troendly. 2,062,734; Dec. 1.
Bucky diaphragm. R. F. Dent. 2,062,562; Dec. 1.
Building construction. G. F. Kotrbaty. 2,062,890; Dec. 1.
Building plate. A. Hammenecker. 2,062,879; Dec. 1.
Bumper clamp and guard construction. H. S. Jandus and N. Y. Kristensen. 2,062,314; Dec. 1.
Bumper construction, Vehicle. H. S. Jandus and B. M. Short. 2,062,313; Dec. 1.
Bumper construction, Vehicle. H. S. Jandus and B. M. Short. 2,062,315; Dec. 1.
Bumper device for automobiles. W. L. Morrison. 2,062,328; Dec. 1.
Bumper device for vehicles. W. L. Morrison. 2,062,327; Dec. 1.
Burner control apparatus. W. G. Hartwig. 2,062,749; Dec. 1.
Burnishing apparatus. J. M. Christman. 2,062,699; Dec. 1.
Cabinet closure and table. F. Gluckstein. 2,062,452; Dec. 1.
Cabinet, Phonograph. L. J. Kelly. 2,062,517; Dec. 1.
Cable system, Electric. C. E. Bennett. 2,062,289; Dec. 1.
Calculating machine. H. T. Avery. 2,062,634; Dec. 1.
Calculating machine. E. Benninger. 2,062,963; Dec. 1.
Calculating machine. C. Schroder. 2,062,731; Dec. 1.
Can filling machine. R. D. Rapp. 2,062,428; Dec. 1.
Can treating apparatus. A. R. Thompson. 2,062,535; Dec. 1.
Cans or other receptacles, Method and apparatus for washing milk. I. H. Kendall. 2,062,664; Dec. 1.
Candy decorating method. H. B. Cosler. 2,062,867; Dec. 1.

Cap remover. M. Brin. 2,062,976; Dec. 1.
Cap, Seal. R. S. Rheem. 2,062,796; Dec. 1.
Car brake. J. P. Anderson. 2,062,982; Dec. 1.
Car brake. G. A. Suckfield. 2,062,533; Dec. 1.
Car construction. J. P. Anderson. 2,062,981; Dec. 1.
Car, Dump. A. K. Pehrson. 2,062,526; Dec. 1.
Car structure, Railway. A. C. Moore and A. Wasberg. 2,062,757; Dec. 1.
Carbinols and preparing them, Separation products of aliphatic. A. Steindorff, H. Lange, and K. Horst. 2,062,842; Dec. 1.
Carbon black manufacture. P. K. Frolich. 2,062,358; Dec. 1.
Carbon coated objects and making same. H. J. Miller. 2,062,370; Dec. 1.
Carbon compounds, Production of fluorine-containing. H. W. Daudt and M. A. Youker. 2,062,743; Dec. 1.
Carbon dioxide, Apparatus for solidifying. T. Eichmann. 2,062,971; Dec. 1.
Carburetor. O. Brökel. 2,062,496; Dec. 1.
Carburetting device. Y. Djordjevich. 2,062,506; Dec. 1.
Carrier: *See*—
Garment carrier.
Carton, Carrying. W. F. Forster. 2,062,451; Dec. 1.
Cartridge, Blasting. F. H. Kneeland. 2,062,912; Dec. 1.
Case: *See*—
Vanity case.
Cash register. F. L. Fuller. 2,062,570; Dec. 1.
Casting, Insulating. H. N. Baumann, Jr., J. P. Swentzel, and I. M. Logan. 2,062,962; Dec. 1.
Catcher for rolling mills, Automatic mechanical. A. G. Delany. 2,062,297; Dec. 1.
Cathode ray tube. F. J. G. Van den Bosch. 2,062,538; Dec. 1.
Cellulosic composition. H. Dreyfus. 2,062,403; Dec. 1.
Cellulosic spinning solution. H. Siebourg. 2,063,001; Dec. 1.
Chemical and metallurgical operations in a rotary furnace, Conducting. C. P. Debuch and E. Markworth. 2,062,869; Dec. 1.
Chute for bills, Wall. T. E. Cartwright. 2,062,639; Dec. 1.
Cigarette cut-off device. W. G. Forbes. 2,062,990; Dec. 1.
Circuit, Antenna. W. S. Harmon. 2,062,414; Dec. 1.
Clamp: *See*—
Dead end clamp. Rope clamp.
Handle clamp. Trunnion type clamp.
Clamp for storage batteries, Post. R. S. Feunell and E. E. Spencer. 2,062,409; Dec. 1.
Clamping means. J. Y. Binzek and R. G. Anderson. 2,062,494; Dec. 1.
Cleaner: *See*—
Air cleaner. Sewer cleaner.
Poultry house cleaner.
Clock. F. R. Ayres. 2,062,491; Dec. 1.
Clock, Alarm. P. Lux. 2,062,895; Dec. 1.
Clock, Electric. R. E. Pearson, Jr., and H. F. Herman. 2,062,476; Dec. 1.
Closure. A. E. Jay. 2,062,417; Dec. 1.
Closure for containers. R. G. Whitlock and L. Sharp. 2,062,954; Dec. 1.
Cloth washer. H. F. Schmidt. 2,062,943; Dec. 1.
Cloth, Wire. L. N. Weber. 2,062,773; Dec. 1.
Clutch lock. P. Yannetta. 2,062,628; Dec. 1.
Coal, Apparatus for mining. J. F. Joy. 2,062,656; Dec. 1.
Coal mining machine. J. F. Joy. 2,062,655; Dec. 1.
Coal mining machine. J. F. Joy. 2,062,657; Dec. 1.
Coated welding rod. R. S. Johnston. 2,062,457; Dec. 1.
Cocoanut shell, Treating. P. T. Wright. 2,062,853; Dec. 1.
Comb, Fountain. F. E. Raymond. 2,062,376; Dec. 1.
Combustible mixtures, Forming. O. A. Ross. 2,062,825; Dec. 1.
Comestible package. C. W. Vogt. 2,062,539; Dec. 1.
Compartment for household refrigerators, Fur and woolen cold storage. C. B. Alig. 2,062,631; Dec. 1.
Compositions of matter and petroleum products and making. O. M. Reiff. 2,062,676; Dec. 1.
Compositions of matter and petroleum products and making same. O. M. Reiff. 2,062,677; Dec. 1.
Compound applying machine. W. Cameron. 2,062,863; Dec. 1.
Concealed hinge. J. Soss. 2,062,840; Dec. 1.
Concrete block, Self-locking. E. J. Wildermuth. 2,062,851; Dec. 1.
Concrete building block molding machine. A. H. Sexton. 2,062,767; Dec. 1.
Conduit, Electric. F. Kindberg. 2,062,752; Dec. 1.
Confections, Device for molding frozen. L. Loewenstein. 2,062,754; Dec. 1.
Connecter: *See*—
Electrical connecter. Watertight box connecter.
Container for a liquid. C. O. R. Michel and A. C. Hunkeler. 2,062,897; Dec. 1.
Container for carbon dioxide blocks. J. W. Lucas. 2,062,589; Dec. 1.
Container for first aid equipment. F. Glueckstein. 2,062,973; Dec. 1.
Container for fruit or the like. E. H. Peters. 2,062,794; Dec. 1.
Containers, Manufacture of thin-walled light. J. Keulers. 2,062,910; Dec. 1.
Control apparatus for engine starters. J. B. Dyer. 2,062,970; Dec. 1.
Control device. A. H. Lamb. 2,062,915; Dec. 1.
Control system having stabilizing and anticipatory features. O. C. Abbott and F. A. Faust. 2,062,437; Dec. 1.
Controlling mechanism. D. D. Jackson and E. W. Tefft. 2,062,716; Dec. 1.
Cop winding machine. G. A. Scheller. 2,062,679; Dec. 1.
Copper-tin-phosphorus-zinc alloy. H. L. Pierson. 2,062,427; Dec. 1.
Copper-zinc-lead-phosphorous, Alloy and article. H. L. Pierson. 2,062,426; Dec. 1.
Copyholder. B. F. Blakeman. 2,062,964; Dec. 1.
Corn cutting apparatus. M. S. Canaday. 2,062,739; Dec. 1.
Corn popper. A. O. Samuels. 2,062,941; Dec. 1.
Coumarin, Preparation of. G. Kretchmar and C. Collaud. 2,062,364; Dec. 1.
Coupling: *See*—
Flexible coupling. Hydraulic coupling.
Coupling. O. S. Cartier. 2,062,740; Dec. 1.
Cover: *See*—
Sanitary cover. Tire cover.
Cover and dispenser for milk cans and the like. R. H. Lehew. 2,062,365; Dec. 1.
Cover for ironing machines and the like. W. J. McCaughan. 2,062,467; Dec. 1.
Covers of kitchen boilers, Operating. E. J. Canépa. 2,062,967; Dec. 1.
Crate building machine. M. C. Rutzen, L. W. Pardee, and A. J. Stecker. 2,062,828; Dec. 1.
Crystallization inhibitor for paraffin wax in lubricating oils. G. H. B. Davis. 2,062,354; Dec. 1.
Curtain rod construction. A. N. Pasman. 2,062,474; Dec. 1.
Curtain rod, Traverse. G. W. Kirsch. 2,062,579; Dec. 1.
Cutter: *See*—
Inside casing cutter. Weed cutter.
Cylinder block for air cooled internal combustion engines. C. S. Brown. 2,062,394; Dec. 1.
Cylinder construction for air cooled engines. C. S. Brown. 2,062,392–3; Dec. 1.
Cylinder construction for air cooled internal combustion engines. C. S. Brown. 2,062,391; Dec. 1.
Dead end clamp. A. A. Hocher. 2,062,653; Dec. 1.
Delay apparatus for linecasting and composing machines. M. T. Goetz. 2,062,306; Dec. 1.
Depilatory. H. A. Fischer. 2,062,411; Dec. 1.
Design and article, Creating a. R. W. Lundquist. 2,062,590; Dec. 1.
Dial, Illuminated instrument. J. W. Hobbs. 2,062,883; Dec. 1.
Diaper, Disposable. G. S. King. 2,062,978; Dec. 1.
Diaper, Tubular knitted. L. R. McNair. 2,062,594; Dec. 1.
Diazo composition. L. H. Flett. 2,062,873; Dec. 1.
Die: *See*—
Macaroni die.
Direction finder. F. J. Hooven. 2,062,906; Dec. 1.
Direction finding antenna system. H. G. Busignies. 2,062,441; Dec. 1.
Dishwashing machine. W. B. Forsyth, Jr. 2,062,704; Dec. 1.
Dispenser: *See*—
Roll paper dispenser.
Dispenser for powdered dentrifice. C. E. Rickel. 2,062,610; Dec. 1.
Dispensing apparatus. C. P. Griffith. 2,062,308; Dec. 1.
Display appliance. D. V. Walker. 2,062,802; Dec. 1.
Door and door-way construction. H. I. Morris. 2,062,899; Dec. 1.
Door, Incinerator hopper. H. E. Nicol. 2,062,793; Dec. 1.
Doorknob and spindle fastener. W. R. Schlage. 2,062,765; Dec. 1.
Door lock. W. F. Nelsen. 2,062,598; Dec. 1.
Door lock. W. R. Schlage. 2,062,766; Dec. 1.
Door support, Adjustable. E. J. Langer. 2,062,320; Dec. 1.
Drainage control. H. J. Mastenbrook. 2,062,672; Dec. 1.
Drier and stretcher, Stocking. J. P. Blackman. 2,062,777; Dec. 1.
Drill: *See*—
Rock drill.
Drive, Propeller. D. F. Cashman. 2,062,293; Dec. 1.
Driving mechanism. L. T. Pritchard. 2,062,930; Dec. 1.
Duplicating mechanism. H. G. Johnstone. 2,062,456; Dec. 1.
Duplicator. M. R. Gerrmann. 2,062,876; Dec. 1.
Duster, Crop. J. B. Cary. C. G. Allgrunn, and J. E. Hollinger. 2,062,294–5; Dec. 1.
Dyeing process. J. O. Handy. 2,062,903; Dec. 1.
Egg white, Alteration of. A. K. Balls and T. L. Swenson. 2,062,387; Dec. 1.
Electric arc lamp. M. Körting and F. Werner. 2,062,419; Dec. 1.
Electrical connecter. W. A. Heinrich. 2,062,882; Dec. 1.
Electrical controlling device. H. A. Wilhelm. 2,062,345; Dec. 1.
Electrical discharge device and electrode for same. R. E. Barclay. 2,062,959; Dec. 1.
Electrical discharge in a gaseous conduction path, Initiating and controlling. R. E. Barclay. 2,062,960; Dec. 1.
Electrical switch. C. G. Koppitz. 2,062,580; Dec. 1.
Electrolyte. H. Waterman. 2,062,543; Dec. 1.
Electron discharge device. C. E. Fay. 2,062,301–2; Dec. 1.

Electron discharge device. J. P. Laico. 2,062,319; Dec. 1.
Electron discharge device. J. P. Laico. 2,062,892; Dec. 1.
Electron discharge device. A. L. Samuel. 2,062,334; Dec. 1.
Electron discharge device, Shielded. W. Kautter and H. O. Roosenstein. 2,062,663; Dec. 1.
Elevator for liquids for feeding fuel to automobile engines. L. Guichard. 2,062,709; Dec. 1.
Elevator operating apparatus. E. B. Thurston, J. A. Brubaker, and F. F. Turner. 2,062,432; Dec. 1.
Engine: *See*—
Internal combustion engine. Rotary engine.
Rotary gasoline engine.
Oil engine.
Engine. A. J. Meyer. 2,062,369; Dec. 1.
Engine and fuel injection device, Injection. O. H. Ensign. 2,062,644; Dec. 1.
Engines, Apparatus for controlling. E. A. Rockwell and S. M. Fairchild. 2,062,824; Dec. 1.
Envelope. E. B. Berkowitz. 2,062,776; Dec. 1.
Esters. R. E. Thomas. 2,062,950; Dec. 1.
Esters, Polyhydric alcohol. W. E. Lawson. 2,062,918; Dec. 1.
Ether compounds. A. W. Baldwin and A. J. Hallwood. 2,062,958; Dec. 1.
Ethers of polyhydric alcohols, Manufacture of cyclic. H. Dreyfus. 2,062,404; Dec. 1.
Excavating machine. R. A. Denovan. 2,062,744; Dec. 1.
Exercising and treatment apparatus. P. E. Erickson. 2,062,299; Dec. 1.
Fabric, Producing pile. A. G. Holland. 2,062,884; Dec. 1.
Fabrics, Producing novel knitted double-faced elastic. F. W. Plumb. 2,062,999; Dec. 1.
Fan, Ventilating. W. H. Hipkiss. 2,062,513; Dec. 1.
Fastener: *See*—
Doorknob and spindle fastener.
Fastening device. G. A. Tinnerman. 2,062,685; Dec. 1.
Feeder: *See*—
Adhesive feeder.
Feeder for thermoplastic material. F. L. O. Wadsworth. 2,062,622; Dec. 1.
Feeder mechanism. G. F. Yager and O. J. Heath. 2,062,854; Dec. 1.
Feeding device. A. B. Wahlquist. 2,062,952; Dec. 1.
Feeding means for duplicating machines. J. D. Edmunds. 2,062,643; Dec. 1.
Fender, Marine. E. F. Maas. 2,062,919; Dec. 1.
Fibers, Apparatus for coating. E. Bleibler. 2,062,389; Dec. 1.
Filaments, Apparatus for the winding of. G. A. M. Helm. 2,062,881; Dec. 1.
Filaments, threads, yarns, ribbons, films, foils, sheets, and like materials, Manufacture of artificial. H. Dreyfus. 2,062,406; Dec. 1.
Filaments, Treatment of formed. A. Hartmann. 2,062,712; Dec. 1.
Film, Production of a colored sound. B. Gaspar. 2,062,304; Dec. 1.
Filtering device or separator for filter type respirators or the like. N. Schwartz. 2,062,834; Dec. 1.
Finder, Monitoring. G. Laube and C. M. Miller. 2,062,585; Dec. 1.
Fish stringer. J. M. Withey. 2,062,386; Dec. 1.
Fishing line submerger. O. Kallberg. 2,062,718; Dec. 1.
Fitting for hydraulic brake systems. B. Dick. 2,062,449; Dec. 1.
Flag shaft throwing mechanism, Electrically operated. G. C. Coil. 2,062,558; Dec. 1.
Flavanthrone, Producing. F. L. English. 2,062,450; Dec. 1.
Flexible coupling. R. Henry. 2,062,575; Dec. 1.
Flints, Making pyrophoric. C. H. Van Dusen, Jr., and E. C. Dietrich. 2,062,486; Dec. 1.
Flowerpot, Artificial. M. Kaplan. 2,062,577; Dec. 1.
Fluids at low temperatures, Distilling. J. W. Packie and D. E. Stines. 2,062,375; Dec. 1.
Fluids, Generation of heated. F. W. Ofeldt. 2,062,925; Dec. 1.
Flywheel, Balancing. S. J. Kruczek. 2,062,583; Dec. 1.
Folder, Reenforced file. F. J. Yawman. 2,062,436; Dec. 1.
Form for concrete building structures, Permanent metallic. A. G. Olsen. 2,062,724; Dec. 1.
4:4′-dimethyl-6:6′-dihalogen thioindigo. P. W. Carleton and E. L. Mattison. 2,062,443; Dec. 1.
4.6 diamino 2-alkyl pyridines and producing the same. H. J. Schneiderwirth. 2,062,680; Dec. 1.
Frame: *See*—
Air filter frame.
Friction control for pull lines. W. W. Foster. 2,062,705; Dec. 1.
Friction disk, Reenforced toothed. F. C. Stanley. 2,062,480; Dec. 1.
Fruit dicing machine. B. Weirauch. 2,062,689; Dec. 1.
Fuel coating composition. E. W. Carlson and P. J. Wiezevich. 2,062,350; Dec. 1.
Fuels. L. E. Levi. 2,062,463; Dec. 1.
Fumigating gas generator. J. J. Reid. 2,062,609; Dec. 1.
Furnace. J. F. Forman. 2,062,357; Dec. 1.
Furnace for enameling, heat treating, etc., and applying heat therefor. W. A. Darrah. 2,062,642; Dec. 1.
Fuse indicator. F. C. La Mar. 2,062,669; Dec. 1.
Game and educational device. W. Hastings. 2,062,453; Dec. 1.
Garment carrier. A. Levine. 2,062,462; Dec. 1.
Garment, Hose supporting. J. Monette. 2,062,596; Dec. 1.
Gas treating apparatus. C. B. Grady. 2,062,412; Dec. 1.
Gases by freezing, Separating. L. S. Twomey. 2,062,537; Dec. 1.
Gases from a vessel below atmospheric temperature, Apparatus for discharging liquefied. W. L. De Baufre. 2,062,781; Dec. 1.
Gate: *See*—
Automatic farm gate.
Gathering and loading machine. F. Cartlidge. 2,062,555; Dec. 1.
Gear box, especially for automobiles. H. Christensen. 2,062,968; Dec. 1.
Gear of motor vehicles, Device for automatically controlling the toothed wheel change. L. von Hazslinszky and G. von Lukács. 2,062,488; Dec. 1.
Gear shift, Automatic. L. S. Miller and F. J. Miller. 2,062,523; Dec. 1.
Gear with clutch teeth, Forming a helical. C. D. Peterson. 2,062,927; Dec. 1.
Gearing for computing mechanism, variable. E. M. Orbeck. 2,062,997; Dec. 1.
Generator: *See*—
Fumigating gas generator.
Generator for gas-mantle lamps. T. H. Stafford. 2,062,770; Dec. 1.
Glass batch, Making and using a. B. A. Jeffery and F. H. Riddle. 2,062,907; Dec. 1.
Glass feeding apparatus. A. H. Stewart. 2,062,619; Dec. 1.
Glass forming machine. E. Miller. 2,062,522; Dec. 1.
Glass, Making borax. F. W. Corkill. 2,062,505; Dec. 1.
Glass, Method of and apparatus for feeding. A. H. Stewart. 2,062,620; Dec. 1.
Glass plate during tempering, Apparatus for holding. L. J.-B. Forbes. 2,062,567; Dec. 1.
Glass, Safety. R. W. Wampler. 2,062,541; Dec. 1.
Glass turnover and transfer apparatus, Plate. R. D. Scull. 2,062,732; Dec. 1.
Governor for motors, responsive to the resistant torque, Automatic. 2,062,804; Dec. 1.
Grate structure. E. R. Stone. 2,062,481; Dec. 1.
Greenhouse. E. F. Gertz. 2,062,972; Dec. 1.
Grid structure for floors and the like. L. Sloan. 2,062,944; Dec. 1.
Grinder for mills, Auxiliary. G. Schilling. 2,062,730; Dec. 1.
Guard for lever openings. H. Golden. 2,062,748; Dec. 1.
Guard, Garment hanger. L. D. Fletcher and J. C. Krejci. 2,062,566; Dec. 1.
Guard, Highway. W. S. Edge. 2,062,408; Dec. 1.
Guard, Hog-tongue. J. A. Carlsen. 2,062,554; Dec. 1.
Guard, Plant. P. L. Keller. 2,062,789; Dec. 1.
Guide, Acid. H. Hofmann and K. Richter. 2,062,714; Dec. 1.
Guide for blade frames of slicing machines. G. J. Calame. 2,062,862; Dec. 1.
Guiding device for automobile vehicles running on rails, Removable. A. Talon. 2,062,801; Dec. 1.
Gum forming constituents, sulphur compounds and color compounds from naphtha. H. G. Schneider. 2,062,377; Dec. 1.
Gumming machine. A. Bennett. 2,062,284; Dec. 1.
Gun, Mud. E. E. Brosius. 2,062,860; Dec. 1.
Gymnastic apparatus. E. E. Knourek. 2,062,813; Dec. 1.
Hair, Apparatus for straightening. S. de Lado. 2,062,561; Dec. 1.
Hair, Apparatus for waving. D. Lakenbach. 2,062,893; Dec. 1.
Handle clamp. S. P. Neuhausen. 2,062,472; Dec. 1.
Handle for fire extinguishing apparatus. V. J. Hill, Jr. 2,062,713; Dec. 1.
Handles, Attaching means for. E. H. Mueller. 2,062,424; Dec. 1.
Handled shopping bag. H. K. Steen. 2,062,617; Dec. 1.
Hanger: *See*—
Swing hanger.
Harrow, Disk. H. B. McKahin. 2,062,756; Dec. 1.
Harvester, Beet. O. Hansen. 2,062,711; Dec. 1.
Headlight and direction indicator for vehicles, Combined. E. R. Lochman. 2,062,323; Dec. 1.
Headrest supporting means. A. J. May. 2,062,592; Dec. 1.
Hearing aid bone vibrator. E. C. Nicholides. 2,062,373; Dec. 1.
Hearth construction for oil burners. O. J. Appel. 2,062,633; Dec. 1.
Heat interchange, Method and apparatus for. I. H. Levin. 2,062,321; Dec. 1.
Heat to converters, Application of. T. B. Prickett. 2,062,333; Dec. 1.
Heater: *See*—
Automobile heater.
Heater and burner, Oil. S. M. Meyer. 2,062,595; Dec. 1.
Heating system. W. T. Ferguson and J. A. Parks, Jr. 2,062,565; Dec. 1.
Heating system. H. J. C. Wells. 2,062,341; Dec. 1.
Heating system for vehicle bodies. S. C. Clark and H. M. Prynle. 2,062,864; Dec. 1.
Heel for shoes. A. Hannabach. 2,062,572; Dec. 1.

Heel turning machine. M. W. Howard. 2,062,416; Dec. 1.
Hinge: *See*—
Concealed hinge.
Holder: *See*—
Book holder.
Holder and display stand, Combined. H. L. Moore. 2,062,916; Dec. 1.
Holder for toilet articles. H. Winther. 2,062,852; Dec. 1.
Holder for yarn spools and the like. W. Geidner. 2,062,648; Dec. 1.
Hood for car dumpers. A. F. Case. 2,062,503; Dec. 1.
Hood for car dumpers. A. F. Case and J. P. Doyle. 2,062,501–2; Dec. 1.
Hormones, Purifying. M. Hartmann and A. Wettstein. 2,062,904; Dec. 1.
Hydraulic coupling. N. L. Allson. 2,062,281; Dec. 1.
Hydrocarbons, Treatment of. S. W. Ferris. 2,062,872; Dec. 1.
Ignition and starter switch, Combined. F. Beal. 2,062,440; Dec. 1.
2,062,440; Dec. 1.
2,062,484; Dec. 1.
Image suppression system. R. B. Albright. 2,062,956; Dec. 1.
Indicator: *See*—
Fuse indicator. Tuning indicator.
Inflatable article, Valveless. N. D. Campbell. 2,062,638; Dec. 1.
Insecticidal compositions and processes using the same. M. S. Kharasch. 2,062,911; Dec. 1.
Inside casing cutter. E. H. Leach. 2,062,420; Dec. 1.
Insulating composition, Magnesium silicate electrical. E. Kunstmann. 2,062,914; Dec. 1.
Insulating material. J. Leppik. 2,062,996; Dec. 1.
Insulation and making same, Flexible. F. D. Saylor. 2,062,832; Dec. 1.
Interlock support. A. F. Fochrenbach and R. F. Shoup. 2,062,645; Dec. 1.
Interlocking system for railroads. B. J. Schwendt, E. N. Bousquet, and J. A. Diffenbacher. 2,062,835; Dec. 1.
Internal combustion engine. R. B. Bryant. 2,062,551; Dec. 1.
Internal combustion engine. C. W. Van Ranst. 2,062,433; Dec. 1.
Internal combustion engine, Compression ignition. O. D. Treiber. 2,062,951; Dec. 1.
Internal combustion engine, Rotary. P. B. Johnson. 2,062,576; Dec. 1.
Ironing machine. J. A. Castricone. 2,062,989; Dec. 1.
Joint. G. M. Eaton. 2,062,407; Dec. 1.
Joint and making the same. C. H. Jensen. 2,062,886; Dec. 1.
Joist. E. D. Coddington. 2,062,399; Dec. 1.
Journal bearing. G. R. Bott. 2,062,290; Dec. 1.
Knitting machine. J. V. Bradley. 2,062,695; Dec. 1.
Knob with demountable core lock. H. G. Voight. 2,062,487; Dec. 1.
Lamp: *See*—
Electric arc lamp.
Land, Device for measuring. M. R. Bentley and R. R. Reppert. 2,062,388; Dec. 1.
Last, Shoe. G. C. Clark. 2,062,557; Dec. 1.
Latch for automobile fender shrouds and the like. R. G. Moore. 2,062,597; Dec. 1.
Lathe. J. Czerniak. 2,062,741; Dec. 1.
Lecithin, Treatment of. A. K. Epstein and B. R. Harris. 2,062,782; Dec. 1.
Let-off. O. V. Payne. 2,062,725; Dec. 1.
Lever. S. A. Snell. 2,062,708; Dec. 1.
Light: *See*—
Automobile signal light.
Lighter, Cigar. O. Fairless. 2,062,703; Dec. 1.
Lighter for oil burners, Electric. C. Y. Chittick. 2,062,556; Dec. 1.
Lighter heating element, Cigar. J. H. Cohen. 2,062,701; Dec. 1.
Lighting fixture. M. E. Surface. 2,062,772; Dec. 1.
Line casting and composing machine. L. M. Potts. 2,062,332; Dec. 1.
Liner, Tunnel. J. R. Freeze and A. W. Spaulding. 2,062,706; Dec. 1.
Liquid dispensing device. L. C. Smith. 2,063,002; Dec. 1.
Liquid heating device. S. A. Leronge. 2,062,721; Dec. 1.
Liquids, Apparatus for aerating. G. S. Higginson. 2,062,994–5; Dec. 1.
Liquids, Device for inspecting. M. A. Powers. 2,062,929; Dec. 1.
Liquids, Treating. W. Page and B. E. Taylor. 2,062,330; Dec. 1.
Liquids, Treating canned. W. Page and B. E. Taylor. 2,062,331; Dec. 1.
Load carrying device, Pneumatic. J. O. Heinze. 2,062,574; Dec. 1.
Lock: *See*—
Clutch lock. Permutation lock.
Door lock.
Lock switch and armored wire unit. A. W. Phelps. 2,062,928; Dec. 1.
Locomotive drifting and by-pass valve. F. Bukove. 2,062,292; Dec. 1.
Lower valve puller. R. C. Williams. 2,062,955; Dec. 1.
Lubricating apparatus. E. W. Davis. 2,062,447; Dec. 1.
Macaroni die. M. Tanzi. 2,062,338; Dec. 1.
Machine for making piping, welting, finishing strips or the like. A. W. Rockwood. 2,062,720; Dec. 1.
Machine for operating on shoe parts. C. W. Greene. 2,062,307; Dec. 1.
Machine for the electric welding of the feet of knitting machine needles. G. Fuchs and H. Späth. 2,062,647; Dec. 1.
Machine for the wet treatment of materials. Z. Sochor. 2,062,945; Dec. 1.
Magnet for small electrical machines, Permanent. H. Ruppe. 2,062,938; Dec. 1.
Magnetic separation, Apparatus for. J. H. Weis. 2,062,545; Dec. 1.
Mask, Face. F. G. Manson. 2,062,325; Dec. 1.
Mastic structures, Hardening the surface of. E. W. Scripture, Jr. 2,062,615; Dec. 1.
Materials comprised in a mixture, Method and apparatus for separating component. T. C. Williams and S. A. Shorter. 2,062,626; Dec. 1.
Materials, Improving the wetting out properties of. C. Chapman. 2,062,504; Dec. 1.
Materials, Manufacture and treatment. H. Dreyfus. 2,062,405; Dec. 1.
Message recording machine. A. D. Eitzen. 2,062,289; Dec. 1.
Metal construction, Making sheet. S. J. Block. 2,062,287; Dec. 1.
Metal, Method of and apparatus for making sheet. K. C. Gardner. 2,062,875; Dec. 1.
Metal stock, Apparatus for reducing. J. R. Coe. 2,062,559; Dec. 1.
Meter plate, Orifice. A. H. Langdon. 2,062,584; Dec. 1.
Micrometer attachment. E. G. Bauer and P. L. Angel. 2,062,961; Dec. 1.
Mining apparatus. C. F. Osgood. 2,062,659; Dec. 1.
Mining machine. C. P. Baldwin. 2,062,661; Dec. 1.
Mining machine. M. P. Holmes. 2,062,658; Dec. 1.
Mining machine. M. P. Holmes. 2,062,660; Dec. 1.
Mining machine. C. F. Osgood. 2,062,662; Dec. 1.
Mirror, Rear vision. J. Sands and H. A. Hellerud. 2,062,764; Dec. 1.
Mirrors, Framing double face pocketbook. J. H. Fox. 2,062,646; Dec. 1.
Molds for the production of chocolates, candies, and the like, Forming frame. K. A. Reiche. 2,062,608; Dec. 1.
Monoazodyestuffs, Copper and chromium containing acid. K. Wiedemann, H. Clingestein, H. Krzikalla, and W. Kuehne. 2,062,547; Dec. 1.
Morphine and related derivatives, Extraction of. G. E. Mallory. 2,062,324; Dec. 1.
Motor: *See*—
Alternating current motor.
Motor and lubricating system therefor. C. W. Mapes and Z. C. Bradford. 2,062,920; Dec. 1.
Motor cut-off and alarm, Automatic. E. H. Hilty and H. F. Umstott. 2,062,905; Dec. 1.
Mount, Ophthalmic lens. L. J. Page. 2,062,761; Dec. 1.
Mounting, Ophthalmic. J. C. Wells. 2,062,342; Dec. 1.
Mounting, Rock drill. E. G. Gartin. 2,062,991; Dec. 1.
Noncondensible gas separator. L. Buehler, Jr. 2,062,697; Dec. 1.
Nozzle for oil or other liquid. W. A. Hubbard. 2,062,362; Dec. 1.
Nozzle, Vacuum cleaner. E. Faber. 2,062,508; Dec. 1.
Nut cracking method and apparatus. A. R. Thompson. 2,062,534; Dec. 1.
Nuts and the like, Forming. W. L. Clouse. 2,062,640; Dec. 1.
Nuts and the like, Making. W. L. Clouse. 2,062,641; Dec. 1.
Oil, Cutting. L. A. Herrmann and T. G. Roehner. 2,062,652; Dec. 1.
Oil engine. F. A. Truesdell. 2,062,621; Dec. 1.
Oil from slack wax, Separating. W. D. Farr and F. B. Samuel. 2,062,356; Dec. 1.
Oil tester. J. A. Logan and L. F. Spear. 2,062,587–8; Dec. 1.
Oils, Method of dehydrating. P. B. Renfrew. 2,062,934; Dec. 1.
Oils, Purifying, insulating, and lubricating. P. B. Renfrew. 2,062,933; Dec. 1.
Oils, Refining mineral. G. J. Strezynski. 2,062,733; Dec. 1.
Oils, Treating lubricating and other. C. Ellis. 2,062,355; Dec. 1.
Oiler for cream separators, Neck bearing. W. H. Harstick. 2,062,573; Dec. 1.
Operator for roll top doors. E. H. McCloud. 2,062,593; Dec. 1.
Optical device. C. H. Matz. 2,062,468; Dec. 1.
Ornamental fabric and production. R. W. Sexton. 2,062,336; Dec. 1.
Orthodontic appliance. A. B. Brusse and J. L. Carman. 2,062,395; Dec. 1.
Overload control in radio sets, Automatic. L. F. Willging. 2,062,691; Dec. 1.
Packaging apparatus and method. C. W. Vogt. 2,062,540; Dec. 1.
Parking, Valve stem. A. C. Lindbloom. 2,062,518; Dec. 1.
Pad. L. J. Horan. 2,062,786; Dec. 1.
Pan and adjustment for corn binders, Butt. A. Kowalsky. 2,062,582; Dec. 1.
Pan, Drip. D. J. Kramer. 2,062,814; Dec. 1.

Paper, Apparatus for the manufacture of. E. A. Charlton. 2,062,445; Dec. 1.
Paper, Apparatus for the manufacture of. J. M. Murray. 2,062,471; Dec. 1.
Paper cutting apparatus. W. S. Aiken. 2,062,737; Dec. 1.
Paper machine control. G. Wünsch. 2,062,922; Dec. 1.
Paper, Making. J. Campbell. 2,062,442; Dec. 1.
Paper, Manufacture of. A. E. H. Fair. 2,062,563; Dec. 1.
Parcel bag. R. M. Lackey. 2,062,318; Dec. 1.
Partition. A. G. Dawson. 2,062,868; Dec. 1.
Pavement and making the same, Bituminous. C. M. Baskin. 2,062,348; Dec. 1.
Peel, Baker's. H. L. Schroeder. 2,062,531; Dec. 1.
Peening machine. C. Lee. 2,062,459; Dec. 1.
Pellets and controlled drying, Cohesive low density. C. W. Brooks, Jr., and C. R. Johnson. 2,062,636; Dec. 1.
Perforation cleaner and bailer. W. J. Flury. 2,062,783; Dec. 1.
Perforator, Gun type well casing. W. G. Lane. 2,062,975; Dec. 1.
Perforator, Well casing. W. G. Lane. 2,062,974; Dec. 1.
Permutation lock. E. B. Stone. 2,062,431; Dec. 1.
Petroleum products and treating same, Distillate. J. B. Rather, L. C. Beard, Jr., and O. M. Reiff. 2,062,675; Dec. 1.
Phonograph, Automatic. B. R. Carson. 2,062,396; Dec. 1.
Phosphates, Manufacture of alkyl. V. Ipatieff. 2,062,312; Dec. 1.
Picker arm for potato planters. L. H. Kaupke. 2,062,578; Dec. 1.
Picking mechanism for looms. V. H. Jennings. 2,062,717; Dec. 1.
Pinion for clocks and the like and making the same. R. H. Whitehead. 2,062,627; Dec. 1.
Pipe testing apparatus. W. R. Postelwaite. 2,062,527; Dec. 1.
Piston. J. H. Davis. 2,062,808; Dec. 1.
Piston. A. B. Norton. 2,062,625; Dec. 1.
Piston. G. D. Welty. 2,062,624; Dec. 1.
Piston ring. C. A. and M. W. Marien. 2,062,367; Dec. 1.
Piston spreader. E. B. Rothweiler. 2,062,826; Dec. 1.
Plant protector. A. Garcia. 2,062,410; Dec. 1.
Planter, Tractor. R. D. Acton. 2,062,282; Dec. 1.
Plastics, Process and compound for polishing. J. Lupo, Jr. 2,062,671; Dec. 1.
Playroom. D. M. Warren. 2,062,735; Dec. 1.
Plowshare with detachable point. T. W. Howard and A. E. Hagan. 2,062,811; Dec. 1.
Plug: *See*—
Testing plug.
Plug receiving members to metal containers, Attaching. D. W. Curtis. 2,0627,780; Dec. 1.
Point for transfer rings. S. Rojnestad. 2,062,935; Dec. 1.
Pontoon, Seaplane. L. J. White and C. W. Munn. 2,062,384; Dec. 1.
Portable pump. F. A. Smalley. 2,062,532; Dec. 1.
Pot spinning mechanism. G. Glatzel and V. Beplate. 2,062,707; Dec. 1.
Poultry house cleaner. C. M. Jepsen. 2,062,908; Dec. 1.
Power press. A. T. Yates. 2,062,692; Dec. 1.
Power transmitting mechanism. W. L. Wettlaufer. 2,062,343; Dec. 1.
Press: *See*—
Power press.
Press actuating mechanism. H. D. Forse. 2,062,745; Dec. 1.
Printing mechanism, Auxiliary. M. Garbell. 2,062,746; Dec. 1.
Products comprising derivatives of cellulose, Making. C. Dreyfus and G. Schneider. 2,062,402; Dec. 1.
Projection screen, Portable. V. Hammel. 2,062,878; Dec. 1.
Propellent exercising device. C. A. A. G. Sabaeff; 2,062,829; Dec. 1.
Prospecting, Method and apparatus for electrical. T. Zuschlag. 2,062,630; Dec. 1.
Protector: *See*—
Plant protector.
Pseudo-bufatalin, Preparing. H. Kondo, S. Ikawa, and Y. Kobayashi. 2,062,667; Dec. 1.
Puller: *See*—
Lower valve puller.
Pulley, Adjustable. M. Zimic. 2,062,629; Dec. 1.
Pump: *See*—
Portable pump.
Py-3-hydroxytetrahydrohydroxynaphthoquinolines. H. Lange and J. H. Helbe-ger. 2,062,458; Dec. 1.
Quenching machine. I. W. Sprink. 2,062,769; Dec. 1.
Race starting device. T. L. Sampsell. 2,062,939; Dec. 1.
Radiator, Convection type electric. G. M. Marr. 2,062,466; Dec. 1.
Radio antenna. W. M. Venable. 2,062,846; Dec. 1.
Radio receiver. E. L. Koch. 2,062,888; Dec. 1.
Radio receiver. McM. Silver. 2,062,379; Dec. 1.
Radio receiving set. L. H. Amdur. 2,062,632; Dec. 1.
Radio receiving system. J. van Slooten. 2,062,434; Dec. 1.
Rail heating apparatus. R. E. Frickey and A. S. Kalenborn. 2,062,569; Dec. 1.
Range of wind instruments, Increasing the. P. B. Limina. 2,062,792; Dec. 1.
Ratchet mechanism. R. E. Campbell. 2,062,805; Dec. 1.
Razor, Safety. C. A. Smith. 2,062,683; Dec. 1.
Receiver for spent shuttles. R. G. Turner. 2,062,687; Dec. 1.
Records, Gramophone. H. W. Matheson. 2,062,815; Dec. 1.
Refractory vitrified and like products during transportation, Separating and retarding relative movement of. H. Y. and A. M. Swank. 2,062,948; Dec. 1.
Refrigerant control device. J. Askin. 2,062,857; Dec. 1.
Refrigerant leaks, Method and means of detecting. A. Welland. 2,062,435; Dec. 1.
Refrigerating apparatus. M. J. Goulooze. 2,062,360; Dec. 1.
Refrigerating cabinet. J. W. Armbruster. 2,062,856; Dec. 1.
Refrigerating system. S. Ruppricht. 2,062,827; Dec. 1.
Refrigeration apparatus. W. G. Midnight. 2,062,921; Dec. 1.
Refrigerator. A. Hennig. 2,062,651; Dec. 1.
Register. J. F. Ohmer. 2,062,602; Dec. 1.
Regulator: *See*—
Sewage regulator.
Resin extrusion mix and making the same, Vinyl acetal. E. H. Haux. 2,062,750; Dec. 1.
Resin, Prepared. C. A. Thomas and W. H. Carmody. 2,062,845; Dec. 1.
Resistance unit. H. A. Triplett and A. Ramsey. 2,062,536; Dec. 1.
Resonator, Dual. A. F. Gillet. 2,062,571; Dec. 1.
Restraining device. J. Lawrence. 2,062,586; Dec. 1.
Retractable auxiliary wheel. A. Raffa. 2,062,931; Dec. 1.
Rim, Detachable. J. W. Mijnssen. 2,062,722; Dec. 1.
Ring: *See*—
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Rivet of high-grade steel. H. Buchholtz. 2,062,966; Dec. 1.
Rivets, Producing aluminum alloy. S. E. Hybinette and J. E. Tingay. 2,062,977; Dec. 1.
Rock drill. E. G. Gartin. 2,062,992; Dec. 1.
Rock drill. W. Noble. 2,062,817; Dec. 1.
Rod: *See*—
Coated welding rod. Curtain rod.
Roll. J. F. Joseph. 2,062,317; Dec. 1.
Roll paper dispenser. R. W. King. 2,062,418; Dec. 1.
Roller spinning articles of ductile material, such as rolled steel and the like, Method and apparatus for precision. W. R. Harrison. 2,062,415; Dec. 1.
Rolled section for framing in mines and supporting structure for utilizing same. H. Toussaint. 2,062,686; Dec. 1.
Rope clamp. R. Loos. 2,062,894; Dec. 1.
Rotary engine. S. J. Collum. 2,062,446; Dec. 1.
Rotary gasoline engine. A. W. Linn. 2,062,753; Dec. 1.
Rubber composition and preservation of rubber. J. R. Ingram. 2,062,885; Dec. 1.
Rubber feeding means for circular knitting machines. A. E. and F. R. Page, and H. N. Sheppard. 2,062,926; Dec. 1.
Sadiron, Self-lifting. A. F. Kipper and L. B. Tuckerman. 2,062,665; Dec. 1.
Safe, Floating. C. H. Balko. 2,062,693; Dec. 1.
Safety valve, Frangible shear type. R. W. Tryon and G. M. Booth. 2,062,381; Dec. 1.
Sand, Molding. R. E. Paine. 2,062,818; Dec. 1.
Sandal. R. B. Kenagy, Sr., and C. J. Hallaux. 2,062,909; Dec. 1.
Sanitary cover. F. J. Taylor. 2,062,949; Dec. 1.
Sash-balancing means, Window. L. E. Appleby. 2,062,775; Dec. 1.
Scaffold, Indoor portable. F. H. Norton. 2,062,473; Dec. 1.
Scavenging and supply of combustion air to two-cycle engines. E. B. Pollister. 2,062,821; Dec. 1.
Scooter, Self propelling. C. A. A. G. Sabaeff. 2,062,830; Dec. 1.
Scraper and road scraper attachment for trucks, Road. E. A. Weeks. 2,062,544; Dec. 1.
Scraping tool. R. O. Peterson. 2,062,998; Dec. 1.
Screen: *See*—
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Screen on material, Forming a. J. C. Batchelor. 2,062,858; Dec. 1.
Screen operating mechanism Half tone. W. Disque and C. E. Skelton. 2,062,401; Dec. 1.
Screw. F. K. Brown. 2,062,550; Dec. 1.
Screw and screw driver for the same. M. A. West. 2,062,383; Dec. 1.
Seal, Glass metal. H. Scott. 2,062,335; Dec. 1.
Sealing means. C. S. Gillette. 2,062,305; Dec. 1.
Seismograph. W. G. Green. 2,062,784; Dec. 1.
Selective controlling and indicating apparatus. C. S. Snavely. 2,062,839; Dec. 1.
Separator: *See*—
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Service apparatus. R. J. Norton. 2,062,600; Dec. 1.
Servicing equipment for vehicles. F. E. Wold. 2,062,549; Dec. 1.
Settling tank. J. M. Callow. 2,062,988; Dec. 1.
Sewage regulator. C. S. Brown. 2,062,390; Dec. 1.
Sewer cleaner, Turbine. S. M. Weaver and R. E. Nels. 2,062,850; Dec. 1.
Sewing machine. C. Roberts and J. M. Whelton. 2,062,797; Dec. 1.
Sewing machines, Attachment for. C. Seaman. 2,062,429; Dec. 1.
Shaft, Expansible. C. G. Lindbom. 2,062,421; Dec. 1.

Shear mechanism, Rotary turret. F. L. O. Wadsworth. 2,062,623; Dec. 1.
Sheet, Infant's. N. Z. Rosenthal. 2,062,611; Dec. 1.
Sheet rolling process and apparatus. G. P. Hansen. 2,062,309; Dec. 1.
Shoe. M. J. Bernstein. 2,062,493; Dec. 1.
Shoe and manufacture, Stitchdown. E. F. Schmidt. 2,062,530; Dec. 1.
Shoe vamps, Device for stretching the throat of. J. B. Nicoletti. 2,062,758; Dec. 1.
Shoes, Making. C. E. Roeder. 2,062,528; Dec. 1.
Shuttle binder control for looms. C. Darwin. 2,062,702; Dec. 1.
Sign: *See*—
Advertising sign.
Sign producing machine. L. L. Rustad. 2,063,006; Dec. 1.
Signal arrow and parking lamp, Fender. J. R. Haines. 2,062,993; Dec. 1.
Signal device. W. R. Curtiss. 2,063,003; Dec. 1.
Signal device. O. C. Ritz-Woller. 2,062,479; Dec. 1.
Signaling system, Selective. W. T. Powell. 2,062,822; Dec. 1.
Sink of composite character. E. S. Erickson. 2,062,809; Dec. 1.
Slack adjuster, Automatic. B. H. Browall. 2,062,497; Dec. 1.
Sled. L. W. Wargo. 2,062,953; Dec. 1.
Slicer, Roll and bun. H. J. Criner. 2,062,353; Dec. 1.
Slicing and traying machine, Baked-loaf. A. B. Tewes. 2,062,844; Dec. 1.
Slicing machine. E. C. Vollmer. 2,062,847; Dec. 1.
Slider for fasteners. R. C. Legat. 2,062,791; Dec. 1.
Sodium phosphates, Making. J. H. Coleman. 2,062,866; Dec. 1.
Soldering iron, Electric. A. O. Samuels. 2,062,940; Dec. 1.
Solvent for resins. W. Seaman. 2,062,378; Dec. 1.
Spark plug construction. A. C. Hoof. 2,062,514; Dec. 1.
Speed governing device applicable to electric traction. L. R. E. Gratzmuller. 2,062,810; Dec. 1.
Speed transmission, Variable. J. L. Hittell. 2,062,310; Dec. 1.
Speedometer, Straight scale. A. W. LeFevre. 2,062,461; Dec. 1.
Spinning centrifuges for artificial silk. W. Zinselmeyer. 2,062,980; Dec. 1.
Spraying device. C. Iddings. 2,062,787; Dec. 1.
Spring support, Flexible. G. A. Overstrom. 2,062,760; Dec. 1.
Sprinkler head for irrigation pipes. H. F. Congable. 2,062,779; Dec. 1.
Stalk gathering means for corn binders. A. Kowalsky. 2,062,581; Dec. 1.
Stand: *See*—
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Starter drive. R. J. Quigley. 2,062,726; Dec. 1.
Starter drive for internal combustion engines. Y. Sekella. 2,062,430; Dec. 1.
Steam, Apparatus for desuperheating. W. P. Chandler, Jr. 2,062,397; Dec. 1.
Steaming apparatus for permanent hair waving. F. V. Schleimer. 2,062,613; Dec. 1.
Steering mechanism. T. J. Turek. 2,062,405; Dec. 1.
Steering mechanism, Power operated. B. D. Woolley. 2,062,774; Dec. 1.
Stereoscopic effects, Obtaining. F. Louisot. 2,063,004; Dec. 1.
Stock tube support. C. A. Rich. 2,062,727; Dec. 1.
Stoker drive. W. W. Peck. 2,062,477; Dec. 1.
Stoker, Furnace. H. E. Preston. 2,062,762–3; Dec. 1.
Stone, Coloring. C. E. Cleveland. 2,062,865; Dec. 1.
Stove construction. A. J. Yeager. 2,062,855; Dec. 1.
Stove, Rotatable top. C. Ehret. 2,062,870; Dec. 1.
Strip for roadways or the like, Parting. J. H. Jacobson and E. E. Hall. 2,062,654; Dec. 1.
Strip, Manufacture of compound. R. D. Pike. 2,062,795; Dec. 1.
Strips, Method of and apparatus for making. J. F. Call. 2,062,359; Dec. 1.
Strips, Sticking of. F. Aanesen and T. Lindboe. 2,062,280; Dec. 1.
Structural element. C. A. Strand. 2,062,843; Dec. 1.
Stud. E. D. Coddington. 2,062,398; Dec. 1.
Sulphates, Manufacture of essentially dry alkali metal alkyl. C. O. Henke and W. H. Lockwood. 2,062,454; Dec. 1.
Sulpho-ethers, Preparing aliphatic. A. W. Baldwin and A. J. Hallwood. 2,062,957; Dec. 1.
Supercharging mechanism. W. S. Bowen. 2,062,859; Dec. 1.
Support: *See*—
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Stock tube support.
Suspenders. H. Schiller. 2,062,833; Dec. 1.
Swing hanger. C. C. Hamby. 2,062,902; Dec. 1.
Switch: *See*—
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Time switch.
Switch device for hydraulic accumulators, Control. W. Pirwitz. 2,062,674; Dec. 1.
Switch mechanism, Centrifugal. V. Weber. 2,062,736; Dec. 1.
Switching apparatus. M. L. Engler. 2,062,871; Dec. 1.
Syringe. S. Bergman. 2,062,285; Dec. 1.
Tailstock construction for lathes. R. K. Le Blond. 2,062,790; Dec. 1.
Tank: *See*—
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Telephone system. O. Cesareo. 2,062,444; Dec. 1.
Temperature control system. D. J. Stewart. 2,062,337; Dec. 1.
Template. D. L. Smith. 2,062,380; Dec. 1.
Terminal clip. H. Weynand. 2,062,690; Dec. 1.
Testing plug. J. W. Ljungberg. 2,062,519; Dec. 1.
Thermal treatment of aluminum alloys containing copper. J. A. Nock, Jr. 2,062,329; Dec. 1.
Thermionic tube. E. L. Koch. 2,062,889; Dec. 1.
Thermostatically operated valve. W. S. Root, Jr. 2,062,936; Dec. 1.
Tile or slab applicable for covering or protecting underground cables and the like. H. J. D. L. Walmsley. 2,062,979; Dec. 1.
Time switch. L. C. Hostetler. 2,062,715; Dec. 1.
Timer, Electronic. C. Stansbury. 2,062,616; Dec. 1.
Timing relay mechanism. E. G. Powell. 2,062,606; Dec. 1.
Tin and like container, Hermetically sealed. J. D. N. Warren. 2,062,542; Dec. 1.
Tire cover. C. W. Ryerson. 2,062,612; Dec. 1.
Tool: *See*—
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Tool and mounting, Portable power. A. W. Mall. 2,062,520; Dec. 1.
Toy, Gyrating. K. Arnold. 2,062,490; Dec. 1.
Track circuit apparatus, Railway. P. N. Martin. 2,062,521; Dec. 1.
Traffic controlling system for railroads. C. S. Bushnell. 2,062,861; Dec. 1.
Traffic controlling system for railroads, Centralized. W. D. Hailes. 2,062,710; Dec. 1.
Trailer hitch. T. H. Jacob. 2,062,788; Dec. 1.
Transformer, Regulating. G. Leischner. 2,062,719–20; Dec. 1.
Transmission, Infinitely variable. P. S. Nagy. 2,062,923; Dec. 1.
Transmission, Variable speed. L. A. Graham. 2,062,901; Dec. 1.
Tray assembly. G. W. Cramer. 2,062,807; Dec. 1.
Tray, Tank top. S. R. Davis. 2,062,742; Dec. 1.
Tremolo device. F. A. Hoschke. 2,062,515; Dec. 1.
Trimming, Shelf. M. Caplan. 2,062,499; Dec. 1.
Truck bolster for model railways. K. M. Boyd. 2,062,965; Dec. 1.
Truck, Car. J. A. Shafer. 2,062,682; Dec. 1.
Truck, Hand. J. A. Byington. 2,062,498; Dec. 1.
Trucks, Propelling mechanism for. E. J. Wilson. 2,062,385; Dec. 1.
Trunnion type clamp, Compensated. A. O. Austin. 2,062,283; Dec. 1.
Tub, Foot. C. S. Johnson. 2,062,316; Dec. 1.
Tube: *See*—
Cathode ray tube.
Thermionic tube.
Tube for dynamo-electric machines, Cooling. P. A. H. Mossay. 2,062,470; Dec. 1.
Tube forming machine. H. S. Brown. 2,062,291; Dec. 1.
Tube making machine. J. L. Ferguson. 2,062,303; Dec. 1.
Tuning indicator. F. Pagliari. 2,062,603; Dec. 1.
Valve: *See*—
Automatic backwater valve.
Locomotive drifting and by-pass valve.
Safety valve.
Thermostatically operated valve.
Valve and faucet. F. Meese. 2,062,422; Dec. 1.
Valve bag packing machine. W. N. Baker. 2,062,438; Dec. 1.
Valve control, Eccentric. H. A. Centervall. 2,062,296; Dec. 1.
Valve device, Thermostatic. W. S. Root, Jr. 2,062,937; Dec. 1.
Valve for aerating systems. J. A. Martocello. 2,062,896; Dec. 1.
Valve mechanism. H. H. Mercer. 2,062,816; Dec. 1.
Vanity case. J. Kreisler. 2,062,363; Dec. 1.
Vase. A. R. Thomas. 2,062,684; Dec. 1.
Vault hood, Grave. A. F. Beck. 2,062,492; Dec. 1.
Vehicle, Combination. D. Shreffler. 2,062,800; Dec. 1.
Vehicle control mechanism, Motor. S. Johnson, Jr. 2,062,812; Dec. 1.
Vehicle for collecting and transporting refuse. J. Ochsner. 2,062,924; Dec. 1.
Vehicle, Motor. C. R. Paton. 2,062,475; Dec. 1.
Ventilating wing. J. R. Thorp. 2,062,483; Dec. 1.
Vestibule construction for railway cars, Diaphragm. H. L. Decker. 2,062,560; Dec. 1.
Vibratory screen. J. Sahut. 2,062,529; Dec. 1.
Vise, Double jaw. N. R. Minch. 2,062,326; Dec. 1.
Vision-preserver, Motor vehicle. D. Hine. 2,062,512; Dec. 1.
Warp stop motion, Electric. R. G. Turner. 2,062,688; Dec. 1.
Washer: *See*—
Cloth washer.
Washing and grading machine. E. N. Sorensen. 2,062,946; Dec. 1.

Washing machine. J. E. W. Birr. 2,062,286; Dec. 1.
Washing machine. F. E. Krauss. 2,062,668; Dec. 1.
Waste materials, Apparatus for incinerating. P. Schroeder. 2,062,681; Dec. 1.
Watchcase. H. Kousin. 2,062,891; Dec. 1.
Watch construction. A. Bulova. 2,062,637; Dec. 1.
Water culture, System of. F. T. Lyons. 2,062,755; Dec. 1.
Watertight box connecter. P. N. Dann. 2,062,400; Dec. 1.
Weasand product and method of preparing. N. M. Adams. 2,062,489; Dec. 1.
Web supply mechanism for printing presses. A. J. Horton and W. A. Smith. 2,062,361; Dec. 1.
Weed cutter. O. C. Pierce. 2,062,820; Dec. 1.
Weed killing compositions. A. W. Ralston and C. W. Christensen. 2,062,823; Dec. 1.
Welding apparatus, Electric. H. G. Warnke. 2,062,849; Dec. 1.
Welding machine and welding. C. Lee. 2,062,460; Dec. 1.
Welt and making, Ring. P. C. Arnold. 2,062,288; Dec. 1.
Welt and making, Ring. W. C. Vizard. 2,062,339; Dec. 1.
Wheel: *See*—
Retractable auxiliary wheel.
Wheel and producing the same. R. Stefancky. 2,062,841; Dec. 1.
Wheel suspension, Independent. F. E. Clemons. 2,062,778; Dec. 1.
Wheel suspension, Vehicle. R. L. Fulton. 2,062,874; Dec. 1.
Wheels, Forming. W. H. Farr. 2,062,564; Dec. 1.
Window device. B. N. Parmenter. 2,062,524; Dec. 1.
Window, Double glazed. F. Gelstharp. 2,062,747; Dec. 1.
Wire binding machine. C. H. Chamberlain and C. P. Stannard. 2,062,698; Dec. 1.
Wire connecting sleeve. D. L. Baxter. 2,062,986; Dec. 1.
Wire drawing machine, Multiple. W. Nacken. 2,062,723; Dec. 1.
Wire forming machine. W. C. Burgess and N. Contino. 2,062,552; Dec. 1.
Wood treatment and product. J. L. Goodale. 2,062,877; Dec. 1.
Woodworking machine. R. S. Dutcher. 2,062,969; Dec. 1.
Wool, Dyeing. W. R. Moorhouse. 2,062,898; Dec. 1.
Worm gear burnishing machine and method. R. N. Brown. 2,062,696; Dec. 1.
Worm gear burnishing machine and method. J. M. Christman. 2,062,700; Dec. 1.
Writing machine. B. L. Henry. 2,062,455; Dec. 1.
Yarn feed control mechanism for full fashioned hosiery knitting machines. O. Koebberling, F. Zwicky, and J. V. Hunt. 2,062,913; Dec. 1.
Yarn feeding mechanism for straight knitting machines. M. Richter. 2,063,000; Dec. 1.
Yarn, Washing of. J. L. Bitter. 2,062,987; Dec. 1.

CLASSIFICATION OF PATENTS

ISSUED DECEMBER 1, 1936

NOTE.—First number=class, second number=subclass, third number=patent number

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12: 2,062,828
2— 70: 2,062,596
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57: 2,062,402
59: 2,062,880
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U. S. GOVERNMENT PRINTING OFFICE: 1936

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Aberfoyle Manufacturing Co., Chester, Pa. Cotton yarn. Serial No. 382,651; Dec. 8. Class 43.

Adjustable Rod & Shelf Co. (See Klaudt, Helmuth R.)

American Acceptance Council, New York, N. Y. Magazine. Serial No. 384,178; Dec. 8. Class 38.

American Fur House. (See Goldberg, Hyman.)

Angell, Albert, doing business as Glenayre Feeds, Burlington, Wis. Dog foods. Serial No. 381,744; Dec. 8. Class 46.

Armstrong Mfg. Co., The, Bridgeport, Conn. Mechanics' work stands and benches. Serial No. 382,300; Dec. 8. Class 23.

Art Brass Company, New York, N. Y. Candlesticks, candle sconces, and candelabra. Serial No. 374,074; Dec. 8. Class 34.

Art Brass Company, New York, N. Y. Holders for tumblers, tooth brushes, soap, etc., brackets, bathtub rails, etc. Serial No. 374,075; Dec. 8. Class 13.

Automobile Club of Michigan, Detroit, Mich. Periodical. Serial No. 383,909; Dec. 8. Class 38.

B. & B. Manufacturing Co., Inc., Orange, N. J. Dresses, house dresses, wash frocks, etc. Serial No. 383,974; Dec. 8. Class 39.

Bangs Products, Inc., Linden, N. J. Polish and floor wax. Serial No. 383,567; Dec. 8. Class 16.

Beer-O-Lator Equipment Corp., Newark and Irvington, N. J. Beer circulating cooler. Serial No. 382,083; Dec. 8. Class 31.

Bellsey, Dave, Company, Inc., New York, N. Y. Coats, suits, and blouses. Serial No. 382,461; Dec. 8. Class 39.

Benz, George, Sons, Inc., St. Paul, Minn. Whiskey. Serial No. 384,782; Dec. 8. Class 49.

Benzofoam Products Co., The. (See Lesser, David B.)

Bissinger, Samuel M., doing business as S. M. Bissinger Co., New York, N. Y. Hosiery. Serial No. 384,238; Dec. 8. Class 39.

Blackie, Robert G., doing business as Fermex Laboratories, Springfield, Mass. Antacid. Serial No. 380,095; Dec. 8. Class 6.

Bonaseptic Co. (See Bonn, Andrew B.)

Bonat & Bonat, Inc., New York, N. Y. Hair waving solution, hair rinse, hair tonic, etc. Serial No. 382,819; Dec. 8. Class 6.

Bonn, Andrew B., doing business as Bonaseptic Co., Fairmont, W. Va. Foot lotion. Serial No. 372,160; Dec. 8. Class 6.

Botany Worsted Mills, Passaic, N. J. Neckties. Serial No. 384,500; Dec. 8. Class 39.

Brown Brothers Company, Gainesville, Ga. Liniment. Serial No. 382,546; Dec. 8. Class 6.

Brown, Caroline, New York, N. Y. Corsets, girdles, foundation garments, etc. Serial No. 382,463; Dec. 8. Class 39.

Bulk Service Stations, Inc., Chicago, Ill. Petroleum products. Serial No. 355,827; Dec. 8. Class 15.

Calderon, Victor M., Company, Inc., New York, N. Y. Canned sardines. Serial No. 380,824; Dec. 8. Class 46.

Caledonia Woolen Mills, Clifton Heights, Pa. Cotton piece goods. Serial No. 383,254; Dec. 8. Class 42.

Cannon Mills Company, Kannapolis, N. C. Sheets and pillow cases. Serial No. 384,842; Dec. 8. Class 42.

Capewell Manufacturing Company, The, Hartford, Conn. Horse nails. Serial No. 383,052; Dec. 8. Class 13.

Capitol Paint & Varnish Works, Inc., Chicago, Ill. Paint enamel. Serial No. 384,505; Dec. 8. Class 16.

Cappello, Mario, doing business as The Effor Co., Boston, Mass. Ammonia, germicide, disinfectants, etc. Serial No. 384,127; Dec. 8. Class 6.

Citrus Club Products, Inc., Phoenix, Ariz. Beverages, and syrups for making the same. Serial No. 383,258; Dec. 8. Class 45.

Clark, Perry A., doing business as Imperial Food Products, Los Angeles, Calif. Preparation of spices, mineral salts, etc. Serial No. 382,822; Dec. 8. Class 46.

Cohn, H. C., & Co., Rochester, N. Y. Mufflers. Serial No. 378,132; Dec. 8. Class 39.

Cohn-Hall-Marx Co., New York, N. Y. Cotton, rayon, acetate, and/or silk piece goods. Serial No. 384,370; Dec. 8. Class 42.

Collins and Aikman Corporation, Philadelphia, Pa., and New York, N. Y. Textile fabrics. Serial No. 384,119; Dec. 8. Class 42.

Columbia Narrow Fabric Company, Shannock, R. I. Elastic fabrics. Serial No. 379,584; Dec. 8. Class 42.

Corning Glass Works, Corning, N. Y. Heat absorbing filter glass and ordinary window glass. Serial No. 381,022; Dec. 8. Class 33.

Coscia, Charles P., Pittsburgh, Pa. Liquid paste and liquid thread. Serial No. 381,890; Dec. 8. Class 5.

D'Alpern, Eve, Pittsburgh, Pa. Face powder, toilet waters, lotions, etc. Serial No. 369,444; Dec. 8. Class 6.

Defiance Pressed Steel Company, The, Defiance, Ohio. Hot water heaters for automobiles. Serial No. 383,573; Dec. 8. Class 19.

De Vilbiss, Lydia A., Miami, Fla. Vaginal antiseptic. Serial No. 384,201; Dec. 8. Class 6.

Ditto, Incorporated, Chicago, Ill. Lubricating oil and grease. Serial No. 367,187; Dec. 8. Class 15.

Drapery Hardware Co., Ltd., Los Angeles, Calif. Drapery hardware, wrought iron drapery fixtures, brass drapery fixtures, etc. Serial No. 381,478; Dec. 8. Class 13.

Du Pont, E. I., de Nemours and Company, Wilmington, Del. Wax polish. Serial No. 383,414; Dec. 8. Class 16.

Eastern Color Printing Company, Waterbury, Conn. Booklet publications. Serial No. 377,381; Dec. 8. Class 38.

Easy Washing Machine Corporation, Syracuse, N. Y. Laundry washing machines. Serial No. 384,319; Dec. 8. Class 24.

Effor Co., The. (See Cappello, Mario.)

Ennis, John, Inc., Brooklyn, N. Y. Boots and shoes. Serial No. 383,010; Dec. 8. Class 39.

Extruded Metal Products Co., The, Bridgeport, Ohio. Bronze castings. Serial No. 383,921; Dec. 8. Class 14.

Eye-Delight-Advertiser, Brooklyn, N. Y. Electrical advertising devices. Serial No. 372,407; Dec. 8. Class 21.

Fairbanks, Morse & Co., Chicago, Ill. Refrigerators. Serial No. 384,583; Dec. 8. Class 31.

Farmview Stores Company, The, Cleveland, Ohio. Eggs. Serial No. 383,055; Dec. 8. Class 46.

Federated Metals Corporation, New York, N. Y. Copper. Serial No. 384,847; Dec. 8. Class 14.

Feinberg, Solomon, New York, N. Y. Hosiery. Serial No. 383,804; Dec. 8. Class 39.

Fermex Laboratories. (See Blackie, Robert G.)

Fidalgo Island Packing Company, Seattle, Wash. Canned salmon. Serial Nos. 367,788–9; Dec. 8. Class 46.

Fischer, Carl, Musical Instrument Co. Inc., New York, N. Y. Harmonicas. Serial No. 382,211; Dec. 8. Class 36.

"5" Spot Short Range Gun Clubs of America, The, Toledo, Ohio. Target cards for short range shooting. Serial No. 380,628; Dec. 8. Class 22.

Flint Hill Brewing Company, Flint, Mich. Beer. Serial No. 377,922; Dec. 8. Class 48.

Foster, Lindsay B., Chicago, Ill. Coffee liqueur. Serial No. 382,141; Dec. 8. Class 49.

Gelbman, Joseph, doing business as Quick J Laboratories Co., Pittsburgh, Pa. Ointment. Serial No. 370,411; Dec. 8. Class 6.

Gelles, Charles S., Boston, Mass. Neckties and mufflers. Serial No. 384,290; Dec. 8. Class 39.

General Bandages, Inc., Chicago, Ill. Self-adhering gauze bandages. Serial No. 383,731; Dec. 8. Class 44.

General Shoe Corporation, Nashville, Tenn. Shoes. Serial No. 383,127; Dec. 8. Class 39.

Glenayre Feeds. (See Angell, Albert.)

Goldberg, Hyman, doing business as American Fur House, New York, N. Y. Women's fur coats. Serial No. 376,902; Dec. 8. Class 39.

Goldenberg, Jacob, Chicago, Ill. Writing paper, envelopes, and blank invoices. Serial No. 382,912; Dec. 8. Class 37.

Goldsmith, P., Sons Company, The, Cincinnati, Ohio. Baseballs. Serial No. 382,827; Dec. 8. Class 22.

Goldstein & Levin, Philadelphia, Pa. Dresses. Serial No. 384,529; Dec. 8. Class 39.

Grant, Dana H., New York, N. Y. Dresses, coats, and lingerie. Serial No. 384,530; Dec. 8. Class 39.

Greene, Edward, New York, N. Y. Abdominal belts, reducing belts, reducing corsets, etc. Serial No. 382,053; Dec. 8. Class 44.

Gross, A., Candle Co. Inc., Baltimore, Md. Sanctuary lamps. Serial No. 382,155; Dec. 8. Class 34.

Gross, A., Candle Company, Inc., Baltimore, Md. Candles, votive, sanctuary, and tabernacle lights. Serial No. 383,735; Dec. 8. Class 15.

Grossman, Harry G., New York, N. Y. Baseball game. Serial No. 384,080; Dec. 8. Class 22.

Gude's, Los Angeles, Calif. Hosiery. Serial No. 384,252; Dec. 8. Class 39.

Hart, Schaffner & Marx, Chicago, Ill. Suits, coats, overcoats, etc. Serial No. 384,378; Dec. 8. Class 39.

Hearst Magazines, Inc., New York, N. Y. Magazine section. Serial No. 375,051; Dec. 8. Class 38.

Henkell & Co., Wiesbaden-Biebrich, Germany. Sparkling wines. Serial Nos. 380,399–400; Dec. 8. Class 47.

Hercules Powder Company. (See Paper Makers Chemical Corporation, assignor.)

Homan Shoe Co., Inc., Philadelphia, Pa. Ladies' shoes. Serial No. 384,212; Dec. 8. Class 39.

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Hordel Company, Inc., New York, N. Y. Urinal and toilet bowl cleansers. Serial No. 384,466; Dec. 8. Class 4.

Houbigant, Inc., New York, N. Y. Perfume, toilet water, skin lotion, etc. Serial Nos. 383,060–1; Dec. 8. Class 6.

Houghton, E. F., & Co., Philadelphia, Pa. Pickling compounds. Serial No. 384,000; Dec. 8. Class 6.

Houghton, E. F., & Co., Philadelphia, Pa. Carburizers used in the treatment of steel. Serial No. 384,001; Dec. 8. Class 6.

Hughes, Charles P., Chicago, Ill. Creams, lotions, perfumes, etc. Serial No. 383,623; Dec. 8. Class 6.

Igoe, James T., Publishers, Inc., Chicago, Ill. Periodical publication. Serial No. 378,255; Dec. 8. Class 38.

Illinois Meat Company, doing business as Sterling Packing Co., Chicago, Ill. Canned food for dogs, etc. Serial No. 382,595; Dec. 8. Class 46.

Imperial Food Products. (See Clark, Perry A.)

Industrial Abrasives, Incorporated, Chicago, Ill. Abrading elements. Serial No. 384,421; Dec. 8. Class 4.

International Silver Company, Meriden, Conn. Flatware, hollow-ware, and cutlery. Serial No. 383,928; Dec. 8. Class 28.

Jacob, Edward H., Jr., West Chester, Pa. Sauce. Serial No. 383,702; Dec. 8. Class 46.

Jock Shoes Limited, London, England. Boots, shoes, sandals, and slippers. Serial No. 382,140; Dec. 8. Class 39.

Johnson-Stephens & Shinkle Shoe Company, St. Louis, Mo. Shoes. Serial No. 379,301; Dec. 8. Class 39.

Kaplan, Louis, Incorporated, New York, N. Y. Coats, suits, pants, etc. Serial No. 384,037; Dec. 8. Class 39.

Kauffmann Bros. & Bondy, Inc., West New York, N. J. Pipes. Serial No. 384,126; Dec. 8. Class 8.

Keene Washing Products Co., Keene, N. H. Household cleanser. Serial No. 380,287; Dec. 8. Class 4.

Kemp, W. H., Co., New York, N. Y. Aluminum paint. Serial No. 384,709; Dec. 8. Class 16.

Kennelly, Jermiah D., Oak Park, Ill. Electric headlight and signal lamps. Serial No. 374,413; Dec. 8. Class 21.

Klaso Garment Co., Inc., St. Louis, Mo. Dresses. Serial No. 384,536; Dec. 8. Class 39.

Klaudt, Helmuth R., doing business as Adjustable Rod & Shelf Co., Chicago, Ill. Metallic rods. Serial No. 383,743; Dec. 8. Class 13.

Kole, Lessing L., doing business as Kolmar Laboratories, Milwaukee, Wis. Rouge, lipsticks, loose powder, etc. Serial No. 382,315; Dec. 8. Class 6.

Kolmar Laboratories. (See Kole, Lessing L.)

Krajowa Fabryka Konserw "Kaefka" Spolka, Warsaw, Poland. Sprats. Serial No. 372,842; Dec. 8. Class 46.

Kraus Bros. & Co. Inc., New York, N. Y. Whiskey. Serial No. 384,379; Dec. 8. Class 49.

Lampl Sportswear Manufacturing Company, The, Cleveland, Ohio. Piece goods. Serial Nos. 381,112–3; Dec. 8. Class 42.

Lelong, Lucien, Inc., Chicago, Ill. Perfume. Serial No. 383,931; Dec. 8. Class 6.

Lesser, David R., doing business as The Benzofoam Products Co., Chicago, Ill. Dry cleaning soap. Serial No. 384,540; Dec. 8. Class 4.

Levy, Blum & Goldschmidt Corp., New York, N. Y. Ladies' and misses' coats and suits. Serial No. 383,811; Dec. 8. Class 39.

Lincolnwood Manufacturing Co. (See McMillen, Albert C.)

Linde Air Products Company, The, New York, N. Y. Machines for the elimination of defects in the surfaces of metal bodies. Serial No. 377,226; Dec. 8. Class 23.

Ljungqvist, Axel O., Fornasa, Sweden. Cereal products. Serial No. 378,443; Dec. 8. Class 46.

M and M Wood Working Company, Portland, Oreg. Lumber and wood products. Serial No. 383,843; Dec. 8. Class 12.

M and M Wood Working Company, Portland, Oreg. Plywood. Serial Nos. 383,844–6; Dec. 8. Class 12.

Mabex Co., The, Philadelphia, Pa. Insecticides. Serial No. 383,889; Dec. 8. Class 6.

MacFarland, Hays, and Company, doing business as Togo, Chicago, Ill. Preparation for the treatment of athlete's foot. Serial No. 383,884; Dec. 8. Class 6.

Macy, R. H., & Co., Inc., New York, N. Y. Men's shoes. Serial No. 383,890; Dec. 8. Class 39.

Makransky, S., & Sons, Philadelphia, Pa. Dress trousers and slacks. Serial No. 384,385; Dec. 8. Class 39.

Makransky, S., & Sons, Philadelphia, Pa. Suits, coats, vests, etc. Serial No. 384,543; Dec. 8. Class 39.

Marchant Calculating Machine Company, Oakland, Calif. Calculating machines. Serial No. 382,614; Dec. 8. Class 26.

Martin, Glenn L., Company, The, Baltimore and Middle River, Md. Airplanes. Serial No. 379,004; Dec. 8. Class 19.

McMillan, Albert C., doing business as Lincolnwood Manufacturing Co., Chicago, Ill. Brushes. Serial No. 384,147; Dec. 8. Class 29.

Miller Corsets, Inc., Canandaigua, N. Y. Corsets, girdles, and corset-brassière combinations. Serial No. 378,219; Dec. 8. Class 39.

Miller Manufacturing Co., Hicksville, Ohio. Hand operated tools. Serial No. 383,217; Dec. 8. Class 23.

Mitchell & Weber, Inc., New York, N. Y. Blouses. Serial No. 384,296; Dec. 8. Class 39.

Mitsubishi Shoji Kaisha, Ltd., Marunouchi, Tokyo, Japan, New York, N. Y., San Francisco, Calif., and Seattle, Wash. Canned fish, fruits, and vegetables. Serial No. 382,388; Dec. 8. Class 46.

Mulford Colloid Laboratories, Philadelphia, Pa. Solution of certain metallic colloids. Serial No. 383,402; Dec. 8. Class 6.

N & B Laboratories. (See Ney, Ronald E.)

Narrow Fabric Company, The, West Reading, Reading, Pa. Shoulder straps. Serial No. 381,464; Dec. 8. Class 40.

National Cellulose Corporation, New York, N. Y. Rubber lined containers. Serial No. 383,893; Dec. 8. Class 2.

National Food Products Co., New Orleans, La. Alimentary paste. Serial No. 384,046; Dec. 8. Class 46.

National Mineral Company, Chicago, Ill. Heat insulating pads used in permanent waving. Serial No. 376,486; Dec. 8. Class 44.

Netzel, E. G., Los Angeles, Calif. Anti-acid, carminative, digestant, and laxative. Serial No. 384,007; Dec. 8. Class 6.

New England Coke Company, Boston, Mass. Check draft and primary draft dampers for boilers and furnaces. Serial No. 382,230; Dec. 8. Class 34.

Ney, Ronald E., doing business as N & B Laboratories, Harrisonburg, Va. Preparation for relief of athlete's foot. Serial No. 383,850; Dec. 8. Class 6.

Niagara Blower Company, Buffalo and New York, N. Y. Condensers. Serial No. 378,323; Dec. 8. Class 34.

Nobs Dehydrating Corporation, Los Angeles, Calif. Chemical. Serial No. 381,775; Dec. 8. Class 6.

Northern Jobbing Company, St. Paul, Minn. Hosiery, sweaters, hoods, etc. Serial No. 382,275; Dec. 8. Class 39.

Nu-Way Shoe Company, New York, N. Y. Shoes. Serial No. 369,822; Dec. 8. Class 39.

Ohlen-Bishop Company, The, Columbus, Ohio. Saws. Serial No. 384,266; Dec. 8. Class 23.

Old Reliable Laboratories, Incorporated, Ashland, Ky. Preparation for the relief of athlete's foot and common fungus skin infections. Serial No. 384,048; Dec. 8. Class 6.

Pacific Distillers, Inc., Culver City, Calif. Gin. Serial No. 384,434; Dec. 8. Class 49.

Pan-Dent Laboratories. (See Syl-May Drugs Co.)

Paper Makers Chemical Corporation, assignor to Hercules Powder Company, Wilmington, Del. Compound of chloramine-T and sodium bicarbonate. Serial No. 383,779; Dec. 8. Class 6.

Parker, Mary A., Upper Darby, Pa. Game. Serial No. 384,931; Dec. 8. Class 22.

Parker Pen Company, The, Janesville, Wis. Fountain pens, mechanical pencils, and desk sets. Serial No. 383,179; Dec. 8. Class 37.

Patons & Baldwins, Limited, Halifax, England. Yarns of wool, worsted, or hair. Serial No. 382,232; Dec. 8. Class 43.

Patterson, Ralph J., doing business as R. J. Patterson Co., Des Moines, Iowa. Hair oil and dandruff remover. Serial No. 382,520; Dec. 8. Class 6.

Pearson Candy Company, Minneapolis, Minn. Confectionery product. Serial No. 366,685; Dec. 8. Class 46.

Pendergast, T. J., Wholesale Liquor Co., Inc., Kansas City, Mo. Whiskey, gin, rum, etc. Serial No. 383,479; Dec. 8. Class 49.

Pinto-Merwin, Inc., New York, N. Y. Clothing. Serial No. 382,319; Dec. 8. Class 39.

Poole, Irvine, Seattle, Wash. Preparation for the hair. Serial No. 384,011; Dec. 8. Class 6.

Porsin, Henri A. E., Paris, France. Preparation used in the treatment of rheumatism, sciatica, etc. Serial No. 381,810; Dec. 8. Class 6.

Poutays, J., Bordeaux, France. Insecticides or vermin killer. Serial No. 382,806; Dec. 8. Class 6.

Prepac Corporation, New York, N. Y. Mouth wash. Serial No. 372,746; Dec. 8. Class 6.

Prim-Era Hosiery Mills, Inc., Chester, Ill. Hosiery. Serial No. 384,390; Dec. 8. Class 39.

Pure Oil Company, The, Chicago, Ill. Automobile polish with cleaning properties, and touch-up enamel. Serial No. 372,996; Dec. 8. Class 16.

Quick J Laboratories Co. (See Gelbman, Joseph.)

Rare Chemicals, Inc., Nepera Park, N. Y. Pneumococcic organisms. Serial No. 302,788; Dec. 8. Class 6.

Rebold, Rudolph, New York, N. Y. Insecticides, fungicides, germicides, etc. Serial No. 383,226; Dec. 8. Class 6.

Rebold, Rudolph, New York, N. Y. Gauze, bandages, and absorbent cotton. Serial No. 383,227; Dec. 8. Class 44.

Remington Rand Inc., Buffalo, N. Y. Typewriter ribbons. Serial No. 384,299; Dec. 8. Class 11.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Reynolds Preserving Company, The, Sturgeon Bay, Wis. Canned cherry juice. Serial No. 381,220; Dec. 8. Class 46.

Richter, F. Ad., & Co. Inc., Brooklyn, N. Y. Hemorrhoidal suppositories and ointment. Serial No. 384,336; Dec. 8. Class 6.

Robinson, J. C., Seed Co., The, Waterloo, Nebr. Seeds. Serial No. 382,604; Dec. 8. Class 1.

Robinson, Mrs. James S., doing business as James S. Robinson, Apothecary, Memphis, Tenn. Medicinal preparation. Serial No. 383,943; Dec. 8. Class 6.

Rogers, Charles, doing business as Rogers Drug Company, Astoria, N. Y. Preparation for the relief of coughs. Serial No. 376,735; Dec. 8. Class 6.

Rohan Company, Inc., The, Garden City, N. Y. Composition construction and building material. Serial No. 382,525; Dec. 8. Class 12.

Russell, Isaiah D., doing business as I. D. Russell Company, Kansas City, Mo. Poultry medicines. Serial No. 382,617; Dec. 8. Class 6.

Salzman & Klinger, Inc., New York, N. Y. Netting. Serial No. 383,945; Dec. 8. Class 42.

Santa Paula Orange Assn., Santa Paula, Calif. Fresh citrus fruits. Serial No. 383,948; Dec. 8. Class 46.

Schaefer, F. & M., Brewing Co., The, Brooklyn, N. Y. Beer. Serial No. 383,196; Dec. 8. Class 48.

Schenley Distributors, Inc., New York, N. Y. Whiskey, gin, rum, etc. Serial No. 384,869; Dec. 8. Class 49.

Schlueterberg, Wm.-T. J. Kurdle Co., The, Baltimore, Md. Dog food. Serial No. 384,101; Dec. 8. Class 46.

Scobell Chemical Company, Rochester, N. Y. Aluminum oxide. Serial No. 381,138; Dec. 8. Class 6.

Sears, Roebuck and Co., Chicago, Ill. Men's bathrobes and lounging robes. Serial No. 383,952; Dec. 8. Class 39.

Sears, Roebuck and Co., Chicago, Ill. Boys' clothing. Serial No. 384,440; Dec. 8. Class 39.

Seminole Drug Company, Lebanon, Pa. Medicinal preparation. Serial No. 384,219; Dec. 8. Class 6.

Shear Coffee Company of Texas, The, Waco, Tex. Coffee, tea. Serial No. 380,411; Dec. 8. Class 46.

Sheet Polarizer Company, Inc., Union City, N. J. Composite material adapted to be used in connection with optical devices. Serial No. 384,338; Dec. 8. Class 26.

Sichel, H., & Sons Limited, Adelphi, London, England. Wines. Serial No. 382,892; Dec. 8. Class 47.

Skol Products Co. Inc., now by change of name Skol Company, Inc., Mount Kisco, N. Y. Antiseptic and germicide. Serial No. 384,054; Dec. 8. Class 6.

Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Refined petroleum oil. Serial No. 383,654; Dec. 8. Class 15.

Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricating oils. Serial Nos. 384,102–3; Dec. 8. Class 15.

Solomon Bros., New York, N. Y. Dressed poultry. Serial Nos. 383,958–9; Dec. 8. Class 46.

Somerset Shoe Co., Auburn, Maine. Shoes. Serial No. 383,691; Dec. 8. Class 39.

Southern Brewing Company, Inc., Houston, Tex. Beer. Serial No. 383,036; Dec. 8. Class 48.

Spicer and Company, Glendale, Calif. Preparation for the treatment of boils and other staphylococcis infections. Serial No. 384,142; Dec. 8. Class 6.

Stanis. (See Stanley, Sinclair G.)

Stanley, Sinclair G., doing business as Stanis, Chicago, Ill. Herb tea. Serial No. 382,680; Dec. 8. Class 6.

Sterling Packing Co. (See Illinois Meat Company.)

Style Garment Company, Inc., Los Angeles, Calif. Dresses, cloaks, coats, and suits. Serial No. 383,038; Dec. 8. Class 39.

Swan, Robert W., Jr., Rockaway Beach, N. Y. Educational word forming publications. Serial No. 383,901; Dec. 8. Class 38.

Syl-May Drugs Co., doing business as Pan-Dent Laboratories, Stamford, Conn. Magnesia tablets, papain and bile salts, antiseptic, etc. Serial No. 379,856; Dec. 8. Class 6.

Texas Harvest Hat Company, Laredo, Tex. Hats. Serial No. 384,223; Dec. 8. Class 39.

Thallon, John & Co. Inc., New York, N. Y. Canned hams. Serial No. 382,246; Dec. 8. Class 46.

Togo. (See MacFarland, Hays, and Company.)

Triangle Electric Co., Chicago, Ill. Washing machines. Serial No. 380,806; Dec. 8. Class 24.

Troutman Shirt Company, Inc., Troutman, N. C. Shirts. Serial No. 383,553; Dec. 8. Class 39.

Tru-Test Brokerage Corporation, Chicago, Ill. Checkers, golf bags, fishing reels, etc. Serial No. 384,483; Dec. 8. Class 22.

Tru-Test Brokerage Corporation, Chicago, Ill. Padlocks. Serial No. 384,484; Dec. 8. Class 25.

Tru-Test Brokerage Corporation, Chicago, Ill. Varnish brushes, spoke brushes, whisk-brooms, and dusting mitts. Serial No. 384,485; Dec. 8. Class 29.

Turnmilling Corporation, Jackson, Mich. Milling machines. Serial No. 383,241; Dec. 8. Class 23.

Vassar Company, Chicago, Ill. Underwear, bandeaus, girdles, etc. Serial No. 383,148; Dec. 8. Class 39.

Waltham Bag & Paper Company, Waltham, Mass. Paper bags, paper boxes, and paper containers. Serial No. 384,605; Dec. 8. Class 2.

Weidlich, Bros. M'f'g Co., The, Bridgeport, Conn. Sterling silver flatware, hollowware, etc. Serial No. 379,776; Dec. 8. Class 28.

Wellington Sears Company, Boston, Mass. Cotton piece goods. Serial No. 384,347; Dec. 8. Class 42.

Westhaver, James A., Malden, Mass. Non-ferrous alloys. Serial No. 384,224; Dec. 8. Class 14.

West Indies Rum Distilleries Inc., Ponce and Playa Ponce, P. R. Rum. Serial No. 379,926; Dec. 8. Class 49.

Wheeling Corrugating Company, Wheeling, W. Va. Dry measures. Serial Nos. 383,757–8; Dec. 8. Class 26.

White, H. Kirk, & Co., Oconomowoc, Wis. Glass cleanser. Serial No. 384,488; Dec. 8. Class 4.

White, Keeling (Rum) Limited, London, England. Rum. Serial No. 384,225; Dec. 8. Class 49.

Zinsser & Company, Inc., Hastings-on-Hudson, N. Y. Chemical product. Serial No. 374,993; Dec. 8. Class 6.

Winter Weiss Co., The, Denver, Colo. Trailers. Serial No. 382,297; Dec. 8. Class 19.

Ybry, Inc., Wilmington, Del., and New York, N. Y. Perfumes and lotions. Serial No. 383,831; Dec. 8. Class 6.

Zest Company, The, Somerville, Mass. Bottled and canned lime juice. Serial No. 384,358; Dec. 8. Class 45.

LIST OF REGISTRANTS OF TRADE-MARKS

Aikment Company, The. (See Grove, Orville A.)

Ajax Metal Company, The, Philadelphia, Pa. Ingots, castings consisting of engine-castings not finished, machine bearings, and Babbitt metal. 114,668; renewed Jan. 2. 1937.

Ajax Metal Company, The, Philadelphia, Pa. Copper base metal alloys. 114,669; renewed Jan. 2, 1937.

Ajax Metal Company, The, Philadelphia, Pa. Babbitt metal. 114,670; renewed Jan. 2, 1937.

Allied Kid Company, Boston, Mass. Finished leathers. 341,401; Dec. 8; Serial No. 380,254; published Sept. 29, 1936. Class 1.

Alt, Wm., doing business as Star Novelty Utilities, Chicago, Ill. Razor blades. 341,489; Dec. 8; Serial No. 381,549; published Sept. 29, 1936. Class 23.

Amalgamated Leather Companies, Inc., Wilmington, Del. Leather. 341,420; Dec. 8; Serial No. 380,691; published Sept. 29, 1936. Class 1.

American Automobile Association, Incorporated, Washington, D. C. Typewriter ribbons and carbon paper. 341,529; Dec. 8; Serial No. 382,025; published Sept. 29, 1936. Class 11.

American Automobile Association, Incorporated, Washington, D. C. Portfolios, pocketbooks, and card cases. 341,530; Dec. 8; Serial No. 382,027; published Sept. 29, 1936. Class 3.

American Laundry Machinery Company, The, Norwood Station, Cincinatti, Ohio. Centrifugal extractors. 341,386; Dec. 8; Serial No. 379,409; published Sept. 29, 1936. Class 24.

Arkansas City Flour Mills Co., The, Arkansas City, Kans. Wheat flour. 341,424; Dec. 8; Serial No. 380,898; published Sept. 29, 1936. Class 46.

Arlington Chemical Company, The, Yonkers, N. Y. Compound to be used for the relief of symptoms derived from hay fever and asthma. 341,510; Dec. 8; Serial No. 381,797; published Sept. 29, 1936. Class 6.

Asbestos Manufacturing Company, Huntington, Ind. Brake lining sets. 341,326; Dec. 8; Serial No. 363,545; published Sept. 29, 1936. Class 35.

Austernal Laboratories, Inc., New York, N. Y., and Chicago, Ill. Dentures and denture parts. 341,500; Dec. 8; Serial No. 381,652; published Sept. 29, 1936. Class 44.

Austin, Nichols & Co., Inc., Brooklyn and New York, N. Y., assignor to Austin, Nichols & Co., Inc., Brooklyn, N. Y. Paprika. 114,678; renewed Jan. 2, 1937.

Austin, Nichols & Co., Inc., Brooklyn and New York, N. Y., assignor to Austin, Nichols & Co., Inc., Brooklyn, N. Y. Grape-juice and apple nectar. 114,859; renewed Jan. 9, 1937.

Bailey Meter Company, Cleveland, Ohio. Regulating and control apparatus. 341,384; Dec. 8; Serial No. 379,286; published Sept. 29, 1936. Class 26.

Ballantine, George, & Son, Limited, Glasgow, Scotland. Whisky. 341,330; Dec. 8; Serial No. 366,547; published Oct. 1, 1935. Class 49.
Barclay, Jas., & Co., Limited, Detroit, Mich. Whiskey. 341,538; Dec. 8; Serial No. 382,585; published Sept. 29, 1936. Class 49.
Barker Bros., Incorporated, Los Angeles, Calif. Furniture. 341,549; Dec. 8. Class 32.
Baumert, F. X., & Co., Inc., New York, N. Y. Cheese food compound. 341,357; Dec. 8; Serial No. 375,197; published Sept. 29, 1936. Class 46.
Beau Lon Products Co., Dayton, Ohio. Games. 341,524; Dec. 8; Serial No. 381,959; published Sept. 29, 1936 Class 22.
Bensol Chemical Co., Brooklyn, N. Y. Medical preparation. 341,387; Dec. 8; Serial No. 379,417; published Sept. 29, 1936. Class 6.
Bischoff, Ernst, Co. Inc., New York, N. Y. Medical ointment used for infections of the skin. 341,497; Dec. 8; Serial No. 381,620; published Sept. 29, 1936. Class 6.
Bloomingdale Bros., Inc., New York, N. Y. Pearl bead Necklaces. 341,373; Dec. 8; Serial No. 378,177; published Sept. 8, 1936. Class 28.
Blumenthal, Sidney, & Co. Inc., New York, N. Y. Mohair pile fabrics in the piece. 341,460; Dec. 8; Serial No. 381,352; published Sept. 29, 1936. Class 42.
Bondall Company, The, St. Louis, Mo. Brake linings and clutch facing. 341,352; Dec. 8; Serial No. 372,954; published Sept. 29, 1936.
BoniFacial, Inc., Bogalusa, La. Face powder, face creams, rouge, etc. 341,370; Dec 8; Serial No. 377,617; published Sept. 29, 1936. Class 6.
Bradley Knitting Company, Delavan, Wis. Ski or snow suits, sweaters, and cloaks. 341,353; Dec. 8; Serial No. 373,557; published Sept. 29, 1936. Class 39.
Brown-Wales Company, Boston, Mass. Paste cleansing compound. 113,557; renewed Oct. 24, 1936.
Buffalo Flour Mills Corporation. (See Commander-Larabee Milling Company.)
Burton-Dixie Corporation, Chicago, Ill. Bed springs. 341,329; Dec. 8; Serial No. 365,983; published Oct. 1, 1935. Class 32.
Capital City Dairy Co., by change of name to The Capital City Products Company, Columbus, Ohio. Oleomargarin. 113,225; renewed Oct. 10, 1936.
Chase Brass & Copper Co. Incorporated. (See Less, Joseph.)
Chattanooga Bakery. (See Mountain City Mill Co.)
Cinaudagraph Corporation, Stamford, Conn. Combination apparatus for synchronous recording and reproduction of sound and light effects known as soundmovies, and sensitized films and parts thereof. 341,393; Dec. 8; Serial No. 379,786; published Sept. 29, 1936. Class 26.
Cincinnati Milling Machine Company, The, Cincinnati, Ohio. Machine tools. 341,429–30; Dec. 8; Serial Nos. 381,020–1; published Sept. 29, 1936. Class 23.
Cleveland Welding Company, The, Cleveland, Ohio. Bicycles. 341,490; Dec. 8; Serial No. 381,558; published Sept. 29, 1936. Class 19.
Clifford & Company, Battle Creek, Mich. Electric display, identification and advertising signs. 341,442; Dec. 8; Serial No. 381,259; published Sept. 29, 1936. Class 21.
Coastal Produce Association, Charleston, S. C. Fresh vegetables. 341,356; Dec. 8; Serial No. 375,125; published Sept. 29, 1936. Class 46.
Cohen Bros. Corp., doing business as Smartsport, New York, N. Y. Dresses and blouses. 341,410; Dec. 8; Serial No. 380,551; published Sept. 29, 1936. Class 39.
Cohn-Hall-Marx Co., New York, N. Y. Cotton, rayon, acetate, and/or silk piece goods. 341,532; Dec. 8; Serial No. 382,115; published Sept. 29, 1936. Class 42.
Colgate-Palmolive-Peet Company, Jersey City, N. J. Tooth brushes. 341,457; Dec. 8; Serial No. 382,344; published Sept. 29, 1936. Class 29.
Collingbourne Mills, Inc., Elgin, Ill. Bathing suit bags, glove bags, hat covers, etc. 341,505; Dec. 8; Serial No. 381,710; published Sept. 29, 1936. Class 2.
Columbia Plush & Puff Co., Inc., Brooklyn, N. Y. Slide fasteners. 341,374; Dec. 8; Serial No. 378,612; published Sept. 29, 1936. Class 13.
Commander-Larabee Milling Company, doing business as Buffalo Flour Mills Corporation, Buffalo, N. Y. Wheat flour. 341,501; Dec. 8; Serial No. 381,661; published Sept. 29, 1936. Class 46.
Conrad Razor Blade Co. Inc., Long Island City, N. Y. Razors and razor blades. 341,511; Dec. 8; Serial No. 381,799; published Sept. 29, 1936. Class 23.
Continental Pure Products Co. (See Polefsky, Jacob S.)
Cosmetic Club, Ltd., The, New York, N. Y. Cleansing cream. 341,502; Dec. 8; Serial No. 381,664; published Sept. 29, 1936. Class 6.
Cross Engineering Company, Kansas City, Mo. Oil well drilling muds, suspensions and emulsions. 341,419; Dec. 8; Serial No. 380,688; published Sept. 29, 1936. Class 1.
Cummings, Walter J. (See Grinnell Washing Machine Company, assignor.)
Danita Hosiery Mills, Philadelphia, Pa. Hose and half-hose. 341,433; Dec. 8; Serial No. 381,122; published Sept. 15, 1936. Class 39.
Department Sales Company. (See Less, Joseph.)
De Roos-Sternheim Company, Incorporated, The, Chicago, Ill. Permanent waving lotion and finger-wave lotion. 341,541; Dec. 8. Class 6.
Dewel and Almy Chemical Company, Cambridge, Mass. Chemicals used as dispersing agents. 341,496; Dec. 8; Serial No. 381,608; published Sept. 29, 1936. Class 6.
Dewey and Almy Chemical Company, Cambridge, Mass. Chemicals used as dispersing agents. 341,503; Dec. 8; Serial No. 381,665; published Sept. 29, 1936. Class 6.
Doco Grain Co. (See Doughnut Corporation of America.)
Doppelt, Charles, & Co., Chicago, Ill. Utility bags. 341,470; Dec. 8; Serial No. 381,405; published Sept. 29, 1936. Class 3.
Double Duty Products, Inc., Cleveland, Ohio. Dispensing caps or tops for receptacles. 341,434; Dec. 8; Serial No. 381,124; published Sept. 29, 1936. Class 50.
Doughnut Corporation of America, doing business as Doco Grain Co., Ellicott City, Md. Ready prepared flour mixture. 341,544; Dec. 8. Class 46.
Easy Washing Machine Corporation, Syracuse, N. Y. Agitators for laundry washing machines. 341,354; Dec. 8; Serial No. 374,746; published Mar. 24, 1936. Class 24.
Electric Hose and Rubber Company, Wilmington, Del. Rubber hose. 341,394–6; Dec. 8; Serial Nos. 379,949–51; published Sept. 29, 1936. Class 35.
Enro Shirt Co., Inc., Louisville, Ky. Collars, negligee and dress shirts, and pajamas for men. 341,405; Dec. 8; Serial No. 380,445; published Sept. 29, 1936. Class 39.
Erie Resistor Corporation, Erie, Pa. Moldings of plastic composition material. 341,380; Dec. 8; Serial No. 378,986; published Sept. 29, 1936. Class 1.
Excello Fabrics, Inc., New York, N. Y. Piece goods made of silk and/or artificial silk. 341,531; Dec. 8; Serial No. 382,091; published Sept. 29, 1936. Class 42.
Federal Razor Blade Company, The, Newark, N. J. Razor blades. 341,516; Dec. 8; Serial No. 381,866; published Sept. 29, 1936. Class 23.
Fidelity Cotton Oil Company, to Fidelity Products Company, Houston, Tex, successor. Peanut oil. 114,155; renewed Dec. 5, 1936.
Floracube Co., The, Los Angeles, Calif. Bacteria-eliminating compound. 341,375; Dec. 8; Serial No. 378,652; published Sept. 29, 1936. Class 6.
Follmer, Clogg & Co. Inc., Lancaster, Pa., and New York, N. Y. Cravats, four-in-hand ties, bow ties, etc. 341,402; Dec. 8; Serial No. 380,271; published Sept. 29, 1936. Class 39.
Franklin Institute of the State of Pennsylvania for the Promotion of the Mechanic Arts, Trustee for Biochemical Research Foundation, The, Philadelphia, Pa. Medicine. 341,522; Dec. 8; Serial No. 381,891; published Sept. 29, 1936. Class 6.
G. E. Laboratories. (See Troutman, Roy J.)
Galli Sales Co. (See Hirschensohn, Ben.)
Garden Chemical Co. (See Halstead Products Co.)
Garrison Engineering Corporation, New York, N. Y. Electrically automatic fire detecting, signalling, and directing systems. 341,325; Dec. 8; Serial No. 358,051; published Sept. 29, 1936. Class 21.
General Chemical Company, New York, N. Y. Insecticides and preparations for control of plant pests. 341,407; Dec. 8; Serial No. 380,476; published Sept. 29, 1936. Class 6.
General Food Products Co., Vernon, Calif. Peanut butter. 341,533; Dec. 8; Serial No. 382,213; published Sept. 29, 1936. Class 46.
Glover, Frank P., Washington, D. C. Preparation for the treatment of varicose veins, burns, etc. 341,491; Dec. 8; Serial No. 381,560; published Sept. 29, 1936. Class 6.
Glover, Frank P., Washington, D. C. Preventative for mosquito bites. 341,492; Dec. 8; Serial No. 381,561; published Sept. 29, 1936. Class 6.
Godchaux Sugars, Inc., New Orleans, La. Poultry litter and animal bedding, horticultural mulch and low density pith for explosives. 341,507; Dec. 8; Serial No. 381,761; published Sept. 29, 1936. Class 1.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Automobile top dressing. 341,409; Dec. 8; Serial No. 380,511; published Sept. 29, 1936. Class 4.
Graeme Harrison Products, Inc., New York, N. Y. Adhesive tape. 341,477; Dec. 8; Serial No. 381,455; published Sept. 29, 1936. Class 5.
Graves, C. H., and Sons Company, Boston, Mass. Rum. 341,344; Dec. 8; Serial No. 368,406; published Sept. 29, 1936. Class 49.
Great Hill Bakery. (See Mackay, George A.)
Grinnell Washing Machine Company, Grinnell, Iowa, assignor, by mesne assignments, to Walter J. Cummings, Chicago, Ill. Laundry-washing machine. 115,328; renewed Feb. 6, 1937.
Grove, Orville A., doing business as The Akiment Company, Waco, Tex. Dental lotion. 341,482; Dec. 8; Serial No. 381,515; published Sept. 29, 1936. Class 6.
Grove, Orville A., doing business as The Akiment Company, Waco, Tex. Flavored sodium chloride and calcium oxide mixture. 341,483; Dec. 8; Serial No. 381,517; published Sept. 29, 1936. Class 6.
Grove, Orville A., doing business as The Akiment Company, Waco, Tex. Mentholated alkaline-saline solution. 341,484; Dec. 8; Serial No. 381,518; published Sept. 29, 1936. Class 6.

Hale Bros. Stores, Inc., San Francisco, Calif. Radio receiving sets and parts thereof. 341,411; Dec. 8; Serial No. 380,568; published Sept. 29, 1936. Class 21.
Hallmark Company, Inc., The. (See United Jewelers Inc.)
Halstead Products Co., doing business as Garden Chemical Co., Oakland, Calif. Animal repellent. 341,479; Dec. 8; Serial No. 381,480; published Sept. 29, 1936. Class 6.
Haug & Co., Inc., Brooklyn, N. Y. Vegetable oil. 341,404; Dec. 8; Serial No. 380,397; published Sept. 29. Class 46.
Hilfer, Louis, Company, The, St. Louis, Mo., and Chicago, Ill. Whiskey. 341,535; Dec. 8; Serial No. 382,432; published Sept. 29, 1936. Class 49.
Hirschensohn, Ben, doing business as Galli Sales Co., Brooklyn, N. Y. Astringents, astringent cerates, bleach creams, etc. 341,443; Dec. 8; Serial No. 381,270; published Sept. 29, 1936. Class 6.
Hubbs, Charles F., & Company, New York, N. Y. Wrapping paper. 341,512; Dec. 8; Serial No. 381,811; published Sept. 29, 1936. Class 37.
Ignition Service & Supply Company, Inc., Albany, N. Y. Radio receiving sets. 341,550; Dec. 8. Class 21.
International Cellucotton Products Company, Chicago, Ill. Sanitary napkins. 341,480; Dec. 8; Serial No. 381,485; published Sept. 29, 1936. Class 44.
Irion, Hermann, doing business under the pen name Homer Whiting, New York, N. Y. Articles on musical subjects in newspapers. 341,548; Dec. 8. Class 38.
Jetter & Scheerer Products, Inc., New York, N. Y. Suture material for surgical use. 341,485; Dec. 8; Serial No. 381,532; published Sept. 29, 1936. Class 44.
Jones, R. T., Lumber Company, The, to The R. T. Jones Lumber Co., Inc., North Tonawanda, N. Y., successor. White-pine bevel siding, moldings, casing, etc. 111,241; renewed July 4, 1936.
K & S Specialty Company, Philadelphia, Pa. Trap plugs. 341,346; Dec. 8; Serial No. 369,193; published Sept. 29, 1936. Class 13.
Kaufmann, Cecil D., Washington, D. C. Radio receiving sets and parts thereof. 341,546; Dec. 8. Class 21.
Kearney, James R., Corporation, St. Louis, Mo. Fuse switches. 341,349; Dec. 8; Serial No. 371,164; published Sept. 29, 1936. Class 21.
Komar, Charles, & Sons, New York, N. Y. Ladies' slips. 341,437; Dec. 8; Serial No. 381,162; published Sept. 29, 1936. Class 39.
Kress, S. H., and Company, New York, N. Y. Paper and cloth window shades. 341,355; Dec. 8; Serial No. 374,973; published Apr. 28, 1936. Class 32.
L. G Motors (Staines) Limited, Staines, England. Automobiles. 341,372; Dec. 8; Serial No. 378,107; published Sept. 29, 1936. Class 19.
Landenberger, J. W., & Co., Philadelphia, Pa. Hosiery. 341,412; Dec. 8; Serial No. 380,574; published Sept. 29, 1936. Class 39.
Landenberger, J. W., & Co., Philadelphia, Pa. Yarn. 341,413; Dec. 8; Serial No. 380,577; published Sept. 29, 1936. Class 43.
Lane Company, Inc., The, Altavista, Va. Cedar wardrobes, cedar chifforobes, cedar closets, etc. 341,498; Dec. 8; Serial No. 381,626; published Sept. 29, 1936. Class 32.
Langseth, Anton B., doing business as A. B. Langseth Co., Minot, N. Dak. Ointment. 341,478; Dec 8; Serial No. 381,461; published Sept. 29, 1936. Class 6.
Lear, Mollie, Brooklyn, N. Y. Food preparation. 341,361; Dec. 8; Serial No. 376,173; published Sept. 29, 1936. Class 46.
Lee, Lolita, Philadelphia, Pa. Preparation for application to the finger nails. 341,547; Dec. 8. Class 6.
Lee, Thomas A., New York, N. Y. Hosiery. 341,421; Dec. 8; Serial No. 380,776; published Sept. 15, 1936. Class 39.
Lelong, Lucien, Inc., Chicago, Ill. Soap. 341,383; Dec. 8; Serial No. 379,248; published Sept. 29, 1936. Class 4.
Less, Joseph, doing business as Department Sales Company, New York, N. Y., assignor to Chase Brass & Copper Co. Incorporated, New York, N. Y. Razor blades. 341,350; Dec. 8; Serial No. 372,325; published Jan. 28, 1936. Class 23.
Liberty Distilleries, Inc., Dundalk, Md. Pure rye whiskey. 341,366; Dec. 8; Serial No. 377,052; published May 19, 1936. Class 49.
Linkway Stores Company, Little Rock, Ark. Saws, hatchets, hammers, etc. 341,369; Dec. 8; Serial No. 377,551; published Sept. 29, 1936. Class 23.
Mackay, George A., doing business as Great Hill Bakery, Exeter, N. H. Bread, cakes, doughnuts, and pastries. 341,408; Dec. 8; Serial No. 380,479; published Sept. 29, 1936. Class 46.
Manville Jenckes Corporation, Manville, R. I. Piece goods. 341,431; Dec. 8; Serial No. 381,040; published Sept. 29, 1936. Class 42.
Marshall Field & Company, Chicago, Ill. Cotton, silk, rayon, and woolen piece goods. 341,525; Dec. 8; Serial No. 381,980; published Sept. 29, 1936. Class 42.
Martin, Glenn L., Company, The, Baltimore and Middle River, Md. Airplanes. 341,381; Dec. 8; Serial No. 379,005; published Sept. 29, 1936. Class 19.
Martin, T. S., Co., Sioux City, Iowa. Fur pelts. 341,403; Dec. 8; Serial No. 380,291; published Sept. 29, 1936. Class 1.
May Oil Burner Corporation, Baltimore, Md. Oil burning heating boiler units and/or systems, etc. 341,514; Dec. 8; Serial No. 381,846; published Sept. 29, 1936. Class 34.
Mayer-Stern, Incorporated, Allentown, Pa. Pajamas, underwear, polo shirts, etc. 341,445–6; Dec. 8; Serial Nos. 381,317–8; published Sept. 29, 1936. Class 39.
McKesson & Robbins, Incorporated, Fairfield and Bridgeport, Conn. Gin. 341,536; Dec. 8; Serial No. 382,515; published Sept. 29, 1936. Class 49.
McNeil Laboratories, Inc., Philadelphia, Pa. Medicated ampul. 341,341; Dec. 8; Serial No. 367,935; published Dec. 17, 1935. Class 6.
Metropolitan Vineyards Co., Inc., Brooklyn, N. Y. Wines. 341,471; Dec. 8; Serial No. 381,416; published Sept. 29, 1936. Class 47.
Mevi, George G., New York, N. Y. Loose leaf binders. 341,513; Dec. 8; Serial No. 381,829; published Sept. 29, 1936. Class 37.
Mezera, Chas. J., doing business as Patria Trading Company, Cleveland, Ohio. Medicine. 341,351; Dec. 8; Serial No. 372,606; published Sept. 29, 1936. Class 6.
Micalac Company, The. (See Miller, Norman.)
Miller, Norman, doing business as The Micalac Company, Newcastle-upon-Tyne, England. Electric insulating compositions made principally of mica. 341,377; Dec. 8; Serial No. 378,847; published Sept. 29, 1936. Class 21.
Mintrated Products Company, Battle Creek, Mich. Laxative in tablet form. 341,506; Dec. 8; Serial No. 381,722; published Sept. 29, 1936. Class 6.
Modern Process Flooring Company. (See Prichard, Sidney.)
Modern Published Company, The, by merger to Popular Science Publishing Company, Inc., New York, N. Y. Monthly magazine. 112,687; renewed Sept 19, 1936.
Moorhead Knitting Company, Harrisburg, Pa. Men's hose. 341,461; Dec. 8; Serial No. 381,373; published Sept. 22, 1936. Class 39.
Moosbrugger, Rudolph, Glenside, Pa. Tooth powder. 341,517; Dec. 8; Serial No. 381,871; Sept. 29, 1936. Class 6.
Morey Mercantile Company, The, Denver, Colo. Foods. 113,618; renewed Oct. 24, 1936.
Mountain City Mill Co., doing business as Chattanooga Bakery, Chattanooga, Tenn. Biscuits, bread, crackers, etc. 341,331; Dec. 8; Serial No. 366,574; published Sept. 29, 1936. Class 46.
Mullins Manufacturing Corporation, Salem Ohio. Trailers. 341,414; Dec. 8; Serial No. 380 581; published Sept. 29, 1936. Class 19.
Nachman Company, The, to Nachman-Springfield Corporation, Chicago, Ill., successor. Combined spring and felted cushions and mattresses. 112,921; renewed Oct. 3, 1936.
Narrow Fabric Company, The, West Reading, Pa. Elastic. 341,440; Dec. 8, Serial No. 381,214; published Sept. 29, 1936. Class 42.
National Cellulose Corporation, New York N. Y. Cleansing tissues. 341,363; Dec. 8; Serial No. 376,687; published Sept. 29, 1936. Class 37.
National Modes, Inc., New York, N. Y. Handbags. 341,518; Dec. 8; Serial No. 381,872; published Sept. 29, 1936. Class 3.
Nelson, Hans A., Exira, Iowa. Vehicle bodies and endgates. 341,390; Dec 8; Serial No. 379,562; published Sept. 29, 1936. Class 19.
New England Brewing Company, The, Hartford, Conn. Beer or ale. 341,519; Dec. 8; Serial No. 381,874; published Sept. 29, 1936. Class 48.
Newman, Solomon, New York, N. Y. Trousers and raincoats No. 115,373; renewed Feb. 6, 1937.
New River Coal Company, Charleston, W. Va. Coal. 341,415; Dec. 8; Serial No. 380,584; published Sept. 29, 1936. Class 1.
Noll, William H., doing business as The Pinex Co. and Pinex Laboratories, Fort Wayne, Ind. Medicinal nose drops. 341,428; Dec. 8; Serial No 381,001; published Sept. 29, 1936. Class 6.
Nye-Wait Company, Inc., Auburn, N. Y. Rugs and carpets. 341,499; Dec. 8; Serial No. 381,628; published Sept. 29, 1936. Class 42.
Old Ben Coal Corporation, Chicago, Ill. Coal. 341,379; Dec. 8; Serial No. 378,947; published Sept. 29, 1936. Class 1.
Old Ben Coal Corporation, Chicago, Ill. Coal. 341,493; Dec. 8; Serial No. 381,574; published Sept. 29, 1936. Class 1.
Orr's Zinc White Ltd., London and Widnes, England. Pigments for use in rubber and linoleum industries. 115,379; renewed Feb. 6, 1937.
Palace Clothiers, The, Tulsa, Okla. Suits and overcoats. 341,438; Dec. 8; Serial No. 381,170; published Sept. 15, 1936. Class 39.
Panther Valley Chemical Company, Lansford, Pa. Powdered and liquid ink. 341,520; Dec. 8; Serial No. 381,875; published Sept. 29, 1936. Class 11.
Parke, Davis & Company, Detroit, Mich. Preparation used in the treatment of syphilitic and related types of infection. 341,481; Dec. 8; Serial No. 381,496; published Sept. 29, 1936. Class 6.

Parker, Charles W., to The C. W. Parker Amusement Company, Leavenworth, Kans., successor. Carousels. 112,925; renewed Oct. 3, 1936.

Patek & Co., San Francisco, Calif. Preparation in powdered form for the removal of spots, stains, etc. 341,392; Dec. 8; Serial No. 379,750; published Sept. 29, 1936. Class 4.

Patria Trading Company. (See Mezera, Chas. J.)

Pere, J. Thirlez, & Fils & Cartier-Bresson, Societe a Responsabilite Limitee, Lille, France. Cotton thread. 341,475; Dec. 8; Serial No. 381,435; published Sept. 29, 1936. Class 43.

Philippine Tobacco Co., Inc., Manila, P. I., and New York, N. Y. Cigars, cigarettes, little cigars, etc. 341,416; Dec. 8; Serial No. 380,586; published Sept. 29, 1936. Class 17.

Pinex Co., The. (See Noll, William H.)

Point Loma Tuna Packers, Inc., Point Loma, San Diego, Calif. Canned tuna. 341,508; Dec. 8; Serial No. 381,782; published Sept. 29, 1936. Class 46.

Polefsky, Jacob S., doing business as Continental Pure Products Co., Jersey City, N. J. Whiskeys, brandies, gins, etc. 341,537; Dec. 8; Serial No. 382,522; published Sept. 29, 1936. Class 49.

Poller, Bauman & Stoll, New York, N. Y. Ladies' coats, suits, skirts, etc. 341,435; Dec. 8; Serial No. 381,133; published Sept. 22, 1936. Class 39.

Popular Science Publishing Company, Inc. (See Modern Publishing Company, The.)

Prichard, Sidney, doing business as Modern Process Flooring Company, Union City, N. J. Paint. 341,324; Dec. 8; Serial No. 356,232; published Sept. 29, 1936. Class 16.

Prince Matchabelli Perfumery, Inc., New York, N. Y. Astringents, astringent cerates, bleach creams, etc. 341,348; Dec. 8; Serial No. 370,774; published Sept. 29, 1936. Class 6.

Progress Corporation, New York, N. Y. Cigar and cigarette catalytic lighters and parts thereof. 341,382; Dec. 8; Serial No. 379,011; published Sept. 29, 1936. Class 34.

Pro-phy lac tic Brush Company, Northampton, Mass. Tooth brushes. 341,472; Dec. 8; Serial No. 381,421; published Sept. 29, 1936. Class 29.

Prosser, Thomas, & Son, New York, N. Y. Tools for cutting. 341,327–8; Dec. 8; Serial Nos. 365,316–7; published Sept. 29, 1936. Class 23.

Pullman Chemical Company, Camden, N. J. Gasket cement, running board cement, auto top patch cement, etc. 341,545; Dec. 8. Class 5.

Pyramid Leather Goods Company, New York, N. Y. Pocketbooks. 341,523; Dec. 8; Serial No. 381,894; published Sept. 29, 1936. Class 3.

Rabhor Co., Inc., The, South Norwalk, Conn. Lounging robes and bath robes. 341,462; Dec. 8; Serial No. 381,377; published Sept. 22, 1936. Class 39.

Rainier Pulp & Paper Company, San Francisco, Calif. Non-bituminous road surfacing compounds and emulsions. 341,473; Dec. 8; Serial No. 381,422; published Sept. 22, 1936. Class 12.

Rapid Electrotype Co., The, Cincinnati, Ohio. Matrix or lining used in stereotyping. 341,494; Dec. 8; Serial No. 381,576; published Sept. 29, 1936. Class 50.

Reichelbräu Aktien-Gesellschaft, Kulmbach, Germany. Beer. 341,378; Dec. 8; Serial No. 378,903; published Sept. 29, 1936. Class 48.

Rich, A. H., Corporation, New York, N. Y. Slips, gowns, pajamas, etc. 341,436; Dec. 8; Serial No. 381,137; published Sept. 15, 1936. Class 39.

Rich Art Color Company, Inc., New York, N. Y. Artists' materials. 341,323; Dec. 8; Serial No. 354,661; published Sept. 29, 1936. Class 16.

Rose Valley Produce Co., Inc., Milpitas, Calif. Fresh vegetables. 341,359; Dec. 8; Serial No. 376,103; published Sept. 29, 1936. Class 46.

Royal Drug Company, Chicago, Ill. Vanishing cream, cleansing cream, tissue cream, face powder, etc. 341,426; Dec. 8; Serial No. 380,971; published Sept. 29, 1936. Class 6.

Schneier, Alfred, Company, Inc., New York, N. Y. Valve for use in siphon heads. 341,463; Dec. 8; Serial No. 381,379; published Sept. 29, 1936. Class 13.

Schneier, Alfred, Company, Inc., New York, N. Y. Lever for use in siphon heads. 341,464; Dec. 1; Serial No. 381,380; published Sept. 29, 1936. Class 13.

Schneier, Alfred, Company, Inc., New York, N. Y. Spindle for use in siphon heads. 341,465; Dec. 8; Serial No. 381,381; published Sept. 29, 1936. Class 13.

Schneier, Alfred, Company, Inc., New York, N. Y. Cap for use in siphon heads. 341,466; Dec. 8; Serial No. 381,382; published Sept. 29, 1936. Class 13.

Schneier, Alfred, Company, Inc., New York, N. Y. Tube for use in siphon heads. 341,467; Dec. 8; Serial No. 381,383; published Sept. 29, 1936. Class 13.

Schneier, Alfred, Company, Inc., New York, N. Y. Collar half (female) for use in siphon heads. 341,468; Dec. 8; Serial No. 381,384; published Sept. 29, 1936. Class 13.

Schneier, Alfred, Company, Inc., New York, N. Y. Collar half (male) for use in siphon heads. 341,469; Dec. 8; Serial No. 381,385; published Sept. 29, 1936. Class 13.

Scholl Mfg. Co., Inc., The, Chicago, Ill. Ointment for the relief of painful or swollen feet, etc. 341,542; Dec. 8. Class 6.

Scrutchin, Thomas, Chicago, Ill. Beverages, sirups and extracts. 341,474; Dec. 8; Serial No. 381,426; published Sept. 29, 1936. Class 45.

Sealkote Corporation, Chicago, Ill. Chemical preparation. 341,551; Dec. 8. Class 6.

Sears, Roebuck and Co., Chicago, Ill. Rubber overshoes and boots. 114,658; renewed Dec. 26, 1936.

Seebasco Laboratories, Inc., Richmond, Va. Preparation for external treatment for forms of local congestion and irritation. 341,504; Dec. 8; Serial No. 381,694; published Sept. 29, 1936. Class 6.

Shield Foods, Inc., Buffalo, N. Y. Canned grapefruit, grapefruit juice, Bartlett pears, etc. 341,362; Dec. 8; Serial No. 376,412; published Sept. 29, 1936. Class 46.

Siegman, Wesley G., doing business as Thoro-Peutic Chemical Co., Miami, Fla. Medicated ointments. 341,371; Dec. 8; Serial No. 378,060; published Sept. 29, 1936. Class 6.

Silberberg, Arthur M., New York, N. Y. Neckties. 341,441; Dec. 8; Serial No. 381,225; published Sept. 15, 1936. Class 39.

Singer Manufacturing Company, The, Elizabeth, N. J., and New York, N. Y. Sewing machine shuttle bodies. 341,406; Dec. 8; Serial No. 380,464; published Sept. 29, 1936. Class 23.

Smack Corporation, The, New York, N. Y. Packaged ice cream. 341,389; Dec. 8; Serial No. 379,486; published Sept. 29, 1936. Class 46.

Smartsport. (See Cohen Bros. Corp.)

Société Anonyme Couesnon, Paris, France. Cornets with registers, bugles, musical trumpets, etc. 341,332; Dec. 8; Serial No. 366,882; published Sept. 29, 1936. Class 36.

Spiegel Bros. Corporation, New York, N. Y. Bicycles, parts and accessories. 341,364; Dec. 8; Serial No. 376,962; published Sept. 29, 1936. Class 19.

Squibb, E. R., & Sons, New York, N. Y. Chemical indicators. 341,367; Dec. 8; Serial No. 377,068; published Sept. 15, 1936. Class 6.

Squibb, E. R., & Sons, New York, N. Y. Analgesic, antirheumatic, and anti-neuralgic preparations. 341,495; Dec. 8; Serial No. 381,587; published Sept. 29, 1936. Class 6.

Stafford, S. S., Inc., New York, N. Y. Insecticides. 341,397; Dec. 8; Serial No. 380,086; published Sept. 29, 1936. Class 6.

Standard Oil Company of New Jersey, Wilmington, Del. Asphalt. 341,347; Dec. 8; Serial No. 369,719; published Sept. 15, 1936. Class 12.

Star Novelty Utilities. (See Alt, Wm.)

Starrett, L. S., Company, The, Athol, Mass. Hacksaw blades; 341,521; Dec. 8; Serial No. 381,882; published Sept. 29, 1936. Class 23.

Stevenson, Donald M., Detroit, Mich. Electric motors. 341,509; Dec. 8; Serial No. 381,791; published Sept. 29, 1936. Class 21.

Sunny Hill Wineries, Chicago, Ill. Wines. 341,487; Dec. 8; Serial No. 381,543; published Sept. 29, 1936. Class 47.

Sunny Hill Wineries, Chicago, Ill. Wines. 341,488; Dec. 8; Serial No. 381,545; published Sept. 29, 1936. Class 47.

Superior Laboratories, Inc., Cleveland, Ohio. Vaginal powder. 341,338; Dec. 8; Serial No. 367,702; published Sept. 29, 1936. Class 6.

Superior Manufacturing Co., assignor to Superior Steel Products Corporation, Ltd., Los Angeles, Calif. Grating, and particularly steel flooring. 341,388; Dec. 8; Serial No. 379,451; published Sept. 15, 1936. Class 12.

Swank Products, Inc., Attleboro, Mass. Tie racks and picture frames. 341,515; Dec. 8; Serial No. 381,856; published Sept. 29, 1936. Class 32.

Sweetland, William H., doing business as Vego-Phyll Products Co., San Diego, Calif. Vegetable soup powder. 341,376; Dec. 8; Serial No. 378,680; published Sept. 29, 1936. Class 46.

Tampa Florida Brewery, Inc., Tampa, Fla. Beer. 341,526–7; Dec. 8; Serial Nos. 382,010–11; published Sept. 29, 1936. Class 48.

Terhume, Yereance & Wolff, Inc., New York, N. Y. Woolen, worsted, tropical fabrics in the piece and crashes. 341,543; Dec. 8. Class 42.

Texas Company, The, New York, N. Y. Asphalt. 341,417; Dec. 8; Serial No. 380,599; published Sept. 15, 1936. Class 12.

Thoro-Peutic Chemical Co. (See Siegman, Wesley G.)

Tide Water Oil Co., assignor to Tide Water Oil Company, New York, N. Y. Illuminating-oil. 116,017; renewed Mar. 27, 1937.

Tingue, Brown & Co., New York, N. Y. Apron canvas in the piece. 341,448; Dec. 8; Serial No. 381,333; published Sept. 29, 1936. Class 42.

Tingue, Brown & Co., New York, N. Y. Mesh net containers for use in laundries. 341,449–50; Dec. 8; Serial Nos. 381,334–5; published Sept. 29, 1936. Class 24.

Tingue, Brown & Co., New York, N. Y. Apron canvas in the piece. 341,451; Dec. 8; Serial No. 381,336; published Sept. 29, 1936. Class 42.

Tingue, Brown & Co., New York, N. Y. Mesh net containers for use in laundries. 341,452; Dec. 8; Serial No. 381,337; published Sept. 29, 1936. Class 24.

Tingue, Brown & Co., New York, N. Y. Apron canvas in the piece. 341,453; Dec. 8; Serial No. 381,340; published Sept. 29, 1936. Class 42.

Tingue, Brown & Co., New York, N. Y. Mesh net containers for use in laundries. 341,454; Dec. 8; Serial No. 381,341; published Sept. 29, 1936. Class 24.

Tingue, Brown & Co., New York, N. Y. Apron canvas in the piece. 341,455; Dec. 8; Serial No. 381,342; published Sept. 29, 1936. Class 42.

Tingue, Brown & Co., New York, N. Y. Mesh net containers for use in laundries. 341,456; Dec. 8; Serial No. 381,343; published Sept. 29, 1936. Class 24.

Tingue, Brown & Co., New York, N. Y. Mesh net containers for use in laundries. 341,458; Dec. 8; Serial No. 381,345; published Sept. 29, 1936. Class 24.

Tingue, Brown & Co., New York, N. Y. Apron canvas in the piece. 341,459; Dec. 8; Serial No. 381,348; published Sept. 29, 1936. Class 42.

Tishman, Lou, Co. Inc., New York, N. Y. Ladies' coats and suits. 341,358; Dec. 8; Serial No. 375,411; published Sept. 29, 1936. Class 39.

Tobey-Fine Papers, Inc., St. Louis, Mo. Bond writing paper. 341,427; Dec. 8; Serial No. 380,977; published Sept. 29, 1936. Class 37.

Tompkins' Label Service, Philadelphia, Pa. Printed grease-proof labels. 341,539–40; Dec. 8. Class 38.

Treat Orchard Co., Esom Hill, Ga. Fresh fruits and vegetables. 341,343; Dec. 8; Serial No. 368,275; published June 16, 1936. Class 46.

Triner, Joseph, Corporation, Chicago, Ill. Liqueurs. 341,528; Dec. 8; Serial No. 382,012; published Sept. 29, 1936. Class 49.

Troutman, Roy J., doing business as G. E. Laboratories, Shamokin, Pa. Liquid horehound balsam. 341,368; Dec. 8; Serial No. 377,133; published Sept. 29, 1936. Class 6.

Union Fork & Hoe Company, The, Columbus, Ohio. Hand operated tools. 341,333; Dec. 8; Serial No. 367,636; published Sept. 29, 1936. Class 23.

Union Fork & Hoe Company, The, Columbus, Ohio. Hand operated tools. 341,334–5; Dec. 8; Serial Nos. 367,639–40; published Sept. 29, 1936. Class 23.

Union Fork & Hoe Company, The, Columbus, Ohio. Hand operated tools. 341,336–7; Dec. 8; Serial Nos. 367,643–4; published Sept. 29, 1936. Class 23.

Union Fork & Hoe Company, The, Columbus, Ohio. Hand operated tools. 341,339; Dec. 8; Serial No. 367,744; published Sept. 29, 1936. Class 23.

Union Fork & Hoe Company, The, Columbus, Ohio. Hand operated tools. 341,340; Dec. 8; Serial No. 367,746; published Sept. 29, 1936. Class 23.

Union Fork & Hoe Company, The, Columbus, Ohio. Hand operated tools. 341,342; Dec. 8; Serial No. 368,013; published Sept. 29, 1936. Class 23.

Union Fork & Hoe Company, The, Columbus, Ohio. Hand operated tools. 341,345; Dec. 8; Serial No. 368,718; published Sept. 29, 1936. Class 23.

United Cigar Stores Delaware Corporation, New York, N. Y. Cigars. 341,391; Dec. 8; Serial No. 379,653; published Sept. 29, 1936. Class 17.

United Cigar Stores Delaware Corporation, New York, N. Y. Tobacco. 341,398–9; Dec. 8; Serial Nos. 380,130–1; published Sept. 29, 1936. Class 17.

United Cigar Stores Delaware Corporation, New York, N. Y. Cigars. 341,400; Dec. 8; Serial No. 380,243; published Sept. 29, 1936. Class 17.

United Jewelers Inc., The, to The Hallmark Company, Inc., New York, N. Y., successor. Fountain-pens and parts thereof. 113,655; renewed Oct. 24, 1936.

Universal Paper Products Company, Chicago, Ill. Paper cups. 341,534; Dec. 8; Serial No. 382,295; published Sept. 29, 1936. Class 2.

Valentine & Company, New York, N. Y. Paint. 341,444; Dec. 8; Serial No. 381,296; published Sept. 29, 1936. Class 16.

Van Dyk & Company, Jersey City, N. J. Absorptive base. 341,447; Dec. 8; Serial No. 381,329; published Sept. 29, 1936. Class 6.

Van Raalte Company, New York, N. Y. Women's hosiery. 341,439; Dec. 8; Serial No. 381,177; published Sept. 29, 1936. Class 39.

Vego-Phyll Products Co. (See Sweetland, William H.)

Vernon, S. E. & M., Inc., New York, N. Y. Composition books, loose leaf fillers and binders. 341,432; Dec. 8; Serial No. 381,114; published Sept. 22, 1936. Class 37.

Vogt, F. G., & Sons, Inc., Philadelphia, Pa. Sausages. 341,422; Dec. 8; Serial No. 380,810; published Sept. 29, 1936. Class 46.

Wallerstein Company, Inc., New York, N. Y. Emulsifying agents. 341,365; Dec. 8; Serial No. 376,970; published Sept. 29, 1936. Class 6.

Wallich, Fred R., doing business as Wallich Laboratories, Los Angeles, Calif. Antiseptic oil. 341,418; Dec. 8; Serial No. 380,683; published Sept. 29, 1936. Class 6.

Waverly Laboratories, Inc., New York, N. Y. Perfumery. 341,385; Dec. 8; Serial No. 379,368; published Sept. 29, 1936. Class 6.

Weiner, Martin, doing business as Martin Weiner Co., New York, N. Y. Textile fabrics. 341,476; Dec. 8; Serial No. 381,439; published Sept. 29, 1936. Class 42.

Wenzel, Mack, doing business as Wenzel Company, Chicago, Ill. Motion picture amplifiers. 341,425; Dec. 8; Serial No. 380,935; published Sept. 29, 1936. Class 21.

Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding alloys. 341,423; Dec. 8; Serial No. 380,814; published Sept. 29, 1936. Class 14.

Whiting, Homer. (See Irion, Hermann.)

Whiting-Plover Paper Company, Plover and Stevens Point, Wis. Printing and writing papers. 341,486; Dec. 8; Serial No. 381,541; published Sept. 29, 1936. Class 37.

Whitney, F. A., Carriage Co., Leominster, Mass. Baby carriages. 341,360; Dec. 8; Serial No. 376,110; published Sept. 29, 1936. Class 19.

Willett & Gray to Willett & Gray, Inc., New York, N. Y., successor. Daily sugar-paper. 116,107–8; renewed Apr. 3, 1937.

Wise Motor Supply Co., Inc., Pittsburgh, Pa. Mirrors for autos, windshield wipers, radiators, etc. 341,552; Dec. 8. Class 19.

LIST OF REGISTRANTS OF LABELS

Akalyn Company, The, New Orleans, La. Akalyn. For a Medicinal Preparation for the Relief of Pain from Headaches, Neuralgia and Inorganic Causes. 48,453; Dec. 8.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut. For Strained Foods. 48,454; Dec. 8.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Concord Grape Jelly. For Grape Jelly. 48,455; Dec. 8.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Pepsin Beechies. For Chewing Gum. 48,456; Dec. 8.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Peppermint Beechies. For Chewing Gum. 48,457; Dec. 8.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Spearmint Beechies. For Chewing Gum. 48,458; Dec. 8.

Brown, D., Co., Inc., Brooklyn, N. Y. Storm-Pruf Asbestos Plastic Roof Cement. For Asbestos Plastic Roof Cement. 48,459; Dec. 8.

Burry Biscuit Corporation, Linden, N. J. Burry's Pixies. For Cookies and Biscuits. 48,460; Dec. 8.

Circle Brush & Paint Co., Chicago, Ill. Fifty 55 Five. For Enamel. 48,461; Dec. 8.

Clayton, A. C., Printing Co., St. Louis, Mo. Shoe Salon Copley Corrinne Arch Preserver Foot wear. For Footwear. 48,462; Dec. 8.

Glass Sales Agency, Inc., The, Oakland, Calif. Silk Tissue. For Toilet Paper. 48,463; Dec. 8.

Goodman, A., & Sons, Inc., New York, N. Y. Goodman's. For Pure Egg Noodles. 48,464; Dec. 8

Grand Rapids Brewing Company, Grand Rapids, Mich. Grand Rapids Export Brand. For Beer. 48,465; Dec. 8.

Grand Rapids Brewing Company, Grand Rapids, Mich. Hi-Brau. For Ale. 48,466; Dec. 8.

Hunsley, Arch B., Amarillo, Tex. Hunsley's Clima-Tized Paints from the House of Color. For House Paint. 48,467; Dec. 8.

Imperial Beverage Company, Kalamazoo, Mich. Imperial. For Sparkling Water. 48,468; Dec. 8.

Imperial Beverage Company, Kalamazoo, Mich. Imperial. For Orange Soda. 48,469; Dec. 8.

Imperial Beverage Company, Kalamazoo, Mich. Imperial. For Club Soda. 48,470; Dec. 8.

Imperial Beverage Company, Kalamazoo, Mich. Imperial. For Root Beer. 48,471; Dec. 8.

Imperial Beverage Company, Kalamazoo, Mich. Imperial. For Strawberry Soda. 48,472; Dec. 8.

Imperial Beverage Company, Kalamazoo, Mich. Imperial. For Lime Rickey. 48,473; Dec. 8.

Imperial Beverage Company, Kalamazoo, Mich. Imperial. For Cherry Soda. 48,474; Dec. 8.

Land O'The Sky Mutual Association, Inc., Waynesville, N. C. Our Betsy. For Tomatoes. 48,475; Dec. 8.

Lowenfels, Frederick F., & Son, New York, N. Y. Squared Roll. For Butter. 48,476; Dec. 8.

Meyer, Frank C., Co. Inc., Brooklyn, N. Y. Wilkerson. For Footwear. 48,477; Dec. 8.

Morrell, John, & Co., Ottumwa, Iowa. Red Heart. For Dog Biscuits. 48,478; Dec. 8.

My Bread Baking Company, New Bedford, Mass. Blue and White Brand Bread. For Bread. 48,479; Dec. 8.

Nannette Manufacturing Company, Philadelphia, Pa. Nannette Toddlers. For Children's Frocks and Suits. 48,480; Dec. 8.

National Packing Co., Isleton, Calif. Nation's Pride. For Canned California Solid Pack Tomatoes. 48,481; Dec. 8.

National Packing Co., Isleton, Calif. Nation's Treat. For California Spanish Style Hot Sauce. 48,482; Dec. 8.

Paul's Bread Co., South Bend, Ind. Paul's Kreamo Bread. For Bread. 48,483; Dec. 8.

Pfeiffer Brewing Company, Detroit, Mich. Pfeiffer's Famous Jumbo Beer. For Beer. 48,484; Dec. 8.

Pollock Paper & Box Company, Dallas, Tex. Golden Krust. For Bread. 48,485; Dec. 8.

Pulp & Paper Trading Company, The, New York, N. Y. Oregon Bond. For Fine Printing Paper. 48,486; Dec. 8.

Pure Foods Corporation, Los Angeles, Calif. "Golden Flow" Brand. For Orange Juice. 48,487; Dec. 8.

Rapinwax Paper Company, St. Paul, Minn. Delicious Cracked Wheat Bread. For Cracked Wheat Bread. 48,488; Dec. 8.

Reading Towel Mfg. Co., Reading, Pa. 101 Dish Cloth. For Cloths for Washing Dishes, Dusting and Polishing. 48,489; Dec. 8.

Regensburg, E., & Sons, New York, N. Y. Admiration E R S. For Cigars. 48,490; Dec. 8.

Rice & Townsend, Los Angeles, Calif. Her Royal Highness. For Waffle Wafers. 48,491; Dec. 8.

Sandusky Wineries, Inc., Sandusky, Ohio. Rose Marie. For Wine. 48,492; Dec. 8.

Scholl Mfg. Co., Inc., The, Chicago, Ill. Dr. Scholl's Presto Mecurochrome (H. W. & D.) Medicated Soft Corn Pads. For Soft Corn Pads. 48,493; Dec. 8.

Scholl Mfg. Co., Inc., The, Chicago, Ill. Dr. Scholl's Presto Mercurochrome (H. W. & D.) Medicated Corn Pads. For Corn Pads. 48,494; Dec. 8.

Scholl Mfg. Co., Inc., The, Chicago, Ill. Dr. Scholl's Presto Mercurochrome (H. W. & D.) Medicated Callous Pads. For Callous Pads. 48,495; Dec. 8.

Shush Laboratories, Chicago, Ill. Gor-Jus. For a Liquid Preparation for Setting Waves in the Hair. 48,496; Dec. 8.

Standard Brands Incorporated, New York, N. Y. Royal. For Vanilla Pudding. 48,497; Dec. 8.

Tudor Wax Co., Inc., Hoboken, N. J. Tudor Paste Wax. For Paste Wax. 48,498; Dec. 8.

Vapo Products Company, Inc., Spokane, Wash. Vapo Bubbles. For a Cleaning Preparation. 48,499; Dec. 8.

Vogt, F. G., & Sons, Inc., Philadelphia, Pa. Vogt's Lard. For Lard. 48,500; Dec. 8.

Vogt, F. G., & Sons, Inc., Philadelphia, Pa. Sa-Vo Shortening. For Shortening. 48,501; Dec. 8.

Waxide Paper Company, Kansas City, Mo. Sandwich Loaf Delicious Bread Sliced. For Sandwich Loaf Bread. 48,502; Dec. 8.

Waxide Paper Company, Kansas City, Mo. Raisin Bread Sliced. For Raisin Bread. 48,503; Dec. 8.

Waxide Paper Company, Kansas City, Mo. Rye Bread Sliced. For Rye Bread. 48,504; Dec. 8.

LIST OF REGISTRANTS OF PRINTS

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Spearmint Beechies. For Chewing Gum. 15,935; Dec. 8.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Peppermint Beechies. For Chewing Gum. 15,936; Dec. 8.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Pepsin Beechies. For Chewing Gum. 15,937; Dec. 8.

Bigelow-Sanford Carpet Co. Inc., New York, N. Y. Bigelow Carpet Spectrum. For Carpets. 15,938; Dec. 8.

Cream of Wheat Corporation, The, Minneapolis, Minn. Get in the Game, Mother! For Wheat Breakfast Food. 15,939; Dec. 8.

Gazzolo, L. J., Toledo, Ohio. Perfo-Scoresheet. For Bowling Pins, Balls, Etc. 15,940; Dec. 8.

Kellogg Company, Battle Creek, Mich. Mother Goose Stories. For a Cereal Breakfast Food. 15,941; Dec. 8.

Kellogg Company, Battle Creek, Mich. Mother Goose Stories—Tommy Tucker's Birthday. For a Cereal Breakfast Food. 15,942; Dec. 8.

Kellogg Company, Battle Creek, Mich. Mother Goose Stories—Old King Cole. For a Cereal Breakfast Food. 15,943; Dec. 8.

Kellogg Company, Battle Creek, Mich. Mother Goose Stories—The Old Woman Who Lived in a Shoe. For a Cereal Breakfast Food. 15,944; Dec. 8.

Namm, A. I., & Son, Brooklyn, N. Y. Get the Thrift Habit. For Flower-Crepe Dresses, Swim Suits, and Silk Slips. 15,945; Dec. 8.

Olympia Brewing Company, Olympia, Wash. Beer, the Light Refreshment Beverage of Tens of Millions of Normal Temperate People. For Beer. 15,946; Dec. 8.

Pfaelzer, Jerome L., Chicago, Ill. Cash Refund Day. For Men's Wear. 15,947; Dec. 8.

Premier-Pabst Corporation, Peoria Heights, Ill. For Best Results, Ad. No. 2653. For Malt Extract. 15,948; Dec. 8.

Premier-Pabst Corporation, Peoria Heights, Ill. Highest Quality, Ad. No. 2654. For Malt Extract. 15,949; Dec. 8.

Premier-Pabst Corporation, Peoria Heights, Ill. Selected Barley, Ad. No. 2655. For Malt Extract. 15,950; Dec. 8.

Premier-Pabst Corporation, Peoria Heights, Ill. The Seventh Inning Stretch for Pabst—Ad. No. 5354. For Beer and Ale. 15,951; Dec. 8.

Premier-Pabst Corporation, Peoria Heights, Ill. Make it Pabst—While the Sun Shines, Ad. No. 5355. For Beer and Ale. 15,952; Dec. 8.

Southwestern Milling Company, The, Kansas City, Mo., to Standard Milling Company, New York, N. Y., successor. Aristos Red Turkey Wheat Flour. For Wheat Flour. 2,352; renewed Sept. 29, 1936.

Standard Milling Company. (See Southwestern Milling Company.)

Weisbaum Bros., Brower Company, The, Cincinnati, Ohio. "As 'Beau Brummell' Goes—So Goes the Fashion!" For Ties. 15,953; Dec. 8.

Ziv, Frederic W., Inc., Cincinnati, Ohio. The Freshest Thing in Town. For Rye Bread. 15,954; Dec. 8.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Coal. New River Coal Company. 341,415; Dec. 8; Serial No. 380,584; published Sept. 29, 1936.

Coal. Old Ben Coal Corporation. 341,379; Dec. 8; Serial No. 378,947; published Sept. 29, 1936.

Coal. Old Ben Coal Corporation. 341,493; Dec. 8; Serial No. 381,574; published Sept. 29, 1936.

Fur pelts. T. S. Martin Co. 341,403; Dec. 8; Serial No. 380,291; published Sept. 29, 1936.

Leather. Amalgamated Leather Companies. 341,420; Dec. 8; Serial No. 380,691; published Sept. 29, 1936.

Leathers, Finished. Allied Kid Company. 341,401; Dec. 8; Serial No. 380,254; published Sept. 29, 1936.

Litter and animal bedding, horticultural mulch and low density pith for explosives, Poultry. Godchaux Sugars, Inc. 341,507; Dec. 8; Serial No. 381,761; published Sept. 29, 1936.

Moldings of plastic composition material. Erie Resistor Corporation. 341,380; Dec. 8; Serial No. 378,986; published Sept. 29, 1936.

Muds, suspensions and emulsions, Oil well drilling. Cross Engineering Company. 341,419; Dec. 8; Serial No. 380,688; published Sept. 29, 1936.

CLASS 2

Bags, glove bags, hat covers, etc., Bathing suit. Collingbourne Mills, Inc. 341,505; Dec. 8; Serial No. 381,710; published Sept. 29, 1936.

Cups, Paper. Universal Paper Products Company. 341,534; Dec. 8; Serial No. 382,295; published Sept. 29, 1936.

CLASS 3

Bags, Utility. Charles Doppelt & Co. 341,470; Dec. 8; Serial No. 381,405; published Sept. 29, 1936.

Handbags. National Modes, Inc. 341,518; Dec. 8; Serial No. 381,872; published Sept. 29, 1936.

Pocketbooks. Pyramid Leather Goods Company. 341,523; Dec. 8; Serial No. 381,894; published Sept. 29, 1936.

Portfolios, pocketbooks, and card cases. American Automobile Association, Incorporated. 341,530; Dec. 8; Serial No. 382,027; published Sept. 29, 1936.

CLASS 4

Cleansing compound, Paste. Brown-Wales Company. 113,557; renewed Oct. 24, 1936.

Dressing, Autombile top. Goodyear Tire & Rubber Company. 341,409; Dec. 8; Serial No. 380,511; published Sept. 29, 1936.

Preparation in powdered form for the removal of spots, stains, etc. Patek & Co. 341,392; Dec. 8; Serial No. 379,750; published Sept. 29, 1936.

Soap. Lucien Lelong, Inc. 341,383; Dec. 8; Serial No. 379,248; published Sept. 29, 1936.

CLASS 5

Adhesive tape. Graeme Harrison Products, Inc. 341,477; Dec. 8; Serial No. 381,455; published Sept. 29, 1936.

Cement, running board cement, auto top patch cement, etc., Gasket. Pullman Chemical Company. 341,545; Dec. 8.

CLASS 6

Absorptive base. Van Dyk & Company. 341,447; Dec. 8; Serial No. 381,329; published Sept. 29, 1936.

Ampul, Medicated. McNeil Laboratories, Inc. 341,341; Dec. 8; Serial No. 367,935; published Dec. 17, 1935.

Analgesic, anti-rheumatic, and anti-neuralgic preparations. E. R. Squibb & Sons. 341,495; Dec. 8; Serial No. 381,587; published Sept. 29, 1936.

Animal repellent. Halstead Products Co. 341,479; Dec. 8; Serial No. 381,480; published Sept. 29, 1936.

Antiseptic oil. F. R. Wallich. 341,418; Dec. 8; Serial No. 380,683; published Sept. 29, 1936.

Astringents, astringent cerates, bleach creams, etc. B. Hirschensohn. 341,443; Dec. 8; Serial No. 381,270; published Sept. 29, 1936.

Astringents, astringents cerates, bleach creams, etc. Prince Matchabelli Perfumery, Inc. 341,348; Dec. 8; Serial No. 370,774; published Sept. 29, 1936.

Bacteria-elliminating compound. Floracube Co. 341,375; Dec. 8; Serial No. 378,652; published Sept. 29, 1936.

Chemical indicators. E. R. Squibb & Sons. 341,367; Dec. 8; Serial No. 377,068; published Sept. 15, 1936.

Chemical preparation. Sealkote Corporation. 341,551; Dec. 8.

Chemicals used as dispersing agents. Dewey and Almy Chemical Company. 341,496; Dec. 8; Serial No. 381,608; published Sept. 29, 1936.

Chemicals used as dispersing agents. Dewey and Almy Chemical Company. 341,503; Dec. 8; Serial No. 381,665; published Sept. 29, 1936.

Compound to be used for the relief of symptoms derived from hay fever and asthma. Arlington Chemical Company. 341,510; Dec. 8; Serial No. 381,797; published Sept. 29, 1936.

Cream Cleansing. Cosmetic Club, Ltd. 341,502; Dec. 8; Serial No. 381,664; published Sept. 29, 1936.

Cream, face powder, etc., Vanishing, cleansing, tissue. Royal Drug Company. 341,426; Dec. 8; Serial No. 380,971; published Sept. 29, 1936.

Dental lotion. O. A. Grove. 341,482; Dec. 8; Serial No. 381,515; published Sept. 29, 1936.

Emulsifying agents. Wallerstein Company. 341,365; Dec. 8; Serial No. 376,970; published Sept. 29, 1936.

Horehound balsam, Liquid. R. J. Troutman. 341,368; Dec. 8; Serial No. 377,133; published Sept. 29, 1936.

Insecticides. S. S. Stafford, Inc. 341,397; Dec. 8; Serial No. 380,086; published Sept. 29, 1936.

Insecticides and preparations for control of plant pests. General Chemical Company. 341,407; Dec. 8; Serial No. 380,476; published Sept. 29, 1936.

Laxative in tablet form. Mintrated Products Company. 341,506; Dec. 8; Serial No. 381,722; published Sept. 29, 1936.

Lotion and finger-wave lotion, Permanent waving. de Roos-Sternheim Company. 341,541; Dec. 8.

Medical preparation. Bensol Chemical Co. 341,387; Dec. 8; Serial No. 379,417; published Sept. 29, 1936.

Medicinal nose drops. W. H. Noll. 341,428; Dec. 8; Serial No. 381,001; published Sept. 29, 1936.

Medicine. Franklin Institute of the State of Pennsylvania for the Promotion of the Mechanic Arts, Trustee for Biochemical Research Foundation. 341,522; Dec. 8; Serial No. 381,891; published Sept. 29, 1936.

Medicine. C. J. Mezera. 341,351; Dec. 8; Serial No. 372,606; published Sept. 29, 1936.

Mentholated alkaline-saline solution. O. A. Grove. 341,484; Dec. 8; Serial No. 381,518; published Sept. 29, 1936.

Ointment. A. B. Langseth. 341,478; Dec. 8; Serial No. 381,461; published Sept. 29, 1936.

Ointment for the relief of painful or swollen feet, etc. Scholl Mfg. Co. 341,542; Dec. 8.

Ointment used for infections of the skin, Medical. Ernst Bischoff Co. Inc. 341,497; Dec. 8; Serial No. 381,620; published Sept. 29, 1936.

Ointments, Medicated. W. G. Siegman. 341,371; Dec. 8; Serial No. 378,060; published Sept. 29, 1936.

Perfumery. Waverly Laboratories, Inc. 341,385; Dec. 8; Serial No. 379,368; published Sept. 29, 1936.

Pigments for use in the rubber and linoleum industries. Orr's Zinc White Ltd. 113,379; renewed Feb. 6, 1937.

Powder, face creams, rouge, etc., Face. BoniFacial, Inc. 341,370; Dec. 8; Serial No. 377,617; published Sept. 29, 1936.

Powder, Tooth. R. Moosbrugger. 341,517; Dec. 8; Serial No. 381,871; published Sept. 29, 1936.

Powder, Vaginal. Superior Laboratories, Inc. 341,338; Dec. 8; Serial No. 367,702; published Sept. 29, 1936.

Preparation for application to the finger nails. L. Lee. 341,547; Dec. 8.

Preparation for external treatment for forms of local congestion and irritation. Seebasco Laboratories, Inc. 341,504; Dec. 8; Serial No. 381,694; published Sept. 29, 1936.

Preparation for the treatment of varicose veins, burns, etc. F. P. Glover. 341,491; Dec. 8; Serial No. 381,560; published Sept. 29, 1936.

Preparation used in the treatment of syphilitic and related types of infection. Parke, Davis & Company. 341,481; Dec. 8; Serial No. 381,496; published Sept. 29, 1936.

Preventative for mosquito bites. F. P. Glover. 341,492; Dec. 8; Serial No. 381,561; published Sept. 29, 1936.

Sodium chloride and calcium oxide mixture, Flavored. O. A. Grove. 341,483; Dec. 8; Serial No. 381,517; published Sept. 29, 1936.

CLASS 11

Ink. Panther Valley Chemical Company. 341,520; Dec. 8; Serial No. 381,875; published Sept. 29, 1936.

Typewriter ribbons and carbon paper. American Automobile Association, Incorporated. 341,529; Dec. 8; Serial No. 382,025; published Sept. 29, 1936.

CLASS 12

Asphalt. Standard Oil Company of New Jersey. 341,347; Dec. 8; Serial No. 369,719; published Sept. 15, 1936.

Asphalt. Texas Company. 341,417; Dec. 8; Serial No. 380,599; published Sept. 15, 1936.

Grating, and particularly steel flooring. Superior Manufacturing Co. 341,388; Dec. 8; Serial No. 379,451; published Sept. 15, 1936.

Road surfacing compounds and emulsions, Non-bituminous. Rainier Pulp & Paper Company. 341,473; Dec. 8; Serial No. 381,422; published Sept. 22, 1936.

Siding, moldings, casing, etc., White-pine. R. T. Jones Lumber Company. 111,241; renewed July 4, 1936.

CLASS 13

Cap for use in siphon heads. Alfred Schneier Company. 341,466; Dec. 8; Serial No. 381,382; published Sept. 29, 1936.

Collar half (female) for use in siphon heads. Alfred Schneier Company. 341,468; Dec. 8; Serial No. 381,384; published Sept. 29, 1936.

Collar half (male) for use in siphon heads. Alfred Schneier Company. 341,469; Dec. 8; Serial No. 381,385; published Sept. 29, 1936.

Fasteners, Slide. Columbia Plush & Puff Co. 341,374; Dec. 8; Serial No. 378,612; published Sept. 29, 1936.

Lever for use in siphon heads. Alfred Schneier Company. 341,464; Dec. 8; Serial No. 381,380; published Sept. 29, 1936.

Spindle for use in siphon heads. Alfred Schneier Company. 341,465; Dec. 8; Serial No. 381,381; published Sept. 29, 1936.

Trap plugs. K & S Specialty Company. 341,346; Dec. 8; Serial No. 369,193; published Sept. 29, 1936.

Tube for use in siphon heads. Alfred Schneier Company. 341,467; Dec. 8; Serial No. 381,383; published Sept. 29, 1936.

Valve for use in siphon heads. Alfred Schneier Company. 341,463; Dec. 8; Serial No. 381,379; published Sept. 29, 1936.

CLASS 14

Alloys, Copper base metal. Ajax Metal Company. 114,669; renewed Jan. 2, 1937.

Alloys, Welding. Westinghouse Electric & Manufacturing Company. 341,423; Dec. 8; Serial No. 380,814; published Sept. 29, 1936.

Babbitt metal. Ajax Metal Company. 114,670; renewed Jan. 2, 1937.

Ingots, castings consisting of engine-castings not finished, machine-bearings, and babbitt metal. Ajax Metal Company. 114,668; renewed Jan. 2, 1937.

CLASS 15

Oil, Illuminating. Tide Water Oil Co. 116,017; renewed Mar. 27, 1937.

CLASS 16

Artists' materials. Rich Art Color Company. 341,323; Dec. 8; Serial No. 354,661; published Sept. 29, 1936.

Paint. S. Prichard. 341,324; Dec. 8; Serial No. 356,232; published Sept. 29, 1936.

Paint. Valentine & Company. 341,444; Dec. 8; Serial No. 381,296; published Sept. 29, 1936.

CLASS 17

Cigars. United Cigar Stores Delaware Corporation. 341,391; Dec. 8; Serial No. 379,653; published Sept. 29, 1936.

Cigars. United Cigar Stores Delaware Corporation. 341,400; Dec. 8; Serial No. 380,243; published Sept. 29, 1936.

Cigars, cigarettes, little cigars, etc. Philippine Tobacco Co. 341,416; Dec. 8; Serial No. 380,586; published Sept. 29, 1936.

Tobacco. United Cigar Stores Delaware Corporation. 341,398–9; Dec. 8; Serial Nos. 380,130–1; published Sept. 29, 1936.

CLASS 19

Airplanes. Glenn L. Martin Company. 341,381; Dec. 8; Serial No. 379,005; published Sept. 29, 1936.

Automobiles. L. G. Motors (Staines) Limited. 341,372; Dec. 8; Serial No. 378,107; published Sept. 29, 1936.

Bicycles. Cleveland Welding Company. 341,490; Dec. 8; Serial No. 381,558; published Sept. 29, 1936.

Bicycles and parts and accessories. Spiegel Bros. Corporation. 341,364; Dec. 8; Serial No. 376,962; published Sept. 29, 1936.

Carriages, Baby. F. A. Whitney Carriage Co. 341,360; Dec. 8; Serial No. 376,110; published Sept. 29, 1936.
Mirrors for autos, windshield wipers, radiators, etc. Wise Motor Supply Co. 341,552; Dec. 8.
Trailers. Mullins Manufacturing Corporation. 341,414; Dec. 8; Serial No. 380,581; published Sept. 29, 1936.
Vehicle bodies and end-gates. H. A. Nelson. 341,390; Dec. 8; Serial No. 379,562; published Sept. 29, 1936.

CLASS 21

Amplifiers, Motion picture. M. Wenzel. 341,425; Dec. 8; Serial No. 380,935; published Sept. 29, 1936.
Electric display, identification, and advertising signs. Clifford & Company. 341,442; Dec. 8; Serial No. 381,259; published Sept. 29, 1936.
Electric insulating compositions made principally of mica. N. Miller. 341,377; Dec. 8; Serial No. 378,847; published Sept. 29, 1936.
Electric motors. D. M. Stevenson. 341,509; Dec. 8; Serial No. 381,791; published Sept. 29, 1936.
Electrically automatic fire detecting, signalling, and directing systems. Garrison Engineering Corporation. 341,325; Dec. 8; Serial No. 358,051; published Sept. 29, 1936.
Radio receiving sets. Ignition Service & Supply Company. 341,550; Dec. 8.
Radio receiving sets and parts thereof. Hale Bros. Stores, Inc. 341,411; Dec. 8; Serial No. 380,568; published Sept. 29, 1936.
Radio receiving sets and parts thereof. C. D. Kaufmann. 341,546; Dec. 8.
Switches, Fuse. James R. Kearney Corporation. 341,349; Dec. 8; Serial No. 371,164; published Sept. 29, 1936.

CLASS 22

Carousels. C. W. Parker. 112,925; renewed Oct. 3, 1936.
Games. Benu Lon Products Co. 341,524; Dec. 8; Serial No. 381,959; published Sept. 29, 1936.

CLASS 23

Hacksaw blades. L. S. Starrett Company. 341,521; Dec. 8; Serial No. 381,882; published Sept. 29, 1936.
Razor blades. W. Alt. 341,489; Dec. 8; Serial No. 381,549; published Sept. 29, 1936.
Razor blades. Federal Razor Blade Company. 341,516; Dec. 8. Serial No. 381,866; published Sept. 29, 1936.
Razor blades. J. Less. 341,350; Dec. 8; Serial No. 372,325; published Jan. 28, 1936.
Razors and razor blades. Conrad Razor Blade Co. Inc. 341,511; Dec. 8; Serial No. 381,799; published Sept. 29, 1936.
Saws, hatchets, hammers, etc. Linkway Stores Company. 341,369; Dec. 8; Serial No. 377,551; published Sept. 29, 1936.
Sewing machine shuttle bodies. Singer Manufacturing Company. 341,406; Dec. 8; Serial No. 380,464; published Sept. 29, 1936.
Tools for cutting. Thomas Prosser & Son. 341,327–8; Dec. 8; Serial Nos. 365,316–7; published Sept. 29, 1936.
Tools, Hand operated. Union Fork & Hoe Company. 341,333; Dec. 8; Serial No. 367,636; published Sept. 29, 1936.
Tools, Hand operated. Union Fork & Hoe Company. 341,334–5; Dec. 8; Serial Nos. 367,639–40; published Sept. 29, 1936.
Tools, Hand operated. United Fork & Hoe Company. 341,336–7; Dec. 8; Serial Nos. 367,643–4; published Sept. 29, 1936.
Tools, Hand operated. Union Fork & Hoe Company. 341,339; Dec. 8; Serial No. 367,744; published Sept. 29, 1936.
Tools, Hand operated. Union Fork & Hoe Company. 341,340; Dec. 8; Serial No. 367,746; published Sept. 29, 1936.
Tools, Hand operated. Union Fork & Hoe Company. 341,342; Dec. 8; Serial No. 368,013; published Sept. 29, 1936.
Tools, Hand operated. Union Fork & Hoe Company. 341,345; Dec. 8; Serial No. 368,718; published Sept. 29, 1936.
Tools, Machine. Cincinnati Milling Machine Company. 341,429–30; Dec. 8; Serial No. 381,020–1; published Sept. 29, 1936.

CLASS 24

Agitators for laundry washing machines. Easy Washing Machine Corporation. 341,354; Dec. 1; Serial No. 374,746; published Mar. 24, 1936.
Containers for use in laundries, Mesh net. Tingue, Brown & Co. 341,449–50; Dec. 8; Serial Nos. 381,334–5; published Sept. 29, 1936.
Containers for use in laundries, Mesh net. Tingue, Brown & Co. 341,452; Dec. 8; Serial No. 381,337; published Sept. 29, 1936.
Containers for use in laundries, Mesh net. Tingue, Brown & Co. 341,454; Dec. 8; Serial No. 381,341; published Sept. 29, 1936.
Containers for use in laundries, Mesh net. Tingue, Brown & Co. 341,456; Dec. 8; Serial No. 381,343; published Sept. 29, 1936.
Containers for use in laundries, Mesh net. Tingue, Brown & Co. 341,458; Dec. 8; Serial No. 381,345; published Sept. 29, 1936.
Extractors, Centrifugal. American Laundry Machinery Company. 341,386; Dec. 8; Serial No. 379,409; published Sept. 29, 1936.
Laundry-washing machine. Grinnell Washing Machine Company. 115,328; renewed Feb. 6, 1937.

CLASS 26

Combination apparatus for synchronous recording and reproduction of sound and light effects known as sound-movies, and sensitized films and parts thereof. Cinaudagraph Corporation. 341,393; Dec. 8; Serial No. 379,786; published Sept. 29, 1936.
Regulating and control apparatus. Bailey Meter Company. 341,384; Dec. 8; Serial No. 379,286; published Sept. 29, 1936.

CLASS 28

Necklaces, Pearl bead. Bloomingdale Bros., Inc. 341,373; Dec. 8; Serial No. 378,177; published Sept. 8, 1936.

CLASS 29

Tooth brushes. Colgate-Palmolive-Peet Company. 341,457; Dec. 8; Serial No. 382,344; published Sept. 29, 1936.
Tooth brushes. Pro-phy-lac-tic Brush Company. 341,472; Dec. 8; Serial No. 381,421; published Sept. 29, 1936.

CLASS 32

Bed springs. Burton-Dixie Corporation. 341,329; Dec. 8; Serial No. 365,983; published Oct. 1, 1935.
Cushions and mattresses, Combined spring and felted. Nachman Company. 112,921; renewed Oct. 3, 1936.
Furniture. Barker Bros., Incorporated. 341,549; Dec. 8.
Shades, Paper and cloth window. S. H. Kress and Company. 341,355; Dec. 8; Serial No. 374,973; published Apr. 28, 1936.
Tie racks and picture frames. Swank Products, Inc. 341,515; Dec. 8; Serial No. 381,856; published Sept. 29, 1936.
Wardrobes, chiffarobes, closets, etc., Cedar. Lane Company. 341,498; Dec. 8; Serial No. 381,626; published Sept. 29, 1936.

CLASS 34

Boiler units and/or systems, etc., Oil burning heating. May Oil Burner Corporation. 341,514; Dec. 8; Serial No. 381,846; published Sept. 29, 1936.
Lighters and parts thereof, Cigar and cigarette catalytic. Progress Corporation. 341,382; Dec. 8. Serial No. 379,011; published Sept. 29, 1936.

CLASS 35

Brake lining sets. Asbestos Manufacturing Company. 341,326; Dec. 8; Serial No. 363,545; published Sept. 29, 1936.
Brake linings and clutch facing. Bondall Company. 341,352; Dec. 8; Serial No. 372,954; published Sept. 29, 1936.
Hose, Rubber. Electric Hose and Rubber Company. 341,394–6; Dec. 8; Serial Nos. 379,949–51; published Sept. 29, 1936.

CLASS 36

Cornets with registers, bugles, musical trumpets, etc. Société Anonyme Couesnon. 341,332; Dec. 8; Serial No. 366,882; published Sept. 29, 1936.

CLASS 37

Binders, Loose leaf. G. G. Mevi. 341,513; Dec. 8; Serial No. 381,829; published Sept. 29, 1936.
Books, loose leaf fillers and binders, Composition. S. E. & M. Vernon, Inc. 341,432; Dec. 8; Serial No. 381,114; published Sept. 22, 1936.
Paper, Bond writing. Tobey-Fine Papers, Inc. 341,427; Dec. 8; Serial No. 380,977; published Sept. 29, 1936.
Paper, Wrapping. Charles F. Hubbs & Company. 341,512; Dec. 8; Serial No. 381,811; published Sept. 29, 1936.
Papers, Printing and writing. Whiting-Plover Paper Company. 341,486; Dec. 8; Serial No. 381,541; published Sept. 29, 1936.
Pens and parts thereof, Fountain. United Jewelers, Inc. 113,055; renewed Oct. 24, 1936.
Tissues, Cleansing. National Cellulose Corporation. 341,363; Dec. 8; Serial No. 376,687; published Sept. 29, 1936.

CLASS 38

Articles on musical subjects in newspapers. H. Irion. 341,548; Dec. 8.
Labels, Printed grease-proof. Tompkins' Label Service. 341,539–40; Dec. 8.
Magazine, Monthly. Modern Publishing Company. 112,687; renewed Sept. 19, 1936.
Paper, Daily sugar. Willett & Gray. 116,107–8; renewed Apr. 3, 1937.

CLASS 39

Coats and suits, Ladies'. Lou Tishman Co. Inc. 341,358; Dec. 8; Serial No. 375,411; published Sept. 29, 1936.
Coats, suits, skirts, etc., Ladies'. Poller, Bauman & Stoll. 341,435; Dec. 8; Serial No. 381,133; published Sept. 22, 1936.
Collars, negligee and dress shirts, and pajamas for men. Enro Shirt Co. 341,405; Dec. 8; Serial No. 380,445; published Sept. 29, 1936.
Cravats, four-in-hand ties, bow ties, etc. Follmer, Clogg & Co. Inc. 341,402; Dec. 8; Serial No. 380,271; published Sept. 29, 1936.
Dresses and blouses. Cohen Bros. Corp. 341,410; Dec. 8; Serial No. 380,551; published Sept. 29, 1935.

Hose and half-hose. Danita Hosiery Mills. 341,433; Dec. 8; Serial No. 381,122; published Sept. 15, 1936.
Hose, Men's. Moorhead Knitting Company. 341,461; Dec. 8; Serial No. 381,373; published Sept. 22, 1936.
Hosiery. J. W. Landenberger & Co. 341,412; Dec. 8; Serial No. 380,574; published Sept. 29, 1936.
Hosiery. T. A. Lee. 341,421; Dec. 8; Serial No. 380,776; published Sept. 15, 1936.
Hosiery, Women's. Van Raalte Company. 341,439; Dec. 8; Serial No. 381,177; published Sept. 29, 1936.
Neckties. A. M. Silberberg. 341,441; Dec. 8; Serial No. 381,225; published Sept. 15, 1936.
Overshoes and boots, Rubber. Sears, Roebuck and Co. 114,658; renewed Dec. 26, 1936.
Pajamas, underwear, polo shirts, etc. Mayer-Stern, Incorporated. 341,445–6; Dec. 8; Serial Nos. 381,317–8; published Sept. 29, 1936.
Robes and bath robes, Lounging. Rabhor Co. 341,462; Dec. 8; Serial No. 381,377; published Sept. 22, 1936.
Slips, gowns, pajamas, etc. A. H. Rich Corporation. 341,436; Dec. 8; Serial No. 381,135; published Sept. 15, 1936.
Slips, Ladies'. Charles Komar & Sons. 341,437; Dec. 8; Serial No. 381,162; published Sept. 29, 1936.
Suits and overcoats. Palace Clothiers. 341,438; Dec. 8; Serial No. 381,170; published Sept. 15, 1936.
Suits, sweaters, and cloaks, Ski or snow. Bradley Knitting Company. 341,353; Dec. 8; Serial No. 373,557; published Sept. 29, 1936
Trousers and rain-coats. S. Newman. 115,373; renewed Feb. 6, 1937.

CLASS 42

Canvas in the piece, Apron. Tingue, Brown & Co. 341,448; Dec. 8; Serial No. 381,333; published Sept. 29, 1936.
Canvas in the piece, Apron. Tingue, Brown & Co. 341,451; Dec. 8; Serial No. 381,336; published Sept. 29, 1936.
Canvas in the piece, Apron. Tingue, Brown & Co. 341,453; Dec. 8; Serial No. 381,340; published Sept. 29, 1936.
Canvas in the piece, Apron. Tingue, Brown & Co. 341,455; Dec. 8; Serial No. 381,342; published Sept. 29, 1936.
Canvas in the piece, Apron. Tingue, Brown & Co. 341,459; Dec. 8; Serial No. 381,348; published Sept. 29, 1936.
Cotton, rayon, acetate, and/or silk piece goods. Cohn-Hall-Marx Co. 341,532; Dec. 8; Serial No. 382,115; published Sept. 29, 1936.
Cotton, silk, rayon, and woolen piece goods. Marshall Field & Company. 341,525; Dec. 8; Serial No. 381,980; published Sept. 29, 1936.
Elastic. Narrow Fabric Company. 341,440; Dec. 8; Serial No. 381,214; published Sept. 29, 1936.
Mohair pile fabrics in the piece. Sidney Blumenthal & Co. Inc. 341,460; Dec. 8; Serial No. 381,352; published Sept. 29, 1936.
Piece goods. Manville Jenckes Corporation. 341,431; Dec. 8; Serial No. 381,040; published Sept. 29, 1936.
Piece goods made of silk and/or artificial silk. Excello Fabrics, Inc. 341,531; Dec. 8; Serial No. 382,091; published Sept. 29, 1936.
Rugs and carpets. Nye-Wait Company. 341,499; Dec. 8; Serial No. 381,628; published Sept. 29, 1936.
Textile fabrics. M. Weiner. 341,476; Dec. 8; Serial No. 381,439; published Sept. 29, 1936.
Woolen, worsted, tropical fabrics in the piece and crashes. Terhune, Yereance & Wolff, Inc. 341,543; Dec. 8.

CLASS 43

Thread, Cotton. J. Thiriez Pere & Fils & Cartier-Bresson, Societe a Responsabilite Limitee. 341,475; Dec. 8; Serial No. 381,435; published Sept. 29, 1936.
Yarn. J. W. Landenberger & Co. 341,413; Dec. 8; Serial No. 380,577; published Sept. 29, 1936.

CLASS 44

Dentures and denture parts. Austernal Laboratories, Inc. 341,500; Dec. 8; Serial No. 381,652; published Sept. 29, 1936.
Sanitary napkins. International Celucotton Products Company. 341,480; Dec. 8; Serial No. 381,485; published Sept. 29, 1936.
Suture material for surgical use. Jetter & Scheerer Products, Inc. 341,485; Dec. 8; Serial No. 381,532; published Sept. 29, 1936.

CLASS 45

Beverages and sirups and extracts. T. Scrutchin. 341,474; Dec. 8; Serial No. 381,426; published Sept. 29, 1936.
Grape-juice and apple nectar. Austin, Nichols & Co. 114,859; renewed Jan. 9, 1937.

CLASS 46

Biscuits, bread, crackers, etc. Mountain City Mill Co. 341,331; Dec. 8; Serial No. 366,574; published Sept. 29, 1936.
Bread, cakes, doughnuts, and pastries. G. A. Mackay. 341,408; Dec. 8; Serial No. 380,479; published Sept. 29, 1936.
Canned grapefruit, grapefruit juice, Bartlett pears, etc. Shield Foods, Inc. 341,362; Dec. 8; Serial No. 376,412; published Sept. 29, 1936.
Canned tuna. Point Loma Tuna Packers, Inc. 341,508; Dec. 8; Serial No. 381,782; published Sept. 29, 1936.
Cheese food compound. F. X. Baumert & Co. 341,357; Dec. 8; Serial No. 375,197; published Sept. 29, 1936.
Flour mixture, Ready prepared. Doughnut Corporation of America. 341,544; Dec. 8.
Flour, Wheat. Arkansas City Flour Mills Co. 341,424; Dec. 8; Serial No. 380,898; published Sept. 29, 1936.
Flour, Wheat. Commander-Larabee Milling Company. 341,501; Dec. 8; Serial No. 381,661; published Sept. 29, 1936.
Food preparation. M. Lear. 341,361; Dec. 8; Serial No. 376,173; published Sept. 29, 1936.
Foods. Morey Mercantile Company. 113,618; renewed Oct. 24, 1936.
Fruits and vegetables, Fresh. Treat Orchard Co. 341,343; Dec. 8; Serial No. 368,275; published June 16, 1936.
Ice cream, Packaged. Smack Corporation. 341,389; Dec. 8; Serial No. 379,486; published Sept. 29, 1936.
Oleomargarin. Capital City Dairy Co. 113,225; renewed Oct. 10, 1936.
Paprika. Austin, Nichols & Co. 114,678; renewed Jan. 2, 1937.
Peanut butter. General Food Products Co. 341,533; Dec. 8; Serial No. 382,213; published Sept. 29, 1936.
Peanut-oil. Fidelity Cotton Oil Company. 114,155; renewed Dec. 5, 1936.
Sausages. F. G. Vogt & Sons, Inc. 341,422; Dec. 8; Serial No. 380,810; published Sept. 29, 1936.
Vegetable oil. Haug & Co. Inc. 341,404; Dec. 8; Serial No. 380,397; published Sept. 29, 1936.
Vegetable soup powder. W. H. Sweetland. 341,376; Dec. 8; Serial No. 378,680; published Sept. 29, 1936.
Vegetables, Fresh. Constal Produce Association. 341,356; Dec. 8; Serial No. 375,125; published Sept. 29, 1936.
Vegetables, Fresh. Rose Valley Produce Co. 341,359; Dec. 8; Serial No. 376,103; published Sept. 29, 1936.

CLASS 47

Wines. Metropolitan Vineyards Co. 341,471; Dec. 8; Serial No. 381,416; published Sept. 29, 1936.
Wines. Sunny Hill Wineries. 341,487; Dec. 8; Serial No. 381,543; published Sept. 29, 1936.
Wines. Sunny Hill Wineries. 341,488; Dec. 8; Serial No. 381,545; published Sept. 29, 1936.

CLASS 48

Beer. Reichelbriu Aktien-Gesellschaft. 341,378; Dec. 8; Serial No. 378,903; published Sept. 29, 1936.
Beer. Tampa Florida Brewery, Inc. 341,526–7; Dec. 8; Serial Nos. 382,010–11; published Sept. 29, 1936.
Beer or ale. New England Brewing Company. 341,519; Dec. 8; Serial No. 381,874; published Sept. 29, 1936.

CLASS 49

Gin. McKesson & Robbins, Incorporated. 341,536; Dec. 8; Serial No. 382,515; published Sept. 29, 1936.
Liqueurs. Joseph Triner Corporation. 341,528; Dec. 8; Serial No. 382,012; published Sept. 29, 1936.
Rum. C. H. Graves and Sons Company. 341,344; Dec. 8; Serial No. 368,406; published Sept. 29, 1936.
Whiskey. Jas. Barclay & Co. 341,538; Dec. 8; Serial No. 382,585; published Sept. 29, 1936.
Whiskey. Louis Hilfer Company. 341,535; Dec. 8; Serial No. 382,432; published Sept. 29, 1936.
Whiskey, Pure rye. Liberty Distilleries, Inc. 341,366; Dec. 8; Serial No. 377,052; published May 19, 1936.
Whiskeys, brandies, gins, etc. J. S. Polefsky. 341,537; Dec. 8; Serial No. 382,522; published Sept. 29, 1936.
Whisky. George Ballantine & Son, Limited. 341,330; Dec. 8; Serial No. 366,547; published Oct. 1, 1935.

CLASS 50

Caps or tops for receptacles, Dispensing. Double Duty Products, Inc. 341,434; Dec. 8; Serial No. 381,124; published Sept. 29, 1936.
Matrix or flong used in stereotyping. Rapid Electrotype Co. 341,494; Dec. 8; Serial No. 381,576; published Sept. 29, 1936.

LIST OF LABELS

Admiration E R S. For Cigars. E. Regensburg & Sons. 48,490; Dec. 8.
Akalyn. For a Medicinal Preparation for the Relief of Pain from Headaches, Neuralgia and Inorganic Causes. Akalyn Company. 48,453; Dec. 8.
Beech-Nut. For Strained Foods. Beech-Nut Packing Company. 48,454; Dec. 8.
Beech-Nut Concord Grape Jelly. For Grape Jelly. Beech-Nut Packing Company. 48,455; Dec. 8.

Beech-Nut Peppermint Beechies. For Chewing Gum. Beech-Nut Packing Company. 48,457; Dec. 8.
Beech-Nut Pepsin Beechies. For Chewing Gum. Beech-Nut Packing Company. 48,456; Dec. 8.
Beech-Nut Spearmint Beechies. For Chewing Gum. Beech-Nut Packing Company. 48,458; Dec. 8.
Blue and White Brand Bread. For Bread. My Bread Baking Company. 48,479; Dec. 8.
Burry's Pixies. For Cookies and Biscuits. Burry Biscuit Corporation. 48,460; Dec. 8.
Delicious Cracked Wheat Bread. For Cracked White Bread. Rapinwax Paper Company. 48,488; Dec. 8.
Dr. Scholl's Presto Mercurochrome (H. W. & D.) Medicated Soft Corn Pads. For Soft Corn Pads. Scholl Mfg. Co. 48,493; Dec. 8.
Dr. Scholl's Presto Mercurochrome (H. W. & D.) Medicated Corn Pads. For Corn Pads. Scholl Mfg. Co. 48,494; Dec. 8.
Dr. Scholl's Presto Mercurochrome (H. W. & D.) Medicated Callous Pads. For Callous Pads. Scholl Mfg. Co. 48,495; Dec. 8.
Fifty 55 Five. For Enamel. Circle Brush & Paint Co. 48,461; Dec. 8.
"Golden Flow" Brand. For Orange Juice. Pure Foods Corporation. 48,487; Dec. 8.
Golden Krust. For Bread. Pollock Paper & Box Company. 48,485; Dec. 8.
Goodman's. For Pure Egg Noodles. A. Goodman & Sons, Inc. 48,464; Dec. 8.
Gor-Jus. For a Liquid Preparation for Setting Waves in the Hair. Shush Laboratories. 48,496; Dec. 8.
Grand Rapids Export Brand. For Beer. Grand Rapids Brewing Company. 48,465; Dec. 8.
Her Royal Highness. For Waffle Wafers. Rice & Townsend. 48,491; Dec. 8.
Hi-Brau. For Ale. Grand Rapids Brewing Company. 48,466; Dec. 8.
Hunsley's Clima-Tized Paints from the House of Color. For House Paints. A. B. Hunsley. 48,467; Dec. 8.
Imperial. For Sparkling Water. Imperial Beverage Company. 48,468; Dec. 8.
Imperial. For Orange Soda. Imperial Beverage Company. 48,469; Dec. 8.
Imperial. For Club Soda. Imperial Beverage Company. 48,470; Dec. 8.
Imperial. For Root Beer. Imperial Beverage Company. 48,471; Dec. 8.
Imperial. For Strawberry Soda. Imperial Beverage Company. 48,472; Dec. 8.
Imperial. For Lime Rickey. Imperial Beverage Company. 48,473; Dec. 8.
Imperial. For Cherry Soda. Imperial Beverage Company. 48,474; Dec. 8.
Nannette Toddlers. For Children's Frocks and Suits. Nannette Manufacturing Company. 48,480; Dec. 8.
Nation's Pride. For Canned California Solid Pack Tomatoes. National Packing Co. 48,481; Dec. 8.
Nation's Treat. For California Spanish Style Hot Sauce. National Packing Co. 48,482; Dec. 8.
101 Dish Cloth. For Cloths for Washing Dishes, Dusting and Polishing. Reading Towel Mfg. Co. 48,489; Dec. 8.
Oregon Bond. For Fine Printing Paper. Pulp & Paper Trading Company. 48,486; Dec. 8.
Our Betsy. For Tomatoes. Land O' The Sky Mutual Association, Inc. 48,475; Dec. 8.
Paul's Kreamo Bread. For Bread. Paul's Bread Co. 48,483; Dec. 8.
Pfeiffer's Famous Jumbo Beer. For Beer. Pfeiffer Brewing Company. 48,484; Dec. 8.
Raisin Bread Sliced. For Raisin Bread. Waxide Paper Company. 48,503; Dec. 8.
Red Heart. For Dog Biscuits. John Morrell & Co. 48,478; Dec. 8.
Rose Marie. For Wine. Sandusky Wineries, Inc. 48,492; Dec. 8.
Royal. For Vanilla Pudding. Standard Brands Incorporated. 48,497; Dec. 8.
Rye Bread Sliced. For Rye Bread. Waxide Paper Company. 48,504; Dec. 8.
Sandwich Loaf Delicious Bread Sliced. For Sandwich Loaf Bread. Waxide Paper Company. 48,502; Dec. 8.
Sa-Vo Shortening. For Shortening. F. G. Vogt & Sons, Inc. 48,501; Dec. 8.
Shoe Salon Copley Corinne Arch Preserver Footwear. For Footwear. A. C. Clayton Printing Co. 48,462; Dec. 9.
Silk Tissue. For Toilet Paper. Glass Sales Agency, Inc. 48,463; Dec. 8.
Squared Roll. For Butter. Frederick F. Lowenfels & Son. 48,476; Dec. 8.
Storm-Pruf Asbestos Plastic Roof Cement. For Asbestos Plastic Roof Cement. D. Brown Co. 48,459; Dec. 8.
Tudor Paste Wax. For Paste Wax. Tudor Wax Co. 48,498; Dec. 8.
Vapo Bubbles. For a Cleaning Preparation. Vapo Products Company. 48,499; Dec. 8.
Vogt's Lard. For Lard. F. G. Vogt & Sons, Inc. 48,500; Dec. 8.
Wilkerson. For Footwear. Frank C. Meyer Co. Inc. 48,477; Dec. 8.

LIST OF PRINTS

Aristos Red Turkey Wheat Flour. For Wheat Flour. Southwestern Milling Company. 2,352; renewed Sept. 29, 1936.
"As 'Beau Brummell' Goes—So Goes the Fashion!" For Ties. Weisbaum Bros., Brower Company. 15,953; Dec. 8.
Beech-Nut Peppermint Beechies. For Chewing Gum. Beech-Nut Packing Company. 15,936; Dec. 8.
Beech-Nut Pepsin Beechies. For Chewing Gum. Beech-Nut Packing Company. 15,937; Dec. 8.
Beech-Nut Spearmint Beechies. For Chewing Gum. Beech-Nut Packing Company. 15,935; Dec. 8.
Beer, the Light Refreshment Beverage of Tens of Millions of Normal Temperate People. For Beer. Olympia Brewing Company. 15,946; Dec. 8.
Bigelow's Carpet Spectrum. For Carpets. Bigelow-Sanford Carpet Co. Inc. 15,938; Dec. 8.
Cash Refund Day. For Men's Wear. J. L. Pfaelzer. 15,947; Dec. 8.
For Best Results, Ad. No. 2653. For Malt Extract. Premier-Pabst Corporation. 15,948; Dec. 8.
Get in the Game, Mother!. For Wheat Breakfast Food. Cream of Wheat Corporation. 15,939; Dec. 8.
Get the Thrift Habit. For Flower-Crepe Dresses, Swim Suits, and Silk Slips. A. I. Namm & Son. 15,945; Dec. 8.
Highest Quality, Ad. No. 2654. For Malt Extract. Premier-Pabst Corporation. 15,949; Dec. 8.
Make It Pabst—While the Sun Shines, Ad. No. 5355. For Beer and Ale. Premier-Pabst Corporation. 15,952; Dec. 8.
Mother Goose Stories. For a Cereal Breakfast Food. Kellogg Company. 15,941; Dec. 8.
Mother Goose Stories—Old King Cole. For a Cereal Breakfast Food. Kellogg Company. 15,943; Dec. 8.
Mother Goose Stories—Tommy Tucker's Birthday. For a Cereal Breakfast Food. Kellogg Company. 15,942; Dec. 8.
Mother Goose Stories—The Old Woman Who Lived in a Shoe. For a Cereal Breakfast Food. Kellogg Company. 15,944; Dec. 8.
Perfo-Scorsheet. For Bowling Pins, Balls, etc. L. J. Gazzolo. 15,940; Dec. 8.
Selected Barley, Ad. No. 2655. For Malt Extract. Premier-Pabst Corporation. 15,950; Dec. 8.
The Freshest Thing in Town. For Rye Bread. Frederic W. Ziv, Inc. 15,954; Dec. 8.
The Seventh Inning Stretch for Pabst—Ad. No. 5354. For Beer and Ale. Premier-Pabst Corporation. 15,951; Dec. 8.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 8TH DAY OF DECEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Barnes, John A., Chappaqua, N. Y., assignor to The Superheater Company, New York, N. Y. Marine type superheater boiler. 20,192; Dec. 8.
Belluche, Frank R., assignor to Christensen Machine Company, Racine, Wis. Method of and apparatus for feeding sheets. 20,194; Dec. 8.
Berger, Clarence E., Shrewsbury, N. J., assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Rheostat. 20,195; Dec. 8.
Browne, Frank A., Wayne, Pa., assignor, by mesne assignments of one-half to Walworth Patents, Inc., Boston, Mass., and one-half to Merco Nordstrom Valve Company, Pittsburgh, Pa. Plug valve. 20,196; Dec. 8.
Chemipulp Process Inc. (See Merrill, Albert D., assignor.)
Christensen Machine Company. (See Belluche, Frank R., assignor.)
Crowe, James H., assignor to The Midland Steel Products Company, Cleveland, Ohio. Automobile chassis frame and making same. 20,197; Dec. 8.
Freeman, Benjamin W., Cincinnati, Ohio. Cut-out machine for shoe uppers. 20,202; Dec. 8.
Freeman, Benjamin W., Cincinnati, Ohio. Cut-out machine for shoe uppers. 20,203; Dec. 8.
Hanson-Van Winkle-Munning Company. (See Berger, Clarence E., assignor.)
Harris, Romaine R., Portland, Oreg. Steering apparatus for multiwheel vehicles. 20,198; Dec. 8.
Lasker, William W., Jr., Brooklyn, N. Y. Carrying mechanism for tabulating machines. 20,199; Dec. 8.
Merco Nordstrom Valve Company, et al. (See Browne, Frank A., assignor.)
Merrill, Albert D., assignor to Chemipulp Process Inc., Watertown, N. Y. Treatment of digestion liquors. 20,200; Dec. 8.
Midland Steel Products Company, The. (See Crowe, James H., assignor.)
Sivon, Charles A. (See Sivon, Stephen U., and C. A.)
Sivon, Stephen U., Ravenna, and C. A. Sivon, Painesville, Ohio. Phimosis hemostatic forceps. 20,201; Dec. 8.
Superheater Company, The. (See Barnes, John A., assignor.)
Swarovski, Daniel, Wattens, Tycol, Austria. Articles of jewelry and ornaments. 20,193; Dec. 8.
Walworth Patents, Inc., et al. (See Browne, Frank A., assignor.)

LIST OF PLANT PATENTEES

Florex Gardens, The. (See Lukens, George E., assignor.)
Lukens, George E., assignor to The Florex Gardens, North Wales, Pa. Rose. 209; Dec. 8.

LIST OF DESIGN PATENTEES

Arnold, Albert O., Kansas City, Mo. Child's rocker. 102,246; Dec. 8.
Bardet, Germaine, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 102,311; Dec. 8.
Bishop Company, The. (See Bishop, Frederick R., assignor.)
Bishop, Frederick R., assignor to The Bishop Company, North Attleboro, Mass. Spectacle front. 102,313; Dec. 8.
Blackstone, Jack J., New York, N. Y. Textile fabric. 102,247; Dec. 8.
Boepple, Hans, New York, N. Y. Sweater. 102,248; Dec. 8.
Boepple, Hans, New York, N. Y. Sweater. 102,249; Dec. 8.
Borden Company, The. (See Flannery, Vaughn, assignor.)
Bowker, William, Union, N. J., assignor to Celluloid Corporation. Plastic sheet or similar article. 102,250; Dec. 8.
Bowker, William, Union, N. J., assignor to Celluloid Corporation. Plastic sheet or similar article. 102,251; Dec. 8.
Bressler, Albert M., New York, N. Y. Sandal. 102,305; Dec. 8.
Brown, Seymour, New York, N. Y. Tablecloth. 102,252; Dec. 8.
Brown, Seymour, New York, N. Y. Tablecloth. 102,253; Dec. 8.
Burry Biscuit Corporation. (See Burry, George W., assignor.)
Burry, George W., Hillside, N. J., assignor to Burry Biscuit Corporation, Linden, N. J. Cooky. 102,254; Dec. 8.
Carr-Lowrey Glass Company. (See Kohl, William R., assignor.)
Castro, Emanuel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 102,255; Dec. 8.
Castro, Emanuel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 102,256; Dec. 8.
Castro, Emanuel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 102,257; Dec. 8.
Castro, Emanuel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 102,258; Dec. 8.
Castro, Emanuel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 102,259; Dec. 8.
Castro, Emanuel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 102,260; Dec. 8.
Celluloid Corporation. (See Bowker, William, assignor.)
Chess, Mary, Inc. (See Nuckols, Walter S., assignor.)
Christen, Marcel, assignor to Mitchell & Weber, Inc., New York, N. Y. Textile fabric. 102,261; Dec. 8.
Christen, Marcel, assignor to Mitchell & Weber, Inc., New York, N. Y. Textile fabric. 102,297; Dec. 8.
Cohen, David, Brooklyn, N. Y. Shoe. 102,262; Dec. 8.
Cohen, David C., et al. (See Trojan, Jose, assignor.)
Cohn-Hall-Marx Co. (See Headon, Frank, assignor.)
Cohn-Hall-Marx Co. (See Schmid, Werner, assignor.)
Concord Silversmiths Corporation. (See Simms, Charles F., assignor.)
Crystal Manufacturing Co. (See Trojan, Jose.)
Ely, Edwin D., Troy, Pa. Combined garage and tool tray. 102,263; Dec. 8.
Englebardt, Charles P., assignor to Oldetyme Distillers, Inc., New York, N. Y. Bottle. 102,264; Dec. 8.
Evans, Howell G., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Dentist's combined pedestal cabinet and work holder or the like. 102,265; Dec. 8.
Faulhaber, Roland W., assignor to The Lobdell-Emery Manufacturing Company, Alma, Mich. Cycle saddle. 102,266; Dec. 8.
Felmann, Henri, assignor to Morris, Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 102,267; Dec. 8.
Felmann, Henri, assignor to Morris, Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 102,306; Dec. 8.
Felmann, Henri, assignor to Morris, Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 102,307; Dec. 8.
Felmann, Henri, assignor to Morris, Mann & Reilly, Inc., Chicago, Ill. Lady's handbag. 102,308; Dec. 8.
Francis, Lynn M., Birmingham, assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Automobile carrying trailer. 102,309; Dec. 8.
Flannery, Vaughn, assignor to The Borden Company, New York, N. Y. Bottle. 102,268; Dec. 8.

Fowler, William S., assignor to Hampden Glazed Paper & Card Co., Holyoke, Mass. Cover paper or similar article. 102,269; Dec. 8.
Freske, Theresa, Minneapolis, Minn. Crucifix or the like. 102,270; Dec. 8.
Gehring, Frank P., New York, N. Y. Lace. 102,298; Dec. 8.
Gehring, Frank P., New York, N. Y. Lace. 102,299; Dec. 8.
Goldberg, Leon, New York, N. Y. Child's slipper. 102,271; Dec 8.
Greenleaf, William H., Chicago, Ill. Weighing scale or similar article. 102,272; Dec. 8.
Hamilton Manufacturing Company. (See Evans, Howell G., assignor.)
Hammond, Dean B., Ypsilanti, Mich., assignor, by mesne assignments, to Stearman-Hammond Aircraft Corporation, San Francisco, Calif. Airplane. 102,300; Dec. 8.
Hampden Glazed Paper & Card Co. (See Fowler, William S., assignor.)
Headon, Frank, assignor to Cohn-Hall-Marx Co., New York, N. Y. Textile fabric or similar article. 102,273; Dec. 8.
Hopkins, George J., assignor to McCray Refrigerator Company, Kendallville, Ind. Refrigerator case or the like. 102,274; Dec. 8.
Housholder, Owen, et al. (See Trojan, Jose, assignor.)
Hübener, Karl, Hanover, Germany. Rubber tire. 102,275; Dec. 8.
Huber, Otto E., Reading, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 102,276; Dec. 8.
Huber, Otto E., Reading, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 102,277; Dec. 8.
Hughes, Edwin J., Jr., Larchmont, N. Y. Golf bag. 102,278; Dec. 8.
Kirschenbaum, Samuel N., New York, N. Y. Textile fabric. 102,301; Dec. 8.
Kohl, William R., Chicago, Ill., assignor to Carr-Lowrey Glass Company, Baltimore, Md. Bottle. 102,279; Dec. 8.
Kolmar, Inc. (See Marks, Henry A., assignor.)
Jones, Albert A., Lincoln, Nebr. Road sign. 102,280; Dec. 8.
Lobdell, Benjamin N., assignor to The Lobdell-Emery Manufacturing Company, Alma, Mich. Cycle saddle. 102,281; Dec. 8.
Lobdell-Emery Manufacturing Company, The. (See Faulhaber, Roland W., assignor.)
Lobdell-Emery Manufacturing Company, The. (See Lobdell, Benjamin N., assignor.)
Marks, Henry A., assignor to Kolmar, Inc., Cincinnati, Ohio. Bottle. 102,282; Dec. 8.
Marrow, Jerome W., assignor to J. W. Marrow Manufacturing Company, Chicago, Ill. Bottle. 102,283; Dec. 8.
Marrow, J. W. Manufacturing Company. (See Marrow, Jerome W., assignor.)
McCoy, Luther E., Portland, Oreg. Display case. 102,284; Dec. 8.
McCray Refrigerator Company. (See Hopkins, George J., assignor.)
Mechanical Handling Systems, Inc. (See Francis, Lynn M., assignor.)
Miller, Otto C., Philadelphia, Pa. Stocking. 102,285; Dec. 8.
Mitchell & Weber, Inc. (See Christen, Marcel, assignor.)
Moore, Herman E., assignor to Parsons Casket Hardware Company, Belvidere, Ill. Casket handle. 102,286; Dec. 8.
Morris, Mann & Reilly, Inc. (See Felmann, Henri, assignor.)
Morrow, Earle L., Johnston, assignor to Frank Morrow & Co. Inc., Providence, R. I. Jewelry finding for pins or the like. 102,287; Dec. 8.
Morrow, Frank, & Co. Inc. (See Morrow, Earle L., assignor.)
Murrin, Gahlbeth H., Pasadena, Calif. Drawer pull. 102,288; Dec. 8.
Narrow Fabric Company, The. (See Huber, Otto E., assignor.)
Nuckols, Walter S., Short Hills, N. J., assignor to Mary Chess, Inc., New York, N. Y. Bottle. 102,303; Dec. 8.
Oldetyme Distillers, Inc. (See Englebardt, Charles P., assignor.)
Parsons Casket Hardware Company. (See Moore, Herman E., assignor.)
Pellow, Robert E., Waco, Tex. Building. 102,304; Dec. 8.
Pochapin, Max M., New York, N. Y. Combined clock face, weather and temperature indicator. 102,289; Dec. 8.
Reed, Walter C., North Hollywood, Calif. Vacuum cleaner casing. 102,310; Dec. 8.
Richardson Company, The. (See Rieser, Oliver O., assignor.)
Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Battery container. 102,302; Dec. 8.
Rose, Albert E. B., London, England. Toy animal 102,290; Dec. 8.
Schmid, Werner, White Plains, assignor to Cohn-Hall-Marx Co., New York, N. Y. Textile fabric or similar article. 102,312; Dec. 8.
Simms, Charles F., assignor to Concord Silversmiths Corporation, Concord, N. H. Combined salt shaker, pepper shaker, and basket therefor. 102,291; Dec. 8.
Sindler, Jay J., Boston, assignor to Spir-It, Inc., Malden, Mass. Combination food utensil display and holder therefor. 102,292; Dec. 8.
Smith, Russell B., Van Wert, Ohio. Safety reflector bracket. 102,293; Dec. 8.
Smith, William J., Rocky River, Ohio. Oil burner. 102,294; Dec. 8.
Spir-It, Inc. (See Sindler, Jay J., assignor.)
Stearman-Hammond Aircraft Corporation. (See Hammond, Dean B., assignor.)
Trojan, Jose, assignor to Owen Housholder and David C. Cohen, a copartnership, doing business as Crystal Manufacturing Co., Chicago, Ill. Sign or similar article. 102,295; Dec. 8.
Wilde, Hans W., North Bergen, N. J. Textile fabric. 102,296; Dec. 8.
Yale Fabrics Corp. (See Bardet, Germaine, assignor.)
Yale Fabrics Corp. (See Castro, Emanuel, assignor.)

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 8TH DAY OF DECEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Ackerman, James E., Devon, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Hem-folding and shaping device for sewing machines. 2,063,833; Dec. 8.
Acme Steel & Malleable Iron Works, Inc. (See Parker, Frank O., assignor.)
Adam, Geza. (See Nemeth, T., and Adam.)
Adams, Elmer W., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Dispersing of phenolphthalein in mineral lubricating oils. 2,063,575; Dec. 8.
Adams, J. D., Manufacturing Company. (See Notvest, Robert, assignor.)
Adlake Company, The. (See Christy, George C., assignor.)
Adlake Company, The. (See Larson, Carl H., assignor.)
Agostineto, Giacomo, Trout Creek, Mich. Leather knife. 2,063,653; Dec. 8.
Aikins, Herbert A., Cleveland, Ohio. Calculating device. 2,063,287; Dec. 8.
Akron Brass Manufacturing Company. (See Schellin, John C., assignor.)
Aktiebolaget Nomy. (See Wallgren, August G. F., assignor.)
Aktiengesellschaft Brown Boveri & Cie. (See Fässler, Emmanuel, assignor.)
Aktiengesellschaft Brown Boveri & Cie. (See Widmer, Stefan, assignor.)
Alexander, James N., Birmingham, Ala. Saw attachment. 2,063,139; Dec. 8.
Allen, Arthur F., Hayward, Calif. Fruit sizing machine. 2,063,008; Dec. 8.
Allen-Bradley Company. (See Loock, Frederick F., assignor.)
Allen, Frank C., Jr., Pelham Manor, N. Y. Dispensing container. 2,063,288; Dec. 8.
Allen, Raymond P., Akron, Ohio. Tobacco. 2,063,014; Dec. 8.
Allen, Victor O., Madison, N. J., assignor to Hygrade Sylvania Corporation, Salem, Mass. Electron discharge device. 2,063,360; Dec. 8.
Allison, Donald K., Los Angeles, Calif. pH control. 2,063,140; Dec. 8.
Allmänna Svenska Elektriska Aktiebolaget. (See Helmer, Govert, assignor.)
Allmänna Svenska Elektriska Aktiebolaget. (See Lamm, Uno, assignor.)
Alog, Frank, Washington, Pa. Automobile tire chain. 2,063,535; Dec. 8.
Alsatian Machine Works, Limited. (See Bailey, Benjamin, assignor.)
Alther, Joseph G., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Process and apparatus for treating hydrocarbon oils. 2,063,072; Dec. 8.
Alusas, Joseph G., Sharon Hill, Pa. Support. 2,063,289; Dec. 8.
Alvarado, Alfonso M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Aqueous dispersions of hydrogenated rubber and preparing the same. 2,063,073; Dec. 8.
American Asphalt Paint Co. (See Ford, Thomas C., assignor.)
American Bank Note Company. (See Wittnebel, Arthur A., assignor.)
American Coach & Body Company. (See Larsen, Neil P., assignor.)
American Cyanamid Company. (See Wheway, James G., assignor.)
American Laundry Machinery Company, The. (See Gabbert, Hugh W., assignor.)
American Lurgi Corporation. (See Débuch, Carl P., assignor.)
American Paper Bottle Company, The. (See Scott, Henry T., assignor.)
American Sales Book Company. (See Garwood, Victor W., assignor.)
American Smelting and Refining Company. (See Betterton, Jesse O., assignor.)
American Steel Foundries. (See Hedgcock, William C., assignor.)
American Steel Foundries. (See Hedgcock, W. C., and Keysor, assignors.)
American Telephone and Telegraph Company. (See Bischoff, C. F., and Herckmans, assignors.)
American Telephone and Telegraph Company. (See Nyquist, Harry, assignor.)
American Tool & Machine Co. (See Tholl, John F., assignor.)
American Window Glass Company. (See Shoemaker, Charles S., assignor.)
Ames, Adelbert, Jr., assignor to Trustees of Dartmouth College, Hanover, N. H. Eye testing instrument. 2,063,015; Dec. 8.
Ames, Malcolm H., Waltham, Mass., assignor, by mesne assignments, to Technicolor, Inc., New York, N. Y. Film gate. 2,063,016; Dec. 8.
Anderson, Charles T., Cincinnati, Ohio, assignor, by mesne assignments, to The Littleway Process Company, Boston, Mass. Making shoes. 2,063,141; Dec. 8.
Anderson Company, The. (See Smulski, Theodore J., assignor.)
Anderson, Joe S., Bellaire, Ohio. Pickling chain. 2,063,017; Dec. 8.
Andersson, Ivan, East Hartford, Conn. Hair comb. 2,063,777; Dec. 8.
Andriano, Albert K., New York, N. Y. Switching and signaling mechanism. 2,063,009; Dec. 8.
Andrus, Orrin E., Milwaukee, Wis. Purifier for drinking water. 2,063,778; Dec. 8.
Anker-Werke Aktiengesellschaft. (See Naumann, Willy, assignor.)
Apex Tool & Cutter Company, The. (See Severson, Ole, assignor.)
Arisman, Mervin B. (See Schellenger, N. C., and Arisman.)
Armstrong, Edwin H., New York, N. Y. Radio transmitting system. 2,063,074; Dec. 8.
Arndt, Ernest A., Sioux City, Iowa. Combination trunk and luggage carrier. 2,063,478; Dec. 8.
Arnold, Charles F., Woodville, Ohio. Spall lime kiln. 2,063,219; Dec. 8.
Aroner, Allan W. (See Hermsdorf, W. H., and Aroner.)
Ashworth, Harry E. (See Lazich, B., and Ashworth.)
Atlas Powder Company. (See Power, James T., assignor.)
Austermühle, Wilhelm, Bremen, assignor to Dortmund-Hoerder Hüttenverein Aktiengesellschaft, Dortmund, Germany. Pile. 2,063,142; Dec. 8.
Automatic Musical Instrument Company. (See Yelder, Harry A., assignor.)
Automotive Maintenance Machinery Co. (See Zimmerman, Herman W., assignor.)
Avery, B. F., & Sons Company. (See Ray, Charles T., assignor.)
Awbrey, Samuel C., Kansas City, Mo. Dividing strip anchor. 2,063,654; Dec. 8.
Baash, Lawrence F., Los Angeles, Calif. Slip. 2,063,361; Dec. 8.
Babcock & Wilcox Company, The. (See Fletcher, James, assignor.)
Babcock & Wilcox Company, The. (See Kerr, Howard J., assignor.)
Bachetti-Righetti, Giorgio, Rome, Italy. Silencer for internal combustion engines. 2,063,270; Dec. 8.
Backstay Welt Co. (See MacLeod, William J., assignor.)
Baier, Willard E., Ontario, Calif., assignor to California Fruit Growers Exchange, Los Angeles, Calif. Product for and method of jelly preparation. 2,063,143; Dec. 8.
Bailey, Benjamin, assignor to Alsatian Machine Works, Limited, Boston, Mass. Comber. 2,063,018; Dec. 8.
Bailey Meter Company. (See Johnson, Clarence, assignor.)
Baj, Alessandro, Milan, Italy. Cooling the valves in internal combustion engines. 2,063,779; Dec. 8.
Baker & Co. (See Stauss, H. E., and Ogden, assignors.)
Baker, Guy O., Friend, Nebr. Shoe press last. 2,063,075; Dec. 8.
Balduf, Bruno E., assignor to United States Gypsum Company, Chicago, Ill. Fireproof building construction. 2,063,010. Dec. 8.
Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Chair. 2,063,780; Dec. 8.
Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Chair. 2,063,781; Dec. 8.
Ball, Harvey W. (See Bigler, C. L., and Ball.)
Balle, Gerhard. (See Persiel, H., Balle, Grom, and Semmig.)
Balzer, Werner H., assignor to Waltham Watch Company, Waltham, Mass. Electrically operated signal. 2,063,076; Dec. 8.
Bany, Herman, Lansdowne, Pa., and R. N. Slinger, Schenectady, N. Y., assignors to General Electric Company. Electrical regulating system. 2,063,077; Dec. 8.
Baranoff, André V., Paris, France. Apparatus for simulating artillery firing. 2,063,536; Dec. 8.
Barber-Colman Company. (See Peterson, Burt A., assignor.)

Barbiere, Michael, Huntington Station, N. Y. Ashtray for extinguishing cigarettes or cigars. 2,063,717; Dec. 8.
Barclays Bank Limited, et al., executors. (See Fairweather, D. A. W., and Thomas.)
Bardach, Lloyd H., Hartford, Conn., and N. H. Curtiss, Passaic, N. J., assignors to United States Rubber Products, Inc., New York, N. Y. Making garter tabs. 2,063,019; Dec. 8.
Bares, Rudolph, Chicago, Ill., assignor to Dixie-Vortex Company. Cup dispenser. 2,063,576; Dec. 8.
Barkelj, Jean A. H., Altadena, Calif. Internal combustion engine. 2,063,362; Dec. 8.
Barner, Lawrence D., Houston, Tex. Valve mechanism. 2,063,655; Dec. 8.
Barnes, James L., Winslow, Ariz., assignor of one-half to T. G. Grieder, Winslow, Ariz. Cooling the lubricating oil in internal combustion engines. 2,063,782; Dec. 8.
Barrett, Harold J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Finishing system. 2,063,078; Dec. 8.
Barrett, Harold J., Wilmington, and E. F. Izard, Elsmere, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ether alcohol esters of alicyclic carboxylic acids. 2,063,144; Dec. 8.
Barske, Ulrich, assignor to F. Kruckenberg and C. Stedefeld, Hanover, Germany. Hydraulic transmission gear for land vehicles in particular railway vehicles. 2,063,145; Dec. 8.
Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America. Radio signaling system. 2,063,290; Dec. 8.
Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America. Automatic volume control circuit. 2,063,577; Dec. 8.
Barton, Vincent, Huntington, Ind. Pipe wrench. 2,063,220; Dec. 8.
Bary, Victor A., London, England. Axle bearing. 2,063,020; Dec. 8.
Bast, Frank J., Queens Village, and R. A. Skinner, New York, assignors to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Gas range. 2,063,834; Dec. 8.
Battin, Cora B., Avenel, N. J. Garment clasp. 2,063,021; Dec. 8.
Bauer, Ernest K., assignor to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Machine for making pile fabrics. 2,063,221; Dec. 8.
Baumgarten, Arthur W., Joliet Township, Will County, and H. S. Pardee, Ravinia, assignors, by mesne assignments, to Hydromatic Corporation, Chicago, Ill. Trolley collector. 2,063,291; Dec. 8.
Bausch & Lomb Optical Company. (See Kramer, Cletus F., assignor.)
Baxter, Don, Inc. (See Edwards, Hiram W., assignor.)
Beard, George A., San Angelo, Tex. Terracing and grading attachment for tractors. 2,063,537; Dec. 8.
Beath, Lancelot B., assignor to W. D. Beath & Son, Limited, Toronto, Ontario, Canada. Air pressure regulating apparatus. 2,063,783; Dec. 8.
Beath, W. D., & Son, Limited. (See Beath, Lancelot B., assignor.)
Beau, Frank X., Cleveland, Ohio. Apparatus for inspecting fluids. 2,063,222; Dec. 8.
Beaux Arts Lighting Co. (See Kramer, Sam, assignor.)
Bechtel, Theodore B., and S. J. Ederwein, assignors to The Electric Furnace Company, Salem, Ohio. Heat treating. 2,063,784; Dec. 8.
Beck, Adolf, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Improving the resistance to corrosion of aluminium base alloys. 2,063,022; Dec. 8.
Beck, Adolf, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Aluminium alloys. 2,063,023; Dec. 8.
Beck, Walter, Frankfort-on-the-Main, and K. Bonath, Cronberg-in-Taunus, Germany. Maintaining or regulating the efficacy of cyanide melts. 2,063,079; Dec. 8.
Becker, Enno, Bremen, assignor to Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany. Pile. 2,063,146; Dec. 8.
Becker, Hans. (See Vollmann, H., and Becker.)
Beckwith Manufacturing Company. (See Lovell, Stanley P., assignor.)
Beckwith Manufacturing Company. (See Woodruff, Frank O., assignor.)
Bell, Leonard P., San Diego, Calif. Musical instrument pick. 2,063,011; Dec. 8.
Bell Telephone Laboratories, Incorporated. (See Goff, Harold W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Johnson, J. B., and Weinhart, assignors.)
Bell Telephone Laboratories, Incorporated. (See Mallina, Rudolph F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Norman, Nathaniel C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Pritchard, W. T., and Saunders, assignors.)
Bell Telephone Laboratories, Incorporated. (See Samuel, Arthur L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Thorp, Kermit O., assignor.)
Belluche, Frank R., Racine, Wis. Sheet feeding mechanism. 2,063,479; Dec. 8.
Bendix Aviation Corporation. (See Bendix, Vincent, assignor.)
Bendix Aviation Corporation. (See Carbonara, Victor E., assignor.)
Bendix, Vincent, assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,063,024; Dec. 8.
Benner, Verne W. (See Grayson, E. C., and Benner.)
Berger, Edwin R., et al. (See Franklin, Albert W., assignor.)
Berger, Maurice P. (See Hertz, S., and Berger.)
Berggren, John L. (See Warnick, P. M., and Scott, assignors.)
Bergholm, Harry K., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,063,292; Dec. 8.
Berglund, Arthur, Dobbs Ferry, N. Y. Sound reproducing apparatus. 2,063,578; Dec. 8.
Bernard, Paul, Sioux Falls, S. Dak. Cattle dehorner. 2,063,785; Dec. 8.
Berndt, Arthur A., assignor to Electroline Company, Chicago, Ill. Connecter. 2,063,718; Dec. 8.
Berthold, Herman, Leverkusen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat or sulphur dyestuff preparation. 2,063,147; Dec. 8.
Bethlehem Steel Company. (See Geer, Harry R., assignor.)
Betterton, Jesse O., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Furnace. 2,063,579; Dec. 8.
Bigelow-Sanford Carpet Co. Inc. (See Bauer, Ernest K. assignor.)
Bigler, Clinton L., and H. W. Ball, assignors to The Morgan Engineering Company, Alliance, Ohio. Ingot stripper. 2,063,656; Dec. 8.
Billson, Marcus K., assignor to Hawaiian Hume Concrete Pipe Company, Limited, Honolulu, Territory of Hawaii. Chemically-resistant material. 2,063,835; Dec. 8.
Birtman Electric Company. (See Sparklin, Charles H., assignor.)
Bischoff, Charles F., Caldwell, N. J., and A. Herckmans, New York, N. Y., assignors to American Telephone and Telegraph Company. Reproduction of sound. 2,063,148; Dec. 8.
Bishop & Babcock Mfg. Company, The. (See Findley, Howard J., assignor.)
Bishop Company, The. (See Bishop, Frederick R., assignor.)
Bishop, Frederick R., assignor to The Bishop Company, North Attleboro, Mass. Ophthalmic mounting. 2,063,657; Dec. 8.
Bissell Carpet Sweeper Co. (See Pullen, Fred W., assignor.)
Bixler, Harley H., Schenectady, N. Y., assignor to General Electric Company. Fluid muffler. 2,063,658; Dec. 8.
Blau, Harry, Brooklyn, N. Y. One-piece egg carton. 2,063,720; Dec. 8.
Blumlein, Alan D., Ealing, London, assignor to Electric and Musical Industries Limited, Hayes, Middlesex, England. Sweep circuit. 2,063,025; Dec. 8.
Bockmühl, Max, and L. Stein, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Salts of acridinium bases and preparing them. 2,063,865; Dec. 8.
Boinot, Firmin, Melle, Deux-Sevres, France. Alcoholic fermentation of sugar-containing liquids. 2,063,223; Dec. 8.
Bonath, Klaus. (See Beck, W., and Bonath.)
Booth, Clement, Cincinnati, and J. E. Caster, Willoughby, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Internal grinding fixture. 2,063,659; Dec. 8.
Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Radio set control. 2,063,866; Dec. 8.
Borberg, Adolf, Short Hills, N. J. Piling section. 2,063,293; Dec. 8.
Borg-Warner Corporation. (See Hobbs, John W., assignor.)
Borg-Warner Corporation, et al. (See Meuer, G. J., and Millermaster, assignors.)
Borowsky, Aaron, et al. (See Brody, Solomon, assignor.)
Bosch, Robert, Aktiengesellschaft. (See Meyer, A., and Holzbaur, assignors.)
Bostwick, George L. (See Nold, J. H., and Bostwick.)
Bötticher, Reinhold. (See Hessenland, M., and Böttticher.)
Bowles, Edward L., Wellesley Farms, Mass. Group-address system. 2,063,224; Dec. 8.
Bowles, Edward L., Wellesley Farms, Mass. Phonograph pick-up. 2,063,225; Dec. 8.
Bowman, John M., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Shielding device. 2,063,786; Dec. 8.
Bowman, Robert L., Chaska, Minn. Road sander for vehicles. 2,063,294; Dec. 8.
Bradbury, William T., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Oil stove burner mechanism. 2,063,722; Dec. 8.
Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Radio receiver. 2,063,295; Dec. 8.

Bradley, Albert F., assignor to Northwestern Barb Wire Company, Sterling, Ill. Galvanizing apparatus. 2,063,721; Dec. 8.
Brady, Raymond F., Collingswood, N. J., assignor to Radio Corporation of America. Optical reduction sound printer. 2,063,867; Dec. 8.
Braem, Karl, Bern, Switzerland. Mechanical means for distributing gases and vapors in liquids. 2,063,480; Dec. 8.
Braitling, Fred K., Inc. (See Braitling, Theodore W., assignor.)
Braitling, Theodore W., Stratford, assignor to Fred K. Braitling, Inc., Bridgeport, Conn. Doll-shoe. 2,063,660; Dec. 8.
Braselton, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Discharge lamp for producing modulated light. 2,063,580; Dec. 8.
Brasington, Charles P., Cincinnati, Ohio. Grinding mill. 2,063,363; Dec. 8.
Brassert, H. A., & Company Limited. (See Wilhelmi, Alfred, assignor.)
Braune, Albert, Artern, Germany. Apparatus of a light filter for electric lamps. 2,063,296; Dec. 8.
Braunstein, Roger, assignor to Société Anonyme des Anciens Etablissements Braunstein Frères, Paris, France. Transfer material such as carbon paper. 2,063,226; Dec. 8.
Briggs Manufacturing Company. (See Ball, Albert P., assignor.)
Briggs, Richard M. (See Staud, C. J., and Briggs.)
Briggs & Stratton Corporation. (See Fitz Gerald, John W., assignor.)
Briggs & Stratton Corporation. (See Mack, Perry E., assignor.)
Briggs & Stratton Corporation. (See Zygmunt, Conrad, assignor.)
Bristow, Paul W., assignor to Standard-Trump Bros. Machine Company, Laconia, N. H. Knitting method and machine. 2,063,026; Dec. 8.
Britton, Edgar C., and L. Heindel, Midland, Mich., and F. Bryner, Yreka, Calif., assignors to The Dow Chemical Company, Midland, Mich. Amino derivatives of aromatic ketones and making same. 2,063,868; Dec. 8.
Brody, Solomon, assignor of one-fourth to H. Pearlman, one-fourth to M. Golub, and one-fourth to A. Browsky, Brooklyn, N. Y. Plug connecter with interchangeable fuses. 2,063,723; Dec. 8.
Bromagem, Irl R., assignor to Union City Body Company, Union City, Ind. Chair seat. 2,063,836; Dec. 8.
Brown, Edmund K., assignor to The Torrington Company, Torrington, Conn. Antifriction bearing and making the same. 2,063,787; Dec. 8.
Brown, John H., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for coating the peripheral portions of soles. 2,063,149; Dec. 8.
Bruson, Herman A., Germantown, assignor to The Resinous Products & Chemical Co. Inc., Philadelphia, Pa. Condensation product and process. 2,063,837; Dec. 8.
Bruson, Herman A., Elkins Park, and O. Stein, Lansdowne, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Siccative metal salts and using them. 2,063,838; Dec. 8.
Bryan, Hugh. (See Tuttle, Record D., assignor.)
Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Perforating machine. 2,063,481; Dec. 8.
Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,063,482; Dec. 8.
Bryner, Fred. (See Britton, E. C., Heindel, and Bryner.)
Bucyrus-Erie Company. (See Fuller, F. A., and Snyder, assignors.)
Buelow, George. (See Waugh, H. L., and G. and H. W. Buelow.)
Buelow, Henry W. (See Waugh, H. L., and G. and H. W. Buelow, assignors.)
Bulmer, Frederick M., Marietta Township, Whatcom County, Wash. Green corn trimmer. 2,063,483; Dec. 8.
Burger, Martin, Morris, assignor to Self-Locking Carton Co., Chicago, Ill. Setting-up mechanism. 2,063,364; Dec. 8.
Burgoyne, Ernest C. (See Meyer, Ernst G. E., and Burgoyne.)
Burk, Robert E., assignor to The Standard Oil Company (Ohio), Cleveland, Ohio. Countercurrent apparatus for treating petroleum oil. 2,063,789; Dec. 8.
Burk, Robert E., assignor to The Standard Oil Company, Cleveland, Ohio. Heat exchanger. 2,063,788; Dec. 8.
Burroughs Adding Machine Company. (See Henderson, Robert R., assignor.)
Burt, Alexander D. (See Buedon, E. C., Burt, and Shoup.)
Button Machine Company. (See Carris, Clarence P., assignor.)
Buxbaum, Edwin C., Shorewood, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing formylamino anthraquinones and products obtainable by said process. 2,063,027; Dec. 8.
Buxbaum, Edwin C., Sherwood, and H. R. Lee, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the anthraquinone series and preparing them. 2,063,028; Dec. 8.
C and G Oil Company et al. (See McHenry, Karmon L., assignor.)
Cailliau, Cyril. (See Sutfin, F. R., and Cailliau.)
California Fruit Growers Exchange. (See Baier, Willard E., assignor.)
Calvin, Irl B., Akron, Ohio. Shoe. 2,063,227; Dec. 8.
Campbell, William J., assignor to Climax Machinery Company, Indianapolis, Ind. Smoking stand. 2,063,581; Dec. 8.
Carbonara, Victor E., Rockville Centre, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Vibration recording instrument. 2,063,790; Dec. 8.
Carborundum Company, The. (See Easter, George J., and McMullen, assignors.)
Card, William C., Jr., Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Shoe rasping device. 2,063,484; Dec. 8.
Carrier Engineering Corporation. (See Goddard, Merrill B., assignor.)
Carris, Clarence P., assignor to Button Machine Company, Washington, Iowa. Apparatus for selecting pearl buttons. 2,063,485; Dec. 8.
Carroll, Fred M., Yonkers, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,063,486; Dec. 8.
Carroll, Fred M., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,063,487; Dec. 8.
Carter, Joseph H. (See Hughes, J. M., Carter, and Reagle.)
Carter's Ink Company, The. (See Nealand, George E., assignor.)
Caster, John E. (See Booth, C., and Caster.)
Cater, Earl E., Los Angeles, assignor, by mesne assignments, to MacClatchie Manufacturing Company, Compton, Calif. Piston. 2,063,724; Dec. 8.
Cathcart, Alexander H., et al. (See Olsen, Edward, assignor.)
Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Roller rock bit. 2,063,012; Dec. 8.
Celanese Corporation of America. (See Hale, F. C., and Howarth, assignors.)
Celanese Corporation of America. (See Roberts, R. P., Kimpton, and Dingley, assignors.)
Central Republic Trust Company, executor. (See Kramer, Cletus F.)
Chamberlain, Paul A., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Coupler. 2,063,791; Dec. 8.
Charmat, Eugène. (See Charmat, Robert, assignor.)
Charmat, Robert, assignor to E. Charmat, Paris, France. Apparatus for the delivery of liquids. 2,063,228; Dec. 8.
Chicago Flexible Shaft Company. (See Chamberlain, Paul A., assignor.)
Chicago Flexible Shaft Company. (See McArdle, Michael W., assignor.)
Chicago Forging & Manufacturing Company. (See Sigel, Carl A., assignor.)
Chicago Pump Company. (See Durdin, Augustus C., Jr., assignor.)
Chicago Telephone Supply Co. (See Schellenger, N. C., and Arisman, assignors.)
Child, Harrison B. (See Sofo, Arturo, assignor.)
Chireix, Henri, assignor to Compagnie Generale de Telegraphie sans Fil, Paris, France. Transmitter. 2,063,582; Dec. 8.
Choate, Parker C., Essex, and A. K. Hobby, Canton, Mass. Reacting caustic lime and gypsum. 2,063,488; Dec. 8.
Christian, Raymond A., Dayton, Ohio, and E. J. Ens, Newark, N. J., assignors to The National Cash Register Company, Dayton, Ohio. Counter control for calculating machines. 2,063,080; Dec. 8.
Christy, George C., Chicago, Ill., assignor to The Adlake Company. Deck sash fixture. 2,063,583; Dec. 8.
Church, Franklin O., assignor to Dunlop Tire & Rubber Corporation, Buffalo, N. Y. Molded cushion. 2,063,081; Dec. 8.
Cincinnati Grinders Incorporated. (See Booth, C., and Caster, assignors.)
Cincinnati Milling Machine Company, The. (See Romaine, M., and Roehm, assignors.)
Clark, James R., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Edge binder for furniture top surfacing material. 2,063,725; Dec. 8.
Clarkson, Richard G. (See Dahlen, M. A., Clarkson, and Friedrich.)
Cleveland Automatic Machine Company, The. (See Rupple, Harry W., assignor.)
Climax Machinery Company. (See Campbell, William J., assignor.)
Clinch, Charles S., Sr., Swampscott, assignor to Haverhill Shoe Novelty Company, Haverhill, Mass. Trimming. 2,063,299; Dec. 8.
Cluett, Peabody & Co. (See Madsen, L. P. G., and Wallin, assignors.)
Cohrt, A. C., et al. (See Lier, Robert P., assignor.)
Coleman, Francis H. (See Coleman, J. H. and F. H.)
Coleman, John H., Elizabeth, N. J., and F. H. Coleman, Blairsville, Pa. Producing metal phosphates. 2,063,029; Dec. 8.

Coles, Walter V., Manchester, and G. W. Riley, London, assignors to Peter Spence & Sons Limited, Manchester, and George Scott & Son London Limited, London, England. Method and apparatus for drying solid sub-divided materials. 2,063,792; Dec. 8.

Collingbourne, Albert B., Elgin, Ill. Weaving device. 2,063,726; Dec. 8.

Collins, Edgar V., assignor to Iowa State College Alumni Association, Incorporated, Ames, Iowa. Soil moving machine. 2,063,584; Dec. 8.

Commercial Solvents Corporation. (See Legg, David A., assignor.)

Commercial Solvents Corporation. (See Legg, D. A., and Stiles, assignors.)

Communication Patents, Inc. (See Gillespie, Henderson C., assignor.)

Compagnie Generale de Telegraphie sans Fil. (See Chirelx, Henri, assignor.)

Compo Shoe Machinery Corporation. (See Card, William C., Jr., assignor.)

Comstock, Clark S., Great Barrington, Mass. Towel rod. 2,063,585; Dec. 8.

Conover, Courtney, assignor to Monsanto Chemical Company, St. Louis, Mo. Manufacturing monocarboxylic acids. 2,063,365; Dec. 8.

Conradty, C. (See Conradty, Ottmar, assignor.)

Conradty, Ottmar, assignor to C. Conradty, Nuremberg, Germany, Trolley system. 2,063,150; Dec. 8.

Continental Can Company. (See Dahl, Jacob, assignor.)

Continental Can Company. (See Hodgson, William W., assignor.)

Continental Can Company. (See O'Brien, Frank J., assignor.)

Continental Can Company. (See Punte, William F., assignor.)

Continental Roll & Steel Foundry Company. (See Lewis, Daniel, assignor.)

Cook, Delbert, Farmingdale, N. J. Centralized automobile driving control. 2,063,793; Dec. 8.

Cook, Le Roy, assignor of one-half to H. M. Dieterle, Chicago, Ill. Automatic fluid brake control. 2,063,366; Dec. 8.

Cooper, Charles R., San Francisco, Calif. Packing can. 2,063,013; Dec. 8.

Copeland Refrigeration Corporation. (See McPhail, Harold R., assignor.)

Corbett, Edward L. (See Wallace, Marcel, assignor.)

Corriston, John W. (See Mees, Jay E., assignor.)

Corriston, John W., Springfield, assignor of one-half to R. E. Griffith, Pittsburgh, Pa. Refractory lining support for furnaces. 2,063,229; Dec. 8.

Cox, William P., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing cage. 2,063,586; Dec. 8.

Cox, William P., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing cage. 2,063,587; Dec. 8.

Crabtree, John I., and H. D. Russell, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Acid hardening fixing composition and preparing the same. 2,063,297; Dec. 8.

Crady, Allen E., assignor to The Lamson Company, Syracuse, N. Y. Conveyer mechanism. 2,063,230; Dec. 8.

Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Light responsive apparatus. 2,063,298; Dec. 8.

Crane Co. (See Zinkil, Roy H., assignor.)

Creamery Package Mfg. Company, The. (See De Ville, Edward J., assignor.)

Cribben & Sexton Company, (See Wilkinson, G. D., and Pellegrin, assignors.)

Crooks, Harold S., and G. Highfield, assignors of one-half to Dunn & Lewis, Tulsa, Okla. Deep well pump. 2,063,839; Dec. 8.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase or amplitude modulated wave demodulator. 2,063,588; Dec. 8.

Crouch, Rupert J. G., Providence, R. I. Aircraft. 2,063,030; Dec. 8.

Crown Cork & Seal Company. (See Goebel, George, assignor.)

Crown Cork & Seal Company. (See McManus, Charles E., assignor.)

Croxton, Frank C. (See Fitz Simons, O., and Croxton.)

Cuno Engineering Corporation, The. (See Hance, Isaac I., assignor.)

Curran, Frank L., St. Paul, Minn. Bumper jack. 2,063,661; Dec. 8.

Curtiss, Nathaniel H. (See Bardach, L. H., and Curtiss.)

Custer, Levitt L., Dayton, Ohio. Aviation training machine. 2,063,231; Dec. 8.

Cutler-Hammer, Inc., et al. (See Meuer, G. J., and Millermaster, assignors.)

Dahl, Jacob, Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 2,063,538; Dec. 8.

Dahlen, Miles A., R. G. Clarkson, Wilmington, and M. E. P. Friedrich, Carney's Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing N-aralkyl-amino-phenols. 2,063,151; Dec. 8.

Dahlen, Miles A., Wilmington, Del., and M. E. P. Friedrich, Carney's Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Water-insoluble azo dyes and their production. 2,063,589; Dec. 8.

Dahlen, Miles A., Wilmington, Del., and M. E. P. Friedrich, Carney's Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Naphthoic acid xylidides and their production. 2,063,590; Dec. 8.

Daly, George F., Johnson City, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Total taking mechanism. 2,063,489; Dec. 8.

Danciger Oil & Refineries, Inc. (See Isham, Robert M., assignor.)

Daniels, Lee C., assignor to The White Motor Company, Cleveland, Ohio. Throttle control mechanism. 2,063,794; Dec. 8.

Daniels, Lee C., assignor to The White Motor Company, Cleveland, Ohio. Throttle control mechanism. 2,063,795; Dec. 8.

Dare, Franklin E., Pleasantville, N. J. Razor blade sharpening fixture. 2,063,539; Dec. 8.

Dartmouth College, Trustees of. (See Ames, Adelbert, Jr., assignor.)

Davidson, James L., Los Angeles, Calif. Heating system. 2,063,152; Dec. 8.

Davies, Phyllis A. W., Otane, Hawkes Bay, New Zealand. Bathing cap. 2,063,232; Dec. 8.

Davis, Augustine, Jr., Cincinnati, Ohio. Apparatus for transortation and delivery of beer. 2,063,727; Dec. 8.

Davis, Benjamin W., Chicago, Ill. Heating apparatus. 2,063,031; Dec. 8.

Davis Engineering Corporation. (See Davis, Howard C., assignor.)

Davis, Howard C., Elizabeth, N. J., assignor to Davis Engineering Corporation. Making an expansion joint. 2,063,490; Dec. 8.

Day, Leslie, Chicago, Ill. Pavement structure and joint therefor. 2,063,591; Dec. 8.

Day, Roland B., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oil. 2,063,082; Dec. 8.

Day, Roland B., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,063,491; Dec. 8.

Deahl, Kenneth J. (See Hunter, P. E., and Deahl.)

Débuch, Carl P., Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Rotary tube furnace. 2,063,233; Dec. 8.

De la Roza Corporation. (See de la Roza, Joaquin J., Sr., assignor.)

De la Roza, Joaquin J., Sr., Great Neck, N. Y., assignor to de la Roza Corporation, Wilmington, Del. Extracting method and apparatus. 2,063,367; Dec. 8.

De la Roza, Joaquin J., Sr., Great Neck, N. Y., assignor to de la Roza Corporation, Wilmington, Del. Packing gland. 2,063,368; Dec. 8.

Delco Aviation Corporation. (See Loudon, Warren P., assignor.)

De Leeuw, Adolph L., Plainfield, N. J., assignor to Gleason Works, Rochester, N. Y. Tool for and method of producing gears. 2,063,492; Dec. 8.

Dennison Manufacturing Company. (See Flood, Carl A., assignor.)

De Rochemont, Henry M., Rockland, Maine. Thermostatic valve. 2,063,592; Dec. 8.

Design Engineers, Incorporated. (See Horwitt, N. G., Katcher, and Noell, assignors.)

Dettwyler, William, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Halogenated anthraquinone compounds. 2,063,420; Dec. 8.

Deutsche Gold und Silber Scheidenanstalt vormals Roessler. (See Jaeger, Gustav, assignor.)

De Ville, Edward J., Dayton, Ohio, assignor, by mesne assignments, to The Creamery Package Mfg. Company. Compressor. 2,063,728; Dec. 8.

Dieterich, Frederick A., and H. Weinacker, Maplewood, N. J. Wire feed for chain making machines. 2,063,593; Dec. 8.

Dieterle, Hazel M. (See Cook, Le Roy, assignor.)

Diggs, Sterling H., and J. M. Page, Jr., Casper, Wyo., assignors to Standard Oil Company, Chicago, Ill. Solvent extraction of wax-bearing oils. 2,063,369; Dec. 8.

Dingley, Robert McV. (See Roberts, R. P., Kimpton, and Dingley.)

Dittman, Paul C., Chicago, Ill. Decorative lighting device. 2,063,153; Dec. 8.

Dixie Vortex Company. (See Bares, Rudolph, assignor.)

Dodd, Arthur E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,063,300; Dec. 8.

Doherty, John R., Bethlehem, Pa. Encased reel. 2,063,662; Dec. 8.

Donahey, Richard S., Columbus, Ohio. Burial vault. 2,063,421; Dec. 8.

Donath, Ernst. (See Pier, M., and Donath.)

Dortmund-Hoerder Hüttenverein Aktiengesellschaft. (See Austermühle, Wilhelm, assignor.)

Douglas, Isaiah E., Philadelphia, Pa. Guard for cycle handle bars. 2,063,493; Dec. 8.

Dow Chemical Company, The. (See Britton, E. C., Heindel, and Bryner, assignors.)

Downard, James S., deceased, by N. W. Downard, administratrix, Fort Thomas, Ky. Device for forming strings or sheets of asphalt. 2,063,663; Dec. 8.

Downard, Naomi W., administratrix. (See Downard, James S.)

Downing, George H., Finsbury Park, London, assignor to W. G. Eavestaff & Sons Limited, London, England. Miniature upright piano. 2,063,796; Dec. 8.

Driver-Harris Company. (See Lohr, James M., assignor.)

Dunham, Le Roy S., East Orange, and H. G. Smith, Jr., Union, assignors to Edison-Splitdorf Corporation, West Orange, N. J. Construction for magneto electric generators. 2,063,083; Dec. 8.

Dunlop Tire & Rubber Corporation. (See Church, Franklin O., assignor.)

Dunlop Tire and Rubber Corporation. (See King, Frank G. W., assignor.)

Dunn & Lewis. (See Crooks, H. S., and Highfield, assignors.)

Du Pont, E. I., de Nemours & Company. (See Alvarado, Alfonso M., assignor.)

Du Pont, E. I., de Nemours & Company. (See Barrett, Harold J., assignor.)

Du Pont, E. I., de Nemours & Company. (See Barrett, H. J., and Izard, assignors.)

Du Pont, E. I., de Nemours & Company. (See Buxbaum, Edwin C., assignor.)

Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., Clarkson, and Friedrich, assignors.)

Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., and Friedrich, assignors.)

Du Pont, E. I., de Nemours & Company. (See Dettwyler, William, assignor.)

Du Pont, E. I., de Nemours & Company. (See Greenewalt, Crawford H., assignor.)

Du Pont, E. I., de Nemours & Company. (See Havas, Emeric, assignor.)

Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Etzel, assignors.)

Du Pont, E. I., de Nemours & Company. (See Hunt, J. K., and Latham, assignors.)

Du Pont, E. I., de Nemours & Company. (See Kuettel, Glen M., assignor.)

Du Pont, E. I., de Nemours & Company. (See Pray, Horace B., assignor.)

Du Pont, E. I., de Nemours & Company. (See Salzberg, P. L., and Werntz, assignors.)

Du Pont, E. I., de Nemours & Company. (See Uhler, Frank G., assignor.)

Du Pont, E. I., de Nemours & Company. (See Weiland, H. J., and Prahl, assignors.)

Du Pont, E. I., de Nemours & Company. (See Woodbury, C. A., and Wrightsman, assignors.)

Durdin, Augustus C., Jr., Niles Center, assignor to Chicago Pump Company, Chicago, Ill. Aerator. 2,063,301; Dec. 8.

Duro Company, The. (See Zimmerman, A. C., and Steger, assignors.)

Dutton, William H., Deephaven, Minn. Shoe stretcher. 2,063,370; Dec. 8.

Dykstra, James, Lansing, assignor to General Motors Corporation, Detroit, Mich. Emergency brake hook-up. 2,063,729; Dec. 8.

E. A. Laboratories, Inc. (See Gillet, Alexis F., assignor.)

Easter, George J., and C. McMullen, assignors to The Carborundum Company, Niagara Falls, N. Y. Fused refractory composition. 2,063,154; Dec. 8.

Eastman Kodak Company. (See Crabtree, J. I., and Russell, assignors.)

Eastman Kodak Company. (See Green, Newton B., assignor.)

Eastman Kodak Company. (See Hopkins, Roy S., assignor.)

Eastman Kodak Company. (See Lee, Maynard D., assignor.)

Eastman Kodak Company. (See Malm, C. J., and Fordyce, assignors.)

Eastman Kodak Company. (See Malm, C. J., and Nadeau, assignors.)

Eastman Kodak Company. (See Nagel, August, assignor.)

Eastman Kodak Company. (See Seymour, Merrill W., assignor.)

Eastman Kodak Company. (See Staud, C. J., and Briggs, assignors.)

Eastman Kodak Company. (See Wittel, Otto, assignor.)

Eavestaff, W. G., & Sons Limited. (See Downing, George H., assignor.)

Ebert, Erna C., Canton, Ohio. Bedpan lining. 2,063,797; Dec. 8.

Ebert, Fritz, Oberndorf-on-the-Neckar, Germany. Differential work-feeder for sewing machines. 2,063,664; Dec. 8.

Eberwein, Samuel J. (See Bechtel, T. B., and Eberwein.)

Eclipse Aviation Corporation. (See Smith, Wesley L., assignor.)

Edison General Electric Appliance Company, Incorporated. (See Vanden Berg, Peter H., assignor.)

Edison-Splitdorf Corporation. (See Dunham, L. S., and Smith, assignors.)

Edwards, Hiram W., Los Angeles, assignor to Don Baxter, Inc., Glendale, Calif., trustee for F. M. Turnbull, Don Baxter, Inc., H. W. Edwards, and L. H. McGowan. Diffusion vacuum pump. 2,063,665; Dec. 8.

Egloff, Gustav. (See Morrell, J. C., and Egloff.)

Egloff, Gustav, and J. C. Morrell, assignors, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,063,494; Dec. 8.

Ehrlich, Emil E., Tampa, Fla. Take-up device. 2,063,234; Dec. 8.

Elbert, Fritz, Munich, Germany, assignor to Dr. Jur. R. Wolff, Basel, Switzerland. Escapement device. 2,063,371; Dec. 8.

Elbert, Fritz, Munich, Germany, assignor to Dr. Jur. R. Wolff, Basel, Switzerland. Automatic shift-release device for typewriters. 2,063,372; Dec. 8.

Eisenhut, Otto. (See von Weinberg, A., Rein, and Eisenhut.)

Eisler, Charles, South Orange, N. J. Sealing machine. 2,063,235; Dec. 8.

Eisler, Charles, South Orange, N. J. Machine for cutting bars and tubes of glass. 2,063,236; Dec. 8.

Electric Furnace Company, The. (See Bechtel, T. B., and Eberwein, assignors.)

Electric and Musical Industries Limited. (See Blumlein, Alan D., assignor.)

Electroline Company. (See Berndt, Arthur A., assignor.)

Electromatic Typewriters, Inc. (See Thompson, Russell G., assignor.)

Elias, Michael A., 2d. (See Elias, Percy I., and M. A., 2d.)

Elias, Percy I. and M. A., 2d, Long Beach, N. Y. Lighting fixture. 2,063,730; Dec. 8.

Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Products of diene synthesis. 2,063,540; Dec. 8.

Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Paint and varnish. 2,063,541; Dec. 8.

Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Diene resin. 2,063,542; Dec. 8.

Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Siccative composition and making same. 2,063,869; Dec. 8.

Ellis-Foster Company. (See Ellis, Carleton, assignor.)

Elsom, John R., Fresno, Calif. Accelerating and decelerating gauge. 2,063,495; Dec. 8.

Empire Metal Cap Co. (See Merolle, Augustus L., assignor.)

Engineering and Research Corporation. (See Marchant, William B., assignor.)

Ens, Emil J. (See Christian, R. A., and Ens.)

Erdmann, Konrad, Radentheim, Carinthia, Austria. Production of refractory brick. 2,063,543; Dec. 8.

Essex, Orville R. (See McIntosh, C. O., and Essex.)

Etzel, Gustao. (See Henke, C. O., and Etzel.)

Evans, John, Riverside, N. J., assignor to Radio Corporation of America. Antenna. 2,063,303; Dec. 8.

Evers, Adolph F., Jr., Denton, Tex. Refrigeration. 2,063,406; Dec. 8.

Eversole, James F., Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Oxidation catalyst and making the same. 2,063,302; Dec. 8.

Exel, George, Clifton, N. J. Two-cycle engine. 2,063,666; Dec. 8.

Fairbanks, Morse & Co. (See Schnaitter, Edgar J., assignor.)

Fairchild, Charles O., St. Albans, and J. P. Henderson, assignors to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Moisture testing device. 2,063,840; Dec. 8.

Fairweather, David A. W., Falkirk, and J. Thomas, deceased, late of Polmont, Scotland, by O. M. Thomas, Wilmslow, and Barclays Bank Limited, Manchester, England, executors, assignors to Imperial Chemical Industries Limited. Sulphuric acid esters of indanthrone. 2,063,594; Dec. 8.

Farkas, Ladislaus, and P. Harteck, Berlin, Germany. Filling cavities. 2,063,667; Dec. 8.

Farnon, Hugh J. (See Farnon, William P., and H. J.)

Farnon, William P. and H. J., San Diego, assignors of one-half to W. A. Monten, Los Angeles, Calif. Scalp invigorator. 2,063,084; Dec. 8.

Farrand, Hiram A., assignor to Hiram A. Farrand, Inc., Berlin, N. H. Collable measuring device. 2,063,422; Dec. 8.

Farrand, Hiram A., assignor to Hiram A. Farrand, Inc., Berlin, N. H. Collable measuring device. 2,063,423; Dec. 8.

Farrand, Hiram A., Inc. (See Farrand, Hiram A., assignor.)

Farrand, Hiram A., Inc. (See Ottolini, Joseph, assignor.)

Farrow, Frederick R., Jr., Audubon, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Signal amplifying system. 2,063,304; Dec. 8.

Fässler, Emmanuel, Zurich, Switzerland, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric valve protective system. 2,063,237; Dec. 8.

Fator, Charles D., San Antonio, Tex. Speed control of landing gear wheels on aeroplanes. 2,063,032; Dec. 8.

Federal Spring Company. (See Zaparka, Edward F., assignor.)

Feeney, William P., Appleton, Wis. Stock regulator. 2,063,595; Dec. 8.

Feller, Paul, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Thermal treatment of carbon compounds. 2,063,596; Dec. 8.

Felins Tying Machine Co. (See Suelflow, A. G., and Wolford, assignors.)

Fellows Gear Shaper Company, The. (See Miller, Edward W., assignor.)

Fenner, Von. (See Galvin, M. J., and Fenner.)

Fenton, Kenneth E., Pennville, and H. B. Smith, Upland, Ind. Traffic light. 2,063,305; Dec. 8.

Ferguson, Elmer, Spokane, Wash. Nursing nipple. 2,063,424; Dec. 8.
Fernsch Aktien-Gesellschaft. (See Möller, R., and Schubert, assignors.)
Finch, William G. H., New York, N. Y. Newspaper sound record supplement. 2,063,870; Dec. 8.
Findley, Howard J., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Low water safety device for boilers. 2,063,373; Dec. 8.
Firth, Cyril, assignor to The Youngstown Sheet & Tube Company, Youngstown, Ohio. Apparatus for preparing sheets for welding. 2,063,798; Dec. 8.
Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Demountable body. 2,063,033; Dec. 8.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Coding jig for lock cylinders. 2,063,085; Dec. 8.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Filter. 2,063,086; Dec. 8.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Automatic primer for internal combustion engines. 2,063,087; Dec. 8.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Coincidental lock. 2,063,088; Dec. 8.
Fitz Simons, Ogden, and F. C. Croxton, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Gasoline extraction. 2,063,507; Dec. 8.
Fletcher, James, Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Steam and water separator. 2,063,425; Dec. 8.
Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Attaching device. 2,063,155; Dec. 8.
Florence Stove Company. (See Bradbury, William T., assignor.)
Flowers, Henry F., Findlay, Ohio. Underground mine car. 2,063,544; Dec. 8.
Flowers, Henry F., Findlay, Ohio. Independent truck assembly for wheel vehicles. 2,063,545; Dec. 8.
Flygare, Carl G., and H. B. Friberg, assignors to Norton Company, Worcester, Mass. Roll grinding machine. 2,063,668; Dec. 8.
Flynn, Benjamin H., Alexandria, La. Endless tread machine. 2,063,238; Dec. 8.
Ford, Thomas C., assignor to American Asphalt Paint Co., Kankakee, Ill. Asphalt paint. 2,063,669; Dec. 8.
Fordyce, Charles R. (See Malm, C. J., and Fordyce.)
Fornelius, Axel F., and H. A. G., Clifton, N. J. Spring motor. 2,063,799; Dec. 8.
Fornelius, Henry A. G. (See Fornelius, Axel F., and H. A. G.)
Forster, Joseph, Vienna, Austria. High tension cable. 2,063,306; Dec. 8.
Franklin, Albert W., New York, assignor of one-half to E. R. Berger, West Long Branch, N. J., and J. Foster, Brightwaters, N. Y., jointly. Radio tube socket. 2,063,731; Dec. 8.
Franklin, Charles L., Brooklyn, N. Y. Spare wheel mount. 2,063,598; Dec. 8.
Fredrickson, Gustav, Forestville, Conn., assignor, by mesne assignment, to General Motors Corporation, Detroit, Mich. Heating and demagnetizing apparatus. 2,063,800; Dec. 8.
French, Morgan C., Brighton, Colo. Pneumatic tire alarm. 2,063,871; Dec. 8.
Freund, Erich, Chicago, Ill. Producing metallic coatings on a cellulose ester base. 2,063,034; Dec. 8.
Friberg, Hugo B. (See Flygare, C. G., and Friberg.)
Friedholdt, Edwin W., Jr., Chicago, Ill. Window ventilator. 2,063,546; Dec. 8.
Friedman, Samuel M., Brooklyn, N. Y. Trousers suspenders. 2,063,089; Dec. 8.
Friedrich, Martin E. (See Dahlen, M. A., and Friedrich.)
Friedrich, Martin E. P. (See Dahlen, M. A., Clarkson, and Friedrich.)
Fuller, Frank A., South Milwaukee, and T. A. Snyder, Milwaukee, assignors to Bucyrus-Erie Company, South Milwaukee, Wis. Endless track mounting. 2,063,035; Dec. 8.
Fyr-Fyter Company. (See Thomas, C. A., and Hochwalt, assignors.)
Gabbert, Hugh W., Kenwood, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Folding machine. 2,063,156; Dec. 8.
Gabriel, Charles L., Lawrence, assignor, by mesne assignments, to Resinox Corporation, New York, N. Y. Synthetic resin varnish compositions. 2,063,239; Dec. 8.
Gabriel, Charles L., Lawrence, assignor, by mesne assignments, to Resinox Corporation, New York, N. Y. Synthetic resin varnish compositions. 2,063,240; Dec. 8.
Gagnier, George E. (See Place, Blon C., assignor.)
Gailey, Florence L., Los Angeles, Calif. Chair. 2,063,732; Dec. 8.
Gallon Metallic Vault Company, The. (See Smith, Ralph E., assignor.)
Galvin, Michael J., and von Fenner, Chicago, Ill. Clutch. 2,063,426; Dec. 8.
Gangler, Paul, Esslingen, near Stuttgart, Germany. Parking device. 2,063,241; Dec. 8.
Gano, Merritt W., Jr., Denver, Colo. Toothbrush. 2,063,801; Dec. 8.
Garrard Engineering and Manufacturing Company Limited, The. (See Slater, Gilbert, assignor.)
Garwood, Victor W., London, England, assignor, by mesne assignments, to American Sales Book Company, Inc. Autographic register. 2,063,670; Dec. 8.
Gaskill, Alfred T. (See Geiger, W. J., and Gaskill.)
Geary, William S., Dallas, Tex. Automatic rod line adjuster. 2,063,802; Dec. 8.
Geer, Harry R., Westmont, Pa., assignor to Bethlehem Steel Company. Apparatus for making welding electrodes. 2,063,497; Dec. 8.
Geier, P. A., Company, The. (See Martinet, Eugene F., assignor.)
Geiger, Walter J., Cleveland Heights, and A. T. Gaskill, Cleveland, Ohio, assignor to General Electric Company. Electric lamp and mounting therefor. 2,063,090; Dec. 8.
General Aniline Works, Inc. (See Berthold, Hermann, assignor.)
General Aniline Works, Inc. (See Siefert, F., and Kaemmerer, assignors.)
General Aniline Works, Inc. (See Volimann, H., and Becker, assignors.)
General Electric Company. (See Bany, H., and Slinger, assignors.)
General Electric Company. (See Bixler, Harley H., assignor.)
General Electric Company. (See Geiger, W. J., and Gaskill, assignors.)
General Electric Company. (See Haley, Hugh D., assignor.)
General Electric Company. (See Heinbuch, George W., assignor.)
General Electric Company. (See Huber, Herman J., assignor.)
General Electric Company. (See Johnson, Wilfrid E., assignor.)
General Electric Company. (See Malloy, Frank J., assignor.)
General Electric Company. (See McCarty, Orin P., assignor.)
General Electric Company. (See Pulfrich, Hans, assignor.)
General Electric Company. (See Van Billiard, Lewis H., assignor.)
General Electric Company. (See Whitesel, Harry A., assignor.)
General Electric Company. (See Willis, Clodius H., assignor.)
General Motors Corporation. (See Dykstra, James, assignor.)
General Motors Corporation. (See Fredrickson, Gustav, assignor.)
General Motors Corporation. (See Hardiman, F. M., and Saunders, assignors.)
General Motors Corporation. (See Holmes, John R., assignor.)
General Motors Corporation. (See Hull, Harry B., assignor.)
General Motors Corporation. (See Kamrath, Herbert G., assignor.)
General Motors Corporation. (See Kucher, Andrew A., assignor.)
General Motors Corporation. (See Martin-Binachon, Jean, assignor.)
General Motors Corporation. (See Noble, Warren, assignor.)
General Motors Corporation. (See Olley, Maurice, assignor.)
General Motors Corporation. (See Saunders, Laurence P., assignor.)
General Motors Corporation. (See Schjolin, Eric O., assignor.)
General Motors Corporation. (See Shippy, Leo C., assignor.)
General Motors Corporation. (See Slack, Frederic W., assignor.)
General Motors Corporation. (See Tweedale, Ralph L., assignor.)
General Motors Corporation. (See Underwood, Arthur F., assignor.)
General Steel Castings Corporation. (See Sheehan, William M., assignor.)
General Talking Pictures Corporation. (See Tappan, Chester, assignor.)
General Time Instruments Corporation. (See Reinhardt, Joseph A., assignor.)
Gibbons, Joseph T., Washington, D. C., assignor to W. C. Krout, Charlotte, N. C. Method of and device for packaging laundry. 2,063,547; Dec. 8.
Gilardoni, Lewis T., Birmingham, Ala. Dating and numbering machine. 2,063,427; Dec. 8.
Gildersleeve, Arthur P., Denver, Colo. Drinking tube. 2,063,803; Dec. 8.
Gillespie, Henderson C., assignor to Communication Patents, Inc., New York, N. Y. Electrical discharge control and television system. 2,063,804; Dec. 8.
Gillet, Alexis F., Omaha, Nebr., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Warning signal generator. 2,063,872; Dec. 8.
Gilman, Clarence C., Alhambra, Calif. Rotary display device and operating means therefor. 2,063,599; Dec. 8.
Gilpin, Garth G., Riverside, Ill., assignor to P. H. Murphy Company, New Kensington, Pa. Process and product of welding galvanized iron sheets. 2,063,671; Dec. 8.

Girdler Corporation. (See Vogt, Clarence W., assignor.)
Girdler Corporation, The. (See Vogt, C. W., and Snyder, assignors.)
Gleason Works. (See De Leeuw, Adolph L., assignor.)
Glick, Clarence E., assignor, by mesne assignments, to The Oster Manufacturing Company, Cleveland, Ohio. Pipe cutting machine. 2,063,498; Dec. 8.
Globe Oil Tools Company. (See Catland, Alfred C., assignor.)
Goddard, Merrill B., Chicago, Ill., assignor, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J. Controlling a film of moisture. 2,063,672; Dec. 8.
Goebel, George, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Container cap. 2,063,428; Dec. 8.
Goetting, Clyde E., assignor of one-half to E. L. Thomas, Drumright, Okla. Jar holder. 2,063,805; Dec. 8.
Goff, Harold W., Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter. 2,063,308; Dec. 8.
Golub, Meyer, et al. (See Brody, Solomon, assignor.)
Goosman, Herbert J., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine frame. 2,063,841; Dec. 8.
Gordon, Morris. (See Gordon, Moses, assignor.)
Gordon, Moses, assignor of one-half to M. Gordon, Cincinnati, Ohio. Hose supporter. 2,063,429; Dec. 8.
Government of the United States of America, represented by the Secretary of the Navy. (See Schneidewind, Richard, assignor.)
Graef, Russell C., Westfield, N. J. Building wall construction unit. 2,063,309; Dec. 8.
Graham, George J. (See Robins, Washington L., assignor.)
Graser, Harry, assignor to The Perfection Manufacturing Co., St. Louis, Mo. Locking mechanism for collapsible baby carriages and the like. 2,063,242; Dec. 8.
Graser, Thomas T., assignor of one-half to E. D. Lichtenberg, Syracuse, N. Y. Liquid dispenser. 2,063,430; Dec. 8.
Gray, Daniel M., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Metal closure for bottles and jars. 2,063,157; Dec. 8.
Grayson, Ellison C., and V. W. Benner, St. Paul, Minn. Apparatus for icing railway refrigerator cars or other vehicles. 2,063,431; Dec. 8.
Green, Charles W., Ilion, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 2,063,091; Dec. 8.
Green, Newton B., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Erecting mechanism for folding cameras. 2,063,310; Dec. 8.
Greenberg, Charles B., New York, N. Y. Spring bar. 2,063,733; Dec. 8.
Greene, Minnie, and L. Udey, El Segundo, Calif. Kitchen utensil. 2,063,432; Dec. 8.
Greenewalt, Crawford H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resins containing nitrogen. 2,063,158; Dec. 8.
Greer, Elva O., Amarillo, Tex. Loose leaf binder. 2,063,548; Dec. 8.
Grenat, John J., Detroit, Mich. Carburetor. 2,063,433; Dec. 8.
Grieder, Theodore G. (See Barnes, James L., assignor.)
Griffith, Raymond E. (See Corriston, John W., assignor.)
Grimes, Wm. L. (See Sharp, L. Alan, assignor.)
Grip, Carl A. O. (See Pikul, J. H., and Grip.)
Groden, John J., Philadelphia, Pa. Tire carrier. 2,063,092; Dec. 8.
Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Sink and laundry tub. 2,063,243; Dec. 8.
Grom, Franz. (See Persiel, H., Balle, Grom, and Semmig.)
Groove, Egbert, Neuss-on-the-Rhine, Germany. Constructional element for building. 2,063,150; Dec. 8.
Guedon, Emile C., Audubon, A. D. Burt, Narberth, Pa., and F. Shoup, Oaklyn, N. J., assignors to Radio Corporation of America. Electrical vibrator unit. 2,063,311; Dec. 8.
Gulf Research & Development Company. (See Kemler, Emory N., assignor.)
Gulliver, Archibald D., Fitchburg, Mass. Efficiency indicating mechanism for brakes. 2,063,244; Dec. 8.
Gundlach, Alwin, St. Louis, Mo. Burial vault. 2,063,806; Dec. 8.
Gürtler, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Wave generation system. 2,063,307; Dec. 8.
Gustafsson, Evelyn, New York, N. Y. Amusement apparatus. 2,063,600; Dec. 8.
Gutmann, Herbert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Frequency multiplier circuits. 2,063,093; Dec. 8.
Haddock, Norman H., and F. Lodge, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Anthraquinone dyestuffs. 2,063,246; Dec. 8.
Haeseler, Kurt W., Forest Hills, assignors to Foster D. Snell, Inc., Brooklyn, N. Y. Detection of deterioration of food. 2,063,245; Dec. 8.
Hahnemann, Walter M., Berlin-Marienfelde, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Single wave transmitting system. 2,063,500; Dec. 8.
Hale, Elbert D., Glentana, Mont. Wind wheel. 2,063,540; Dec. 8.
Hale, Frank C., and W. Howarth, Spondon, near Derby, England, assignors to Celanese Corporation of America. Shedding mechanism for circular looms. 2,063,734; Dec. 8.
Haley, Hugh D., Lynn, Mass., assignor to General Electric Company. Lubricating system. 2,063,673; Dec. 8.
Hall, Basil G., Minneapolis, Minn. Flour sifter. 2,063,499; Dec. 8.
Hall, C. M., Lamp Company. (See Taylor, Arnold N., assignor.)
Hamill, Rot O., New York, N. Y., assignor to Sangamo Electric Company, Springfield, Ill. Maximum demand meter. 2,063,735; Dec. 8.
Hance, Isaac L., assignor to The Cuno Engineering Corporation, Meriden, Conn. Auto oil filter. 2,063,247; Dec. 8.
Handke, Walter, Dunlap, Iowa. Adjustable tapered roller bearing for pitmans. 2,063,807; Dec. 8.
Hänschke, Albert, Kiel, assignor to Fried. Krupp Germaniawerft Aktiengesellschaft, Kiel-Gaarden, Germany. Turbine plant. 2063,094; Dec. 8.
Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Frequency changer. 2,063,248; Dec. 8.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electrical vacuum pump. 2,063,249; Dec. 8.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electrical vacuum pump. 2,063,250; Dec. 8.
Hansen, Harvey F., Alameda, and H. J. Scholtze, Berkeley, Calif. Internal combustion engine. 2,063,374; Dec. 8.
Harbo, Alf F., St. Cloud, Minn. Device for teaching music reading. 2,063,501; Dec. 8.
Hardiman, Frank M., and L. P. Saunders, Lockport, N. Y., assignors to General Motors Corporation, Detroit, Mich. Heat exchanger. 2,063,736; Dec. 8.
Hardin, Richard F. (See Young, F., and Hardin.)
Harris, Frank W. (See Tainton, U. C., and Harris.)
Hart, Frederick A., New Britain, Conn., assignor to Remington Typewriter Company, Ilion, N. Y. Combined typewriting and computing machine. 2,063,737; Dec. 8.
Harteck, Paul. (See Farkas, L., and Harteck.)
Hartford Empire Company. (See Honiss, William T., assignor.)
Hartford-Empire Company. (See Peiler, K. E., and Morgan, assignors.)
Hartford-Empire Company. (See Rowe, George E., assignor.)
Harvey, Herbert and S. Malis, assignors to L. M. Harvey, Los Angeles, Calif. Windshield wiper. 2,063,375; Dec. 8.
Harvey, Leo M. (See Harvey, H., and Malis, assignors.)
Hatfield, George A., Torrance, Calif., assignor to The National Superior Company, Toledo, Ohio. Pump plunger. 2,063,160; Dec. 8.
Hausser, Lawrence J., Joliet, Ill. Stove construction. 2,063,376; Dec. 8.
Havas, Emeric, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Asymmetric indigoid thioindigoid colors. 2,063,161; Dec. 8.
Haverhill Shoe Novelty Company. (See Clinch, Charles S., Sr.)
Hawaiian Hume Concrete Pipe Company. (See Billson, Marcus K., assignor.)
Hawes, David H., Bridgeport, Conn. Liquid dispensing device. 2,063,036; Dec. 8.
Hazel-Atlas Glass Company. (See Gray, Daniel M., assignor.)
Heath, George B. and G. F., St. Louis, Mo. Street-lamp. 2,063,095; Dec. 8.
Heath, George F. (See Heath, George B. and G. F.)
Hedgcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Wheel and axle assembly. 2,063,738; Dec. 8.
Hedgcock, William C., Wilmette, and H. C. Keysor, La Grange Park, assignors to American Steel Foundries, Chicago, Ill. Truck. 2,063,739; Dec. 8.
Heftler, Victor R. (See Tweddell, Oscar G., assignor.)
Heinbuch, George W., Toronto, Ontario, Canada, assignor to General Electric Company. Electrical heating device. 2,063,096; Dec. 8.
Heindel, Lyman. (See Britton, E. C., Heindel, and Bryner.)
Heimer, Govert Surahammar, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Way of manufacturing fireproof nozzles for ladles. 2,063,377; Dec. 8.
Hemmerly, Earl S., Philadelphia, Pa. Shading lens. 2,063,502; Dec. 8.
Henderson, James P. (See Fairchild, C. O., and Henderson.)
Henderson, Leon. (See Henderson, Thomas J., and L.)
Henderson, Robert R., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,063,740; Dec. 8.
Henderson, Thomas J., and L. Henderson, Bayport, N. Y. Electrically heated safety razor. 2,063,808; Dec. 8.

Hendrickson, Severin, Templeton, and J. Leger, Gardner, assignors to Heywood-Wakefield Company, Boston, Mass. Rotating car seat base. 2,063,674; Dec. 8.
Henke, Clyde O., and G. Etzel, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of cyclic terpene alcohols. 2,063,162; Dec. 8.
Henriksen, Alfred. (See Lincoln, B. H., and Henriksen.)
Henriksen, Ellen M., administratrix. (See Lincoln, B. H., and Henriksen.)
Hercknans, Alfred. (See Bischoff, C. F., and Hercknans.)
Hermann, Otto, St. Louis, Mo. Thermocouple. 2,063,097; Dec. 8.
Hermsdorf, Walter H., and A. W. Aroner, assignors to S. H. G. Incorporated, Chicago, Ill. Fluid pump. 2,063,503; Dec. 8.
Hersey, Arthur J., and C. L. Madden, Minneapolis, Minn. Convertible railway freight car. 2,063,434; Dec. 8.
Hertz, Stanislas, and M. P. Berger, Paris, France. Starting device. 2,063,251; Dec. 8.
Herzog, Herman, Dessau-Ziebigk in Anhalt, assignor to I. G. Farbeniudustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Spinning nozzle for the dry spinning process. 2,063,435; Dec. 8.
Hessenland, Max, and R. Böttlcher, Konigsberg, Germany. Obtaining resin from trees. 2,063,163; Dec. 8.
Heywood-Wakefield Company. (See Hendrickson, S., and Leger, assignors.)
Hibbard, Robert L., Bellevue, assignor of one-half to W. K. Stamets, Pittsburgh, Pa. Self-centering device. 2,063,741; Dec. 8.
Highfield, George. (See Crooks, H. S., and Highfield.)
Hild, Frederic W., Los Angeles, Calif. Multiflow cooling for internal combustion engines. 2,063,436; Dec. 8.
Hills Bros. (See McIver, Paul D., assignor.)
Hiniker, Benjamin F., Taft, Calif. Oil well spider. 2,063,378; Dec. 8.
Hively, Ossian, assignor to The Morgan Engineering Company, Alliance, Ohio. Stripping ingots. 2,063,675; Dec. 8.
Hively, Ossian, assignor to The Morgan Engineering Company, Alliance, Ohio. Ingot stripper. 2,063,676; Dec. 8.
Hobart Manufacturing Company, The. (See Meeker, David A., assignor.)
Hobart Manufacturing Company, The. (See Von Pein, Edward J., assignor.)
Hobart Manufacturing Company, The. (See Wiley, Raymond D., assignor.)
Hobbs, John W., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Overrunning clutch and control means therefor. 2,063,379; Dec. 8.
Hobby, Amos K. (See Choate, P. C., and Hobby.)
Hochwalt, Carroll A. (See Thomas, C. A., and Hochwalt.)
Hodge, William B., Charlotte, N. C., assignor to Parks-Cramer Company, Fitchburg, Mass. Cleaning apparatus. 2,063,873; Dec. 8.
Hodge, William B., Charlotte, N. C., assignor to Parks-Cramer Company, Fitchburg, Mass. Traveling cleaner. 2,063,874; Dec. 8.
Hodgson, William W., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 2,063,550; Dec. 8.
Hoe, R., & Co. (See Horton, Albert J., assignor.)
Hoesel, Anthony F., assignor to Peerless Ice Machine Company, Chicago, Ill. Refrigerant distributor. 2,063,380; Dec. 8.
Holland, Louis E., Kansas City, Mo. Lawn sprinkler. 2,063,381; Dec. 8.
Holm, Waldemar, Furstenwalde/Spree, assignor to Julius Pintsch Aktiengesellschaft, Berlin, Germany. Reversing mechanism for dry gas meters. 2,063,164; Dec. 8.
Holmes, John R., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Combined metal plate oil filter and oil cooler. 2,063,742; Dec. 8.
Holny, Michael. (See Lanzl, E. G., and Holny.)
Holzbaur, Eugen. (See Meyer, A., and Holzbaur.)
Homan, John G., Steubenville, Ohio. Rupture supporting device. 2,063,382; Dec. 8.
Honiss, William T., West Hartford, assignor to Hartford Empire Company, Hartford, Conn. Selective apparatus for and method of controlling flow of glass to tank or furnace forehearths. 2,063,842; Dec. 8.
Hookless Fastener Company. (See Norton, Samuel H., assignor.)
Hopkins, Roy S., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Printing machine lamp house. 2,063,312; Dec. 8.
Horton, Albert J., White Plains, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Web supply mechanism. 2,063,098; Dec. 8.
Horwitt, Nathan G., M. Katcher, and W. Noell, assignors to Design Engineers, Incorporated, New York, N. Y. Lamp and variable focus shade. 2,063,504; Dec. 8.
Houde Engineering Corporation. (See Peo, Ralph F., assignor.)
Howard, John H., Huntington Park, Calif. Core recovering means. 2,063,437; Dec. 8.
Howarth, William. (See Hale, F. C., and Howarth.)
Hubbard, Bruce W., Oak Park, assignor to Ideal Roller & Manufacturing Co. Inc., Chicago, Ill. Surfacing of inking rolls. 2,063,037; Dec. 8.
Hubbell, Harvey, Jr., Bridgeport, Conn. Attachment plug cap. 2,063,038; Dec. 8.
Huber, Herman J., Brookline, Pa., assignor to General Electric Company. Electrical switchgear. 2,063,875; Dec. 8.
Huff, Lyman C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,063,505; Dec. 8.
Hughes, John M., and J. H. Carter, Youngstown, Ohio, and E. E. Reagle, Sharon, Pa., assignors to Sharon Steel Corporation. Rolling copper strips and the like. 2,063,677; Dec. 8.
Hull, Harry B., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating system. 2,063,039; Dec. 8.
Hulme, Edith M., Brighton, England. Locking containers, conduits, and the like. 2,063,678; Dec. 8.
Hult, Warner G. (See Koenig, E. E., and Hult.)
Hummel, August, New York, N. Y. Sparkler. 2,063,601; Dec. 8.
Hunt, James K., and G. H. Latham, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of animal and vegetable fats and oils. 2,063,602; Dec. 8.
Hunter, Percy E., and K. J. Deahl, Pittsburgh, Pa., said Deahl assignor to said Hunter. Annealing box. 2,063,603; Dec. 8.
Hunter, Richard S., Fairfax County, Va. Photometric device. 2,063,551; Dec. 8.
Hutchens and Merritt Incorporated. (See Hutchens, Leander Z., assignor.)
Hutchens, Leander Z., assignor to Hutchens and Merritt Incorporated, Mount Airy, N. C. Laundry checking device. 2,063,165; Dec. 8.
Hutchinson, Richard J., Ithaca, assignor of one-half to R. Yost, Reading Center, N. Y. Pocket ashtray. 2,063,679; Dec. 8.
Hydraulic Brake Company. (See Oliver, Wallace F., assignor.)
Hydromatic Corporation. (See Baumgarten, A. W., and Pardee, assignors.)
Hygrade Sylvania Corporation. (See Allen, Victor O., assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Beck, Adolf, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Faller, Paul, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Herzog, Hermann, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Lederle, Ekbert, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Persiel, H., Balle, Grom, and Semmig, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Donath, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See von Weinberg, A., Rein, and Eisenhut, assignors.)
Ideal Roller & Manufacturing Co. Inc. (See Hubbard, Bruce W., assignor.)
Illinois Clay Products Company, The, et al. (See Jones, Otis L., assignor.)
Imperial Chemical Industries Limited. (See Fairweather, D. A. W., and Thomas, assignors.)
Imperial Chemical Industries Limited. (See Haddock, N. H., and Lodge, assignors.)
Imperial Chemical Industries Limited. (See Shaw, Cecil, assignor.)
Imperial Chemical Industries Limited. (See Wyler, Max, assignor.)
Imperial Chemical Industries Limited. (See Wyler, M., and Kersey, assignors.)
Imrie, James E., Grand Rapids, Mich. Dry kiln. 2,063,438; Dec. 8.
Industrial Patents Corporation. (See Walter, Charles T., assignor.)
International Business Machines Corporation. (See Bryce, James W., assignor.)
International Business Machines Corporation. (See Carroll, Fred M., assignor.)
International Business Machines Corporation. (See Daly, George F., assignor.)
International Business Machines Corporation. (See Keen, Harold H., assignor.)
International Business Machines Corporation. (See Wellman, Charles O., assignor.)
International Resistance Company. (See Pender, Harold, assignor.)
International Standard Electric Corporation. (See Scott, T. R., and Webb, assignors.)
Iowa State College Alumni Association, Incorporated. (See Collins, Edgar V., assignor.)
Isaacs, Jasper P., assignor of one-half to J. Porter, Shamrock, Tex. Safety gas valve. 2,063,809; Dec. 8.
Isham, Robert M., Okmulgee, assignor to Danciger Oil & Refineries, Inc., Tulsa, Okla. Recovery of acetylene from gas mixtures. 2,063,680; Dec. 8.
Iversen, Lorenz, assignor to Mesta Machine Company, Pittsburgh, Pa. Rolling mill. 2,063,810; Dec. 8.
Izard, Emmette F. (See Barrett, H. J., and Izard.)
Jacob, Joseph A. W., and L. B. Temple, Montreal, Quebec, Canada. Electric bell. 2,063,604; Dec. 8.

Jaeger, Gustav, Neu-Isenburg, assignor to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfort-on-the-Main, Germany. Decomposing beryllium minerals. 2,063,811; Dec. 8.
James, Wallace O., New York, N. Y. Airplane control. 2,063,812; Dec. 8.
Jansse, Hermanus A. D., Djokjakarta, Java, Dutch East Indies. Device for boiling sugar juices to crystals. 2,063,166; Dec. 8.
Janssens, Peter A., Chicago, Ill. Measuring device. 2,063,605; Dec. 8.
Jaworski, Hans J., Milwaukee, Wis. String holder for sausage casings. 2,063,681; Dec. 8.
Jensen, James A., assignor to Quaker City Iron Works, Philadelphia, Pa. Rotary fluid-conducting hose reel construction. 2,063,843; Dec. 8.
Johnsen, Birger, Brooklyn, N. Y. Grid used in connection with ice trays. 2,063,100; Dec. 8.
Johnson, Ansgarius H., Minneapolis, Minn. Dispensing device. 2,063,606; Dec. 8.
Johnson, Clarence, East Cleveland, Ohio, assignor to Bailey Meter Company. Pressure measuring device. 2,063,313; Dec. 8.
Johnson, James K. (See Johnson, Lynn E. and J. K., and Shaver.)
Johnson, John B., Maplewood, and H. W. Weinhart, Elizabeth, N. J., assignors to Bell Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,063,314; Dec. 8.
Johnson, Lynn E., Canastota, J. K. Johnson, Oneida, and B. H. Shaver, Cazenovia, N. Y. Tensioning device for antiskid armor. 2,063,439; Dec. 8.
Johnson, Mary, Cleveland, Ohio. Automobile brake. 2,063,440; Dec. 8.
Johnson, Russell H., Indianapolis, Ind. Fineness modulus indicator. 2,063,506; Dec. 8.
Johnson, Wilfrid E., Schenectady, N. Y., assignor to General Electric Company. Machine mounting. 2,063,682; Dec. 8.
Johnson, William C., assignor to Machinery Development Company, Milwaukee, Wis. Setting out machine. 2,063,101; Dec. 8.
Johnston, Howard A., Toronton, Ontario, Canada. Sleeve stretcher. 2,063,683; Dec. 8.
Jolly, Carl H., United States Navy. Hoisting sling. 2,063,040; Dec. 8.
Jones & Laughlin Steel Corporation. (See Littler, Carl W., assignor.)
Jones, Marvyn, Kansas City, Mo. Machine for driving piling in railroad beds. 2,063,383; Dec. 8.
Jones, Otis L., assignor of one-half to The Illinois Clay Products Company and one-half to F. E. Schundler & Company, Inc., Joliet, Ill. Porous refractory insulating cement. 2,063,102; Dec. 8.
Jordhoy, Hans C., North Plainfield, and C. L. Ricards, South Plainfield, N. J., assignors to Wood Newspaper Machinery Corporation, New York, N. Y. Web splicing device. 2,063,384; Dec. 8.
Juno Corporation. (See Stewart, Charles E., assignor.)
Kadel, Byers W., Baltimore, Md., assignor to The Symington-Gould Corporation, Rochester, N. Y. Draft rigging. 2,063,876; Dec. 8.
Kammerer, Hans. (See Siefert, F., and Kaemmerer.)
Kaiser, Alfred, Jersey City, and P. Niethamer, Secaucus, N. J. Cigarette case and match box. 2,063,103; Dec. 8.
Kalle & Co. Aktiengesellschaft. (See Schmidt, M. P., and Zahn, assignors.)
Kalle & Co. Aktiengesellschaft. (See Werner, Georg, assignor.)
Kamborian, Jacob S., West Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting tool. 2,063,167; Dec. 8.
Kamrath, Herbert G., Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Filter element. 2,063,743; Dec. 8.
Karcher, Henry. (See Raab, L., and Karcher.)
Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Attachment for sewing machines. 2,063,844; Dec. 8.
Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Attachment for sewing machines. 2,063,845; Dec. 8.
Karper, Abraham S., New York, N. Y. Waste receptacle. 2,063,507; Dec. 8.
Kartles Limited. (See Ware, Herbert M., assignor.)
Katcher, Morris. (See Horwitt, N. G., Katcher, and Noell.)
Kawneer Company, The. (See Plym, Francis J., assignor.)
Kay, David T., et al. (See Koenig, Paul, assignor.)
Keen, Harold H., Letchworth, England, assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,063,508; Dec. 8.
Kellendorfer, Richard, Munich, Germany. Electric safety cut-out. 2,063,813; Dec. 8.
Kellogg, Helen L. (See Kellogg, John L., assignor.)
Kellogg, John L., assignor to H. L. Kellogg, Chicago, Ill. Cooling and pressure control means for liquid containers. 2,063,877; Dec. 8.
Kemler, Emory N., Glenshaw, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Mechanical dynamometer. 2,063,169; Dec. 8.
Kendig, Benton B., Philadelphia, Pa., assignor to Wescott Products Corp., Brooklyn, N. Y. Tubular article. 2,063,607; Dec. 8.
Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Superheated steam cooling device. 2,063,441; Dec. 8.
Kersey, Robert W. (See Wyler, M., and Kersey.)
Keysor, Harold C. (See Hedgcock, W. C., and Keysor.)
Kibbe, Susie, Oakland, Calif. Brassière. 2,063,104; Dec. 8.
Kimpton, William H. (See Roberts, R. P., Kimpton, and Dingley.)
King, Frank G. W., Sutton Coldfield, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Pneumatic tire cover. 2,063,105; Dec. 8.
Kinkead, Robert S., St. Paul, Minn. Mower. 2,063,168; Dec. 8.
Kinn, Gabriel. (See McFarlane, M. D., and Kinn.)
Kinzie, Charles J., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Vitreous enamel and making same. 2,063,252; Dec. 8.
Kleinelsen- und Schraubenfabrik Steele Gesellschaft mit beschrankter Hattung. (See Selbel, Fritz, assignor.)
Klipfel Manufacturing Company. (See McCarthy, Elmer T., assignor.)
Kloos, John, assignor to The Morgan Engineering Company, Alliance, Ohio. Ingot stripper. 2,063,684; Dec. 8.
Knight, Lester B., Jr. (See Pape, L. R., and Knight.)
Knowles, Lloyd G., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for applying pressure to shoe bottoms. 2,063,041; Dec. 8.
Koehler Manufacturing Company. (See Wheat, Grant, assignor.)
Koehring Company. (See Robb, John F., assignor.)
Koenig, Elmer E., Garfield Heights, and W. G. Hult, Cleveland, Ohio. Transom operator. 2,063,883; Dec. 8.
Koenig, Paul, assignor of forty per cent to David T. Kay, and twenty per cent to J. L. McCarthy, Chicago, Ill. Time controlled reproducer and amplifier. 2,063,385; Dec. 8.
Kramer, Cletus F., deceased, Chicago, Ill., Central Republic Trust Company, executor, assignor, by mesne assignments, to Bausch & Lomb Optical Company, Rochester, N. Y. Eyeglass mounting and producing same. 2,063,170; Dec. 8.
Kramer, Sam, Elizabeth, N. J., assignor to Beaux Arts Lighting Co., Inc., New York, N. Y. Light diffusion fixture. 2,063,744; Dec. 8.
Kriege, George, assignor to Milwaukee Valve Company, Milwaukee, Wis. Lock valve. 2,063,442; Dec. 8.
Krout, Walter C. (See Gibbons, Joseph T., assignor.)
Kruckenberg, Franz, et al. (See Barske, Ulrich, assignor.)
Krupp, Fried., Germaniawerft Aktiengesellschaft. (See Hänschke, Albert, assignor.)
Kucher, Andrew A., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigeration. 2,063,745; Dec. 8.
Kucher, Andrew A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,063,171; Dec. 8.
Kuettel, Glen M., Roselle, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of cast resins. 2,063,315; Dec. 8.
Kühnel, Carl, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerge Aktiengesellschaft, Berlin-Siemensstadt, Germany. Vacuum cleaning device. 2,063,253; Dec. 8.
L. C. L. Corporation, The. (See Woodruff, Graham C., assignor.)
Lacy, Benjamin B., Houston, Tex. Vibrating drive. 2,063,509; Dec. 8.
Lade, Archibald C., Northampton, assignor to B. F. Perkins & Son, Inc., Holyoke, Mass. Roll. 2,063,608; Dec. 8.
La Fontaine, Edward G., Brooklyn, N. Y. Window structure. 2,063,316; Dec. 8.
Lambert, Homer T., St. Joseph, Mich. Brake mechanism. 2,063,443; Dec. 8.
Lambert, Homer T., St. Joseph, Mich. Brake apparatus. 2,063,444; Dec. 8.
Lambert, Homer T., St. Joseph, Mich. Momentum-actuated brake apparatus. 2,063,445; Dec. 8.
Lamm, Uno, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Grid control means in ion valve apparatus. 2,063,106; Dec. 8.
Lamont, Robert P., New York, N. Y., assignor to Shawmont Corporation. Rail joint and adjustable splicing element therefor. 2,063,317; Dec. 8.
Lamson Company, The. (See Crady, Allen E., assignor.)
Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in appiying pressure to shoe bottoms. 2,063,172; Dec. 8.
Lane, Merton B., Holden, assignor to Norton Company, Worcester, Mass. Abrasive wheel. 2,063,685; Dec. 8.
Lange, Emil, Berlin-Zehlendorf, Germany. Arc rupturing device for electric switches. 2,063,173; Dec. 8.
Lange, Henry, Quincy, Ill., assignor to The Quincy Stove Manufacturing Company, Quincy, Mass. Combination range. 2,063,846; Dec. 8.
Langford, George, Joliet, Ill. Shaping rail joint bars. 2,063,386; Dec. 8.
Langford, George, Joliet, Ill. Repairing a rail joint. 2,063,387; Dec. 8.
Lanzl, Elmo G., and M. Holny, Chicago, Ill. Roasting machine. 2,063,446; Dec. 8.
Larsen, Neil P., assignor to American Coach & Body Company, Cleveland, Ohio. Vehicle construction. 2,063,388; Dec. 8.

Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company Mercury switch relay. 2,063,609; Dec. 8.
Larson, John V., Chicago, Ill. Pipe wrench. 2,063,318; Dec. 8.
Latham, George H. (See Hunt, J. K., and Latham.)
Lavigne, Isobel R. (See Lavigne, Michael A. S.)
Lavigne, Michael A. S., Worcester, Mass., assignor of fifteen per cent to M. M. Taylor, and eighty-five per cent to M. M. Taylor as trustee for I. R. Lavigne. Oil burner. 2,063,847; Dec. 8.
Lazich, Branko, Edgewood, and H. E. Ashworth, assignors to The Union Switch & Signal Company, Swissvale, Pa. Worm gearing. 2,063,510; Dec. 8.
Leuen, Henry, Newcastle-upon-Tyne, assignor to A. Reyrolle & Company Limited, Hebburn-upon-Tyne, England. Electric relay. 2,063,447; Dec. 8.
Lederle, Ekbert, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Chrome pigments. 2,063,254; Dec. 8.
Lee, Henry R. (See Buxbaum, E. C., and Lee.)
Lee, Maynard D., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Shipping container for silk cops. 2,063,319; Dec. 8.
Lefevre, Emil B. G., Detroit, Mich. Concealed hinge. 2,063,686; Dec. 8.
Lefrand, Edouard, Issy-les-Moulineaux (Seine), France, assignor to W. Mansbach, Berlin, Germany. Displaying apparatus. 2,063,687; Dec. 8.
Leger, Joseph. (See Hendrickson, S., and Leger.)
Legg, David A., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Controlling hydrogen ion concentration of butyl alcohol fermentation mashes. 2,063,449; Dec. 8.
Legg, David A., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of ethyl alcohol and acetone by fermentation. 2,063,450; Dec. 8.
Legg, David A., and H. R. Stiles, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Controlling hydrogen ion concentration of butyl alcohol fermentation masnes. 2,063,448; Dec. 8.
Lehigh University. (See Seyfert, Stanley S., assignor.)
Leonard, Anthon A., Glenside, assignor to Transitone Automobile Radio Company, Philadelphia, Pa. Demodulator. 2,063,814; Dec. 8.
Leonard, Merton S., Boston, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Fan. 2,063,174; Dec. 8.
Less, Joseph W., Clinton, Iowa. Necktie and making the same. 2,063,511; Dec. 8.
Less, Joseph W., Clinton, Iowa. Necktie. 2,063,512; Dec. 8.
Lewis, Daniel, Pittsburgh, Pa., assignor to Continental Roll & Steel Foundry Company. Roll and making the same. 2,063,815; Dec. 8.
Lichtenberg, Eugene D. (See Graser, Thomas T., assignor.)
Lier, Robert P., assignor of two-fifths to A. C. Cohrt and D. M. Rogers, Mitchell, S. Dak. Removable plowshare edge. 2,063,688; Dec. 8.
Lincoln, Bert H., and A. Henriksen, deceased, by E. M. Henriksen, administratrix, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. 2,063,880; Dec. 8.
Lindell, Bertil T., Detroit, Mich., assignor to The Murray Corporation of America. Barrel. 2,063,389; Dec. 8.
Lindell, Bertil T., Detroit, Mich., assignor to The Murray Corporation of America. Bottle case. 2,063,390; Dec. 8.
Linder, Willis W., Salisbury, N. C., assignor to Parks-Cramer Company. Traveling cleaner for machinery. 2,063,816; Dec. 8.
Line Material Company. (See Schultz, W. O., and Steinmayer, assignors.)
Linke, Howard and W. M. Priest, New York, N. Y. X-ray apparatus. 2,063,878; Dec. 8.
Linsell, Alfred A., London, England, assignor to Radio Corporation of America. Signaling system. 2,063,610; Dec. 8.
Lisbon, Joseph C., Sr., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 2,063,175; Dec. 8.
Littler, Carl W. assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Manufacture of tubes. 2,063,689; Dec. 8.
Littleway Process Company, The. (See Anderson, Charles T., assignor.)
Lodge, Frank. (See Haddock, N. H., and Lodge.)
Lohr, James M., Morristown, assignor to Driver-Harris Company, Harrison, N. J., Alloy. 2,063,513; Dec. 8.
Loock, Frederick F., River Hills, assignor to Allen-Bradley Company, Milwaukee, Wis. Enclosure for electrical devices. 2,063,099; Dec. 8.
Lorenz, C., Aktiengesellschaft. (See Hahnemann, Walter M., assignor.)
Loudon, Warren P., assignor to Delco Aviation Corporation, Dayton, Ohio. Circuit maker and breaker. 2,063,320; Dec. 8.
Lovell, Stanley P., Newton, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H. Stiffening shoes. 2,063,690; Dec. 8.
Lubrication Corporation, The. (See Tear, Harry R., assignor.)
Lubri-Zol Development Corporation, The. (See Lincoln, B. H., and Henriksen, assignors.)
Lubri-Zol Development Corporation, The. (See Steiner, Waldo L., assignor.)
Lunoe, Joseph and M. C. Ranseen, Minneapolis, Minn., said Ranseen assignor to said Lunoe. Illuminating device. 2,063,451; Dec. 8.
Luty, Donald J., assignor to Wood Hydraulic Hoist & Body Company, Detroit, Mich. Hot air furnace. 2,063,321; Dec. 8.
MacClatchie Manufacturing Company. (See Cater, Earl E., assignor.)
Machinery Development Company. (See Johnson, William C., assignor.)
Mack, Perry E., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Carburetor. 2,063,107; Dec. 8.
Mackinner Corporation. (See McFarlane, M. D., and Kinn, assignors.)
MacLeod, William J., Detroit, Mich., assignor to Backstay Welt Co. Welt. 2,063,611; Dec. 8.
Madden, Charles L. (See Hersey, A. J., and Madden.)
Madsen, Louis P. G., North Troy, and G. A. Wallin, Flushing, assignors to Cluett, Peabody & Co., Inc., Troy, N. Y. Shirt arrangement. 2,063,255; Dec. 8.
Magill, Rowland, Atlanta, Ga., assignor to The M. Werk Company, Cincinnati, Ohio. Treating textile materials. 2,063,176; Dec. 8.
Magnesium Development Corporation. (See Wagner, Karl F., assignor.)
Maitland, Frank K., Chicago, Ill. Vending machine and control mechanism therefor. 2,063,108; Dec. 8.
Malick, Boyd C., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Electrode mounting. 2,063,391; Dec. 8.
Malis, Samuel. (See Harvey, H., and Malis.)
Mallina, Rudolph F., Little Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone message recorder. 2,063,323; Dec. 8.
Mallory, Marion, Detroit, Mich. Two-cycle engine. 2,063,817; Dec. 8.
Malloy, Frank J., Cleveland Heights, Ohio, assignor to General Electric Company. Apparatus for making articles of metal and glass. 2,063,109; Dec. 8.
Malm, Carl J., and C. R. Fordyce, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Separation of an organic acid ester from its reaction mixture. 2,063,322; Dec. 8.
Malm, Carl J., and G. F. Nadeau, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Regulating the pretreating and esterifying of cellulose. 2,063,324; Dec. 8.
Mankinen, Jacob, Ashtabula, Ohio. Orthopedic device. 2,063,818; Dec. 8.
Mansbach, Willy. (See Lefrand, Edouard, assignor.)
Marchant, William E., Detroit, Mich., assignor to Engineering and Research Corporation, Washington, D. C. Combined punching and riveting machine. 2,063,691; Dec. 8.
Marks Products Co. Inc. (See Smith, Christopher I., assignor.)
Marsellus Casket Co. (See Marsellus, John C., assignor.)
Marsellus, John C., assignor to Marsellus Casket Co., Inc., Syracuse, N. Y. Retaining strap for covers or the like. 2,063,256; Dec. 8.
Marshall, Frank, and R. M. Organ, Girard, Ill. Baseball scoring device. 2,063,612; Dec. 8.
Martin-Binachon, Jean, Pont-Saisemon, France, assignor to General Motors Corporation, Detroit, Mich. Stabilizing device for vehicles. 2,063,719; Dec. 8.
Martin, William H., Detroit, Mich. Electric welder. 2,063,257; Dec. 8.
Martin, William H., Detroit, Mich. Welding apparatus. 2,063,258; Dec. 8.
Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Food preparer. 2,063,692; Dec. 8.
Master Appliances, Incorporated. (See Sheetz, Robert Le R., assignor.)
Mattson, George W., Denver, Colo. Portable table. 2,063,819; Dec. 8.
Mauser, Max, St. Louis, Mo. Shoe heel structure. 2,063,042; Dec. 8.
McArdle, Michael W., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electrical appliance and plug therefor. 2,063,110; Dec. 8.
McCain, Wes W., Oak Park, assignor to Shellmar Products Company, Chicago, Ill. Package machine. 2,063,392; Dec. 8.
McCarthy, Elmer T., Chicago, Ill., assignor to Klipfel Manufacturing Company. Heat regulation for buildings. 2,063,613; Dec. 8.
McCarthy, Joseph L., et al. (See Koenig, Paul, assignor.)
McCarty, Orin P., Pittsfield, Mass., assignor to General Electric Company. Transformer voltage regulator. 2,063,693; Dec. 8.
McDonnell, James W., Palo Alto, Calif. Tire pressure indicating system. 2,063,452; Dec. 8.
McFarlane, Maynard D., and G. Kinn, Hempstead, assignors to Mackinner Corporation, New York, N. Y. Method and apparatus for making printing plates. 2,063,614; Dec. 8.
McGowan, L. H. (See Edwards, Hiram W.)
McGrath, John H., assignor to Puget Sound Paper Box Company, Seattle, Wash. Candy box. 2,063,259; Dec. 8.
McHenry, Karmon L., assignor of one-third to C and G Oil Company, Inc., and one-third to Wanete Oil Company, Dallas, Tex. Recording seismic waves. 2,063,820; Dec. 8.

McIntosh, Charles O., Des Moines, and O. R. Essex, Muscatine, Iowa. Permanently waving hair. 2,063,260; Dec. 8.
McIver, Paul D., Salt Lake City, Utah, assignor to Hills Bros., San Francisco, Calif. Display stand. 2,063,393; Dec. 8.
McKee, Garnet W., Rockford, Ill. Gas mixing apparatus. 2,063,453; Dec. 8.
McKee, Ralph H., New York, N. Y. Recovery of organic constituents from black liquor. 2,063,177; Dec. 8.
McKenzie, Joseph A., Oklahoma City, Okla. Drill pipe float valve. 2,063,821; Dec. 8.
McKesson, Elmer I., Toledo, Ohio, assignor to M. F. McKesson, Toledo, Ohio. Respiration method and apparatus. 2,063,043; Dec. 8.
McKesson, Martha F. (See McKesson, Elmer I., assignor.)
McLeod, Neil R., Montclair, N. J. Minimizing temperature stresses in metallic structures and product thereof. 2,063,325; Dec. 8.
McManus, Charles E., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Crown cap and method of making. 2,063,454; Dec. 8.
McManus, Charles E., Spring Lake, N. J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Closure and manufacturing thesame. 2,063,455; Dec. 8.
McMullen, Charles. (See Easter, G. J., and McMullen.)
McNally-Pittsburg Mfg. Corp., The. (See Riley, Homer W., assignor.)
McPhail, Harold R., Detroit, assignor, by mesne assignments, to Copeland Refrigeration Corporation, Mount Clemens, Mich. Valve structure. 2,063,111; Dec. 8.
Meeker, David A., assignor to The Hobart Manufacturing Company, Troy, Ohio. Washing machine. 2,063,746; Dec. 8.
Meem, Catherine R., administratrix. (See Meem, James C.)
Meem, James C., deceased, Brooklyn, N. Y., C. R. Meem, administratrix. Method and apparatus for constructing cofferdams. 2,063,514; Dec. 8.
Mees, Jay E., Merion, assignor of one-half to J. W. Corriston, Springfield, Pa. Refractory lining support for home heating units. 2,063,261; Dec. 8.
Mensch, Leopold J., Kenilworth, Ill. Expansion and contraction joint for concrete structures. 2,063,552; Dec. 8.
Merolle, Augustus L., assignor to Empire Metal Cap Co., Inc., Brooklyn, N. Y. Receptacle and closure therefor. 2,063,615; Dec. 8.
Merté, Willy, assignor to the firm of Carl Zeiss, Jena, Germany. Photographic objective. 2,063,178; Dec. 8.
Mertinz, Franz, Vienna, Austria, assignor to United Shoe Machinery Corporation, Paterson, N. J. Cutting die. 2,063,179; Dec. 8.
Mesta Machine Company. (See Iversen, Lorenz, assignor.)
Meuer, George J., and R. A. Millermaster, assignors of one-half to Cutler-Hammer, Inc., Milwaukee, Wis., and one-half to Borg-Warner Corporation. Service connecter. 2,063,044; Dec. 8.
Meuer, George J., and R. A. Millermaster, assignors, by mesne assignments, of one-half to Cutler-Hammer, Inc., Milwaukee, Wis., and one-half to Borg-Warner Corporation. Service connecter. 2,063,045; Dec. 8.
Meyer, Alfred, and E. Holzbaur, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Injection internal combustion engine. 2,063,848; Dec. 8.
Meyer, Ernst G. E. and E. C. Burgoyne, Hounslow, England. Production of artificial filaments and particularly such as are adapted for use for textile purposes. 2,063,180; Dec. 8.
Meyer, Frank W., East St. Louis, Ill. Drum lock. 2,063,394; Dec. 8.
Meyer, George L. N., Milwaukee, Wis. Filler valve. 2,063,326; Dec. 8.
Meyer, Seth M., West Bend, Wis. Hose coupling drain. 2,063,616; Dec. 8.
Meyerson, Louis B., Greenwich, Ohio. Bottle holder. 2,063,554; Dec. 8.
Miehle Printing Press & Manufacturing Company, The. (See Stevens, B. D., and Sites, assignors.)
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Variable driving mechanism. 2,063,262; Dec. 8.
Miller, Glenmore, Pontiac, Mich. Self-locking nut washer. 2,063,181; Dec. 8.
Miller, Kay. (See Trott, R. S., Swennes, and Miller.)
Miller, Wilber B., Flushing, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Arc welding electrode. 2,063,182; Dec. 8.
Millermaster, Ralph A. (See Meuer, G. J., and Millermaster.)
Milwaukee Valve Company. (See Kriege, George, assignor.)
Missinen, George, Bellingham, Wash. Pie loosener, cutter, and remover. 2,063,327; Dec. 8.
Möller, Rolf, Zehlendorf, near Berlin, and G. Schubert, Siemensstadt, near Berlin, assignors to Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Automatic regulation of the amplification in tele-cine transmitting amplifiers. 2,063,694; Dec. 8.
Monsanto Chemical Company. (See Conover, Courtney, assignor.)
Monten, William A. (See Farnon, William P., and H. J., assignors.)
Montrose-Oster, Louis-E.-W., Karlsbad, Czechoslovakia. Sand discharging apparatus for vehicles. 2,063,395; Dec. 8.
Mooney, Roy G., Okmulgee, Okla. Advertising plate. 2,063,553; Dec. 8.
Moorshead, Thomas C., assignor to The United Glass Bottle Manufacturers Limited, London, England. Circulating glass in glass furnace gathering basins or forehearths. 2,063,555; Dec. 8.
Morcom, John H., Long Beach, Calif. Bottle support. 2,063,328; Dec. 8.
Morgan, Donald K. (See Peller, K. E., and Morgan.)
Morgan Engineering Company, The. (See Bigler, C. L., and Ball, assignors.)
Morgan Engineering Company, The. (See Hively, Ossian, assignor.)
Morgan Engineering Company, The. (See Kleos, John, assignor.)
Morin, Louis H., Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Spearable slide fastener and making the same. 2,063,515; Dec. 8.
Morrell, Jacque C. (See Egloff, G., and Morrell.)
Morrell, Jacque C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,063,112; Dec. 8.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,063,113; Dec. 8.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,063,114; Dec. 8.
Morrell, Jacque C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Stabilizing gasoline and the like. 2,063,516; Dec. 8.
Morrell, Jacque C., and G. Egloff, assignors, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,063,517; Dec. 8.
Morrell, Jacque C., and G. Egloff, assignors, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,063,518; Dec. 8.
Morrison, Montford, Montclair, N. J., assignor to Westinghouse X-Ray Company, Inc. X-Ray tube shield. 2,063,329; Dec. 8.
Moseley, Tomlinson I., San Francisco, Calif. Release for hair curlers. 2,063,519; Dec. 8.
Motor Terminals Company. (See Fitch, Benjamin F., assignor.)
Mudd, Garrett W., Chicago, Ill. Machine for feeding can ends. 2,063,183; Dec. 8.
Muller, Henry W., Richmond Hill, N. Y. Plant protective device. 2,063,822; Dec. 8.
Murphy, Jerry, Cleveland, Ohio. Stanchion. 2,063,263; Dec. 8.
Murphy, P. H., Company. (See Gilpin, Garth G., assignor.)
Murray Corporation of America, The. (See Lindell, Bertil T., assignor.)
Murray Corporation of America, The. (See Person, Alfred, assignor.)
Murray Corporation of America, The. (See Widman, Charles H., assignor.)
Myers, Donald H., Cincinnati, Ohio. Time service system. 2,063,184; Dec. 8.
Myers, Eugene V., East Orange, N. J. Vehicle license plate or the like. 2,063,823; Dec. 8.
Myers, Walter, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,063,264; Dec. 8.
N. V. Philips' Gloeilampenfabrieken. (See Six, Willem, assignor.)
N. V. Textima Textielhijverheid en Handel-Maatschappij. (See Singer, Leopold, assignor.)
Nadeau, Gale F. (See Malm, C. J., and Nadeau.)
Nagel, August, Stuttgart-Nord, Germany, assignor, by mesne assignments, to Eastman-Kodak Company, Jersey City, N. J. Photographic roll film camera. 2,063,330; Dec. 8.
Nagel, August, Stuttgart-Nord, Germany, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic roll film camera. 2,063,331; Dec. 8.
National Acme Company, The. (See Probach, Otto, assignor.)
National Cash Register Company, The. (See Christian, R. A., and Ens, assignors.)
National Cash Register Company, The. (See Green, Charles W., assignor.)
National Superior Company, The. (See Hatfield, George A., assignor.)
Naturkacz, Walter, Buffalo, N. Y. Combination chair and high chair. 2,063,046; Dec. 8.
Naumann, Willy, assignor to Anker-Werke Aktiengesellschaft, Bielefeld, Germany. Cash register and the like. 2,063,265; Dec. 8.
Nave, Charles A., Seattle, Wash. Container. 2,063,185; Dec. 8.
Nealand, George E., Newburyport, assignor to The Carter's Ink Company, Cambridge, Mass. Spreader cap for adhesive containers. 2,063,617; Dec. 8.
Neergaard, Charles F., Lake Waccabuc, N. Y. Wall construction. 2,063,115; Dec. 8.
Nemeth & Adam, Inc. (See Nemeth, T., and Adam, assignors.)

Nemeth, Steffen P., Chicago, Ill. Small-aspect-ratio wing. 2,063,456; Dec. 8.
Nemeth, Theresa, and G. Adam, assignors to Nemeth & Adam, Inc., Ronkonkoma, N. Y. Lady's handbag. 2,063,850; Dec. 8.
Nichols Engineering & Research Corporation. (See Schilling, Frederick B., assignor.)
Nichols, George H., Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 2,063,186; Dec. 8.
Niese, Katherine M., Chicago, Ill. Curtain hanger. 2,063,332; Dec. 8.
Niethamer, Paul. (See Kaiser, A., and Niethamer.)
Noble, Warren, Michigan City, Ind., assignor to Sullivan Machinery Company. Valve mechanism. 2,063,047; Dec. 8.
Noble, Warren, Michigan City, Ind., assignor to General Motors Corporation, Detroit, Mich. Hydraulic valve gear. 2,063,881; Dec. 8.
Noble, Warren, Michigan City, Ind., assignor to General Motors Corporation, Detroit, Mich. Hydraulic actuating means. 2,063,882; Dec. 8.
Noblitt-Sparks Industries, Inc. (See Booth, Earl C., assignor.)
Noell, Willi. (See Horwitt, N. G., Katcher, and Noell.)
Nold, John H., Hinsdale, and G. L. Bostwick, Evanston, assignors to United States Gypsum Company, Chicago, Ill. Building construction. 2,063,457; Dec. 8.
Nolte, Bernhard, Westfield, N. J. Power driven turf forking apparatus. 2,063,333; Dec. 8.
Nome, Peter A., Brooklyn, assignor to The Permutit Company, New York, N. Y. Pen for recording meters and the like. 2,063,458; Dec. 8.
Nordhem, Eric N., Chicago, Ill. Vibratory electrical motor. 2,063,116; Dec. 8.
Norman, Nathaniel C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,063,334; Dec. 8
Norris, Edward O., Port Chester, assignor to The Norris Painting Machinery Corporation, Inc., New York, N. Y. Spraying device. 2,063,048; Dec. 8.
Norris Painting Machinery Corporation, The. (See Norris, Edward O., assignor.)
Northwestern Barb Wire Company. (See Bradley, Albert F., assignor.)
Norton Company. (See Flygare, C. G., and Friberg, assignors.)
Norton Company. (See Lane, Merton B., assignor.)
Norton, Samuel H., Meadville, Pa., assignor to Hookless Fastener Company. Slide fastener. 2,063,879; Dec. 8.
Notvest, Robert, assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Control system for frequency converters. 2,063,824; Dec. 8.
Nyquist, Harry, Millburn, N. J., assignor to American Telephone and Telegraph Company. Cable maintenance. 2,063,187; Dec. 8.
Nyström, Carl W., Karlstad, Sweden. Necktie and the manufacture thereof. 2,063,695; Dec. 8.
Obear-Nester Glass Company. (See Stuckey, Samuel G., assignor.)
O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Tablet dispensing box. 2,063,556; Dec. 8.
O'Brien, Thomas B., New York, N. Y. Method and apparatus for the manufacture of mattresses. 2,063,520; Dec. 8.
O'Brien, Thomas B., New York, N. Y. Mattress making mechanism. 2,063,521; Dec. 8.
Ogden, Joseph. (See Strauss, H. E., and Ogden.)
Oilgear Company, The. (See Schindler, Carl, assignor.)
Oliver, Wallace F., assignor to Hydraulic Brake Company, Detroit, Mich. Braking apparatus. 2,063,618; Dec. 8.
Oliey, Maurice, assignor to General Motors Corporation, Detroit, Mich. Spring suspension. 2,063,747; Dec. 8.
Olsen, Edward, assignor to A. H. Cathcart and L. A. Villaume, St. Paul, Minn. Moving and resetting tile walls. 2,063,748; Dec. 8.
Ongaro, Theodore, Columbus, assignor of two-fifths to C. E. Palmer, Bexley, Ohio. Mechanism for transmitting power. 2,063,117; Dec. 8.
Organ, Roy M. (See Marshall, F., and Organ.)
Oster Manufacturing Company, The. (See Glick, Clarence E., assignor.)
Osterstrom, Rudolph C., Kenilworth, assignor to The Pure Oil Company, Chicago, Ill. Polymerization of hydrocarbons. 2,063,522; Dec. 8.
Ottolini, Joseph, assignor to Hiram A. Farrand, Inc., Berlin, N. H. Collable measuring device. 2,063,459; Dec. 8.
Otwell, Ralph B., Detroit, Mich. Automobile heater. 2,063,825; Dec. 8.
Oxley, Walter T., Fergus Falls, Minn. Whistling signal for fluid delivery hose. 2,063,696; Dec. 8.
Packard Motor Car Company. (See Tibbetts, Milton, assignor.)
Page, James M., Jr. (See Diggs, S. H., and Page.)
Palmer, Clarence E. (See Ongaro, Theodore, assignor.)
Pangborn Corporation. (See Rosenberger, William A., assignor.)
Pape, Louis R., Dayton, Ohio, and L. B. Knight, Jr., assignors to H. S. Simpson, Chicago, Ill. Mixer for defairing clay. 2,063,266; Dec. 8.
Pardee, Harvey S. (See Baumgarten, A. W., and Pardee.)
Pardini, Louis, Burlingame, Calif. Automatic head for drum stapling machines. 2,063,460; Dec. 8.
Paris, Hugh P. (See Yett, P. W., assignor.)
Paris, Robert E., New York, N. Y. Tabulating machine. 2,063,118; Dec. 8.
Parker, Frank O., assignor to Acme Steel & Malleable Iron Works, Inc., Buffalo, N. Y. Road joint forming means and constructions making use thereof. 2,063,749; Dec. 8.
Parker, Henry W., Toronto, and N. A. Yorke, Long Branch, assignors to Rogers Radio Tubes, Ltd., Toronto, Ontario, Canada. Thermionic tube. 2,063,188; Dec. 8.
Parks-Cramer Company. (See Hodge, William B., assignor.)
Parks-Cramer Company. (See Linder, Willis W., assignor.)
Parks, James M., Topeka, Kans. Theft alarm. 2,063,189; Dec. 8.
Parrigan, Homer P., Port Arthur, Tex. Gas fuel burner. 2,063,396; Dec. 8.
Parsons, Edward T., Upper Montclair, N. J., assignor to Thomson Machine Comany. Dough working machine. 2,063,750; Dec. 8.
Parsons, John B., Arlington, assignor of sixty percent to G. Stetson, Boston, Mass. Control system. 2,063,049; Dec. 8.
Paschall, Benjamin S., Seattle, Wash. Nebulizer. 2,063,397; Dec. 8.
Patek, John M., Milwaukee, Wis. Froth flotation machine. 2,063,751; Dec. 8.
Patent and Licensing Corporation, The. (See Plunkett, John H., assignor.)
Pearlman, Harry, et al. (See Brody, Solomon, assignor.)
Peerless Ice Machine Company. (See Hoesel, Anthony F., assignor.)
Peller, Karl E., and D. K. Morgan, West Hartford, assignors to Hartford-Empire Company, Hartford, Conn. Mechanism for and method of spraying glass-cutting shears or the like. 2,063,849; Dec. 8.
Pellegrin, Elmer D. (See Wilkinson, G. D., and Pellegrin.)
Pender, Harold, Merion, Pa., assignor to International Resistance Company, Philadelphia, Pa. Resistor. 2,063,826; Dec. 8.
Pennacchini, Francis M. S., East Boston, Mass. Safety razor. 2,063,523; Dec. 8.
Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,063,619; Dec. 8.
Perfection Manufacturing Co., The. (See Graser, Harry, assignor.)
Perkins, B. F., & Son, Inc. (See Lade, Archibald C., assignor.)
Perkons, Heinrich, Libau, Latvia, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rug-making attachment for sewing machines. 2,063,267; Dec. 8.
Permutit Company, The. (See Nome, Peter A., assignor.)
Persiel, Hans, G. Balle, F. Grom, and R. Semmig, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Cellulose ester compositions. 2,063,620; Dec. 8.
Person, Alfred, Detroit, Mich., assignor to The Murray Corporation of America. Vehicle hardware ferrule. 2,063,335; Dec. 8.
Peteler, Adolph, Freeport, N. Y. Thermostat valve structure. 2,063,621; Dec. 8.
Peterson, Burt A., assignor to Barber-Colman Company, Rockford, Ill. Creel. 2,063,752; Dec. 8.
Pfeiffer, Karl, Detroit, Mich. Pressure indicating wrench. 2,063,622; Dec. 8.
Phelps Dodge Copper Products Corporation. (See Staples, Horace A., assignor.)
Philco Radio & Television Corporation. (See Bowman, John M., assignor.)
Pier, Mathias, Heidelberg, and E. Donath, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of lubricating oil. 2,063,623; Dec. 8.
Pierce, John B., Foundation. (See Groeniger, William C., assignor.)
Pikul, Joseph H., Boston, and C. A. O. Grip, Newton, assignors to The Reece Button Hole Machine Company, Boston, Mass. Cutter for buttonhole machines. 2,063,398; Dec. 8.
Pintsch, Julius, Aktiengesellschaft. (See Holm, Waldemar, assignor.)
Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 2,063,827; Dec. 8.
Plant, Irving M., Short Hills, N. J. Cigarette container. 2,063,190; Dec. 8.
Pleines, Henry J., West Haven, assignor to Winchester Repeating Arms Company, New Haven, Conn. Apparatus for producing slugs of extruded material. 2,063,119; Dec. 8.
Ploen, Curtis W., assignor to Viloco Railway Equipment Company, Chicago, Ill. Sander trap. 2,063,050; Dec. 8.
Plunkett, John H., Bronxville, assignor to The Patent and Licensing Corporation, New York, N. Y. Roofing unit and making the same. 2,063,268; Dec. 8.
Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Store front construction. 2,063,120; Dec. 8.
Pohlman, Edward J., Detroit, Mich. Reamer. 2,063,753; Dec. 8.

Porter, John. (See Isaacs, Jasper P., assignor.)
Post, Welles M., Wayne, Pa. Protective system for railways. 2,063,336; Dec. 8.
Poster, Jacob, et al. (See Franklin, Albert W., assignor.)
Power, James T., assignor to Atlas Powder Company, Wilmington, Del. Finishing leathers and product. 2,063,337; Dec. 8.
Prahl, Milton A. (See Weiland, H. J., and Prahl.)
Pray, Horace B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydroxy phenyl morpholines. 2,063,191; Dec. 8.
Price, Robert J., Uniontown, Pa. Ice cream dipper. 2,063,754; Dec. 8.
Priest, Wilmer M. (See Linke, H., and Priest.)
Prima Manufacturing Company. (See Waterworth, Robert J., assignor.)
Pritchard, William T., Belvidere, N. J., and A. R. Saunders, Clifton, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Burnishing tool. 2,063,338; Dec. 8.
Probach, Otto, Leipzig-Mockern, Germany, assignor to The National Acme Company, Cleveland, Ohio. Metalworking machine. 2,063,339; Dec. 8.
Puetzer, Bruno, Albany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Isothiourea-isopropyl-ether. 2,063,461; Dec. 8.
Puget Sound Paper Box Company. (See McGrath, John H., assignor.)
Pulfrich, Hans, Berlin-Baumschulenweg, Germany, assignor to General Electric Company. Inclosed arc device. 2,063,121; Dec. 8.
Pullen, Fred W., assignor to Bissell Carpet Sweeper Co., Grand Rapids, Mich. Carpet sweeper brush drive mechanism. 2,063,192; Dec. 8.
Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 2,063,557; Dec. 8.
Pure Oil Company, The. (See Osterstrom, Rudolph C., assignor.)
Pym, Arthur F., executor. (See Pym, Charles F.)
Pym, Charles F., deceased, late of Beverly, by A. F. Pym, executor, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., Machine for shaping uppers over lasts. 2,063,193; Dec. 8.
Quaker City Iron Works. (See Jensen, James A., assignor.)
Quality Weaving Company. (See Scott, Jack V., assignor.)
Quincy Stove Manufacturing Company, The. (See Lange, Henry, assignor.)
Raab, Louis, and H. Karcher, Milwaukee, Wis. Umbrella. 2,063,624; Dec. 8.
Radio Corporation of America. (See Barton, Loy E., assignor.)
Radio Corporation of America. (See Braden, Rene A., assignor.)
Radio Corporation of America. (See Brady, Raymond F., assignor.)
Radio Corporation of America. (See Crosby, Murray G., assignor.)
Radio Corporation of America. (See Evans, John, assignor.)
Radio Corporation of America. (See Farrow, Frederick R., Jr., assignor.)
Radio Corporation of America. (See Guedon, E. C., Burt and Shoup, assignors.)
Radio Corporation of America. (See Hansell, Clarence W., assignor.)
Radio Corporation of America. (See Linsell, Alfred A., assignor.)
Radio Corporation of America. (See Rust, Noël M., assignor.)
Radio Corporation of America. (See Turner, Alfred H., assignor.)
Railway Utility Company. (See Willer, Nicholas L., assignor.)
Randolph, Cary H., St. Louis, Mo. Elementary music notation device. 2,063,269; Dec. 8.
Ranseen, Mauritz C. (See Lunoe, J., and Ranseen.)
Rasmussen, Floyd H., Waterbury, Conn. Waste and overflow for bathtubs and basins. 2,063,399; Dec. 8.
Ravier, Sylvain L., Paris, France. Retaining wall. 2,063,558; Dec. 8.
Ray, Charles T., assignor to B. F. Avery & Sons Company, Louisville, Ky. Tillage implement. 2,063,851; Dec. 8.
Ray, Charles T., assignor to B. F. Avery & Sons Company, Louisville, Ky. Tillage implement. 2,063,851; Dec. 8.
Ray, Charles T., assignor to B. F. Avery & Sons Company, Louisville, Ky. Tillage implement. 2,063,852; Dec. 8.
Reagle, Eustace E. (See Hughes, J. M., Carter, and Reagle.)
Reconstruction Finance Corporation. (See Taylor, William H., assignor.)
Reece Button Hole Machine Company, The. (See Pikul, J. H., and Grip, assignors.)
Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Spinning frame drive control. 2,063,462; Dec. 8.
Reeves Pulley Company. (See Reeves, Paul B., assignor.)
Rein, Hanns. (See von Weinberg, A., Rein, and Eisenhut.)
Reinhardt, Joseph A., Peru, Ill., assignor to General Time Instruments Corporation, New York, N. Y. Alarm clock. 2,063,884; Dec. 8.
Remington Typewriter Company. (See Hart, Frederick, assignor.)
Resinous Products & Chemical Co. Inc., The. (See Bruson, Herman A., assignor.)
Resinous Products & Chemical Company, The. (See Bruson, H. A., and Stein, assignors.)
Resinox Corporation. (See Gabriel, Charles L., assignor.)
Reyrolle, A., & Company Limited. (See Leben, Henry, assignor.)
Ricards, Charles L. (See Jordhoy, H. C., and Ricards.)
Rice, Walter A., Yonkers, and F. G. Shinn, Bronxville, N. Y. Knotted tuft fabric and weaving same. 2,063,853; Dec. 8.
Richards, Idris J., Pittsburgh, Pa. Agricultural apparatus. 2,063,828; Dec. 8.
Richardson, Stanley H., Detroit, Mich. Attachment for hydraulically operated dental chairs and the like. 2,063,122; Dec. 8.
Ricandi, Joseph R., Westerleigh, New York. Arch supporter. 2,063,625; Dec. 8.
Riley, George W. (See Coles, W. V., and Riley.)
Riley, Homer W., assignor to The McNally-Pittsburg Mfg. Corp., Pittsburg, Kans. Crusher. 2,063,829; Dec. 8.
Risinger, Frank V., Lakewood, Ohio. Fuel burner. 2,063,697; Dec. 8.
Robb, John F., Cleveland Heights, Ohio, assignor to Koehring Company, Milwaukee, Wis. Making roads. 2,063,400; Dec. 8.
Roberts, Robert P., W. H. Kimpton, and R. M. Dingley, Spondon, near Derby, England, assignors to Celanese Corporation of America. Apparatus for making cored threads and the like. 2,063,755; Dec. 8.
Robins, Washington L., Cynwyd, assignor of one-fourth to G. J. Graham, Philadelphia, Pa. Self-securing and propelling anchor. 2,063,052; Dec. 8.
Roche, Daniel H., Kansas City, Mo. Respirator. 2,063,053; Dec. 8.
Roe, Harry A., Gardner, assignor to Sauerman Bros., Inc., Chicago, Ill. Scraper bucket apparatus. 2,063,698; Dec. 8.
Roehm, Erwin G. (See Romaine, M., and Roehm.)
Rogers, David M., et al. (See Eler, Robert P., assignor.)
Rogers, Matt E., Arroyo Grande, Calif. Cuspidor. 2,063,559; Dec. 8.
Rogers Radio Tubes, Ltd. (See Parker, H. W., and Yorke, assignors.)
Romaine, Millard, Cincinnati, and E. G. Roehm, Norwood, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Broaching machine. 2,063,756; Dec. 8.
Rose, Louis, Erie, Pa. Shoe cleaning device. 2,063,123; Dec. 8.
Rosenberger, William A., assignor to Pangborn Corporation, Hagerstown, Md. Room front construction for sand blasting apparatus. 2,063,054; Dec. 8.
Rosenblum, Israel, Jackson Heights, N. Y. Polybasic aliphatic acid-polyhydric alcohol resin. 2,063,854; Dec. 8.
Rosenblum, Israel, Jackson Heights, N. Y. Polybasic aliphatic acid-polyhydric alcohol resin. 2,063,855; Dec. 8.
Rosenblum, Israel, Jackson Heights, N. Y. Succinic acid resin. 2,063,856; Dec. 8.
Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machines Co. Machine for closing wirebound boxes. 2,063,124; Dec. 8.
Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machines Co. Box ending tool. 2,063,626; Dec. 8.
Rossman, Allen M., Wilmette, assignor to Rossman Engineering Company, Chicago, Ill. Operating furnaces for melting and refining metals and the like. 2,063,401; Dec. 8.
Rossman, Allen M., Wilmette, assignor to Rossman Engineering Company, Chicago, Ill. Open hearth furnace and the like. 2,063,402; Dec. 8.
Rossman Engineering Company. (See Rossman, Allen M., assignor.)
Rouse, John H., Los Angeles, Calif. Telephone call system. 2,063,830; Dec. 8.
Rowe, George E., Wethersfield, assignor to Hartford-Empire Company, Hartford, Conn. Making glassware. 2,063,463; Dec. 8.
Roy, Paul M.-F. M., Paris, France. Rotary pump and compressor. 2,063,194; Dec. 8.
Ruben, Samuel, New Rochelle, N. Y. Continuous torque impulse motor. 2,063,340; Dec. 8.
Ruben, Samuel, New Rochelle, N. Y. Electrical amplifier circuit. 2,063,524; Dec. 8.
Ruf, Frank G., New York, N. Y. Combined wagon and sled. 2,063,627; Dec. 8.
Rupple, Harry W., Shaker Heights, assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio. Metal working machine. 2,063,831; Dec. 8.
Russell, Harold D. (See Crabtree, J. I., and Russell.)
Rust, Noël M., Chelmsford, England, assignor to Radio Corporation of America. Modulation system. 2,063,125; Dec. 8.
Rutledge, Helen R., Rockford, Ill. Treating fruits. 2,063,628; Dec. 8.
S. H. G. Incorporated. (See Hermsdorf, W. H., and Aroner, assignors.)
St. Joseph Iron Works. (See Schmidtke, Albert H., assignor.)
Salzberg, Paul L., and J. H. Werntz, Marshallton, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of the thio acids of phosphorus. 2,063,629; Dec. 8.

Samuel, Arthur L., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,063,341; Dec. 8.

Samuel, Arthur L., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,063,342; Dec. 8.

Sangamo Electric Company. (See Hamill, Ret O., assignor.)

Sauerman Bros., Inc. (See Roe, Harry A., assignor.)

Saunders, Arthur R. (See Pritchard, W. T., and Saunders.)

Saunders, Laurence P. (See Hardiman, F. M., and Saunders.)

Saunders, Laurence P., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Radiator core. 2,063,757; Dec. 8.

Schellenger, Newton C., and M. B. Arisman, assignors to Chicago, Telephone Supply Co., Elkhart, Ind. Control device. 2,063,343; Dec. 8.

Schellin, John C., assignor to Akron Brass Manufacturing Company, Incorporated, Wooster, Ohio. Valve construction. 2,063,699; Dec. 8.

Schelly, Cyril G., Webster Groves, Mo. Recording chart device. 2,063,126; Dec. 8.

Schickel, William P., New York, N. Y. Receptacle. 2,063,525; Dec. 8.

Schilling, Frederick B., Bayside, assignor to Nichols Engineering & Research Corporation, New York, N. Y. Drying and incinerating of sewage, garbage, etc. 2,063,630; Dec. 8.

Schinck, John A., Meadow Grove, Nebr. Material loading mechanism. 2,063,403; Dec. 8.

Schindler, Carl, Wauwatosa, assignor to The Oilgear Company, Milwaukee, Wis. Piston assembly. 2,063,464; Dec. 8.

Schjolin, Eric O., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Laminated rubber mounting. 2,063,758; Dec. 8.

Schlesinger, Kurt, Berlin, Germany. Photoamplifier arrangement. 2,063,195; Dec. 8.

Schlesinger, Kurt, Berlin, Germany. Transmission and modulating arrangement. 2,063,196; Dec. 8.

Schmidt, Maximilian P., Wiesbaden-Beibrich, and R. Zahn, Wiesbaden, assignors to Kalle & Co., Aktiengesellschaft, Wiesbaden-Beibrich, Germany. Diazo compounds and preparing them. 2,063,631; Dec. 8.

Schmidtke, Albert H., assignor to St. Joseph Iron Works, St. Joseph, Mich. Basket cover and similar structure. 2,063,759; Dec. 8.

Schnaitter, Edgar J., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Vibration indicator. 2,063,127; Dec. 8.

Schneider, Frank H., Louisville, Ky. Lavatory drain valve. 2,063,632; Dec. 8.

Schneider, William H., Pittsburgh, Pa. Chuck. 2,063,344; Dec. 8.

Schneidewind, Richard, Ann Arbor, Mich., assignor of one-tenth to the Government of the United States of America, represented by the Secrtary of the Navy. Chromium plating. 2,063,197; Dec. 8.

Schoenfeld, Frank H., Cleveland Heights, Ohio. Thermostat valve mechanism. 2,063,465; Dec. 8.

Scholtze, Herman J. (See Hansen, H. F., and Scholtze.)

Scholz, Carl, Charleston, W. Va. Coal mining. 2,063,761; Dec. 8.

Scholz, Harvey A., Milwaukee, Wis. Stitch-down shoe. 2,063,633; Dec. 8.

Schubert, Georg. (See Möller, R., and Schubert.)

Schuleln, Joseph, Rockford, Ill. Bath for and electrodeposition of metal. 2,063,760; Dec. 8.

Schultz, Edward H., Milwaukee, Wis. Endless track structure. 2,063,762; Dec. 8.

Schultz, William O., South Milwaukee, and A. G. Steinmayer, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Repeating fuse construction. 2,063,466; Dec. 8.

Schundler, F. E., & Company, et al. (See Jones, Otis L., assignor.)

Scott, George, & Son London Limited, et al. (See Coles, W. V., and Riley, assignors.)

Scott, Henry T., assignor to The American Paper Bottle Company, Toledo, Ohio. Stapling apparatus. 2,063,345; Dec. 8.

Scott, Jack V., Abington, assignor to Quality Weaving Company, Philadelphia, Pa. Garment label. 2,063,271; Dec. 8.

Scott, Thomas R., and J. K. Webb, Aldwych, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Manufacture of electric cables. 2,063,346; Dec. 8.

Scott, Walter H. (See Warnick, P. M., and Scott.)

Seaman, Gilbert M., Catskill, N. Y. Underfeed stoker. 2,063,347; Dec. 8.

Searle, Dudley F., Oakland, Calif. Air brake control valve. 2,063,700; Dec. 8.

Seibel, Fritz, Essen, Germany, assignor to Kleinelsennnd Schranbenfabrik Steele Gesellschaft mit beschrankter Haftung. Chaplet or stud for use in foundry work. 2,063,198; Dec. 8.

Seidenwerk Spinnbutte Aktiengesellschaft. (See Wilke, Wilhelm, assignor.)

Self-Locking Carton Co. (See Burger, Martin, assignor.)

Sellars, William H. (See Winkley, Erastus E., assignor.)

Selman, John L., El Paso, Tex. Combination feed sizer and cutter. 2,063,404; Dec. 8.

Semmig, Rudolf. (See Persiel, H., Balle, Grom, and Semmig.)

Servel, Inc. (See Bergholm, Harry K., assignor.)

Servel, Inc. (See Thomas, Albert R., assignor.)

Severson, Ole, Shelton, Conn., assignor to The Apex Tool & Cutter Company, Inc. Bit and tool holder. 2,063,128; Dec. 8.

Severson, Ole, Shelton, Conn., assignor to The Apex Tool & Company, Inc. Drawbolt tool holder and bit. 2,063,129; Dec. 8.

Seyfert, Stanley S., Bethlehem, Pa., assignor to Lehigh University. Converting alternating and direct currents one into the other. 2,063,701; Dec. 8.

Seyferth, Carl G., assignor to West Michigan Steel Foundry Co., Muskegon, Mich. Fifth wheel construction. 2,063,405; Dec. 8.

Seymour, Merrill W., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Making a colored photographic image. 2,063,348; Dec. 8.

Shapera, Solomon, Mamaroneck, N. Y. Automobile bumper. 2,063,763; Dec. 8.

Sharon Steel Corporation. (See Hughes, J. M., Carter, and Reagle, assignors.)

Sharp, L. Alan, Bellevue, Pa., assignor to Wm. L. Grimes, Winston-Salem, N. C. Supervisory apparatus. 2,063,349; Dec. 8.

Shaver, Burr H. (See Johnson, Lynn E., and J. K., and Shaver.)

Shaw, Cecil, Grangemouth, Scotland, assignor to Imperial Chemical Industries Limited. Dianthraquinonyl dicarboxylic acids and preparing the same. 2,063,634; Dec. 8.

Shaw, William R., Providence, R. I. Windshield wiper. 2,063,055; Dec. 8.

Shawmont Corporation. (See Lamont, Robert P., assignor.)

Sheehan, William M., Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Car structure. 2,063,056; Dec. 8.

Sheehan, William M., Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Car. 2,063,057; Dec. 8.

Sheehan, William M., Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Vehicle end construction. 2,063,058; Dec. 8.

Sheehan, William M., Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Mine car. 2,063,059; Dec. 8.

Sheetz, Robert Le R., Independence, Mo., assignor to Master Appliances, Incorporated. Lifting bracket for automobile jacks. 2,063,060; Dec. 8.

Shelmar Products Company. (See McCain, Wes W., assignor.)

Shinn, Frank G. (See Rice, W. A., and Shinn.)

Shippy, Leo C., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Core washing machine. 2,063,702; Dec. 8.

Shoemaker, Charles S., Jeannette, assignor to American Window Glass Company, Pittsburgh, Pa. Manufacture of laminated glass. 2,063,350; Dec. 8.

Shore, Edward. (See Zisserman, L., and Shore.)

Shoup, Frederic. (See Guedon, E. C., Burt, and Shoup.)

Shreve, William F., Milwaukee, Wis. Air humidifier for carburetors. 2,063,130; Dec. 8.

Siddall, Joseph, Kearny, and W. H. Siddall, Berkeley Heights, N. J. Fire and temperature alarm system. 2,063,703; Dec. 8.

Siddall, William H. (See Siddall, Joseph, and W. H.)

Siefert, Fritz, and H. Kaemmerer, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Rotproof materials from cellulose fibers. 2,063,272; Dec. 8.

Siemens-Schuckertwerke Aktiengesellschaft (See Killinel, Carl, assignor.)

Sims, Herman B., assignor to Swift & Company Fertilizer Works, Chicago, Ill. Fertilizer distributor. 2,063,131; Dec. 8.

Sigel, Carl A., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Hood latch. 2,063,635; Dec. 8.

Simpson, Herbert S. (See Pape, L. R., and Knight, assignors.)

Singer, Leopold, Berlin, Germany, assignor to N. V. Textima Textielnijverheid en Handel-Maatschappij, Amsterdam, Netherlands. Supporting and advertising or display device for persons standing in public vehicles. 2,063,273; Dec. 8.

Singer Manufacturing Company, The. (See Ackerman, James E., assignor.)

Singer Manufacturing Company, The. (See Goosman, Herbert J., assignor.)

Singer Manufacturing Company, The. (See Karle, John D., assignor.)

Singer Manufacturing Company, The. (See Myers, Walter, assignor.)

Singer Manufacturing Company, The. (See Perkons, Heinrich, assignor.)

Singer Manufacturing Company, The. (See Waterman, Max L., assignor.)

Sirian Lamp Company. (See Braselton, Chester H., assignor.)

Sites, Benjamin L. (See Stevens, B. D., and Sites.)

Six, Willem, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Mechanical recording of oscillations. 2,063,560; Dec. 8.

Skinner, Robert A. (See Bast, F. J., and Skinner.)

Slack, Frederic W., assignor to General Motors Corporation, Detroit, Mich. Automobile suspension system. 2,063,704; Dec. 8.

Slater, Gilbert, Attercliffe, Sheffield, assignor to The Garrard Engineering and Manufacturing Company Limited, Swindon, Wiltshire, England. Automatic gramophone and the like. 2,063,199; Dec. 8.

Slinger, Robert N. (See Bany, H., and Slinger.)

Sloan, Irene M., Kansas City, Mo. Gripping device. 2,063,406; Dec. 8.

Smith, Christopher I., New York, assignor to Marks Products Co. Inc., Brooklyn, N. Y. Toggle switch. 2,063,200; Dec. 8.

Smith, Harry B. (See Fenton, K. E., and Smith.)

Smith, Harry G., Jr. (See Dunham, Le R. S., and Smith.)

Smith, Herbert M., Dedham, assignor to Thomson Electric Welding Company, Lynn, Mass. Electric heating device. 2,063,407; Dec. 8.

Smith, Howard O., Des Moines, Iowa. Shooting jacket. 2,063,469; Dec. 8.

Smith, Ralph E., assignor to The Galion Metallic Vault Company, Galion, Ohio. Split drive-single control. 2,063,408; Dec. 8.

Smith, Roy W., Newark, Ohio. Utilizing waste carbon dioxide gas. 2,063,201; Dec. 8.

Smith, Wesley L., Cranford, assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Combination flight instrument. 2,063,764; Dec. 8.

Smola, Emil, Newport News, Va. Automatic steering of ships. 2,063,765; Dec. 8.

Smulski, Theodore J., assignor to The Anderson Company, Gary, Ind. Electrothermostatic apparatus. 2,063,705; Dec. 8.

Snell, Foster D., Inc. (See Haeseler, Kurt W., assignor.)

Snowdon, William F., Brooklyn, N. Y. Door check. 2,063,526; Dec. 8.

Snyder, Thomas A. (See Fuller, F. A., and Snyder.)

Snyder, William E. (See Vogt, C. W., and Snyder.)

Société Anonyme des Anciens Etablissements Braunstein Frères. (See Braunstein, Roger, assignor.)

Soderberg, Carl R., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Manufacturing blades. 2,063,706; Dec. 8.

Soderberg, Carl R., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Manufacturing turbine nozzles. 2,063,707; Dec. 8.

Sofo, Arturo, New York, N. Y., assignor to H. B. Child, Medfield, Mass. Reproducing figure. 2,063,561; Dec. 8.

Solowinski, Joseph, Jr., New Windsor, N. Y. Radio and improved back therefor. 2,063,527; Dec. 8.

Southgate, George T., Forest Hills, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Welding and cutting apparatus. 2,063,467; Dec. 8.

Sparklin, Charles H., assignor to Birtman Electric Company, Chicago, Ill. Suction cleaner. 2,063,061; Dec. 8.

Sparklin, Charles H., assignor to Birtman Electric Company, Chicago, Ill. Suction cleaner. 2,063,062; Dec. 8.

Sparks Processes, Incorporated. (See Sparks, Stanley W., assignor.)

Sparks, Stanley W., assignor to Sparks Processes, Incorporated, Norwalk, Conn. Making valve bodies. 2,063,528; Dec. 8.

Sparks, Stanley W., assignor to Sparks Processes, Incorporated, Norwalk, Conn. Manufacture of extruded metal shapes by hot hydraulic extrusion. 2,063,562; Dec. 8.

Sparks, Stanley W., assignor to Sparks Processes, Incorporated, Norwalk, Conn. Manufacture of extruded metal shapes by hot hydraulic extrusion. 2,063,563; Dec. 8.

Spearin, Chester R., Bellingham, Wash. Saw handle. 2,063,766; Dec. 8.

Spence, Peter, & Sons Limited, et al. (See Coles, W. V., and Riley, assignors.)

Spencer, Grover C., Fort Myers, Fla. Trousers display fixture. 2,063,767; Dec. 8.

Spicer, Charles R., Hastings, Nebr. Uterine vent. 2,063,202; Dec. 8.

Spillman, Albert, North Tonawanda, N. Y. Amusement device. 2,063,468; Dec. 8.

Stackpole Carbon Company, The. (See Williams, Hiram A., assignor.)

Staffel, Gerald, San Antonio, Tex. Insect trap. 2,063,768; Dec. 8.

Stameta, William K. (See Hibbard, Robert L., assignor.)

Standard Oil Company. (See Adams, Elmer W., assignor.)

Standard Oil Company. (See Diggs, S. H., and Page, assignors.)

Standard Oil Company. (See Fitzsimons, O., and Croxton, assignors.)

Standard Oil Company. (See Malick, Boyd C., assignor.)

Standard Oil Company. (See Stauffer, John C., assignor.)

Standard Oil Company (Ohio), The. (See Burk, Robert E., assignor.)

Standard Oil Company, The. (See Burk, Robert E., assignor.)

Standard-Trump Bros. Machine Company. (See Bristow, Paul W., assignor.)

Stanley, George E., Coventry, England. Presser-plate for clutches. 2,063,203; Dec. 8.

Staples, Horace A., Plainfield, N. J., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Making copper sheathed steel core cables. 2,063,470; Dec. 8.

Stapling Machines Co. (See Rosenmund, Alfred L., assignor.)

Staud, Cyril J., and R. M. Briggs, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Hardening photographic gelatin emulsions and gelatin solutions. 2,063,351; Dec. 8.

Stauffer, John C., assignor to Standard Oil Company, Chicago, Ill. Separation of nitrogen bases. 2,063,564; Dec. 8.

Stauss, Henry E., East Orange, and J. Ogden, Kearny, assignors to Baker & Co., Inc., Newark, N. J. Electric furnace. 2,063,274; Dec. 8.

Steckley, Joseph F. (See Steckley, William and J. F.)

Steckley, William and J. F., Geddes, S. Dak. Tractor guide. 2,063,204; Dec. 8.

Stedefeld, Curt, et al. (See Barske, Ulrich, assignor.)

Stedefeld, Curt, Hannover, Germany. Multistage hydraulic coupling. 2,063,471; Dec. 8.

Steger, Elmer F. (See Zimmerman, A. C., and Steger.)

Stein, Leonhard. (See Bockmühl, M., and Stein.)

Stein, Otto. (See Bruson, H. A., and Stein.)

Steiner, Waldo L., Ponca City, Okla., assignor, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating oil. 2,063,857; Dec. 8.

Steinmayer, Alwin G. (See Schultz, W. O., and Steinmayer.)

Stetson, Graydon. (See Parsons, John B., assignor.)

Stevens, Burt D., Evanston, and B. L. Sites, assignors to The Miehle Printing Press & Manufacturing Company, Chicago, Ill. Dampening printing plates. 2,063,636; Dec. 8.

Stewart, Charles E., Verdun, assignor to Juno Corporation, Ltd., Montreal, Quebec, Canada. Lubricator. 2,063,352; Dec. 8.

Stiles, Hugh R. (See Legg, D. A., and Stiles.)

Stires, William H., assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J. Dredge bucket. 2,063,858; Dec. 8.

Stires, William H., assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J. Dredge bucket. 2,063,859; Dec. 8.

Stössel, Max, Zurich, Switzerland. Mechanical pencil. 2,063,637; Dec. 8.

Stuckey, Samuel G., assignor to Obear-Nester Glass Company, St. Louis, Mo. Glass feeder for suction molds. 2,063,565; Dec. 8.

Sturtevant, B. F., Company. (See Leonard, Merton S., assignor.)

Sueltlow, Alfred G., and C. C. Wolford, assignors to Felins Tying Machine Co., Milwaukee, Wis. Cultivator. 2,063,769; Dec. 8.

Sullivan Machinery Company. (See Noble, Warren, assignor.)

Sund, Alfred D., Santa Rosa, Calif. Dust mop bumper. 2,063,132; Dec. 8.

Sutfin, Fred R., and C. Caillieu, Detroit, Mich. Pipe cleaning device. 2,063,205; Dec. 8.

Swennes, Benjamin A. (See Trott, R. S., Swennes, and Miller.)

Swift & Company Fertilizer Works. (See Sims, Herman B., assignor.)

Swilens, Charles, Chicago, Ill. Lock. 2,063,708; Dec. 8.

Sykes, William E. (See Try, Walter H., assignor.)

Symington-Gould Corporation, The. (See Kadel, Byers W., assignor.)

Szalay, Franz, Budapest, Hungary. Collector for electric current. 2,063,206; Dec. 8.

Taber, Ralph F., North Tonawanda, N. Y. Apparatus for measuring stiffness of flexible materials. 2,063,275; Dec. 8.

Tagliabue, Charles J., Mfg. Co. (See Bast, F. J., and Skinner, assignors.)

Tagliabue, Charles J., Mfg. Co. (See Fairchild, C. O., and Henderson, assignors.)

Tainton, Urlyn C., and F. W. Harris, Baltimore, Md., said Harris assignor to said Tainton. Cleaning ferrous articles. 2,063,529; Dec. 8.

Tappan, Chester, assignor to General Talking Pictures Corporation, New York, N. Y. Sound-on-film apparatus. 2,063,566; Dec. 8.

Taylor, Arnold N., assignor to C. M. Hall Lamp Company, Detroit, Mich. Fluted headlight lens. 2,063,207; Dec. 8.

Taylor, John L., Milwaukee, Wis. Atomizer. 2,063,709; Dec. 8.

Taylor, Marvin M. (See Lavigne, Michael A. S., assignor.)

Taylor-Wharton Iron & Steel Company. (See Stires, William H., assignor.)

Taylor, William H., Muskego, Wis., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Ice making machine. 2,063,770; Dec. 8.

Taylor, William H., Muskego, Wis., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Ice machine. 2,063,771; Dec. 8.

Tear, Harry R., Evanston, Ill., assignor to The Lubrication Corporation, South Bend, Ind. Lubricating device. 2,063,409; Dec. 8.

Tear, Harry R., Evanston, Ill., assignor to The Lubrication Corporation. Lubricating device. 2,063,410; Dec. 8.

Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,063,411; Dec. 8.

Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,063,412; Dec. 8.

Technicolor, Inc. (See Ames, Malcolm H., assignor.)

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gürtler, Rudolf, assignor.)

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gutmann, Herbert, assignor.)

Temple, Leonard B. (See Jacob, J. A. W., and Temple.)

Thelander, Wilbur V. (See Trott, R. S., and Thelander.)

Tholl, John F., Needham, assignor to American Tool & Machine Co., Hyde Park, Boston, Mass. Centrifugal separator. 2,063,472; Dec. 8.

Thomas, Albert R., New York, N. Y., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Absorption type refrigerating system. 2,063,276; Dec. 8.

Thomas, Albert R., Evansville, Ind., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,063,353; Dec. 8.

Thomas, Charles A., and C. A. Hochwalt, assignors to The Fyr-Fyter Company, Dayton, Ohio. Fire extinguisher. 2,063,772; Dec. 8.

Thomas, Edward L. (See Goetting, Clyde E., assignor.)

Thomas, John. (See Fairweather, D. A. W., and Thomas.)

Thomas, Olive M. et al, executors. (See Fairweather, D. A. W., and Thomas.)

Thompson, Russell G., assignor to Electromatic Typewriters, Inc., Rochester, N. Y. Typewriting machine. 2,063,530; Dec. 8.

Thomson Electric Welding Company. (See Smith, Herbert M., assignor.)

Thomson Machine Company. (See Parsons, Edward T., assignor.)

Thorp, Kermit O., River Edge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective calling circuits. 2,063,354; Dec. 8.

Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,063,567; Dec. 8.

Tietig, Chester, Kenton Hills, Ky. Lubricating composition. 2,063,473; Dec. 8.

Timken Roller Bearing Company, The. (See Cox, William P., assignor.)

Titanium Alloy Manufacturing Company, The. (See Kinzie, Charles J., assignor.)

Torrington Company, The. (See Brown, Edmund K., assignor.)

Traeder, Alfred G., Chicago, Ill. Autographic register. 2,063,710; Dec. 8.

Transitone Automobile Radio Company. (See Leonard, Anthon A., assignor.)

Tropsch, Hans, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon gases. 2,063,133; Dec. 8.

Trott, Rolland S., Denver, Colo., and W. V. Thelander, Rockford, Ill., said Thelander assignor to said Trott. Clamped axis-locating engine unit mounting. 2,063,640; Dec. 8.

Trott, Rolland S., Denver, Colo., and W. V. Thelander, said Thelander assignor to said Trott. Eyed axis-locating engine unit mounting. 2,063,064; Dec. 8.

Trott, Rolland S., Denver, Colo., B. A. Swennes, and K. Miller, Rockford, Ill., said Swennes and said Miller assignors to said Trott. Eyed C-spring power plant mounting. 2,063,063; Dec. 8.

Trott, Rolland S., Denver, Colo., and B. A. Swennes and K. Miller, Rockford, Ill., said Swennes and said Miller assignors to said Trott. Torque spring power plant mounting. 2,063,638; Dec. 8.

Trott, Rolland S., Denver, Colo., B. A. Swennes and K. Miller, Rockford, Ill., said Swennes and said Miller assignors to said Trott. Clamped C-spring power plant mounting. 2,063,639; Dec. 8.

Try, Walter H., Staines, Middlesex, England, assignor to W. E. Sykes, Buffalo, N. Y. Apparatus for testing the accuracy of toothed gears. 2,063,474; Dec. 8.

Turnbull, Frederick M. (See Edwards, Hiram W.)

Turner, Alfred H., Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio frequency control system. 2,063,413; Dec. 8.

Turner, Edward T., Dayton, Ohio. Method and apparatus for conditioning air. 2,063,711; Dec. 8.

Tuttle, Record D., Smyrna, assignor of one-half to H. Bryan, Sherburne, N. Y. Automobile antenna. 2,063,531; Dec. 8.

Tweddell, Oscar G., Detroit, assignor of one-third to V. R. Heftler, Grosse Pointe Park, Mich. Hydraulic feed for machine tools. 2,063,414; Dec. 8.

Tweedale, Ralph L., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,063,208; Dec. 8.

Udey, Lois. (See Greene, M., and Udey.)

Ubler, Frank G., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Casein dispersions. 2,063,134; Dec. 8.

Underwood, Arthur F., assignor to General Motors Corporation, Detroit, Mich. Lubrication of crankshafts. 2,063,885; Dec. 8.

Union Carbide and Carbon Corporation. (See Eversole, James F., assignor.)

Union Carbide and Carbon Corporation. (See Miller, Wilber B., assignor.)

Union Carbide and Carbon Corporation. (See Southgate, George T., assignor.)

Union City Body Company. (See Bromagem, Irl R., assignor.)

Union Switch & Signal Company, The. (See Crago, Paul H., assignor.)

Union Switch & Signal Company, The. (See Dodd, Arthur E., assignor.)

Union Switch & Signal Company, The. (See Lazich, B., and Ashworth, assignors.)

Union Switch & Signal Company, The. (See Young, Henry S., assignor.)

United Glass Bottle Manufacturers Limited, The. (See Moorshead, Thomas C., assignor.)

United Shoe Machinery Corporation. (See Brown, John H., assignor.)

United Shoe Machinery Corporation. (See Kamborian, Jacob S., assignor.)

United Shoe Machinery Corporation. (See Knowles, Lloyd G., assignor.)

United Shoe Machinery Corporation. (See Lancaster, John T., assignor.)

United Shoe Machinery Corporation. (See Lisbon, Joseph C., Sr., assignor.)

United Shoe Machinery Corporation. (See Mertinz, Franz, assignor.)

United Shoe Machinery Corporation. (See Nichols, George H., assignor.)

United Shoe Machinery Corporation. (See Pym, Charles F., assignor.

United States Gypsum Company. (See Balduf, Bruno E., assignor.)

United States Gypsum Company. (See Nold, J. H., and Bostwick, assignors.)

United States Rubber Products, Inc. (See Bardach, L. H., and Curtiss, assignors.)

Universal Oil Products Company. (See Alther, Joseph G., assignor.)

Universal Oil Products Company. (See Day, Roland B., assignor.)

Universal Oil Products Company. (See Egloff, G. and Morrell, assignors.)

Universal Oil Products Company. (See Huff, Lyman C., assignor.)

Universal Oil Products Company. (See Morrell, Jacque C., assignor.)

Universal Oil Products Company. (See Morrell, J. C., and Egloff, assignors.)

Universal Oil Products Company. (See Tropsch, Hans, assignor.)

Van Billiard, Lewis H., Bridgeport, Conn., assignor to General Electric Company. Antenna. 2,063,641; Dec. 8.

Vanden Berg, Peter H., Ontario, Calif., assignor to Edison General Electric Appliance Company, Incorporated, Chicago, Ill. Electric heating unit. 2,063,642; Dec. 8.

Vecsei, Nick. (See Vertes, Peter, assignor.)

Vereinigte Stahlwerke Aktiengesellschaft. (See Becker, Enno, assignor.)

Vertes, Peter, assignor of one-half to N. Vecsei, North Tarrytown, N. Y. Pliers. 2,063,532; Dec. 8.

Villaume, Louis A., et al. (See Olsen, Edward, assignor.)

Viloco Railway Equipment Company. (See Ploen, Curtis W., assignor.)

Vissac, Gustave A., Blairmore, Alberta, Canada. Air cleaner and classifier for fine coals. 2,063,533; Dec. 8.

Vogt, Clarence W., and W. E. Snyder, assignors, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Apparatus for processing material. 2,063,065; Dec. 8.

Vogt, Clarence W., assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Method and apparatus for processing material. 2,063,066; Dec. 8.

Vollmann, Heinrich, Frankfort-on-the-Main-Hochst, and H. Becker, Hofheim (Taunus), Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the pyrene series and preparing them. 2,063,568; Dec. 8.

Von Mihály, Dénes, Berlin-Wilmersdorf, Germany. Slit forming device for recording or reproducing photographic sound records. 2,063,277; Dec. 8.

Von Okolicsanyi, Franz, Nuremberg, Germany. Television receiver. 2,063,643; Dec. 8.

Von Pein, Edward J., Endicott, N. Y., assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Scale. 2,063,712; Dec. 8.

Von Wedel, Carl J. R. H., West Orange, N. J. Transmitting system. 2,063,278; Dec. 8.

Von Weinberg, Arthur, Frankfort-on-the-Main, H. Rein, Bad Hamburg vor der Hohe, and O. Eisenhut, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Making wool-like artificial fibers. 2,063,209; Dec. 8.

Voorheis, Joseph T., Los Angeles, Calif. Nonclog atomized oil burner. 2,063,713; Dec. 8.

Wagner, Karl F., Stuttgart, Germany, assignor, by mesne assignments, to Magnesium Development Corporation, Newark, N. J. Control mechanism for presses. 2,063,644; Dec. 8.

Walt, Justin F., New York, N. Y. Film treatment of oil. 2,063,860; Dec. 8.

Walt, Justin F., New York, N. Y. Refining petroleum oil. 2,063,861; Dec. 8.

Walt, Justin F., New York, N. Y. Refining petroleum oil. 2,063,862; Dec. 8.

Walker, Hervey S., Ardmore, Pa. Underfloor duct box. 2,063,569; Dec. 8.

Wallace, David A. (See Wallace, Eugene, assignor.)

Wallace, Eugene, assignor to D. A. Wallace, Detroit, Mich. Channel support for bricks. 2,063,135; Dec. 8.

Wallace, Marcel, Staten Island, assignor of one-third to E. L. Corbett, New York, N. Y. Automatic piloting system. 2,063,534; Dec. 8.

Waller, John A., Beverly Hills, Calif. Lawn mower. 2,063,067; Dec. 8.

Waller, John A., Beverly Hills, Calif. Lawn mower. 2,063,068; Dec. 8.

Wallgren, August G. F., assignor to Aktiebolaget Nomy, Stockholm, Sweden. Bearing. 2,063,570; Dec. 8.

Wallin, Gustaf A. (See Madsen, L. P. G., and Wallin.)

Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Casing treatment. 2,063,279; Dec. 8.

Waltham Watch Company. (See Balzer, Werner H., assignor.)

Wanete Oil Company, et al. (See McHenry, Karmon L., assignor.)

Ware, Herbert Maclean, Northwood, assignor to Kartles Limited, London, England. Container or carton. 2,063,645; Dec. 8.

Warnick, Paul M., and W. H. Scott, assignors to J. L. Berggren, Chicago, Ill. Electric motor. 2,063,773; Dec. 8.

Washington, Matthew W., Dunkirk, N. Y. Shovel. 2,063,774; Dec. 8.

Waterman, Max L., Fairfield, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Take-up mechanisms for sewing machines. 2,063,280; Dec. 8.

Waterworth, Robert J., assignor to Prima Manufacturing Company, Inc., Sidney, Ohio. Ironing machine. 2,063,415; Dec. 8.

Waugh, Hugh L., Ferndale; G. Buelow, Detroit; and H. W. Buelow, Royal Oak, Mich.; said Waugh assignor to said G. and H. W. Buelow. Structural element. 2,063,714; Dec. 8.

Webb, John K. (See Scott, T. R., and Webb.)

Weiland, Henry J., South Milwaukee, and M. A. Prahl, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Triisopropyl-naphthalene-beta-sulphonic acid compounds and preparing them. 2,063,416; Dec. 8.

Weinacker, Hermann. (See Dieterich, F. A., and Weinacker.)

Weinhart, Howard W. (See Johnson, J. B., and Weinhart.)

Weise, C. W., Giddings, Tex. Nut-pick. 2,063,136; Dec. 8.

Wellman, Charles O., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Card punch. 2,063,475; Dec. 8.

Werk, M., Company, The. (See Magill, Rowland, assignor.)

Werner, Georg, assignor to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Light sensitive diazo layers. 2,063,832; Dec. 8.

Werntz, James H. (See Salzberg, P. L., and Werntz.)

Wescott Products Corp. (See Kendig, Benton B., assignor.)

West Michigan Steel Foundry Co. (See Seyferth, Carl G., assignor.)

Westinghouse Electric & Manufacturing Company. (See Soderberg, Carl R., assignor.)

Westinghouse X-Ray Company. (See Morrison, Montford, assignor.)

Wheat, Grant, assignor to Kochler Manufacturing Company, Marlboro, Mass. Battery filling apparatus. 2,063,417; Dec. 8.

Wheelock, Herbert K., Long Beach, Calif. Tire vulcanizing apparatus. 2,063,069; Dec. 8.

Wherry, Dale J., Des Moines, Iowa. Device for the elimination of piston flutter. 2,063,210; Dec. 8.

Wheway, James G., assignor, by mesne assignments, to American Cyanamid Company. Process and mold for molding plastic compositions. 2,063,355; Dec. 8.

White Motor Company, The. (See Daniels, Lee C., assignor.)

Whitehall Patents Corporation. (See Morin, Louis H., assignor.)

Whiteley, Frank A., Minneapolis, Minn. Cabinet air-conditioner. 2,063,418; Dec. 8.

Whitenack Corporation. (See Whitenack, Miri E., assignor.)

Whitenack, Miri E., St. Louis, Mo., assignor to Whitenack Corporation, Chicago, Ill. Electric control. 2,063,137; Dec. 8.

Whitesel, Harry A., Fort Wayne, Ind., assignor to General Electric Company. Cooling unit. 2,063,646; Dec. 8.

Widman, Charles H., Detroit, Mich., assignor to The Murray Corporation of America. Metal barrel. 2,063,571; Dec. 8.

Widmer, Stefan, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric current rectifying system. 2,063,281; Dec. 8.

Wiggins, Richard B., San Antonio, Tex. Token. 2,063,356; Dec. 8.

Wiley, Raymond D., Dayton, assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio. Chart assembly. 2,063,715; Dec. 8.

Wilhelmi, Alfred, Oberhausen, Rhineland, Germany, assignor to H. A. Brassert & Company Limited, London, England. Apparatus for indicating and recording the dust content of blast furnace gases. 2,063,775; Dec. 8.

Wilke, Wilhelm, assignor to Seidenwerk Spinnhütte Aktiengesellschaft, Hanover, Germany. Winding natural silk threads on bobbins. 2,063,282; Dec. 8.

Wilkinson, George D., Oak Park, and E. D. Pellegrin, Des Plaines, assignors to Cribben & Sexton Company, Chicago, Ill. Range. 2,063,647; Dec. 8.

Willer, Nicholas L., assignor to Railway Utility Company, Chicago, Ill. Ventilating device for cars. 2,063,283; Dec. 8.

Williams, Bernard. (See Wixson, S. L., and Williams.)

Williams, Hiram A., assignor to The Stackpole Carbon Company, St. Marys, Pa. Resistor. 2,063,357; Dec. 8.

Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve rectifying system. 2,063,648; Dec. 8.

Wilson, Charles P., Jr., Houston, Tex. Manufacture of oil-soluble polyhydric phenols. 2,063,212; Dec. 8.

Wilson, James G., Weedville, Pa. Trigger guard for firearms. 2,063,476; Dec. 8.

Winans, Henry E., Alton, Ill. Target trap. 2,063,284; Dec. 8.

Winchester Repeating Arms Company. (See Pleines, Henry J., assignor.)

Winckler Engineering Laboratories Incorporated. (See Winckler, Gunnar A. F., assignor.)

Winckler, Gunnar A. F., Worcester, assignor to Winckler Engineering Laboratories Incorporated, Boston, Mass. Generator. 2,063,070; Dec. 8.

Winkley, Erastus E., Lynn, assignor of one-half to W. H. Sellars, East Milton, Mass. Device useful in adjusting chains upon automobile tires. 2,063,358; Dec. 8.

Winthrop Chemical Company. (See Bockmühl, M., and Stein, assignors.)

Winthrop Chemical Company. (See Puetzer, Bruno, assignor.)

Wirz, Emil, Basel, Switzerland. Lid locking device. 2,063,213; Dec. 8.

Wittel, Otto, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Film handling apparatus. 2,063,285; Dec. 8.

Wittnebel, Arthur A., New Rochelle, assignor to American Bank Note Company, New York, N. Y. Safety revenue, postage, and like stamp. 2,063,071; Dec. 8.

Wixson, Saul L., and B. Williams, Boulder City, Nev. Mucking and loading machine. 2,063,214; Dec. 8.

Wolff, Dr. Jur R. (See Eibert, Fritz, assignor.)

Wolford, Charles C. (See Suelflow, A. G., and Wolford.)

Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web splicing device. 2,063,359; Dec. 8.

Wood Hydraulic Hoist & Body Company. (See Luty, Donald J., assignor.)

Wood Newspaper Machinery Corporation. (See Jordhoy, H. C., and Ricards, assignors.)

Wood Newspaper Machinery Corporation. (See Wood, Henry A. W., assignor.)

Woodbury, Clifford A., Media, and P. G. Wrightsman, Chester, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing explosive charges. 2,063,572; Dec. 8.

Woodruff, Frank O., Newton, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H. Manufacture of impregnated fibrous base for shoe stiffener parts or the like. 2,063,649; Dec. 8.

Woodruff, Graham C., Bronxville, N. Y., assignor to The L. C. L. Corporation. Lime-cement container. 2,063,650; Dec. 8.

Woodruff, Graham C., Bronxville, N. Y., assignor to The L. C. L. Corporation. Container lifting device. 2,063,651; Dec. 8.

Woodruff, Graham C., Bronxville, N. Y., assignor to The L. C. L. Corporation. Handling and shipping flour and like materials. 2,063,652; Dec. 8.

Wozny, Alex T., Genoa, Nebr. Saw-tooth protractor. 2,063,776; Dec. 8.

Wrightsman, Philip G. (See Woodbury, C. A., and Wrightsman.)

Wyler, Max, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Naphthalene polycarboxylic acid derivative and preparing the same. 2,063,286; Dec. 8.

Wyler, Max, and R. W. Kersey, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Naphthalene derivatives. 2,063,211; Dec. 8.

Yawman & Erbe Mfg. Co. (See Clark, James R., assignor.)

Yelder, Harry A., assignor to Automatic Musical Instrument Company, Grand Rapids, Mich. Record holder for graphophones. 2,063,573; Dec. 8.

Yett, Porter W., assignor of one-half to H. P. Paris, Portland, Oreg. Self-tilting concrete mixer. 2,063,574; Dec. 8.

Yorke, Norman A. (See Parker, H. W., and Yorke.)
Yost, Ray. (See Hutchinson, Richard J., assignor.)
Young, Franklin, Glendale, and R. F. Hardin, Los Angeles, Calif. Supercharging system for aircraft. 2,063,477; Dec. 8.
Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,063,215: Dec. 8.
Youngstown Sheet & Tube Company, The. (See Firth, Cyril, assignor.)
Zahn, Rudolf. (See Schmidt, M. P., and Zahn.)
Zaparka, Edward F., Baltimore, Md., assignor to Federal Spring Company, Corapolis, Pa. Resilient connection. 2,063,216; Dec. 8.
Zeiss, Firm Carl. (See Merté, Willy, assignor.)
Zellweger, Walter, St. Louis, Mo. Apparatus for treating air and other gases. 2,063,716: Dec. 8.
Zimmerman, Arthur C., and E. F. Steger, assignors to The Duro Company, Dayton, Ohio. Deep-well pump. 2,063,863; Dec. 8.
Zimmerman, Herman W., assignor to Automotive Maintenance Machinery Co., Chicago, Ill. Cylinder grinding tool adjusting mechanism. 2,063,217; Dec. 8.
Zinkil, Roy H., Oak Park, assignor to Crane Co., Chicago, Ill. Device for promoting greater safety in connection with the use of bathtubs. 2,063,864; Dec. 8.
Zisserman, Leon, and E. Shore, London, England. Antiseptic or medicated dressing or material and the manufacture thereof. 2,063,218; Dec. 8.
Zongaro, Marco G., Portland, Oreg. Screw driver handle. 2,063,419; Dec. 8.
Zygmunt, Conrad, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Apparatus for fitting cylinder locks and keys. 2,063,138; Dec. 8.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 8TH DAY OF DECEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Automobile chassis frame and making same. J. H. Crowe. 20,197; Dec. 8.
Boiler, Marine type superheater. J. A. Barnes. 20,192; Dec. 8.
Carrying mechanism for tabulating machines. W. W. Lasker, Jr. 20,199; Dec. 8.
Cut-out machine for shoe uppers. B. W. Freeman. 20,202–3; Dec. 8.
Forceps, Phimosis hemostatic. S. U. and C. A. Sivon. 20,201; Dec. 8.
Jewelry and ornaments, Articles of. D. Swarovski. 20,193; Dec. 8.
Liquors, Treatment of digestion. A. D. Merrill. 20,200; Dec. 8.
Rheostat. C. E. Berger. 20,195; Dec. 8.
Sheets, Method of and apparatus for feeding. F. R. Belluche. 20,194; Dec. 8.
Steering apparatus for multiwheel vehicles. R. R. Harris. 20,198; Dec. 8.
Valve, Plug. F. A. Browne. 20,196; Dec. 8.

LIST OF PLANT INVENTIONS

Rose. G. E. Lukens. 209; Dec. 8.

LIST OF DESIGN INVENTIONS

Airplane. D. B. Hammond. 102,300; Dec. 8.
Bag, Golf. E. J. Hughes, Jr. 102,278; Dec. 8.
Bottle. C. P. Englebardt. 102,264; Dec. 8.
Bottle. V. Flannery. 102,268; Dec. 8.
Bottle. W. R. Kohl. 102,279; Dec. 8.
Bottle. H. A. Marks. 102,282; Dec. 8.
Bottle. J. W. Marrow. 102,283; Dec. 8.
Bottle. W. S. Nuckols. 102,303; Dec. 8.
Bracket, Safety reflector. R. B. Smith. 102,293; Dec. 8.
Building. R. E. Fellow. 102,304; Dec. 8.
Burner, Oil. W. J. Smith. 102,294; Dec. 8.
Cabinet and work holder or the like, Dentist's combined pedestal. H. G. Evans. 102,265; Dec. 8.
Case, Display. L. E. McCoy. 102,284; Dec. 8.
Case or the like, Refrigerator. G. J. Hopkins. 102,274; Dec. 8.
Casing, Vacuum cleaner. W. C. Reed. 102,310; Dec. 8.
Clock face, weather and temperature indicator, Combined. M. M. Pochapin. 102,289; Dec. 8.
Container, Battery. O. O. Rieser. 102,302; Dec. 8.
Cooky. G. W. Burry. 102,254; Dec. 8.
Crucifix or the like. T. Freske. 102,270; Dec. 8.
Drawer pull. G. H. Murrin. 102,288; Dec. 8.
Fabric, Elastic. O. E. Huber. 102,276–7; Dec. 8.
Fabric or similar article, Textile. G. Bardet. 102,311; Dec. 8.
Fabric or similar article, Textile. E. Castro. 102,255–60; Dec. 8.
Fabric or similar article, Textile. F. Headon. 102,273; Dec. 8.
Fabric or similar article, Textile. W. Schmid. 102,312; Dec. 8.
Fabric, Textile. J. J. Blackstone. 102,247; Dec. 8.
Fabric, Textile. M. Christen. 102,261; Dec. 8.
Fabric, Textile. M. Christen. 102,297; Dec. 8.
Fabric, Textile. S. N. Kirschenbaum. 102,301; Dec. 8.
Fabric, Textile. H. W. Wilde. 102,296; Dec. 8.
Handbag, Lady's. H. Felmann. 102,267; Dec. 8.
Hand bag, Lady's. H. Felmann. 102,306–8; Dec. 8.
Handle, Casket. H. E. Moore. 102,286; Dec. 8.
Jewelry finding for pins or the like. E. L. Morrow. 102,287; Dec. 8.
Lace. F. P. Gehring. 102,298–9; Dec. 8.
Paper or similar article, Cover. W. S. Fowler. 102,269; Dec. 8.
Plastic sheet or similar article. W. Bowker. 102,250–1; Dec. 8.
Rocker, Child's. A. O. Arnold. 102,246; Dec. 8.
Saddle, Cycle. R. W. Faulhaber. 102,266; Dec. 8.
Saddle, Cycle. B. N. Lobdell. 102,281; Dec. 8.
Sandal. A. M. Bressler. 102,305; Dec. 8.
Scale or similar article, Weighing. W. H. Greenleaf. 102,272; Dec. 8.
Shaker, pepper shaker, and basket therefor, Combined salt. C. F. Simms. 102,291; Dec. 8.
Shoe. D. Cohen. 102,262; Dec. 8.
Sign or similar article. J. Trojan. 102,295; Dec. 8.
Sign, Road. A. A. Jones. 102,280; Dec. 8.
Slipper, Child's. L. Goldberg. 102,271; Dec. 8.
Spectacle front. F. R. Bishop. 102,313; Dec. 8.
Stocking. O. C. Miller 102,285; Dec. 8.
Stool and tool tray, Combined garage. E. D. Ely. 102,263; Dec. 8.
Sweater. H. Boepple. 102,248–9; Dec. 8.
Tablecloth. S. Brown. 102,252–3; Dec. 8.
Tire, Rubber. K. Hübener. 102,275; Dec. 8.
Toy animal. A. E. B. Rose. 102,290; Dec. 8.
Trailer, Automobile carrying. L. M. Francis. 102,309; Dec. 8.
Utensil display and holder therefor, Combination food. J. J. Sindler. 102,292; Dec. 8.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 8TH DAY OF DECEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrasive wheel. M. B. Lane. 2,063,695; Dec. 8.
Accelerating and decelerating gauge. J. R. Elsom. 2,063,495; Dec. 8.
Acetylene from gas mixtures, Recovery of. R. M. Isham. 2,063,680; Dec. 8.
Acid ester from its reaction mixture, Separation of an organic. C. J. Malm and C. R. Fordyce. 2,063,322; Dec. 8.
Acid esters of indanthrone, Sulphuric. D. A. W. Fairweather and J. Thomas. 2,063,594; Dec. 8.
Acid hardening fixing composition and preparing the same. J. I. Crabtree and H. D. Russell. 2,063,297; Dec. 8.
Acid, Manufacturing monocarboxylic. C. Conover. 2,063,365; Dec. 8.
Acid resin, Succinic. I. Rosenblum. 2,063,856; Dec. 8.
Acid xylidides and their production, Naphthoic. M. A. Dahlen and M. E. Friedrich. 2,063,590; Dec. 8.
Acids and preparing the same, Dianthraquinonyl dicarboxylic. C. Shaw. 2,063,634; Dec. 8.
Aerator. A. C. Durdin, Jr. 2,063,301; Dec. 8.
Agricultural apparatus. I. J. Richards. 2,063,828; Dec. 8.
Air and other gases, Apparatus for treating. W. Zellweger. 2,063,716; Dec. 8.
Air brake control valve. D. F. Searle. 2,063,700; Dec. 8.
Air cleaner and classifier for fine coals. G. A. Vissac. 2,063,533; Dec. 8.
Air-conditioner, Cabinet. F. A. Whiteley. 2,063,418; Dec. 8.
Air humidifier for carburetors. W. F. Shreve. 2,063,130; Dec. 8.
Air, Method and apparatus for conditioning. E. T. Turner. 2,063,711; Dec. 8.
Air pressure regulating apparatus. L. B. Beath. 2,063,783; Dec. 8.
Aircraft. R. J. G. Crouch. 2,063,030; Dec. 8.
Aircraft, Supercharging system for. F. Young and R. F. Hardin. 2,063,477; Dec. 8.
Airplane control. W. O. James. 2,063,812; Dec. 8.
Alarm system, Fire and temperature. J. Siddall and W. H. Siddall. 2,063,703; Dec. 8.
Alarm, Theft. J. M. Parks. 2,063,189; Dec. 8.
Alcohol and acetone by fermentation, Production of ethyl. D. A. Legg. 2,063,450; Dec. 8.
Alcohol resins, Polybasic aliphatic acid-polyhydric. I. Rosenblum. 2,063,854–5; Dec. 8.
Alcohols, Production of cyclic terpene. C. O. Henke and C. Etzel. 2,063,162; Dec. 8.
Alloy. J. M. Lohr. 2,063,513; Dec. 8.
Aluminium alloys. A. Beck. 2,063,023; Dec. 8.
Amino derivatives of aromatic ketones and making same. E. C. Britton, L. Heindel and F. Bryner. 2,063,868; Dec. 8.
Amplifiers, Automatic regulation of the amplification in tele-cine transmitting. R. Möller and G. Schubert. 2,063,694; Dec. 8.
Amusement apparatus. E. Gustafsson. 2,063,600; Dec. 8.
Amusement device. A. Spillman. 2,063,468; Dec. 8.
Anchor, Dividing strip. S. C. Awbrey. 2,063,654; Dec. 8.
Anchor, Self-securing and propelling. W. L. Robins. 2,063,052; Dec. 8.
Annealing box. P. E. Hunter and K. J. Deahl. 2,063,603; Dec. 8.
Antenna. J. Evans. 2,063,303; Dec. 8.
Antenna. L. H. Van Billiard. 2,063,641; Dec. 8.
Antenna, Automobile. R. D. Tuttle. 2,063,531; Dec. 8.
Anthraquinone compounds, Halogenated. W. Dettwyler. 2,063,420; Dec. 8.
Anthraquinones and products obtainable by said process, Preparing formylamino. E. C. Buxbaum. 2,063,027; Dec. 8.
Antiseptic or medicated dressing or material and the manufacture thereof. L. Zisserman and E. Shore. 2,063,218; Dec. 8.
Apparatus of a light filter for electric lamps. A. Braune. 2,063,296; Dec. 8.
Arc device, Inclosed. H. Pulfrich. 2,063,121; Dec. 8.
Arc rupturing device for electric switches. E. Lange. 2,063,173; Dec. 8.
Artificial filaments and particularly such as are adapted for use for textile purposes. E. G. E. Meyer and E. C. Burgoyne. 2,063,180; Dec. 8.
Artillery firing, Apparatus for simulating. A. V. Baranoff. 2,063,536; Dec. 8.
Ashtray for extinguishing cigarettes or cigars. M. Barbiere. 2,063,717; Dec. 8.
Ashtray, Pocket. R. J. Hutchinson. 2,063,679; Dec. 8.
Atomizer. J. L. Taylor. 2,063,709; Dec. 8.
Attaching device. C. A. Flood. 2,063,155; Dec. 8.
Automobile brake. M. Johnson. 2,063,440; Dec. 8.
Automobile driving control. Centralized. D. Cook. 2,063,793; Dec. 8.
Automobile heater. R. B. Otwell. 2,063,825; Dec. 8.
Automobile suspension system. F. W. Slack. 2,063,704; Dec. 8.
Automobile tire chain. F. Aloe. 2,063,535; Dec. 8.
Aviation training machine. L. L. Custer. 2,063,231; Dec. 8.
Axle bearing. V. A. Bary. 2,063,020; Dec. 8.
Bar: *See*—
Spring bar.
Barrel. B. T. Lindell. 2,063,389; Dec. 8.
Barrel, Metal. C. H. Widman. 2,063,571; Dec. 8.
Base for shoe stiffener parts or the like, Manufacture of impregnated fibrous. F. O. Woodruff. 2,063,649; Dec. 8.
Baseball scoring device. F. Marshall and R. M. Organ. 2,063,612; Dec. 8.
Bath for and process of electrodeposition of metal. J. Schulein. 2,063,760; Dec. 8.
Battery filling apparatus. G. Wheat. 2,063,417; Dec. 8.
Bearing: *See*—
Axle bearing.
Bearing. A. G. F. Wallgren. 2,063,570; Dec. 8.
Bearing and making the same, Antifriction. E. K. Brown. 2,063,787; Dec. 8.
Bearing cage. W. P. Cox. 2,063,586–7; Dec. 8.
Bearing for pitmans, Adjustable tapered roller. W. Handke. 2,063,807; Dec. 8.
Beer, Apparatus for transportation and delivery of. A. Davis, Jr. 2,063,727; Dec. 8.
Bell, Electric. J. A. W. Jacob and L. B. Temple. 2,063,604; Dec. 8.
Beryllium minerals, Decomposing. G. Jaeger. 2,063,811; Dec. 8.
Binder for furniture top surfacing material, Edge. J. R. Clark. 2,063,725; Dec. 8.
Binder, Loose leaf. E. O. Greer. 2,063,548; Dec. 8.
Bit: *See*—
Roller rack bit.
Bit and tool holder. O. Severson. 2,063,128; Dec. 8.
Blades, Manufacturing. C. R. Soderberg. 2,063,704; Dec. 8.
Body, Demountable. B. F. Fitch. 2,063,033; Dec. 8.
Bottle case. B. T. Lindell. 2,063,390; Dec. 8.
Bottle holder. L. B. Meyerson. 2,063,554; Dec. 8.
Bottle support. J. H. Morcom. 2,063,328; Dec. 8.
Box: *See*—
Annealing box. Table dispensing box.
Candy box. Underfloor duct box.
Box ending tool. A. L. Rosenmund. 2,063,626; Dec. 8.
Bracket for automobile jacks, Lifting. R. LeR. Sheetz. 2,063,060; Dec. 8.
Brake: *See*—
Automobile brake.
Brake. V. Bendix. 2,063,024; Dec. 8.
Brake apparatus. H. T. Lambert. 2,063,444; Dec. 8.
Brake apparatus, Momentum-actuated. H. T. Lambert. 2,063,445; Dec. 8.
Brake control, Automatic fluid. LeR. Cook. 2,063,366; Dec. 8.
Brake hook-up, Emergency. J. Dykstra. 2,063,729; Dec. 8.
Brake mechanism. H. T. Lambert. 2,063,443; Dec. 8.
Brakes, Efficiency indicating mechanism for. A. D. Gulliver. 2,063,244; Dec. 8.
Braking apparatus. W. F. Oliver. 2,063,618; Dec. 8.
Brassière. S. Kibbe. 2,063,104; Dec. 8.
Brick, Production of refractory. K. Erdmann. 2,063,543; Dec. 8.
Broaching machine. M. Romaine and E. G. Roehm. 2,063,756; Dec. 8.
Bucket apparatus, Scraper. H. A. Roe. 2,063,698; Dec. 8.
Bucket, Dredge. W. H. Stires. 2,063,858–9; Dec. 8.
Building construction. J. H. Nold and G. L. Bostwick. 2,063,457; Dec. 8.
Building construction, Fireproof. B. E. Balduf. 2,063,010; Dec. 8.
Building wall construction unit. R. C. Graef. 2,063,309; Dec. 8.
Bumper, Automobile. S. Shapera. 2,063,763; Dec. 8.
Bumper, Dust mop. A. D. Sund. 2,063,132; Dec. 8.
Bumper jack. F. L. Curran. 2,063,661; Dec. 8.
Burner: *See*—
Fuel burner. Oil burner.
Gas fuel burner.
Burnishing tool. W. T. Pritchard and A. R. Saunders. 2,063,338; Dec. 8.

Buttons, Apparatus for selecting pearl. C. P. Carris. 2,063,485; Dec. 8.
Cable, High tension. J. Forster. 2,063,306; Dec. 8.
Cable maintenance. H. Nyquist. 2,063,187; Dec. 8.
Cables, Making copper sheathed steel core. H. A. Staples. 2,063,476; Dec. 8.
Cables, Manufacture of electric. T. R. Scott and J. K. Webb. 2,063,346; Dec. 8.
Calculating device. H. A. Aikins. 2,063,287; Dec. 8.
Calculating machine. R. R. Henderson. 2,063,740; Dec. 8.
Calculating machines, Counter control for. R. A. Christian and E. J. Ens. 2,063,080; Dec. 8.
Camera, Photographic roll film. A. Nagel. 2,063,330–1; Dec. 8.
Cameras, Erecting mechanism for folding. N. B. Green. 2,063,310; Dec. 8.
Can: *See*—
Packing can.
Candy box. J. H. McGrath. 2,063,259; Dec. 8.
Cap, Attachment plug. H. Hubbell, Jr. 2,063,038; Dec. 8.
Cap, Bathing. P. A. Davies. 2,063,232; Dec. 8.
Cap, Container. G. Goebel. 2,063,428; Dec. 8.
Cap for adhesive containers, Spreader. G. E. Nealand. 2,063,617; Dec. 8.
Car. W. M. Sheehan. 2,063,057; Dec. 8.
Car, Convertible railway freight. A. J. Hersey and C. L. Madden. 2,063,434; Dec. 8.
Car, Mine. W. M. Sheehan. 2,063,059; Dec. 8.
Car structure. W. M. Sheehan. 2,063,056; Dec. 8.
Car, Underground mine. H. F. Flowers. 2,063,544; Dec. 8.
Cars or other vehicles, Apparatus for icing railway refrigerator. E. C. Grayson and V. W. Benner. 2,063,431; Dec. 8.
Carbon compounds, Thermal treatment of. P. Feiler. 2,063,596; Dec. 8.
Carburetor. J. J. Grenat. 2,063,433; Dec. 8.
Carburetor. P. E. Mack. 2,063,107; Dec. 8.
Carrier: *See*—
Tire carrier. Trunk and luggage carrier.
Carton, One-piece egg. H. Blau. 2,063,720; Dec. 8.
Case: *See*—
Bottle case.
Casein dispersions. F. G. Uhler. 2,063,134; Dec. 8.
Cash register. C. W. Green. 2,063,091; Dec. 8.
Cash register and the like. W. Naumann. 2,063,265; Dec. 8.
Casing treatment. C. T. Walter. 2,063,279; Dec. 8.
Catalyst and making same, Oxidation. J. F. Eversole. 2,063,302; Dec. 8.
Cattle dehorner. P. Bernard. 2,063,785; Dec. 8.
Cavities, Filling. L. Farkas and P. Harteck. 2,063,667; Dec. 8.
Cellulose ester compositions. H. Persiel, C. Balle, F. Grom, and R. Semmig. 2,063,620; Dec. 8.
Cellulose, Regulating the pretreating and esterifying of. C. J. Malm and C. F. Nadeau. 2,063,324; Dec. 8.
Cement, Porous refractory insulating. O. L. Jones. 2,063,102; Dec. 8.
Centrifugal separator. J. F. Tholl. 2,063,472; Dec. 8.
Chain: *See*—
Automobile tire chain. Pickling chain.
Chains upon automobile tires, Device useful in adjusting. E. E. Winkley. 2,063,358; Dec. 8.
Chair. A. P. Ball. 2,063,780–1; Dec. 8.
Chair. F. L. Gailey. 2,063,732; Dec. 8.
Chair and high chair, Combination. W. Naturkacz. 2,063,046; Dec. 8.
Chair seat. I. R. Bromagem. 2,063,836; Dec. 8.
Chairs and the like, Attachment for hydraulically operated dental. S. H. Richardson. 2,063,122; Dec. 8.
Channel support for bricks. E. Wallace. 2,063,135; Dec. 8.
Chaplet or stud for use in foundry work. F. Seibel. 2,063,445; Dec. 8.
Chart assembly. R. D. Wiley. 2,063,198; Dec. 8.
Chart device, Recording. C. G. Schelly. 2,063,715; Dec. 8.
Chromium plating. R. Schneidewind. 2,063,126; Dec. 8.
Chuck. W. H. Schneider. 2,063,197; Dec. 8.
Cigarette case and match box. A. Kaiser and P. Niethamer. 2,063,103; Dec. 8.
Cigarette container. I. M. Plant. 2,063,190; Dec. 8.
Circuit, Automatic volume control. L. E. Barton 2,063,577; Dec. 8.
Circuit, Electrical amplifier. S. Ruben. 2,063,524; Dec. 8.
Circuit maker and breaker. W. P. Loudon. 2,063,320, Dec. 8.
Circuit, Sweep. A. D. Blumlein. 2,063,025; Dec. 8.
Circuits, Frequency multiplier. H. Gutmann. 2,063,093; Dec. 8.
Circuits, Selective calling. K. O. Thorp. 2,063,354; Dec. 8.
Clasp, Garment. C. B. Battin. 2,063,021; Dec. 8.
Cleaner: *See*—
Suction cleaner. Traveling cleaner.
Cleaner for machinery, Traveling. W. W. Linder. 2,063,816; Dec. 8.
Cleaning apparaus. W. B. Hodge. 2,063,873; Dec. 8.
Clock, Alarm. J. A. Reinhardt. 2,063,884; Dec. 8.
Closure and manufacturing the same. C. E. McManus. 2,063,455; Dec. 8.
Closure for bottles and jars, Metal. D. M. Gray. 2,063,157; Dec. 8.
Clutch. M. J. Galvin and V. Fenner. 2,063,426; Dec. 8.
Clutch and control means therefor, Overrunning. J. W. Hobbs. 2,063,379; Dec. 8.
Coal mining. C. Scholz. 2,063,761; Dec. 8.
Coatings on a cellulose ester base, Producing metallic. E. Freund. 2,063,034; Dec. 8.
Cofferdams, Method and apparatus for constructing. J. C. Meem. 2,063,514; Dec. 8.
Coincidental lock. J. W. FitzGerald. 2,063,088; Dec. 8.
Colander. P. A. Chamberlain. 2,063,791; Dec. 8.
Collector for electric current. F. Szalay. 2,063,206; Dec. 8.
Colors, Asymetric indigoid-thioindigoid. E. Havas. 2,063,161; Dec. 8.
Comb, Hair. I. Andersson. 2,063,777; Dec. 8.
Comber. B. Bailey. 2,063,018; Dec. 8.
Compounds of the anthraquinone series and preparing them. E. C. Buxbaum and H. R. Lee. 2,063,028; Dec. 8.
Compressor. E. J. De Ville. 2,063,728; Dec. 8.
Concealed hinge. E. B. G. Lefevre. 2,063,686; Dec. 8.
Concrete mixer, Self-tilting. P. W. Yett. 2,063,574; Dec. 8.
Condensation product and process. H. A. Bruson. 2,063,837; Dec. 8.
Connecter: *See*—
Service connecter.
Connecter. A. A. Berndt. 2,063,718; Dec. 8.
Connection, Resilient. E. F. Zaparka. 2,063,216; Dec. 8.
Constructional element for building. E. Groove. 2,063,159; Dec. 8.
Container: *See*—
Cigarette container. Lime-cement container.
Dispensing container. Metal container.
Container. C. A. Nave. 2,063,185; Dec. 8.
Container for silk cops, Shipping. M. D. Lee. 2,063,319; Dec. 8.
Container lifting device. G. C. Woodruff. 2,063,651; Dec. 8.
Container or carton. H. M. Ware. 2,063,645; Dec. 8.
Containers, conduits and the like, Locking. E. M. Hulme. 2,063,678; Dec. 8.
Continuous torque impulse motor. S. Ruben. 2,063,340; Dec. 8.
Control device. N. C. Schellenger and M. B. Arisman. 2,063,343; Dec. 8.
Control mechanism for presses. K. F. Wagner. 2,063,644; Dec. 8.
Control system. J. B. Parsons. 2,063,049; Dec. 8.
Control system for frequency converters. R. Notvest. 2,063,824; Dec. 8.
Conveyer mechanism. A. E. Crady. 2,063,230; Dec. 8.
Cooling and pressure control means for liquid containers. J. L. Kellogg. 2,063,877; Dec. 8.
Cooling for internal combustion engines, Multiflow. F. W. Hild. 2,063,436; Dec. 8.
Cooling unit. H. A. Whitesel. 2,063,646; Dec. 8.
Copper strips and the like, Rolling. J. M. Hughes, J. H. Carter, and E. E. Reagle. 2,063,677; Dec. 8.
Core recovering means. J. H. Howard. 2,063,437; Dec. 8.
Core washing machine. L. C. Shippy. 2,063,702; Dec. 8.
Corn trimmer, Green. F. M. Bulmer. 2,063,483; Dec. 8.
Corrosion of aluminium base alloys, Improving the resistance to. A. Beck. 2,063,022; Dec. 8.
Countercurrent apparatus for treating petroleum oil. R. E. Burk. 2,063,789; Dec. 8.
Coupling: *See*—
Multistage hydraulic coupling.
Cover: *See*—
Tire cover.
Cover and similar structure, Basket. A. H. Schmidtke. 2,063,759; Dec. 8.
Creel. B. A. Peterson. 2,063,752; Dec. 8.
Crown cap and making. C. D. McManus. 2,063,454; Dec. 8.
Crusher. H. W. Riley. 2,063,829; Dec. 8.
Cultivator. A. G. Sueiflow and C. C. Wolford. 2,063,769; Dec. 8.
Cup dispenser. R. Bares. 2,063,576; Dec. 8.
Current rectifying system, Electric. S. Widmer. 2,063,281; Dec. 8.
Currents one into the other, Method of and means for converting alternating and direct. S. S. Seyfert. 2,063,701; Dec. 8.
Curtain hanger. K. M. Niese. 2,063,332; Dec. 8.
Cushion, Molded. F. O. Church. 2,063,081; Dec. 8.
Cuspidor. M. E. Rogers. 2,063,559; Dec. 8.
Cut-out, Electric safety. R. Kellendorfer. 2,063,813; Dec. 8.
Cutter for buttonhole machines J. H. Pikul and C. A. O. Grip. 2,063,398; Dec. 8.
Cutting die. F. Mertinz. 2,063,179; Dec. 8.
Cyanide melts, Maintaining or regulating the efficacy of. W. Beck. 2,063,079; Dec. 8.
Cylinder locks and keys, Apparatus for fitting. C. Zygmunt. 2,063,138; Dec. 8.
Dating and numbering machine. L. T. Gilardoni. 2,063,427; Dec. 8.
Deck sash fixture. G. C. Christy. 2,063,583; Dec. 8.
Deep well pump. H. S. Crooks and G. Highfield. 2,063,839; Dec. 8.

Deep-well pump. A. C. Zimmerman and E. F. Steger. 2,063,863; Dec. 8.
Demodulator. A. A. Leonard. 2,063,814; Dec. 8.
Device for promoting greater safety in connection with the use of bathtubs. R. H. Zinkil. 2,063,864; Dec. 8.
Device for the elimination of piston flutter. D. J. Wherry. 2,063,210; Dec. 8.
Diazo compounds and preparing them. M. P. Schmidt and R. Zahn. 2,063,631; Dec. 8.
Die: *See*—
Cutting die.
Diene resin. C. Ellis. 2,063,542; Dec. 8.
Diene synthesis, Products of. C. Ellis. 2,063,540; Dec. 8.
Diffusion vacuum pump. H. W. Edwards. 2,063,665; Dec. 8.
Dipper, Ice cream. R. J. Price. 2,063,754; Dec. 8.
Dispenser: *See*—
Cup dispenser. Liquid dispenser.
Dispensing container. F. C. Allen, Jr. 2,063,288; Dec. 8.
Display device and operating means therefor, Rotary. C. C. Gilman. 2,063,599; Dec. 8.
Display stand. P. D. McIver. 2,063,393; Dec. 8.
Displaying apparatus. E. Lefrand. 2,063 687; Dec. 8.
Dispensing device. A. H. Johnson. 2,063,606; Dec. 8.
Distributor, Fertilizer. H. B. Siems. 2,063,131; Dec. 8.
Door check. W. F. Snowdon. 2,063,526; Dec. 8.
Dough working machine. E. T. Parsons. 2,063,750; Dec. 8.
Draft rigging. B. W. Kadel. 2,063,876; Dec. 8.
Drain, Hose coupling. S. M. Meyer. 2,063,616; Dec. 8.
Drill pipe float valve. J. A. McKenzie. 2,063,821; Dec. 8.
Drinking tube. A. P. Gildersleeve. 2,063,803; Dec. 8.
Driving mechanism, Variable. E. W. Miller. 2,063,262; Dec. 8.
Drum lock. F. W. Meyer. 2,063,394; Dec. 8.
Drying and incinerating sewage, garbage, etc. F. B. Schilling. 2,063,630; Dec. 8.
Dust content of blast furnace gases, Apparatus for indicating and recording the. A. Wilhelmi. 2,063,775; Dec. 8.
Dyes and their production, Water-insoluble azo. M. A. Dahlen and M. E. Friedrich. 2,063,589; Dec. 8.
Dyestuff preparation, Vat or sulphur. H. Berthold. 2,063,147; Dec. 8.
Dyestuffs, Anthraquinone. N. H. Haddock and F. Lodge. 2,063,246; Dec. 8.
Dyestuffs of the pyrene series and preparing them. H. Vollmann and H. Becker. 2,063,568; Dec. 8.
Dynamometer, Mechanical. E. N. Kemler. 2,063,169; Dec. 8.
Electric control. M. E. Whitenack. 2,063,137; Dec. 8.
Electric furnace. H. E. Stauss and J. Ogden. 2,063,274; Dec. 8.
Electric motor. P. M. Warnick and W. H. Scott. 2,063,773; Dec. 8.
Electric welder. W. H. Martin. 2,063,257; Dec. 8.
Electrical appliance and plug therefor. M. W. McArdle. 2,063,110; Dec. 8.
Electrical discharge control and television system. H. C. Gillespie. 2,063,804; Dec. 8.
Electrical regulating system. H. Bany and R. N. Slinger. 2,063,077; Dec. 8.
Electrical switchgear. H. J. Huber. 2,063,875; Dec. 8.
Electrical vacuum pump. C. W. Hansell. 2,063,249–50; Dec. 8.
Electrical vibrator unit. E. C. Guedon, A. D. Burt, and F. Shoup. 2,063,311; Dec. 8.
Electrically operated signal. W. H. Balzer. 2,063,076; Dec. 8.
Electrode, Arc welding. W. B. Miller. 2,063,182; Dec. 8.
Electrodes, Apparatus for making welding. H. R. Geer. 2,063,497; Dec. 8.
Electron discharge device. V. O. Allen. 2,063,360; Dec. 8.
Electron discharge device. J. B. Johnson and H. N. Weinhart. 2,063,314; Dec. 8.
Electron discharge device. A. L. Samuel. 2,063,341–2; Dec. 8.
Electrothermostatic apparatus. T. J. Smulski. 2,063,705; Dec. 8.
Enamel and making same, Vitreous. C. J. Kinzie. 2,063,252; Dec. 8.
Encased reel. J. R. Doherty. 2,063,662; Dec. 8.
Enclosure for electrical devices. F. F. Loock. 2,063,099; Dec. 8.
Endless tread machine. B. H. Flynn. 2,063,238; Dec. 8.
Engine: *See*—
Internal combustion engine. Two-cycle engine.
Escapement device. F. Elbert. 2,063,371; Dec. 8.
Esters of alicyclic carboxylic acids. Ether alcohol. H. J. Barrett and E. F. Izard. 2,063,144; Dec. 8.
Esters of the thio acids of phosphorus. P. L. Salzberg and J. H. Werntz. 2,063,629; Dec. 8.
Explosive charges, Preparing. C. A. Woodbury and P. G. Wrightsman. 2,063,572; Dec. 8.
Extracting method and apparatus. J. J. de la Roza, Sr. 2,063,367; Dec. 8.
Eye testing instrument. A. Ames, Jr. 2,063,015; Dec. 8.
Eyeglass mounting and producing same. C. F. Kramer. 2,063,170; Dec. 8.
Fabric and weaving same, Knotted tuft. W. A. Rice and F. G. Shinn. 2,063,853; Dec. 8.
Fan. M. S. Leonard. 2,063,174; Dec. 8.
Fastener: *See*—
Slide fastener.
Fastener. B. C. Place. 2,063,827; Dec. 8.
Fastener and making the same, Separable slide. L. H. Morin. 2,063,515; Dec. 8.
Fats and oils, Stabilization of animal and vegetable. J. K. Hunt and G. H. Latham. 2,063,602; Dec. 8.
Feed for chain making machines, Wire. F. A. Dieterich and H. Weinacker. 2,063,593; Dec. 8.
Feed for machine tools, Hydraulic. O. G. Tweddell. 2,063,414; Dec. 8.
Feeder for suction molds, Glass. S. G. Stuckey. 2,063,565; Dec. 8.
Fermentation of sugar-containing liquids, Alcoholic. F. Boinot. 2,063,223; Dec. 8.
Ferrous articles, Cleaning. U. C. Tainton and F. W. Harris. 2,063,529; Dec. 8.
Ferrule, Vehicle hardware. A. Person. 2,063,335; Dec. 8.
Fibers, Making wool-like artificial. A. von Weinberg, H. Rein and O. Eisenhut. 2,063,200; Dec. 8.
Filler valve. G. L. N. Meyer. 2,063,326; Dec. 8.
Film gate. M. H. Ames. 2,063,016; Dec. 8.
Film handling apparatus. O. Wittel. 2,063,285; Dec. 8.
Film of moisture, Controlling a. M. B. Goddard. 2,063,672; Dec. 8.
Filter: *See*—
Oil filter.
Filter. J. W. FitzGerald. 2,063,086; Dec. 8.
Filter and oil cooler, Combined metal plate oil. J. R. Holmes. 2,063,742; Dec. 8.
Filter element. H. G. Kamrath. 2,063,743; Dec. 8.
Fineness modulus indicator. R. H. Johnson. 2,063,506; Dec. 8.
Finishing system. H. J. Barrett. 2,063,078; Dec. 8.
Fire extinguisher. C. A. Thomas and C. A. Hochwalt. 2,063,772; Dec. 8.
Flight instrument, Combination. W. L. Smith. 2,063,764; Dec. 8.
Flour and like materials, Handling and shipping. G. C. Woodruff. 2,063,652; Dec. 8.
Fluid pump. W. H. Hernsdorf and A. W. Aroner. 2,063,503; Dec. 8.
Fluids, Apparatus for inspecting. F. X. Beau. 2,063,222; Dec. 8.
Folding machine. H. W. Cabbert. 2,063,156; Dec. 8.
Food, Detection of deterioration of. K. W. Haeseler. 2,063,568; Dec. 8.
Food preparer. E. F. Martinet. 2,063,692; Dec. 8.
Frame: *See*—
Sewing machine frame.
Frequency changer. C. W. Hansell. 2,063,248; Dec. 8.
Froth flotation machine. J. M. Patek. 2,063,751; Dec. 8.
Fruit sizing machine. A. F. Allen. 2,063,008; Dec. 8.
Fruits, Treating. H. R. Rutledge. 2,063,628; Dec. 8.
Fuel burner. F. V. Risinger. 2,063,697; Dec. 8.
Furnace: *See*—
Electric furnace. Rotary tube furnace.
Hot air furnace.
Furnace. J. O. Betterton. 2,063,579; Dec. 8.
Furnace and the like, Open hearth. A. M. Rossman. 2,063,402; Dec. 8.
Furnaces for melting and refining metals and the like, Operating. A. M. Rossman. 2,063,401; Dec. 8.
Fuse construction, Repeating. W. O. Schultz and A. Steinmayer. 2,063,466; Dec. 8.
Galvanizing apparatus. A. F. Bradley. 2,063,721; Dec. 8.
Gas fuel burner. H. P. Parrigin. 2,063,396; Dec. 8.
Gas mixing apparatus. G. W. McKee. 2,063,453; Dec. 8.
Gas, Utilizing waste carbon dioxide. R. W. Smith. 2,063,201; Dec. 8.
Gases and vapors in liquids, Mechanical means for distributing. K. Brnem. 2,063,480; Dec. 8.
Gases, Treatment of hydrocarbon. H. Tropsch. 2,063,133; Dec. 8.
Gasoline and the like, Stabilizing. J. C. Morrell. 2,063,516; Dec. 8.
Gasoline extraction. O. Fitz Simons and F. C. Croxton. 2,063,597; Dec. 8.
Gate: *See*—
Film gate.
Gauge: *See*—
Accelerating and decelerating gauge.
Gear: *See*—
Hydraulic valve gear.
Gear for land vehicles in particular railway vehicles, Hydraulic transmission. U. Barske. 2,063,145; Dec. 8.
Gearing, Worm. B. Lazich and H. E. Ashworth. 2,063,510; Dec. 8.
Gears, Apparatus for testing the accuracy of toothed. W. H. Try. 2,063,474; Dec. 8.
Gelatin emulsions and gelatin solutions, Hardening photographic. C. J. Staud and R. M. Briggs. 2,063,351; Dec. 8.
Generator: *See*—
Warning signal generator.
Generator. G. A. F. Winckler. 2,063,070; Dec. 8.
Generators, Construction for magneto electric. Le R. S. Dunham and H. G. Smith, Jr. 2,063,083; Dec. 8.
Glass in glass furnace gathering basins or forehearths, Circulating. T. C. Moorshead. 2,063,555; Dec. 8.

Glass, Manufacture of laminated. C. S. Shoemaker. 2,063,350; Dec. 8.
Glass to tank or furnace forehearths, Selective apparatus for and method of controlling flow of. W. T. Honiss. 2,063,842; Dec. 8.
Glassware, Making. G. E. Howe. 2,063,463; Dec. 8.
Gramophone and the like, Automatic. G. Slater. 2,063,199; Dec. 8.
Grid control means in ion valve apparatus. U. Lamm. 2,063,106; Dec. 8.
Grid used in connection with ice trays. B. Johnsen. 2,063,100; Dec. 8.
Grinding mill. C. P. Brasington. 2,063,363; Dec. 8.
Gripping device. I. M. Sloan. 2,063,406; Dec. 8.
Group-address system. E. L. Bowles. 2,063,224; Dec. 8.
Guard for cycle handle bars. I. E. Douglas. 2,063,493; Dec. 8.
Guards for firearms, Trigger. J. G. Wilson. 2,063,476; Dec. 8.
Guide, Tractor. W. and J. F. Steckley. 2,063,204; Dec. 8.
Hair, Permanently waving. C. O. McIntosh and O. R. Essex. 2,063,260; Dec. 8.
Handbag, Lady's. T. Nemeth and C. Adam. 2,063,850; Dec. 8.
Handle: *See*—
Saw handle. Screw driver handle.
Hanger: *See*—
Curtain hanger.
Head for drum stapling machines, Automatic. L. Pardini. 2,063,460; Dec. 8.
Heat exchanger. R. E. Burk. 2,063,788; Dec. 8.
Heat exchanger. F. M. Hardiman and L. P. Saunders. 2,063,736; Dec. 8.
Heat regulation for buildings. E. T. McCarthy. 2,063,613; Dec. 8.
Heat treating. T. B. Bechtel and S. J. Eberwein. 2,063,784; Dec. 8.
Heater: *See*—
Automobile heater.
Heating and demagnetizing apparatus. G. Fredrickson. 2,063,800; Dec. 8.
Heating apparatus. B. W. Davis. 2,063,031; Dec. 8.
Heating device, Electric. H. M. Smith. 2,063,407; Dec. 8.
Heating device, Electrical. G. W. Heinbuch. 2,063,096; Dec. 8.
Heating system. J. L. Davidson. 2,063,152; Dec. 8.
Heating unit, Electric. P. H. Vanden Berg. 2,063,642; Dec. 8.
Hinge: *See*—
Concealed hinge.
Holder: *See*—
Bit and tool holder. Jar holder.
Bottle holder.
Holder and bit, Drawbolt tool. O. Severson. 2,063,129; Dec. 8.
Holder for graphophones, Record. H. A. Yelder. 2,063,573; Dec. 8.
Holder for sausage casings, String. H. J. Jaworski. 2,063,681; Dec. 8.
Hood latch. C. A. Sigel. 2,063,635; Dec. 8.
Hot air furnace. D. J. Luty. 2,063,321; Dec. 8.
Hydraulic actuating means. W. Noble. 2,063,882; Dec. 8.
Hydraulic valve gear. W. Noble. 2,063,881; Dec. 8.
Hydrocarbons, Polymerization of. R. C. Osterstrom. 2,063,522; Dec. 8.
Hydrogen ion concentration of butyl alcohol fermentation mashes, Controlling. D. A. Legg. 2,063,449; Dec. 8.
Hydrogen ion concentration of butyl alcohol fermentation mashes, Controlling. D. A. Legg and H. R. Stiles. 2,063,448; Dec. 8.
Ice machine. W. H. Taylor. 2,063,771; Dec. 8.
Ice making machine. W. H. Taylor. 2,063,770; Dec. 8.
Illuminating device. J. Lunoe and M. C. Ranseen. 2,063,451; Dec. 8.
Indicator: *See*—
Fineness modulus indicator. Vibration indicator.
Ingot stripper. O. Hively. 2,063,676; Dec. 8.
Ingot stripper. J. Kloos. 2,063,684; Dec. 8.
Ingots, Stripping. O. Hively. 2,063,675; Dec. 8.
Insect trap. G. Staffel. 2,063,768; Dec. 8.
Internal combustion engine. J. A. H. Barkeij. 2,063,362; Dec. 8.
Internal combustion engine. H. F. Hansen and H. J. Scholtze. 2,063,374; Dec. 8.
Internal combustion engine. M. Tibbetts. 2,063,567; Dec. 8.
Internal combustion engine, Injection. A. Meyer and E. Holzbaur. 2,063,848; Dec. 8.
Internal grinding fixture. C. Booth and J. E. Caster. 2,063,659; Dec. 8.
Iron sheets, Process and product of welding galvanized. G. G. Gilpin. 2,063,671; Dec. 8.
Ironing machine. R. J. Waterworth. 2,063,415; Dec. 8.
Isothiourea-isopropylether. B. Puetzer. 2,063,461; Dec. 8.
Jack: *See*—
Bumper jack.
Jacket, Shooting. H. O. Smith. 2,063,469; Dec. 8.
Jar holder. C. E. Goetting. 2,063,805; Dec. 8.
Jelly preparation, Product for and method of. W. E. Baier. 2,063,143; Dec. 8.
Jig for lock cylinders, Coding. J. W. FitzGerald. 2,063,085; Dec. 8.
Joint and adjustable splicing element therefor, Rail. R. P. Lamont. 2,063,317; Dec. 8.
Joint for concrete structures, Expansion and contraction. L. J. Mensch. 2,063,552; Dec. 8.
Joint, Making an expansion. H. C. Davis. 2,063,490; Dec. 8.
Juices to crystals, Device for boiling sugar. H. A. D. Jansse. 2,063,166; Dec. 8.
Kiln, Dry. J. E. Imrie. 2,063,438; Dec. 8.
Kiln, Spall lime. C. F. Arnold. 2,063,219; Dec. 8.
Knife, Leather. G. Agostineto. 2,063,653; Dec. 8.
Knitting method and machine. P. W. Bristow. 2,063,026; Dec. 8.
Label, Garment. J. V. Scott. 2,063,271; Dec. 8.
Lamp: *See*—
Street-lamp.
Lamp and mounting therefor, Electric. W. J. Geiger and A. T. Gaskill. 2,063,090; Dec. 8.
Lamp and variable focus shade. N. G. Horwitt, M. Katcher, and W. Noell. 2,063,504; Dec. 8.
Lamp for producing modulated light, Discharge. C. H. Braselton. 2,063,580; Dec. 8.
Lamp house, Printing machine. R. S. Hopkins. 2,063,312; Dec. 8.
Latch: *See*—
Hood latch.
Last, Shoe press. G. O. Baker. 2,063,075; Dec. 8.
Lasting tool. J. S. Kamborian. 2,063,167; Dec. 8.
Laundry checking device. L. Z. Hutchens. 2,063,165; Dec. 8.
Laundry, Method of and device for packaging. J. T. Gibbons. 2,063,547; Dec. 8.
Lavatory drain valve. F. H. Schneider. 2,063,632; Dec. 8.
Leathers and product, Finishing. J. T. Power. 2,063,337; Dec. 8.
Lens, Fluted headlight. A. N. Taylor. 2,063,207; Dec. 8.
Lens, Shading. E. S. Hemmerly. 2,063,502; Dec. 8.
License plate or the like, Vehicle. E. V. Myers. 2,063,823; Dec. 8.
Lid locking device. E. Wirz. 2,063,213; Dec. 8.
Light: *See*—
Traffic light.
Light diffusion fixture. S. Kramer. 2,063,744; Dec. 8.
Light responsive apparatus. P. H. Crago. 2,063,298; Dec. 8.
Light sensitive diazo layers. G. Werner. 2,063,832; Dec. 8.
Lighting device, Decorative. P. C. Dittman. 2,063,153; Dec. 8.
Lighting fixture. P. I. and M. A. Elias, 2d. 2,063,730; Dec. 8.
Lime and gypsum, Reacting caustic. P. C. Choate and A. K. Hobby. 2,063,488; Dec. 8.
Lime-cement container. G. C. Woodruff. 2,063,650; Dec. 8.
Lining, Bedpan. E. C. Ebert. 2,063,797; Dec. 8.
Lining support for furnaces, Refractory. J. W. Corriston. 2,063,229; Dec. 8.
Liquid dispenser. T. T. Graser. 2,063,430; Dec. 8.
Liquid dispensing device. D. H. Hawes. 2,063,036; Dec. 8.
Liquids, Apparatus for the delivery of. R. Chermat. 2,063,228; Dec. 8.
Lock: *See*—
Coincidental lock. Drum lock.
Lock. C. Swilens. 2,063,708; Dec. 8.
Lock valve. G. Kriege. 2,063,442; Dec. 8.
Locking mechanism for collapsible baby carriages and the like. H. Graser. 2,063,242; Dec. 8.
Looms, Shedding mechanism for circular. F. C. Hale and W. Howarth. 2,063,734; Dec. 8.
Lubricating composition. C. Tietig. 2,063,473; Dec. 8.
Lubricating device. H. R. Tenr. 2,063,409–12; Dec. 8.
Lubricating system. H. D. Haley. 2,063,673; Dec. 8.
Lubrication of crankshafts. A. F. Underwood. 2,063,885; Dec. 8.
Lubricator. C. E. Stewart. 2,063,352; Dec. 8.
Machine for closing wirebound boxes. A. L. Rosenmund. 2,063,124; Dec. 8.
Machine for coating the peripheral portions of soles. J. H. Brown. 2,063,149; Dec. 8.
Machine for cutting bars and tubes of glass. C. Eisler. 2,063,236; Dec. 8.
Machine for driving piling in railroad beds. M. Jones. 2,063,383; Dec. 8.
Machine for feeding can ends. G. W. Mudd. 2,063,183; Dec. 8.
Machine for making pile fabrics. E. K. Bauer. 2,063,221; Dec. 8.
Machine for shaping uppers over lasts. C. F. Pym. 2,063,193; Dec. 8.
Machine for use in applying pressure to shoe bottoms. J. T. Lancaster. 2,063,172; Dec. 8.
Material, Apparatus for processing. C. W. Vogt and W. E. Snyder. 2,063,065; Dec. 8.
Material, Chemically-resistant. M. K. Billson. 2,063,835; Dec. 8.
Material loading mechanism. J. A. Schinck. 2,063,403; Dec. 8.
Material, Method and apparatus for processing. C. W. Vogt. 2,063,066; Dec. 8.

Materials, Method and apparatus for drying solid subdivided. W. V. Coles and G. W. Riley. 2,063,792; Dec. 8.
Mattress making mechanism. T. B. O'Brien. 2,063,521; Dec. 8.
Mattresses, Method and apparatus for the manufacture of. T. B. O'Brien. 2,063,520; Dec. 8.
Maximum demand meter. R. O. Hamill. 2,063,735; Dec. 8.
Measuring device. P. A. Janssens. 2,063,605; Dec. 8.
Measuring device, Collable. H. A. Farrand. 2,063,422–3; Dec. 8.
Measuring device, Collable. J. Ottolini. 2,063,459; Dec. 8.
Mechanism for transmitting power. T. Ongaro. 2,063,117; Dec. 8.
Metal and glass, Apparatus for making articles of. F. J. Malloy. 2,063,109; Dec. 8.
Metal container. J. Dahl. 2,063,538; Dec. 8.
Metal container. W. W. Hodgson. 2,063,550; Dec. 8.
Metal container. W. F. Punte. 2,063,557; Dec. 8.
Metal shapes by hot hydraulic extrusion, Manufacture of extruded. S. W. Sparks. 2,063,562–3; Dec. 8.
Metal working machine. O. Probach. 2,063,339; Dec. 8.
Metalworking machine. H. W. Rupple. 2,063,831; Dec. 8.
Meter: *See*—
Maximum demand meter.
Mill: *See*—
Grinding mill.
Rolling mill.
Mixer: *See*—
Concrete mixer.
Mixer for de-airing clay. L. R. Pape and L. B. Knight, Jr. 2,063,266; Dec. 8.
Modulation system. N. M. Rust. 2,063,125; Dec. 8.
Moisture testing device. C. O. Fairchild and J. P. Henderson. 2,063,840; Dec. 8.
Motor: *See*—
Continuous torque impulse motor.
Spring motor.
Vibratory electrical motor.
Electric motor.
Mount, Spare wheel. C. L. Franklin. 2,063,598; Dec. 8.
Mounting, Clamped axis-locating engine unit. R. S. Trott and W. V. Thelander. 2,063,640; Dec. 8.
Mounting, Clamped C-spring power plant. R. S. Trott, B. A. Swennes, and K. Miller. 2,063,639; Dec. 8.
Mounting, Electrode. B. C. Mallck. 2,063,391; Dec. 8.
Mounting, Laminated rubber. E. O. Schjolin. 2,063,758; Dec. 8.
Mounting, Machine. W. E. Johnson. 2,063,682; Dec. 8.
Mounting, Ophthalmic. F. R. Bishop. 2,063,657; Dec. 8.
Mounting, Torque spring power plant. R. S. Trott, B. A. Swennes, and K. Miller. 2,063,638; Dec. 8.
Mower. R. S. Kinkead. 2,063,168; Dec. 8.
Mower, Lawn. J. A. Waller. 2,063,067–8; Dec. 8.
Mounting, Endless track. F. A. Fuller and T. A. Snyder. 2,063,035; Dec. 8.
Mounting, Eyed axis-locating engine unit. R. S. Trott and W. V. Thelander. 2,063,064; Dec. 8.
Mounting, Eyed C-spring powder plant. R. S. Trott, B. A. Swennes, and K. Miller. 2,063,063; Dec. 8.
Mucking and loading machine. S. L. Wixson and B. Williams. 2,063,214; Dec. 8.
Muffler, Fluid. H. H. Bixler. 2,063,658; Dec. 8.
Multistage hydraulic coupling. C. Stedefeld. 2,063,471; Dec. 8.
Music notation device, Elementary. C. H. Randolph. 2,063,269; Dec. 8.
Music reading, Device for teaching. A. F. Harbo. 2,063,501; Dec. 8.
Naphthalene derivatives. M. Wyler and R. W. Kersey. 2,063,211; Dec. 8.
Naphthalene polycarboxylic acid derivative and preparing the same. M. Wyler. 2,063,286; Dec. 8.
N-aralkyl-amino-phenols, Producing. M. A. Dahlen, R. C. Clarkson, and M. E. P. Friedrich. 2,063,151; Dec. 8.
Nebulizer. R. S. Paschall. 2,063,397; Dec. 8.
Necktie. J. W. Less. 2,063,512; Dec. 8.
Necktie and making the same. J. W. Less. 2,063,511; Dec. 8.
Necktie and the manufacture thereof. C. W. Nyström. 2,063,695; Dec. 8.
Newspaper sound record supplement. W. G. H. Finch. 2,063,870; Dec. 8.
Nipple, Nursing. E. Ferguson. 2,063,424; Dec. 8.
Nitrogen bases, Separation of. J. C. Stauffer. 2,063,564; Dec. 8.
Nozzle for ladles, Way of manufacturing fireproof. G. Heimer. 2,063,377; Dec. 8.
Nozzle for the dry spinning process, Spinning. H. Herzog. 2,063,435; Dec. 8.
Nozzles, Manufacturing turbine. C. R. Soderberg. 2,063,707; Dec. 8.
Nut washer, Self-locking. G. Miller. 2,063,181; Dec. 8.
Oil burner. M. A. S. Lavigne. 2,063,847; Dec. 8.
Oil burner, Nonclog atomized. J. T. Voorheis. 2,063,713; Dec. 8.
Oil conversion, Hydrocarbon. L. C. Huff. 2,063,505; Dec. 8.
Oil, Film treatment of. J. F. Wait. 2,063,860; Dec. 8.
Oil filter, Auto. I. I. Hance. 2,063,247; Dec. 8.
Oil in internal combustion engines, Cooling the lubricating. J. L. Barnes. 2,063,782; Dec. 8.
Oil, Lubricating. B. H. Lincoln. 2,063,880; Dec. 8.
Oil, Lubricating. W. L. Steiner. 2,063,857; Dec. 8.
Oil, Production of lubricating. M. Pier and E. Donath. 2,063,623; Dec. 8.
Oil, Refining petroleum. J. F. Walt. 2,063,861–2; Dec. 8.
Oil, Treatment of hydrocarbon. R. B. Day. 2,063,082; Dec. 8.
Oils, Conversion of hydrocarbon. J. C. Morrell. 2,063,112; Dec. 8.
Oils, Conversion of hydrocarbon. J. C. Morrell. 2,063,114; Dec. 8.
Oils, Process and apparatus for treating hydrocarbon. J. G. Alther. 2,063,072; Dec. 8.
Oils, Treatment of hydrocarbon. R. B. Day. 2,063,491; Dec. 8.
Oils, Treatment of hydrocarbon. G. Egloff and J. C. Morrell. 2,063,494; Dec. 8.
Oils, Treatment of hydrocarbon. J. C. Morrell. 2,063,113; Dec. 8.
Oils, Treatment of hydrocarbon. J. C. Morrell and G. Egloff. 2,063,517; Dec. 8.
Oils, Treatment of hydrocarbon. J. C. Morrell and G. Egloff. 2,063,518; Dec. 8.
Optical reduction sound printer. R. F. Brady. 2,063,867; Dec. 8.
Organic constituents from black liquor, Recovery of. R. H. McKee. 2,063,177; Dec. 8.
Orthopedic device. J. Mankinen. 2,063,818; Dec. 8.
Oscillations, Mechanical recording of. W. Six. 2,063,560; 2,063,560; Dec. 8.
Package machine. W. W. McCain. 2,063,392; Dec. 8.
Packing can. C. R. Cooper. 2,063,013; Dec. 8.
Packing gland. J. J. de la Roza, Sr. 2,063,368; Dec. 8.
Paint and varnish. C. Ellis. 2,063,541; Dec. 8.
Paint, Asphalt. T. C. Ford. 2,063,669; Dec. 8.
Parking device. P. Gangler. 2,063,241; Dec. 8.
Pavement structure and joint therefor. L. Day. 2,063,591; Dec. 8.
Pen for recording meters and the like. P. A. Nome. 2,063,458; Dec. 8.
Pencil, Mechanical. M. Stössel. 2,063,637; Dec. 8.
Perforating machine. J. W. Bryce. 2,063,481; Dec. 8.
pH control. D. K. Allison. 2,063,140; Dec. 8.
Phenols, Manufacture of oil-soluble polyhydric. C. P. Wilson, Jr. 2,063,212; Dec. 8.
Phenophthalein in mineral lubricating oils, Dispersing of. E. W. Adams. 2,063,575; Dec. 8.
Phenyl morpholines, Hydroxy. H. B. Pray. 2,063,191; Dec. 8.
Phonograph pick-up. E. L. Bowles. 2,063,225; Dec. 8.
Phosphates, Producing metal. J. H. Coleman and F. H. Coleman. 2,063,029; Dec. 8.
Photo amplifier arrangement. K. Schlesinger. 2,063,195; Dec. 8.
Photographic image, Making a colored. M. W. Seymour. 2,063,348; Dec. 8.
Photographic objective. W. Merté. 2,063,178; Dec. 8.
Photometric device. R. S. Hunter. 2,063,551; Dec. 8.
Piano, Miniature upright. G. H. Downing. 2,063,796; Dec. 8.
Pick, Musical instrument. L. P. Bell. 2,063,011; Dec. 8.
Pick, Nut. C. W. Weise. 2,063,136; Dec. 8.
Pickling chain. J. S. Anderson. 2,063,017; Dec. 8.
Pie loosener, cutter, and remover. G. Missiaen. 2,063,327; Dec. 8.
Pigments, Chrome. E. Lederle. 2,063,254; Dec. 8.
Pile. W. Austermühle. 2,063,142; Dec. 8.
Pile. E. Becker. 2,063,146; Dec. 8.
Piling section. A. Borberg. 2,063,293; Dec. 8.
Piloting system, Automatic. M. Wallace. 2,063,534; Dec. 8.
Pipe cleaning device. F. R. Sutfin and C. Cailliau. 2,063,205; Dec. 8.
Pipe cutting machine. C. E. Glick. 2,063,498; Dec. 8.
Pipe wrench. V. Barton. 2,063,220; Dec. 8.
Pipe wrench. J. V. Larson. 2,063,318; Dec. 8.
Piston. E. E. Cater. 2,063,724; Dec. 8.
Piston assembly. C. Schindler. 2,063,464; Dec. 8.
Plant protective device. H. W. Muller. 2,063,822; Dec. 8.
Plate, Advertising. R. G. Mooney. 2,063,553; Dec. 8.
Pliers. P. Vertes. 2,063,532; Dec. 8.
Plowshare edge, Removable. R. P. Lier. 2,063,688; Dec. 8.
Plug connecter with interchangeable fuses. S. Brody. 2,063,723; Dec. 8.
Plunger, Pump. G. A. Hatfield. 2,063,160; Dec. 8.
Portable table. G. W. Mattson. 2,063,819; Dec. 8.
Presser-plate for clutches. G. E. Stanley. 2,063,203; Dec. 8.
Pressure indicating wrench. K. Pfeiffer. 2,063,622; Dec. 8.
Pressure measuring device. C. Johnson. 2,063,313; Dec. 8.
Primer for internal combustion engines, Automatic. J. W. FitzGerald. 2,063,087; Dec. 8.
Printing mechanism. H. H. Keen. 2,063,508; Dec. 8.
Printing plates, Dampening. B. D. Stevens and B. L. Sites. 2,063,636; Dec. 8.
Printing plates, Method and apparatus for making. M. D. McFarlane and G. Kinn. 2,063,614; Dec. 8.
Process and mold for molding plastic compositions. J. G. Wheway. 2,063,355; Dec. 8.

Protective system for railways. W. M. Post. 2,063,336; Dec. 8.
Pump: *See*—
Deep well pump.
Diffusion vacuum pump.
Electrical vacuum pump.
Fluid pump.
Pump and compressor, Rotary. P. M. F. M. Roy. 2,063,194; Dec. 8.
Punch, Card. C. O. Wellman. 2,063,475; Dec. 8.
Punching and riveting machine, Combined. W. E. Marchant. 2,063,691; Dec. 8.
Purifier for drinking water. O. E. Andrus. 2,063,778; Dec. 8.
Radiator core. L. P. Saunders. 2,063,757; Dec. 8.
Radio and improved back therefor. J. Solowinski, Jr. 2,063,527; Dec. 8.
Radio frequency control system. A. H. Turner. 2,063,413; Dec. 8.
Radio receiver. R. A. Braden. 2,063,295; Dec. 8.
Radio set control. E. C. Booth. 2,063,866; Dec. 8.
Radio signaling system. L. E. Barton. 2,063,290; Dec. 8.
Radio transmitting system. E. H. Armstrong. 2,063,074; Dec. 8.
Rail joint bars, Shaping. G. Langford. 2,063,386; Dec. 8.
Rail joint, Repairing a. G. Langford. 2,063,387; Dec. 8.
Range. G. D. Wilkinson and E. D. Pellegrin. 2,063,647; Dec 8.
Range, Combination. H. Lange. 2,063,846; Dec. 8.
Range, Gas. F. J. Bast and R. A. Skinner. 2,063,834; Dec. 8.
Razor blade sharpening fixture. F. E. Dare 2,063,539; Dec. 8.
Razor, Electrically heated safety. T. J. and L. Henderson. 2,063,808; Dec. 8.
Razor, Safety. F. M. S. Pennachini. 2,063,523; Dec. 8.
Reamer. E. J. Pohlman. 2,063,753; Dec. 8.
Receptacle: *See*—
Waste receptacle.
Receptacle. W. P. Schickel. 2,063,525; Dec. 8.
Receptacle and closure therefor A. L. Merolle. 2,063,615; Dec. 8.
Recorder: *See*—
Telephone message recorder.
Reel: *See*—
Encased reel.
Reel construction, Rotary fluid-conducting hose. J. A. Jensen. 2,063,843; Dec. 8.
Refractory composition, Fused. G. J. Easter and C. McMullen. 2,063,154; Dec. 8.
Refrigerant distributor. A. F. Hoesel. 2,063,380; Dec. 8.
Refrigerating apparatus. A. A. Kucher. 2,063,171; Dec. 8.
Refrigerating apparatus. R. L. Tweedale. 2,063,208; Dec. 8.
Refrigerating system. H. B. Hull. 2,063,039; Dec. 8.
Refrigerating system, Absorption type. A. R. Thomas. 2,063,276; Dec. 8.
Refrigeration. H. K. Bergholm. 2,063,292; Dec. 8.
Refrigeration. A. F. Evers, Jr. 2,063,496; Dec. 8.
Refrigeration. A. A. Kucher. 2,063,745; Dec. 8.
Refrigeration. A. R. Thomas. 2,063,353; Dec. 8.
Register, Autographic. V. W. Garwood. 2,063,670; Dec. 8.
Register, Autographic. A. G. Traeder. 2,063,710; Dec. 8.
Regulator: *See*—
Stock regulator.
Transformer voltage regulator.
Relay, Electric. H. Leben. 2,063,447; Dec. 8.
Release for hair curlers. T. I. Moseley. 2,063,519; Dec. 8.
Remote control system. H. S. Young. 2,063,215; Dec. 8.
Reproducer and amplifier, Time controlled. P. Koenig. 2,063,385; Dec. 8.
Reproducing figure. A. Sofo. 2,063,561; Dec. 8.
Resin from trees, Obtaining. M. Hessenland and R. Bütticher. 2,063,163; Dec. 8.
Resins containing nitrogen. C. H. Greenewalt. 2,063,158; Dec. 8.
Resins, Preparation of cast. G. M. Kuettel. 2,063,815; Dec. 8.
Resistor. H. Pender. 2,063,826; Dec. 8.
Resistor. H. A. Williams. 2,063,357; Dec. 8.
Respiration method and apparatus. E. I. McKesson. 2,063,043; Dec. 8.
Respirator. D. H. Roche. 2,063,053; Dec. 8.
Reversing mechanism for dry gas meters. W. Holm. 2,063,164; Dec. 8.
Road joint forming means and constructions making use thereof. F. O. Parker. 2,063,749; Dec. 8.
Roads, Making. J. F. Robb. 2,063,400; Dec. 8.
Roasting machine F. G. Lanzi and M. Holny. 2,063,446; Dec. 8.
Rod: *See*—
Towel rod.
Rod line adjuster, Automatic. W. S. Geary. 2,063,802; Dec. 8.
Roll. A. C. Lade. 2,063,608; Dec. 8.
Roll and making the same. D. Lewis. 2,063,815; Dec. 8.
Roll grinding machine. C. G. Flygare and H. B. Friberg. 2,063,668; Dec. 8.
Rolls, Surfacing of inking. B. W. Hubbard. 2,063,037; Dec. 8.
Roller rock bit. A. C. Catland. 2,063,012; Dec. 8.
Rolling mill. L. Iversen. 2,063,810; Dec. 8.
Roofing unit and making the same. J. H. Plunkett. 2,063,268; Dec. 8.
Room front construction for sand blasting apparatus. W. A. Rosenberger. 2,063,054; Dec. 8.
Rotary tube furnace. C. P. Débuch. 2,063,233; Dec. 8.
Rotproof materials from cellulose fibers. F. Siefert and H. Kaemmerer. 2,063,272; Dec. 8.
Rubber and preparing the same, Aqueous dispersions of hydrogenated. A. M. Alvarado. 2,063,073; Dec. 8.
Rupture supporting device. J. G. Homan. 2,063,882; Dec. 8.
Safety device for boilers, Low water. H. J. Findley. 2,063,873; Dec. 8.
Safety gas valve. J. P. Isaacs. 2,063,809; Dec. 8.
Salts and using them, Siccative metal. H. A. Bruson and O. Stein. 2,063,838; Dec. 8.
Salts of acridinium bases and preparing them. M. Bockmühl and L. Stein. 2,063,865; Dec. 8.
Sand discharging apparatus for vehicles. L. E. W. Montrose-Oster. 2,063,395; Dec. 8.
Sander for vehicles, Road. R. L. Bowman. 2,063,294; Dec. 8.
Sander trap. C. W. Ploen. 2,063,050; Dec. 8.
Saw attachment. J. N. Alexander. 2,063,139; Dec. 8.
Saw handle. C. R. Spearin. 2,063,766; Dec. 8.
Saw-tooth protractor. A. T. Wozny. 2,063,776; Dec. 8.
Scale. E. J. Von Pein. 2,063,712; Dec. 8.
Scalp invigorator. W. P. and H. J. Farnon. 2,063,084; Dec. 8.
Screw driver handle. M. G. Zongaro. 2,063,419; Dec. 8.
Sealing machine. C. Eisler. 2,063,235; Dec. 8.
Seat: *See*—
Chair seat.
Seat base, Rotating car. S. Hendrickson and J. Leger. 2,063,674; Dec. 8.
Seismic waves, Recording. K. L. McHenry. 2,063,820; Dec. 8.
Self-centering device. R. L. Hibbard. 2,063,741; Dec. 8.
Separator: *See*—
Centrifugal separator.
Steam and water separator.
Service connecter. G. J. Meuer and R. A. Millermaster. 2,063,044–5; Dec. 8.
Setting out machine. W. C. Johnson. 2,063,101; Dec. 8.
Setting-up mechanism. M. Burger. 2,063,364; Dec. 8.
Sewing machine. W. Myers. 2,063,264; Dec. 8.
Sewing machine frame. H. J. Goosman. 2,063,841; Dec. 8.
Sewing machines, Attachment for. J. D. Karle. 2,063,844–5; Dec. 8.
Sewing machines, Differential work-feeder for. F. Ebert. 2,063,664; Dec. 8.
Sewing machines, Hem-folding and shaping device for. J. E. Ackerman. 2,063,833; Dec. 8.
Sewing machines, Rug-making attachment for. H. Perkons. 2,063,267; Dec. 8.
Sewing machines, Take-up mechanisms for. M. L. Waterman. 2,063,280; Dec. 8.
Shears or the like, Mechanism for and method of spraying glass-cutting. K. E. Peller and D. K. Morgan. 2,063,849; Dec. 8.
Sheet feeding mechanism. F. R. Belluche. 2,063,479; Dec. 8.
Sheets for welding, Apparatus for preparing. C. Firth. 2,063,798; Dec. 8.
Shield. X-ray tube. M. Morrison. 2,063,329; Dec. 8.
Shielding device. J. M. Bowman. 2,063,786; Dec. 8.
Shift-release device for typewriters, Automatic. F. Eibert. 2,063,372; Dec. 8.
Shirt arrangement. L. P. G. Madsen and G. A. Wallin. 2,063,255; Dec. 8.
Shock absorber, Hydraulic. R. F. Peo. 2,063,619; Dec. 8.
Shoe. I. B. Calvin. 2,063,227; Dec. 8.
Shoe bottoms, Apparatus for applying pressure to. L. G. Knowles. 2,063,041; Dec. 8.
Shoe cleaning device. L. Rose. 2,063,123; Dec. 8.
Shoe, Doll. T. W. Braitling. 2,063,660; Dec. 8.
Shoe heel structure. M. Mauser. 2,063,042; Dec. 8.
Shoe rasping device. W. C. Card, Jr. 2,063,484; Dec. 8.
Shoe, Stitch-down. H. A. Scholz. 2,063,633; Dec. 8.
Shoe stretcher. W. H. Dutton. 2,063,370; Dec. 8.
Shoes, Making. C. T. Anderson. 2,063,141; Dec. 8.
Shoes, Making. J. C. Lisbon, Sr. 2,063,175; Dec. 8.
Shoes, Manufacture of. G. H. Nichols. 2,063,186; Dec. 8.
Shoes, Stiffening. S. P. Lovell. 2,063,690; Dec. 8.
Shovel. M. W. Washington. 2,063,774; Dec. 8.
Sicentive composition and making same. C. Ellis. 2,063,869; Dec. 8.
Sifter, Flour. B. G. Hall. 2,063,499; Dec. 8.
Signal: *See*—
Electrically operated signal.
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Signal for fluid delivery hose, Whistling. W. T. Oxley. 2,063,696; Dec. 8.
Signaling system. A. A. Linsell. 2,063,610; Dec. 8.
Silencer for internal combustion engines. G. Bacchetti-Righetti. 2,063,270; Dec. 8.
Sink and laundry tub. W. C. Groeniger. 2,063,243; Dec. 8.

Sizer and cutter, Combination feed. J. L. Selman. 2,063,404; Dec. 8.
Slide fastener. S. H. Norton. 2,063,879; Dec. 8.
Sling, Hoisting. C. H. Jolly. 2,063,040; Dec. 8.
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Slugs of extruded material, Apparatus for producing. H. J. Pleines. 2,063,119; Dec. 8.
Smoking stand. W. J. Campbell. 2,063,581; Dec. 8.
Socket, Radio tube. A. W. Franklin. 2,063,731; Dec. 8.
Soil moving machine. E. V. Collins. 2,063,584; Dec. 8.
Solvent extraction of wax-bearing oils. S. H. Digge and J. M. Page, Jr. 2,063,360; Dec. 8.
Sound-on-film apparatus. C. Tappan. 2,063,566; Dec. 8.
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Sound, Reproduction of. C. F. Bischoff and A. Herckmans. 2,063,148; Dec. 8.
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Speed control of landing gear wheels on aeroplanes. C. D. Fator. 2,063,032; Dec. 8.
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Spring suspension. M. Olley. 2,063,747; Dec. 8.
Sprinkler, Lawn. L. E. Holland. 2,063,381; Dec. 8.
Stabilizing device for vehicles. J. Martin-Binachon. 2,063,719; Dec. 8.
Stamp, Safety revenue, postage, and like. A. A. Wittnebel. 2,063,071; Dec. 8.
Stanchion. J. Murphy. 2,063,263; Dec. 8.
Stand: *See*—
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Stapling apparatus. H. T. Scott. 2,063,345; Dec. 8.
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Steam and water separator. J. Fletcher. 2,063,425; Dec. 8.
Steam cooling device, Superheated. H. J. Kerr. 2,063,441; Dec. 8.
Steering of ships, Automatic. E. Smola. 2,063,765; Dec. 8.
Stiffness of flexible materials, Apparatus for measuring. R. F. Taber. 2,063,275; Dec. 8.
Stock regulator. W. P. Feeney. 2,063,595; Dec. 8.
Stoker, Underfeed. G. M. Seaman. 2,063,347; Dec. 8.
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Stove burner mechanism, Oil. W. T. Bradbury. 2,063,722; Dec. 8.
Stove construction. L. J. Hausser. 2,063,376; Dec. 8.
Strap for covers or the like, Retaining. J. C. Marselius. 2,063,256; Dec. 8.
Street-lamp. G. B. and G. F. Heath. 2,063,095; Dec. 8.
Stretcher, Sleeve. H. A. Johnston. 2,063,683; Dec. 8.
Strings or sheets of asphalt, Forming. J. S. Downard. 2,063,663; Dec. 8.
Stripper, Ingot. C. L. Bigler and H. W. Ball. 2,063,656; Dec. 8.
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Suction cleaner. C. H. Sparklin. 2,063,061–2; Dec. 8.
Supervisory apparatus. L. A. Sharp. 2,063,349; Dec. 8.
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Supporter, Hose. M. Gordon. 2,063,429; Dec. 8.
Supporting and advertising or display device for persons standing in public vehicles. L. Singer. 2,063,273; Dec. 8.
Suspenders, Trousers. S. M. Friedman. 2,063,089; Dec. 8.
Sweeper brush drive mechanism, Carpet. F. W. Pullen. 2,063,192; Dec. 8.
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Switch relay, Mercury. C. H. Larson. 2,063,609; Dec. 8.
Switching and signaling mechanism. A. K. Andriano. 2,063,009; Dec. 8.
Table: *See*—
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Tablet dispensing box. F. J. O'Brien. 2,063,556; Dec. 8.
Tabs, Making garter. L. H. Bardach and N. H. Curtiss. 2,063,019; Dec. 8.
Tabulating machine. J. W. Bryce. 2,063,482; Dec. 8.
Tabulating machine. F. M. Carroll. 2,063,486; Dec. 8.
Tabulating machine. F. M. Carroll. 2,063,487; Dec. 8.
Tabulating machine. R. E. Paris. 2,063,118; Dec. 8.
Take-up device. E. E. Ehrlich. 2,063,234; Dec. 8.
Target trap. H. E. Winans. 2,063,284; Dec. 8.
Telephone call system. J. H. Rouse. 2,063,830; Dec. 8.
Telephone message recorder. R. F. Mallina. 2,063,323; Dec. 8.
Television receiver. F. von Okolicsanyi. 2,063,643; Dec. 8.
Temperatures stresses in metallic structures and product thereof, Minimizing. N. R. McLeod. 2,063,325; Dec. 8.
Tensioning device for antiskid armor. L. E. and J. K. Johnson and B. H. Shaver. 2,063,439; Dec. 8.
Terracing and grading attachment for tractors. G. A. Beard. 2,063,537; Dec. 8.
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Thermionic tube. H. W. Parker and N. A. Yorke. 2,063,188; Dec. 8.
Thermocouple. O. Hermann. 2,063,097; Dec. 8.
Thermostat valve mechanism. F. H. Schoenfeld. 2,063,465; Dec. 8.
Thermostatic valve. H. M. de Rochemont. 2,063,592; Dec. 8.
Threads and the like, Apparatus for making cored. R. F. Roberts, W. H. Kimpton and R. M. Dingley. 2,063,755; Dec. 8.
Threads on bobbins, Winding natural silk. W. Wilke. 2,063,282; Dec. 8.
Throttle control mechanism. L. C. Daniels. 2,063,794–5; Dec. 8.
Tile walls, Moving and resetting. E. Olsen. 2,063,748; Dec. 8.
Tillage implement. C. T. Ray. 2,063,051; Dec. 8.
Tillage implement. C. T. Ray. 2,063,851–2; Dec. 8.
Time service system. D. H. Myers. 2,063,184; Dec. 8.
Tire alarm, Pneumatic. M. C. French. 2,063,871; Dec. 8.
Tire carrier. J. J. Croden. 2,063,092; Dec. 8.
Tire cover, Pneumatic. F. G. W. King. 2,063,105; Dec. 8.
Tire pressure indicating system. J. W. McDonnell. 2,063,452; Dec. 8.
Tire vulcanizing apparatus. H. K. Wheelock. 2,063,069; Dec. 8.
Tobacco. R. P. Allen. 2,063,014; Dec. 8.
Toggle switch. C. I. Smith. 2,063,200; Dec. 8.
Token. R. B. Wiggins. 2,063,356; Dec. 8.
Tool: *See*—
Box ending tool. Lasting tool.
Burnishing tool.
Tool adjusting mechanism, Cylinder grinding. H. W. Zimmerman. 2,063,217; Dec. 8.
Tool for and method of producing gears. A. L. De Leeuw. 2,063,492; Dec. 8.
Toothbrush. M. W. Gano, Jr. 2,063,801; Dec. 8.
Total taking mechanism. G. F. Daly. 2,063,489; Dec. 8.
Towel rod. C. S. Comstock. 2,063,585; Dec. 8.
Track circuit apparatus, Railway. A. E. Dodd. 2,063,300; Dec. 8.
Track structure, Endless. E. H. Schultz. 2,063,762; Dec. 8.
Traffic light. K. E. Fenton and H. B. Smith. 2,063,305; Dec. 8.
Transfer material such as carbon paper. R. Braunstein. 2,063,226; Dec. 8.
Transformer voltage regulator. O. P. McCarty. 2,063,693; Dec. 8.
Transmission and modulating arrangement. K. Schlesinger, 2,063,196; Dec. 8.
Transmission system. N. C. Norman. 2,063,334; Dec. 8.
Transmitter. H. Chiroix. 2,063,582; Dec. 8.
Transmitter, Call. H. W. Goff. 2,063,308; Dec. 8.
Transmitting system. J. R. H. von Wedel. 2,063,278; Dec. 8.
Transom operator. E. E. Koenig and W. G. Hult. 2,063,883; Dec. 8.
Trap: *See*—
Insect trap. Target trap.
Sander trap.
Traveling cleaner. W. B. Hodge. 2,063,874; Dec. 8.
Triisopropyl-naphthalene-beta-sulphonic acid compounds and preparing them. H. J. Weiland and M. A. Prahl. 2,063,416; Dec. 8.
Trimming. C. S. Clinch, Sr. 2,063,299; Dec. 8.
Trolley collector. A. W. Baumgarten and H. S. Pardee. 2,063,291; Dec. 8.
Trolley system. O. Conradty. 2,063,150; Dec. 8.
Trousers display fixture. G. C. Spencer. 2,063,767; Dec. 8.
Truck. W. C. Hedgcock and H. C. Keysor. 2,063,739; Dec. 8.
Truck assembly for wheel vehicles, Independent. H. F. Flowers. 2,063,545; Dec. 8.
Trunk and luggage carrier, Combination. A. A. Arndt. 2,063,478; Dec. 8.
Tube: *See*—
Drinking tube. Thermionic tube.
Tubes, Manufacture of. C. W. Littler. 2,063,689; Dec. 8.
Tubular article. B. B. Kendig. 2,063,607; Dec. 8.
Turbine plant. A. Hänschke. 2,063,094; Dec. 8.
Turf forking apparatus, Power driven. B. Nolte. 2,063,333; Dec. 8.
Two-cycle engine. G. Exel. 2,063,666; Dec. 8.
Two-cycle engine. M. Mallory. 2,063,817; Dec. 8.
Typewriting and computing machine, Combined. F. A. Hart. 2,063,737; Dec. 8.
Typewriting machine. R. G. Thompson. 2,063,530; Dec. 8.
Umbrella. L. Raab and H. Karcher. 2,063,624; Dec. 8.
Underfloor duct box. H. S. Walker. 2,063,569; Dec. 8.
Utensil, Kitchen. M. Greene and L. Udey. 2,063,432; Dec. 8.

Vacuum cleaning device. C. Kühnel. 2,063,253; Dec. 8.
Valve: *See*—
Air brake control valve. Lock valve.
Drill pipe float valve. Safety gas valve.
Filler valve. Thermostatic valve.
Lavatory drain valve.
Valve bodies, Making. S. W. Sparks. 2,063,528; Dec. 8.
Valve construction. J. C. Schellin. 2,063,699; Dec. 8.
Valve mechanism. L. D. Barner. 2,063,655; Dec. 8.
Valve mechanism. W. Noble. 2,063,047; Dec. 8.
Valve protective system, Electric. E. Fässler. 2,063,237; Dec. 8.
Valve rectifying system, Electric. C. H. Willis. 2,063,648; Dec. 8.
Valve structure. H. R. McPhail. 2,063,111; Dec. 8.
Valve structure, Thermostat. A. Peteler. 2,063,621; Dec. 8.
Valves in internal combustion engines, Cooling the. A. Baj. 2,063,779; Dec. 8.
Varnish compositions, Synthetic resin. C. L. Gabriel. 2,063,239–40; Dec. 8.
Vault, Burial. R. S. Donahey. 2,063,421; Dec. 8.
Vault, Burial. A. Gundlach. 2,063,806; Dec. 8.
Vehicle and construction. W. M. Sheehan. 2,063,058; Dec. 8.
Vehicle construction. N. P. Larsen. 2,063,388; Dec. 8.
Vending machine and control mechanism therefor. F. K. Maitland. 2,063,108; Dec. 8.
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Ventilating device for cars. N. L. Willer. 2,063,283; Dec. 8.
Ventilator: *See*—
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Vibrating drive. B. B. Lacy. 2,063,509; Dec. 8.
Vibration indicator. E. J. Schnaitter. 2,063,127; Dec. 8.
Vibration recording instrument. V. E. Carbonara. 2,063,790; Dec. 8.
Vibratory electrical motor. E. N. Nordhem. 2,063,110; Dec. 8.
Wagon and sled, Combined. F. G. Ruf. 2,063,627; Dec. 8.
Wall construction. C. F. Neergaard. 2,063,115; Dec. 8.
Wall, Retaining. S. L. Ravier. 2,063,558; Dec. 8.
Warning signal generator. A. F. Gillet. 2,063,872; Dec. 8.
Washer: *See*—
Nut washer.
Washing machine. D. A. Meeker. 2,063,746; Dec. 8.
Waste and overflow for bathtubs and basins. F. H. Rasmussen. 2,063,399; Dec. 8.
Waste receptacle. A. S. Karper. 2,063,507; Dec. 8.
Wave demodulator, Phase or amplitude modulated. M. G. Crosby. 2,063,588; Dec. 8.
Wave generation system. R. Gürtler. 2,063,307; Dec. 8.
Wave transmitting system, Single. W. M. Hahnemann. 2,063,500; Dec. 8.
Weaving device. A. B. Collingbourne. 2,063,726; Dec. 8.
Web splicing device. H. C. Jordhoy and C. L. Ricards. 2,063,384; Dec. 8.
Web splicing device. H. A. W. Wood. 2,063,359; Dec. 8.
Web supply mechanism. A. J. Horton. 2,063,098; Dec. 8.
Welding and cutting apparatus. G. T. Southgate. 2,063,467; Dec. 8.
Welding apparatus. W. H. Martin. 2,063,258; Dec. 8.
Welt. W. J. MacLeod. 2,063,611; Dec. 8.
Wheel: *See*—
Abrasive wheel. Wind wheel.
Wheel and axle assembly. W. C. Hedgcock. 2,063,738; Dec. 8.
Wheel construction, Fifth. C. G. Seyferth. 2,063,405; Dec. 8.
Wind wheel. E. D. Hale. 2,063,549; Dec. 8.
Window structure. E. G. La Fontaine. 2,063,316; Dec. 8.
Window ventilator. E. W. Friedholdt, Jr. 2,063,546; Dec. 8.
Wing, Small-aspect-ratio. S. P. Nemeth. 2,063,456; Dec. 8.
Wiper, Windshield. H. Harvey and S. Malis. 2,063,375; Dec. 8.
Wiper, Windshield. W. B. Shaw. 2,063,055; Dec. 8.
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Pipe wrench.
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X-ray apparatus. H. Linke and W. M. Priest. 2,063,878; Dec. 8.

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U. S. GOVERNMENT PRINTING OFFICE: 1936

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Addressograph-Multigraph Corporation, Euclid Village, Cleveland, Ohio. Chemicals for use in planographic printing. Serial No. 382,997; Dec. 15. Class 6.

Adelman, Arthur, doing business as Continental Undergarment Co., Brooklyn, N. Y. Ladies' panties. Serial No. 383,289; Dec. 15. Class 39.

Airflow Blade Company, Cleveland, Ohio. Razor blades. Serial No. 382,332; Dec. 15. Class 23.

Akalyn Company, The, New Orleans, La. Medicinal preparation. Serial No. 383,708; Dec. 15. Class 6.

Allen, Mark W., & Co., Detroit, Mich. Astringents, astringent cerates, beauty creams, etc. Serial No. 382,415; Dec. 15. Class 6.

Allied Mills, Inc., Chicago, Ill. Dog food. Serial No. 383,710; Dec. 15. Class 46.

American Art Clay Company, Indianapolis, Ind. White and colored chalk and oil crayons. Serial No. 382,299; Dec. 15. Class 37.

American Artists' Color Works Inc., Brooklyn, N. Y. Concentrated paste paint. Serial No. 384,837; Dec. 15. Class 16.

American Creolol Company, Latrobe, Pa. Germicides, disinfectants, deodorants, etc. Serial No. 383,248; Dec. 15. Class 6.

American Stores Company, Philadelphia, Pa. Coffee. Serial No. 384,364; Dec. 15. Class 46.

American Valve & Meter Company, The, Cincinnati, Ohio. Railway hydrant water-servicing columns and valves and parts therefor. Serial No. 384,609; Dec. 15. Class 13.

American Woolen Company, New York, N. Y. Woolen goods. Serial Nos. 383,669–70; Dec. 15. Class 42.

Atkins Popcorn Company. (See Carbon Peanut Company, Inc.)

Baird, Mary E., Port Chester, N. Y. Distilled gin. Serial No. 385,082; Dec. 15. Class 49.

Barber, Frank, New York, N. Y. Cloaks, overcoats, sweaters, etc. Serial No. 378,513; Dec. 15. Class 39.

Barrett Company, The, New York, N. Y. Oil used in the processing and treatment of rubber. Serial No. 384,366; Dec. 15. Class 6.

Basic Dolomite, Incorporated, Cleveland, Ohio. Prepared mineral ingredients. Serial No. 383,617; Dec. 15. Class 1.

Baylis, Walter S., Los Angeles, Calif. Activated fuller's earth. Serial No. 383,001; Dec. 15. Class 1.

Baylis, Walter S., Los Angeles, Calif. Activated fuller's earth. Serial No. 383,157; Dec. 15. Class 1.

Beech-Nut Packing Company, Canajoharie, N. Y. Crackers. Serial No. 384,112; Dec. 15. Class 46.

Benediktiner-Abtei Ettal, Ettal, Germany. Liqueurs or cordials. Serial No. 363,787; Dec. 15. Class 49.

Bird, M. T., & Co., Incorporated, Boston, Mass. Fibrous pulp coasters. Serial No. 384,115; Dec. 15. Class 50.

Blactol Remedy Co. (See Buckmaster, Atwood.)

Blum, Philip, & Company, Inc., Chicago, Ill. Rum. Serial No. 385,209; Dec. 15. Class 49.

Bobrick Dispenser Co. (See Feinson, MacB.)

Branfleet, Honolulu, Territory of Hawaii. Bathing suits, slacks, shirts, etc. Serial No. 379,986; Dec. 15. Class 39.

Brown Durrell Co., Boston, Mass., and New York, N. Y. Hosiery, underwear, bathing suits, etc. Serial No. 384,367; Dec. 15. Class 39.

Buckingham Corporation, The, Wilmington, Del., and New York, N. Y. Whiskey. Serial No. 384,501; Dec. 15. Class 49.

Buckmaster, Atwood, doing business as Blactol Remedy Co., Montpelier, Ind. Medicinal preparations. Serial No. 378,312; Dec. 15. Class 6.

Burroughs Adding Machine Company, Detroit, Mich. Business machines. Serial No. 367,890; Dec. 15. Class 26.

Burroughs Adding Machine Company, Detroit, Mich. Typewriters including platen twirlers, rubber feet, and rubber key tops. Serial No. 381,554; Dec. 15. Class 23.

Burry Biscuit Corporation, Linden, N. J. Crackers. Serial No. 384,192; Dec. 15. Class 46.

Buttner, Henen C., doing business as The Kwality Kids, Twin Falls, Idaho. Potatoes and onions. Serial No. 384,189; Dec. 15. Class 46.

Cannon Shoe Company, Baltimore, Md. Lingerie. Serial No. 384,369; Dec. 15. Class 39.

Carbon Peanut Company, Inc., doing business as Atkins Popcorn Company, Dallas and Carbon, Tex. Peanuts and popcorn. Serial No. 383,085; Dec. 15. Class 46.

Carey, Philip, Manufacturing Company, The, Lockland, Ohio. Thermal insulating cement. Serial No. 383,256; Dec. 15. Class 12.

Carol, Kitty, Lingerie Co., San Antonio, Tex. Women's clothing. Serial No. 381,605; Dec. 15. Class 39.

Carson Pirie Scott & Company, Chicago, Ill. Sheets and pillow cases. Serial No. 384,448; Dec. 15, Class 42.

Cavendish Trading Corporation, New York, N. Y. Blankets, sheeting, comfortables, etc. Serial No. 382,036; Dec. 15. Class 42.

Celanese Corporation of America, New York, N. Y. Yarns. Serial No. 384,580; Dec. 15. Class 43.

Certain-Teed Products Corporation, New York, N. Y. Composition wall boards, gypsum wall boards and lath, etc. Serial No. 380,860; Dec. 15. Class 12.

Chocolat Suchard Societe Anonyme, Neuchatel, Switzerland. Cocoa, chocolate, chocolate candy, etc. Serial No. 377,300; Dec. 15. Class 46.

Christiana Machine Company, Christiana, Pa. Brake drums. Serial No. 384,071; Dec. 15. Class 19.

Cinema Magazine Inc., New York, N. Y. Periodical magazine. Serial No. 384,581; Dec. 15. Class 38.

Clark-Coleman Coal & Coke Co., Peoria, Ill. Coal and coke. Serial No. 383,675; Dec. 15. Class 1.

Cochran, Jacqueline, doing business as Jacqueline Cochran Beauty Salon and J. C. Laboratories, Chicago, Ill., and Roselle, N. J. Cosmetics and beauty preparations. Serial No. 378,977; Dec. 15. Class 6.

Colgate-Palmolive-Peet Company, Jersey City, N. J. Face powder. Serial No. 384,195; Dec. 15. Class 6.

Comolite Corporation, Long Island City, N. Y. Blended briar smoking pipes. Serial No. 381,394; Dec. 15. Class 8.

Con-Ferro Paint and Varnish Company, The, St. Louis, Mo. Paints, paint enamels, and varnishes. Serial No. 380,986; Dec. 15. Class 16.

Consolidated Hat Stores, Ltd., Los Angeles, Calif. Socks, shirts, and underclothing. Serial No. 356,282; Dec. 15. Class 39.

Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis. Book papers, rotogravure and news print paper. Serial No. 383,987; Dec. 15. Class 37.

Continental Undergarment Co. (See Adelman, Arthur.)

Crown Can Company, Philadelphia, Pa. Metal cans. Serial No. 383,721; Dec. 15. Class 2.

Crown Manufacturing Company. (See Supplee-Biddle Hardware Co.)

Cuban Health Products, Inc., Lansing, Mich. Cuban honey. Serial No. 385,133; Dec. 15. Class 46.

Daniels Manufacturing Company, Rhinelander, Wis. Paper napkins and doilies. Serial No. 384,282; Dec. 15. Class 37.

Darling & Company, Chicago, Ill. Bags. Serial No. 383,988; Dec. 15. Class 2.

Dunrite Trouser Company, New York, N. Y. Boys' pants and sport jackets. Serial Nos. 384,074–5; Dec. 15. Class 39.

Eagle Clothes, New York, N. Y. Topcoats and overcoats. Serial No. 384,737; Dec. 15. Class 39.

Eastyarn, Inc., Brooklyn, N. Y. Yarns. Serial No. 377,384; Dec. 15. Class 43.

Eaton Detroit Metal Company, Cleveland, Ohio. Combined carbonating and dispensing receptacle for liquids. Serial No. 383,837; Dec. 15. Class 2.

Ekstrand Mfg. Co. Inc., New York, N. Y. Ash trays, ash receivers, cigar and cigarette rests, etc. Serial No. 377,291; Dec. 15. Class 8.

Elby Extract Co., Inc., New York, N. Y. Alcoholic bitters. Serial No. 370,918; Dec. 15. Class 49.

Elma Products Company, Norwalk, Conn. Vehicular accessories. Serial No. 378,134; Dec. 15. Class 19.

Equipment News, Inc., Chicago, Ill. Publication. Serial No. 384,202; Dec. 15. Class 38.

Evans, Seager, & Co. Limited, London, England. Whiskey. Serial No. 385,111; Dec. 15. Class 49.

Faber, A. W., Inc., Newark, N. J. Erasers. Serial No. 382,209; Dec. 15. Class 37.

Fawcett, Frederick J., Boston, Mass. Yarns. Serial No. 383,611; Dec. 15. Class 43.

Federal Razor Blade Company, The, Newark, N. J. Razor blades. Serial No. 382,508; Dec. 15. Class 23.

Federal Razor Blade Company, The, Newark, N. J. Razor blades. Serial No. 384,656; Dec. 15. Class 23.

Fehr, Frank, Brewing Company, Incorporated, Louisville, Ky. Ale. Serial No. 384,520; Dec. 15. Class 48.

Feinson, Mac B., doing business as Bobrick Dispenser Co., New York, N. Y. Lather soap dispensers. Serial No. 384,204; Dec. 15. Class 13.

Fields, Mary, doing business as Le Continent et Cie., Chicago, Ill. Face creams, face lotions, face tonics, etc. Serial No. 373,336; Dec. 15. Class 6.

Filtrol Corporation, Los Angeles, Calif. Chemically treated bentonite. Serial No. 384,205; Dec. 15. Class 6.

Fisher, Louis L., doing business as Smooth Foot Co., Los Angeles, Calif. Chemical preparation for the removal of corns and callouses. Serial No. 381,981; Dec. 15. Class 6.
Fletcher, Edgar G., Cincinnati, Ohio. Membraneous and rubber prophylactic articles. Serial No. 379,044; Dec. 15. Class 44.
Ford, Frank R., Limited, Small Heath, England. Duplicating, manifolding, and copying apparatus. Serial No. 378,693; Dec. 15. Class 23.
Foreman, Jules L., New York, N. Y. Piece goods. Serial Nos. 384,323–5; Dec. 15. Class 42.
Fort Dodge Bottling Works, Inc., Fort Dodge, Iowa. Beverages and sirups and extracts for making the same. Serial No. 375,638; Dec. 15. Class 45.
Fourco Glass Company, Clarksburg, W. Va. Sheet glass, flat glass, etc. Serial No. 384,376; Dec. 15. Class 33.
Frankel Clothing Company, Des Moines, Iowa. Clothing. Serial No. 383,264; Dec. 15. Class 39.
Freidell Winery Company, Inc., Hammondsport, N. Y. Wines. Serial No. 384,155; Dec. 15. Class 47.
Friedman, Werther, New York, N. Y. Magazine publication. Serial No. 383,833; Dec. 15. Class 38.
G. & L. Fili Cora Societe Anonyme, Levallois-Perret, France. Vermouth. Serial No. 376,843; Dec. 15. Class 47.
Gardner Publications, Inc., Cincinnati, Ohio. Magazine. Serial No. 383,091; Dec. 15. Class 38.
Gates Rubber Company, The, Denver, Colo. Garden hose. Serial No. 377,390; Dec. 15. Class 35.
Gilbert, William A., Milwaukee, Wis. Permanent waving pad. Serial No. 382,510; Dec. 15. Class 44.
Gimbel Brothers, Inc., New York, N. Y. Brandy. Serial No. 384,586; Dec. 15. Class 49.
Gimbel Brothers, Inc., New York, N. Y. Women's hosiery. Serial No. 384,587; Dec. 15. Class 39.
Goodman, Gerson, Tutelman Company, Philadelphia, Pa. Shirts. Serial No. 384,228; Dec. 15. Class 39.
Gordon, Aaron, Berkeley, Calif. Lumber treated with a chemical preparation as protection against fire, etc. Serial No. 382,512; Dec. 15. Class 12.
Goshorn, Warren P., doing business as The Voice of Astrology, Kansas City, Mo. Astrological chart. Serial No. 383,575; Dec. 15. Class 38.
Greencastle Packing Company, The, Greencastle, Pa. Canned fruits, canned vegetables, apple sauce. Serial No. 383,734; Dec. 15. Class 46.
Haas, Leo, doing business as Hussan Products Co., New York, N. Y. Chemicals, medicines, and pharmaceutical preparations. Serial No. 380,709; Dec. 15. Class 6.
Hamilton, Grace E., doing business as Slendex Laboratories, Chicago, Ill. Externally applied slenderizing preparation. Serial No. 374,662; Dec. 15. Class 6.
Harris, E. L., and Son Company, St. Louis, Mo. Cough mixture. Serial No. 382,557; Dec. 15. Class 6.
Haserot Company, The, Cleveland, Ohio. Canned Hawaiian pineapple. Serial No. 382,647; Dec. 15. Class 46.
Hawkes, O. C., Ltd., Birmingham, England. Reflecting road markers, road signs, mechanical advertising signs. Serial No. 382,913; Dec. 15. Class 50.
Hays Corporation, The, Michigan City, Ind. Gas analyzers. Serial No. 384,254; Dec. 15. Class 26.
Heckel & Junge, Santa Monica, Calif. Pharmaceutical preparation. Serial No. 373,918; Dec. 15. Class 6.
Hercules Powder Company. (See Paper Makers Chemical Corporation, assignor.)
Hercules Powder Company, Wilmington, Del. High explosive. Serial No. 385,122; Dec. 15. Class 9.
Heresite & Chemical Company, Manitowoc, Wis. Varnishes, baking enamels and synthetic resin. Serial No. 384,659; Dec. 15. Class 16.
Hessin, Harriette, Hollywood, Calif. Perfumes, perfumed sachets, and perfumed dusting powders. Serial No. 382,795; Dec. 15. Class 6.
Hoffman, Carl C., Inc., St. Louis, Mo. Nail lacquer. Serial No. 383,016; Dec. 15. Class 6.
Houbigant, Inc., New York, N. Y. Perfumes, toilet water, face powder, etc. Serial No. 384,213; Dec. 15. Class 6.
House of Fairfax, Los Angeles, Calif. Perfume, toilet water, eau de cologne, etc. Serial No. 383,433; Dec. 15. Class 6.
Houston Packing Company, Houston, Tex. Dog food. Serial No. 385,000; Dec. 15. Class 46.
Huffman Manufacturing Company, The, Dayton, Ohio. Bicycles and structural parts therefor. Serial No. 378,660; Dec. 15. Class 19.
Humble Oil & Refining Company, Houston, Tex. Rust removing compounds, rust preventing chemical compounds, and hydrocarbon solvents. Serial No. 379,094; Dec. 15. Class 6.
Huron Press, Inc., The, Chicago, Ill. Imitation photographs. Serial No. 379,300; Dec. 15. Class 38.
Hussan Products Co. (See Haas, Leo.)
Huston, Mack, doing business as Smokers Gum Company, Columbus, Ga., and Knoxville, Tenn. Chewing gum. Serial No. 370,325; Dec. 15. Class 46.
Hyma, Nicholas, doing business as The Hyma Chemical Laboratories, Buckhannon, W. Va. Liquid medicinal preparation. Serial No. 383,310; Dec. 15. Class 6.
Iveen Laboratories. (See Lawrence, Estelle M.)
J. C. Laboratories. (See Cochran, Jacqueline.)
Jackmeyer Label Corporation, New York, N. Y. Fabric labels. Serial No. 381,272; Dec. 15. Class 38.
Jersey-Creme Company, doing business as The Julep Company, Fort Worth, Tex., and Chicago, Ill. Imitation vanilla flavor for foods, Worcestershire sauce, steak sauce, etc. Serial No. 383,742; Dec. 15. Class 46.
Jiff-E Products Company, Los Angeles, Calif. Preparation for making fudge or other confections. Serial No. 374,593; Dec. 15. Class 46.
Julep Company, The. (See Jersey-Creme Company.)
Kaplan Rice Mill, Inc., Kaplan, La. Rice. Serial No. 383,532; Dec. 15. Class 46.
Karpen, S., & Bros., Chicago, Ill. Chairs. Serial No. 381,765; Dec. 15. Class 32.
Katz Underwear Company, Honesdale, Pa. Dresses, gowns for outer wear, skirts, etc. Serial No. 384,038; Dec. 15. Class 39.
Kenilworth Mfg. Co., Inc., New York, N. Y. Piece goods. Serial No. 383,629; Dec. 15. Class 42.
Kiehl & Stevens, Inc., Orlando, Fla. Periodical magazine. Serial No. 384,692; Dec. 15. Class 38.
Knightstown Funeral Car Co., Inc., Knightstown, Ind. Bodies for ambulances and funeral cars. Serial No. 361,807; Dec. 15. Class 19.
Kraus, Walter S., Woodside, N. Y. Infants' toilet training seats. Serial No. 382,699; Dec. 15. Class 13.
Krauss, Herman, Incorporated, Toledo, Ohio. Wines. Serial No. 382,872; Dec. 15. Class 47.
Krebs Pigment & Color Corporation, Wilmington, Del. Paint pigments. Serial No. 384,293; Dec. 15. Class 16.
Kwality Kids, The. (See Buttner, Helen C.)
Lactol Corporation, San Francisco, Calif. Skimmed milk preparation. Serial No. 378,210; Dec. 15. Class 46.
Langley Fabrics, Inc., New York, N. Y. Piece goods. Serial No. 384,380; Dec. 15. Class 42.
Lawrence, Estelle M., doing business as Iveen Laboratories, Los Angeles, Calif. Cream for producing a tan complexion. Serial No. 383,213; Dec. 15. Class 6.
Leavitt and Peirce, Incorporated, Cambridge, Mass. Cigarettes, cigars, and smoking tobacco. Serial No. 377,584; Dec. 15. Class 17.
Le Bell, Maurice, Los Angeles, Calif. Dehydrated vegetable for therapeutic use. Serial No. 378,844; Dec. 15. Class 6.
Le Continent et Cie. (See Fields, Mary.)
Lesem Bach & Co. Incorporated, New York, N. Y. Linen, rayon, and cotton piece goods. Serial No. 377,051; Dec. 15. Class 42.
Lorraine Manufacturing Company, Pawtucket, R. I., and New York, N. Y. Textile fabrics. Serial No. 373,698; Dec. 15. Class 42.
Lorraine Manufacturing Company, Pawtucket, R. I., and New York, N. Y. Textile fabrics. Serial No. 373,739; Dec. 15. Class 42.
Los Angeles Brewing Co., Los Angeles, Calif. Whiskey. Serial No. 372,522; Dec. 15. Class 49.
Lowe, Joe, Corporation, New York, N. Y. Frozen confections. Serial No. 383,588; Dec. 15. Class 46.
Lyons-Magnus, Incorporated, doing business as The E. G. Lyons and Rans Company, San Francisco, Calif. Distilled alcoholic cordials. Serial No. 384,360; Dec. 15. Class 49.
Magnetic Battery Mfg. & Equip. Co., Detroit, Mich. Storage batteries. Serial No. 373,699; Dec. 15. Class 21.
Mashbir, Sidney F., Jr., Westwood, West Los Angeles, Calif. Column in a printed publication. Serial No. 384,592; Dec. 15. Class 38.
May Department Stores, The, New York, N. Y., Cleveland and Akron, Ohio; Baltimore, Md.; St. Louis, Mo.; Denver, Colo.; and Los Angeles, Calif. Dresses. Serial No. 384,386; Dec. 15. Class 39.
McCook, Walter, Philadelphia, Pa. Hand knitting yarn. Serial No. 384,004; Dec. 15. Class 43.
McNeil Laboratories, Incorporated, Philadelphia, Pa. Various chemicals, medicines, drugs, etc. Serial No. 371,881; Dec. 15. Class 6.
Metered Check System, Incorporated, New York, N. Y. Check books. Serial No. 381,131; Dec. 15. Class 37.
Miller, John H., New York, N. Y. Preparation for the treatment of the throat. Serial No. 383,633; Dec. 15. Class 6.
Miller, Louis, doing business as Louis Miller and Co., New York, N. Y. Shirts, blouses, undershirts, etc. Serial No. 384,594; Dec. 15. Class 39.
Monsanto Chemical Company, St. Louis, Mo. Chemical adjuvants for petroleum oils. Serial Nos. 377,406–7; Dec. 15. Class 6.
Northern Kraft Association, Chicago, Ill. Rolls of kraft paper. Serial No. 384,133; Dec. 15. Class 37.
Northwestern Barb Wire Company, Sterling, Ill. Corn cribs. Serial No. 383,540; Dec. 15. Class 2.

Northwestern Barb Wire Company, Sterling, Ill. Corn cribs. Serial No. 383,542; Dec. 15. Class 2.
Nutritional Research Associates, Inc., South Whitley and Fort Wayne, Ind. Concentrated vitamin preparation. Serial No. 382,102; Dec. 15. Class 6.
Nu-Way Shoe Co. Inc., New York, N. Y. Shoes. Serial No. 384,009; Dec. 15. Class 39.
Oldetyme Distillers, Inc., New York, N. Y. Dry gin. Serial No. 385,057; Dec. 15. Class 49.
Paper Makers Chemical Corporation, assignor to Hercules Powder Company, Wilmington, Del. Highly concentrated sulphonated tallow. Serial No. 383,369; Dec. 15. Class 6.
Paper Makers Chemical Corporation, assignor to Hercules Powder Company, Wilmington, Del. Sulphonated castor oil. Serial No. 383,374; Dec. 15. Class 6.
Paris Company, The, Salt Lake City, Utah. Shirts, undershirts, sweaters, etc. Serial No. 383,221; Dec. 15. Class 39.
Parr Electric Export Corporation, Brooklyn, N. Y. Electrical conduits. Serial No. 384,625; Dec. 15. Class 21.
Pepperell Manufacturing Company, Boston, Mass. Textile fabrics in the piece. Serial No. 384,217; Dec. 15. Class 42.
Pequot Spring Water Co., The, Hartford, Conn. Spring water, and beverages and sirups and extracts for making the same. Serial No. 384,164; Dec. 15. Class 45.
Perry, Lloyd O., doing business as Perry Laboratories, Detroit, Mich., Ointments and lotions. Serial No. 382,019; Dec. 15. Class 6.
Pfeiffer, S., Manufacturing Company, doing business as Virginia Chemical Co., St. Louis, Mo. Medicinal preparation. Serial No. 384,333; Dec. 15. Class 6.
Pitman-Moore Company, Indianapolis, Ind. Medicinal preparation. Serial No. 382,168; Dec. 15. Class 6.
Pitman-Moore Company, Indianapolis, Ind. Medicinal preparation. Serial No. 382,170; Dec. 15. Class 6.
Pitman-Moore Company, Indianapolis, Ind. Medicinal tablet. Serial No. 382,174; Dec. 15. Class 6.
Pitman-Moore Company, Indianapolis, Ind. Liquid colloidal suspension. Serial No. 383,780; Dec. 15. Class 6.
Popular Mechanics Company, Chicago, Ill. Periodical. Serial No. 384,595; Dec. 15. Class 38.
Pure Oil Company, The, Chicago, Ill. Friction tape and gasket and rim cement. Serial No. 372,993; Dec. 15. Class 5.
Pyle-National Company, The, Chicago, Ill. Locomotive valve gears, reversing gears, locomotive valves, etc. Serial No. 383,139; Dec. 15. Class 23.
Rein, Reinhard, New York, N. Y. Herb tea. Serial No. 382,570; Dec. 15. Class 6.
Reliance Manufacturing Company, doing business as The Sterling Company, Chicago, Ill. Dresses. Serial No. 384,719; Dec. 15. Class 39.
Rosenberg Brothers, Medford, Oreg. Fresh pears. Serial No. 383,445; Dec. 15. Class 46.
Rosenthal, Abraham M., doing business as Sadin Company, Richmond, Va. Medicinal preparations. Serial No. 381,850; Dec. 15. Class 6.
Rosenthal Company, The, New York, N. Y. Rubber erasers. Serial No. 375,061; Dec. 15. Class 37.
Sadin Company. (See Rosenthal, Abraham M.)
San Antonio Portland Cement Company, San Antonio, Tex. Portland cement. Serial No. 378,234; Dec. 15. Class 12.
Sav-O-Silx Co., Los Angeles, Calif. Liquid soap. Serial No. 382,322; Dec. 15. Class 4.
Scherlis & Katz Fish Co., Inc., Baltimore, Md. Fish products. Serial No. 369,782; Dec. 15. Class 46.
Scholl Mfg. Co., Inc., The, Chicago, Ill. Medicated corn pads. Serial No. 383,488; Dec. 15. Class 6.
Schreiber, Harry, New York, N. Y. Preparation for use as a laxative drug and bitter appetizer. Serial No. 382,700; Dec. 15. Class 6.
Sears, Roebuck and Co., Chicago, Ill. Motor lubricating oil and grease. Serial No. 383,899; Dec. 15. Class 15.
Sears, Roebuck and Co., Chicago, Ill. House cleaning devices. Serial No. 384,270; Dec. 15. Class 29.
Segal, H., New York, N. Y. Watch chains, watch chain findings, etc. Serial No. 374,103; Dec. 15. Class 28.
Sewell Manufacturing Company, Bremen, Ga. Men's suits. Serial No. 384,303; Dec. 15. Class 39.
Shapiro, Carl J., New York, N. Y. Sanitary napkins. Serial No. 376,550; Dec. 15. Class 44.
Siboney Distilling Corporation, Philadelphia, Pa. Distilled gin. Serial No. 385,114; Dec. 15. Class 49.
Silver Swan Liquor Corporation, San Francisco, Calif. Whiskey. Serial No. 384,978; Dec. 15. Class 49.
Sirian Lamp Company, Newark, N. J. Electrical incandescent lamps for therapeutic uses. Serial No. 382,533; Dec. 15. Class 44.
Skiles, Burton, doing business as Skiles Hair Styles, Long Beach, Calif. Preparation used in making permanent waves in hair. Serial No. 383,235; Dec. 15. Class 6.
Slendex Laboratories. (See Hamilton, Grace E.)
Smokers Gum Company. (See Huston, Mack.)
Smooth Foot Co. (See Fisher, Louis L.)
Sonneborn, L., Sons, Inc., New York, N. Y. Lubricating oils. Serial No. 384,679; Dec. 15. Class 15.
Springfield Auto Works, Springfield, Mo. Trailers. Serial No. 382,813; Dec. 15. Class 19.
Stedman Company, The, Beaumont, Tex. Writing pads, composition books, note books, etc. Serial No. 382,730; Dec. 15. Class 37.
Sterling Company, The. (See Reliance Manufacturing Company.)
Stewart, Norman W., doing business as Windsor Products Company, New York, N. Y. Worcestershire sauce. Serial No. 381,883; Dec. 15. Class 46.
Strauss, L., & Company, Indianapolis, Ind. Women's coats, suits, dresses, etc. Serial No. 383,236; Dec. 15. Class 39.
Sucs. de José Fernández, S. en C., San Juan, P. R. Rum. Serial No. 384,601; Dec. 15. Class 49.
Sunclyme House, Inc., Miami, Fla. Cosmetic preparations. Serial No. 380,726; Dec. 15. Class 6.
Sun Harbor Packing Corporation, San Diego, Calif. Canned fish. Serial No. 382,070; Dec. 15. Class 46.
Sunset Oil Company, Los Angeles, Calif. Monthly publication. Serial No. 384,167; Dec. 15. Class 38.
Sunshine Farms, Inc., New York, N. Y. Fresh milk. Serial No. 379,536; Dec. 15. Class 46.
Supplee-Biddle Hardware Co., doing business as Crown Manufacturing Company, Philadelphia, Pa. Base balls, fielders' gloves, tennis rackets, etc. Serial No. 385,073; Dec. 15. Class 22.
Thompson, Royce A., doing business as Royce A. Thompson Co., Santa Monica, Calif. Medicine for treatment of goitre. Serial No. 383,332; Dec. 15. Class 6.
Tornello, Carmelo, doing business as C. Tornello & Co., Youngstown, Ohio. Wines. Serial No. 383,961; Dec. 15. Class 47.
Trabert & Hoeffer Inc., New York, N. Y. Diamonds and precious stones. Serial No. 382,934; Dec. 15. Class 28.
Ulrici Medicine Company, Inc., The, New York, N. Y. Preparation useful as a tonic and reconstituent. Serial No. 379,721; Dec. 15. Class 6.
Ulrici Medicine Company, Inc., The, New York, N. Y. Preparations useful as an aid to convalescence from illness, as tonics, etc. Serial No. 379,723; Dec. 15. Class 6.
United Scientific Laboratories, Inc., New York, N. Y. Inter-office radio communicating devices. Serial No. 370,437; Dec. 15. Class 21.
Upjohn Company, The, Kalamazoo, Mich. Medicinal preparation. Serial No. 382,970; Dec. 15. Class 6.
Valvoline Oil Company, Cincinnati, Ohio, and New York, N. Y. Lubricating oils and greases. Serial No. 383,277; Dec. 15. Class 15.
Victor Balata & Textile Belting Co., Easton, Pa., and New York, N. Y. Balata and cotton belting. Serial No. 384,697; Dec. 15. Class 35.
Virginia Chemical Co. (See Pfeiffer, S., Manufacturing Company.)
Voice of Astrology, The. (See Goshorn, Warren P.)
Walker-Turner Company, Inc., Plainfield, N. J. Electric motors and switches. Serial No. 384,277; Dec. 15. Class 21.
Warren Veneer and Panel Company, Warren, Pa. Plywood. Serial No. 384,487; Dec. 15. Class 12.
Warshaw, Isadore, Albany, N. Y. Non-electrical advertising billboards. Serial No. 381,924; Dec. 15. Class 50.
Wellington Sears Company, Boston, Mass. Cotton piece goods. Serial No. 384,346; Dec. 15. Class 42.
Wenderoth, Osmund L., Baltimore, Md. Cookie and biscuit baking pans. Serial No. 382,643; Dec. 15. Class 13.
West Indies Rum Distilleries Inc., Playa Ponce, P. R. Rum. Serial No. 379,925; Dec. 15. Class 49.
Willheim, William, Company, Inc., New York, N. Y. Silk, cotton, and rayon piece goods. Serial No. 382,495; Dec. 15. Class 42.
Windsor Products Company. (See Stewart, Norman W.)

Ados Chemical Corporation, to Herman L. Behrens, New York, N. Y. Remedy for certain named diseases and ailments. 112,977; renewed Oct. 10, 1936.

Alaska Pacific Salmon Company. (See Sanborn, Geo. W., & Sons, assignor.)

Allied Industrial Alcohol Corporation, New York, N. Y. Ethyl alcohol, pure commercial ethyl alcohol, grain alcohol, etc. 341,631; Dec. 15; Serial No. 381,703; published Oct. 6, 1936. Class 49.

America Dry Ginger Ale Company, Montreal, Quebec, Canada. Maltless carbonated beverage. 341,632; Dec. 15; Serial No. 381,704; published Sept. 22, 1936. Class 45.

America Dry Ginger Ale Company, Montreal, Quebec, Canada. Maltless carbonated beverage. 341,663; Dec. 15; Serial No. 381,705; published Oct. 6, 1936. Class 45.

American Automobile Association, Incorporated, Washington, D. C. Key rings. 341,577; Dec. 15; Serial No. 382,021; published Oct. 6, 1936. Class 13.

American Automobile Association, Incorporated, Washington, D. C. Tire covers. 341,578; Dec. 15; Serial No. 382,030; published Oct. 6, 1936. Class 35.

American Gas Machine Company, Albert Lea, Minn. Oil burning heaters. 341,639; Dec. 15; Serial No. 381,832; published Oct. 6, 1936. Class 34.

American Heating Co. (See Sears, Roebuck and Co.)

Arizona Brewing Company, Phoenix, Ariz. Ale. 341,637; Dec. 15; Serial No. 381,747; published Oct. 6, 1936. Class 48.

Badger Rubber Works, The, Chicopee Falls, Mass. Vehicle tires and inner tubes. 341,661; Dec. 15. Class 35.

Baer, Gertrude, Brooklyn, to Gertrude Baer, Far Rockaway, Long Island, N. Y. Metal-polish. 114,681; renewed Jan. 2, 1937.

Bälab, Ltd., San Francisco, Calif. Automobile cleaner. 341,615; Dec. 15; Serial No. 380,542; published Oct. 6, 1936. Class 4.

Barnes & Noble Incorporated, New York, N. Y. Text books. 341,647; Dec. 15; Serial No. 379,862; published Oct. 13, 1936. Class 38.

Basic Books, Inc., New York, N. Y. Books. 341,622; Dec. 15; Serial No. 381,255; published Sept. 29, 1936. Class 38.

Beam, D. A., Fertilizer Company, Shelby, N. C. Fertilizer. 341,646; Dec. 15; Serial No. 381,958; published Oct. 6, 1936. Class 10.

Behrens, Herman L. (See Ados Chemical Corporation.)

Berliner Schlossbrauerei Aktiengesellschaft, Schoeneberg, near Berlin, Germany. Beer. 341,616; Dec. 15; Serial No. 380,749; published Oct. 6, 1936. Class 48.

Bissell, T. E., Company Limited, assignor to T. E. Bissell Company, Limited, Elora, Ontario, Canada. Disk harrows and land-rollers. 115,582; renewed Feb. 27, 1937.

Bonwit Teller, Inc., New York, N. Y. Preparations for the removal of superfluous hair. 341,579; Dec. 15; Serial No. 382,034; published Oct. 6, 1936. Class 6.

Bostonia Products Co., Boston, Mass. Soap. 341,642; Dec. 15; Serial No. 381,902; published Oct. 6, 1936 Class 4.

Burlington Basket Company, Burlington, Iowa. Basket cribs. 341,568; Dec. 15; Serial No. 376,832; published June 2, 1936. Class 32.

Butterfield, Fred, & Co., Inc., New York, N. Y. Fabrics of wool, cotton, silk, etc. 341,553; Dec. 15; Serial No. 347,124; published Apr. 10, 1934. Class 42.

California Grape Products Company, Ltd., San Francisco, Calif., and New York, N. Y. Wines. 341,586; Dec. 15; Serial No. 382,202; published Oct. 6, 1936. Class 47.

Carrier Engineering Corporation, Newark, N. J. Air conditioning and drying, ventilating, heating, etc., apparatus and systems, etc. 341,572; Dec. 15; Serial No. 377,769; published Oct. 6, 1936. Class 34.

Celanese Corporation of America, New York, N. Y. Piece goods. 341,594; Dec. 15; Serial No. 382,340; published Oct. 6, 1936. Class 42.

Chamberlain Company, The, assignor to John R. Dulany, Pittsburgh, Pa. Chemical compound for cleaning and thawing pipes and for removing rust and stain. 116,038; renewed Apr. 3, 1937.

Cincinnati Cake & Specialty Company, Cincinnati, Ohio. Crackers, cakes, cookies, and pretzels. 341,660; Dec. 15. Class 46.

Cleveland Cooperative Stove Company, The, Cleveland, Ohio. Gas circulating space heaters and air conditioners. 341,570; Dec. 15; Serial No. 376,944; published Oct. 6, 1936. Class 34.

Corotneff, Nicholas, doing business as N. Corotneff, New York, N. Y. Astringents, cold cream, face rouge, etc. 341,667; Dec. 15. Class 6.

Corpus, W. Geo., Detroit, Mich. Hygienic powder. 341,649; Dec. 15. Class 6.

Crystal, B. B., Co., Inc., New York, N. Y. Watch crystals. 341,643; Dec. 15; Serial No. 381,934; published Oct. 6, 1936. Class 33.

Culbertson Lemon Assn., Saticoy, Calif. Fresh citrus fruit. 341,605; Dec. 15; Serial No. 379,511; published Oct. 6, 1936. Class 46.

De Shazor Beauty System Inc., New York, N. Y. Finger waving cream. 341,668; Dec. 15. Class 6.

Dulany, John R. (See Chamberlain Company, The, assignor.)

Educational Service Bureau, Chicago, Ill. Publication. 341,634; Dec. 15; Serial No. 381,713; published Sept. 29, 1936. Class 38.

Edwards, Harry D., doing business as Safe-T-Products Company, Los Angeles, Calif. Cigarette and cigar extinguisher. 341,652; Dec. 15. Class 8.

Empire Distilling Corporation, Philadelphia, Pa., assignor to Empire Distilling Corporation of New York, Yonkers, N. Y. Completely denatured alcohol antifreeze solution. 341,662; Dec. 15. Class 6.

Examiner Printing Company, San Francisco, Calif. Column for articles or writings. 341,613; Dec. 15; Serial No. 380,488; published Oct. 6, 1936. Class 38.

Fellsmere Sugar Company, Fellsmere, Fla. Sugar. 341,655; Dec. 15. Class 46.

Fez America, Inc., New York, N. Y. Knitted fabrics. 341,665; Dec. 15. Class 42.

Florida Cane Products Corporation, Miami, Fla. Gin. 341,595; Dec. 15; Serial No. 382,626; published Oct. 6, 1936. Class 49.

Germicide Products Corporation, Buffalo, N. Y. Hypochlorite solutions. 341,664; Dec. 15. Class 6.

Gettler-Montanye, Inc., Baltimore, Md. Hand-operated fans made of paper. 341,629; Dec. 15; Serial No. 381,615; published Sept. 29, 1936. Class 40.

Glemby Company, Inc., The, New York, N. Y. Hair nets. 341,635; Dec. 15; Serial No. 381,716; published Oct. 6, 1936. Class 42.

Gordon, Wilmer L., Cleveland, Ohio. Oil compound which is a pharmaceutical preparation. 341,573; Dec. 15; Serial No. 377,816; published Oct. 6, 1936. Class 6.

Haffenreffer & Co., Inc., Boston, Mass. Ale. 341,627; Dec. 15; Serial No. 381,530; published Oct. 6, 1936. Class 48.

Hair-Away Products Co. (See Hochbaum, Edward A.)

Hall-Neal Furnace Company, Indianapolis, Ind. Complete heating and air conditioning, humidifying and cooling units, hot air furnaces, etc. 341,630; Dec. 15; Serial No. 381,670; published Oct. 6, 1936. Class 34.

Hearst Publications, Incorporated, San Francisco, Calif. Cartoons or comic strips. 341,571; Dec. 15; Serial No. 377,658; published Sept. 29, 1936. Class 38.

Heinzkill, Joseph, Appleton, Wis. Perfumes and aromatic chemicals. 341,648; Dec. 15. Class 6.

Hick'ry Pit, The. (See Hirschenfeld, Henry J.)

Hirschenfeld, Henry J., doing business as The Hick'ry Pit, Oakland, Calif. Prepared and barbecued spareribs. 341,567; Dec. 15; Serial No. 376,277; published Oct. 6, 1936. Class 46.

Hochbaum, Edward A., doing business as Hair-Away Products Co., Chicago, Ill. Hair removing pad. 341,638; Dec. 15; Serial No. 381,762; pblished Oct. 6, 1936. Class 44.

Howell, Harry R., Brooklyn, assignor, by mesne assignments, to H. R. Howell Publishing Co., Inc., New York, N. Y. Trade journal. 112,281; renewed Aug. 29, 1936.

International Cellulocotton Products Company, Chicago, Ill. Absorbent face cleansing sheets of paper. 341,657; Dec. 15. Class 37.

K-B Products Corp., Coxsackie, N. Y. Canned mushroom sauce, cream of mushroom soup, fresh mushrooms, etc. 341,610; Dec. 15; Serial No. 380,286; published Oct. 6, 1936. Class 46.

Kahn's, E., Sons Company, The, Cincinnati, Ohio. Bacon, ham, and picnic. 341,612; Dec. 15; Serial No. 380,478; published Oct. 6, 1936. Class 46.

Kanthe, James, doing business as Septo Products Company, Detroit, Mich. Metal polish. 341,576; Dec. 15; Serial No. 378,790; published Oct. 6, 1936. Class 4.

Kirkman & Son, Inc., Brooklyn, N. Y. Soap and soap chips. 341,644; Dec. 15; Serial No. 381,945; published Oct. 6, 1936. Class 4.

La Touraine Coffee Co., Boston, Mass. Coffee. 341,609; Dec. 15; Serial No. 380,177; published Oct. 6, 1936. Class 46.

Lazier, J. F., Manufacturing Co., Inc., St. Louis, Mo. Nonalcoholic maltless extracts and concentrated fruit syrups. 341,558; Dec. 15; Serial No. 363,977; published May 28, 1935. Class 45.

Le Tourneau, R. G., Inc., Stockton, Calif. Grading and earth working equipment. 341,554; Dec. 15; Serial No. 356,257; published Oct. 6, 1936. Class 23.

Longeri, Paul, New York, N. Y. Artificial flowers. 341,606; Dec. 15; Serial No. 379,526; published Sept. 29, 1936. Class 40.

Macklanburg-Duncan Company, Oklahoma City, Okla. Calking compound and glazing compound. 341,659; Dec. 15. Class 12.

Macy, R. H., & Co., Inc., New York, N. Y. Men's outer shirts. 341,623; Dec. 15; Serial No. 381,277; published Sept. 29, 1936. Class 39.

Makepeace, A. D., Company, Wareham, Mass. Dehydrated cranberries. 341,640; Dec. 15; Serial No. 381,870; published Oct. 6, 1936. Class 46.

Montero, Milton J., Luling, La. Dog distemper preparation. 341,559; Dec. 15; Serial No. 368,044; published Oct. 6, 1936. Class 6.

Morris, Mann & Reilly, Inc., Chicago, Ill. Ladies' pocketbooks. 341,587; Dec. 15; Serial No. 382,228; published Oct. 6, 1936. Class 3.

Myers, John A., Philadelphia, Pa. Liquid insect exterminator. 341,625; Dec. 15; Serial No. 381,395; published Oct. 6, 1936. Class 6.

National Baking Company, doing business as Omar Baking Co., Omaha, Nebr. Bread. 341,562; Dec. 15; Serial No. 369,500; published Oct. 6, 1936. Class 46.

National Distillers Products Corporation, New York, N. Y. Whiskey. 341,585; Dec. 15; Serial No. 382,162; published Oct. 6, 1936. Class 49.

National Malleable and Steel Castings Company, Cleveland, Ohio. Railway trucks and side frames. 341,656; Dec. 15. Class 19.

Neasham, William E., St. George, N. Y. Printed greeting cards. 341,607; Dec. 15; Serial No. 379,757; published Sept. 29, 1936. Class 38.

Omar Baking Co. (See National Baking Company.)

Page, Charles L., doing business as Palmilla Co., St. Paul, Minn. Skin lotions. 341,626; Dec. 15; Serial No. 381,420; published Oct. 6, 1936. Class 6.

Palmilla Co. (See Page, Charles L.)

Paramount Distilling Corporation, Chicago, Ill. Whiskey, gin, and cordials. 341,597; Dec. 15; Serial No. 382,674; published Oct. 6, 1936. Class 49.

Patent Button Company, The, Waterbury, Conn. Buttons. 341,628; Dec. 15; Serial No. 381,537; published Sept. 29, 1936. Class 40.

Peck & Sterba, Incorporated, New York, N. Y. Preparation for feminine hygiene. 341,574; Dec. 15; Serial No. 377,996; published Oct. 6, 1936. Class 6.

Pendergast, T. J., Wholesale Liquor Co., Kansas City, Mo. Whiskey, gin, rum, etc. 341,603; Dec. 15; Serial 382,839; published Oct. 6, 1936. Class 49.

Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Detergents for washing bottles. 341,614; Dec. 15; Serial No. 380,526; published Oct. 6, 1936. Class 4.

Pepperell Manufacturing Company, Boston, Mass. Piece goods. 341,636; Dec. 15; Serial No. 381,726; published Oct. 6, 1936. Class 42.

Pincin, Primo, doing business as Primo Vintage Co., Los Angeles, Calif. Wine. 341,591; Dec. 15; Serial No. 382,258; published Oct. 6, 1936. Class 47.

Polydent Company, Chicago, Ill. Tooth powder. 341,604; Dec. 15; Serial No. 379,399; published Aug. 4, 1936. Class 6.

Popper-Morson Co., Inc., Jersey City, N. J. Whiskey. 341,596; Dec. 15; Serial No. 382,646; published Oct. 6, 1936. Class 49.

Porter, Stanley W., Elgin, Ill. Periodical. 341,620; Dec. 15; Serial No. 381,217; published Oct. 6, 1936. Class 38.

Primo Vintage Co. (See Pincin, Primo.)

Pro-phy-lac-tic Brush Company, Northampton, Mass. Tooth brushes. 341,650–1; Dec. 15. Class 29.

RCA Manufacturing Company, Inc., Camden, N. J. Radio receiving sets and accessories and parts thereof. 341,561; Dec. 15; Serial No. 368,635; published Oct. 6, 1936. Class 21.

Raimon, Albert, Incorporated, Buffalo, N. Y. Cosmetics, hair dressings, and beauty shop supplies. 341,563; Dec. 15; Serial No. 371,001; published Sept. 1, 1936. Class 4.

Ratcliffe, Thomas, & Company, Limited, Mytholmroyd, Yorkshire, England. Woolen blankets. 341,619; Dec. 15; Serial No. 381,006; published Oct. 6, 1936. Class 42.

Rath, Wm. C., Co., Inc., New York, N. Y. Purses, pocketbooks, hand bags, etc. 341,593; Dec. 15; Serial No. 382,321; published Oct. 6, 1936. Class 3.

Resulto Pharmacal Company. (See Ridgley, George R.)

Ridgley, George R., doing business as Resulto Pharmacal Company, Washington, D. C. Medicated ointment. 341,560; Dec. 15; Serial No. 368,579; published Oct. 6, 1936. Class 6.

Rubber-Gel Products Corporation, North Quincy, Mass. Moulds for casting rubber soles. 341,580; Dec. 15; Serial No. 382,063; published Oct. 6, 1936. Class 23.

Rubber-Gel Products Corporation, North Quincy, Mass. Rubber tubing and hose. 341,581; Dec. 15; Serial No. 382,064; published Oct. 6, 1936. Class 35.

Safe-T-Products Company. (See Edwards, Harry D.)

Sanborn, Geo. W., & Sons, Astoria, Oreg., assignor, by mesne assignments, to Alaska Pacific Salmon Company, Seattle, Wash. Canned salmon. 114,183; renewed Dec. 5, 1936.

Sanitary Plumbing & Heating Corp., Newark, N. J. Toilet tanks, toilet bowls, sink faucets, etc. 341,653; Dec. 15. Class 13.

Scatena Bros. Wine Co., Healdsburg, Calif. Wines. 341,588; Dec. 15; Serial No. 382,244; published Oct. 6, 1936. Class 47.

Schenley Import Corporation, New York, N. Y. Wines. 341,608; Dec. 15; Serial No. 379,767; published Sept. 15, 1936. Class 47.

Schering Corporation, Bloomfield, N. J. Medicinal preparation. 341,582; Dec. 15; Serial No. 382,067; published Oct. 6, 1936. Class 6.

Schmidt, C., & Sons, Inc., Philadelphia, Pa. Malt beverage. 341,641; Dec. 15; Serial No. 381,880; published Oct. 6, 1936. Class 48.

Sears, Roebuck and Co., doing business as American Heating Co., Chicago, Ill. Warm air furnaces, steam boilers, coal stokers, etc. 341,565; Dec. 15; Serial No. 374,212; published Oct. 6, 1936. Class 34.

Sears, Roebuck and Co., Chicago, Ill. Handbags. 341,592; Dec. 15; Serial No. 382,289; published Oct. 6, 1936. Class 3.

Septo Products Company. (See Kanthe, James.)

Sherbolite Co., Miami, Fla. Grinding wheels. 341,583; Dec. 15; Serial No. 382,068; published Oct. 6, 1936. Class 4.

Silver Swan Liquor Corporation, San Francisco, Calif. Whiskey. 341,645; Dec. 15; Serial No. 381,951; published Oct. 6, 1936. Class 49.

Siren Mills Corporation, Chicago, Ill. Combination ice-cream soda and sundae glass. 341,584; Dec. 15; Serial No. 382,077; published Oct. 6, 1936. Class 33.

Steel Products Company, Inc., The, Savannah, Ga. Bodies for trucks and trailers. 341,654; Dec. 15. Class 19.

Stern, Abe, doing business as S. & A. Stern, New York, N. Y. Piece goods, laces, embroideries, etc. 341,618; Dec. 15; Serial No. 380,930; published Oct. 6, 1936. Class 42.

Stetson, John B., Company, Philadelphia, Pa. Publications and sections of newspaper and magazine publications. 341,569; Dec. 15; Serial No. 376,873; published Oct. 6, 1936. Class 38.

Storms, H. M., Co., Brooklyn, N. Y. Carbon paper. 341,663; Dec. 15. Class 11.

Strathmore Paper Company, West Springfield, Mass. Writing and printing paper. 341,658; Dec. 15; Class 37.

Superior Petticoat Company, New York, N. Y. Satin piece goods made of silk. 341,575; Dec. 15; Serial No. 378,378; published Oct. 6, 1936. Class 42.

Supply Publishing Co., Inc., Cleveland, Ohio. Publication. 341,617; Dec. 15; Serial No. 380,890; published Sept. 29, 1936. Class 38.

Union Fork & Hoe Company, The, Columbus, Ohio. Hand operated tools. 341,555; Dec. 15; Serial No. 367,641; published Oct. 6, 1936. Class 23.

Union Fork & Hoe Company, The, Columbus, Ohio. Hand operated tools. 341,556; Dec. 15; Serial No. 367,645; published Oct. 6, 1936. Class 23.

Union Fork & Hoe Company, The, Columbus, Ohio. Hand operated tools. 341,557; Dec. 15; Serial No. 367,745; published Oct. 6, 1936. Class 23.

Vanity Fair Silk Mills, Reading, Pa. Bandeaus, underwear, panties, etc. 341,624; Dec. 15; Serial No. 381,302; published Sept. 29, 1936. Class 39.

Vaughn Machinery Company, The, Cuyahoga Falls, Ohio. Wire drawing machines and parts thereof and accessories therefor. 341,589; Dec. 15; Serial No. 382,250; published Oct. 6, 1936. Class 23.

Wagner Manufacturing Company, The, Sidney, Ohio. Base metal cooking hollow ware. 341,566; Dec. 15; Serial No. 374,261; published Oct.6, 1936. Class 13.

Walker, Hiram, & Sons Inc., Peoria, Ill. Whiskey. 341,598–602; Dec. 15; Serial Nos. 382,684–8; published Oct. 6, 1936. Class 49.

Wernet Dental Mfg. Co., Inc., Brooklyn, N. Y. Chemical Preparation for natural and artificial dentures. 341,564; Dec. 15; Serial No. 371,837; published May 26, 1936. Class 6.

West Indian Produce Association, Limited, The, London, England. Tea and coffee. 341,621; Dec. 15; Serial No. 381,242; published Oct. 6, 1936. Class 46.

Western States Grocery Company, Oakland, Calif. Beer 341,590; Dec. 15; Serial No. 382,254; published Oct. 6, 1936. Class 48.

Wheelan, Edgar, New York, N. Y. Series of cartoons. 341,611; Dec. 15; Serial No. 380,427; published Oct. 6, 1936. Class 38.

Wyomissing Glazed Paper Company, West Reading, Pa. Papers. 341,666; Dec. 15. Class 37.

LIST OF REGISTRANTS OF LABELS

Ace Manufacturing Company, Chicago, Ill. Ace Mentholated Brushless Shaving Cream. For Shaving Cream. 48,505; Dec. 15.

Archer, P. D., Kansas City, Mo. Crushed Wheat Rainbo. For Bread. 48,506; Dec. 15.

Baldwin Laboratories, Inc., Saegertown, Pa. Only Dwin Has "It" Household Insect Killer. For a Liquid Preparation for Killing Insects. 48,508; Dec. 15.

Bayuk Cigars Incorporated, Philadelphia, Pa. Philadelphia Phillies. For Cigars. 48,509; Dec. 15.

Beistle Company, The, Shipppensburg, Pa. Muralprint Pirate Decorations. For Pirate Decorations. 48,510; Dec. 15.

Beistle Company, The, Shippensburg, Pa. Muralprint Story-Book Animal Decorations. For Story-Book Animal Decorations. 48,511; Dec. 15.

Beistle Company, The, Shippensburg, Pa. Muralprint Cocktail Room Decorations. For Cocktail Room Decorations. 48,512; Dec. 15.

Berman, Harris, Milwaukee, Wis. The Porters Champion—The Better Silver Polish. For Silver Polish. 48,513; Dec. 15.

Boulay & Cie, Epernay, France. Champagne Boulay & Cie, Epernay. For Champagne Wines. 48,514; Dec. 15.

Boulay & Cie, Epernay, France. Champagne De Castelnau, Epernay. For Champagne Wines. 48,515; Dec. 15.

Boulay & Cie, Epernay, France. Champagne, J. Goyard, Epernay. For Champagne Wines. 48,516; Dec. 15.

Clayton, A. C., Printing Co., St. Louis, Mo. Footwear Created for the Discriminating North Shore Woman. For Footwear. 48,517; Dec. 15.

Clayton, A. C., Printing Co., St. Louis, Mo. Quality Shoes. For Shoes. 48,518; Dec. 15.

Cleveland, Hallie B., Flat River, Mo. Cleveland's Breakfast Cereal. For Breakfast Cereal. 48,519; Dec. 15.

Collyrium Incorporated, New York, N. Y. 1-Kleer Collyrium Eye Drops. For Eye Drops. 48,520; Dec. 15.

Cook, M. B., Company, The, Chicago, Ill. Bulldog Inked Ribbon. For Inked Ribbons. 48,521; Dec. 15.

Cook, M. B., Company, The, Chicago, Ill. Badger Inked Ribbon. For Inked Ribbon. 48,522; Dec. 15.

Cook, M. B., Company, The, Chicago, Ill. Badger Carbon Paper. For Carbon Paper. 48,523; Dec. 15.

Corona Citrus Association, Corona, Calif. Consort. For Fresh Lemons. 48,525; Dec. 15.

Corona, Frank A., Newark, N. J. La Corona. For a Hair Tonic. 48,524; Dec. 15.

Crimson Coach, Inc., Toledo, Ohio. Quality Chewing Tobacco. For Chewing Tobacco. 48,526; Dec. 15.

Dean Products Company, Tacoma, Wash. Dean's. For Cold Capsules. 48,527; Dec. 15.

Ebling Brewing Co. Inc., The, Brooklyn, N. Y. Ebling's White Head. For Ale. 48,507; Dec. 15.

Faydon Laboratories, Syracuse, N. Y. Tip-Top Cattle Spray. For a Cattle Spray. 48,528; Dec. 15.

Gold, Mildred, doing business as Milgold, Beverly Hills, Calif. Milgold Ice-Box Cookies. For Cookies. 48,529; Dec. 15.

Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Hearst Brand Hawaiian Fancy Pineapple Juice. For Hawaiian Pineapple Juice. 48,530; Dec. 15.

Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Apron Strings Fruit Cocktail. For Fruit Cocktail. 48,531; Dec. 15.

Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Sunical Apricots. For Halved Apricots. 48,532; Dec. 15.

Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Sunical Fruit for Salad. For Fruit for Salad. 48,533; Dec. 15.

Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Modern Pak Luscious Fruits for Salad. For Fruits for Salad. 48,534; Dec. 15.

Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Modern Pak Luscious Halved Pears. For Halved Pears. 48,535; Dec. 15.

Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Rural Gold Crushed Hawaiian Pineapple. For Crushed Hawaiian Pineapple. 48,536; Dec. 15.

Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Rural Gold Whole Peeled Apricots. For Whole Peeled Apricots. 48,537; Dec. 15.

Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Hearst Brand Hawaiian Fancy Crushed Pineapple. For Hawaiian Fancy Crushed Pineapple. 48,538; Dec. 15.

Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Hearst Brand Hawaiian Fancy Pineapple Tidbits. For Fancy Hawaiian Pineapple Tidbits. 48,539; Dec. 15.

Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Hearst Ranch Branch Fancy Whole Peeled Apricots. For Whole Peeled Apricots. 48,540; Dec. 15.

Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Rural Gold Halved Apricots. For Halved Apricots. 48,541; Dec. 15.

Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Rural Gold Sliced Hawaiian Pineapple. For Sliced Hawaiian Pineapple. 48,542; Dec. 15.

Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Rural Gold Broken Slices Hawaiian Pineapple. For Broken Slices Hawaiian Pineapple. 48,543; Dec. 15.

Johnson, S. C., & Son, Inc., Racine, Wis. Johnson's 66 Quick Drying Varnish. For Quick Drying Varnish. 48,544; Dec. 15.

Klearflax Linen Looms, Inc., The, Duluth, Minn. Town and Country Rugs. For Rugs. 48,545; Dec. 15.

Kroger Grocery & Baking Company, The, Cincinnati, Ohio. Springcrest, Red Label. For Chickens. 48,546; Dec. 15.

Kroger Grocery & Baking Company, The, Cincinnati, Ohio. Springcrest, Green Label. For Chickens. 48,547; Dec. 15.

Kroger Grocery & Baking Company, The, Cincinnati, Ohio. Springcrest, Blue Label. For Chickens. 48,548; Dec. 15.

Kurtz Brothers Corporation, Philadelphia, Pa. Spaghetti Dinner. Gor Spaghetti, Spaghetti Sauce and Italian Grated Cheese for Making or Preparing a Spaghetti Dinner. 48,549; Dec. 15.

Meshkote Corporation, The, Cleveland, Ohio. Meshkote Brand. For Linoleum Varnish. 48,550; Dec. 15.

Milani, Louis, Foods, Inc., Chicago, Ill. Mak It. For Preparation for Making Maple Flavored Syrup. 48,551; Dec. 15.

Milani, Louis, Foods, Inc., Chicago, Ill. Mak It. For a Preparation for Making French Dressing. 48,552; Dec. 15.

Milgold. (See Gold, Mildred.)

National Retailer-Owned Grocers, Inc., Chicago, Ill. Energy. For White Laundry Soap. 48,553; Dec. 15.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Green Nile. For Beauty Soap. 48,554; Dec. 15.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Gypsy. For Beauty Soap. 48,555; Dec. 15.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Mity Fine. For White Floating Soap. 48,556; Dec. 15.

Ogilvie Sisters Laboratories, Inc., doing business as Ogilvie Method, New York, N. Y. O-G-V Men's Scalp Pomade. For Preparation for Lubricating the Scalp. 48,557; Dec. 15.

Ogilvie Sisters Laboratories, Inc., doing business as Ogilvie Method, New York, N. Y. O-G-V Men's Special Ointment. For an Ointment for Irritations of the Scalp. 48,558; Dec. 15.

Ogilvie Sisters Laboratories, Inc., doing business as Ogilvie Method, New York, N. Y. O-G-V Men's Alopecia Lotion for Patchy Baldness. For Alopecia Lotion for Patchy Baldness. 48,559; Dec. 15.

Patent Cereals Company, Geneva, N. Y. Die-A-Doo Paint Brush Bath. For a Preparation for Cleaning and Restoring Paint Brushes. 48,560; Dec. 15.

Protecto Co., Washington, D. C. Protecto. For Sweatbands of Hats, to Prevent Perspiration From Penetrating the Hatband. 48,561; Dec. 15.

Randall, Howard M., Tekonsha, Mich. Randell's Ready to Serve Chicken Broth. For Canned Chicken Broth. 48,562; Dec. 15.

Read, F. A., Inc., Albion, N. Y. Hudson Valley Apples. For Apples. 48,563; Dec. 15.

Rilling-Arnao Co., Minneapolis, Minn. Bilene. For a Thiophated Shampoo. 48,564; Dec. 15.

Sewell, Nora B., doing business as N. B. Sewell Pharmacal Company, Kansas City, Mo. Femmal Caps. For Vaginal Capsules. 48,565; Dec. 15.

Sievers, Louis, Sons Co., Chicago, Ill. Cuben Bitters. For Medicinal Bitters. 48,566; Dec. 15.

Skinner Manufacturing Company, Omaha, Nebr. Skinner's Macaroni Rings. For Macaroni Rings. 48,567; Dec. 15.

Strauss, B., M. & J., Ltd., London, England. Grand Chablis—Le Pinot Blanc. For Chablis Wine. 48,568; Dec. 15.

Trainer, Edward, Philadelphia, Pa. Old Reserve. For Blended Rye Whiskey. 48,569; Dec. 15.

Vita-Var Corporation, Newark, N. J. Wallgard. For Enamel. 48,570; Dec. 15.

LIST OF REGISTRANTS OF PRINTS

Awful Fresh MacFarlane, Oakland and San Francisco, Calif. You Cant Afford It. For Confectionery. 15,955; Dec. 15.

Awful Fresh MacFarlane, Oakland and San Francisco, Calif. 1¢ lb. for Chocolates. For Confectionery and Nuts. 15,956; Dec. 15.

Awful Fresh MacFarlane, Oakland and San Francisco, Calif. My Bon-Bons 49¢ lb. For Confectionery. 15,957; Dec. 15.

Awful Fresh MacFarlane, Oakland and San Francisco, Calif. You Cant Afford It. For Confectionery. 15,958; Dec. 15.

Awful Fresh MacFarlane, Oakland and San Francisco, Calif. Be Sceptical. For Confectionery. 15,959; Dec. 15.

Awful Fresh MacFarlane, Oakland and San Francisco, Calif. No Tax on Nuts. For Nuts. 15,960; Dec. 15.

Awful Fresh MacFarlane, Oakland and San Francisco, Calif. Licorice in Ancient Egypt. For Licorice Candy. 15,961; Dec. 15.

Awful Fresh MacFarlane, Oakland and San Francisco, Calif. Reaching the Kernel. For Confectionery. 15,962; Dec. 15.

B/G Foods, Inc., Chicago, Ill. The Bottomless Cup. For Coffee. 15,970; Dec. 15.

Curtis, David, doing business as The De-Ce Products Co. of N. Y. (Anestex Laboratories), New York, N. Y. Anestex Surface Anesthetic. For a Surface Anesthetic. 15,963; Dec. 15.

De-Ce Products Co. of N. Y. Anestex Laboratories), The. (See Curtis, David.)

Fischer, J. P., Inc., New York, N. Y. Fischer Newmatic, Gem of Dryers. For Hair Drying Apparatus. 15,964; Dec. 15.

Hills Bros., San Francisco, Calif. It's Miles Ahead in Flavor—Adform 171. For Coffee. 15,966; Dec. 15.

Kurlash Company, Inc., The, Rochester, N. Y. Twissors. For Tweezers for Removing Hair. 15,965; Dec. 15.

North Bro's. M'f'g. Co., Philadelphia, Pa. Yankee Handyman Spiral Ratchet Screwdriver. For Spiral Ratchet Screwdrivers. 15,967; Dec. 15.

Seminole Flavor Company, Chattanooga, Tenn. Name-It. For a Beverage used for Blending or Mixing With All Types of Liquors. 15,968; Dec. 15.

Stedman Manufacturing Company, Asheboro, N. C. Stemco. For Men's Handkerchiefs. 15,969; Dec. 15.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 3

Handbags. Sears, Roebuck and Co. 341,592; Dec. 15; Serial No. 382,289; published Oct. 6, 1936.

Pocketbooks, Ladies'. Morris, Mann & Reilly, Inc. 341,587; Dec. 15; Serial No. 382,228; published Oct. 6, 1936.

Purses, pocketbooks, hand bags, etc. Wm. C. Rath Co. 341,593; Dec. 15; Serial No. 382,321; published Oct. 6, 1936.

CLASS 4

Cleaner, Automobile. Bälab, Ltd. 341,615; Dec. 15; Serial No. 380,542; published Oct. 6, 1936.

Detergents for washing bottles. Pennsylvania Salt Manufacturing Company. 341,614; Dec. 15; Serial No. 380,526; published Oct. 6, 1936.

Grinding wheels. Sherbolite Co. 341,583; Dec. 15; Serial No. 382,068; published Oct. 6, 1936.

Polish, Metal. G. Baer. 114,681; renewed Jan. 2, 1937.

Polish, Metal. J. Kanthe. 341,576; Dec. 15; Serial No. 378,790; published Oct. 6, 1936.

Soap. Bostonia Products Co. 341,642; Dec. 15; Serial No. 381,902; published Oct. 6, 1936.

Soap and soap chips. Kirkman & Sons, Inc. 341,644; Dec. 15; Serial No. 381,945; published Oct. 6, 1936.

CLASS 6

Alcohol anti-freeze solution, Completely denatured. Empire Distilling Corporation. 341,662; Dec. 15.

Astringments, cold cream, face rouge, etc. N. Corotneff. 341,667; Dec. 15.

Chemical compound for cleaning and thawing pipes and for removing rust and stain. Chamberlain Company. 116,038; renewed Apr. 3, 1937.

Chemical preparation for cleaning, washing, etc., natural and artificial dentures. Wernet Dental Mfg. Co., Inc. 341,564; Dec. 15; Serial No. 371,837; published May 26, 1936.

Cosmetics, hair dressings, and beauty shop supplies. Albert Raimon, Incorporated. 341,563; Dec. 15; Serial No. 371,001; published Sept. 1, 1936.

Cream, Finger waving. De Shazor Beauty System Inc. 341,668; Dec. 15.

Dog distemper preparation. M. J. Montero. 341,559; Dec. 15; Serial No. 368,044; published Oct. 6, 1936.

Hypochlorite solutions. Germicide Products Corporation. 341,664; Dec. 15.

Insect exterminator, Liquid. J. A. Myers. 341,625; Dec. 15; Serial No. 381,395; published Oct. 6, 1936.

Lotions, Skin. C. L. Page. 341,626; Dec. 15; Serial No. 381,420; published Oct. 6, 1936.

Medicinal preparation. Schering Corporation. 341,582; Dec. 15; Serial No. 382,067; published Oct. 6, 1936.

Oil compound which is a pharmaceutical preparation. W. I. Gordon. 341,573; Dec. 15; Serial No. 377,816; published Oct. 6, 1936.

Ointment, Medicated. G. R. Ridgley. 341,560; Dec. 15; Serial No. 368,579; published Oct. 6, 1936.

Perfumes and aromatic chemicals. J. Heinzkill. 341,648; Dec. 15.

Powder, Hygienic. W. G. Corpus. 341,649; Dec. 15.

Preparation for feminine hygiene. Peck & Sterba, Incorporated. 341,574; Dec. 15; Serial No. 377,996; published Oct. 6, 1936.

Preparations for the removal of superfluous hair. Bonwit Teller, Inc. 341,579; Dec. 15; Serial No. 382,034; published Oct. 6, 1936.

Remedy for certain named diseases and ailments. Ados Chemical Corporation. 112,977; renewed Oct. 10, 1936.

Tooth powder. Polydent Company. 341,604; Dec. 15; Serial No. 379,399; published Aug. 4, 1936.

CLASS 8

Cigarette and cigar extinguisher. H. D. Edwards. 341,652; Dec. 15.

CLASS 10

Fertilizer. D. A. Beam Fertilizer Company. 341,646; Dec. 15; Serial No. 381,958; published Oct. 6, 1936.

CLASS 11

Carbon paper. H. M. Storms Co. 341,663; Dec. 15.

CLASS 12

Calking compound and glazing compound. Macklanburg-Duncan Company. 341,659; Dec. 15.

CLASS 13

Hollow ware, Base metal cooking. Wagner Manufacturing Company. 341,566; Dec. 15; Serial No. 374,261; published Oct. 6, 1936.

Tanks, toilet bowls, sink faucets, etc., Toilet. Sanitary Plumbing & Heating Corp. 341,653; Dec. 15.

Key rings. American Automobile Association, Incorporated. 341,577; Dec. 15; Serial No. 382,021; published Oct. 6, 1936.

CLASS 19

Bodies for trucks and trailers. Steel Products Company. 341,654; Dec. 15.

Trucks and side frames, Railway. National Malleable and Steel Castings Company. 341,656; Dec. 15.

CLASS 21

Radio receiving sets and accessories and parts thereof. RCA Manufacturing Company. 341,561; Dec. 15; Serial No. 368,635; published Oct. 6, 1936.

CLASS 23

Disk harrows and land-rollers. T. E. Bissell Company Limited. 115,582; renewed Feb. 27, 1937.

Grading and earth working equipment. R. G. Le Tourneau Inc. 341,554; Dec. 15; Serial No. 356,257; published Oct. 6, 1936.

Moulds for casting rubber soles. Rubber-Gel Products Corporation. 341,580; Dec. 15; Serial No. 382,063; published Oct. 6, 1936.

Tools, Hand operated. Union Fork & Hoe Company. 341,555; Dec. 15; Serial No. 367,641; published Oct. 6, 1936.

Tools, Hand operated. Union Fork & Hoe Company. 341,556; Dec. 15; Serial No. 367,645; published Oct. 6, 1936.

Tools, Hand operated. Union Fork & Hoe Company. 341,557; Dec. 15; Serial No. 367,745; published Oct. 6, 1936.

Wire drawing machines and parts thereof and accessories therefor. Vaughn Machinery Company. 341,589; Dec. 15; Serial No. 382,250; published Oct. 6, 1936.

CLASS 29

Tooth brushes. Pro-phy-lac-tic Brush Company. 341,650–1; Dec. 15.

CLASS 32

Cribs, Basket. Burlington Basket Company. 341,568; Dec. 15; Serial No. 376,832; published June 2, 1936.

CLASS 33

Crystals, Watch. B. B. Crystal Co. 341,643; Dec. 15; Serial No. 381,934; published Oct. 6, 1936.
Glass, Combination ice-cream soda and sundae. Siren Mills Corporation. 341,584; Dec. 15; Serial No. 382,077; published Oct. 6, 1936.

CLASS 34

Air conditioning and drying, ventilating, heating, etc. apparatus and systems, etc. Carrier Engineering Corporation. 341,572; Dec. 15; Serial No. 377,769; published Oct. 6, 1936.
Furnaces, steam boilers, coal stokers, etc., Warm air. Sears, Roebuck and Co. 341,565; Dec. 15; Serial No. 374,212; published Oct. 6, 1936.
Heaters and air conditioners, Gas circulating space. Cleveland Cooperative Stove Company. 341,570; Dec. 15; Serial No. 376,944; published Oct. 6, 1936.
Heaters, Oil burning. American Gas Machine Company. 341,639; Dec. 15; Serial No. 381,832; published Oct. 6, 1936.
Heating and air conditioning, humidifying, and cooling units; hot air furnaces, etc., Complete. Hall-Neal Furnace Company. 341,630; Dec. 15; Serial No. 381,610; published Oct. 6, 1936.

CLASS 35

Tire covers. American Automobile Association, Incorporated. 341,578; Dec. 15; Serial No. 382,030; published Oct. 6, 1936.
Tires and inner tubes, Vehicle. Badger Rubber Works. 341,661; Dec. 15.
Tubing and hose, Rubber. Rubber-Gel Products Corporation. 341,581; Dec. 15; Serial No. 382,064; published Oct. 6, 1936.

CLASS 37

Paper, Writing and printing. Strathmore Paper Company. 341,658; Dec. 15.
Papers. Wyomissing Glazed Paper Company. 341,666; Dec. 15.
Sheets of paper, Absorbent face cleansing. International Cellucotton Products Company. 341,657; Dec. 15.

CLASS 38

Books. Basic Books, Inc. 341,622; Dec. 15; Serial No. 381,255; published Sept. 29, 1936.
Books, Text. Barnes & Noble Incorporated. 341,647; Dec. 15; Serial No. 379,862; published Oct. 13, 1936.
Cards, Printed greeting. W. E. Neasham. 341,607; Dec. 15; Serial No. 379,757; published Sept. 29, 1936.
Cartoons or comic strips. Hearst Publications, Incorporated. 341,571; Dec. 15; Serial No. 377,658; published Sept. 29, 1936.
Cartoons, Series of. E. Wheelan. 341,611; Dec. 15; Serial No. 380,427; published Oct. 6, 1936.
Column for articles or writings. Examiner Printing Company. 341,613; Dec. 15; Serial No. 380,488; published Oct. 6, 1936.
Journal, Trade. H. R. Howell. 112,281; renewed Aug. 29, 1936.
Periodical. S. W. Porter. 341,620; Dec. 15; Serial No. 381,217; published Oct. 6, 1936.
Publication. Educational Service Bureau. 341,634; Dec. 15; Serial No. 381,713; published Sept. 29, 1936.
Publication. Supply Publishing Co. 341,617; Dec. 15; Serial No. 380,890; published Sept. 29, 1936.
Publications and sections of newspapers and magazine publications. John B. Stetson Company. 341,569; Dec. 15; Serial No. 376,873; published Oct. 6, 1936.

CLASS 39

Bandeaus, underwear, panties, etc. Vanity Fair Silk Mills. 341,624; Dec. 15; Serial No. 381,302; published Sept. 29, 1936.
Shirts, Men's outer. R. H. Macy & Co. 341,623; Dec. 15; Serial No. 381,277; published Sept. 29, 1936.

CLASS 40

Buttons. Patent Button Company. 341,628; Dec. 15; Serial No. 381,537; published Sept. 29, 1936.
Fans made of paper, Hand-operated. Gettier-Montanye, Inc. 341,629; Dec. 15; Serial No. 381,613; published Sept. 29, 1936.
Flowers, Artificial. P. Longeri. 341,606; Dec. 15; Serial No. 379,526; published Sept. 29, 1936.

CLASS 42

Blankets, Woolen. Thomas Ratcliffe & Company. 341,619; Dec. 15; Serial No. 381,006; published Oct. 6, 1936.
Fabrics, Knitted. Fez America, Inc. 341,665; Dec. 15.
Fabrics of wool cotton, silk, etc. Fred Butterfield & Co. 341,553; Dec. 15; Serial No. 347,124; published Apr. 10, 1934.
Hair nets. Glemby Company. 341,635; Dec. 15; Serial No. 381,716; published Oct. 6, 1936.
Piece goods. Celanese Corporation of America. 341,594; Dec. 15; Serial No. 382,340; published Oct. 6, 1936.
Piece goods. Pepperell Manufacturing Company. 341,636; Dec. 15; Serial No. 381,726; published Oct. 6, 1936.
Piece goods, laces, embroideries, etc. A. Stern. 341,618; Dec. 15; Serial No. 380,930; published Oct. 6, 1936.
Satin piece goods. Superior Petticoat Company. 341,575; Dec. 15; Serial No. 378,378; published Oct. 6, 1936.

CLASS 44

Hair removing pad. E. A. Hochbaum. 341,638; Dec. 15; Serial No. 381,762; published Oct. 6, 1936.

CLASS 45

Beverage, Maltless carbonated. America Dry Ginger Ale Company. 341,632; Dec. 15; Serial No. 381,704; published Sept. 22, 1936.
Beverage, Maltless carbonated. America Dry Ginger Ale Company. 341,633; Dec. 15; Serial No. 381,705; published Oct. 6, 1936.
Extracts and concentrated fruit syrups, Nonalcoholic maltless. J. F. Lazier Manufacturing Co. 341,558; Dec. 15; Serial No. 363,977; published May 28, 1935.

CLASS 46

Bacon, ham, and picnic. E. Kahn's Sons Company. 341,612; Dec. 15; Serial No. 380,478; published Oct. 6, 1936.
Bread. National Baking Company. 341,562; Dec. 15; Serial No. 369,500; published Oct. 6, 1936.
Canned mushroom sauce, cream of mushroom soup, fresh mushrooms, etc. K-B Products Corp. 341,610; Dec. 15; Serial No. 380,286; published Oct. 6, 1936.
Canned salmon. Geo. W. Sanborn & Sons. 114,183; renewed Dec. 5, 1936.
Coffee. La Touraine Coffee Co. 341,609; Dec. 15; Serial No. 380,177; published Oct. 6, 1936.
Crackers, cakes, cookies, and pretzels. Cincinnati Cake & Specialty Company. 341,660; Dec. 15.
Cranberries, Dehydrated. A. D. Makepeace Company. 341,640; Dec. 15; Serial No. 381,870; published Oct. 6, 1936.
Fruit, Fresh citrus. Culbertson Lemon Assn. 341,605; Dec. 15; Serial No. 379,511; published Oct. 6, 1936.
Spareribs, Prepared and barbecued. H. J. Hirschenfeld. 341,567; Dec. 15; Serial No. 376,277; published Oct. 6, 1936.
Sugar. Fellsmere Sugar Company. 341,655; Dec. 15.
Tea and coffee. West Indian Produce Association, Limited. 341,621; Dec. 15; Serial No. 381,242; published Oct. 6, 1936.

CLASS 47

Wine. P. Pincin. 341,591; Dec. 15; Serial No. 382,258; published Oct. 6, 1936.
Wines. California Grape Products Company. 341,586; Dec. 15; Serial No. 382,202; published Oct. 6, 1936.
Wines. Scatena Bros. Wine Co. 341,588; Dec. 15; Serial No. 382,244; published Oct. 6, 1936.
Wines. Schenley Import Corporation. 341,608; Dec. 15; Serial No. 379,767; published Sept. 15, 1936.

CLASS 48

Ale. Arizona Brewing Company. 341,637; Dec. 15; Serial No. 381,747; published Oct. 6, 1936.
Ale. Haffenreffer & Co. 341,627; Dec. 15; Serial No. 381,530; published Oct. 6, 1936.
Beer. Berliner Schlossbrauerei Aktiengesellschaft. 341,616; Dec. 15; Serial No. 380,749; published Oct. 6, 1936.
Beer. Western States Grocery Company. 341,590; Dec. 15; Serial No. 382,254; published Oct. 6, 1936.
Malt beverage. C. Schmidt & Sons, Incorporated. 341,641; Dec. 15; Serial No. 381,880; published Oct. 6, 1936.

CLASS 49

Alcohol, pure commercial ethyl alcohol, grain alcohol, etc., Ethyl. Allied Industrial Alcohol Corporation. 341,631; Dec. 15; Serial No. 381,703; published Oct. 6, 1936.
Gin. Florida Cane Products Corporation. 341,595; Dec. 15; Serial No. 382,626; published Oct. 6, 1936.
Whiskey. National Distillers Products Corporation. 341,585; Dec. 15; Serial No. 382,162; published Oct. 6, 1936.
Whiskey. Popper-Morson Co. 341,596; Dec. 15; Serial No. 382,646; published Oct. 6, 1936.
Whiskey. Silver Swan Liquor Corporation. 341,645; Dec. 15; Serial No. 381,951; published Oct. 6, 1936.
Whiskey. Hiram Walker & Sons Inc. 341,598–602; Dec. 15; Serial Nos. 382,684–8; published Oct. 6, 1936.
Whiskey, gin, and cordials. Paramount Distilling Corporation. 341,597; Dec. 15; Serial No. 382,674; published Oct. 6, 1936.
Whiskey, gin, rum, etc. T. J. Pendergast Wholesale Liquor Co. 341,603; Dec. 15; Serial No. 382,839; published Oct. 6, 1936.

LIST OF LABELS

Ace Mentholated Brushless Shaving Cream. For Shaving Cream. Ace Manufacturing Company. 48,505; Dec. 15.
Apron Strings Fruit Cocktail. For Fruit Cocktail. Hearst Sunical Land and Packing Corporation. 48,531; Dec. 15.
Badger Carbon Paper. For Carbon Paper. M. B. Cook Company. 48,523; Dec. 15.
Badger Inked Ribbon. For Inked Ribbons. M. B. Cook Company. 48,522; Dec. 15.
Bulldog Inked Ribbon. For Inked Ribbons. M. B. Cook Company. 48,521; Dec. 15.
Champagne Boulay & Cie, Epernay. For Champagne Wines. Boulay & Cie. 48,514; Dec. 15.
Champagne De Castelnau, Epernay. For Champagne Wines. Boulay & Cie. 48,515; Dec. 15.
Champagne, J. Goyard, Epernay. For Champagne Wines. Boulay & Cie. 48,516; Dec. 15.
Cleveland's Breakfast Cereal. For Breakfast Cereal. H. B. Cleveland. 48,519; Dec. 15.
Consort. For Fresh Lemons. Corona Citrus Association. 48,525; Dec. 15.
Crushed Wheat Rainbo. For Bread. P. D. Archer. 48,506; Dec. 15.
Cuben Bitters. For Medicinal Bitters. Louis Sievers Sons Co. 48,566; Dec. 15.
Dean's. For Cold Capsules. Dean Products Company. 48,527; Dec. 15.
Dic-A-Doo Paint Brush Bath. For a Preparation for Cleaning and Restoring Paint Brushes. Patent Cereals Company. 48,560; Dec. 15.
Ebling's White Head. For Ale. Ebling Brewing Co. Inc. 48,507; Dec. 15.
Energy. For White Laundry Soap. National Retailer-Owned Grocers, Inc. 48,553; Dec. 15.
Femmal Caps. For Vaginal Capsules. N. B. Sewell. 48,565; Dec. 15.
Footwear Created for the Discriminating North Shore Woman. For Footwear. A. C. Clayton Printing Co. 48,517; Dec. 15.
Grand Chablis—Le Pinot Blanc. For Chablis Wine. B., M. & J. Strauss Ltd. 48,568; Dec. 15.
Green Nile. For Beauty Soap. National Retailer-Owned Grocers, Inc. 48,554; Dec. 15.
Gypsy. For Beauty Soap. National Retailer-Owned Grocers, Inc. 48,555; Dec. 15.
Hearst Brand Hawaiian Fancy Crushed Pineapple. For Hawaiian Fancy Crushed Pineapple. Hearst Sunical Land and Packing Corporation. 48,538; Dec. 15.
Hearst Brand Hawaiian Fancy Pineapple Juice. For Hawaiian Pineapple Juice. Hearst Sunical Land and Packing Corporation. 48,530; Dec. 15.
Hearst Brand Hawaiian Fancy Pineapple Tidbits. For Fancy Hawaiian Pineapple Tidbits. Hearst Sunical Land and Packing Corporation. 48,539; Dec. 15.
Hearst Ranch Brand Fancy Whole Peeled Apricots. For Whole Peeled Apricots. Hearst Sunical Land and Packing Corporation. 48,540; Dec. 15.
Hudson Valley Apples. For Apples. F. A. Read, Inc. 48,563; Dec. 15.
I-Kleer Collyrium Eye Drops. For Eye Drops. Collyrium Incorporated. 58,520; Dec. 15.
Johnson's 66 Quick Drying Varnish. For Quick Drying Varnish. S. C. Johnson & Son, Inc. 48,544; Dec. 15.
La Corona. For a Hair Tonic. F. A. Corona. 48,524; Dec. 15.
Mak It. For Preparation for Making Maple Flavored Syrup. Louis Milani Foods, Inc. 48,551; Dec. 15.
Mak It. For a Preparation for Making French Dressing. Louis Milani Foods, Inc. 48,552; Dec. 15.
Meshkote Brand. For Linoleum Varnish. Meshkote Corporation. 48,550; Dec. 15.
Milgold Ice-Box Cookies. For Cookies. M. Gold. 48,529; Dec. 15.
Mity Fine. For White Floating Soap. National Retailer-Owned Grocers, Inc. 48,556; Dec. 15.
Modern Pak Luscious Fruits for Salad. For Fruits for Salad. Hearst Sunical Land and Packing Corporation. 48,534; Dec. 15.
Modern Pak Luscious Halved Pears. For Halved Pears. Hearst Sunical Land and Packing Corporation. 48,535; Dec. 15.
Muralprint Cocktail Room Decorations. For Cocktail Room Decorations. Beistle Company. 48,512; Dec. 15.
Muralprint Pirate Decorations. For Pirate Decorations. Beistle Company. 48,510; Dec. 15.
Muralprint Story-Book Animal Decorations. For Story-Book Animal Decorations. Beistle Company. 48,511; Dec. 15.
O-G-V Men's Alopecia Lotion for Patchy Baldness. For Alopecia Lotion for Patchy Baldness. Ogilvie Sisters Laboratories, Inc. 48,559; Dec. 15.
O-G-V Men's Scalp Pomade. For Preparation for Lubricating the Scalp. Ogilvie Sisters Laboratories, Inc. 48,557; Dec. 15.
O-G-V Men's Special Ointment. For an Ointment for Irritations of the Scalp. Ogilvie Sisters Laboratories, Inc. 48,558; Dec. 15.
Old Reserve. For Blended Rye Whiskey. E. Trainer. 48,569; Dec. 15.
Only Dwin Has "It" Household Insect Killer. For a Liquid Preparation for Killing Insects. Baldwin Laboratories, Inc. 48,508; Dec. 15.
Philadelphia Phillies. For Cigars. Bayuk Cigars Incorporated. 48,509; Dec. 15.
Protecto. For Sweatbands of Hats, to Prevent Perspiration from Penetrating the Hatband. Protecto Co. 48,561; Dec. 15.
Quality Chewing Tobacco. For Chewing Tobacco. Crimson Coach, Inc. 48,526; Dec. 15.
Quality Shoes. For Shoes. A. C. Clayton Printing Co. 48,518; Dec. 15.
Randall's Ready to Serve Chicken Broth. For Canned Chicken Broth. H. M. Randall. 48,562; Dec. 15.
Riliene. For a Thiophated. Shampoo. Rilling-Arnao Co. 48,564; Dec. 15.
Rural Gold Broken Slices Hawaiian Pineapple. For Broken Slices Hawaiian Pineapple. Hearst Sunical Land and Packing Corporation. 48,543; Dec. 15.
Rural Gold Crushed Hawaiian Pineapple. For Crushed Hawaiian Pine apple. Hearst Sunical Land and Packing Corporation. 48,536; Dec. 15.
Rural Gold Halved Apricots. For Halved Apricots. Hearst Sunical Land and Packing Corporation. 48,541; Dec. 15.
Rural Gold Sliced Hawaiian Pineapple. For Sliced Hawaiian Pineapple. Hearst Sunical Land and Packing Corporation. 48,542; Dec. 15.
Rural Gold Whole Peeled Apricots. For Whole Peeled Apricots. Hearst Sunical Land and Packing Corporation. 48,537; Dec. 15.
Skinner's Macaroni Rings. For Macaroni Rings. Skinner Manufacturing Company. 48,567; Dec. 15.
Spaghetti Dinner. For Spaghetti, Spaghetti Sauce and Italian Grated Cheese for Making or Preparing a Spaghetti Dinner. Kurtz Brothers Corporation. 48,549; Dec. 15.
Springcrest, Blue Label. For Chickens. Kroger Grocery & Baking Company. 48,548; Dec. 15.
Springcrest, Green Label. For Chickens. Kroger Grocery & Baking Company. 48,547; Dec. 15.
Springcrest, Red Label. For Chickens. Kroger Grocery & Baking Company. 48,546; Dec. 15.
Sunical Apricots. For Halved Apricots. Hearst Sunical Land and Packing Corporation. 48,532; Dec. 15.
Sunical Fruit for Salad. For Fruit for Salad. Hearst Sunical Land and Packing Corporation. 48,533; Dec. 15.
The Porters Champion—The Better Silver Polish. For Silver Polish. H. Berman. 48,513; Dec. 13.
Tip-Top Cattle Spray. For a Cattle Spray. Faydon Laboratories. 48,528; Dec. 15.
Town and Country Rugs. For Rugs. Klearflax Linen Looms, Inc. 48,545; Dec. 15.
Wallgard. For Enamel. Vita-Var Corporation. 48,570; Dec. 15.

LIST OF PRINTS

Anestex Surface Anesthetic. For a Surface Anesthetic. D. Curtis. 15,963; Dec. 15.
Be Sceptical. For Confectionery. Awful Fresh MacFarlane. 15,959; Dec. 15.
Fischer Newmatic, Gem of Dryers. For Hair Drying Apparatus. J. P. Fischer, Inc. 15,964; Dec. 15.
It's Miles Ahead in Flavor—Adform 171. For Coffee. Hills Bros. 15,966; Dec. 15.
Licorice in Ancient Egypt. For Licorice Candy. Awful Fresh MacFarlane. 15,961; Dec. 15.
My Bon-Bons 49¢ lb. For Confectionary. Awful Fresh MacFarlane. 15,957; Dec. 15.
Name-It. For a Beverage Used for Blending or Mixing with all Types of Liquors. Seminole Flavor Company. 15,968; Dec. 15.
No Tax on Nuts. For Nuts. Awful Fresh MacFarlane. 15,960; Dec. 15.
1¢ lb. for Chocolates. For Confectionery and Nuts. Awful Fresh MacFarlane. 15,956; Dec. 15.

Reaching the Kernel. For Confectionery. Awful Fresh MacFarlane. 15,962; Dec. 15.

Stemco. For Men's Handkerchiefs. Stedman Manufacturing Company. 15,969; Dec. 15.

The Bottomless Cup. For Coffee. B/G Foods, Inc. 15,970; Dec. 15.

Twissors. For Tweezers for Removing Hair. Kurlash Company. 15,965; Dec. 15.

Yankee Handyman Spiral Ratchet Screwdriver. For Spiral Ratchet Screw-Drivers. North Bro's M'f'g Co. 15,967; Dec. 15.

You Cant Afford It. For Confectionery. Awful Fresh MacFarlane. 15,955; Dec. 15.

You Cant Afford It. For Confectionery. Awful Fresh MacFarlane. 15,958; Dec. 15.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 15TH DAY OF DECEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Brussell, Jacob, New York, N. Y., assignor to I. Friedman, Roselle, N. J. Pinking appliance. 20,204; Dec. 15.

Emerson, Lilley W., Hooksett, N. H., assignor of one-half to H. A. Freedman, Brooklyn, N. Y. Folding chair. 20,205; Dec. 15.

Freedman, Harry A. (See Emerson, Lilley W., assignor.)

Freeman, Benjamin W. (See Knight, George, assignor.)

Friedman, Isadore. (See Brussell, Jacob, assignor.)

Knight, George, Brockton, Mass., assignor to B. W. Freeman, Cincinnati, Ohio. Perforating machine. 20,206; Dec. 15.

Simonds, Herbert R., Oakwood, assignor to Simonds Worden White Company, Dayton, Ohio. Balancing abrasive wheels and wheels thereby balanced. 20,207; Dec. 15.

Simonds Worden White Company. (See Simonds, Herbert R., assignor.)

Whiteley, Frank A., Covington, Ky. Device for conditioning air. 20,208; Dec. 15.

LIST OF DESIGN PATENTEES

Adams, Carleton B., New York, N. Y. Glove. 102,314; Dec. 15.

Adams, Wilbur H. (See Roe, M. E., and Adams.)

Andersen, Niels Y., Kenmore, N. Y. Caster housing. 102,315; Dec. 15.

Anderson Brass Shops, Inc. (See Nyquist, Arthur N., assignor.)

Anderson, William A., Los Angeles, Calif. Drawer knob or similar article. 102,316; Dec. 15.

Anderson, William A., Los Angeles, Calif. Drawer knob. 102,317; Dec. 15.

Anderson, William A., Los Angeles, Calif. Drawer pull or similar article. 102,318; Dec. 15.

Anderson, William A., Los Angeles, Calif. Drawer pull. 102,319; Dec. 15.

Atherton, Ray A., Oakland, Calif. Illuminated vanity case or the like. 102,348; Dec. 15.

Auslander, Henry, New York, N. Y. Belt for wearing apparel. 102,349; Dec. 15.

Baldwin-Southwark Corporation. (See Dinzl, Richard W., assignor.)

Bayreuther, Karl, Selb, Germany, assignor to The Rosenthal China Corporation, New York, N. Y. Teacup or similar article. 102,350; Dec. 15.

Benjamin, Benjamin, Freeport, N. Y. Shoe. 102,320; Dec. 15.

Benjamin, Benjamin, Freeport, N. Y. Shoe. 102,321; Dec. 15.

Bessonett, Leland S., San Francisco, H. A. McKim, Burlingame, Calif., and F. A. Selje, Detroit, Mich., assignors to Standard Oil Company of California, San Francisco, Calif. Truck tank. 102,351; Dec. 15.

Blackstone, Jack J., New York, N. Y. Textile fabric. 102,352; Dec. 15.

California Perfume Company. (See Higgins, Frank E., assignor.)

Camp, Ernest A. and P. J., Weatherford, Tex. Circulating fan. 102,322; Dec. 15.

Camp, Paul J. (See Camp, Earnest A. and P. J.)

Coleman Lamp and Stove Company, The. (See Olds, Ambrose D., assignor.)

Collison, Edward E., Chicago, and C. R. Kirk, River Forest, Ill. Remote control apparatus cabinet for musical devices. 102,353; Dec. 15.

Connor, Martha H., Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Condiment shaker. 102,354; Dec. 15.

Corbin, Wesley S., Ridley Park, assignor to Scott Paper Company, Chester, Pa. Multiple compartment dispensing cabinet. 102,355; Dec. 15.

Delta Electric Company. (See Wiley, Lee M., assignor.)

Delta Manufacturing Company. (See Tautz, Herbert E., assignor.)

Dinzl, Richard W., Narberth, Pa., assignor to Baldwin-Southwark Corporation. Materials testing machine. 102,323; Dec. 15.

Dinzl, Richard W., Narberth, Pa., assignor to Baldwin-Southwark Corporation. Materials testing machine. 102,324; Dec. 15.

Ebling, Walter, Rochester, N. Y. Shoe. 102,325; Dec. 15.

Eckert, Anton, Alameda, Calif. Plate or similar article. 102,356; Dec. 15.

Edelman, Irving, New York, N. Y. Waffle iron. 102,357; Dec. 15.

Edson, Bert, Paytucket, R. I., assignor to New England Lace Mills, Inc., New York, N. Y. Lace. 102,358; Dec. 15.

Euler, Arthur E., Oakland, Calif. Pair of goggles or similar article. 102,326; Dec. 15.

Fatherley, Robert E., Darien, Conn., assignor to M. D. Kornfeld, New York, N. Y. Textile fabric or similar article. 102,359; Dec. 15.

Fatherley, Robert E., Darien, Conn., assignor to M. D. Kornfeld, New York, N. Y. Textile fabric or similar article. 102,360; Dec. 15.

Fatherley, Robert E., Darien, Conn., assignor to M. D. Kornfeld, New York, N. Y. Textile fabric or similar article. 102,361; Dec. 15.

Friedman, Martin C., Grand Rapids, Mich., and I. M. Stone, Cleveland Heights, Ohio. Broiler pan. 102,362; Dec. 15.

Geerlings, Gerald K. (See Kohler, W. J., and Geerlings.)

Gehring, Frank P., New York, N. Y. Lace. 102,363; Dec. 15.

Gehring, Frank P., New York, N. Y. Lace. 102,364; Dec. 15.

Goldblatt, Henry J., Chicago, Ill. Casing for a washing machine. 102,365; Dec. 15.

Gray, William C., St. Charles, assignor to J. B. Hawley, Geneva, Ill. Hat. 102,327; Dec. 15.

Grinnell Bros. (See Krasnick, Jacob L., assignor.)

Hanna, Carl, New York, N. Y. Chair cushion pad. 102,328; Dec. 15.

Hawley, Jesse B. (See Gray, William C., assignor.)

Hawley, Jesse B. (See Sloan, Edward C., assignor.)

Helm, Jacques, Paris, France. Textile fabric or similar article. 102,366; Dec. 15.

Higgins, Frank E., assignor to California Perfume Company, Inc., New York, N. Y. Cap for bottles, jars, and the like. 102,367; Dec. 15.

Higgins, Frank E., assignor to California Perfume Company, Inc., New York, N. Y. Cap for bottles, jars, and the like. 102,368; Dec. 15.

Hoyle, Frederick, Lambertville, N. J., assignor to The Stieff Company, Baltimore, Md. Spoon or similar article. 102,369; Dec. 15.

Kean, Nathan K., New York, N. Y. Shoe or similar article. 102,329; Dec. 15.

Kean, Nathan K., New York, N. Y. Shoe or similar article. 102,330; Dec. 15.

Kirk, Claude R. (See Collison, E. E., and Kirk.)

Knapp-Monarch Company. (See Newnham, Eugene, assignor.)

Kohler, Walter J., Kohler, Wis., and G. K. Geerlings, New Canaan, Conn. Bathtub. 102,370; Dec. 15.

Kornfeld, Morton D. (See Fatherley, Robert E., assignor.)

Kornfeld, Morton D. (See Roberson, Willard D., assignor.)

Kotzin, Adolph A., Chicago, Ill. Shoe. 102,331; Dec. 15.

Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Cycle lamp. 102,371; Dec. 15.

Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Cycle lamp. 102,372; Dec. 15.

Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Bicycle. 102,373. Dec. 15.

Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Fender for a cycle. 102,374; Dec. 15.

Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Fender for a cycle. 102,375; Dec. 15.

Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Chain guard for a cycle. 102,376; Dec. 15.

Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Hub cap for a cycle. 102,377; Dec. 15.

Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Combined pedal and crank for a cycle. 102,378; Dec. 15.

Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Bicycle. 102,379; Dec. 15.

Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Cycle truss rod unit. 102,380; Dec. 15.

Krasnick, Jacob L., Holly, assignor to Grinnell Bros., Detroit, Mich. Piano or similar article. 102,381; Dec. 15.

Langos, Otto A., Chicago, Ill. Toy gun. 102,382; Dec. 15.

Livar, Allen P., Yonkers, N. Y. Cabinet for an air conditioning unit or similar article. 102,383; Dec. 15.

Manenty, Max, Niagara Falls, N. Y. Combined floral stand and pot. 102,332; Dec. 15.

Marchfield, Rudolph L., Chicago, Ill. Vegetable slicing machine. 102,385; Dec. 15.

Marcus, Martha T. (See Shulman, Pauline W., assignor.)

Massa, Ralph, New York, N. Y. Broach pin or similar article. 102,384; Dec. 15.

McKim, Horton A. (See Bessonett, L. S., McKim, and Selje.)

Melamed, Isidor, assignor to Newmarket Hat Company, Inc., New York, N. Y. Lady's hat. 102,386; Dec. 15.

Moses, Wade, Cleveland, Ohio. Beam compass or the like. 102,387; Dec. 15.

Murray-Ohio Manufacturing Company, The. (See Kraeft, Herman L., assignor.)

Narrow Fabric Company, The. (See Siner, Raymond K., assignor.)

Neidhardt, Carl G., assignor to Taywal Corporation, Chattanooga, Tenn. Industrial spray gun. 102,388; Dec. 15.

Neumann, Edward A., North St. Paul, Minn. Bar footrail. 102,389; Dec. 15.

New England Lace Mills, Inc. (See Edson, Bert, assignor.)

Newmarket Hat Company. (See Melamed, Isidor, assignor.)

Newnham, Eugene, assignor to Knapp-Monarch Company, St. Louis, Mo. Fan propeller. 102,390; Dec. 15.

Nyquist, Arthur N., assignor to Anderson Brass Shops, Inc., Rockford, Ill. Drawer pull. 102,333; Dec. 15.

Nyquist, Arthur N., assignor to Anderson Brass Shops, Inc., Rockford, Ill. Drawer pull. 102,334; Dec. 15.

Olds, Ambrose D., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Circulating heater. 102,391; Dec. 15.

Osborne, Herbert C., assignor to Webster Electric Company, Racine, Wis. Fuel supply unit for oil burners. 102,392; Dec. 15.

Osborne, Herbert C., assignor to Webster Electric Company, Racine, Wis. Fuel supply unit for oil burners. 102,393; Dec. 15.

Owens-Illinois Can Company. (See Connor, Martha H., assignor.)

Price, David W., New York, N. Y. Dress. 102,394; Dec. 15.

Roberson, Willard D., assignor to M. D. Kornfeld, New York, N. Y. Textile fabric or similar article. 102,395; Dec. 15.

Roberson, Willard D., assignor to M. D. Kornfeld, New York, N. Y. Textile fabric or similar article. 102,396; Dec. 15.

Roe, Mayo E., Elyria, and W. H. Adams, Cleveland, Ohio. Bicycle. 102,397; Dec. 15.

Roe, Mayo E., Elyria, and W. H. Adams, Cleveland, Ohio. Bicycle frame. 102,398; Dec. 15.

Rosenthal Catna Corporation, The. (See Bayreuther, Karl, assignor.)

Rutz, Frank, Rochester, N. Y. Chalk holder. 102,347; Dec. 15.

Samuels, Theodore, St. Louis, Mo. Shoe. 102,335; Dec. 15.

Samuels, Theodore, St. Louis, Mo. Shoe. 102,336; Dec. 15.

Sapp, Lee B., Lexington, Ky. Signboard or similar article. 102,337; Dec. 15.

Schwab, David E., New York, N. Y. Combined bracelet and handkerchief. 102,338; Dec. 15.

Scott Paper Company. (See Corbin, Wesley S., assignor.)

Selje, Frederick A. (See Bessonett, L. S., McKim, and Selje.)

Shaw, Samuel J., Jr., Nyack, N. Y. Twin face directional signal. 102,399; Dec. 15.

Shulman, Pauline W., Hartford, Conn., assignor to M. T. Marcus, Cosmetic bottle. 102,401; Dec. 15.

Siner, Raymond K., Wyomissing Hills, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 102,339; Dec. 15.

Siner, Raymond K., Wyomissing Hills, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 102,340; Dec. 15.

Sloan, Edward C., assignor to J. B. Hawley, Geneva, Ill. Hat. 102,400; Dec. 15.

Standard Oil Company of California. (See Bessonett, L. S., McKim, and Selje, assignors.)

Stein, Jacob, New York, N. Y. Sandal or similar article. 102,341; Dec. 15.

Stein, Jacob, New York, N. Y. Sandal or similar article. 102,342; Dec. 15.

Stein, Jacob, New York, N. Y. Sandal or similar article. 102,343; Dec. 15.

Stein, Jacob, New York, N. Y. Sandal or similar article. 102,344; Dec. 15.

Stein, Jacob, New York, N. Y. Sandal or similar article. 102,345; Dec. 15.

Stein, Jacob, New York, N. Y. Sandal or similar article. 102,346; Dec. 15.

Stieff Company, The. (See Hoyle, Frederick, assignor.)

Stone, Irwin M. (See Friedman, M. C., and Stone.)

Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Clamp handle. 102,402; Dec. 15.

Taywal Corporation. (See Neidhardt, Carl G., assignor.)

Vaughn, George A., assignor to Wind-Power Manufacturing Company, Newton, Iowa. Wind power generator. 102,403; Dec. 15.

Webster Electric Company. (See Osborne, Herbert C., assignor.)

Wiley, Lee M., assignor to Delta Electric Company, Marion, Ind. Combined horn and lamp. 102,404; Dec. 15.

Wind-Power Manufacturing Company. (See Vaughn, George A., assignor.)

Zeudman, Isaac, Jr., New York, N. Y. Lace. 102,405; Dec. 15.

CARNEGIE LIBRARY OF ATLANTA

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 15TH DAY OF DECEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Electric soldering iron. 2,064,645; Dec. 15.

Abell, Arthur H., New York, N. Y. Starter for engines. 2,064,099; Dec. 15.

Abrams, Myer, Brooklyn, N. Y. Convertible garment. 2,064,399; Dec. 15.

Aceves, Julius G., New York, N. Y., assignor to Amy, Aceves & King, Inc., New York, N. Y. Duplex radio aerial system. 2,064,400; Dec. 15.

Acme Rayon Corporation. (See Huttinger, C. A., and Timlowski, assignors.)

Adamczick, Kurt, et al. (See Herrmann, Ludwig, assignor.)

Adams, Elmer W., and T. H. Rogers, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Fluid-circulating cleaning composition. 2,063,972; Dec. 15.

Adams, J. D., Manufacturing Company. (See Cost, William A., assignor.)

Adams, J. D., Manufacturing Company. (See Wallace, Floyd D., assignor.)

Adhesive Products Company, The. (See Harrison, Woodford F., assignor.)

Adlake Company, The. (See Larson, Carl H., assignor.)

Alvaz, Boris, Budapest, Hungary. Smoke filter plug or wad for cigarette paper tubes. 2,064,239; Dec. 15.

Aktiebolaget Master Regulator. (See Salenius, C. G. T., assignor.)

Alexandre, Paul, Strasbourg, France. Waist band. 2,063,886; Dec. 15.

Allard, Herbert K., Cranston, R. I. Reverse gear for locomotives and other engines. 2,064,051; Dec. 15.

Allen, Earl M. (See Young, H. S., and Allen.)

Allen, Frank M., Summit, and W. S. Egge, East Orange, N. J., assignor to Congoleum-Nairn Inc. Adhesive. 2,064,139; Dec. 15.

Allen, Lewis, Detroit, Mich. Door. 2,064,401; Dec. 15.

Allied Manufacturers, Inc. (See Jack, D., and Matisek, assignors.)

Altwicker, Hubert. (See Schmidt, W., and Altwicker.)

Aluminum Company of America. (See Nock, J. A., Jr., and Freche, assignors.)

Aluminum Company of America. (See Strattard, Charles L., assignor.)

American Bank Note Company. (See Wittnebel, Arthur A., assignor.)

American Blind Stitch Machine Company. (See Dearborn, Charles A., assignor.)

American Brass Company, The. (See Freeman, J. R., Jr., and Hungerford, assignors.)

American Can Company. (See Groenke, Walter E., assignor.)

American Can Company. (See Holloway, James M., assignor.)

American District Telegraph Company. (See Hopkins, Richard M., assignor.)

American Electric Heating Company. (See Gannon, James E., assignor.)

American Enka Corporation. (See Krick, Peter P., assignor.)

American Enka Corporation. (See Moritz, Adrian J. L., assignor.)

American Laundry Machinery Company, The. (See Balzer, F., and Knapmeyer, assignors.)

American Laundry Machinery Company, The. (See Sando, Joseph B., assignor.)

American Potash & Chemical Corporation. (See Black, Leroy G., assignor.)

American Rolling Mill Company, The. (See McGohan, George W., assignor.)

American Silk Spinning Co. (See Lownes, E. J., Jr., and Gibson, assignors.)

American Smelting and Refining Company. (See Levison, S. H., and Bruderlin, assignors.)

American Sound Producing Laboratories. (See Wurm, Carl, assignor.)

American Steel Foundries. (See Baselt, Walter H., assignor.)

American Steel Foundries. (See Darby, Robert F., assignor.)

American Steel Foundries. (See Hedgcock, William C., assignor.)

American Telephone and Telegraph Company. (See Herman, Joseph, assignor.)

Amy, Aceves & King, Inc. (See Aceves, Julius Gourgues, assignor.)

Anchor Cap & Closure Corporation. (See Von Till, Louis A., assignor.)

Anderson, Clare, Verona, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Measuring device. 2,063,973; Dec. 15.

Anderson, Edmund B. (See Swenson, C. E., and Anderson.)

Andrews, Edward F., Chicago, Ill. Radio cable. 2,064,513; Dec. 15.

Antrim, William D., Gloucester, N. J., assignor to Roberts & Mander Stove Company, Philadelphia, Pa. Gas range. 2,064,713; Dec. 15.

Antrim, William D., Gloucester, N. J., assignor to Roberts & Manders Stove Company, Philadelphia, Pa. Gas range. 2,064,714; Dec. 15.

Appleton Electric Company. (See Appleton, Ernst G., assignor.)

Appleton, Ernst G., Chicago, Ill., assignor to Appleton Electric Company. Fluid-tight connecter for threadless pipes. 2,064,140; Dec. 15.

Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Dispensing arrangement. 2,064,584; Dec. 15.

Arrow-Hart & Hegeman Electric Company, The. (See Dahl, Magnus G., assignor.)

Art Metal Works, Inc. (See Aronson, Louis V., assignor.)

Arthur, James L., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Distributor cap. 2,064,052; Dec. 15.

Ashkenas, David, Middletown, N. Y. Pocketbook. 2,064,333; Dec. 15.

Askin, Joseph, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Making refrigerating apparatus. 2,064,141; Dec. 15.

Associated Electric Laboratories, Inc. (See Voss, John H., assignor.)

Astrov, Dimitrij. (See Dmitrevskij, P., and Astrov.)

Athey Truss Wheel Co. (See Kuchar, Joseph, assignor.)

Atienza, Mauricio P., Brooklyn, N. Y. Radio antenna device. 2,064,585; Dec. 15.

Atwell, Harold V., White Plains, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Coking liquid hydrocarbons. 2,064,715; Dec. 15.

Atwood Machine Company, The. (See Rowe, Irving R., assignor.)

Austin, Fuller A., Lincoln, Nebr. Sign and sign frame. 2,064,240; Dec. 15.

Autocar Company, The. (See Bachman, Benjamin B., assignor.)

Auto Research Corporation. (See Bijur, Joseph, assignor.)

B. & G. Coin Selectors, Incorporated. (See Gottfried, John, assignor.)

Babcock & Wilcox Company, The. (See Bailey, Ervin G., assignor.)

Bachman, Benjamin B., Philadelphia, assignor to The Autocar Company, Ardmore, Pa. Motor vehicle. 2,064,100; Dec. 15.

Bailey, Ervin G., Easton, Pa., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Apparatus for burning pulverized fuel and gas. 2,064,366; Dec. 15.

Baker, Gilbert L., Oakland, Calif., assignor of one-half to Algot Oberg. Combined can opening and sealing device. 2,064,716; Dec. 15.

Baker, Thomas V., Chehalis, Wash. Paring knife. 2,064,718; Dec. 15.

Baker, Thomas V., Chehalis, Wash. Saw set. 2,064,717; Dec. 15.

Baldwin, Clayton J., assignor to Dustbone Products Limited, Ottawa, Ontario, Canada. Dispensing apparatus. 2,064,719; Dec. 15.

Ball, P. DeC. (See Deschamps, Desire J., assignor.)

Ballard, Harrie A., Beverly, Mass., assignor to The Turner Tanning Machinery Company, Portland, Maine. Machine for operating upon hides, skins, and pieces of leather. 2,063,974; Dec. 15.

Balmford, Alfred B., et al. (See Burn, Walter Scott, assignor.)

Balogh, Andrew M., assignor of one-half to E. L. Hoyles, Chicago, Ill. Fuel mixer. 2,064,720; Dec. 15.

Balsiger, Harold E. (See Gurney, D., Balsiger, and Ott.)

Balz, Emil H., Glenshaw, Pa., assignor to Duplate Corporation. Apparatus for making safety glass. 2,064,514; Dec. 15.

Balzer, Fred, Cincinnati, Ohio, and G. B. Knapmeyer, Covington, Ky., assignors to The American Laundry Machinery Company, Cincinnati, Ohio. Automatic formula control for washing machines. 2,064,053; Dec. 15.

Bannister, Albert R., Sunbury-on-Thames, and F. B. Day, Teddington, assignors to British Emulsifiers Limited, Middlesex, England. Emulsification of butter and milk for the production of artificial cream. 2,064,402; Dec. 15.

Banta, Clifford, Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Production of motor benzol. 2,064,455; Dec. 15.

Barany, Edmund R., New York, N. Y. Geometrical instrument. 2,064,142; Dec. 15.

Barber, Frank F. (See Vollans, Frederick W., assignor.)

Barco Manufacturing Co. (See Gray, Thomas C., assignor.)

Bard-Parker Company. (See Parker, Morgan, assignor.)

Barker, Stacey, Superior, Nebr., assignor to Cherry-Burrell Corporation, Chicago, Ill. Filter. 2,064,403; Dec. 15.

Barnes Tool Company, The. (See Hammond, Grant, assignor.)

Barnett, Henry E., Summit, Miss. Window stop. 2,064,721; Dec. 15.

Barnsteiner, Alfons, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric range. 2,063,975; Dec. 15.

Barothy, Charles F., Hinsdale, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Coin gauge. 2,064,286; Dec. 15.

Barrett Company, The. (See Banta, Clifford, assignor.)

Barrett Company, The. (See Holdsworth, Richard A., assignor.)

Barrett Company, The. (See Meigs, Joseph V., assignor.)

Barrett Company, The. (See Miller, Stuart P., assignor.)

Bartow, John B., Blue Bell, Pa. Acroplane lighting system. 2,064,722; Dec. 15.

Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake. 2,064,367; Dec. 15.

Batchelder, Stanley L. (See Howe, P. D., and Batchelder.)

Batdorf, Seymour, Lancaster, Pa., assignor to Liberty Can and Sign Company. Box. 2,064,241; Dec. 15.

Batcholts, Clinton, Hooslck Falls, N. Y. Electric clock. 2,063,976; Dec. 15.

Bateman, Ralph C., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Tire mold and making the same. 2,064,778; Dec. 15.

Bates, Sidney Q., Houston, Tex. Plug back tool for cementing wells. 2,064,336; Dec. 15.

Baule, Gerhard H. J., assignor of one-half to Grace I. Haley, Syracuse, N. Y. Automatic change speed transmission gearing. 2,064,646; Dec. 15.

Bausch, Edward, and H. F. Kurtz, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Projection apparatus. 2,064,368; Dec. 15.

Bausch & Lomb Optical Company. (See Bausch, E., and Kurtz, assignors.)

Bausch & Lomb Optical Company. (See Ellestad, G. A., and Salmon, assignors.)

Bausch & Lomb Optical Company. (See Scott, Murray R., assignor.)

Bayley, William, Company, The. (See Bayley, William D., assignor.)

Bayley, William D., assignor to The William Bayley Company, Springfield, Ohio. Closure for detention window-guard assemblies. 2,064,334; Dec. 15.

Bayley, William D., assignor to The William Bayley Company, Springfield, Ohio. Window assembly. 2,064,335; Dec. 15.

Beasley, Benjamin T., Atlanta, Ga. Surgeon's electrical heating device for flowing fluids. 2,063,902; Dec. 15.

Beisley, William F., H. D. Spradlin, L. R. Deadrich, and R. H. Eckhoff, Oakland, Calif. Automobile lighting. 2,064,054; Dec. 15.

Bell, Frank B., Pittsburgh, Pa. Mounting for vehicle wheels. 2,064,404; Dec. 15.

Bell & Howell Company, The. (See Stechbart, Bruno, assignor.)

Bell Telephone Laboratories, Incorporated. (See Bieling, C. A., and Richard, assignors.)

Bell Telephone Laboratories, Incorporated, et al. (See Campbell, T. C., assignor, Wheeler and Bowly.)

Bell Telephone Laboratories, Incorporated. (See Gray, Frank, assignor.)

Bell Telephone Laboratories, Incorporated. (See Ives, Herbert E., assignor.)

Bell Telephone Laboratories, Incorporated. (See Pruden, Harold M., assignor.)

Bell Telephone Laboratories, Incorporated. (See Ronci, Victor L., assignor.)

Bell Telephone Laboratories, Incorporated. (See Shann, Oscar A., assignor.)

Bell Telephone Laboratories, Incorporated. (See Wheeler, Clyde H., assignor.)

Belshaw, Charles F., Greenville, Mich. Refrigerator. 2,064,515; Dec. 15.

Belton, Oscar L. (See Belton, Porter L., and O. L.)

Belton, Porter L., and O. L. Belton, Barberton, assignors to Selberling Latex Products Company, Akron, Ohio. Rubber glove and making same. 2,064,143; Dec. 15.

Benatar, Edgar, Bloomfield, N. J. Freight car appliances. 2,064,405; Dec. 15.

Bendix Aviation Corporation. (See Dodge, Ariel Y., assignor.)

Bendix Aviation Corporation. (See Edelen, J. L., and Hunt, assignors.)

Bendix Aviation Corporation. (See Kohr, Robert F., assignor.)

Bendix Aviation Corporation. (See Mahoney, J. P., and Long, assignors.)

Bendix Aviation Corporation. (See Thomas, Archibald P., assignor.)

Bendix Aviation Corporation. (See Werner, Oscar, assignor.)

Bendix Brake Company. (See La Brie, Ludger E., assignor.)

Bendix Brake Company. (See Taylor, Eugene V., assignor.)

Bendix Products Corporation. (See Cunningham, Marion M., assignor.)

Bendix Products Corporation. (See La Brie, Ludger E., assignor.)

Bendix Products Corporation. (See Tatter, John W., assignor.)

Benge, Frank H., Norristown, Pa., assignor to Continental-Diamond Fibre Company, Newark, Del. Gear. 2,064,144; Dec. 15.

Benge, Frank H., Norristown, Pa., assignor to Continental-Diamond Fibre Company, Newark, Del. Gearing. 2,064,723; Dec. 15.

Ber, Leon E., New Orleans, La. Plait anchoring means for garments. 2,064,724; Dec. 15.

Berger, Edwin R., et al. (See Franklin, Albert W., assignor.)

Bermont, Martin, et al. (See Wurm, C., and Goldstein, assignors.)

Berry, Frank K., and A. J. Reedy, Battle Creek, Mich. Cooking apparatus. 2,064,101; Dec. 15

Bialkowsky, Bruno G., assignor to The Tuttle Press Company, Appleton, Wis. Scalloping paper napkins. 2,064,406; Dec. 15.

Bieling, Carl A., Elizabeth, N. J., and C. D. Richard, West New Brighton, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coil winding machine. 2,064,287; Dec. 15.

Biggs, Orrick H., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electric discharge tube. 2,064,369; Dec. 15.

Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubricating installation. 2,063,903; Dec. 15.

Bird, Myron, San Francisco, Calif. Making circular saws. 2,064,407; Dec. 15.

Black, John O., Detroit, Mich. Wood-graining. 2,064,456; Dec. 15.

Black, Leroy G., assignor to American Potash & Chemical Corporation, Trona, Calif. Crystalline anhydrous borax. 2,064,337; Dec. 15.

Black, Lyle F., Roanoke, Va. Tool. 2,064,457; Dec. 15.

Black, William F. (See Dahl, O., and Black.)

Black, William F., South Bend, Ind. Smoker's utensil. 2,063,977; Dec. 15.

Blanchette, Eli, Danville, Killingly, Conn. Stringed instrument. 2,064,516; Dec. 15.

Blech, Waldemar, Cleveland, Ohio, assignor to Thurlow G. Gregory. Detergent composition. 2,064,725; Dec. 15.

Bleecker, Herbert E., New York, N. Y. Fishing apparatus. 2,064,408; Dec. 15.

Block, David J., Winnetka, Ill. Aluminum-coated piston. 2,063,904; Dec. 15.

Bloom, Philip S., Chicago, Ill. Undergarment. 2,064,409; Dec. 15.

Bluehdorn, William R., Hartford, Conn., and F. K. Howard, East Falls Church, Va. Trigger mechanism for machine guns. 2,063,905; Dec. 15.

Bobe, Stanley A. (See Frank, L. C., and Bobe.)

Boch, Oscar A., Brooklyn, assignor of one-half to W. V. Hagendorn, Kew Gardens, N. Y. Location finder. 2,063,906; Dec. 15.

Bodor, Andrew, Newark, N. J., assignor to L. B. Koch, New York, N. Y. Nonrefillable bottle. 2,064,189; Dec. 15.

Bokovoy, Samuel A., Audobon, N. J., assignor to Radio Corporation of America. Quartz piezo-electric element. 2,064,288; Dec. 15.

Bollinger, Paul, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Support for vehicle motors. 2,063,978; Dec. 15.

Bonneau, Paul E., Paris, assignor to Gaston Chausson, Asnieres (Seine), France. Polychromatic photograph and cinematograph method. 2,064,145; Dec. 15.

Booth, Harold S., Cleveland Heights, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Dielectric material. 2,063,979; Dec. 15.

Bordeaux, Claude G. (See White, F. S., and Bordeaux.)

Borg-Warner Corporation. (See Swenson, C. E., and Anderson, assignors.)

Bosch, Robert, Aktiengesellschaft. (See Hurst, Max, assignor.)

Boser, Frank A., Jersey City, N. J. Colostomy outfit. 2,064,586; Dec. 15.

Bossart, Paul N. (See Whitelock, L. D., Bossart, Place, and Sorenson.)

Bossart, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway communicating system. 2,064,640; Dec. 15.

Bossart, Paul N., Cheswick, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for railway train communication systems. 2,064,641; Dec. 15.

Bossart, Paul N., Cheswick, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway train communication system. 2,064,642; Dec. 15.

Bossart, Paul N., Cheswick, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for railway train communication. 2,064,643; Dec. 15.

Boston Clip & Tag Company. (See Hall, William L., assignor.)

Bowen, Albert H., assignor to I. F. Laucks, Inc., Seattle, Wash. Synthetic phenol resin adhesive. 2,064,410; Dec. 15.

Bowers, Whitefield, Michigan City, Ind. Razor assembly. 2,064,102; Dec. 15.

Bowly, Heyward W. (See Campbell, T. C., Wheeler, and Bowly.)

Bracewell, Russell S., South Hadley, Mass. Apparatus for treating paper. 2,063,887; Dec. 15.

Bracewell, Russell S., South Hadley, Mass. Treating pyroxylin conted paper to eliminate curl. 2,063,888; Dec. 15.

Bradbury, William T. (See Kahn, B. B., and Bradbury.)

Braden, Rene A., New York, N. Y., assignor to Radio Corporation of America. Constant resistance amplifier circuit. 2,064,146; Dec. 15.

Bradford, Zerbe C. (See Mapes, C. W., and Bradford.)

Bragg-Kliesrath Corporation. (See Kliesrath, V. W., and Sanford, assignors.)

Bragg-Kliesrath Corporation. (See Pike, Henry L., assignor.)

Brandstein, Samuel J., Brooklyn, N. Y. Combination bowl and adjustable moisture tight cover therefor. 2,064,411; Dec. 15.

Breitling, Ernst, Essen, Germany, assignor, by mesne assignments, to The National Cash Register Co., Dayton, Ohio. Controlling mechanism for cash registers and calculating machines. 2,064,147; Dec. 15.

Brelsford, Harry E., Birmingham, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Gauge glass. 2,064,148; Dec. 15.

Brenn, Carl W., Montclair, N. J. News and advertising exhibiting. 2,064,190; Dec. 15.

Brice, Brooks A., Washington, D. C., assignor to Henry A. Wallace, Secretary of Agriculture of the United States of America. Photoelectric cell circuit. 2,064,517; Dec. 15.

Briggs, Joseph A., Erlton, N. J., assignor to Radio Corporation of America. Speed control device. 2,064,779; Dec. 15.

British Emulsifiers Limited. (See Bannister, A. R., and Day, assignors.)

Brogden, Ronald R., Pomona, Calif., assignor to Brogdex Company, Winter Haven, Fla. Transporting and or storing articles in unit containers. 2,064,518; Dec. 15.

Brogdex Company. (See Brogden, Ronald R., assignor.)

Brooks, Paul J., Lakewood, assignor to The Hankins Container Company, Cleveland, Ohio. Container. 2,064,191; Dec. 15.

Brown, Arthur B., Hammond, Ind., and F. F. Diwoky, Chicago, Ill., assignors to Standard Oil Company, Chicago, Ill. Solvent extraction of oils. 2,064,338; Dec. 15.

Brown, Charles H., Brooklyn, N. Y., assignor to Radio Corporation of America. Protective circuit. 2,064,192; Dec. 15.

Brown Company. (See Richter, G. A., and McKinney, assignors.)

Brown Company. (See Schur, Milton O., assignor.)

Brown, Harry W., Louisville, Colo. Jack. 2,064,370; Dec. 15.

Brown, Winslow R., Harrisburg, Pa. Atomizer. 2,064,726; Dec. 15.

Brownell, John R., and C. B. Little, Dayton, Ohio, assignors, by mesne assignments, to Minneapolis-Honeywell Regulator Company. Apparatus for controlling stokers. 2,064,193; Dec. 15.

Bruce, Chester F., assignor to Greenfield Tap and Die Corporation, Greenfield, Mass. Die holder. 2,063,980; Dec. 15.

Bruce, Jesse R. (See Shank, Claude, assignor.)

Bruderlin, Emil J. (See Levison, S. H., and Bruderlin.)

Brunner, Harry C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective system for polyphase motors. 2,063,981; Dec. 15.

Bruns, Anthony C., Cincinnati, assignor to The Palmer Company, St. Bernard, Ohio. Thermometer. 2,064,149; Dec. 15.

Budd, Edward G., Manufacturing Co. (See Hochreiter, E., and McGary, assignors.)

Budd, Edward G. Manufacturing Company. (See Ragsdale, Earl J. W., assignor.)

Buer, Carl H., Cologne-Marienburg, Germany. Manufacture of stable preparations having a high content of commercial lecithin. 2,064,727; Dec. 15.

Buffalo Electro-Chemical Company. (See Kauffmann, H. O., and Crandell, assignors.)

Bulpit, Harry C., and S. S. Holden, assignors to Grant-Holden-Graham Limited, Ottawa, Ontario, Canada. Sleeping robe. 2,064,458; Dec. 15.

Bumann, Emil F., Chicago, Ill. Window construction. 2,064,459; Dec. 15.

Bunbury, Hugh M., Prestwich, and R. B. F. F. Clarke, Cheadle Hulme, England, assignors to Imperial Chemical Industries Limited. Stabilized rubber latex. 2,063,982; Dec. 15.

Burdick, Vincent H., Gardena, Calif. Cam assembly for brakes. 2,064,103; Dec. 15.

Burn, Walter S., Hartlepool, assignor to The National Gas and Oil Engine Company Limited, Alfred Bickerton Balmford, Ashton-under-Lyne, and Walter S. Burn, Hartlepool, England. Piston construction of internal combustion engines. 2,064,371; Dec. 15.

Burroughs Adding Machine Company. (See Pasinski, Walter J., assignor.)

Burton, Warren D., Goshen, Ind., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company. Heating system control. 2,064,194; Dec. 15.

Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cooling device. 2,064,372; Dec. 15.

Busch-Sulzer Bros.-Diesel Engine Company. (See Wohanka, George J., assignor.)

C-S Engineering Company. (See Schellens, C. A., and Emery, assignors.)

Cady, Walter G., Middletown, Conn., assignor to Radio Corporation of America. Frequency control system. 2,064,289; Dec. 15.

Calco Chemical Company, The. (See Munro, W. P., and Lecher, assignors.)

Calcott, William S., Penns Grove, Ira Williams, Woodstown, N. J., and B. Dales, Wilmington, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Colloidal sulphur. 2,064,728; Dec. 15.

Calvert, William C., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Printer's blanket. 2,064,780; Dec. 15.

Campbell, Forest S., Henryetta, Okla. Glass cutting device. 2,064,243; Dec. 15.

Campbell, Thaddeus C., Rutherford, C. H. Wheeler, Midland Park, and H. W. Bowly, Summit, N. J., said Campbell and Wheeler assignors to Bell Telephone Laboratories, Incorporated, New York, and said Bowly assignor to Western Electric Company, Incorporated, New York, N. Y. Support for wires. 2,064,290; Dec. 15.

Candy, Albert T., Jr., Oak Park, assignor to Candy & Company, Inc., Chicago, Ill. Coating insulated wire and the like. 2,063,889; Dec. 15.

Candy & Company. (See Candy, Albert T., Jr., assignor.)

Carborundum Company, The. (See Hutto, Marsden C., assignor.)

Card, William C., Jr., Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Trimming machine. 2,064,291; Dec. 15.

Carey, Philip, Manufacturing Company. (See Fischer, Albert C., assignor.)

Carlstedt, Fredrik, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,064,587; Dec. 15.

Carleton, Ralph D., Snyder, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation. Bomb support. 2,064,729; Dec. 15.

Carpenter, Walter E., Belmar, N. J., assignor to The Dickerson Company, Newark, N. J. Refrigerated storage compartment. 2,064,412; Dec. 15.

Carr, Wayne D., and H. E. Shirey, Pinckney, Mich. Battery and generator indicator. 2,064,460; Dec. 15.

Carrier, Hiram W., Atlantic, Pa. Utility and animal shears. 2,064,730; Dec. 15.

Carriere, John G., Martinez, and L. Rosenstein, San Francisco, assignors to Shell Development Company, San Francisco, Calif. Apparatus for cleaning containers. 2,064,373; Dec. 15.

Carroll, George S., Chicopee, Mass. Paper manufacture. 2,064,647; Dec. 15.

Carson, William W., Jr. (See Davies, L. L., Resek, and Carson.)

Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,064,104; Dec. 15.

Caserta, Alfred E., assignor to The Henry & Wright Manufacturing Company, Hartford, Conn. Automatic punch press. 2,064,731; Dec. 15.

Casey, Patrick J., Falls Creek, and M. S. Sibley, Brockway, Pa. Highway appliance. 2,064,519; Dec. 15.

Celanese Corporation of America. (See Dreyfus, C., and Platt.)

Celanese Corporation of America. (See Martin, Herbert E., assignor.)

Celanese Corporation of America. (See Oxley, H. F., and Groombridge, assignors.)

Celanese Corporation of America. (See Riley, R. H. J., Parkinson, and Sims, assignors.)

Celanese Corporation of America. (See Seymour, George W., assignor.)

Celanese Corporation of America. (See Taylor, W. I., and Grebby, assignors.)

Ceramic Process Company, The. (See Wulf, Charles A., assignor.)

Charch, William H., Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition of matter. 2,064,292; Dec. 15.

Chase, George C., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,063,983; Dec. 15.

Chase, George C., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,063,984; Dec. 15.

Chausson, Gaston. (See Bonneau, Paul E., assignor.)

Cherry-Burrell Corporation. (See Barker, Stacey, assignor.)
Chicago Flexible Shaft Company. (See Jepson, I., and Sigman, assignors.)
Chicago Flexible Shaft Company. (See McArdle, Michael W., assignor.)
Chilton, Roland, Ridgewood, and R. F. Gagg, Fair Lawn, N. J., assignors to The Reed Propeller Co., Inc. Cylinder fin construction. 2,064,461; Dec. 15.
Chittenden, Fayette D., Providence, R. I., assignor to United States Rubber Products, Inc., New York, N. Y. Elastic yarn and making the same. 2,064,801; Dec. 15.
Chubbuck, Charles L., San Marino, Calif. Forming lime compositions. 2,064,588; Dec. 15.
Clark, Lee H., Grosse Ile, Mich., assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Chlorinating hydrocarbons. 2,064,413; Dec. 15.
Clark, Lucie A. (See Clark, Ralph O. and Lucie A.)
Clark, Ralph O. and Lucie A., Estherville, Iowa. Electric fluting machine. 2,064,732; Dec. 15.
Clarke, Robert B. F. F. (See Bunbury, H. M., and Clarke.)
Cleveland Tractor Company, The. (See Heaslet, James G., assignor.)
Clopay Corporation. (See Johnson, Samuel J., assignor.)
Cocke, Kenneth J. R., Rugby, England, assignor to General Electric Company. Pump or compressor. 2,064,648; Dec. 15.
Coffey, Douglas F. W., New York, N. Y., assignor to Winnik Stereoscopic Processes, Incorporated, Wilmington, Del. Apparatus for making a composite stereograph. 2,063,985; Dec. 15.
Cohen, Samuel, Brooklyn, assignor to General Instrument Corporation, New York, N. Y. Variable condenser and trimmer therefor. 2,063,986; Dec. 15.
Cohn, Irwin E., and W. E. Tait, New York, assignors to Irwin Novelty Co., Inc., New York, N. Y. Film splicing device. 2,064,414; Dec. 15.
Cole, Harry C., Natick, Mass. Windshield heater. 2,064,055; Dec. 15.
Collins & Aikman Corporation. (See Kaufman, Frank M., assignor.)
Collins, Harold E., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Belt. 2,064,781; Dec. 15.
Colman, Ben, Detroit, Mich., assignor to The Worth Company. Car loading device. 2,064,415; Dec. 15.
Columbus McKinnon Chain Corporation. (See Stahl, F. E., and Kieffer, assignor.)
Combustion Engineering Company. (See Kruse, John R., assignor.)
Combustion Engineering Company. (See Wood, Wilfred R., assignor.)
Compagnie Generale de Telegraphie Sans Fil. (See Rocard, Yves, assignor.)
Compo Shoe Machinery Corporation. (See Card, William C., Jr., assignor.)
Comstock, George F., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Low-carbon ferro-titanium-silicon alloy. 2,064,150; Dec. 15.
Conaway, Nathaniel M., Seaford, Del. Attachment for sewing machines. 2,064,733; Dec. 15.
Conboy, Philip J., Philadelphia, Pa. Differential gearing. 2,064,152; Dec. 15.
Condenser Development Corporation. (See Libby, Albion D. T., assignor.)
Cone, Carroll. (See Playford, H. E., Hoge, and Cone.)
Congoleum-Nairn Inc. (See Allen, F. M., and Egge.)
Conlee, George W., Des Moines, Iowa. Flower, fruit, and vegetable gathering tool. 2,064,105; Dec. 15.
Connell, J. M. Shoe Co. (See Reggie, Christy, assignor.)
Connecticut Telephone & Electric Corporation. (See Curtiss, William R., assignor.)
Consolidated Patents Corporation. (See Miner, George H., assignor.)
Continental Can Company. (See Fink, Henry A., assignor.)
Continental Can Company. (See Morgan, William H., assignor.)
Continental-Diamond Fibre Company. (See Benge, Frank H., assignor.)
Continental Folding Paper Box Co. (See Rossum, Charles, assignor.)
Convers, Wilber H., Poughkeepsie, N. Y. Apparatus for heating wire. 2,064,589; Dec. 15.
Cookson, Byron L., Benton Harbor, Mich. Display stand. 2,064,056; Dec. 15.
Cooper, Maxey C., Detroit, Mich. Wallpaper remover. 2,064,374; Dec. 15.
Cossart, Léon R. C., Paris, France. Engine valve gear. 2,064,293; Dec. 15.
Cost, William A., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Grader control. 2,064,375; Dec. 15.
Cothran, James S., Charlotte, N. C. Juvenile toilet seat. 2,064,294; Dec. 15.
Coulter, Harold B., Larchmont, assignor to The Dorr Company, Inc., New York, N. Y. Sedimentation apparatus. 2,064,151; Dec. 15.
Craig, Palmer M., Camden, and A. K. Ward, Audubon, N. J., assignors to Radio Corporation of America. Visual volume control. 2,064,462; Dec. 15.
Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Thiazyl derivatives and making. 2,064,782; Dec. 15.
Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Thiazyl derivatives. 2,064,783; Dec. 15.
Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Thiazyl-dithiocarbamates. 2,064,784; Dec. 15.
Crandell, Dean D. (See Kaufmann, H. O., and Crandell.)
Crandell, Dean D., assignor to National Gypsum Company, Buffalo, N. Y. Sealed joint. 2,064,785; Dec. 15.
Crane, Edward J., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Power transmission mechanism. 2,064,295; Dec. 15.
Crawford, William L., Plainfield, N. J. Flat stereotype metal distributor. 2,064,734; Dec. 15.
Crist, Edgar L., Dayton, Ohio. Producing printing plates. 2,064,057; Dec. 15.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Receiver. 2,064,106; Dec. 15.
Crosley, Powel, Jr., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Motor boat and driving unit therefor. 2,064,463; Dec. 15.
Crosley Radio Corporation, The. (See Crosley, Powell, Jr., assignor.)
Crosthwait, David N., Jr. (See Dunham, C. A., and Crosthwait.)
Croxdale, Earl T., New York, N. Y. Power mechanism. 2,064,339; Dec. 15.
Cummins Perforator Company. (See Swanson, Hjalmar A., assignor.)
Cunningham, Marion M., assignor to Bendix Products Corporation, South Bend, Ind. Container. 2,064,590; Dec. 15.
Curtis, Leslie F., and P. B. Scharf, assignors to United American Bosch Corporation, Springfield, Mass. Radio dial. 2,064,520; Dec. 15.
Curtiss, William R., assignor to Connecticut Telephone & Electric Corporation, Meriden, Conn. Signal device. 2,064,735; Dec. 15.
Curtiss-Wright Corporation. (See Carleton, Ralph D., assignor.)
Curtiss-Wright Corporation. (See Luburg, Guy A., assignor.)
Curtiss-Wright Corporation. (See Luburg, G. A., Molloy, and Flader, assignors.)
Dahl, Magnus G., West Hartford, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Electrical disconnecting device. 2,064,736; Dec. 15.
Dahl, Oscar, and W. F. Black, La Rochelle, France. Upwardly swelling fishing nut. 2,064,296; Dec. 15.
Dales, Beton. (See Calcott, W. S., Williams, and Dales.)
Dillenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Mearf", Utrecht, Netherlands. Radio receiving set for ultra-short waves. 2,064,242; Dec. 15.
Daniel, Robert S., assignor of one-half to J. J. Duffie, New York, N. Y. Visible margin file. 2,064,737; Dec. 15.
Daniel, Royal G., Beverly Hills, Calif. Vulcanizer adapter. 2,064,416; Dec. 15.
Darby, Robert F., Oak Park, assignor to American Steel Foundries, Chicago, Ill. Truck. 2,064,464; Dec. 15.
David, Toney, Winfield, N. Y. Nonbreakable clothespin. 2,064,591; Dec. 15.
Davidson, William W., Evanston, Ill. Blank feeding and stopping mechanism. 2,064,521; Dec. 15.
Davies, Lloyd L., Knoxville, Tenn., J. V. Resek, Cleveland, Ohio, and W. W. Carson, Jr., Knoxville, Tenn., assignors to The Fulton Sylphon Company, Knoxville, Tenn. Fluid mixing device. 2,064,244; Dec. 15.
Davis, Frank K., Silver Spring, Md., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting, bookkeeping, and card-perforating machine. 2,064,340; Dec. 15.
Davis, Jesse H., Baltimore, Md. Method of and apparatus for treating materials for the destruction of insect life therein. 2,064,522; Dec. 15.
Davis, Norman E., Chelmsford, and R. C. Quick, Shenfield, England, assignors to Radio Corporation of America. Combination antenna and load supply system. 2,064,465; Dec. 15.
Day, Frank B. (See Bannister, A. R., and Day.)
Day, J. H., Company, The. (See Kirchhoff, William G., assignor.)
Deadrich, Louis R. (See Beisley, W. F., Spradlin, Deadrich, and Eckhoff.)
Dearborn, Charles A., assignor to American Blind Stitch Machine Company, New York, N. Y. Work supporting means for sewing machines. 2,064,153; Dec. 15.
De Cary, August L., Detroit, Mich., assignor to Douglas, Lomason Company. Adjustable seat construction. 2,064,592; Dec. 15.
Deckel, Friedrich. (See Deckel, Hans C., assignor.)
Deckel, Hans C., Solln, near Munich, assignor to F. Deckel, Munich-Prinz Ludwigshohe, Germany. Photographic camera. 2,064,341; Dec. 15.
Deere & Company. (See Thomann, Frederick A., assignor.)
De Fee, Joseph H. (See Smith, B. F., and De Fee.)
De Forest, Lee, Hollywood, Calif., assignor to General Talking Pictures Corporation, New York, N. Y. Apparatus for reproducing sound on film. 2,064,593; Dec. 15.

De Laval Separator Company, The. (See Hapgood, Cyrus H., assignor.)
Delco Aviation Corporation. (See Walters, Herbert C., assignor.)
Del Re, Gennaro, Brooklyn, assignor to Novelty Slipper Co. Inc., New York, N. Y. Making turned footwear. 2,064,417; Dec. 15.
De Michelis, Peter, San Francisco, Calif. Propulsion unit. 2,064,195; Dec. 15.
De Neergaard, Leif E., assignor to T. J. Moroney, Dallas, Tex. Radio signal system. 2,063,890; Dec. 15.
Dennison Manufacturing Company. (See Flood, Carl A., assignor.)
Dent, Harry M., Buffalo, assignor to General Plastics, Inc., North Tonawanda, N. Y. Drying oil composition. 2,064,786; Dec. 15.
Derringer, Percy O., assignor to Knapp-Monarch Company, St. Louis, Mo. Electric vibrator. 2,064,418; Dec. 15.
Deschamps, Desire J., assignor of one-half to P. DeC. Ball, St. Louis, Mo. Internal combustion engine. 2,064,196; Dec. 15.
Deutcher, Ferdinand, Portland, Oreg. Berry picking device. 2,064,523; Dec. 15.
De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Fish lure. 2,064,419; Dec. 15.
Diamond Power Specialty Corporation. (See Brelsford, Harry E., assignor.)
Dick, Herman J., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,063,988; Dec. 15.
Dickerson Company, The. (See Carpenter, Walter E., assignor.)
Dickey, Ralph L., Upper Montclair, N. J., assignor to United States Rubber Products, Inc., New York, N. Y. Laundry net. 2,064,594; Dec. 15.
Diefenbach, Albert, Arlesheim, Switzerland. Opening up cocoa beans. 2,064,524; Dec. 15.
Diedrich, Paul, Finkenkrug, assignor to Schering-Kahlbaum A. G., Berlin, Germany. Hydroxy alkoxy derivatives of 2-phenylquinoline-4-carboxylic acid and making same. 2,064,297; Dec. 15.
Dirkes, Robert F., Jamaica, N. Y., and V. R. Kimball, Palisades Park, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Regenerative repeater. 2,064,298; Dec. 15.
Dittmar, Richard A., Hudson, N. Y. Dust shield. 2,064,245; Dec. 15.
Ditto, Incorporated. (See Marchev, Alfred, assignor.)
Diwoky, Fred F. (See Brown, A. B., and Diwoky.)
Dlog, Inc. (See Gervais, Joseph A., assignor.)
Dmitrevskij, Petr, and D. Astrov, Prague, Czechoslovakia. Tube system for heat exchange. 2,064,246; Dec. 15.
Dodd, Arthur E., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,064,420; Dec. 15.
Dodge, Adiel Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,064,595; Dec. 15.
Dodge, Elbert S., Ilion, and W. L. Philbin, Frankfort, assignors to Remington Rand Inc., Buffalo, N. Y. Typewriting and like machine. 2,064,154; Dec. 15.
Dolly Toy Company, The. (See Irenius, Joseph V., assignor.)
Donahue, Alphonsus J. (See Rocke, Louis, assignor.)
Doran, John H., Scotia, N. Y., assignor to General Electric Company. Elastic fluid turbine. 2,064,649; Dec. 15.
Dorr Company, The. (See Coulter, Harold B., assignor.)
Dorr Company, The. (See Fischer, Anthony J., assignor.)
Dorr Company, The. (See Fischer, A. J., and Lund, assignors.)
Doubrava, Harry W. (See Harris, I. C., and Doubrava.)
Douglas, James K. (See Ferris W., and Douglas.)
Douglas, Lomason Company. (See de Cary, August L., assignor.)
Downey, Hugh B., Kansas City, Mo. Football game. 2,064,466; Dec. 15.
Doyon, Wilfred, Detroit, Mich. Electric heating attachment for hot water bags and the like. 2,064,248; Dec. 15.
Draper Corporation. (See Tebo, William A., assignor.)
Dreyfus, Camille, New York, N. Y., and H. Platt, Cumberland, Md., assignors to Celanese Corporation of America. Delustering fabric. 2,063,907; Dec. 15.
Dreyfus, Henry, London, England. Manufacture of chlorhydrins and their ethers. 2,063,891; Dec. 15.
Dreyfus, Henry, London, England. Amino carboxylic acid condensation products and making them. 2,063,987; Dec. 15.
Dreyfus, Henry, London, England. Amino-carboxylic acid derivatives in wet treatments. 2,063,908; Dec. 15.
Droll, Joseph W. (See Olson, Alex H., assignor.)
Ducker, Louis F., Mariemont, assignor to C. H. C. Van Pelt and R. A. Kaps, Cincinnati, Ohio, and L. F. Ducker, as trustees. Liquid expresser. 2,064,787; Dec. 15.
Duffie, John J. (See Daniel, Robert S., assignor.)
Duffy Silk Company, The. (See Hemmerich, Paul, assignor.)
Du Mond, Jesse W. M., Pasadena, Calif. Stereofluoroscopic apparatus. 2,063,989; Dec. 15.
Dunham, C. A., Company. (See Dunham, C. A., and Crosthwait, assignors.)
Dunham, Clayton A., Glencoe, Ill., and D. N. Crosthwait, assignors to C. A. Dunham Company, Marshalltown, Iowa. Heating. 2,064,197; Dec. 15.
Duplate Corporation. (See Balz, Emil H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., Williams, and Dales, assignors.)
Du Pont, E. I., de Nemours & Company. (See Charch, William H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Edgar, Donald E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Fonda, J. S., and Filson, assignors.)
Du Pont, E. I., de Nemours & Company. (See Hucks, Robert T., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hunt, James K., assignor.)
Du Pont, E. I., de Nemours & Company. (See Picard, R., and Fays, assignors.)
Du Pont, E. I., de Nemours & Company. (See Williams, I., and Smith, assignors.)
Du Pont, E. I., de Nemours & Company. (See Wilson, Fred R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Zwilgmeyer, Frithjof, assignor.)
Durant, John D., assignor to Schwarze Electric Company, Adrian, Mich. Pressure gauge. 2,064,198; Dec. 15.
Duro Metal Products Company. (See McCaleb, Albert G., assignor.)
Duro Metal Products Company. (See McNaught, N. F., and Peterson.)
Dustbone Products Limited. (See Baldwin, Clayton J., assignor.)
Dym, Joseph B., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Air-purifying canister. 2,063,990; Dec. 15.
Ebert, Fritz, assignor to Mauser-Werke A.-G., Oberndorf-on-the-Neckar, Germany. Garment such as knickers and the like. 2,064,249; Dec. 15.
Eckhoff, Robert H. (See Beisley, W. F., Spradlin, Deadrich, and Eckhoff.)
Eclipse Aviation Corporation. (See Lansing, Raymond P., assignor.)
Eclipse Machine Company. (See Maurer, Paul H., assignor.)
Eclipse Machine Company. (See McGrath, William L., assignor.)
Eclipse Machine Company. (See Sayre, Gordon B., assignor.)
Eddy Paper Corporation, The. (See Naylor, Milton K., assignor.)
Edelen, James L., South Bend, Ind., and S. F. Hunt, Detroit, Mich., assignors to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,064,596; Dec. 15.
Edgar, Donald E., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Adhesive composition. 2,064,802; Dec. 15.
Edison General Electric Appliance Company. (See Sharp, John C., assignor.)
Edwards, Alfred K. (See Fabian, H., and Edwards, assignors.)
Egge, Walter S. (See Allen, F. M., and Egge.)
Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Lenticular stencil film. 2,064,058; Dec. 15.
Eglinton, William D., Croydon, England. Folding spectacles. 2,064,525; Dec. 15.
Elnson-Freeman Co. (See Leigh, Nathan J., assignor.)
Elder, Paul, assignor to Roy D. Lamond, Chicago, Ill. Electrical conduit. 2,064,199; Dec. 15.
Electrolux Corporation. (See Carlstedt, Fredrik, assignor.)
Elektricitatsgesellschaft "Sanitas". (See Herrmann, Heinrich, assignor.)
Ellestad, Gerhard A., Rochester, and C. S. Salmon, Greece, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,064,376; Dec. 15.
Elliott Company. (See Elliott, William S., assignor.)
Elliott Company. (See Humble, Eugene A., assignor.)
Elliott, William S., assignor to Elliott Company, Pittsburgh, Pa. Tube cleaner. 2,063,991; Dec. 15.
Elsey, Howard M., Oakmont, Pa., assignor to Westinghouse Electric & Manufacturing Company. Facsimile reception. 2,063,992; Dec. 15.
Emanueli, Luigi, Milan, Italy, assignor to Società Italiana Pirelli. Apparatus for degasifying liquids. 2,064,650; Dec. 15.
Emery, George W. (See Schellens, C. A., and Emery.)
Engel, John L., Brooklyn, N. Y. Container. 2,064,526; Dec. 15.
Engelmann, Julius R., Jersey City, N. J. Freezing and dispensing apparatus. 2,064,597; Dec. 15.
England, August J., Providence, R. I. Assembling threaded elements. 2,064,342; Dec. 15.
Eppler, Andrew, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe-turning machine. 2,063,993; Dec. 15.
Ericsson, Elov, St. Paul, Minn. Sealing means for pneumatic springs and the like. 2,064,527; Dec. 15.
Erny, Charles G., Philadelphia, Pa. Spark plug. 2,064,738; Dec. 15.
Erskine, Malcolm E., assignor to Racine Tool and Machine Company, Racine, Wis. Pump governor. 2,064,421; Dec. 15.

Estate Stove Company, The. (See Kahn, B. B., and Bradbury, assignors.)
Evans, Archibald D., assignor to The Wean Engineering Company, Incorporated, Warren, Ohio. Measuring device. 2,064,467; Dec. 15.
Evans, Seth, assignor to Hughes Tool Company, Houston, Tex. Kick-off collar. 2,064,247; Dec. 15.
Faber, Herbert A., Cincinnati, Ohio. Wall construction. 2,064,788; Dec. 15.
Faber, Herbert A., Cincinnati, Ohio. Building construction. 2,064,789; Dec. 15.
Faber, Herbert A., Cincinnati, Ohio. Wall construction. 2,064,790; Dec. 15.
Faber, Herbert A., Cincinnati, Ohio. Assembling blocks and structure resulting therefrom. 2,064,791; Dec. 15.
Fabian, Harry, and A. K. Edwards, Philadelphia, Pa. Cutting device for sewing machines. 2,064,598; Dec. 15.
Fahrenwald, Frank A., Chicago, Ill. Valve and seat for internal combustion. 2,064,155; Dec. 15.
Fairbanks, Morse & Company. (See Rix, Milton H., assignor.)
Falk, Elias, Hartford, Conn. Sanding device. 2,064,250; Dec. 15.
Fanselow, John R. (See Wilkinson, A. D., and Fanselow.)
Farner, John C. (See Shuver, W. G., and Farner.)
Fays, René. (See Picard, R., and Fays.)
Fedders Manufacturing Company. (See Askin, Joseph, assignor.)
Fellmeth, Jacob W., Danville, assignor to A. Finkl & Sons Company, Chicago, Ill. Detachable dipper tooth. 2,064,059; Dec. 15.
Felt & Tarrant Manufacturing Company. (See Turck, Joseph A. V., assignor.)
Fenske, Merrell R., and W. B. McCluer, State College, Pa., assignors to Pennsylvania Petroleum Research Corporation. Process and apparatus for treating mineral oils. 2,064,422; Dec. 15.
Ferris, Walter, and J. K. Douglas, assignors to The Oilgear Company, Milwaukee, Wis. Pump or motor. 2,064,299; Dec. 15.
Ferrocart Corporation of America. (See Vogt, Hans, assignor.)
Fibreboard Products, Inc. (See Ford, G. F., and Pittman, assignors.)
Fiene, Marcus E., Ballston Lake, N. Y., assignor to General Electric Company. Humidity responsive device. 2,064,651; Dec. 15.
Filson, George W. (See Fonda, J. S., and Filson.)
Fink, Henry A., Pelham Manor, assignor to Continental Can Company, Inc., New York, N. Y. Friction top can. 2,064,739; Dec. 15.
Finkl, A., & Sons Company. (See Fellmeth, Jacob W., assignor.)
Finley & Hamilton, Inc. (See Finley, W. H., and Hamilton, assignors.)
Finley, Walter H., and C. H. Hamilton, assignors to Finley & Hamilton, Inc., Nashville, Tenn. Pressure operated valve structure. 2,064,343; Dec. 15.
Firth, David, assignor to Marvel Carbureter Company, Flint, Mich. Carburetor float stabilizer. 2,064,156; Dec. 15.
Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Support for separating strips. 2,064,528; Dec. 15.
Fischer, Anthony J., Jackson Heights, assignor to The Dorr Company, Inc., New York, N. Y. Sedimentation apparatus. 2,064,792; Dec. 15.
Fischer, Antnony J., Jackson Heights, and N. B. Lund, Seaford, N. Y., assignors to The Dorr Company, Inc., New York, N. Y. Sewage sludge multidigestion. 2,064,529; Dec. 15.
Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Traveling crane. 2,063,909; Dec. 15.
Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Traveling crane. 2,063,910; Dec. 15.
Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Traveling crane. 2,063,911; Dec. 15.
Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Cable winding mechanism. 2,063,912; Dec. 15.
Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Gantry crane. 2,063,913; Dec. 15.
Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Trolley hoist. 2,063,914; Dec. 15.
Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Traveling crane. 2,063,915; Dec. 15.
Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Load handling mechanism. 2,063,916; Dec. 15.
Flader, Fredric E. (See Luburg, G. A., Molloy, and Flader.)
Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. String ticket attaching device. 2,063,917; Dec. 15.
Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. String loop attaching method. 2,063,918; Dec. 15.
Flurscheim, Cedric H., Fleet, England, assignor to General Electric Company. Liquid immersed electric circuit breaker. 2,064,652; Dec. 15.
Foges, Georg, Prague, Czechoslovakia. Method of and apparatus for guiding aircraft in landing. 2,064,599; Dec. 15.
Fonda, John S., Buffalo, and G. W. Filson, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of artificial thread. 2,064,300; Dec. 15.
Fontaine, Julian F., Meadville, Pa. Sanitary belt. 2,064,740; Dec. 15.
Foote Burt Company, The. (See Schiltz, Bernard P., assignor.)
Forbes, John, Winnipeg, Manitoba, Canada. Gas mixer. 2,064,251; Dec. 15.
Force, John W. (See Powell, C. E., Force, and Ofeldt.)
Ford, George F., Beverly Hills, and W. F. Pittman, Huntington Park, assignors to Fibreboard Products, Inc., San Francisco, Calif. Machine for closing cartons. 2,064,200; Dec. 15.
Foresman, Robert A. (See Mosshart, D. J., and Foresman.)
Forstrom, Edward W., Stratford, Conn., assignor to General Electric Company. Driving mechanism for washing machines and the like. 2,064,053; Dec. 15.
Fortney, Brauddus B., Louisville, Ky. Incandescent lamp and projection device. 2,064,252; Dec. 15.
Fortney, Brauddus B., Louisville, Ky. Nonglare headlight construction. 2,064,253; Dec. 15.
Foster, Harold B., Williamsville, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production of phthalic anhydride in finely divided solid form. 2,064,468; Dec. 15.
Foster, Nathaniel L. (See Sipe, Harry E., assignor.)
Fox, Gordon, assignor to Freyn Engineering Company, Chicago, Ill. Hot blast valve. 2,064,201; Dec. 15.
Frank, Leo C., Irwin, and S. A. Bobe, McKeesport, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Emergency electric plant. 2,063,994; Dec. 15.
Frank, Pardee H., assignor to The Timken Roller Bearing Company, Canton, Ohio. Rolling mill bearing. 2,063,741; Dec. 15.
Franklin, Albert W., New York, N. Y., assignor of one-half to E. R. Berger, West Long Branch, N. J., and J. Foster, Brightwaters, N. Y. Switch construction. 2,064,157; Dec. 15.
Franklin Railway Supply Company. (See Zouck, George H., assignor.)
Freche, Hertha R. (See Nock, J. A., Jr., and Freche.)
Fredericksen, James P., Woliaston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for pressing the bottoms of shoes. 2,063,919; Dec. 15.
Freeman, John R., Jr., Cheshire, and R. L. Hungerford, Waterbury, assignors to The American Brass Company, Waterbury, Conn. Producing a bronze finish on copper and copper alloys. 2,064,301; Dec. 15.
Frenkel, Gennady, Kingston-on-Thames, England. Mirror and display device. 2,064,060; Dec. 15.
Frese, Joseph F., assignor to Monitor Controller Company, Baltimore Md. Speed control for electric motors. 2,064,302; Dec. 15.
Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Control system for electric motors. 2,064,303; Dec. 15.
Freyn Engineering Company. (See Fox, Gordon, assignor.)
Friend, Richard N., Sioux City, Iowa. Closure fastener for emergency doors. 2,064,202; Dec. 15.
Friestedt, Arthur A., McHenry, Ill. Steering controller. 2,063,920; Dec. 15.
Friestedt, Arthur A., McHenry, Ill. Steering controller. 2,064,600; Dec. 15.
Fruit and Produce Packing, Inc. (See Krannert, Herman C., assignor.)
Fuchs, Otto, Frankfort-on-the-Main, E. Naujoks, Berlin-Zehlendorf Mitte, and W. Querfurth, Mainz-Mombach, Germany. Production of higher ketones. 2,064,254; Dec. 15.
Fulton Syphon Company, The. (See Davies, L. L., Resek, and Carson.)
Gagg, Rudolph F. (See Chilton, R., and Gagg.)
Gaikin, Joseph, New York, N. Y. Ornamental loop-stitch sewing machine. 2,063,995; Dec. 15.
Gannon, James E., assignor to American Electric Heating Company, Erie, Pa. Electric heating system. 2,064,654; Dec. 15.
Garbell, Max, assignor to Victor Adding Machine Company, Chicago, Ill. Recording machine. 2,064,203; Dec. 15.
Garfield, Lewis E., assignor to Hughes Tool Company, Houston, Tex. Removable core breaker. 2,064,255; Dec. 15.
Gasoline Products Company. (See Atwell, Harold V., assignor.)
Gasoline Products Co. Inc. (See Keith, Percival C., Jr., assignor.)
Gelsthorp, Frederick, and J. C. Parkinson, Tarentum, Pa., assignors to Pittsburgh Plate Glass Company. Double glazed window. 2,064,530; Dec. 15.
Gem Hammock and Fly Net Company. (See Kootz, Arthur C., assignor.)
Genecand, Félix, assignor to Tricouni Société Anonyme, Geneva, Switzerland. Metal protector for footwear or the hoofs of animals. 2,064,531; Dec. 15.
General Aniline Works, Inc. (See Grotowsky, Hans, assignor.)

General Electric Company. (See Abbott, Charles C., assignor.)
General Electric Company. (See Cocke, Kenneth J. R., assignor.)
General Electric Company. (See Doran, John H., assignor.)
General Electric Company. (See Fiene, Marcus E., assignor.)
General Electric Company. (See Flurscheim, Cedric H., assignor.)
General Electric Company. (See Forstrom, Edward W., assignor.)
General Electric Company. (See Goff, Robert W., assignor.)
General Electric Company. (See Grothouse, Frank T., assignor.)
General Electric Company. (See Hofmann, Walter, assignor.)
General Electric Company. (See Kellogg, Edward W., assignor.)
General Electric Company. (See McNairy, Jacob W., assignor.)
General Electric Company. (See Ogden, Harold S., assignor.)
General Electric Company. (See Schmitt, Richard H., assignor.)
General Electric Company. (See Tritle, John F., assignor.)
General Electric Company. (See Woodworth, John L., assignor.)
General Instrument Corporation. (See Cohen, Samuel, assignor.)
General Manganese Corporation. (See MacCarthy, John D., assignor.)
General Motors Corporation. (See Arthur, James L., assignor.)
General Motors Corporation. (See Dick, Herman J., assignor.)
General Motors Corporation. (See Geyer, Harvey D., assignor.)
General Motors Corporation. (See Hull, Harry B., assignor.)
General Motors Corporation. (See Mapes, C. W., and Bradford, assignors.)
General Motors Corporation. (See Poole, Lora E., assignor.)
General Motors Corporation. (See Shippy, Leo C., assignor.)
General Motors Corporation. (See Short, C. R., and Koehring, assignors.)
General Motors Corporation. (See Smith, Harry F., assignor.)
General Motors Corporation. (See Sullivan, R. H., and Gordon.)
General Motors Corporation. (See White, Joe, assignor.)
General Plastics, Inc. (See Dent, Harry M., assignor.)
General Printing Ink Corporation. (See Koppe, Alexander T., assignor.)
General Spring Bumper Corporation. (See Short, Bladen M., assignor.)
General Talking Pictures Corporation. (See de Forest, Lee, assignor.)
Gerardi, Aldo, Gallate, Italy. Front wheel suspension for motor cars. 2,064,107; Dec. 15.
Gerdts, Gustav F., Bremen, Germany. Controlling device for water returned to boilers. 2,064,795; Dec. 15.
Gervais, Joseph A., Toronto, Ontario, Canada, assignor to Dlog, Inc., Buffalo, N. Y. Mill. 2,063,996; Dec. 15.
Geyer, Harvey D., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Continuous freezing device. 2,064,655; Dec. 15.
Gibson, Miles O. (See Lownes, E. J., Jr., and Gibson.)
Gilbert, Alice H., administratrix. (See Gilbert, Erwin V.)
Gilbert, Erwin V., deceased, Hartford, Conn., A. H. Gilbert, administratrix. Heat treating furnace. 2,064,532; Dec. 15.
Giles, Louis E., New York, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Suspender slide. 2,064,423; Dec. 15.
Gittings, William L., Racine, Wis., assignor to Gold Metal Folding Furniture Co., Racine, Wis. Furniture side frame. 2,064,424; Dec. 15.
Godsey, Frank W., Jr., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. System and apparatus for circuit controlling. 2,063,997; Dec. 15.
Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Electroresponsive device. 2,064,656; Dec. 15.
Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Control device. 2,064,657; Dec. 15.
Gofferjé, Eduard. (See Keller, K., Hopff, Gofferjé, and Nuesslein.)
Gold Metal Folding Furniture Co. (See Gittings, William L., assignor.)
Goldsmith, Charles A., Sunbury, Pa. Greasing device. 2,064,742; Dec. 15.
Goldstein, Robert. (See Wurm, C., and Goldstein.)
Good, Charles A., Eureka, Calif. Combination blower and suction sweeper. 2,064,344; Dec. 15.
Goodman Manufacturing Company. (See Cartlidge, Frank, assignor.)
Gordon, Herman L., Winthrop, assignor of one-half to C. Wennett, Boston, Mass. Nut to carry lubricant. 2,064,377; Dec. 15.
Gordon, William B. (See Sullivan, R. H., and Gordon.)
Gothe, Albrecht, and H. O. Roosenstein, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Broadcast antenna. 2,064,204; Dec. 15.
Gottfried, John, New Haven, assignor to B. & G. Coin Selectors, Incorporated, Bridgeport, Conn. Coin assorting and selecting mechanism. 2,064,425; Dec. 15.
Grant, Harry C., Jr., assignor to Walter Kidde & Company, Inc., New York, N. Y. Supervised electric system. 2,064,533; Dec. 15.
Grant-Holden-Graham Limited. (See Bulpit, H. C., and Holden.)
Gray, Briscoe B., Washington, D. C. Air cooler. 2,063,921; Dec. 15.
Gray, Charles B., Milbourne, Pa. Tool for metal cutting machines. 2,064,796; Dec. 15.
Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electro-optical system. 2,063,998; Dec. 15.
Gray, Thomas C., Evanston, Ill., assignor to Barco Manufacturing Co., Chicago, Ill. Piston rod guide for reverse gears. 2,064,534; Dec. 15.
Grebby, John W. (See Taylor, W. I., and Grebby.)
Green, Morris, Boston, assignor to A. R. Hyde & Sons Company, Cambridge, Mass. Shoe and shoemaking. 2,064,256; Dec. 15.
Greenberg, Morris W., Buffalo, N. Y. Garment measuring device. 2,063,922; Dec. 15.
Greenfield, Eugene, and F. J. Thibault, assignors to Liquefied Gas Development Company, Detroit, Mich. Fire pot construction. 2,064,535; Dec. 15.
Greenfield Tap and Die Corporation. (See Bruce, Chester F., assignor.)
Gregorich, Matthew, assignor to The Moore Corporation, Joliet, Ill. Broiler drawer construction. 2,064,601; Dec. 15.
Gregory, Thurlow G. (See Blech, Waldemar, assignor.)
Greibach, Emil H., Brooklyn, N. Y., assignor to Sonotone Corporation, New York, N. Y. Hearing-aid device. 2,064,426; Dec. 15.
Grieb, Wallace W., Downers Grove, and E. J. Simon, Chicago, assignors to H. C. Scholz, West Pullman, Ill. Machine for sealing folders. 2,064,658; Dec. 15.
Gries, Fred W., Averill Park, N. Y. Clamping device for switch boxes and other fixtures. 2,063,923; Dec. 15.
Griffith, Earl G., Los Angeles, Calif. Revolving bin for fruit. 2,064,237; Dec. 15.
Griffith, Winfred S., Worcester, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Bottle labeling machine. 2,064,108; Dec. 15.
Griggs, Joseph P., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Fabric centering apparatus. 2,064,793; Dec. 15.
Grinnell, Albert A., assignor to Whedon, Inc., Medina, N. Y. Vehicle construction. 2,064,536; Dec. 15.
Groenke, Walter E., Maywood, Ill., assignor to American Can Company, New York, N. Y. Can body. 2,064,537; Dec. 15.
Groombridge, Walter H. (See Oxley, H. F., and Groombridge.)
Grothouse, Frank T., Fort Wayne, Ind., assignor to General Electric Company. Evaporator for refrigerating machines. 2,064,659; Dec. 15.
Grotowsky, Hans, Krefeld-Uerdingen, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Triphenylmethane dyestuffs. 2,064,258; Dec. 15.
Grove, Claire W., Cleveland, Ohio. Wall step. 2,064,803; Dec. 15.
Gurney, Daniel H. E. Balsiger and C. L. Ott, assignors to Landis Tool Company, Waynesboro, Pa. Ball race grinder. 2,064,427; Dec. 15.
Haas, William H., St. Paul, Minn. Apparatus for extracting materials. 2,064,660; Dec. 15.
Hadley, Richard F., Mount Pleasant, Mich. Oil distillation. 2,064,743; Dec. 15.
Hadsel, Alvah D., Oakland, Calif. Ore reducing machine. 2,064,109; Dec. 15.
Haeff, Andrew V., Pasadena, Calif, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Device for and method of controlling high frequency currents. 2,064,469; Dec. 15.
Hagan, Lawrence C., Swarthmore, Pa. Sidewalk vault. 2,064,538; Dec. 15.
Hagendorn, William V. (See Boch, Oscar A., assignor.)
Hagner, Frederick H., assignor to Position Finder Corporation, San Antonio, Tex. Position finder. 2,064,061; Dec. 15.
Hagner, Frederick H., assignor to Position Finder Corporation, San Antonio, Tex. Navigating instrument. 2,064,062; Dec. 15.
Haley, Grace I. (See Baule Gerhard H. J., assignor.)
Hall, C. M., Lamp Company. (See Taylor, Arnold N., assignor.)
Hall, Guy H. (See Winger, Stover C., assignor.)
Hall, John H., Maitland, Fla. Weeding hoe. 2,064,063; Dec. 15.
Hall Laboratories, Inc. (See Hall, Ralph E., assignor.)
Hall Laboratories, Inc. (See Schwartz, Charles, assignor.)
Hall, Peter P-G., Philadelphia, Pa. Cutter head. 2,064,304; Dec. 15.
Hall, Ralph E., Mount Lebanon, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Treatment of milk and milk preparations. 2,064,110; Dec. 15.

Hall, William L., Brookline, assignor to Boston Clip & Tag Company, Boston, Mass. Tag fastener. 2,064,744; Dec. 15.
Hamilton, Charles H. (See Finley, W. H., and Hamilton.)
Hammond, Grant, Hamden, assignor to The Barnes Tool Company, New Haven, Conn. Pipe cutter. 2,064,661; Dec. 15.
Hammond, John Hays, Jr., Gloucester, Mass. Editing for voice recording. 2,064,305; Dec. 15.
Hampton, William H., and J. T. Rutherford, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Heating and illuminating gas and making same. 2,064,895; Dec. 15.
Hankins Container Company, The. (See Brooks, Paul J., assignor.)
Hanko, William B., Cleveland, Ohio. Lamp socket holder. 2,063,924; Dec. 15.
Hanson-Van Winkle-Munning Company. (See Hogaboom, George B., assignor.)
Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Milk delivery registering means. 2,064,306; Dec. 15.
Harrell, Thomas J., and C. W. McMath, assignors to Traders Oil Mill Company, Fort Worth, Tex. Treatment or conditioning of cottonseed meats and pressing oil from same. 2,064,158; Dec. 15.
Harrie, Frank F., Jeannette, Pa. Game play indicator. 2,064,745; Dec. 15.
Harris, Irving C., Milwaukee, Wis., and H. W. Doubrava, Beverly Hills, Calif. Apparatus for pumping wells. 2,063,925; Dec. 15.
Harris, Joseph, Caruaru, Brazil. Machine for ginning and cleaning cotton. 2,064,602; Dec. 15.
Harris-Seybold-Potter Company. (See Kaddeland, Christen R., assignor.)
Harrison, Gertrude A., Cleveland, Ohio. Audible signal device. 2,064,603; Dec. 15.
Harrison, Woodford F., Berkeley, assignor to The Adhesive Products Company, San Francisco, Calif. Gummed tape and sealing therewith. 2, 063,999; Dec. 15.
Hart, Kenneth V., South Bend, Ind., assignor to Arnold Schwinn & Co., Chicago, Ill. Shaping the ends of tubes. 2,064,539; Dec. 15.
Hartland, Ernest J., West Springfield, Mass. Dispensing device. 2,064,111; Dec. 15.
Hartman, Emanuel W., Glendale, Calif., assignor to Hartman Gold Placer Syndicate, Chicago, Ill. Separating solids. 2,063,926; Dec. 15.
Hartman, Emanuel W., Glendale, Calif., assignor to Hartman Gold Placer Syndicate, Chicago, Ill. Separating apparatus. 2,064,000; Dec. 15.
Hartman Gold Placer Syndicate. (See Hartman, Emanuel W., assignor.)
Hartridge, Oscar C. (See McLennan, Alexander, assignor.)
Hathaway, Noland D., Omaha, Nebr. Fishline supporting and reeling device. 2,064,428; Dec. 15.
Hawk, Charles A., Salem, Oreg. Glare shield. 2,064,746; Dec. 15.
Hazard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Liquid weighing device. 2,063,892; Dec. 15.
Hazeltine Corporation. (See Wheeler, Harold A., assignor.)
Heaslet, James G., assignor to The Cleveland Tractor Company, Cleveland, Ohio. Front end suspension for track laying tractors. 2,064,747; Dec. 15.
Heckman, John A., Lincoln, Nebr., assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Overhead door. 2,064,470; Dec. 15.
Hedgcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Truck. 2,064,471; Dec. 15.
Hehn, William A., Jamestown, N. Dak. Dairy sediment filter. 2,064,259; Dec. 15.
Heil Co., The. (See Maloon, Earl R., assignor.)
Hemmerich, Paul, assignor to The Duffy Silk Company, Buffalo, N. Y. Thread cleaner for textile machines. 2,064,159; Dec. 15.
Hempel, Paul, Cologne, Germany. Spectacle frame. 2,064,604; Dec. 15.
Henry & Wright Manufacturing Company, The. (See Caserta, Alfred E., assignor.)
Herman, Joseph, Westfield, N. J., assignor to American Telephone and Telegraph Company. Automatic line level regulation of multiple channel television systems. 2,064,540; Dec. 15.
Hermanspann, Paul, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna. 2,064,112; Dec. 15.
Herrmann, Heinrich, Berlin-Wannsee, assignor to Elektricitatsgesellschaft "Sanitas", Berlin, Germany. Apparatus for making photographic exposures. 2,064,472; Dec. 15.
Herrmann, Ludwig, assignor to K. Adamczick and W. List, both of Frankfort-on-the-Main, Germany. Method and apparatus for synthesizing nitrogen compounds. 2,064,260; Dec. 15.
Hersey, Arthur J., and C. L. Madden, Minneapolis, Minn. Tractor. 2,064,265; Dec. 15.
Hershman, Paul R., Chicago, Ill. Process and reagent for desalting crude oils. 2,064,541; Dec. 15.
Herzog, Samuel, White Plains, N. Y. Non-refillable bottle closure. 2,064,002; Dec. 15.
Heuser, Ralph V., Mount Vernon, N. Y. Molded desiccant and producing same. 2, 064,113; Dec. 15.
Heymer, Gerd. (See Eggert, J., and Heymer.)
Hildebrandt, Friedrich, Hohen Neuendorf, near Berlin, assignor to Shering-Kahlbaum A. G., Berlin, Germany. Concentrated solutions of the follicle hormone and its esters and making the same. 2,064,114; Dec. 15.
Hilton, Roland C., assignor to Jude Torf, Los Angeles, Calif. Electric heating pad. 2,064,001; Dec. 15.
Hinds, George A., Malvern, England, assignor of one-half to F. W. McConnel, Barbers, Martley, England. Machine for plucking hops. 2,064,748; Dec. 15.
Hirtz, Joseph A., Sr., assignor of one-half to E. J. Smith, Sr., Mount Oliver, Pa. Band saw attachment for woodworking machines. 2,064,605; Dec. 15.
Hirtz, Joseph A., Sr., assignor of one-half to E. J. Smith, Sr., Mount Oliver, Pa. Jigsaw attachment for woodworking machines. 2,064,606; Dec. 15.
Hirtz, Joseph A., Sr., assignor of one-half to E. J. Smith, Sr., Mount Oliver, Pa. Guide for woodworking machines. 2,064,607; Dec. 15.
Hochrelter, Edward, and F. E. McGary, assignors to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Apparatus for die drawing large irregularly shaped sheet metal articles. 2,064,160; Dec. 15.
Hodgson, Harold, Goshen, Ind. Solar heater. 2,064,345; Dec. 15.
Hoe, R., & Co. (See Huck, William F., assignor.)
Hofmann, Walter, Rudolstadt in Thuringia, Germany, assignor to General Electric Company. X-ray device. 2,064,662; Dec. 15.
Hogaboom, George B., New Britain, Conn., assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Zinc plating anode. 2,064,307; Dec. 15.
Hoge, Robert H. (See Playford, H. E., Hoge, and Cone.)
Holbrook Service Company. (See Schmidt, W. A., and Nadeau, assignors.)
Holbrook, Willie L., and W. R. Parker, Houston, Tex. Producing paving material. 2,063,893; Dec. 15.
Holden, Harold C. (See Sontagh, J. R., and Holden.)
Holden, Spencer S. (See Bulpit, H. C., and Holden.)
Holdsworth, Richard A., Bayside, N. Y., assignor to The Barrett Company, New York, N. Y. Composition shingle. 2,064,473; Dec. 15.
Holloway, James M., New Orleans, La., assignor to American Can Company, New York, N. Y. Key assembling machine. 2,063,927; Dec. 15.
Holsman, Isidore, Chicago, Ill. Motor driven illuminated endless band sign apparatus. 2,064,115; Dec. 15.
Holsten, Hermann, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of organic amino compounds. 2,064,797; Dec. 15.
Holzwarth Gas Turbine Co. (See Holzwarth, Hans, assignor.)
Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co. Heat exchange with explosion gases. 2,063,928; Dec. 15.
Homestead Valve Manufacturing Company. (See Powell, C. E., Force, and Ofeldt, assignors.)
Hoover Company, The. (See Smellie, Donald G., assignor.)
Hoover Company, The. (See White, Harry B., assignor.)
Hopff, Heinrich. (See Keller, K., Hopff, Gofferjé, and Nuesslein.)
Hopkins, Arthur G., Maspeth, N. Y., assignor to National Can Company. Shaker top can. 2,064,308; Dec. 15.
Hopkins, Richard M., assignor to American District Telegraph Company, New York, N. Y. Watchman's tour system. 2,064,474; Dec. 15.
Hopp, Max, New York, N. Y. Transfer set. 2,064,003; Dec. 15.
Horine, Harold, Hollister, Mo. Apparatus for decorating articles. 2,064,161; Dec. 15.
Horsley, George F., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Hydration of olefines. 2,064,116; Dec. 15.
Hotchkiss, William R., St. Paul, Minn. Sheet feeder. 2,064,004; Dec. 15.
Hottel, Louis W., Indianapolis, Ind., assignor to The Richardson Company, Lockland, Ohio. Apparatus for controlling the temperature of plastic materials during molding. 2,064,162; Dec. 15.
Howard, Giles P. E. (See Ivanoff, A., and Howard.)
Howard, Forrest K. (See Bluehdorn, W. R., and Howard.)
Howe, Paul D., and S. L. Batchelder, San Jose, Calif. Saw. 2,064,261; Dec. 15.
Hoyles, Earl L. (See Balogh, Andrew M., assignor.)
Huber, Jakob, Zurich, Switzerland. Group table slide. 2,064,749; Dec. 15.
Huck, William F., Richmond Hill, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Mold for casting stereotype printing plates. 2,064,117; Dec. 15.
Hucks, Robert T., South River, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative coating composition. 2,064,608; Dec. 15.
Hudson, Frank M., Walnut Park, assignor to Pacific Pump Works, Ltd., Huntington Park, Calif. Tubing seal for reciprocating pumps. 2,064,429; Dec. 15.

Hughes, Charles H., Glen Ridge, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Water gas set. 2,064,005; Dec. 15.
Hughes, Charles H., Glen Ridge, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Carburetor for carbureted water gas sets. 2,064,006; Dec. 15.
Hughes, Charles H., Glen Ridge, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Making carbureted water gas. 2,064,008; Dec. 15.
Hughes Tool Company. (See Evans, Seth, assignor.)
Hughes Tool Company. (See Garfield, Lewis E., assignor.)
Hughes Tool Company. (See Scott, Floyd L., assignor.)
Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,064,009; Dec. 15.
Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,064,010; Dec. 15.
Humble, Eugene A., Greensburg, assignor to Elliott Company, Pittsburgh, Pa. Method and apparatus for cooling liquids. 2,064,609; Dec. 15.
Hungerford, Rollo L. (See Freeman, J. R., Jr., and Hungerford.)
Hunker, Martin L., assignor to The Reeves Manufacturing Company, Dover, Ohio. Draft regulator and spark arrester for stoves. 2,064,064; Dec. 15.
Hunt, James K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of non-drying and semi-drying oils. 2,064,610; Dec. 15.
Hunt, Scott F. (See Edelen, J. L., and Hunt.)
Hurst, Max, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Piston pump for the conveyance of liquids. 2,064,750; Dec. 15.
Hussman, Carl, assignor to United States Gypsum Company, Chicago, Ill. Resilient machinery base. 2,064,751; Dec. 15.
Hutaff, George H., Jr., Wilmington, and H. B. Norris, Raleigh, N. C. Mirrored electric light tubing. 2,063,929; Dec. 15.
Hutaff, George H., Jr., Wilmington, and H. B. Norris, Raleigh, N. C. Lensed electric lighting glass tubing. 2,063,930; Dec. 15.
Huttinger, Charles A., Lakewood, and E. R. Timlowski, Cleveland, assignors to Acme Rayon Corporation, Cleveland, Ohio. Producing rayon. 2,064,118; Dec. 15.
Hutto, Marsden C., Detroit, Mich., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Automatic cylinder grinder. 2,063,931; Dec. 15.
Hutto, Marsden C., Detroit, Mich., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Cylinder grinder. 2,063,932; Dec. 15.
Hyde, A. R. & Sons Company. (See Green, Morris, assignor.)
Hygrade Sylvania Corporation. (See Biggs, Orrick H., assignor.)
Hygrade Sylvania Corporation. (See O'Neill, George D., assignor.)
Hygrade Sylvania Corporation. (See Thomas, Ralph B., assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Eggert, J., and Heymer, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Holsten, Hermann, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Keller, K., Hopff, Gofferjé, and Nuesslein, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Tschunkur, E., and Köhler.)
I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., Koerding, and Nuesslein, assignors.)
Ieman, Emil A., Medford, Mass., assignor to Wilbin Instrument Corporation, New York, N. Y. Thermostatically controlled device. 2,064,163; Dec. 15.
Imperial Chemical Industries Limited. (See Bunbury, H. M., and Clarke, assignors.)
Imperial Chemical Industries Limited. (See Horsley, George F., assignor.)
Industrial Wire Cloth Products Company. (See Jacobs, Clarence E., assignor.)
Ingalls, Alfred W. (See Shackford, E. W., and Ingalls.)
Ingram, Joseph R., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Preservation of rubber. 2,064,752; Dec. 15.
Inman, Harry A., Newark, N. Y. Carton. 2,064,065; Dec. 15.
International Cellucotton Products Company. (See Jurgensen, August P., assignor.)
International Seal and Knot Protector Co., The. (See Keidel, Frank, assignor.)
Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oil. 2,063,933; Dec. 15.
Irenius, Joseph V., Brooklyn, N. Y., assignor to The Dolly Toy Company, Dayton, Ohio. Climbing toy. 2,064,119; Dec. 15.
Irwin Novelty Co. (See Cohn, I. E., and Talt, assignors.)
Ish, Max E., Salinas, Calif. Display rack for lawn mowers. 2,064,164; Dec. 15.
Ivanoff, Alexander, and G. P. E. Howard, Luton, assignors to George Kent Limited, London, England. Automatic control apparatus. 2,064,753; Dec. 15.
Ivens, Edmund M., New Orleans, La. Valve. 2,064,754; Dec. 15.
Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical scanning system. 2,064,475; Dec. 15.
Jack, David, and W. Matisek, assignors of one-fourth to said Matisek, one-half to Allied Manufacturers, Inc., Detroit, and one-fourth to E. Elmer Staub, Grosse Pointe Park, Mich. Tire groover. 2,063,894; Dec. 15.
Jackman, Fred W., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Composite motion picture. 2,064,206; Dec. 15.
Jackomatic Corporation. (See Marlowe, Harold J., assignor.)
Jacobs, Clarence E., Detroit, assignor to Industrial Wire Cloth Products Company, Wayne, Mich. Air cleaner combination unit. 2,064,207; Dec. 15.
Jacobus, Nelson L., Hempstead, assignor of one-half to M. D. Jones, Bayside, N. Y. Container. 2,064,120; Dec. 15.
Jakobsen, Svend O., Holevarde, near Haugesund, Norway. Pressure lubrication pump. 2,064,755; Dec. 15.
James, William G., West Middlesex, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transformer structure. 2,064,011; Dec. 15.
Janeko, Stanley J., Detroit, Mich. Piston block. 2,064,756; Dec. 15.
Jennens, Walter S., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Electrical testing. 2,064,663; Dec. 15.
Jenner, Ralph L., Le Roy, N. Y., assignor to Lapp Insulator Company, Inc. Insulator for radio masts. 2,064,121; Dec. 15.
Jepson, Ivar, Chicago, and J. J. Sigman, Cicero, assignors to Chicago Flexible Shaft Company, Chicago, Ill. Sprinkler. 2,064,066; Dec. 15.
Jobst, Günther and Franz Sammer, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge device. 2,064,346; Dec. 15.
Johnson, Arthur A., Bridgeport, Conn. Manifolding. 2,064,611; Dec. 15.
Johnson, Gladwin E., Chicago, Ill. Combination drill point gauge, bevel protractor, and center head. 2,064,430; Dec. 15.
Johnson, Gustave T., Sheboygan Falls, Wis. Abrading machine. 2,064,476; Dec. 15.
Johnson, Samuel J., assignor to Clopay Corporation, Cincinnati, Ohio. Window shade and making. 2,064,165; Dec. 15.
Johnson Service Company. (See Otto, Carl A., assignor.)
Johnston, Howard M., assignor to Massey-Harris Company, Limited, Toronto, Ontario, Canada. Pitman for mowers or like machines. 2,064,166; Dec. 15.
Jones, George M. G., Ipswich, England. Golf bags. 2,064,542; Dec. 15.
Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Apparatus for purification of oil. 2,064,798; Dec. 15.
Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Liquid impelling system. 2,064,799; Dec. 15.
Jones, Mallie D. (See Jacobus, Nelson L., assignor.)
Judd, H. L., Company. (See Whitehead, Oscar N., assignor.)
Junkin, Joseph S., Chicago, Ill. Nonrefillable bottle. 2,064,167; Dec. 15.
Jurgensen, August P., New York, N. Y., assignor to International Cellucotton Products Company, Chicago, Ill. Catamenial bandage. 2,064,431; Dec. 15.
K. C. M. Company. (See Wilkinson, A. D., and Fanselow, assignors.)
K-D Manufacturing Company. (See Kulp, Harry W., assignor.)
Kaddeland, Christen R., Shelton, Conn., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Printing press. 2,064,168; Dec. 15.
Kahn, Bertrand B., Cincinnati, and W. T. Bradbury, Hamilton, assignors to The Estate Stove Company, Hamilton, Ohio. Stove. 2,064,347; Dec. 15.
Kalencik, Paul, assignor of one-half to J. F. Rider, New York, N. Y. Switching device for radio receiving and other electrical systems. 2,064,348; Dec. 15.
Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Bottle filler shifter. 2,064,378; Dec. 15.
Kapella Limited. (See Lee, Horace W., assignor.)
Kaps, Richard A., trustee et al. (See Ducker, Louis F., assignor.)
Kauffman, Frank M., Merion, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Making pile fabric. 2,064,208; Dec. 15.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,064,543; Dec. 15.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,064,544; Dec. 15.
Kauffmann, Hans O., and D. D. Crandell, assignors to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Making plasterboard. 2,064,800; Dec. 15.

Keen, Harold L., Oneonta, N. Y. Railway tie-plate. 2,064,664; Dec. 15.

Keese, Beverly W., Oshkosh, Wis., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Axle construction. 2,064,262; Dec. 15.

Keidel, Frank, Elmhurst, assignor to The International Seal and Knot Protector Co., New York, N. Y. Sealable container. 2,064,432; Dec. 15.

Keith, Percival C., Jr., Peapack, assignor to Gasoline Products Co. Inc., Newark, N. J. Treatment of hydrocarbon oil. 2,064,757; Dec. 15.

Keller, Karl, Frankfort-on-the-Main Fechenheim, H. Hopff, Ludwigshafen-on-the-Rhine, E. Gofferjé, Frankfort-on-the-Main, and J. Nuesslein, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of assistants for the textile and related industries. 2,063,934; Dec. 15.

Kelley-Koett Mfg. Co. (See Tietig, Chester, assignor.)

Kellogg, Edward W., Schenectady, N. Y., assignor to General Electric Company. Photographic sound recording. 2,064,665; Dec. 15.

Kensington Steel Company. (See Messenger, George P., assignor.)

Kent, George, Limited. (See Ivanoff, A., and Howard, assignors.)

Kershaw, Henry, assignor to Sovereign Machinery Company, Newark, N. J. Method of and apparatus for producing radio tube grids. 2,064,169; Dec. 15.

Kidde, Walter, & Company. (See Grant, Harry C., Jr., assignor.)

Kieffer, Raymond J. (See Stahl, F. E., and Kieffer.)

Kiellar, Stephen A., Wallington, N. J. Self-spacing individual composition shingle. 2,064,263; Dec. 15.

Kilgore, George R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Magneto-static oscillator. 2,064,012; Dec. 15.

Kimball, Vernon R. (See Dirkes, R. F., and Kimball.)

Kinn, Theodore P., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Crystal control circuit. 2,064,013; Dec. 15.

Kirchhoff, William G., assignor to The J. H. Day Company, Cincinnati, Ohio. Dough mixer. 2,064,758; Dec. 15.

Kirschbaum, Lester, Leonia, N. J., assignor to The Patent and Licensing Corporation, Boston, Mass. Siding material. 2,063,935; Dec. 15.

Klauminzer, Carl W., deceased, Rocky River, Ohio, Florence A. Klauminzer, administratrix of said Carl W. Klauminzer. Valved nozzle. 2,064,794; Dec. 15.

Klauminzer, Florence A., administratrix. (See Klauminzer, Carl W.)

Kleinmann, Ernst, and A. Mendel, Berlin-Lichtenberg, Germany. Electrical contact plug or pin. 2,064,545; Dec. 15.

Kliesrath, Victor W., South Bend, Ind., and R. S. Sanford, New York, N. Y., assignors to Bragg-Kliesrath Corporation, South Bend, Ind. Control mechanism. 2,064,612; Dec. 15.

Knapmeyer, Gilbert B. (See Balzer, F., and Knapmeyer.)

Knapp-Monarch Company. (See Derringer, Percy O., assignor.)

Knapp-Monarch Company. (See Smith, John E., assignor.)

Kneale, Earle C., and H. H. Wohlgemuth, Pontiac, Mich. Artificial resin. 2,064,614; Dec. 15.

Knorr, Atwood R., Berwick, Pa. Blotting attachment for fountain pens. 2,064,067; Dec. 15.

Knorr, Ferdinand, Del Mar, Calif. Honeycomb foundation supporting means. 2,064,349; Dec. 15.

Koch, Lydia B. (See Bodor, Andrew, assignor.)

Koehring, Roland P. (See Short, C. R., and Koehring.)

Koelkebeck, Carl W. A. Pittsburgh, Pa. Hose coupling. 2,064,014; Dec. 15.

Koerding, Paul. (See Ulrich, H., Koerding, and Nuesslein.)

Koester, Erwin, Bergnenstadt, Germany. Minute sand glass. 2,064,759; Dec. 15.

Köhler, Hugo. (See Tschunkur, E., and Köhler.)

Kohr, Robert F., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,064,613; Dec. 15.

Kootz, Arthur C., assignor to Gem Hammock and Fly Net Company, Milwaukee, Wis. Mop holder. 2,064,015; Dec. 15.

Koppe, Alexander T., Hasbrouck Heights, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Vacuum printing frame. 2,064,068; Dec. 15.

Krannert, Herman C., New Augusta, assignor to Fruit and Produce Packing, Inc., Indianapolis, Ind. Cushion pad. 2,064,122; Dec. 15.

Kratzer, Herbert J., St. Louis, Mo. Brake. 2,063,936; Dec. 15.

Krause, Alfred. (See Mose, Josef F., assignor.)

Kreisler, Jacques, New Rochelle, and L. Kreisler, assignors to Jacques Kreisler Sales Corporation, New York, N. Y. Extensible connecter. 2,064,760; Dec. 15.

Kreisler, Jacques, Sales Corporation. (See Kreisler, Jacques, and L., assignors.)

Kriek, Peter P., assignor to American Enka Corporation, Enka, N. C. Apparatus for use in the manufacture of artificial silk. 2,064,069; Dec. 15.

Kronthal, Leon S., New York, N. Y. Ball-club carrier. 2,061,433; Dec. 15.

Kruse, John R., East Orange, N. J., assignor to Combustion Engineering Company, Inc., New York, N. Y. Welded boiler construction. 2,064,123; Dec. 15.

Krushel, Adolph, Morden, Manitoba, Canada. Crushing machine. 2,064,666; Dec. 15.

Kuchar, Joseph, assignor to Athey Truss Wheel Co., Chicago, Ill. Draft appliance. 2,064,615; Dec. 15.

Kulp, Harry W., assignor to K-D Manufacturing Company, Lancaster, Pa. Valve spring lifter. 2,064,264; Dec. 15.

Kundig, John J., New York, N. Y. Fluid pressure actuator. 2,063,937; Dec. 15.

Kundig, John J., New York, N. Y. Fluid pressure control system. 2,064,379; Dec. 15.

Kurtz, Henry F. (See Bausch, E., and Kurtz.)

Kutchka, Karl G., Wilkinsburg, Pa., assignor to Pittsburgh Plate Glass Company. Glass melting tank. 2,064,546; Dec. 15.

La Brie, Ludger E., Detroit, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,064,616; Dec. 15.

La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,064,617; Dec. 15.

La Brie, Ludger E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,064,618; Dec. 15.

Lacy, Kenneth B., Highland Park, assignor to Van Schaack Bros. Chemical Works, Inc., Chicago, Ill. Reacting olefines with sulphuric acid. 2,064,667; Dec. 15.

Laermann, Kurt, Tegel, near Berlin, assignor to Rheinmetall-Borsig Aktiengesellschaft, Dusseldorf, Germany. Bombing mechanism for aircraft. 2,064,547; Dec. 15.

Lamond, Roy D. (See Elder, Paul, assignor.)

Land, Oliver B., Athens, Ga., assignor to U. S. Ring Traveler Company, Providence, R. I. Ring traveler. 2,064,548; Dec. 15.

Landis Tool Company. (See Gurney, D., Balsiger, and Ott, assignors.)

Langer, William J., Gobles, Mich. Fertilizer attachment for hand corn planters. 2,064,668; Dec. 15.

Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Starting mechanism. 2,064,669; Dec. 15.

Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Starting mechanism. 2,06,670; Dec. 15.

La Penna, Patsy, Brooklyn, N. Y. Window shade fixture. 2,064,016; Dec. 15.

Lapp Insulator Company. (See Jenner, Ralph L., assignor.)

Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Electric switch. 2,064,477; Dec. 15.

Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Mercury switch relay. 2,064,478; Dec. 15.

Larson, David C., Yonkers, assignor to Otis Elevator Company, New York, N. Y. Elevator system. 2,064,170; Dec. 15.

Laucks, I. F., Inc. (See Bowen, Albert H., assignor.)

Lauer, Carl E., Port Arthur, Tex., R. E. Manley, Beacon, and H. D. Loeb, assignors to The Texas Company, New York, N. Y. Treating an acid-oil sludge. 2,064,549; Dec. 15.

Lawson, Robert H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for assembling shoe parts. 2,063,938; Dec. 15.

Le Brocq, Laurence F. (See Sutton, H., and Le Brocq.)

Lecher, Hans Z. (See Munro, W. P., and Lecher.)

Ledwinka, Hans, Koprivnice, Czechoslovakia. Motor vehicle body. 2,064,380; Dec. 15.

Lee, Horace W., assignor to Kapella Limited, Leicester, England. Lens. 2,064,550; Dec. 15.

Lee, James, assignor to Scovill Manufacturing Company, Waterbury, Conn. Lipstick holder. 2,064,557; Dec. 15.

Lee, John J., Wilmington, Calif. Tapping device. 2,064,209; Dec. 15.

Leech, Aubrey B., Chicago, Ill. Apparatus for producing illuminated motion effects. 2,064,210; Dec. 15.

Lees-Bradner Company, The. (See Warner, Homer C., assignor.)

Leib, August, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Directional system for landing of aircraft. 2,064,171; Dec. 15.

Leigh, Nathan J., Great Neck, assignor to Elnson-Freeman Co., Inc., Long Island City, N. Y. Display device. 2,064,434; Dec. 15.

Leiter, Harry H. (See Longfellow, Earl E., assignor.)

Leonard, Clarence E. and G. E., Bethlehem, Pa. Syringe. 2,064,619; Dec. 15.

Leonard, Grace E. (See Leonard, Clarence E. and G. E.)

Leschen, A., & Sons Rope Company. (See Leschen, Arthur A., assignor.)

Leschen, Arthur A., Webster Groves, assignor to A. Leschen & Sons Rope Company, St. Louis, Mo. Apparatus for cutting wire rope, cable, and the like. 2,064,017; Dec. 15.

Levison, Stuart H., Forest Hills, N. Y., and E. J. Bruderlin, Amarillo, Tex., assignors to American Smelting and Refining Company, New York, N. Y. Sintering zinc concentrates. 2,064,479; Dec. 15.

Leyland, Simeon C., Nutley, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective apparatus. 2,064,018; Dec. 15.

Libby, Albion D. T., East Orange, assignor to Condenser Development Corporation, Newark, N. J. Applying a trimming condenser to a main condenser. 2,064,620; Dec. 15.

Liberty Can and Sign Company. (See Batdorf, Seymour, assignor.)

Lindquist, Louis T. (See Spence, E. F., and Lindquist.)

Link-Belt Company. (See Sayers, William W., assignor.)

Lipe, W. C., Inc. (See Spase, Charles B., assignor.)

Liquefied Gas Development Company. (See Greenfield, E., and Tribault, assignors.)

Liquid Carbonic Corporation. (See Kantor, James, assignor.)

List, Willy, et al. (See Herrmann, Ludwig, assignor.)

Little, Clarence B. (See Brownell, J. R., and Little.)

Little, Donald G., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High efficiency modulator with automatic regulator of power source. 2,064,019; Dec. 15.

Lock, George M., and A. O. Rasmussen, Modesto, Calif. Bean cutter. 2,064,480; Dec. 15.

Lockaton, Thomas J., Pittsburgh, Pa. Bottle holder. 2,064,671; Dec. 15.

Locomotive Finished Material Company, The. (See Muchnic, Henry E., assignor.)

Loeb, Henry D. (See Lauer, C. E., Manley, and Loeb.)

Loeffler, Louis J., Stapleton, N. Y. Reenforcement for molded articles. 2,064,435; Dec. 15.

Lofstedt, William J., assignor to Premier Manufacturing & Sales Company, Portland, Oreg. Plate shaving machine. 2,064,172; Dec. 15.

Lohr, Raymond, Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Toy vehicle. 2,064,309; Dec. 15.

Long, Leland E. (See Mahoney, J. P., and Long.)

Longfellow, Earl E., assignor to H. H. Leiter, Warsaw, Ind. Surgical appliance. 2,064,672; Dec. 15.

Lott, Charles L., Lansing, Mich. Piston ring grinder. 2,063,939; Dec. 15.

Lotz, Herbert A. (See Wheldon, G. H., Murphy, and Lotz.)

Lovell Manufacturing Company. (See Kauffman, Walter L., II.)

Lownes, Edgar J., Jr., and M. O. Gibson, Providence, R. I. Silk yarn. 2,064,804; Dec. 15.

Lownes, Edgar J., Jr., and M. O. Gibson, assignors to American Silk Spinning Co., Providence, R. I. Yarn and producing the same. 2,064,761; Dec. 15.

Lownes, Edgar J., Jr., and M. O. Gibson, assignors to American Silk Spinning Co., Providence, R. I. Producing yarn. 2,064,762; Dec. 15.

Luburg, Guy A., Snyder, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation. Collapsible turtleback. 2,064,673; Dec. 15.

Luburg, Guy A., Kenmore, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation. Amphibian landing gear. 2,064,675; Dec. 15.

Luburg, Guy A., Snyder, E. Molloy, Buffalo, and F. E. Flader, Kenmore, N. Y., assignors, by mesne assignments, to Curtiss-Wright Corporation. Flexible flotation gear. 2,064,674; Dec. 15.

Ludwig, Leon R., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical conversion system. 2,064,021; Dec. 15.

Ludwig, Leon R., Wilkinsburg, and J. Slepian, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Rectifier and inverter. 2,064,020; Dec. 15.

Lund, Nels B. (See Fischer, A. J., and Lund.)

M. M. Drives Limited. (See McPherson, Charles, assignor.)

MacCarthy, John D., Chamberlain, S. Dak., assignor to General Manganese Corporation, Detroit, Mich. Extracting values from manganese carbonate ores. 2,064,551; Dec. 15.

Mack, Edward D., St. Louis, Mo. Braking mechanism. 2,064,553; Dec. 15.

Mack, Henry R., Philadelphia, Pa. Joint for structural toys. 2,063,895; Dec. 15.

Mackowski, Leon L., Bradford, Pa., assignor to Oil Well Supply Company, Dallas, Tex. Well packer. 2,064,552; Dec. 15.

MacLeod, Cyrus M., Waverley, Mass. Electric hand saw. 2,064,676; Dec. 15.

Madden, Charles L. (See Hersey, A. J., and Madden.)

Magnesium Development Corporation. (See Schmidt, W., and Altwicker, assignors.)

Mahoney, John P., and L. E. Long, assignors to Bendix Aviation Corporation, South Bend, Ind. Separator. 2,064,554; Dec. 15.

Maloon, Earl B., assignor to The Heil Co., Milwaukee, Wis. Trailbuilder. 2,064,022; Dec. 15.

Maloon, Earl B., assignor to The Heil Co., Milwaukee, Wis. Scraper. 2,064,023; Dec. 15.

Manley, Robert E. (See Lauer, C. E., Manley, and Loeb.)

Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Electric safety pilot. 2,064,436; Dec. 15.

Mapes, Clyde W., and Z. C. Bradford, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Motor and lubricating system therefor. 2,064,070; Dec. 15.

Marasso, Fred, assignor to Union Machinery Company, Joliet, Ill. Loading device for proofers. 2,064,437; Dec. 15.

Marchev, Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating machine. 2,064,071; Dec. 15.

Marker, Mitchell M., Brooklyn, N. Y. Amusement apparatus. 2,064,310; Dec. 15.

Marlowe, Harold J., Brooklyn, N. Y., assignor to Jackomatic Corporation. Valve structure for pumping systems. 2,064,265; Dec. 15.

Martin Brothers Electric Company, The. (See Martin, Wendell L., assignor.)

Martin, Herbert E., Cumberland, Md., assignor to Celanese Corporation of America. Concentrating aqueous aliphatic acids recovered from cellulose esterification processes. 2,063,940; Dec. 15.

Martin, Wendell L., assignor to The Martin Brothers Electric Company, Cleveland, Ohio. Portable drying machine. 2,063,896; Dec. 15.

Marvel Carbureter Company. (See Firth, David, assignor.)

Marx, Louis, New York, N. Y. Signal system for toy railroad trains. 2,064,311; Dec. 15.

Marx, Louis, & Company. (See Lohr, Raymond, assignor.)

Massa, Frank. (See Olson, H. F., and Massa.)

Massey-Harris Company. (See Johnston, Howard M., assignor.)

Mathewson, Wilfred F. (See Tuscan, G. E., and Mathewson.)

Mathieu, Gaston A., Shirehall Park, London, England, assignor to Radio Corporation of America. Short wave radio communication system. 2,064,481; Dec. 15.

Matisek, William. (See Jack, D., and Matisek.)

Maul, Michael, Berlin-Johannisthal, Germany. Perforated record controlled machine. 2,064,482; Dec. 15.

Maurer, Paul H., Elmira, assignor to Eclipse Machine Company, Elmira Heights, N. Y. Automatic starter control. 2,064,350; Dec. 15.

Mauser-Werke A.-G. (See Ebert, Fritz, assignor.)

Mazzetti, Carlo. (See Roffeni, Tiraferri, L., and Mazzetti.)

McArdle, Michael W., Chicago, Ill., assignor to Chicago Flexible Shaft Company. Wide range sprinkler. 2,064,072; Dec. 15.

McCaleb, Albert G., Evanston, assignor to Duro Metal Products Company, Chicago, Ill. Sanding machine. 2,064,483; Dec. 15.

McCann, John F. (See Sprague, R. C., and McCann.)

McCarroll, Edward W., Chicago, Ill. Card game. 2,063,941; Dec. 15.

McCluer, Wilbert B. (See Fenske, M. R., and McCluer.)

McClure, William W., Tulsa, Okla. Traffic signal. 2,064,211; Dec. 15.

McColgan, Charles H., Cuyahoga Falls, Ohio. Jar clamp. 2,064,381; Dec. 15.

McConnel, Frederic W. (See Hinds, George A., assignor.)

McCreary, John. (See Wilson, E. J., and McCreary.)

McFadden, Ross M., Glendale, Calif. Curler. 2,064,312; Dec. 15.

McFarlane, William A., Honaker, Va. Steel wire clothespin. 2,064,212; Dec. 15.

McGary, Frank E. (See Hochreiter, E., and McGary.)

McGohan, George W., assignor to The American Rolling Mill Company, Middletown, Ohio. Device for coating metal pieces. 2,064,173; Dec. 15.

McGrath, William L., assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter. 2,064,382; Dec. 15.

McIntyre, Charles N. and W. E., Fayetteville, N. Y. Machine for reclaiming waste fiber. 2,064,024; Dec. 15.

McIntyre, Winfield E. (See McIntyre, Charles N. and W. E.)

McJoynt, Thomas L., Janesville, Wis. Upholstery pad stuffing machinery. 2,064,213; Dec. 15.

McKinney, James W. (See Richter, G. A., and McKinney.)

McLean, Philip S. (See O'Sullivan, Denis T., assignor.)

McLennan, Alexander, Chesterfield, assignor to Oscar Cecil Hartridge, London, England. Treatment of leather with India rubber. 2,064,073; Dec. 15.

McMath, Charles W. (See Harrell, T. J., and McMath.)

McNairy, Jacob W., Erie, Pa., assignor to General Electric Company. Electrical control apparatus. 2,064,621; Dec. 15.

McNamee, James, Ballston Spa, N. Y. Knitted fabric. 2,064,074; Dec. 15.

McNaught, Norris F., and E. H. Peterson, assignors to Duro Metal Products Company, Chicago, Ill. Socket wrench kit. 2,064,351; Dec. 15.

McNulty, Minnie L., New York, N. Y. Guard for window sills. 2,064,438; Dec. 15.

McPherson, Charles, Verdun, Quebec, assignor to M. M. Drives Limited, Montreal, Quebec, Canada. Automatic belt driven clutch mechanism. 2,064,675; Dec. 15.

McWhirter, William C., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Cabinet. 2,064,439; Dec. 15.

Meeker, Robert A., Chicago, Ill. Electric connecter. 2,064,440; Dec. 15.

Meigs, Joseph V., Hastings-on-Hudson, assignor to The Barrett Company, New York, N. Y. Coking apparatus. 2,064,484; Dec. 15.

Mendel, Alfred. (See Kleinmann, E., and Mendel.)

Merkle, Edward J., Columbus, Ohio. Apparatus for making coffee. 2,064,214; Dec. 15.
Messenger, George P., assignor to Kensington Steel Company, Chicago, Ill. Making manganese chromium steel. 2,064,441; Dec. 15.
Messinger, William, Philadelphia, Pa. Self-aligning mounting for bearings. 2,064,352; Dec. 15.
Metlox Corporation. (See Prouty, Theodore C., assignor.)
Metzner, Albert W. (See Sherman, J. Q., and Metzner.)
Miehle, Mabel K., administratrix. (See Miehle, Robert.)
Miehle, Robert, deceased, Chicago, Ill., Mabel K. Miehle, administratrix of said Robert Miehle. Printing press. 2,064,622; Dec. 15.
Miller, Samuel C., New York, N. Y. Electrode construction. 2,064,485; Dec. 15.
Miller, Samuel L., Maywood, Ill. Coin controlled meter. 2,064,677; Dec. 15.
Miller, Stuart P., Tenafly, N. J., assignor to The Barrett Company, New York, N. Y. Heating tar. 2,064,486; Dec. 15.
Miller, Stuart P., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Treatment of resins. 2,064,487; Dec. 15.
Milwaukee Gas Specialty Company. (See Mantz, Harold A., assignor.)
Mine Safety Appliances Company. (See Dym, Joseph B., assignor.)
Miner, George H., Los Angeles, Calif., assignor, by mesne assignments, to Consolidated Patents Corporation, Chicago, Ill. Game apparatus. 2,064,025; Dec. 15.
Minneapolis-Honeywell Regulator Company. (See Brownell, J. R., and Little, assignors.)
Minneapolis-Honeywell Regulator Company. (See Burton, Warren D., assignor.)
Minneapolis-Honeywell Regulator Company. (See Shipley, Sylvanus C., assignor.)
Minneapolis-Honeywell Regulator Company. (See Taylor, Daniel G., assignor.)
Mitchell, August, New York, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Lipstick holder. 2,064,555; Dec. 15.
Mitchell, Clyde D., and O. A. Rieman, St. Louis, Mo. Gaseous electric sign. 2,064,442; Dec. 15.
Molloy, Eddie. (See Lanburg, G. A., Molloy, and Flader.)
Moneymaker, Ora A., Uniontown, Wash. Vehicle brake. 2,064,026; Dec. 15.
Monitor Controller Company. (See Frese, Joseph F., assignor.)
Monroe Calculating Machine Company. (See Chase, George C., assignor.)
Monsanto Chemical Company. (See Ingram, Joseph R., assignor.)
Moody, Fred M., Whitman, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening inserting machine. 2,064,027; Dec. 15.
Moody, Lewis F., Princeton, N. J. Hydraulic power apparatus. 2,064,313; Dec. 15.
Moore Corporation, The. (See Gregorich, Matthew, assignor.)
Moore, Hubert, Sewickley, Pa., assignor to Rolscreen Company, Pella, Iowa. Venetian blind. 2,064,443; Dec. 15.
Morgan, William H., assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for vacuumizing and gassing containers. 2,064,678; Dec. 15.
Morin, Louis H., assignor, by mesne assignments, to S. Sternau & Co., Inc., New York, N. Y. Inhaler. 2,064,314; Dec. 15.
Moritz, Adrian, J. L., assignor to American Enka Corporation, Enka, N. C. Manufacture of artificial silk. 2,064,076; Dec. 15.
Moroney, T. J. (See de Neergaard, Leif E., assignor.)
Morris, Thomas C., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Rubber derivative. 2,064,763; Dec. 15.
Morton, Avery A., Watertown, Mass. Removal of sulphur compounds from hydrocarbons. 2,064,558; Dec. 15.
Mose, Josef F., assignor of forty-five per cent to A. Krause, Point Loma, Calif. Saw filing machine. 2,064,353; Dec. 15.
Mosshart, Donald J., Springfield, and R. A. Foresman, Moores, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Steam generator reheater. 2,064,444; Dec. 15.
Motor Terminals Company. (See Fitch, Benjamin F., assignor.)
Motor Terminals Company. (See Norbom, Ragnar A., assignor.)
Moyer, Howard R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Rayon spinning bucket. 2,064,028; Dec. 15.
Muchnic, Henry E., assignor to The Locomotive Finished Material Company, Atchison, Kans. Cylinder construction. 2,064,124; Dec. 15.
Mueller, Ervin H., Detroit, Mich. Safety valve. 2,064,623; Dec. 15.
Munro, Wendell P., Bound Brook, and H. Z. Lecher, Plainfield, assignors to The Calco Chemical Company, Inc., Bound Brook, N. J. Preparation of thiazthionium chlorides. 2,064,315; Dec. 15.
Munroe, Calvin J., and O. B. Wilhite, Lyons, Kans. Quick change swedge nipple. 2,064,679; Dec. 15.
Murphey, William, Chattanooga, Tenn. Drop seat garment with detachable elastic band. 2,064,266; Dec. 15.
Murphy, Joseph E. (See Wheldon, G. H., Murphy, and Lotz.)
Murray, Arthur J., Minneapolis, Minn. Carton. 2,064,029; Dec. 15.
N. V. Machinerieen-en Apparaten Fabrieken "Mea f". (See Dallenbach, Walter, assignor.)
N. V. Nederlandsche Gist-en Spiritusfabriek. (See Schefer, Marinus A., assignor.)
Nadeau, William. (See Schmidt, W. A., and Nadeau.)
Napier, James W., Carnegie, Pa. Target-making machine. 2,064,624; Dec. 15.
National Aluminate Corporation. (See Paine, Louis B., assignor.)
National Aniline & Chemical Company. (See Foster, Harold B., assignor.)
National Blank Book Company. (See Schade, Frank S., assignor.)
National Can Company. (See Hopkins, Arthur G., assignor.)
National Cash Register Co., The. (See Breitling, Ernst, assignor.)
National Gas and Oil Engine Company Limited et al. (See Burn, Walter S., assignor.)
National Gypsum Company. (See Crandell, Dean D., assignor.)
Naujoks, Erich. (See Fuchs, O., Naujoks, and Querfurth.)
Naul, James M., Fanwood, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electric motor with low voltage lighting taps. 2,064,680; Dec. 15.
Naylor, Milton K., Three Rivers, Mich., assignor to The Eddy Paper Corporation Chicago, Ill. Advertising display device. 2,064,174; Dec. 15.
Nedy, Frank R., Allentown, Pa. Composite box and manufacture thereof. 2,064,488; Dec. 15.
Neosign Corporation. (See Shively, J. J., and Pennybacker, assignors.)
Neptune Meter Company. (See Hazard, Charles S., assignor.)
Neuman, Leonard J., Houston, Tex., assignor to The Texas Company, New York, N. Y. Vibration detector. 2,064,489; Dec. 15.
New Haven Clock Co., The. (See Whitehead, Richard H., assignor.)
Newman, Alexander L., assignor to Precision Scientific Company, Chicago, Ill. Motor driven color screen. 2,064,625; Dec. 15.
Nickerson, William H., Newton Center, Mass. Shoemaking. 2,064,681; Dec. 15.
Nickerson, William H., Newton Center, Mass. Annealing apparatus. 2,064,682; Dec. 15.
Nilson, Leonard D., Wayzata, Minn. Bumper jack. 2,064,445; Dec. 15.
Nixon, Jeddy D., Houston, Tex. Blow-out preventer. 2,064,267; Dec. 15.
Noble, Aubrey E., Snyder, N. Y. Electric incandescent lamp. 2,064,490; Dec. 15.
Noé, Rudolf, Hanover, Germany. Shooting seat. 2,064,215; Dec. 15.
Nock, Joseph A., Jr., Tarentum, and H. R. Freche, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 2,063,942; Dec. 15.
Norbom, Ragnar A., Clifton, N. J., assignor to Motor Terminals Company, New York, N. Y. Trolley hoist. 2,063,943; Dec. 15.
Norris, Edward O., Port Chester, assignor to The Norris Painting Machinery Corporation, Inc., New York, N. Y. Method and apparatus for spraying. 2,064,125; Dec. 15.
Norris, Herbert B. (See Hutaff, G. H., Jr., and Norris.)
Norris Painting Machinery Corporation, The. (See Norris, Edward O., assignor.)
Norrman, Ernst, Chicago, Ill. Apparatus for timing watches. 2,064,559; Dec. 15.
Novelty Slipper Co. Inc. (See Del Re, Gennaro, assignor.)
Noyes, Atherton, Jr. (See Pierce, G. W., and Noyes, assignors.)
Nuesslein, Joseph. (See Keller, K., Hopff, Gofferjé, and Nuesslein.)
Nuesslein, Joseph. (See Ulrich, H., Koerding, and Nuesslein.)
Oakes Products Corporation. (See Sandberg, Ray A., assignor.)
Oberg, Algot. (See Baker, Gilbert L., assignor.)
O-Cedar Corp'n. (See Teare, Robert C., assignor.)
Ofeldt, Frank W. (See Powell, C. E., Force, and Ofeldt.)
Ogden, Harold S., Erie, Pa., assignor to General Electric Company, Controller. 2,064,626; Dec. 15.
Ohio Brass Company, The. (See Jennens, Walter S., assignor.)
Ohio Brass Company, The. (See Rorden, Harold L., assignor.)
Ohio Brass Company, The. (See Taylor, John J., assignor.)
Oilgear Company, The. (See Ferris, W., and Douglas, assignors.)
Oil Well Supply Company. (See Mackowski, Leon L., assignor.)
Olsen, Anders C., Garden City, N. Y. Building construction. 2,064,683; Dec. 15.
Olson, Alex H., Evanston, assignor to J. W. Droll, Chicago, Ill. Method of and apparatus for assembling spring structures. 2,064,560; Dec. 15.
Olson, Harry F., and F. Massa, Collingswood, N. J., assignors to Radio Corporation of America. Electroacoustic device. 2,064,316; Dec. 15.
O'Neill, George D., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Space discharge device. 2,064,216; Dec. 15.

Oshkosh Trunks, Inc. (See Wintz, William, assignor.)
Ostendorf, Peter, Modling, near Vienna, Austria. Welding. 2,064,684; Dec. 15.
O'Sullivan, Denis T., West Orange, assignor of one-half to P. S. McLean, Bloomfield, N. J. Operation of internal combustion engines. 2,064,561; Dec. 15.
Otis Elevator Company. (See Larson, David C., assignor.)
Ott, Conrad L. (See Gurney, D., Baisiger, and Ott.)
Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Automatic control device. 2,064,175; Dec. 15.
Owens, Henry & Company. (See Owens, Henry, assignor.)
Owens, Henry, Edgewood, assignor to Henry Owens & Company, Inc., Providence, R. I. Selective trapping or cutting device for use in twisting, winding, spinning, or like machines. 2,064,491; Dec. 15.
Owens, Henry, Edgewood, assignor to Henry Owens & Company, Inc., Providence, R. I. Strand tensioning, slack compensating, selective trapping, and cutting device. 2,064,685; Dec. 15.
Owens, Henry & Company. (See Smyth, Harold E., assignor.)
Owens-Illinois Glass Company. (See Playford, H. E., Hoge, and Cone, assignors.)
Oxley, Horace F., and W. H. Groombridge, Spondon, near Derby, England, assignors to Celanese Corporation of America. Performing chemical reactions. 2,064,317; Dec. 15.
Pacific Pump Works, Ltd. (See Hudson, Frank M., assignor.)
Paine, Louis B., Big Spring, Tex., assignor to National Aluminate Corporation, Chicago, Ill. Liquid feeder. 2,064,627; Dec. 15.
Palmer Company, The. (See Bruns, Anthony C., assignor.)
Paris, Benjamin, Wellington, New Zealand. Brace. 2,064,077; Dec. 15.
Parker, Arthur L., Cleveland, Ohio. Buffer for fluid pressure indicators. 2,064,268; Dec. 15.
Parker, Henry C., Washington, D. C. Automobile ventilator and windshield defroster. 2,064,492; Dec. 15.
Parker, Morgan, Katonah, N. Y., assignor to Bard-Parker Company, Inc., Danbury, Conn. Detachable blade knife. 2,064,176; Dec. 15.
Parker, William R. (See Holbrook, W. L., and Parker.)
Parkinson, Joseph C. (See Geistharp, F., and Parkinson.)
Parkinson, Reginald H. (See Riley, R. H. J., Parkinson, and Sims.)
Pasinski, Walter J., Howell, assignor to Burroughs Adding Machine Company, Detroit, Mich. Cash machine. 2,064,562; Dec. 15.
Pass & Seymour, Inc. (See Russell, Mark N., assignor.)
Patent and Licensing Corporation, The. (See Kirschbraun, Lester, assignor.)
Patten Package Company. (See Patten, Wellington F., assignor.)
Patten, Wellington F., assignor to Patten Package Company, Inc., Calypso, N. C. Basket. 2,064,493; Dec. 15.
Penn Electric Switch Co. (See Rubel, Abraham L., assignor.)
Pennsylvania Petroleum Research Corporation. (See Fenske, M. R., and McCluer, assignor.)
Pennybacker, Miles. (See Shively, J. J., and Pennybacker.)
Perfect Circle Company, The. (See Teetor, Macy O., assignor.)
Perfecto Gear Differential Co. (See Starr, Charles E., assignor.)
Peters, Peter A., Essen, Ruhr, Germany. Headlight. 2,064,446; Dec. 15.
Peterson, Edward H. (See McNaught, N. F., and Peterson.)
Petrini, Remo W., Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,064,177; Dec. 15.
Phelps Dodge Corporation. (See Ralston, Oliver C., assignor.)
Philbin, Wilfred L. (See Dodge, E. S., and Philbin.)
Picard, René, Vaulx-en-Velin, and R. Fays, Gauchy, France, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic materials and preparing same. 2,064,355; Dec. 15.
Picard, René, Vaulx-en-Velin, and R. Fays Gauchy, France, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic materials and producing same. 2,064,356; Dec. 15.
Pickard, Thomas W., Columbus, Ohio. Sprayer. 2,064,178; Dec. 15.
Pierce, Burt N., New York, N. Y. Lubricating system for [internal combustion engines. 2,064,078; Dec. 15.
Pierce, Charles M., deceased, Detroit, Mich., L. Pierce, executrix. Sing rejector. 2,064,686; Dec. 15.
Pierce, George W. (See Steinberger, Raymond L., assignor.)
Pierce, George W., Cambridge, Mass. Direction, transmission, and reception method and system. 2,063,944; Dec. 15.
Pierce, George W., Cambridge, Mass. Diaphragm and method. 2,063,945; Dec. 15.
Pierce, George W., Cambridge, Mass. Sound communication system. 2,063,946; Dec. 15.
Pierce, George W., Cambridge, Mass. Compensator. 2,063,947; Dec. 15.
Pierce, George W., Cambridge, Mass. Magnetostrictive vibrator. 2,063,949; Dec. 15.
Pierce, George W., Cambridge, and A. Noyes, Jr., Winchester, Mass., said Noyes, Jr., assignor to said Pierce. Compensator and method. 2,063,948; Dec. 15.
Pierce, George W. (See Steinberger, Raymond L., assignor.)
Pierce, Loduskia, executrix. (See Pierce, Charles M.)
Pierce, William H., Coalinga, Calif. Filter. 2,064,030; Dec. 15.
Pike, Henry L., Greensboro, N. C., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Automatic Clutch control. 2,064,563; Dec. 15.
Pittman, Walter F. (See Ford, G. F., and Pittman.)
Pittsburgh Plate glass Company. (See Geistharp, F., and Parkinson, assignors.)
Pittsburgh Plate Glass Company. (See Kutchka, Karl G., assignor.)
Place, Willard P. (See Whitelock, L. D., Bossart, Place, and Sorensen.)
Platt, Herbert. (See Dreyfus, C., and Platt.)
Platt, Stephen A., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Fountain brush. 2,064,318; Dec. 15.
Plavin, Joseph, Cleveland, Ohio. Farming implement. 2,064,687; Dec. 15.
Playford, Harry E., and R. H. Hoge, Huntington, W. Va., and C. Cone, Alton, Ill., assignors to Owens-Illinois Glass Company. Stencil screen. 2,064,764; Dec. 15.
Pneumatic Scale Corporation. (See Griffith, Winfred S., assignor.)
Pole, Gordon R., Florence, assignor to Tennessee Valley Authority, Wilson Dam, Ala. Glazed ceramic ware and making. 2,063,953; Dec. 15.
Poole, Lora E., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Commutator finishing machine. 2,064,079; Dec. 15.
Pope, Louis W., Dallas, Tex. Tillage tool. 2,064,269; Dec. 15.
Porter, Howard C., La Grange Park, assignor to Signode Steel Strapping Company, Chicago, Ill. Preparing sheet metal for shipment. 2,064,383; Dec. 15.
Position Finder Corporation. (See Hagner, Frederick H., assignor.)
Poster, Jacob, et al. (See Franklin, Albert W., assignors.)
Powell, C. E., Emsworth, J. W. Force, Aliquippa, and F. W. Ofeldt, McKeesport, assignors to Homestead Valve Manufacturing Company, Coraopolis, Pa. Automatic lift valve. 2,064,765; Dec. 15.
Powers, Milton A., assignor to The Timken-Silent Automatic Company, Detroit, Mich. Apparatus for burning liquid fuel. 2,064,080; Dec. 15.
Precision Scientific Company. (See Newman, Alexander L., assignor.)
Premier Manufacturing & Sales Company. (See Lofstedt, William J., assignor.)
Price, Nathan C., Berkeley, Calif. Control system. 2,064,494; Dec. 15.
Prime Machine Co. Inc. (See Roseman, Leo, assignor.)
Prouty, Theodore C., Hermosa Beach, assignor to Metlox Corporation, Ltd., Manhattan Beach, Calif. Multiple unit tube. 2,064,354; Dec. 15.
Pruden, Harold M., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,064,319; Dec. 15.
Quart, Thure A., Hartford, Conn. Oil burner. 2,064,081; Dec. 15.
Quattlebaum, William M., Jr., Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Preparation of monomethylol ketones. 2,064,564; Dec. 15.
Quenean, Augustin L. J., Bernardsville, N. J. Method and apparatus for recovering vaporized metal compounds 2,064,495; Dec. 15.
Querfurth, Wilhelm. (See Fuchs, O., Naujoks, and Querfurth.)
Quick, Roland C. (See Davis, N. E., and Quick.)
Racine Tool and Machine Company. (See Erskine, Malcolm E., assignor.)
Radio Corporation of America. (See Bokovoy, Samuel A., assignor.)
Radio Corporation of America. (See Braden, Rene A., assignor.)
Radio Corporation of America. (See Briggs, Joseph A., assignor.)
Radio Corporation of America. (See Brown, Charles H., assignor.)
Radio Corporation of America. (See Cady, Walter G., assignor.)
Radio Corporation of America. (See Craig, P. M., and Ward, assignors.)
Radio Corporation of America. (See Crosby, Murray G., assignor.)
Radio Corporation of America. (See Davis, N. E.; and Quick, assignors.)
Radio Corporation of America. (See Haeff, Andrew V., assignor.)
Radio Corporation of America. (See Mathieu, Gaston A., assignor.)
Radio Corporation of America. (See Olson, H. F., and Massa, assignors.)
Radio Corporation of America. (See Schulz, Walter A., assignor.)

Radio Corporation of America. (See Shumard, Charles C., assignor.)
Radio Corporation of America. (See Sontagh, J. R., and Holden, assignors.)
Radio Corporation of America. (See Wolff, Irving, assignor.)
Raflovich, Harry, Detroit, Mich. Hinge construction. 2,064,628; Dec. 15.
Ragsdale, Earl J. W., Norristown, assignor to the Edward G. Budd Manufacturing Company, Philadelphia, Pa. Selector control switch. 2,064,179; Dec. 15.
Ralston, Oliver C., Clarkdale, Ariz., assignor, by mesne assignments, to Phelps Dodge Corporation, New York, N. Y. Concentration of minerals. 2,064,031; Dec. 15.
Ramsey, Allan, Evanston, assignor, by mesne assignments, to Schweitzer & Conrad, Inc., Chicago, Ill. Switch. 2,063,954; Dec. 15.
Rasmussen, Arthur O. (See Lock, G. M., and Rasmussen.)
Ravanelli, Ben H., Austin, Tex. Carburetor for internal combustion engines. 2,064,217; Dec. 15.
Reed Propeller Co., The. (See Chilton, R., and Gagg, assignors.)
Reedy, Alfred J. (See Berry, F. K., and Reedy.)
Reeves Manufacturing Company, The. (See Hunker, Martin L., assignor.)
Reggie, Christy, Queens Village, assignor to J. M. Connell Shoe Co., South Braintree, Mass. Shoe and insole therefor. 2,064,629; Dec. 15.
Reid, Ernest W., Pittsburgh, Pa., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Producing vinyl resins. 2,064,565; Dec. 15.
Reimherr, Philip, Troy, N. Y. Internal combustion engine. 2,064,082; Dec. 15.
Remington Rand Inc. (See Dodge, E. S., and Philbin, assignors.)
Republic Steel Corporation. (See Wheeler, Stephen W., assignor.)
Research Corporation. (See Van de Graaff, Robert J., assignor.)
Resek, Jules V. (See Davies, L. L., Resek, and Carson.)
Reutter, Frederick R., assignor to Scovill Manufacturing Company, Waterbury, Conn. Slide buckle. 2,064,447; Dec. 15.
Reutter, Philip A., assignor to Scovill Manufacturing Company, Waterbury, Conn. Lipstick holder. 2,064,556; Dec. 15.
Rheinmetall-Borsig Aktiengesellschaft. (See Laermann, Kurt, assignor.)
Rheinmetall-Borsig Aktiengesellschaft. (See Suess, Heinrich, assignor.)
Richard, Charles D. (See Bieling, C. A., and Richard.)
Richards-Wilcox Manufacturing Company. (See Heckman, John A., assignor.)
Richardson, Carl D. (See Smithers, E. E., and Richardson.)
Richardson Company, The. (See Hottel, Louis W., assignor.)
Richardson, Henry H., Louisville, Ky. Apparatus for displaying aerial signs. 2,064,218; Dec. 15.
Richman, David, New York, N. Y. Dog boot or galosh. 2,064,566; Dec. 15.
Richter, George A., and J. W. McKinney, assignor to Brown Company, Berlin, N. H. Activation of cellulose for conversion into cellulose derivatives. 2,064,384; Dec. 15.
Rider, John F. (See Kalenelk, Paul, assignor.)
Rieff, John G., London, Wis. Garden tool. 2,064,448; Dec. 15.
Rieman, Otto A. (See Mitchell, C. D., and Rieman.)
Riley, Fred E., Livermore Falls, Maine. Valve. 2,064,567; Dec. 15.
Riley, Reginald H. J., R. H. Parkinson, and H. H. Sims, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of artificial filaments or threads. 2,063,897; Dec. 15.
Ritterbusch, Oscar F., Chicago, Ill. Dispenser for toothpaste. 2,064,357; Dec. 15.
Rix, Milton H., Three Rivers, Mich., assignor to Fairbanks, Morse & Company, Chicago, Ill. Vehicle wheel. 2,064,219; Dec. 15.
Roberts, Aileene, Los Angeles, Calif. Protective head covering. 2,064,032; Dec. 15.
Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Centrifugal discharger. 2,064,766; Dec. 15.
Roberts & Mander Stove Company. (See Antrim, William D., assignor.)
Rocard, Yves, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Radio receiver. 2,064,220; Dec. 15.
Rochlus, Benjamin B., Cleveland, Ohio. Color selector and indicator. 2,064,449; Dec. 15.
Rocke, Louis, Brooklyn, N. Y., assignor to A. J. Donahue, Stamford, Conn. Mounting for separable fasteners. 2,064,180; Dec. 15.
Rockwell, Hugh M., Freeport, N. Y. Motor vehicle and braking system therefor. 2,064,688; Dec. 15.
Roffeni Tiraferri, Luigi, Bologna, and C. Mazzetti, Rome, Italy. Degumming textile fibers. 2,064,130; Dec. 15.
Rogers, Thomas H. (See Adams, E. W., and Rogers.)
Rolscreen Company. (See Moore, Hubert, assignor.)
Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,064,320; Dec. 15.
Roosenstein, Hans O. (See Gothe, A., and Roosenstein.)
Rorden, Harold L., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Impulse generator. 2,064,630; Dec. 15.
Rose, Bennie A., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine generator rotor. 2,064,033; Dec. 15.
Roseman, Leo, Newark, N. J. Fastener for garments of elastic fabric. 2,064,222; Dec. 15.
Roseman, Leo, assignor to Prime Machine Co. Inc., Newark, N. J. Multiple direction sewing machine. 2,064,221; Dec. 15.
Rosenstein, Ludwig. (See Carriere, J. G., and Rosenstein.)
Rossum, Charles, Brooklyn, N. Y., assignor to Continental Folding Paper Box Co., Inc., Ridgefield, N. J. Package. 2,064,321; Dec. 15.
Rothenhoefer, Walter W., St. Louis, Mo. Aeroplane. 2,064,223; Dec. 15.
Rowe, Irving R., assignor to The Atwood Machine Company, Stonington, Conn. Antiballooning spindle for twisting machines. 2,064,270; Dec. 15.
Royal Typewriter Company. (See Petrini, Remo W., assignor.)
Rubel, Abraham L., assignor to Penn Electric Switch Co., Des Moines, Iowa. Electric control apparatus for fuel burners. 2,064,181; Dec. 15.
Rudnick, George E., Kansas City, Mo. Refillable fuse plug. 2,064,034; Dec. 15.
Ruppert, Ladis W., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Surface finishing articles. 2,064,322; Dec. 15.
Russell, Mark N., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Mounting for wiring devices. 2,064,083; Dec. 15.
Russwurm, Elias and N., Carrick Township, Ontario, Canada. Combined fan and cutter. 2,064,689; Dec. 15.
Russwurm, Noah. (See Russwurm, Elias and N.)
Rutherford, John T. (See Hampton, W. H., and Rutherford.)
Ry-Lock Company Itd. (See Wiener, Martin L., assignor.)
Rynearson, Eugene, Dallas, Tex. Amusement apparatus. 2,064,035; Dec. 15.
Sachs, Max, Far Rockaway, N. Y. Pocketbook. 2,064,568; Dec. 15.
Safety Car Heating & Lighting Company, The. (See Godsey, Frank W., Jr., assignor.)
Salenius, Carl G. T., assignor to Aktiebolaget Master Regulator, Stockholm, Sweden. Shock absorber. 2,064,496; Dec. 15.
Salmon, Chester G. (See Ellestad, G. A., and Salmon.)
Salvatori, Henry, Hollywood, Calif., assignor to Western Geophysical Company, Tulsa, Okla. Apparatus for determining subsurface geological formations. 2,064,385; Dec. 15.
Sammer, Franz. (See Jobst, G., and Sammer.)
Sandberg, Ray A., Waukegan, assignor to Oakes Products Corporation, North Chicago, Ill. Making a condenser. 2,064,036; Dec. 15.
Sandin, Jerome, Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company. Fuse mechanism. 2,064,037; Dec. 15.
Sando, Joseph B., Norwood, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Apparatus for cleaning fabric. 2,064,084; Dec. 15.
Sanford, Roy S. (See Kliesrath, V. W., and Sanford.)
Santucci, Nicholas, Niles Center, Ill. Pipe testing plug. 2,064,569; Dec. 15.
Sayers, William W., assignor to Link-Belt Company, Chicago, Ill. Settling tank for sewage and the like. 2,064,497; Dec. 15.
Sayre, Gordon B., Syracuse, assignor, by mesne assignments, to Eclipse Machine Company, Elmira Heights, N. Y. Automatic controller for internal combustion engine starters. 2,064,358; Dec. 15.
Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Bookbinding construction. 2,064,224; Dec. 15.
Scharf, Paul B. (See Curtis, L. F., and Scharf.)
Schavone, James V., Munhall, Pa. Skate wheel. 2,064,690; Dec. 15.
Scheffer, Marinus A., assignor to N. V. Nederlansche Gisten Spiritusfabriek, Delft, Netherlands. Microbiological preparation of 2,3-butylene glycol. 2,064,359; Dec. 15.
Schellens, Christopher A., Marblehead, Mass., and G. W. Emery, assignors to C-S Engineering Company, Englewood, N. J. Locomotive. 2,064,126; Dec. 15.
Schering-Kahlbaum A. G. (See Diedrich, Paul, assignor.)
Schick Industries Limited. (See Schick, Jacob, assignor.)
Schick Jacob, Stamford, Conn., assignor, by mesne assignments, to Schick Industries Limited, Nassau, Bahama Islands. Electric motor. 2,064,038; Dec. 15.
Schiltz, Bernard P., assignor to The Foote Burt Company, Cleveland, Ohio. Apparatus for machining metal parts. 2,063,955; Dec. 15.
Schlafman, Clifford J., Merchantville, assignor to Warren Webster & Company, Camden, N. J. Radiator structure. 2,064,386; Dec. 15.
Schmidt, Walter and H. Altwicker, Bitterfeld, Germany, assignors, by mesne assignments, to Magnesium Development Corporation. Forging magnesium and high percentage magnesium alloys. 2,064,323; Dec. 15.

Schmidt, Walter A., and W. Nadeau, assignors to Holbrook Service Company, Los Angeles, Calif. Refrigerant condensing apparatus. 2,064,271; Dec. 15.
Schmitt, Richard H., Schenectady, N. Y., assignor to General Electric Company. Contactor. 2,064,631; Dec. 15.
Schmitt, Richard H., Schenectady, N. Y., assignor to General Electric Company. Electromagnetic switch. 2,064,632; Dec. 15.
Schmitz, Frank, Roselle, N. J. Key holder. 2,064,691; Dec. 15.
Schnaubelt, Frank H., LaGrange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric storage battery. 2,064,324; Dec. 15.
Schnelder, Emil, Philadelphia, Pa. Regulable moisture emitting and evaporating device. 2,064,225; Dec. 15.
Schneider, Lolus J., Chicago, Ill. Sign display stand 2,064,127; Dec. 15.
Scholz, Henry C. (See Grieb, W. W., and Simon, assignors.)
Schulz, Walter A., Oaklyn, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Film drag applying device. 2,064,570; Dec. 15.
Schur, Milton O., assignor to Brown Company, Berlin, N. H. Manufacture of smooth-faced webs of interfelted fiber. 2,064,360; Dec. 15.
Schwartz, Charles, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Manufacture of casein products. 2,064,387; Dec. 15.
Schwarze Electric Company. (See Durant, John D., assignor.)
Schweitzer & Conrad, Inc. (See Ramsey, Allan, assignor.)
Schwinn, Arnold & Co. (See Hart, Kenneth V., assignor.)
Scott, Clarence N., Houston, Texas. Period control valve for plunger lift devices. 2,064,272; Dec. 15.
Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Roller boring drill. 2,064,273; Dec. 15
Scott, Murray R., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical glass composition. 2,064,361; Dec. 15.
Scovill Manufacturing Company. (See Giles, Louis E., assignor.)
Scovill Manufacturing Company. (See Lee, James, assignor.)
Scovill Manufacturing Company. (See Mitchell, August, assignor.)
Scovill Manufacturing Company. (See Reutter, Frederick R., assignor.)
Scovill Manufacturing Company. (See Reutter, Philip A., assignor.)
Searing, Charles A., Pittsburgh, Pa. Building structure. 2,064,633; Dec. 15.
Seiberling Latex Products Company. (See Belton, Porter L., and O. L., assignors.)
Semet-Solvay Engineering Corporation. (See Hughes, Charles H., assignor.)
Semet-Solvay Engineering Corporation. (See Tiddy, William, assignor.)
Servel, Inc. (See Thomas, Albert R., assignor.)
Servel, Inc. (See Volpin, Alexander S., assignor.)
Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Manufacture of organic derivatives of cellulose. 2,064,226; Dec. 15.
Shackford, Earl W., Cambridge, and A. W. Ingalls, Lynn, Mass. Sleet and mist eliminating device for wind shields. 2,064,498; Dec. 15.
Shambow, John C., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for use in covering heels. 2,063,956; Dec. 15.
Shank, Claude, assignor of one-half to J. R. Bruce, Goshen, Ind. Brake rod cushion. 2,064,692; Dec. 15.
Shann, Oscar A., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Recording mechanism. 2,064,274; Dec. 15.
Sharp, John C., Oak Park, assignor to Edison General Electric Appliance Company, Chicago, Ill. Electrical heating system. 2,064,634; Dec. 15.
Sharples Solvents Corporation, The. (See Clark, Lee H., assignor.)
Sharples Specialty Company, The. (See Jones, Leo D., assignor.)
Shaver, Walter G., Bellerose Manor, and J. C. Farmer, Elmont, N. Y. Fuel vapor and air mixer. 2,064,693; Dec. 15.
Shell Development Company. (See Carriere, J. G., and Rosenstein, assignors.)
Shell Development Company. (See Yates, Wallace J., assignor.)
Shering-Kahlbaum A. G. (See Hildebrandt, Friedrich, assignor.)
Sherman, John Q., and A. W. Metzner, Dayton, Ohio, said Metzner assignor to said Sherman. Manifolding attachment for typewriters. 2,063,959; Dec. 15.
Shipley, Sylvanus C., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system for automatic stokers. 2,063,898; Dec. 15.
Shippy, Leo C., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Arc welder. 2,064,085; Dec. 15.
Shirey, Henry E. (See Carr, W. D., and Shirey.)

Shively, John J., New York, N. Y., and M. Pennybacker, West Orange, N. J., assignors to Neosign Corporation. Forming luminous grids. 2,064,039; Dec. 15.
Shoe Form Co. (See De Witt, William J., assignor.)
Short, Bladen M., assignor to General Spring Bumper Corporation, Detroit, Mich. Bumper construction. 2,063,957; Dec. 15.
Short, Bladen M., assignor to General Spring Bumper Corporation, Detroit, Mich. Bumper guard. 2,063,958; Dec. 15.
Short, Charles R., Clermont, Fla., and R. P. Koehring, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Bearing. 2,064,086; Dec. 15.
Shumard, Charles C., Moorestown, N. J., assignor to Radio Corporation of America. Radio frequency distribution system. 2,064,227; Dec. 15.
Sibley, Menzo S. (See Casey, P. J., and Sibley.)
Sigman, John J. (See Jepson, L., and Sigman.)
Signode Steel Strapping Company. (See Porter, Howard C.)
Simon, Eaross J. (See Grieb, W. W., and Simon.)
Simonds, Herbert R., Oakwood, Ohio. Pneumatic tire. 2,064,694; Dec. 15.
Sims, Herbert H. (See Riley, R. H. J., Parkinson, and Sims.)
Singer Manufacturing Company, The. (See Naul, James M., assignor.)
Sipe, Harry E., assignor of one-half to N. L. Foster, New York, N. Y. Air valve. 2,064,695; Dec. 15.
Slepian, Joseph. (See Ludwig, L. R., and Slepian.)
Slotsky, David, Cleveland, Ohio. Lens. 2,064,228; Dec. 15.
Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,064,388; Dec. 15.
Smith, Benjamin F., and J. H. De Fee, Jacksonville, Fla. Fish holder. 2,064,696; Dec. 15.
Smith, Carroll C. (See Williams, I., and Smith.)
Smith, Charles A., Norwich, N. Y. Support. 2,064,087; Dec. 15.
Smith, Ellsworth J., Sr. (See Hirtz, Joseph A., Sr., assignor.)
Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,063,960; Dec. 15.
Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,064,040; Dec. 15.
Smith, John E., assignor to Knapp-Monarch Company, Belleville, Ill. Unit heater. 2,064,389; Dec. 15.
Smith, Omar H., West Englewood, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Manufacture of styrol. 2,064,571; Dec. 15.
Smith, Vernon G., Willows, Calif. Spring controlled spark device for engines. 2,064,572; Dec. 15.
Smithers, Ernest E., Sydney, New South Wales, and C. D. Richardson, Brisbane, Queensland, Australia. Pneumatic surfboard or float. 2,064,128; Dec. 15.
Smyth, Harold E., Millville, Mass., assignor to Henry Owens & Company, Inc., Providence, R. I. Thread stop-motion. 2,064,697; Dec. 15.
Società Italiana Pirelli. (See Emanueli, Luigi, assignor.)
Sonotone Corporation. (See Greibach, Emil H., assignor.)
Sontagh, John R., Audubon, and H. C. Holden, Woodbury, N. J., assignors to Radio Corporation of America. Intermittent feed mechanism. 2,064,275; Dec. 15.
Sorensen, Andrew J. (See Whitelock, L. D., Bossart, Place, and Sorensen.)
Soulé, Edward L., Oakland, Calif. Building material. 2,064,041; Dec. 15.
Sovereign Machinery Company. (See Kershaw, Henry, assignor.)
Spase, Charles B., Nedrow, assignor to W. C. Lipe Inc., Syracuse, N. Y. Clutch. 2,064,450; Dec. 15.
Spase, Charles B., Nedrow, assignor to W. C. Lipe Inc., Syracuse, N. Y. Clutch. 2,064,499; Dec. 15.
Spase, Charles B., Nedrow, assignor to W. C. Lipe Inc., Syracuse, N. Y. Clutch construction. 2,064,500; Dec. 15.
Spence, Earl F., and L. T. Lindquist, Fairfield, Ala. Roll temperature regulator for sheet mills. 2,064,182; Dec. 15.
Sperry, Arthur G., Hollis, N. Y. Vise jaw wiper for typographical machines. 2,064,698; Dec. 15.
Sperry Gyroscope Company. (See Wittkuhns, B. A., and Watkins.)
Spiro, Amster, New York, N. Y. Board game. 2,064,229; Dec. 15.
Spradlin, Harry D. (See Beisley, W. F., Spradlin, Deadrich, and Eckhoff.)
Sprague, Robert C., and J. F. McCann, Williamstown, assignors to Sprague Specialties Company, North Adams, Mass. Electrolytic device. 2,064,183; Dec. 15.
Sprague Specialties Company. (See Sprague, R. C., and McCann, assignors.)
Spray Engineering Company. (See Thompson, Wayne B., assignor.)
Stahl, Frank E., Tonawanda, and R. J. Kieffer, Getzville, assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Gearing. 2,064,699; Dec. 15.

Standard Oil Company. (See Adams, E. W., and Rogers, assignors.)
Standard Oil Company. (See Brown, A. B., and Diwoky, assignors.)
Standard Oil Company. (See Voorhees, Vanderveer, assignors.)
Standard Oil Company of California. (See Hampton, W. H., and Rutherford, assignors.)
Standard Oil Co., (Indiana) The. (See Wilson, Robert E., assignor.)
Standard Stoker Company, The. (See Surdykowski, Charles J. (Charles J. Surdy), assignor.)
Standard Stoker Company, The. (See Wright, William N., assignor.)
Starr, Charles E., deceased, by E. M. Starr, administratrix, Inglewood, Calif., assignor to Perfecto Gear Differential Co., Bellingham, Wash. Free-wheeling mechanism. 2,064,230; Dec. 15.
Starr, Eva M., administratrix. (See Starr, Charles E.)
Staub, E. Elmer. (See Jack, D., and Matisek, assignors.)
Stechbart, Bruno, assignor to The Bell & Howell Company, Chicago, Ill. Motion picture machine. 2,064,088; Dec. 15.
Stein, Alexander, Philadelphia, Pa. Electromagnetic device. 2,064,700; Dec. 15.
Steinberger, Raymond L., Westwood, assignor to G. W. Pierce, Cambridge, Mass. Apparatus for transmission and reception. 2,063,950; Dec. 15.
Steinberger, Raymond L., Westwood, assignor to G. W. Pierce, Cambridge, Mass. Apparatus for transmission and reception. 2,063,951; Dec. 15.
Steinberger, Raymond L., Westwood, assignor to G. W. Pierce, Cambridge, Mass. Apparatus for transmission and reception. 2,063,952; Dec. 15.
Stemmeler, Fred, Milwaukee, Wis. Spark plug. 2,064,089; Dec. 15.
Stern, Benjamin B., Chicago, Ill. Rotary type pump. 2,064,635; Dec. 15.
Sternau, S., & Co. (See Morin, Louis H., assignor.)
Stevens, Elbridge W., Baltimore, Md. Lead-in conductor. 2,064,184; Dec. 15.
Stokkebye, Einar O., Goteborg, Sweden. Manufacture of rice flakes. 2,064,701; Dec. 15.
Stoney, John T., Lakewood, Ohio, and U. B. Williams, Miami, Fla. Kite plane. 2,063,961; Dec. 15.
Strattard, Charles L., Fairfield, Conn., assignor to Aluminum Company of America, Pittsburgh, Pa. Building construction. 2,064,276; Dec. 15.
Suess, Heinrich, Berlin-Tegel, Germany, assignor to Rheinmetall-Borsig Aktiengesellschaft. Fractionating column. 2,064,390; Dec. 15.
Sullivan Machinery Company. (See Wineman, Wade H., assignor.)
Sullivan, Raymond H., and W. R. Gordon, Rochester, N. Y., assignors to General Motors Corporation, Detroit, Mich. 2,064,090; Dec. 15.
Surdy, Charles J. (by judicial change of name). (See Surdykowski, Charles J., (Surdy, Charles J.).)
Surdykowski, Charles J., Tuckahoe, N. Y., said Surdykowski by judicial change of name Charles J. Surdy, assignor to The Standard Stoker Company, Incorporated. Stoker. 2,064,277; Dec. 15.
Sutton, Hubert, and L. F. LeBrocq, South Farnborough, England. Protection of metallic surfaces. 2,064,325; Dec. 15.
Swanson, Hjalmar A., assignor to Cummins Perforator Company, Chicago, Ill. Check signing and endorsing machine. 2,064,391; Dec. 15.
Swenson, Carl E., and E. B. Anderson, Rockford, assignors, by mesne assignments, to Borg Warner Corporation, Chicago, Ill. Universal joint assembly. 2,064,392; Dec. 15.
Talt, Wilfred E. (See Cohn, I. E., and Talt.)
Talbott, Boone S., St. Paul, Minn. Collapsible windshield visor. 2,064,393; Dec. 15.
Tappe, Wilhelm, Bucharest, Rumania. Apparatus for extinguish fires. 2,064,278; Dec. 15.
Tatter, John W., Akron, Ohio, assignor, by mesne assignments, to Bendix Products Corporation, South Bend, Ind. Brake. 2,064,573; Dec. 15.
Tatter, John W., Detroit, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,064,574; Dec. 15.
Taylor, Arnold N., assignor to C. M. Hall Lamp Company, Detroit, Mich. Combined lens and reflector. 2,064,501; Dec. 15.
Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control system. 2,064,231; Dec. 15.
Taylor, Eugene V., Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind. 2,064,575; Dec. 15.
Taylor, John J., Wadsworth, assignor to The Ohio Brass Company, Mansfield, Ohio. Vibration damper. 2,064,636; Dec. 15.
Taylor, William L., and J. W. Grebby, Spondon, near Derby, England, assignors to Celanese Corporation of American. Artificial textile material. 2,064,279; Dec. 15.
Teare, Robert C., Evanston, assignor to O-Cedar Corp'n., Chicago, Ill. Mop handle support. 2,064,502; Dec. 15.
Tebo, William A., Anthony, R. I., assignor to Draper Corporation, Hopedale, Mass. Automatically threading loom shuttle. 2,064,362; Dec. 15.
Tebo, William A., Anthony, R. I., assignor to Draper Corporation, Hopedale, Mass. Shuttle for automatic looms. 2,064,363; Dec. 15.
Tector, Macy O., Newcastle, assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring structure. 2,064,576; Dec. 15.
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Buschbeck, Werner, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gothe, A., and Roosenstein, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hermanspann, Paul, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Jobst, G., and Sammer, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Leib, August, assignor.)
Temple, Robert, Jr., Pittsburgh, Pa. Method and apparatus for forming joints. 2,064,129; Dec. 15.
Temple, Robert, Jr., Brooklyn, N. Y. Cartridge. 2,064,503; Dec. 15.
Tennessee Valley Authority. (See Pole, Gordon R., assignor.)
Tepper, Joseph, Boston, Mass. Easel. 2,064,232; Dec. 15.
Texas Company, The. (See Lauer, C. E., Manley, and Loeb, assignors.)
Texas Company, The. (See Neuman, Leonard J., assignor.)
Texas Company, The. (See Towne, Charles C., assignor.)
Thayer, Starr, Houston, Tex. Pipe cleaning apparatus. 2,064,577; Dec. 15.
Thibault, Federico J. (See Greenfield, E., and Thibault.)
Thies, Herman R., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Container. 2,064,767; Dec. 15.
Thies, Herman R., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Electrical insulation. 2,064,768; Dec. 15.
Thomann, Frederick A., East Moline, assignor to Deere & Company, Moline, Ill. Cotton harvester. 2,064,394; Dec. 15.
Thomas, Albert R., New York, N. Y., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,064,233; Dec. 15.
Thomas, Archibald P., Birmingham, England, assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,064,578; Dec. 15.
Thomas, Ralph B., assignor to Hygrade Sylvania Corporation, Salem, Mass. Lamp, tube, and similar device. 2,064,364; Dec. 15.
Thompson, Richard, Los Angeles, Calif. Charge forming device. 2,064,185; Dec. 15.
Thompson, Wayne B., Winchester, assignor to Spray Engineering Company, Somerville, Mass. Highway marker. 2,064,504; Dec. 15.
Thompson, Wayne B., Winchester, assignor to Spray Engineering Company, Somerville, Mass. Apparatus or tool for applying dock. 2,064,505; Dec. 15.
Thompson, Wayne B., Winchester, assignor to Spray Engineering Company, Somerville, Mass. Valve. 2,064,769; Dec. 15.
Tiddy, William, Scarsdale, assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Carbureted water gas set. 2,064,007; Dec. 15.
Tittig, Chester, assignor to Kelley-Koett Mfg. Co., Covington, Ky. Oil-filled high voltage cable. 2,064,326; Dec. 15.
Timken-Detroit Axle Company, The. (See Keese, Beverly W., assignor.)
Timken Roller Bearing Company, The. (See Frank, Pardee H., assignor.)
Timken-Silent Automatic Company, The. (See Powers, Milton A., assignor.)
Timlowski, Edward R. (See Huttinger, C. A., and Timlowski.)
Tinnerman, Albert H. (See Tinnerman, George A., assignor.)
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening device. 2,064,091; Dec. 15.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Spring fastener. 2,064,092; Dec. 15.
Titanium Alloy Manufacturing Company, The. (See Comstock, George F., assignor.)
Torf, Jude. (See Hilton, Roland C., assignor.)
Towne, Charles C., Poughkeepsie, assignor to The Texas Company, New York, N. Y. Dewaxing lubricating oil. 2,064,506; Dec. 15.
Traders Oil Mill Company. (See Harrell, T. J., and McMath, assignors.)
Trayman, Albert, Seattle, Wash. Gold recovery device. 2,064,234; Dec. 15.
Tricoumi Société Anonyme. (See Genecand, Felix, assignor.)
Tritle, John F., Erie, Pa., assignor to General Electric Company. Control system and apparatus. 2,064,637; Dec. 15.
Tschunkur, Eduard, and H. Köhler, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Organic disulphides. 2,064,395; Dec. 15.

Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Key-responsive calculating machine. 2,063,962; Dec. 15.
Turner Tanning Machinery Company, The. (See Ballard, Harrie A., assignor.)
Tuscan, George E., Wollaston, and W. F. Mathewson, North Weymouth, Mass. Ice cream freezer. 2,064,131; Dec. 15.
Tuttle Press Company, The. (See Binkowsky, Bruno G., assignor.)
Tyson, Archie M., Dallas, Tex. Shock absorber. 2,064,702; Dec. 15.
Ulrich, Heinrich, P. Koerding, and J. Nuesslein, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Reaction products of amines with strong polybasic mineral acids. 2,063,963; Dec. 15.
Underwood Elliott Fisher Company. (See Davis, Frank K., assignor.)
Union Carbide and Carbon Corporation. (See Quattlebaum, William M., Jr., assignor.)
Union Carbide and Carbon Corporation. (See Reid, Ernest W., assignor.)
Union Machinery Company. (See Marasso, Fred, assignor.)
Union Switch & Signal Company, The. (See Bossart, Paul N., assignor.)
Union Switch & Signal Company, The. (See Dodd, Arthur E., assignor.)
Union Switch & Signal Company, The. (See McWhirter, William C., assignor.)
Union Switch & Signal Company, The. (See Whitelock, L. D., Bossart, Place, and Sorensen, assignors.)
Union Switch & Signal Company, The. (See Young, H. S., and Allen, assignors.)
United American Bosch Corporation. (See Curtis, L. F., and Scharf, assignors.)
United Shoe Machinery Corporation. (See Eppler, Andrew, assignor.)
United Shoe Machinery Corporation. (See Fredericksen, James P., assignor.)
United Shoe Machinery Corporation. (See Lawson, Robert H., assignor.)
United Shoe Machinery Corporation. (See Moody, Fred M., assignor.)
United Shoe Machinery Corporation. (See Shambow, John C., assignor.)
United States Gypsum Company. (See Hussman, Carl, assignor.)
United States Gypsum Company. (See Vass, Michael G., assignor.)
U. S. Manufacturing Corporation. (See Platt, Stephen A., assignor.)
U. S. Ring Traveler Company. (See Land, Oliver B., assignor.)
United States Rubber Products, Inc. (See Chittenden, Fayette D., assignor.)
United States Rubber Products, Inc. (See Dickey, Ralph L., assignor.)
United States Rubber Company. (See Smith, Omar H., assignor.)
Universal Oil Products Company. (See Ipatieff, Vladimir, assignor.)
Upson, Charles A., assignor to The Upson Company, Lockport, N. Y. Construction material. 2,063,964; Dec. 15.
Upson, Charles A., assignor to The Upson Company, Lockport, N. Y. Building material. 2,064,132; Dec. 15.
Upson, Charles A., assignor to The Upson Company, Lockport, N. Y. Composite construction material. 2,064,327; Dec. 15.
Upson Company, The. (See Upson, Charles A., assignor.)
Van de Graaff, Robert J., Cambridge, Mass., assignor to Research Corporation, New York, N. Y. Shaft seal for high vacuum chambers. 2,064,703; Dec. 15.
Van Pelt, Charles H. C., trustee et al. (See Ducker, Louis F., assignor.)
Van Sant, La Porte, Chicago, Ill. Remedial footwear. 2,064,507; Dec. 15.
Van Schaack Bros. Chemical Works, Inc. (See Lacy, Kenneth B., assignor.)
Vass, Michael G., Maywood, assignor to United States Gypsum Company, Chicago, Ill. Arch construction. 2,064,704; Dec. 15.
Victor Adding Machine Company. (See Garbell, Max, assignor.)
Vincke, Enrique, Palamos, Spain. Production of threads of india-rubber, gutta percha, or the like. 2,064,508; Dec. 15.
Vogel, William M., Glen Ridge, N. J. Method and apparatus for manufacturing bottle caps. 2,064,770; Dec. 15.
Vogt, Hans, Berlin-Dahlem, Germany, assignor to Ferrocart Corporation of America, New York, N. Y. High frequency coil. 2,064,771; Dec. 15.
Vogt, Hans, Berlin-Dahlem, Germany, assignor to Ferrocart Corporation of America, New York, N. Y. High-frequency coil with adjustable inductance value. 2,064,772; Dec. 15.
Vogt, Hans, Berlin-Lichterfelde, Germany, assignor to Ferrocart Corporation of America, New York, N. Y. Making magnetic cores. 2,064,773; Dec. 15.
Vollans, Frederick W., Orillia, assignor to F. F. Barber, Toronto, Ontario, Canada. Carbon copier. 2,064,328; Dec. 15.
Volpin, Alexander S., Houston, Tex., assignor to Servel, Inc., New York, N. Y. Automatic refrigerator defroster. 2,064,396; Dec. 15.
Von Schroeder, Albrecht, Denver, Colo. Hanger for handbags and the like. 2,064,133; Dec. 15.
Von Till, Louis A., Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Friction cap and package. 2,064,042; Dec. 15.
Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Seismic surveying. 2,064,451; Dec. 15.
Voss, John H., Downers Grove, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Intercommunicating system. 2,064,186; Dec. 15.
Wallace, Floyd D., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Retread paver. 2,064,365; Dec. 15.
Wallace, Henry A., Secretary of Agriculture of the United States of America. (See Brice, Brooks A., assignor.)
Walls, Harry R., et al. (See Wurm, C., and Goldstein, assignors.)
Walsh, Philip J., San Francisco, Calif. Selective tuning system. 2,063,965; Dec. 15.
Walters, Herbert C., assignor to Delco Aviation Corporation, Dayton, Ohio. Electrical apparatus. 2,064,093; Dec. 15.
Ward, Albert K. (See Craig, P. M., and Ward.)
Ward, Charles J., Grasmere, N. Y. Sanitary comb. 2,064,509; Dec. 15.
Warner Bros. Pictures, Inc. (See Jackman, Fred W., assignor.)
Warner, Homer C., assignor to The Lees-Bradner Company, Cleveland, Ohio. Cutting gears. 2,064,806; Dec. 15.
Watkins, Frederic M. (See Wittkuhns, B. A., and Watkins.)
Watson, Cecilia L., executrix. (See Watson, Chester R.)
Watson, Chester R., deceased, by Cecilia L. Watson, executrix, Detroit, Mich. Power transmitting mechanism. 2,064,452; Dec. 15.
Wean Engineering Company, The. (See Evans, Archibald D., assignor.)
Weaver, William R., Fort Thomas, Ky. Rifle telescope sight. 2,064,329; Dec. 15.
Webster, Warren, & Company. (See Schlafman, Clifford J., assignor.)
Welland, Edward W., Rochester, N. Y. Stair tread mat. 2,064,134; Dec. 15.
Wells, Alton J., Bell, Calif. Duplex shaper. 2,063,899; Dec. 15.
Wells, Donald H., Croton, Ohio. Filter. 2,064,510; Dec. 15.
Wells, Donald H., Croton, Ohio. Apparatus for filtering solids from liquids. 2,064,511; Dec. 15.
Wenczek, Karl, Berlin-Charlottenburg, Germany. Building material and building construction. 2,063,900; Dec. 15.
Wennett, Charles. (See Gordon, Herman L., assignor.)
Werner, Oscar, assignor to Bendix Aviation Corporation, South Bend, Ind. Fuel control for carburetors. 2,064,579; Dec. 15.
Wertz, Frederick L., Montclair, N. J. Card and display holder. 2,064,047; Dec. 15.
Western Electric Company. (See Barothey, Charles F., assignor.)
Western Electric Company, et al. (See Campbell, T. C., Wheeler, and Rowly, assignors.)
Western Electric Company. (See Crane, Edward J., assignor.)
Western Electric Company. (See Ruppert, Ladis W., assignor.)
Western Electric Company. (See Schnaubelt, Frank J., assignor.)
Western Geophysical Company. (See Salvatori, Henry, assignor.)
Western States Machine Company, The. (See Roberts, Eugene, assignor.)
Western Union Telegraph Company, The. (See Dirkes, R. F., and Kimball, assignors.)
Westinghouse Electric Elevator Company. (See Williams, Harold W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Anderson, Clare, assignor.)
Westinghouse Electric & Manufacturing Company. (See Barnstetner, Alfons, assignor.)
Westinghouse Electric & Manufacturing Company. (See Bollinger, Paul, assignor.)
Westinghouse Electric & Manufacturing Company. (See Booth, Harold S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brunner, Harry C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Elsey, Howard M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Frank, L. C., and Bobe, assignors.)
Westinghouse Electric & Manufacturing Company. (See James, William G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kilgore, George R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Klum, Theodore P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Leyland, Simeon C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Little, Donald G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ludwig, Leon R., assignor.)

Westinghouse Electric & Manufacturing Company. (See Ludwig, L. R., and Slepian, assignors.)
Westinghouse Electric & Manufacturing Company. (See Mosshart, D. J., and Foresman, assignors.)
Westinghouse Electric & Manufacturing Company. (See Moyer, Howard R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rose, Bennie A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Sandin, Jerome, assignor.)
Whalen, John T., New York, N. Y. Shelf support. 2,064,096; Dec. 15.
Whedon, Inc. (See Grinell, Albert A., assignor.)
Wheeler, Clyde H. (See Campbell, T. C., Wheeler, and Bowly.)
Wheeler, Clyde H., Midland Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collecting apparatus. 2,064,280; Dec. 15.
Wheeler, Harley T., Dallas, Tex. Packing. 2,064,235; Dec. 15.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Wave signal collecting system. 2,064,774; Dec. 15.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Band-pass filter. 2,064,775; Dec. 15.
Wheeler, Stephen W., Youngstown, assignor to Republic Steel Corporation, Cleveland, Ohio. Forming mill. 2,064,453; Dec. 15.
Wheldon, George H., J. B. Murphy, and H. A. Lotz, Minneapolis, Minn. Web tensioning mechanism. 2,064,638; Dec. 15.
White, Albert R., Glendale, Calif. Oil refiner. 2,064,097; Dec. 15.
White, Forrest S., Hoosick Falls, and C. G. Bordeaux, Albany, N. Y. Heat radiator. 2,064,187; Dec. 15.
White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,064,397; Dec. 15.
White, Joe, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Vibratory motor. 2,064,048; Dec. 15.
White, Raymond M., Denver, Colo. Sugar carbonation process and apparatus. 2,064,135; Dec. 15.
Whitehead, Oscar N., Wallingford, Conn., assignor to H. L. Judd Company, Inc., New York, N. Y. Road chair. 2,064,705; Dec. 15.
Whitehead, Richard H., assignor to The New Haven Clock Co., New Haven, Conn. Electric timing mechanism. 2,064,043; Dec. 15.
Whitelock, Leland D., Wilkinsburg, P. N. Bossart, Swissvale, W. P. Place, Wilkinsburg, and A. J. Sorensen, Edgewood, assignors to The Union Switch & Signal Company, Swissvale, Pa. Communicating system. 2,064,639; Dec. 15.
Whitlock Cordage Company. (See Whitlock, Louis I., assignor.)
Whitlock, Louis I., Elizabeth, N. J., assignor to Whitlock Cordage Company, New York, N. Y. Twine. 2,063,966; Dec. 15.
Whittam, Benjamin B., Akron, Ohio. Compression joint. 2,063,967; Dec. 15.
Wicander, Olof H., Osmo, Sweden. Window having panes of cellulose acetate, cellophane, and the like. 2,063,901; Dec. 15.
Wichmann, John C., Chicago, Ill. Combination cooler, refrigerator, and air conditioner. 2,064,044; Dec. 15.
Wiener, Martin L., assignor to Ry-Lock Company Ltd., San Leandro, Calif. Venetian blind. 2,064,094; Dec. 15.
Wiggert, John F., Lead, S. Dak. Automatic blasting fuse igniting device. 2,064,706; Dec. 15.
Wilbin Instrument Corporation. (See Heman, Emil A., assignor.)
Wilhite, Ollie B. (See Munroe, C. J., and Wilhite.)
Wilkinson, Alfred D., and J. R. Fanselow, Appleton, Wis., assignors, by mesne assignments, to K. C. M. Company, Dayton, Ohio. Method of and apparatus for maintaining uniformity in paper coatings. 2,064,776; Dec. 15.
Williams, Harold W., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator control system. 2,064,045; Dec. 15.
Williams, Ira. (See Calcott, W. S., Williams, and Dales.)
Williams, Ira, Woodstown, and C. C. Smith, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticizing rubber. 2,064,580; Dec. 15.
Williams, Ulmont B. (See Stoney, J. T., and Williams.)
Willis, Edward J., Richmond, Va. Navigating instrument. 2,064,236; Dec. 15.
Willman, Daniel, Hartford City, Ind. Metal fence post. 2,064,237; Dec. 15.
Wilson, Clarence E., Manchester, Conn. Device for packing plants for shipment and storage. 2,064,707; Dec. 15.
Wilson, Ezekiel J., East Greenbush and J. McCreary, Cohoes, N. Y. Apparatus for laundering. 2,064,512; Dec. 15.
Wilson, Fred R., Birmingham, Ala., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive manufacture. 2,064,581; Dec. 15.
Wilson, Lee, Cleveland, Ohio. Method and apparatus for heating. 2,064,095; Dec. 15.
Wilson, Robert E., assignor to The Standard Oil Co. (Indiana), Chicago, Ill. Cracking hydrocarbon oils. 2,064,708; Dec. 15.
Winchell, Arthur B., Jackson, Mich. Phonograph. 2,064,777; Dec. 15.
Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Forging machine. 2,063,968; Dec. 15.
Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Forging machine. 2,063,969; Dec. 15.
Winger, Stover C., assignor to G. H. Hall, Los Angeles, Calif. Household utensil. 2,064,136; Dec. 15.
Wingfoot Corporation. (See Bateman, Ralph C., assignor.)
Wingfoot Corporation. (See Calvert, William C., assignor.)
Wingfoot Corporation. (See Collins, Harold E., assignor.)
Wingfoot Corporation. (See Cramer, Howard I., assignor.)
Wingfoot Corporation. (See Griggs, Joseph P., assignor.)
Wingfoot Corporation. (See Morris, Thomas C., assignor.)
Wingfoot Corporation. (See Thies, Herman R., assignor.)
Winnek Stereoscopic Processes, Incorporated. (See Coffey, Douglas F. W., assignor.)
Wintz, William, assignor to Oshkosh Trunks, Inc., Oshkosh, Wis. Luggage case. 2,064,046; Dec. 15.
Wirth, Herbert, Hartmannsdorf, near Chemnitz, Germany. Warp frame attachment. 2,064,709; Dec. 15.
Wirth, Herbert, Hartmannsdorf, near Chemnitz, Germany. Fabric take-up device for flat warp knitting-machines. 2,064,710; Dec. 15.
Wittkuhns, Bruno A., Chatham, and F. M. Watkins, Forest Hills, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Variable speed motor control. 2,064,454; Dec. 15.
Wittnebel, Arthur A., New Rochelle, assignor to American Bank Note Company, New York, N. Y. Safety revenue, postage, and like stamps. 2,064,281; Dec. 15.
Wodarczyk, Paul, Chicago, Ill. Trap. 2,064,188; Dec. 15.
Wohanka, George J., assignor to Busch-Sulzer Bros.-Diesel Engine Company, St. Louis, Mo. V-type engine frame. 2,064,282; Dec. 15.
Wohlgemuth, Henry H. (See Kneale, E. C., and Wohlgemuth.)
Wolff, Irving, Merchantville, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio apparatus. 2,064,582; Dec. 15.
Wolkoff, John, Newark, N. J. Dynamo-electric machine. 2,064,583; Dec. 15.
Wood, Wilfred R., assignor to Combustion Engineering Company, Inc., New York, N. Y. Boiler and furnace installation. 2,064,098; Dec. 15.
Woodworth, John L., Schenectady, N. Y., assignor to General Electric Company. Control device. 2,064,644; Dec. 15.
Worth Company, The. (See Colman, Ben, assignor.)
Wright, William N., Washington, D. C., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,064,283; Dec. 15.
Wulf, Charles A., Indianapolis, Ind., assignor to The Ceramic Process Company, Beaver Falls, Pa. Pigmenting surfaces and apparatus therefor. 2,064,284; Dec. 15.
Wurm, Carl, Brooklyn, assignor to American Sound Producing Laboratories, New York, N. Y. Sound gate. 2,064,050; Dec. 15.
Wurm, Carl, and R. Goldstein, assignors of thirty per cent to H. R. Walls, Elmhurst, and thirty per cent to M. Bermont, Brooklyn, N. Y. Combined moving picture and talking machine. 2,064,049; Dec. 15.
Yates, Wallace J., Martinez, assignor to Shell Development Company, San Francisco, Calif. Leather cleaning composition. 2,064,285; Dec. 15.
Yeager, Ervin, Farmington, Mich. Heel. 2,064,711; Dec. 15.
Yegen, Laura B., Billings, Mont. Lever lock for fuel tank closures on automobiles. 2,064,238; Dec. 15.
Yocum, Lincoln A., Wooster, Ohio. Purifying and aging spirituous liquors. 2,064,330; Dec. 15.
Young, Henry S., Wilkinsburg, and E. M. Allen, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,063,971; Dec. 15.
Young, Perry, Prescott, Ark. Broom. 2,064,712; Dec. 15.
Young, Robert D., San Francisco, Calif. Engine. 2,063,970; Dec. 15.
Zeigler, William L., Wallace, Idaho. Mineral separator. 2,064,398; Dec. 15.
Zerbee, Louis J., Bellefontaine, Ohio. Spring base furniture. 2,064,137; Dec. 15.
Zouck, George H., Orange, N. J., assignor to Franklin Railway Supply Company, New York, N. Y. Controlling motion of a railway vehicle axle. 2,064,138; Dec. 15.
Zwilgmeyer, Frithjof, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Arylamides of furoyl-acetic acid. 2,064,331; Dec. 15.
Zwilgmeyer, Frithjof, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ice colors. 2,064,332; Dec. 15.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 15TH DAY OF DECEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrasive wheels and wheels thereby balanced, Balancing. H. R. Simonds. 20,207; Dec. 15.
Air. Device for conditioning. F. A. Whitely. 20,208; Dec. 15.
Chair. L. W. Emerson. 20,205; Dec. 15.
Perforating machine. G. Knight. 20,206; Dec. 15.
Pinking appliance. J. Brussell. 20,204; Dec. 15.

LIST OF DESIGN INVENTIONS

Bathtub. W. J. Kohler, and G. K. Geerlings. 102,370; Dec. 15.
Belt for wearing apparel. H. Auslander. 102,349; Dec. 15.
Bicycle. H. L. Kraeft. 102,373; Dec. 15.
Bicycle. H. L. Kraeft. 102,379; Dec. 15.
Bicycle. M. E. Roe. 102,397; Dec. 15.
Bicycle frame. M. E. Roe. 102,398; Dec. 15.
Bottle, Cosmetic. P. W. Shulman. 102,401; Dec. 15.
Bracelet and handkerchief, Combined. D. E. Schwab. 102,338; Dec. 15.
Cabinet for an air conditioning unit or similar article. A. P. Livar. 102,383; Dec. 15.
Cabinet for musical devices, Remote control apparatus. E. E. Collison and C. R. Kirk. 102,353; Dec. 15.
Cabinet, Multiple compartment dispensing. W. S. Corbin. 102,395; Dec. 15.
Cap for a cycle, Hub. H. L. Kraeft. 102,377; Dec. 15.
Cap for bottles, jars, and the like. F. E. Higgins. 102,367–8; Dec. 15.
Casing for a washing machine. H. J. Goldblatt. 102,365; Dec. 15.
Compass or the like, Beam. W. Moses. 102,387; Dec. 15.
Cycle truss rod unit. H. L. Kraeft. 102,380; Dec. 15.
Drawer pull. W. A. Anderson. 102,319; Dec. 15.
Drawer pull. A. N. Nyquist. 102,333–4; Dec. 15.
Drawer pull or similar article. W. A. Anderson. 102,318; Dec. 15.
Dress. D. W. Price. 102,394; Dec. 15.
Fabric, Elastic. R. K. Siner. 102,339–40; Dec. 15.
Fabric or similar article, Textile. R. E. Fatherley. 102,359–61; Dec. 15.
Fabric or similar article, Textile. J. Heim. 102,366; Dec. 15.
Fabric or similar article, Textile. W. D. Roberson. 102,395–6; Dec. 15.
Fabric, Textile. J. J. Blackstone. 102,352; Dec. 15.
Fan, Circulating. E. A. and P. J. Camp. 102,322; Dec. 15.
Fender for a cycle. H. L. Kraeft. 102,374–5; Dec. 15.
Footrail, Bar. E. A. Neumann. 102,389; Dec. 15.
Fuel supply unit for oil burners. H. C. Osborne. 102,392–3; Dec. 15.
Generator, Wind power. G. A. Vaughn. 102,403; Dec. 15.
Glove. C. B. Adams. 102,314; Dec. 15.
Goggles or similar article, Pair. A. E. Euler. 102,326; Dec. 15.
Guard for a cycle, Chain. H. L. Kraeft. 102,376; Dec. 15.
Gun, Industrial spray. C. G. Neidhardt. 102,388; Dec. 15.
Handle, Clamp. H. E. Tautz. 102,402; Dec. 15.
Hat. W. C. Gray. 102,327; Dec. 15.
Hat. E. C. Sloan. 102,400; Dec. 15.
Hat, Lady's. I. Melamed. 102,386; Dec. 15.
Heater, Circulating. A. D. Olds. 102,391; Dec. 15.
Holder, Chalk. F. Rutz. 102,347; Dec. 15.
Horn and lamp, Combined. L. M. Wiley. 102,404; Dec. 15.
Housing, Caster. N. Y. Anderson. 102,315; Dec. 15.
Knob, Drawer. W. A. Anderson. 102,317; Dec. 15.
Knob or similar article, Drawer. W. A. Anderson. 102,316; Dec. 15.
Lace. B. Edson. 102,358; Dec. 15.
Lace. F. P. Gehring. 102,363–4; Dec. 15.
Lace. I. Zendman, Jr. 102,405; Dec. 15.
Lamp, Cycle. H. L. Kraeft. 102,371–2; Dec. 15.
Materials testing machine. R. W. Dinzl. 102,323–4; Dec. 15.
Pad, Chair cushion. C. Hanna. 102,328; Dec. 15.
Pan, Broiler. M. C. Friedman and I. M. Stone. 102,362; Dec. 15.
Pedal and crank for a cycle, Combined. H. L. Kraeft. 102,378; Dec. 15.
Piano or similar article. J. L. Krasnick. 102,381; Dec. 15.
Pin or similar article, Broach. R. Massa. 102,384; Dec. 15.
Plate or similar article. A. Eckert. 102,356; Dec. 15.
Propeller, Fan. E. Newnham. 102,390; Dec. 15.
Sandal or similar article. J. Stein. 102,341–6; Dec. 15.
Shaker, Condiment. M. H. Connor. 102,354; Dec. 15.
Shoe. B. Benjamin. 102,320–1; Dec. 15.
Shoe. W. Ebling. 102,325; Dec. 15.
Shoe. A. A. Kotzin. 102,331; Dec. 15.
Shoe. T. Samuels. 102,335–6; Dec. 15.
Shoe or similar article. N. K. Kean. 102,329–30; Dec. 15.
Sign board or similar article. L. B. Sapp. 102,338; Dec. 15.
Signal, Twin face directional. S. J. Shaw, Jr. 102,399; Dec. 15.
Slicing machine, Vegetable. R. L. Marchfield. 102,385; Dec. 15.
Spoon or similar article. F. Hoyle. 102,369; Dec. 15.
Stand and pot, Combined floral. M. Manenty. 102,332; Dec. 15.
Tank, Truck. L. S. Bessenett, H. A. McKim, and F. A. Selje. 102,351; Dec. 15.
Teacup or similar article. K. Bayreuther. 102,350; Dec. 15.
Toy gun. O. A. Langos. 102,382; Dec. 15.
Vanity case or the like, Illuminated. R. A. Atherton. 102,348; Dec. 15.
Waffle iron. I. Edelman. 102,357; Dec. 15.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 15TH DAY OF DECEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrading machine. G. T. Johnson. 2,064,476; Dec. 15.
Acid condensation products and making them, Amino. H. Dreyfus. 2,063,987; Dec. 15.
Acid-oil sludge, Treating an. C. E. Lauer, R. E. Manley, and H. D. Loeb. 2,064,549; Dec. 15.
Acids recovered from cellulose esterification processes, Concentrating aqueous aliphatic. H. E. Martin. 2,063,940; Dec. 15.
Adhesive. F. M. Allen and W. S. Egge. 2,064,139; Dec. 15.
Adhesive composition. D. E. Edgar. 2,064,802; Dec. 15.
Adhesives, Synthetic phenol resin. A. H. Bowen. 2,064,410; Dec. 15.
Advertising display device. M. K. Naylor. 2,064,174; Dec. 15.
Aeroplane. W. W. Rothenhoefer. 2,064,223; Dec. 15.
Aeroplane lighting system. J. B. Bartow. 2,064,722; Dec. 15.
Air cooler. B. B. Gray. 2,063,921; Dec. 15.
Aircraft in landing, Method of and apparatus for guiding. G. Foges. 2,064,599; Dec. 15.
Air valve. H. E. Sipe. 2,064,695; Dec. 15.
Alloy, Aluminum. J. A. Nock, Jr., and H. R. Freche. 2,063,942; Dec. 15.
Alloy, Low-carbon ferro-titanium-silicon. G. F. Comstock. 2,064,150; Dec. 15.
Amino-carboxylic acid derivatives in wet treatment. H. Dreyfus. 2,063,908; Dec. 15.
Amino compounds, Production of organic. H. Holston. 2,064,797; Dec. 15.
Amphibian landing gear. G. A. Luburg. 2,064,675; Dec. 15.
Amplifier circuit, Constant resistance. R. A. Braden. 2,064,146; Dec. 15.
Amusement apparatus. M. M. Marker. 2,064,310; Dec. 15.
Amusement apparatus. E. Rynearson. 2,064,035; Dec. 15.
Annealing apparatus. W. H. Nickerson. 2,064,682; Dec. 15.
Anode, Zinc plating. G. B. Hogaboom. 2,064,307; Dec. 15.
Antenna. P. Hermannspann. 2,064,112; Dec. 15.
Antenna and load supply system, Combination. N. E. Davis and R. C. Quick. 2,064,465; Dec. 15.
Antenna, Broadcast. A. Gothe and H. O. Roosenstein. 2,064,204; Dec. 15.
Apparatus for cutting wire rope, cable, and the like. A. A. Leschen. 2,064,017; Dec. 15.
Apparatus for decorating articles. H. Horine. 2,064,161; Dec. 15.
Arch construction. M. G. Vass. 2,064,704; Dec. 15.
Articles in unit containers, Transporting and/or storing. R. R. Brogden. 2,064,518; Dec. 15.
Arylamides of furoyl-acetic acid. F. Zwilgmeyer. 2,064,331; Dec. 15.
Assistants for the textile and related industries, Production of. K. Kelley, H. Hopff, E. Gofferjé, and J. Nuesslein. 2,063,934; Dec. 15.
Atomizer. W. R. Brown. 2,064,726; Dec. 15.
Automatic control device. C. A. Otto. 2,064,175; Dec. 15.
Automatic lift valve. C. E. Powell, J. W. Force, and F. W. Ofeldt. 2,064,765; Dec. 15.
Automatic punch press. A. E. Caserta. 2,064,731; Dec. 15.
Axle construction. B. W. Keese. 2,064,262; Dec. 15.
Bag: *See*—
Golf bag.
Ball-club carrier. L. S. Kronthal. 2,064,433; Dec. 15.
Band-pass filter. H. A. Wheeler. 2,064,775; Dec. 15.
Band, Waist. P. Alexandre. 2,063,886; Dec. 15.
Bandage, Catamenial. A. P. Jurgensen. 2,064,431; Dec. 15.
Base, Resilient machinery. C. Hussman. 2,064,751; Dec. 15.
Basket. W. F. Patten. 2,064,493; Dec. 15.
Battery: *See*—
Electric storage battery.
Battery and generator indicator. W. D. Carr and H. E. Shirey. 2,064,460; Dec. 15.
Bearing: *See*—
Rolling mill bearing.
Bean cutter. G. M. Lock and A. O. Rasmussen. 2,064,480; Dec. 15.
Bearing. C. R. Short and R. P. Koehring. 2,064,086; Dec. 15.
Belt. H. E. Collins. 2,064,781; Dec. 15.
Benzol, Production of motor. C. Banta. 2,064,455; Dec. 15.
Berry picking device. F. Deutcher. 2,064,523; Dec. 15.
Bin for fruit, Revolving. E. G. Griffith. 2,064,257; Dec. 15.
Blank feeding and stopping mechanism. W. W. Davidson. 2,064,521; Dec. 15.
Blind, Venetian. H. Moore. 2,064,443; Sept. 15.
Blind, Venetian. M. L. Wiener. 2,064,094; Dec. 15.
Block: *See*—
Piston block.
Blocks and structure resulting therefrom, Assembling. H. A. Faber. 2,064,791; Dec. 15.
Blotting attachment for fountain pens. A. R. Knorr. 2,064,067; Dec. 15.
Blow-out preventer. J. D. Nixon. 2,064,267; Dec. 15.
Boat and driving unit therefor, Motor. P. Crosley, Jr. 2,064,463; Dec. 15.
Boiler and furnace installation. W. H. Wood. 2,064,098; Dec. 15.
Boiler construction, Welded. J. R. Kruse. 2,064,123; Dec. 15.
Bomb support. R. D. Carleton. 2,064,729; Dec. 15.
Bombing mechanism for aircraft. K. Laermann. 2,064,547; Dec. 15.
Bookbinding construction. F. S. Schade. 2,064,224; Dec. 15.
Boot or galosh, Dog. D. Richman. 2,064,566; Dec. 15.
Borax, Crystalline anhydrous. L. G. Black. 2,064,337; Dec. 15.
Bottle holder. T. J. Lockaton. 2,064,671; Dec. 15.
Bottle labeling machine. W. S. Griffith. 2,064,108; Dec. 15.
Bottle, Nonrefillable. A. Bodor. 2,064,189; Dec. 15.
Bottle, Nonrefillable. J. S. Junkin. 2,064,167; Dec. 15.
Bowl and adjustable moisture tight cover therefor, Combination. S. J. Brandstein. 2,064,411; Dec. 15.
Box. S. Batdorf. 2,064,241; Dec. 15.
Box and manufacture thereof, Composite. F. R. Neely. 2,064,488; Dec. 15.
Brace. B. Paris. 2,064,077; Dec. 15.
Brake: *See*—
Vehicle brake.
Brake. W. H. Baselt. 2,064,367; Dec. 15.
Brake. A. Y. Dodge. 2,064,595; Dec. 15.
Brake. R. F. Kohr. 2,064,613; Dec. 15.
Brake. H. J. Kratzer. 2,063,936; Dec. 15.
Brake. L. B. La Brie. 2,064,616–18; Dec. 15.
Brake. J. W. Tatter. 2,064,573–4; Dec. 15.
Brake. E. Y. Taylor. 2,064,575; Dec. 15.
Brake. A. P. Thomas. 2,064,578; Dec. 15.
Braking mechanism. E. D. Mack. 2,064,553; Dec. 15.
Bronze finish on copper and copper alloys, Producing a. J. R. Freeman, Jr. and R. L. Hungerford. 2,064,301; Dec. 15.
Broom. P. Young. 2,064,712; Dec. 15.
Brush, Fountain. S. A. Platt. 2,064,318; Dec. 15.
Bucket, Rayon spinning. H. R. Moyer. 2,064,028; Dec. 15.
Buckle, Slide. F. R. Reutter. 2,064,447; Dec. 15.
Buffer for fluid pressure indicators. A. L. Parker. 2,064,268; Dec. 15.
Building construction. H. A. Faber. 2,064,789; Dec. 15.
Building construction. A. C. Olsen. 2,064,683; Dec. 15.
Building construction. C. L. Strattard. 2,064,276; Dec. 15.
Building material. E. L. Soulé. 2,064,041; Dec. 15.
Building material. C. A. Upson. 2,064,132; Dec. 15.
Building material and building construction. K. Wenczek. 2,063,900; Dec. 15.
Building structure. C. A. Searing. 2,064,633; Dec. 15.
Bumper construction. R. M. Short. 2,063,957; Dec. 15.
Bumper jack. L. D. Nilson. 2,064,445; Dec. 15.
Burner: *See*—
Oil burner.
Burner control system. D. G. Taylor. 2,064,231; Dec. 15.
Butter and milk for the production of artificial cream, Emulsification of. A. R. Bannister and F. B. Day. 2,064,402; Dec. 15.
Cabinet. W. C. McWhirter. 2,064,439; Dec. 15.
Cable, Oil-filled high voltage. C. Tietig. 2,064,326; Dec. 15.
Cable winding mechanism. B. F. Fitch. 2,063,912; Dec. 15.
Calculating machine. G. C. Chase. 2,063,983–4; Dec. 15.
Calculating machine, Key-responsive. J. A. V. Turck. 2,063,962; Dec. 15.
Cam assembly for brakes. V. H. Burdick. 2,064,103; Dec. 15.
Camera, Photographic. H. C. Deckel. 2,064,341; Dec. 15.
Can: *See*—
Friction top can. Shaker top can.
Can body. W. E. Groenke. 2,064,537; Dec. 15.
Can opening and sealing device, Combined. G. L. Baker. 2,064,716; Dec. 15.
Canister, Air-purifying. J. B. Dym. 2,063,990; Dec. 15.

Cap and package, Friction. L. A. Von Till. 2,064,042; Dec. 15.
Cap, Distributor. J. L. Arthur. 2,064,052; Dec. 15.
Caps, Method and apparatus for manufacturing bottle. W. M. Vogel. 2,064,770; Dec. 15.
Car appliances, Freight. E. Benatar. 2,064,405; Dec. 15.
Car loading device. B. Colman. 2,064,415; Dec. 15.
Carbon copier. F. W. Vollans. 2,064,328; Dec. 15.
Carburetor. J. L. Edelen and S. F. Hunt. 2,064,596; Dec. 15.
Carburetor float stabilizer. D. Firth. 2,064,150; Dec. 15.
Carburetor for carbureted water gas sets. C. H. Hughes. 2,064,006; Dec. 15.
Carburetor for internal combustion engines. B. H. Ravanelli. 2,064,217; Dec. 15.
Card and display holder. F. L. Wertz. 2,064,047; Dec. 15.
Carrier: *See*—
Ball-club carrier.
Carton. H. A. Inman. 2,064,065; Dec. 15.
Carton. A. J. Murray. 2,064,029; Dec. 15.
Cartridge. R. Temple, Jr. 2,064,503; Dec. 15.
Case: *See*—
Luggage case.
Casein products, Manufacture of. C. Schwartz. 2,064,387; Dec. 15.
Cash machine. W. J. Pasinski. 2,064,562; Dec. 15.
Cellulose for conversion into cellulose derivatives, Activation of. G. A. Richter and J. W. McKinney. 2,064,384; Dec. 15.
Cellulosic materials and preparing same. R. Picard and R. Fays. 2,064,355; Dec. 15.
Cellulosic materials and producing same. R. Picard and R. Fays. 2,064,356; Dec. 15.
Centrifugal discharger. E. Roberts. 2,064,766; Dec. 15.
Ceramic ware and making, Glazed. G. R. Pole. 2,063,953; Dec. 15.
Chair: *See*—
Road chair.
Charge forming device. R. Thompson. 2,064,185; Dec. 15.
Check signing and endorsing machine. H. A. Swanson. 2,064,391; Dec. 15.
Chemical reactions, Performing. H. F. Oxley and W. H. Groombridge. 2,064,317; Dec. 15.
Chlorhydrins and their ethers, Manufacture of. H. Dreyfus. 2,063,891; Dec. 15.
Chlorides, Preparation of thiazthionium. W. P. Munro and H. Z. Lecher. 2,064,315; Dec. 15.
Circuit breaker, Liquid immersed electric. C. H. Flurscheim. 2,064,652; Dec. 15.
Circuit controlling, System and apparatus for. F. W. Godsey, Jr. 2,063,997; Dec. 15.
Circuit, Crystal control. T. P. Kinn. 2,064,013; Dec. 15.
Circuit, Photoelectric cell. B. A. Brice. 2,064,517; Dec. 15.
Circuit, Protective. C. H. Brown. 2,064,192; Dec. 15.
Clamp: *See*—
Jar clamp.
Clamping device for switch boxes and other fixtures. F. W. Gries. 2,063,923; Dec. 15.
Cleaner: *See*—
Suction cleaner. Vacuum cleaner.
Tube cleaner.
Cleaner combination unit, Air. C. E. Jacobs. 2,064,207; Dec. 15.
Cleaner for textile machines, Thread. P. Hemmerich. 2,064,159; Dec. 15.
Cleaning composition, Fluid-circulating. E. W. Adams and T. H. Rogers. 2,063,972; Dec. 15.
Clock, Electric. C. Batcholts. 2,063,976; Dec. 15.
Closure for detention window-guard assemblies. W. D. Bayley. 2,064,334; Dec. 15.
Closure, Non-refillable bottle. S. Herzog. 2,064,002; Dec. 15.
Clothespin, Non-breakable. T. David. 2,064,591; Dec. 15.
Clothespin, Steel wire. W. A. McFarlane. 2,064,212; Dec. 15.
Clutch. C. B. Spase. 2,064,450; Dec. 15.
Clutch. C. B. Spase. 2,064,499; Dec. 15.
Clutch construction. C. B. Spase. 2,064,500; Dec. 15.
Clutch control, Automatic. H. L. Pike. 2,064,563; Dec. 15.
Clutch mechanism, Automatic belt driven. C. McPherson. 2,064,075; Dec. 15.
Coating composition, Cellulose derivative. R. T. Hucks. 2,064,608; Dec. 15.
Cocoa beans, Opening up. A. Diefenbach. 2,064,524; Dec. 15.
Coffee, Apparatus for making. E. J. Merkle. 2,064,214; Dec. 15.
Coil, High frequency. H. Vogt. 2,064,771; Dec. 15.
Coil winding machine. C. A. Bieling and C. D. Richard. 2,064,287; Dec. 15.
Coil with adjustable inductance value, High-frequency. H. Vogt. 2,064,772; Dec. 15.
Coin assorting and selecting mechanism. J. Gottfried. 2,064,425; Dec. 15.
Coin collecting apparatus. C. H. Wheeler. 2,064,280; Dec. 15.
Coin controlled meter. S. L. Miller. 2,064,077; Dec. 15.
Coin gauge. C. F. Barothy. 2,064,286; Dec. 15.
Coking apparatus. J. V. Meigs. 2,064,484; Dec. 15.
Collar, Kick-off. S. Evans. 2,064,247; Dec. 15.
Color screen, Motor driven. A. I. Newman. 2,064,625; Dec. 15.
Color selector and indicator. B. B. Rochlus. 2,064,449; Dec. 15.
Colostomy outfit. F. A. Boser. 2,064,586; Dec. 15.
Comb, Sanitary. C. J. Ward. 2,064,509; Dec. 15.
Communicating system. L. D. Whitelock, P. N. Bossart, W. P. Place and A. J. Sorensen. 2,064,639; Dec. 15.
Commutator finishing machine. L. E. Poole. 2,064,079; Dec. 15.
Compensator. G. W. Pierce. 2,063,947; Dec. 15.
Compensator and method. G. W. Pierce and A. Noyes, Jr. 2,063,948; Dec. 15.
Composite construction material. C. A. Upson. 2,064,327; Dec. 15.
Composition of matter. W. H. Charch. 2,064,292; Dec. 15.
Compression joint. B. B. Whittam. 2,063,967; Dec. 15.
Condenser and trimmer therefor, Variable. S. Cohen. 2,063,986; Dec. 15.
Condenser, Making a. R. A. Sandberg. 2,064,036; Dec. 15.
Condenser to a main condenser, Applying a trimming. A. D. T. Libby. 2,064,620; Dec. 15.
Conductor, Lead-in. E. W. Stevens. 2,064,184; Dec. 15.
Conduit, Electrical. P. Elder. 2,064,199; Dec. 15.
Connecter: *See*—
Electric connecter. Extensible connecter.
Connecter for threadless pipes, Fluid-tight. E. G. Appleton. 2,064,140; Dec. 15.
Construction material. C. A. Upson. 2,063,964; Dec. 15.
Contactor. R. H. Schmitt. 2,064,631; Dec. 15.
Container: *See*—
Sealable container.
Container. P. J. Brooks. 2,064,191; Dec. 15.
Container. M. M. Cunningham. 2,064,590; Dec. 15.
Container. J. L. Engel. 2,064,526; Dec. 15.
Container. N. L. Jacobus. 2,064,120; Dec. 15.
Container. H. R. Thies. 2,064,767; Dec. 15.
Containers, Apparatus for cleaning. J. G. Carriere and L. Rosenstein. 2,064,373; Dec. 15.
Containers, Apparatus for vacuumizing and gassing. W. H. Morgan. 2,064,678; Dec. 15.
Control apparatus, Automatic. A. Ivanoff and G. P. E. Howard. 2,064,753; Dec. 15.
Control device. R. W. Goff. 2,064,657; Dec. 15.
Control device. J. L. Woodworth. 2,064,644; Dec. 15.
Control mechanism. V. W. Kliesrath and R. S. Sanford. 2,064,612; Dec. 15.
Control system. N. C. Price. 2,064,494; Dec. 15.
Control system and apparatus. J. F. Tritle. 2,064,637; Dec. 15.
Control system for automatic stokers. S. C. Shipley. 2,063,898; Dec. 15.
Control system for electric motor. J. F. Frese. 2,064,303; Dec. 15.
Controller. H. S. Ogden. 2,064,626; Dec. 15.
Controller for internal combustion engine starters, Automatic. G. B. Sayre. 2,064,358; Dec. 15.
Controlling device for water returned to boilers. G. F. Gerdts. 2,064,795; Dec. 15.
Controlling mechanism for cash registers and calculating machines. E. Breitling. 2,064,147; Dec. 15.
Cooking apparatus. F. K. Berry and A. J. Reedy. 2,064,101; Dec. 15.
Cooler: *See*—
Air cooler.
Cooler, refrigerator, and air conditioner. Combination. J. C. Wichmann. 2,064,044; Dec. 15.
Cooling device. W. Buschbeck. 2,064,372; Dec. 15.
Core breaker, Removable. L. E. Garfield. 2,064,255; Dec. 15.
Cores, Making magnetic. H. Vogt. 2,064,773; Dec. 15.
Cottonseed meats and pressing oil from same, Treatment or conditioning of. T. J. Harrell and C. W. McMath. 2,064,158; Dec. 15.
Coupling: *See*—
Hose coupling.
Covering, Protective head. A. Roberts. 2,064,032; Dec. 15.
Crane, Gantry. B. F. Fitch. 2,063,913; Dec. 15.
Crane, Traveling. B. F. Fitch. 2,063,909; Dec. 15.
Crane, Traveling. B. F. Fitch. 2,063,915; Dec. 15.
Crushing machine. A. Krushel. 2,064,666; Dec. 15.
Curler. R. M. McFadden. 2,064,312; Dec. 15.
Currents, Device for and method of controlling high frequency. A. V. Haeff. 2,064,469; Dec. 15.
Cushion, Brake rod. C. Shank. 2,064,692; Dec. 15.
Cushion pad. H. C. Krannert. 2,064,122; Dec. 15.
Cutter: *See*—
Bean cutter. Pipe cutter.
Cutter head. P. P-G. Hall. 2,064,304; Dec. 15.
Cylinder construction. H. E. Muchnic. 2,064,124; Dec. 15.
Cylinder fin construction. R. Chilton and R. F. Gagg. 2,064,461; Dec. 15.
Dairy sediment filter. W. A. Hehn. 2,064,259; Dec. 15.

Damper, Vibration. J. J. Taylor. 2,064,636; Dec. 15.
Defroster, Automatic refrigerator. A. S. Volpin. 2,064,396; Dec. 15.
Defroster, Automobile ventilator and windshield. H. C. Parker. 2,064,492; Dec. 15.
Derivatives of cellulose, Manufacture of organic. G. W. Seymour. 2,064,226; Dec. 15.
Desiccant and producing same, Molded. R. V. Heuser. 2,064,113; Dec. 15.
Detector: *See*—
Vibration detector.
Detergent composition. W. Biech. 2,064,725; Dec. 15.
Device for packing plants for shipment and storage. C. E. Wilson. 2,064,707; Dec. 15.
Diaphragm and method. G. W. Pierce. 2,063,945; Dec. 15.
Die drawing large irregularly shaped sheet metal articles, Apparatus for. E. Hochreiter and F. E. McGary. 2,064,160; Dec. 15.
Die holder. C. F. Bruce. 2,063,980; Dec. 15.
Dielectric material. H. S. Booth. 2,063,979; Dec. 15.
Dipper tooth, Detachable. J. W. Fellmeth. 2,064,059; Dec. 15.
Direction, transmission, and reception method and system. G. W. Pierce. 2,063,944; Dec. 15.
Directional system for landing of aircraft. A. Leib. 2,064,171; Dec. 15.
Dispenser for toothpaste. O. F. Ritterbusch. 2,064,357; Dec. 15.
Dispensing apparatus. C. J. Baldwin. 2,064,719; Dec. 15.
Dispensing arrangement. L. V. Aronson. 2,064,584; Dec. 15.
Dispensing device. E. J. Hartland. 2,064,111; Dec. 15.
Display device. N. J. Leigh. 2,064,434; Dec. 15.
Display stand. B. L. Cookson. 2,064,056; Dec. 15.
Disulphide, Organic. E. Tschunkur and H. Köhler. 2,064,395; Dec. 15.
Door. L. Allen. 2,064,401; Dec. 15.
Door, Overhead. J. A. Heckman. 2,064,470; Dec. 15.
Dough mixer. W. G. Kirchhoff. 2,064,758; Dec. 15.
Draft appliance. J. Knehar. 2,064,615; Dec. 15.
Draft regulator and spark arrester for stoves. M. L. Hunker. 2,064,064; Dec. 15.
Drawer construction. Broiler. M. Gregorich. 2,064,601; Dec. 15.
Drill: *See*—
Roller boring drill.
Driving mechanism for washing machines and the like. E. W. Forstrom. 2,064,653; Dec. 15.
Drying machine, Portable. W. L. Martin. 2,063,896; Dec. 15.
Duplicating machine. A. Marchev. 2,064,071; Dec. 15.
Dyestuffs, Triphenylmethane. H. Grotowsky. 2,064,258; Dec. 15.
Easel. J. Tepper. 2,064,232; Dec. 15.
Editing for voice recording. J. H. Hammond, Jr. 2,064,305; Dec. 15.
Electric connecter. R. A. Meeker. 2,064,440; Dec. 15.
Electric control apparatus for fuel burners. A. L. Rubel. 2,064,181; Dec. 15.
Electric discharge tube. O. H. Biggs. 2,064,369; Dec. 15.
Electric fluting machine. R. O. and L. A. Clark. 2,064,732; Dec. 15.
Electric heating attachment for hot water bags and the like. W. Doyon. 2,064,248; Dec. 15.
Electric heating pad. R. C. Hilton. 2,064,001; Dec. 15.
Electric heating system. J. E. Gannon. 2,064,654; Dec. 15.
Electric incandescent lamp. A. E. Noble. 2,064,490; Dec. 15.
Electric machine, Dynamo. J. Wolkoff. 2,064,583; Dec. 15.
Electric motor. J. Schick. 2,064,038; Dec. 15.
Electric plant, Emergency. L. C. Frank and S. A. Bobe. 2,063,994; Dec. 15.
Electric safety pilot. H. A. Mantz. 2,064,436; Dec. 15.
Electric storage battery. F. J. Schnaubelt. 2,064,324; Dec. 15.
Electric switch. C. H. Larson. 2,064,477; Dec. 15.
Electric system, Supervised. H. C. Grant, Jr. 2,064,533; Dec. 15.
Electrical apparatus. H. C. Walters. 2,064,093; Dec. 15.
Electrical control apparatus. J. W. McNairy. 2,064,621; Dec. 15.
Electrical conversion system. L. R. Ludwig. 2,064,021; Dec. 15.
Electrical disconnecting device. M. G. Dahl. 2,064,736; Dec. 15.
Electrical heating system. J. C. Sharp. 2,064,634; Dec. 15.
Electrical insulation. H. R. Thies. 2,064,768; Dec. 15.
Electrical testing. W. S. Jennens. 2,064,633; Dec. 15.
Electroacoustic device. H. F. Olson and F. Massa. 2,064,316; Dec. 15.
Electrode construction. S. C. Miller. 2,064,485; Dec. 15.
Electrolytic device. R. C. Sprague and J. F. McCann. 2,064,183; Dec. 15.
Electromagnetic device. A. Stein. 2,064,700; Dec. 15.
Electromagnetic switch. R. H. Schmitt. 2,064,632; Dec. 15.
Electron discharge device. G. Jobst and F. Sammer. 2,064,346; Dec. 15.
Electron discharge device. V. L. Ronci. 2,064,320; Dec. 15.
Electrooptical scanning system. H. E. Ives. 2,064,475; Dec. 15.
Electro-optical system. F. Gray. 2,063,998; Dec. 15.
Electroresponsive device. R. W. Goff. 2,064,656; Dec. 15.
Elevator control system. H. W. Williams. 2,064,045; Dec. 15.
Elevator system. D. C. Larson. 2,064,170; Dec. 15.
Engine: *See*—
Internal combustion engine.
Engine. R. D. Young. 2,063,970; Dec. 15.
Engine valve gear. L. R. C. Cossart. 2,064,293; Dec. 15.
Engines, Operation of internal combustion. D. T. O'Sullivan. 2,064,561; Dec. 15.
Evaporator for refrigerating machines. F. T. Grothouse. 2,064,659; Dec. 15.
Explosive manufacture. F. R. Wilson. 2,064,581; Dec. 15.
Extensible connecter. J. and L. Kreisler. 2,064,760; Dec. 15.
Fabric: *See*—
Knitted fabric.
Fabric, Apparatus for cleaning. J. B. Sando. 2,064,084; Dec. 15.
Fabric centering apparatus. J. P. Griggs. 2,064,793; Dec. 15.
Fabric, Delustering. C. Dreyfus and H. Platt. 2,063,907; Dec. 15.
Fabric, Making pile. F. M. Kaufman. 2,064,208; Dec. 15.
Fabric take-up device for flat warp knitting-machines. H. Wirth. 2,064,710; Dec. 15.
Facsimile reception. H. M. Elsey. 2,063,992; Dec. 15.
Fan and cutter, Combined. E. and N. Russwurm. 2,064,680; Dec. 15.
Farming implement. J. Plavan. 2,064,687; Dec. 15.
Fastener: *See*—
Spring fastener. Tag fastener.
Fastener for emergency doors, Closure. R. N. Friend. 2,064,202; Dec. 15.
Fastener for garments of elastic fabric. L. Roseman. 2,064,222; Dec. 15.
Fastening device. G. A. Tinnerman. 2,064,091; Dec. 15.
Fastening inserting machine. F. M. Moody. 2,064,027; Dec. 15.
Feed mechanism, Intermittent. J. R. Sontagh and H. C. Holden. 2,064,275; Dec. 15.
Feeder: *See*—
Liquid feeder. Sheet feeder.
Fence post, Metal. D. Williman. 2,064,237; Dec. 15.
Fertilizer attachment for hand corn planter. W. J. Langer. 2,064,668; Dec. 15.
Filaments or threads, Production of artificial. R. H. J. Riley, R. H. Parkinson, and H. H. Sims. 2,063,897; Dec. 15.
File, Visible margin. R. S. Daniel. 2,064,737; Dec. 15.
Film drag applying device. W. A. Schulz. 2,064,570; Dec. 15.
Film splicing device. I. E. Cohn and W. E. Tait. 2,064,414; Dec. 15.
Filter: *See*—
Band-pass filter. Dairy sediment filter.
Filter. S. Barker. 2,064,403; Dec. 15.
Filter. W. H. Pierce. 2,064,030; Dec. 15.
Filter. D. H. Wells. 2,064,510; Dec. 15.
Firepot construction. E. Greenfield and F. J. Thibault. 2,064,535; Dec. 15.
Fires, Apparatus for extinguishing. W. Tappe. 2,064,278; Dec. 15.
Fish holder. B. F. Smith and J. H. De Fee. 2,064,696; Dec. 15.
Fishline supporting and reeling device. N. D. Hathaway. 2,064,428; Dec. 15.
Fish lure. W. J. De Witt. 2,064,419; Dec. 15.
Fishing apparatus. H. E. Blecker. 2,064,408; Dec. 15.
Flexible flotation gear. G. A. Luburg, E. Molloy, and F. E. Finder. 2,064,674; Dec. 15.
Flock, Apparatus or tool for applying. W. B. Thompson. 2,064,505; Dec. 15.
Flower, fruit, and vegetable gathering tool. G. W. Conlee. 2,064,105; Dec. 15.
Fluid mixing device. L. L. Davies, J. V. Resek, and W. W. Carson, Jr. 2,064,244; Dec. 15.
Fluid pressure actuator. J. J. Kundig. 2,063,937; Dec. 15.
Fluid pressure control system. J. J. Kundig. 2,064,379; Dec. 15.
Football game. H. B. Downey. 2,064,466; Dec. 15.
Footwear, Making turned. G. Del Re. 2,064,417; Dec. 15.
Footwear, Remedial. La P. Van Sant. 2,064,507; Dec. 15.
Forging machine. W. H. Wineman. 2,063,968–9; Dec. 15.
Forming mill. S. W. Wheeler. 2,064,453; Dec. 15.
Formula control for washing machines, Automatic. F. Balzer and G. B. Knapmeyer. 2,064,053; Dec. 15.
Foundation supporting means, Honeycomb. F. Knorr 2,064,349; Dec. 15.

Fractionating column. H. Suess. 2,064,390; Dec. 15.
Frame: *See*—
Furniture side frame. V-type engine frame.
Spectacle frame. Vacuum printing frame.
Freewheeling mechanism. C. E. Starr. 2,064,230; Dec. 15.
Freezer, Ice cream. G. E. Tuscan and W. F. Mathewson. 2,064,131; Dec. 15.
Freezing and dispensing apparatus. J. R. Engelmann. 2,064,597; Dec. 15.
Freezing device, Continuous. H. D. Geyer. 2,064,655; Dec. 15.
Frequency control system. W. G. Cady. 2,064,289; Dec. 15.
Friction top can. H. A. Fink. 2,064,739; Dec. 15.
Front end suspension for track laying tractors. J. G. Heaslet. 2,064,747; Dec. 15.
Fuel and gas, Apparatus for burning pulverized. E. G. Bailey. 2,064,566; Dec. 15.
Fuel, Apparatus for burning liquid. M. A. Powers. 2,064,080; Dec. 15.
Fuel control for carburetors. O. Werner. 2,064,579; Dec. 15.
Fuel mixer. A. M. Balogh. 2,064,720; Dec 15.
Fuel vapor and air mixer. W. G. Shaver and J. C. Farner. 2,064,693; Dec. 15.
Furnace: *See*—
Heat treating furnace.
Furniture side frame. W. L. Gittings. 2,064,424; Dec. 15.
Furniture, Spring base. L. J. Zerbee. 2,064,137; Dec. 15.
Fuse igniting device, Automatic blasting. J. F. Wiggert. 2,064,706; Dec. 15.
Fuse mechanism. J. Sandin. 2,064,037; Dec. 15.
Game apparatus. G. H. Miner. 2,064,025; Dec. 15.
Game, Board. A. Spiro. 2,064,229; Dec. 15.
Game, Card. E. W. McCarroll. 2,063,941; Dec. 15.
Game play indicator. F. F. Harrle. 2,064,745; Dec. 15.
Garden tool. J. G. Rieff. 2,064,448; Dec. 15.
Garment, Convertible. M. Abrams. 2,064,399; Dec. 15.
Garment measuring device. M. W. Greenberg. 2,063,922; Dec. 15.
Garment such as knickers and the like. F. Ebert. 2,064,249; Dec. 15.
Garment with detachable elastic band, Drop seat. W. Murphey. 2,064,266; Dec. 15.
Gas and making same, Heating and illuminating. W. H. Hampton and J. T. Rutherford. 2,064,805; Dec. 15.
Gas, Making carbureted water. C. H. Hughes. 2,064,008; Dec. 15.
Gas mixer. J. Forbes. 2,064,251; Dec. 15.
Gas set, Carbureted water. W. Tiddy. 2,064,007; Dec. 15.
Gas set, Water. C. H. Hughes. 2,064,005; Dec. 15.
Gaseous electric sign. C. D. Mitchell and O. A. Rieman. 2,064,442; Dec. 15.
Gate: *See*—
Sound gate.
Gauge: *See*—
Coin gauge. Pressure gauge.
Gauge, bevel protractor, and center head, Combination drill point. G. E. Johnson. 2,064,430; Dec. 15.
Gear: *See*—
Amphibian landing gear. Flexible flotation gear.
Engine valve gear.
Gear. F. H. Benge. 2,064,144; Dec. 15.
Gear for locomotives and other engines, Reverse. H. K. Allard. 2,064,051; Dec. 15.
Gearing. F. H. Benge. 2,064,723; Dec. 15.
Gearing. F. E. Stahl and R. J. Kieffer. 2,064,699; Dec. 15.
Gearing, Differential. P. J. Conboy. 2,064,152; Dec. 15.
Gears, Cutting. H. C. Warner. 2,064,806; Dec. 15.
Generator: *See*—
Impulse generator.
Geological formations, Apparatus for determining subface. H. Salvatori. 2,064,385; Dec. 15.
Geometrical instrument. E. R. Barany. 2,064,142; Dec. 15.
Glass, Apparatus for making safety. E. H. Balz. 2,064,514; Dec. 15.
Glass cutting device. F. S. Campbell. 2,064,243; Dec. 15.
Glass, Gauge. H. E. Breisford. 2,064,148; Dec. 15.
Glass melting tank. K. G. Kutchka. 2,064,546; Dec. 15.
Glass, Minute sand. E. Koester. 2,064,759; Dec. 15.
Glove and making same, Rubber. P. L. and O. L. Belton. 2,064,143; Dec. 15.
Gold-recovery device. A. Trayman. 2,064,234; Dec. 15.
Golf bag. G. M. G. Jones. 2,064,542; Dec. 15.
Governor, Pump. M. E. Erskine. 2,064,421; Dec. 15.
Grader control. W. A. Cost. 2,064,375; Dec. 15.
Greasing device. C. A. Goldsmith. 2,064,742; Dec. 15.
Grids, Forming luminous. J. J. Shively and M. Pennybacker. 2,064,039; Dec. 15.
Grinder, Automatic cylinder. M. C. Hutto. 2,063,931; Dec. 15.
Grinder, Ball race. D. Gurney, H. E. Balsiger, and C. L. Ott. 2,064,427; Dec. 15.
Grinder, Cylinder. M. C. Hutto. 2,063,932; Dec. 15.
Grinder, Piston ring. C. I. Lott. 2,063,939; Dec. 15.
Guard, Bumper. B. M. Short. 2,063,958; Dec. 15.
Guard for window sills. M. L. McNulty. 2,064,438; Dec. 15.
Guide for reverse gears. Piston rod. T. C. Gray. 2,064,534; Dec. 15.
Guide for wood working machines. J. A. Hirtz. 2,064,607; Dec. 15.
Hanger for handbags and the like. A. von Schroeder. 2,064,133; Dec. 15.
Harvester, Cotton. F. A. Thomann. 2,064,394; Dec. 15.
Headlight. P. A. Peters. 2,064,446; Dec. 15.
Headlight construction, Nonglare. B. B. Fortney. 2,064,253; Dec. 15.
Hearing-aid device. E. H. Greibach. 2,064,426; Dec. 15.
Heat exchange with explosion gases. H. Holzwarth. 2,063,928; Dec. 15.
Heat-treating furnace. E. V. Gilbert. 2,064,532; Dec. 15.
Heater: *See*—
Solar heater. Windshield heater.
Unit heater.
Heating. C. A. Dunham and D. N. Crosthwait, Jr. 2,064,197; Dec. 15.
Heating device for flowing fluids, Surgeon's electrical. B. T. Beasley. 2,063,902; Dec. 15.
Heating, Method and apparatus for. L. Wilson. 2,064,095; Dec. 15.
Heating system control. W. D. Burton. 2,064,194; Dec. 15.
Heel. E. Yeager. 2,064,711; Dec. 15.
Heels, Apparatus for use in covering. J. C. Shambow. 2,063,956; Dec. 15.
Highway appliance. P. J. Casey and M. S. Sibley. 2,064,519; Dec. 15.
Hinge construction. H. Raflovich. 2,064,628; Dec. 15.
Hoe, Weeding. J. H. Hall. 2,064,063; Dec. 15.
Hoist, Trolley. B. F. Fitch. 2,063,914; Dec. 15.
Hoist, Trolley. R. A. Norbom. 2,063,943; Dec. 15.
Holder: *See*—
Bottle holder. Key holder.
Card and display holder. Lamp socket holder.
Die holder. Lipstick holder.
Fish holder. Mop holder.
Hose coupling. C. W. A. Koelkebeck. 2,064,014; Dec. 15.
Hot blast valve. G. Fox. 2,064,201; Dec. 15.
Humidity responsive device. M. E. Flene. 2,064,651; Dec. 15.
Hydraulic power apparatus. L. F. Moody. 2,064,313; Dec. 15.
Hydrocarbons, Chlorinating. L. H. Clark. 2,064,413; Dec. 15.
Hydrocarbons, Coking liquid. H. V. Atwell. 2,064,715; Dec. 15.
Hydroxy alkoxy derivatives of 2-phenylquinoline-4-carboxylic acid and making same. P. Diedrich. 2,064,297; Dec. 15.
Ice colors. F. Zwilgmeyer. 2,064,332; Dec. 15.
Illuminated motion effects, Apparatus for producing. A. B. Leech. 2,064,210; Dec. 15.
Impulse generator. H. L. Rorden. 2,064,630; Dec. 15.
Indicator: *See*—
Battery and generator indicator. Game play indicator.
Inhaler. L. H. Morin. 2,064,314; Dec. 15.
Insulator for radio masts. R. L. Jenner. 2,064,121; Dec. 15.
Intercommunicating system. J. H. Voss. 2,064,180; Dec. 15.
Internal combustion engine. D. J. Deschamps. 2,064,196; Dec. 15.
Internal combustion engine. P. Reimberr. 2,064,082; Dec. 15.
Jack: *See*—
Bumper jack.
Jack. H. W. Brown. 2,064,370; Dec. 15.
Jar clamp. C. H. McColgan. 2,064,381; Dec. 15.
Jigsaw attachment for woodworking machines. J. A. Hirtz, Sr. 2,064,606; Dec. 15.
Joint: *See*—
Compression joint. Sealed joint.
Joint assembly, Universal. C. E. Swenson and E. B. Anderson. 2,064,392; Dec. 15.
Joint for structural toys. H. R. Mack. 2,063,895; Dec. 15.
Joints, Method and apparatus for forming. R. Temple, Jr. 2,064,129; Dec. 15.
Juvenile toilet seat. J. S. Cothran. 2,064,294; Dec. 15.
Ketones, Preparation of monomethylol. W. M. Quattlebaum, Jr. 2,064,564; Dec. 15.
Ketones, Production of higher. O. Fuchs, E. Naujoks, and W. Querfurth. 2,064,254; Dec. 15.
Key assembling machine. J. M. Holloway. 2,063,927; Dec. 15.
Key holder. F. Schmitz. 2,064,691; Dec. 15.
Kit, Socket wrench. N. F. McNaught and E. H. Peterson. 2,064,351; Dec. 15.
Kite plane. J. T. Stoney and U. B. Williams. 2,063,961; Dec. 15.
Knife, Detachable blade. M. Parker. 2,064,176; Dec. 15.
Knife, Paring. T. V. Baker. 2,064,718; Dec. 15.
Knitted fabric. J. McNamee. 2,064,074; Dec. 15.
Lamp: *See*—
Electric incandescent lamp.
Lamp and projection device, Incandescent. B. B. Fortney. 2,064,252; Dec. 15.
Lamp socket holder. W. B. Hanko. 2,063,924; Dec. 15.
Lamp, tube, and similar device. R. B. Thomas. 2,064,364; Dec. 15.
Latex, Stabilized rubber. H. M. Bunbury and R. B. F. F. Clarke. 2,063,982; Dec. 15.
Laundering, Apparatus for. E. J. Wilson and J. McCreary. 2,064,512; Dec. 15.

Leather cleaning composition. W. J. Yates. 2,064,285; Dec. 15.
Leather with India rubber, Treatment of. A. McLennan. 2,064,073; Dec. 15.
Lens. H. W. Lee. 2,064,550; Dec. 15.
Lens. D. Slotsky. 2,064,228; Dec. 15.
Lens and reflector, Combined. A. N. Taylor. 2,064,501; Dec. 15.
Lifter: *See*—
Valve spring lifter.
Lighting, Automobile. W. F. Belsley, H. D. Spradlin, L. R. Deadrich, and R. H. Echoff. 2,064,054; Dec. 15.
Lime compositions, Forming. C. I. Chubbuck. 2,064,588; Dec. 15.
Lipstick holder. J. Lee. 2,064,557; Dec. 15.
Lipstick holder. A. Mitchell. 2,064,555; Dec. 15.
Lipstick holder. P. A. Reutter. 2,064,556; Dec. 15.
Liquid device. C. S. Hazard. 2,063,892; Dec. 15.
Liquid expresser. L. F. Ducker. 2,064,787; Dec. 15.
Liquid feeder. L. B. Paine. 2,064,627; Dec. 15.
Liquid impelling system. L. D. Jones. 2,064,799; Dec. 15.
Liquids, Apparatus for degasifying. L. Emanuell. 2,064,650; Dec. 15.
Liquids, Method and apparatus for cooling. E. A. Humble. 2,064,609; Dec. 15.
Liquors, Purifying and aging spirituous. L. A. Yocum. 2,064,330; Dec. 15.
Load handling mechanism. B. F. Fitch. 2,063,916; Dec. 15.
Loading device for proofers. F. Marasso. 2,064,437; Dec. 15.
Loading machine. F. Cartlidge. 2,064,104; Dec. 15.
Location finder. O. A. Boch. 2,063,906; Dec. 15.
Lock and fuel tank closures on automobiles, Lever. L. B. Yegen. 2,064,238; Dec. 15.
Locomotive. C. A. Schellens and G. W. Emery. 2,064,126; Dec. 15.
Lubricating installation. J. Bijur. 2,063,003; Dec. 15.
Lubricating system for internal combustion engines. B. N. Pierce. 2,064,078; Dec. 15.
Luggage case. W. Wintz. 2,064,046; Dec. 15.
Machine for closing cartons. G. F. Ford and W. F. Pittman. 2,064,200; Dec. 15.
Machine for operating upon hides, skins, and pieces of leather. H. A. Ballard. 2,063,974; Dec. 15.
Machine for plucking hops. G. A. Hinds. 2,064,748; Dec. 15.
Machine for pressing the bottoms of shoes. J. P. Frederickson. 2,063,919; Dec. 15.
Machine for reclaiming waste fiber. C. N. and W. E. McIntyre. 2,064,024; Dec. 15.
Machine for sealing folders. W. W. Grieb and E. J. Simon. 2,064,658; Dec. 15.
Machines for ginning and cleaning cotton. J. C. Harris. 2,064,602; Dec. 15.
Magnesium and high percentage magnesium alloys, Forging. W. Schmidt and H. Altwicker. 2,064,323; Dec. 15.
Manifolding. A. A. Johnson. 2,064,611; Dec. 15.
Manifolding attachment for typewriters. J. Q. Sherman and A. W. Metzner. 2,063,959; Dec. 15.
Marker, Highway. W. B. Thompson. 2,064,504; Dec. 15.
Mat, Stair tread. E. W. Welland. 2,064,134; Dec. 15.
Materials, Apparatus for extracting. W. H. Haas. 2,064,660; Dec. 15.
Materials for the destruction of insect life therein, Method of and apparatus for treating. J. H. Davis. 2,064,522; Dec. 15.
Measuring device. C. Anderson. 2,063,973; Dec. 15.
Measuring device. A. D. Evans. 2,064,467; Dec. 15.
Mercury switch relay. C. H. Larson. 2,064,478; Dec. 15.
Metal compounds, Method and apparatus for recovering vaporized. A. L. J. Queneau. 2,064,495; Dec. 15.
Metal for shipment, Preparing sheet. H. C. Porter. 2,064,383; Dec. 15.
Metal parts, Apparatus for machining. B. P. Schiltz. 2,063,955; Dec. 15.
Metal pieces, Device for coating. G. W. McGohan. 2,064,173; Dec. 15.
Metallic surfaces, Protection of. H. Sutton and L. F. Le Brocq. 2,064,325; Dec. 15.
Meter: *See*—
Coin controlled meter.
Microbiological preparation of 2.3 butylene glycol. M. A. Scheffer. 2,064,359; Dec. 15.
Milk and milk preparations, Treatment of. R. E. Hall. 2,064,110; Dec. 15.
Milk delivery registering means. C. H. Hapgood. 2,064,306; Dec. 15.
Mill: *See*—
Forming mill.
Mill. J. A. Gervais. 2,063,996; Dec. 15.
Mineral separator. W. L. Zeigler. 2,064,398; Dec. 15.
Minerals, Concentration of. O. C. Ralston. 2,064,031; Dec. 15.
Mirror and display device. G. Frenkel. 2,064,060; Dec. 15.
Mixer: *See*—
Dough mixer. Gas mixer.
Fuel mixer.
Modulator with automatic regulator of power source, High efficiency. D. G. Little. 2,064,019; Dec. 15.
Moisture emitting and evaporating device, Regulable. E. Schneider. 2,064,225; Dec. 15.
Mold for casting stereotype printing plates. W. F. Huck. 2,064,117; Dec. 15.
Molded articles, Reenforcement for. L. J. Loeffler. 2,064,435; Dec. 15.
Mop handle support. R. C. Teare. 2,064,502; Dec. 15.
Mop holder. A. C. Kootz. 2,064,015; Dec. 15.
Motion of a railway vehicle axle, Controlling. G. H. Zouck. 2,064,138; Dec. 15.
Motor: *See*—
Electric motor. Vibratory motor.
Motor. R. H. Sullivan and W. R. Gordon. 2,064,090; Dec. 15.
Motor and lubricating system therefor. C. W. Mapes and Z. C. Bradford. 2,064,070; Dec. 15.
Motor control, Variable speed. B. A. Wittkuhns and F. M. Watkins. 2,064,454; Dec. 15.
Motor with low voltage lighting taps, Electric. J. M. Naul. 2,064,680; Dec. 15.
Motors, Protective system for polyphase. H. C. Brunner. 2,063,981; Dec. 15.
Mounting for bearings, Self-aligning. W. Messinger. 2,064,352; Dec. 15.
Mounting for separable fasteners. L. Rocke. 2,064,180; Dec. 15.
Mounting for vehicle wheels. F. B. Bell. 2,064,404; Dec. 15.
Mounting for wiring devices. M. N. Russell. 2,064,083; Dec. 15.
Mounting, Ophthalmic. G. A. Ellestad and C. G. Salmon. 2,064,376; Dec. 15.
Multiple unit tube. T. C. Prouty. 2,064,354; Dec. 15.
Napkins, Scalloping paper. B. G. Binikowsky. 2,064,406; Dec. 15.
Navigating instrument. F. H. Hagner. 2,064,062; Dec. 15.
Navigating instrument. E. J. Willis. 2,064,236; Dec. 15
Net, Laundry. R. L. Dickey. 2,064,594; Dec. 15.
Net, Upwardly swelling fishing. O. Dahl and W. F. Black. 2,064,296; Dec. 15.
News and advertising exhibiting. C. W. Brenn. 2,064,190; Dec. 15.
Nipple, Quick change swedge. C. J. Munroe and O. B. Willhite. 2,064,679; Dec. 15.
Nitrogen compounds, Method and apparatus for synthesizing. L. Herrmann. 2,064,260; Dec. 15.
Nozzle, Valved. C. W. Khuminzer. 2,064,794; Dec. 15.
Nut to carry lubricant. H. L. Gordon. 2,064,377; Dec. 15.
Oil, Apparatus for purification of. L. D. Jones. 2,064,798; Dec. 15.
Oil burner. T. A. Quart. 2,064,081; Dec. 15.
Oil composition, Drying. H. M. Dent. 2,064,786; Dec. 15.
Oil, Conversion of hydrocarbon. V. Ipatieff. 2,063,933; Dec. 15.
Oil, Dewaxing lubricating. C. C. Towne. 2,064,506; Dec. 15.
Oil distillation. R. F. Hadley. 2,064,743; Dec. 15.
Oil refiner. A. R. White. 2,064,097; Dec. 15.
Oil, Treatment of hydrocarbon. P. C. Keith, Jr. 2,064,757; Dec. 15.
Oils, Cracking hydrocarbon. R. E. Wilson. 2,064,708; Dec. 15.
Oils, Process and apparatus for treating mineral. M. R. Fenske and W. B. McCluer. 2,064,422; Dec. 15.
Oils, Process and reagent for desalting crude. P. R. Hershman. 2,064,541; Dec. 15.
Oils, Stabilization of nondrying and semidrying. J. K. Hunt. 2,064,610; Dec. 15.
Olefines, Hydration of. C. F. Horsley. 2,064,116; Dec. 15.
Olefines with sulphuric acid, Reacting. K. B. Lacy. 2,064,667; Dec. 15.
Optical glass composition. M. R. Scott. 2,064,361; Dec. 15.
Ore reducing machine. A. D. Hadsel. 2,064,109; Dec. 15.
Oscillator, Magneto-static. G. R. Kilgore. 2,064,012; Dec. 15.
Package. C. Rossum. 2,064,321; Dec. 15.
Packer, Well. L. L. Mackowski. 2,064,552; Dec. 15.
Packing. H. T. Wheeler. 2,064,235; Dec. 15.
Paper, Apparatus for treating. R. S. Bracewell. 2,063,887; Dec. 15.
Pad: *See*—
Cushion pad. Electric heating pad.
Paper coatings, Method of and apparatus for maintaining uniformity in. A. D. Wilkinson and J. R. Fanselow. 2,064,776; Dec. 15.
Paper manufacture. G. S. Carroll. 2,064,647; Dec. 15.
Paper to eliminate curl, Treating pyroxylin coated. R. S. Bracewell. 2,063,888; Dec. 15.
Paver, Re-tread. F. D. Wallace. 2,064,365; Dec. 15.
Paving material, Producing. W. L. Holbrook and W. R. Parker. 2,063,893; Dec. 15.
Perforated record controlled machine. M. Maul. 2,064,482; Dec. 15.
Phonograph. A. B. Winchell. 2,064,777; Dec. 15.
Photograph and cinematograph method, Polychromatic. P. E. Bonneau. 2,064,145; Dec. 15.
Photographic exposures, Apparatus for making. H. Herrmann. 2,064,472; Dec. 15.

Phthalic anhydride in finely divided solid form, Production of. H. B. Foster. 2,064,468; Dec. 15.
Picture and talking machine, Combined moving. C. Wurm and R. Goldstein. 2,064,049; Dec. 15.
Picture, Composite motion. F. W. Jackman. 2,064,206; Dec. 15.
Picture machine, Motion. B. Stechbart. 2,064,088; Dec. 15.
Pipe cleaning apparatus. S. Thayer. 2,064,577; Dec. 15.
Pipe cutter. G. Hammond. 2,064,661; Dec. 15.
Pipe testing plug. M. Santucci. 2,064,569; Dec. 15.
Piston, Aluminum-coated. D. J. Block. 2,063,904; Dec. 15.
Piston block. S. J. Janeko. 2,064,756; Dec. 15.
Piston construction of internal combustion engines. W. S. Burn. 2,064,371; Dec. 15.
Piston ring structure. M. O. Tector. 2,064,576; Dec. 15.
Pitman for mowers or like machines. H. M. Johnston. 2,064,166; Dec. 15.
Plait anchoring means for garments. L. E. Ber. 2,064,724; Dec. 15.
Plasterboard, Making. H. O. Kauffmann and D. D. Crandell. 2,064,800; Dec. 15.
Plate shaving machine. W. J. Lofstedt. 2,064,172; Dec. 15.
Plug: *See*—
Pipe testing plug. Spark plug.
Refillable fuse plug.
Plug or pin, Electrical contact. E. Kleinmann and A. Mendel. 2,064,545; Dec. 15.
Plug or wad for cigarette paper tubes, Smoke filter. B. Alvaz. 2,064,239; Dec. 15.
Pocketbook. D. Ashkenas. 2,064,333; Dec. 15.
Pocketbook. M. Sachs. 2,064,568; Dec. 15.
Position finder. F. H. Hagner. 2,064,061; Dec. 15.
Post: *See*—
Fence post.
Power mechanism. E. T. Croxdale. 2,064,339; Dec. 15.
Power transmission mechanism. E. J. Crane. 2,064,295; Dec. 15.
Power transmitting mechanism. C. R. Watson. 2,064,452; Dec. 15.
Preparations having a high content of commercial lecithin, Manufacture of stable. C. H. Buer. 2,064,727; Dec. 15.
Press: *See*—
Automatic punch press. Printing press.
Pressure gauge. J. D. Durant. 2,064,198; Dec. 15.
Pressure lubrication pump. S. O. Jakobsen. 2,064,755; Dec. 15.
Printer's blanket. W. C. Calvert. 2,064,780; Dec. 15.
Printing plates, Producing. E. L. Crist. 2,064,057; Dec. 15.
Printing press. C. R. Kaddeland. 2,064,168; Dec. 15.
Printing press. R. Miehle. 2,064,622; Dec. 15.
Projection apparatus. E. Bausch and H. F. Kurtz. 2,064,368; Dec. 15.
Propulsion unit. P. De Michelis. 2,064,195; Dec. 15.
Protective apparatus. S. C. Leyland. 2,064,018; Dec. 15.
Protector for footwear or the hoofs of animals, Metal. F. Genecand. 2,064,531; Dec. 15.
Pump: *See*—
Rotary type pump.
Pump for the conveyance of liquids, Piston. M. Hurst. 2,064,750; Dec. 15.
Pump or compressor. K. J. R. Cocke. 2,064,648; Dec. 15.
Pump or motor. W. Ferris and J. K. Douglas. 2,064,299; Dec. 15.
Quartz piezo-electric element. S. A. Bokovoy. 2,064,288; Dec. 15.
Rack for lawn mowers, Display. M. E. Ish. 2,064,164; Dec. 15.
Radiator. Heat. F. S. White and C. G. Bordeaux. 2,064,187; Dec. 15.
Radiator structure. C. J. Schlafman. 2,064,386; Dec. 15.
Radio aerial system, Duplex. J. G. Aceves. 2,064,400; Dec. 15.
Radio antenna device. M. P. Atienza. 2,064,585; Dec. 15.
Radio apparatus. I. Wolff. 2,064,582; Dec. 15.
Radio cable. E. F. Andrews. 2,064,513; Dec. 15.
Radio communication system, Short wave. G. A. Mathieu. 2,064,481; Dec. 15.
Radio dial. L. F. Curtis and P. B. Scharf. 2,064,520; Dec. 15.
Radio frequency distribution system. C. C. Shumard. 2,064,227; Dec. 15.
Radio receiver. Y. Rocard. 2,064,220; Dec. 15.
Radio receiving set for ultra-short waves. W. Dällenbach. 2,064,242; Dec. 15.
Radio signal system. L. E. de Neergaard. 2,063,890; Dec. 15.
Radio tube grids, Method of and apparatus for producing. H. Kershaw. 2,064,169; Dec. 15.
Railway communicating system. P. N. Bossart. 2,064,640; Dec. 15.
Range, Electric. A. Barnsteiner. 2,063,975; Dec. 15.
Range, Gas. W. D. Antrim. 2,064,713–14; Dec. 15.
Rayon, Producing. C. A. Huttinger and E. R. Timlowski. 2,064,118; Dec. 15.
Razor assembly. W. Bowers. 2,064,102; Dec. 15.
Reaction products of amines with strong polybasic mineral acids. H. Ulrich, P. Koerding, and J. Nuesslein. 2,063,963; Dec. 15.
Receiver. M. G. Crosby. 2,064,106; Dec. 15.
Recording machine. M. Garbell. 2,064,203; Dec. 15.
Recording mechanism. O. A. Shann. 2,064,274; Dec. 15.
Rectifier and inverter. L. R. Ludwig and J. Slepian. 2,064,020; Dec. 15.
Refillable fuse plug. G. B. Rudnick. 2,064,034; Dec. 15.
Refrigerant condensing apparatus. W. A. Schmidt and W. Nadeau. 2,064,271; Dec. 15.
Refrigerating apparatus. H. J. Dick. 2,063,988; Dec. 15.
Refrigerating apparatus. H. B. Hull. 2,064,009–10; Dec. 15.
Refrigerating apparatus. H. F. Smith. 2,063,960; Dec. 15.
Refrigerating apparatus. H. F. Smith. 2,064,040; Dec. 15.
Refrigerating apparatus, Making. J. Askin. 2,064,141; Dec. 15.
Refrigeration. A. R. Thomas. 2,064,233; Dec. 15.
Refrigerator. C. F. Belshaw. 2,064,515; Dec. 15.
Regenerative repeater. R. F. Dirkes and V. R. Kimball. 2,064,298; Dec. 15.
Regulator for sheet mills, Roll temperature. E. F. Spence and L. T. Lindquist. 2,064,182; Dec. 15.
Resin, Artificial. E. C. Kneale and H. H. Wohlgemuth. 2,064,614; Dec. 15.
Resins, Producing vinyl. E. W. Reid. 2,064,565; Dec. 15.
Resins, Treatment of. S. P. Miller. 2,064,487; Dec. 15.
Rice flakes, Manufacture of. E. O. Stokkebye. 2,064,701; Dec. 15.
Rifle telescope sight. W. R. Weaver. 2,064,329; Dec. 15.
Ring traveler. O. B. Land. 2,064,548; Dec. 15.
Road chair. O. N. Whitehead. 2,064,705; Dec. 15.
Robe, Sleeping. H. C. Bulpit and S. S. Holden. 2,064,458; Dec. 15.
Roller boring drill. F. L. Scott. 2,064,273; Dec. 15.
Rolling mill bearing. P. H. Frank. 2,064,741; Dec. 15.
Rotary type pump. B. B. Stern. 2,064,635; Dec. 15.
Rotor, Turbine generator. B. A. Rose. 2,064,033; Dec. 15.
Rubber derivative. T. C. Morris. 2,064,763; Dec. 15.
Rubber, Plasticizing. I. Williams and C. C. Smith. 2,064,580; Dec. 15.
Rubber, Preservation of. J. R. Ingram. 2,064,752; Dec. 15.
Safety valve. E. H. Mueller. 2,064,623; Dec. 15.
Sanding device. E. Falk. 2,064,250; Dec. 15.
Sanding machine. A. G. McCaleb. 2,064,483; Dec. 15.
Sanitary belt. J. F. Fontaine. 2,064,740; Dec. 15.
Saw. P. D. Howe and S. L. Batchelder. 2,064,261; Dec. 15.
Saw attachment for woodworking machines, Band. J. A. Hirtz, Sr. 2,064,605; Dec. 15.
Saw, Electric hand. C. M. MacLeod. 2,064,676; Dec. 15.
Saw filing machine. J. F. Mose. 2,064,353; Dec. 15.
Saw set. T. V. Baker. 2,064,717; Dec. 15.
Saws, Making circular. M. Bird. 2,064,407; Dec. 15.
Scraper. E. B. Maloon. 2,064,023; Dec. 15.
Screen: *See*—
Color screen. Stencil screen.
Seal for high vacuum chambers, Shaft. R. J. Van de Graaff. 2,064,703; Dec. 15.
Seal for reciprocating pumps. Tubing. F. M. Hudson. 2,064,429; Dec. 15.
Sealable container. F. Keidel. 2,064,432; Dec. 15.
Sealed joint. D. D. Crandell. 2,064,785; Dec. 15.
Sealing means for pneumatic springs and the like. E. Ericsson. 2,064,527; Dec. 15.
Seat: *See*—
Juvenile toilet seat. Shooting seat.
Seat construction, Adjustable. A. L. de Cary. 2,064,592; Dec. 15.
Sedimentation apparatus. H. B. Coulter. 2,064,151; Dec. 15.
Sedimentation apparatus. A. J. Fischer. 2,064,792; Dec. 15.
Seismic surveying. V. Voorhees. 2,064,451; Dec. 15.
Selector control switch. E. J. W. Ragsdale. 2,064,179; Dec. 15.
Separating apparatus. E. W. Hartman. 2,064,000; Dec. 15.
Separator: *See*—
Mineral separator.
Separator. J. P. Mahoney and L. E. Long. 2,064,554; Dec. 15.
Sewage sludge multidigestion. A. J. Fischer and N. B. Lund. 2,064,529; Dec. 15.
Sewing machine, Multiple direction. L. Roseman. 2,064,221; Dec. 15.
Sewing machine, Ornamented loop-stitch. J. Galkin. 2,063,995; Dec. 15.
Sewing machines, Attachment for. N. M. Conaway. 2,064,733; Dec. 15.
Sewing machines, Cutting device for. H. Fabian and A. K. Edwards. 2,064,598; Dec. 15.
Sewing machines, Work supporting means for. C. A. Dearborn. 2,064,153; Dec. 15.
Shade and making, Window. S. J. Johnson. 2,064,165; Dec. 15.
Shade fixtures, Window. P. La Penna. 2,064,016; Dec. 15.
Shaker top can. A. G. Hopkins. 2,064,308; Dec. 15.
Shaper, Duplex. A. J. Wells. 2,063,899; Dec. 15.
Shears, Utility and animal. H. W. Carrier. 2,064,730; Dec. 15.
Sheet feeder. W. R. Hotchkiss. 2,064,004; Dec. 15.

Shelf support. J. T. Whalen. 2,064,096; Dec. 15.
Shield, Dust. R. A. Dittmar. 2,064,245; Dec. 15.
Shield, Glare. C. A. Hawk. 2,064,746; Dec. 15.
Shingle, Composition. R. A. Holdsworth. 2,064,473; Dec. 15.
Shingle, Self-spacing individual composition. S. A. Kiellar. 2,064,263; Dec. 15.
Shock absorber. C. G. T. Salenius. 2,064,496; Dec. 15.
Shock absorber. A. M. Tyson. 2,064,702; Dec. 15.
Shoe and insole therefor. C. Reggie. 2,064,629; Dec. 15.
Shoe and shoemaking. M. Green. 2,064,256; Dec. 15.
Shoemaking. W. H. Nickerson. 2,064,681; Dec. 15.
Shoe parts, Method of and machine for assembling. R. H. Lawson. 2,063,938; Dec. 15.
Shoe-turning machine. A. Eppler. 2,063,993; Dec. 15.
Shooting seat. R. Noé. 2,064,215; Dec. 15.
Shuttle, Automatically threading loom. W. A. Tebo. 2,064,362; Dec. 15.
Shuttle for automatic looms. W. A. Tebo. 2,064,363; Dec. 15.
Siding material. L. Kirschbraun. 2,063,935; Dec. 15.
Sign: *See*—
Gaseous electric sign.
Sign and sign frame. F. A. Austin. 2,064,240; Dec. 15.
Sign apparatus, Motor driven illuminated endless band. I. Holsman. 2,064,115; Dec. 15.
Sign display stand. L. J. Schneider. 2,064,127; Dec. 15.
Signs, Apparatus for displaying aerial. H. H. Richardson. 2,064,218; Dec. 15.
Signal: *See*—
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Signal device. W. R. Curtiss. 2,064,735; Dec. 15.
Signal device, Audible. G. A. Harrison. 2,064,603; Dec. 15.
Signal system for toy railroad trains. L. Marx. 2,064,311; Dec. 15.
Signaling system. H. M. Pruden. 2,064,319; Dec. 15.
Signaling system, Railway. H. S. Young and E. M. Allen. 2,063,971; Dec. 15.
Silk, Apparatus for use in the manufacture of artificial. P. P. Kriek. 2,064,069; Dec. 15.
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Skate wheel. J. V. Schavone. 2,064,690; Dec. 15.
Sleet and mist eliminating device for windshields. E. W. Shackford and A. W. Ingalls. 2,064,498; Dec. 15.
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Snifter, Bottle filler. J. Kantor. 2,064,378; Dec. 15.
Solar heater. H. Hodgson. 2,0634,345; Dec. 15.
Soldering Iron, Electric. C. C. Abbott. 2,064,645; Dec. 15.
Solids from liquids, Apparatus for filtering. D. H. Wells. 2,064,511; Dec. 15.
Solids, Separating. E. W. Hartman. 2,063,926; Dec. 15.
Solutions of the follicle hormone and its esters and making the same, Concentrated. F. Hildebrandt. 2,064,114; Dec. 15.
Solvent extraction of oils. A. B. Brown and F. F. Diwoky. 2,064,338; Dec. 15.
Sound communication system. G. W. Pierce. 2,063,946; Dec. 15.
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Sound-on-film, Apparatus for reproducing. L. de Forest. 2,064,593; Dec. 15.
Sound recording, Photographic. E. W. Kellogg. 2,064,665; Dec. 15.
Space discharge device. G. D. O'Neill. 2,064,216; Dec. 15.
Spark device for engines, Spring controlled. V. G. Smith. 2,064,572; Dec. 15.
Spark plug. C. G. Erny. 2,064,738; Dec. 15.
Spark plug. F. Stemmeler. 2,064,089; Dec. 15.
Spectacle frame. P. Hempel. 2,064,604; Dec. 15.
Spectacles, Folding. W. D. Eglinton. 2,064,525; Dec. 15.
Speed control device. J. A. Briggs. 2,064,779; Dec. 15.
Speed control for electric motors. J. F. Frese. 2,064,302; Dec. 15.
Spindle for twisting machines, Antiballooning. I. R. Rowe. 2,064,270; Dec. 15.
Sprayer. T. W. Pickard. 2,064,178; Dec. 15.
Spraying, Method and apparatus for. E. O. Norris. 2,064,125; Dec. 15.
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Stamps, Safety, revenue, postage, and like. A. A. Wittnebel. 2,064,281; Dec. 15.
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Starter control, Automatic. P. H. Maurer. 2,064,350; Dec. 15.
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Steering controller. A. A. Friestedt. 2,063,920; Dec. 15.
Steering controller. A. A. Friestedt. 2,064,600; Dec. 15.
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Stencil screen. H. E. Playford, R. H. Hoge, and C. Cone. 2,064,764; Dec. 15.
Step, Wall. C. W. Grove. 2,064,803; Dec. 15.
Stereofluoroscopic apparatus. J. W. M. du Mond. 2,063,980; Dec. 15.
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Stereotype metal distributor, Flat. W. L. Crawford. 2,064,734; Dec. 15.
Stoker. C. J. Surdykowski. 2,064,277; Dec. 15.
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Stokers, Apparatus for controlling. J. R. Brownell and C. B. Little. 2,064,193; Dec. 15.
Stop, Window. H. E. Barnett. 2,064,721; Dec. 15.
Storage compartment, Refrigerated. W. E. Carpenter. 2,064,412; Dec. 15.
Stove. B. B. Kahn and W. T. Bradbury. 2,064,347; Dec. 15.
Strand tensioning, slack compensating, selective trapping, and cutting device. H. Owens. 2,064,685; Dec. 15.
String loop attaching method. C. A. Flood. 2,063,918; Dec. 15.
Stringed instrument. E. Blanchette. 2,064,516; Dec. 15.
Styrol, Manufacture of. O. H. Smith. 2,064,571; Dec. 15.
Suction cleaner. D. G. Smellie. 2,064,388; Dec. 15.
Suction cleaner. H. B. White. 2,064,397; Dec. 15.
Sugar carbonation process and apparatus. R. M. White. 2,064,135; Dec. 15.
Sulphur, Colloidal. W. S. Calcott, I. Williams, and B. Dales. 2,064,728; Dec. 15.
Sulphur compounds from hydrocarbons, Removal of. A. A. Morton. 2,064,538; Dec. 15.
Support: *See*—
Bomb support. Shelf support.
Mop handle support.
Support. C. A. Smith. 2,064,087; Dec. 15.
Support for separating strips. A. C. Fischer. 2,064,528; Dec. 15.
Support for vehicle motors. P. Bollinger. 2,063,978; Dec. 15.
Support for wires. T. C. Campbell, C. H. Wheeler, and H. W. Bowly. 2,064,290; Dec. 15.
Surface finishing articles. L. W. Ruppert. 2,064,322; Dec. 15.
Surfaces and apparatus therefor, Pigmenting. C. A. Wulf. 2,064,284; Dec. 15.
Surfboard or float, Pneumatic. E. E. Smithers and C. D. Richardson. 2,064,128; Dec. 15.
Surgical appliance. E. E. Longfellow. 2,064,672; Dec. 15.
Suspender slide. L. E. Giles. 2,064,423; Dec. 15.
Sweeper, Combination blower and suction. C. A. Good. 2,064,344; Dec. 15.
Switch: *See*—
Electric switch. Selector control switch.
Electromagnetic switch.
Switch. A. Ramsey. 2,063,954; Dec. 15.
Switch construction. A. W. Franklin. 2,064,157; Dec. 15.
Switching device for radio receiving and other electrical systems. P. Kalencik. 2,064,348; Dec. 15.
Syringe. C. E. and G. E. Leonard. 2,064,619; Dec. 15.
Table slide, Group. J. Huber. 2,064,749; Dec. 15.
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Tagging device. J. J. Lee. 2,064,209; Dec. 15.
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Tank for sewage and the like, Settling. W. W. Sayers. 2,064,497; Dec. 15.
Tape and sealing therewith, Gummed. W. F. Harrison. 2,063,999; Dec. 15.
Tar, Heating. S. P. Miller. 2,064,486; Dec. 15.
Target-making machine. J. W. Napier. 2,064,624; Dec. 15.
Television systems, Automatic line level regulation of multiple channel. J. Herman. 2,064,540; Dec. 15.
Temperature of plastic materials during molding, Apparatus for controlling the. L. W. Hottel. 2,064,162; Dec. 15.
Textile fibers, Degumming. L. R. Tiraferri and C. Mazzetti. 2,064,130; Dec. 15.
Textile material, Artificial. W. I. Taylor and J. W. Grebby. 2,064,279; Dec. 15.
Thermometer. A. C. Bruns. 2,064,149; Dec. 15.
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Thiazyl derivatives. H. I. Cramer. 2,064,783; Dec. 15.
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Thread, Manufacture of artificial. J. S. Fonda and G. W. Filson. 2,064,300; Dec. 15.
Thread stop-motion. H. E. Smyth. 2,064,697; Dec. 15.
Threaded elements, Assembling. A. J. England. 2,064,342; Dec. 15.
Threads of India-rubber, gutta percha, or the like, Production of. E. Vincke. 2,064,508; Dec. 15.
Ticket attaching device, String. C. A. Flood. 2,063,917; Dec. 15.

Tie-plate, Railway. H. L. Keen. 2,064,664; Dec. 15.
Tillage tool. L. W. Pope. 2,064,269; Dec. 15.
Timing mechanism, Electric. R. H. Whitehead. 2,064,043; Dec. 15.
Tire groover. D. Jack and W. Matisek. 2,063,894; Dec. 15.
Tire mold and making the same. R. C. Bateman. 2,064,778; Dec. 15.
Tire, Pneumatic. H. R. Simonds. 2,064,694; Dec. 15.
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Flower, fruit, and vegetable gathering tool. Garden tool.
Tillage tool.
Tool. L. F. Black. 2,064,457; Dec. 15.
Tool for cementing wells, Plug back. S. Q. Bates. 2,064,336; Dec. 15.
Tool for metal cutting machines. C. B. Gray. 2,064,796; Dec. 15.
Toy, Climbing. J. V. Irenius. 2,064,119; Dec. 15.
Toy vehicle. R. Lohr. 2,064,309; Dec. 15.
Track circuit apparatus, Railway. A. E. Dodd. 2,064,420; Dec. 15.
Tractor. A. J. Hersey and C. L. Madden. 2,064,205; Dec. 15.
Traffic signal. W. W. McClure. 2,064,211; Dec. 15.
Trailbuilder. E. B. Maloon. 2,064,022; Dec. 15.
Train communication system, Railway. P. N. Bossart. 2,064,642; Dec. 15.
Train communication systems, Apparatus for railway. P. N. Bossart. 2,064,641; Dec. 15.
Train communication systems, Apparatus for railway. P. N. Bossart. 2,064,643; Dec. 15.
Transfer set. M. Hopp. 2,064,003; Dec. 15.
Transformer structure. W. G. James. 2,064,011; Dec. 15.
Transmission and reception, Apparatus for. R. L. Steinberger. 2,063,950–2; Dec. 15.
Transmission gearing, Automatic change speed. G. H. J. Baule. 2,064,646; Dec. 15.
Trap. P. Wodarczyk. 2,064,188; Dec. 15.
Trapping or cutting device for use in twisting, winding, spinning, or like machines, Selective. H. Owens. 2,064,491; Dec. 15.
Trigger mechanism for machine guns. W. R. Bluebdorn and F. K. Howard. 2,063,905; Dec. 15.
Trimming machines. W. C. Card, Jr. 2,064,291; Dec. 15.
Truck. R. F. Darby. 2,064,464; Dec. 15.
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Tube: *See*—
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Tube cleaner. W. S. Elliott. 2,063,991; Dec. 15.
Tube system for heat exchange. P. Dmitrevskij and D. Astrov. 2,064,246; Dec. 15.
Tubes, Shaping the ends of. K. V. Hart. 2,064,539; Dec. 15.
Tubing, Lensed electric lighting glass. G. H. Hutaff, Jr., and H. B. Norris. 2,063,930; Dec. 15.
Tubing, Mirrored electric light. G. H. Hutaff, Jr., and H. B. Norris. 2,063,929; Dec. 15.
Tuning system, Selective. P. J. Walsh. 2,063,965; Dec. 15.
Turbine, Elastic fluid. J. H. Doran. 2,064,649; Dec. 15.
Turtleback, Collapsible. G. A. Luburg. 2,064,673; Dec. 15.
Twine. L. I. Whitlock. 2,063,966; Dec. 15.
Typewriting and like machine. E. S. Dodge and W. L. Philbin. 2,064,154; Dec. 15.
Typewriting, Bookkeeping, and card-perforating machine, Combined. F. K. Davis. 2,064,340; Dec. 15.
Typewriting machine. R. W. Petrini. 2,064,177; Dec. 15.
Undergarment. P. S. Bloom. 2,064,409; Dec. 15.
Unit heater. J. E. Smith. 2,064,389; Dec. 15.
Upholstery pad stuffing machinery. T. L. McJoynt. 2,064,213; Dec. 15.
Utensil, Household. S. C. Winger. 2,064,136; Dec. 15.
Utensil, Smoker's. W. F. Black. 2,063,977; Dec. 15.
V-type engine frame. G. J. Wohanka. 2,064,282; Dec. 15.
Vacuum cleaner. F. Carlstedt. 2,064,587; Dec. 15.
Vacuum printing frame. A. T. Koppe. 2,064,068; Dec. 15.
Values from manganese carbonate ores, Extracting. J. D. MacCarthy. 2,064,551; Dec. 15.
Valve: *See*—
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Automatic lift valve. Safety valve.
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Valve and seat for internal combustion engines. F. A. Fahrenwald. 2,064,155; Dec. 15.
Valve for plunger lift devices, Period control. C. N. Scott. 2,064,272; Dec. 15.
Valve spring lifter. H. W. Kulp. 2,064,264; Dec. 15.
Valve structure for pumping systems. H. J. Marlowe. 2,064,265; Dec. 15.
Valve structure, Pressure operated. W. H. Finley and C. H. Hamilton. 2,064,343; Dec. 15.
Vault, Sidewalk. L. C. Hagan. 2,064,538; Dec. 15.
Vehicle and braking system therefor, Motor. H. M. Rockwell. 2,064,688; Dec. 15.
Vehicle body, Motor. H. Ledwinka. 2,064,380; Dec. 15.
Vehicle brake. O. A. Moneymaker. 2,064,026; Dec. 15.
Vehicle construction. A. A. Grinnell. 2,064,536; Dec. 15.
Vehicle, Motor. B. B. Bachman. 2,064,100; Dec. 15.
Vehicle wheel. M. H. Rix. 2,064,219; Dec. 15.
Vibration detector. L. J. Neuman. 2,064,489; Dec. 15.
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Vibrator, Magnetostrictive. G. W. Pierce. 2,063,949; Dec. 15.
Vibratory motor. J. White. 2,064,048; Dec. 15.
Visor, Collapsible windshield. B. S. Talbott. 2,064,393; Dec. 15.
Visual volume control. P. M. Craig and A. K. Ward. 2,064,462; Dec. 15.
Vulcanizer adapter. R. G. Daniel. 2,064,416; Dec. 15.
Wall construction. H. A. Faber. 2,064,788; Dec. 15.
Wall construction. H. A. Faber. 2,064,790; Dec. 15.
Wall paper remover. M. C. Cooper. 2,064,374; Dec. 15.
Warp frame attachment. H. Wirth. 2,064,709; Dec. 15.
Watches, Apparatus for timing. E. Norrman. 2,064,559; Dec. 15.
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Wave signal collecting system. H. A. Wheeler. 2,064,774; Dec. 15.
Web tensioning mechanism. G. H. Wheldon. J. E. Murphy, and H. A. Lotz. 2,064,638; Dec. 15.
Webs of interfelted fiber, Manufacture of smooth-faced. M. O. Schur. 2,064,360; Dec. 15.
Welder, Arc. L. C. Shippy. 2,064,085; Dec. 15.
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Wells, Apparatus for pumping. I. C. Harris and H. W. Doubrava. 2,063,925; Dec. 15.
Wheel: *See*—
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Wheel suspension for motor cars, Front. A. Garardi. 2,064,107; Dec. 15.
Window assembly. W. D. Bayley. 2,064,335; Dec. 15.
Window construction. E. F. Bumann. 2,064,459; Dec. 15.
Window, Double glazed. F. Gelstharp and J. C. Parkinson. 2,064,530; Dec. 15.
Window having panes of cellulose acetate, cellophane, and the like. O. H. Wicander. 2,063,901; Dec. 15.
Windshield heater. H. C. Cole. 2,064,055; Dec. 15.
Wiper for typographical machines, Vise jaw. A. G. Sperry. 2,064,698; Dec. 15.
Wire and the like, Coating insulated. A. T. Candy, Jr. 2,063,889; Dec. 15.
Wire, Apparatus for heating. W. H. Convers. 2,064,589; Dec. 15.
Wood-graining. J. O. Black. 2,064,456; Dec. 15.
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X-ray device. W. Hofmann. 2,064,662; Dec. 15.
Yarn and making the same, Elastic. F. D. Chittenden. 2,064,801; Dec. 15.
Yarn and producing the same. E. J. Lownes, Jr., and M. O. Gibson. 2,064,761; Dec. 15.
Yarn, Producing. E. J. Lownes, Jr., and M. O. Gibson. 2,064,762; Dec. 15.
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Zinc concentrates, Sintering. S. H. Levinson and E. J. Bruderlin. 2,064,479; Dec. 15.

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ISSUED DECEMBER 15, 1936

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[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Abbott Laboratories, North Chicago, Ill. Medicinal syrup. Serial No. 384,070; Dec. 22. Class 6.

Adell Chemical Company. (See Barowsky, Jacob L.)

Allen Granite Company, Elberton, Ga. Granite. Serial No. 383,709; Dec. 22. Class 12.

Allied Kid Company, Boston, Mass. Shoe and leather dressings. Serial No. 383,796; Dec. 22. Class 4.

American Crayon Company, The, Sandusky, Ohio. Crayons and paste used for marking the skin preparatory to taking X-rays. Serial No. 383,381; Dec. 22. Class 44.

American Manufacturing Corporation, Inc., New Orleans, La. Women's underwear. Serial No. 384,230; Dec. 22. Class 39.

American Newspapers, Inc., Washington, D. C. Column in a newspaper. Serial No. 382,108; Dec. 22. Class 38.

Angelin, Zigne M., Santa Monica, Calif. Containers for bread, cake, etc. Serial No. 383,615; Dec. 22. Class 2.

Apex Manufacturing Company, Kansas City, Mo. Air conditioning units. Serial No. 383,202; Dec. 22. Class 34.

Armor Bronze Company. (See Collis, George B.)

Asselin, Urgel F., doing business as Asselin Creamery Co., Norway, Mich. Ice cream. Serial No. 384,233; Dec. 22. Class 46.

Baer & Wilde Company, The, assignor to Swank Products, Inc., of Attleboro, Mass., Attleboro, Mass. Glass drinking novelties. Serial No. 366,352; Dec. 22. Class 33.

Barowsky, Jacob L., doing business as Adell Chemical Company, Holyoke, Mass. Cleansing composition. Serial No. 383,910; Dec. 22. Class 4.

Bell Syndicate, Inc., The, New York, N. Y. Series of books and pamphlets. Serial No. 383,461; Dec. 22. Class 38.

Berzer, M., Co., Inc., New York, N. Y. Wash neckties. Serial No. 369,561; Dec. 22. Class 39.

Bewley Mills, Fort Worth, Tex. Stock feeds. Serial No. 375,420; Dec. 22. Class 46.

Bisceglia Bros., San Jose, Calif. Wine. Serial No. 384,235; Dec. 22. Class 47.

Bisceglia Bros., San Jose, Calif. Wine. Serial No. 384,237; Dec. 22. Class 47.

Blauner's, Philadelphia, Pa. Corsets, brassières, girdles, etc. Serial No. 382,111; Dec. 22. Class 39.

Bresduck, Inc., New York, N. Y. Razors, shears, scissors, etc. Serial No. 378,033; Dec. 22. Class 23.

British Cod Liver Oil Producers (Hull) Limited, Hull, England. Preparations of cod liver oil. Serial No. 381,524; Dec. 22. Class 6.

Buddie Co., The. (See Woolf, Preston G.)

Burry Biscuit Corporation, Chicago, Ill., and Linden, N. J. Biscuits. Serial No. 384,447; Dec. 22. Class 46.

Bustelo Coffee Roasting Co., Inc., New York, N. Y. Coffee. Serial No. 384,243; Dec. 22. Class 46.

C. & E. Canners, Hammonton, N. J. Fresh cranberries and cranberry sauce. Serial No. 383,253; Dec. 22. Class 46.

California Vineyards, Inc., Los Angeles, Calif. Wines. Serial No. 383,980; Dec. 22. Class 47.

Case, Harold, doing business as The Marlo Company, New York, N. Y. Machinery packing, power transmission belting, and brake lining. Serial No. 384,028; Dec. 22. Class 35.

Cavalier Cravat Company, Louisville, Ky. Neckties and cravats. Serial No. 374,400; Dec. 22. Class 39.

Chef's Choice Products Company. (See Slingerland, Arthur J.)

Cohen Bros. (See St. James Realty & Department Store Company.)

Collis, George B., doing business as Armor Bronze Company, Taunton, Mass. Ornamental mantel pieces, statuettes and statuary figures. Serial No. 382,788; Dec. 22. Class 50.

Columbian Steel Tank Company, Kansas City, Mo. Copper nickel steel alloy sheets. Serial No. 384,613; Dec. 22. Class 14.

Continental Distilling Corporation, Philadelphia, Pa. Whiskey, gin, rum, etc. Serial No. 385,340; Dec. 22. Class 49.

Cook Specialty Company, Cleveland, Ohio. Candy. Serial No. 383,874; Dec. 22. Class 46.

Corte & Co., Jersey City, N. J. Olive oils, olives, dry cod fish, etc. Serial No. 365,062; Dec. 22. Class 46.

Cosmic Products Company. (See Dickson, Cecil V.)

Cronin, Grover, Inc., Waltham, Mass. Men's suits, coats, overcoats, etc. Serial No. 382,205; Dec. 22. Class 39.

Davis, A., & Sons, Inc., New York, N. Y. Coats. Serial No. 381,757; Dec. 22. Class 39.

Deluxe Products Corporation, LaPorte, Ind. Oil filters. Serial No. 383,915; Dec. 22. Class 23.

De Pew Chemical Company. (See Wing, Nelle K.)

Dickson, Cecil V., doing business as Cosmic Products Company, Oakland, Calif. Metal cleaning and polishing preparations. Serial No. 383,725; Dec. 22. Class 4.

Dietz, R. E., Company, New York, N. Y. Oil burning lanterns and burners and parts thereof. Serial No. 383,876; Dec. 22. Class 34.

Ditto, Incorporated, Chicago, Ill. Coated paper. Serial No. 377,102; Dec. 22. Class 37.

Ditto, Incorporated, Chicago, Ill. Electrically operated duplicating machines. Serial No. 384,959; Dec. 22. Class 21.

Dorr Company, Inc., The, New York, N. Y. Sedimentation apparatus. Serial No. 377,460; Dec. 22. Class 23.

Drew, Irving, Company, The, Portsmouth, Ohio. Boots, shoes, and slippers. Serial Nos. 384,450–1; Dec. 22. Class 39.

Edwards, Thomas, doing business as Westmoreland Oil & Gas Co., Greensburg, Pa. Gasolene and kerosene. Serial No. 384,033; Dec. 22. Class 15.

Eisenstaedt Bros. Co., Inc., Chicago, Ill. Neckwear. Serial No. 382,975; Dec. 22. Class 39.

Enoz Chemical Company, Chicago, Ill. Drain pipe flush. Serial No. 383,992; Dec. 22. Class 6.

Enterprise Manufacturing Company, The, Akron, Ohio. Fish hooks. Serial No. 385,349; Dec. 22. Class 22.

Etablissements Pernod, Maisons Pernod Fils, Hemard & Pernod Pere & Fils Reunies (Societe Anonyme), Paris, France. Vermouth. Serial No. 382,624; Dec. 22. Class 47.

European Wine Exporters & Growers Agencies, Inc., New York, N. Y. Wine. Serial No. 383,993; Dec. 22. Class 47.

Farber, Harold D., Binghamton, N. Y. Astringents, astringent cerates, bleach creams, etc. Serial No. 383,880; Dec. 22. Class 6.

Feinberg, Michael, doing business as Feinberg Kosher Sausage Company, Minneapolis, Minn. Household cleaner. Serial No. 379,339; Dec. 22. Class 4.

Foreign Specialties, Inc., New York, N. Y. Combs for combing the hair. Serial No. 376,990; Dec. 22. Class 40.

Free State Brewery Corporation, Baltimore, Md. Ale. Serial No. 384,848; Dec. 22. Class 48.

Freem's Ltd., New York, N. Y. Shirts, neckties, scarfs, etc. Serial No. 383,923; Dec. 22. Class 39.

Friez, Julien P., & Sons, Inc., Baltimore, Md. Instrument for controlling humidity and temperature. Serial No. 371,094; Dec. 22. Class 26.

Gallowhur, George, Mt. Kisco, N. Y. Hair shampoo preparation. Serial No. 384,359; Dec. 22. Class 6.

Garfield, Richard A., New York, N. Y. Chewing gum. Serial No. 384,526; Dec. 22. Class 6.

Gates Rubber Company, The, Denver, Colo. Double V-shaped belts. Serial No. 384,945; Dec. 22. Class 35.

Glaser, Samuel, doing business as True Value Neckwear Company, New York, N. Y. Cravats. Serial No. 379,699; Dec. 22. Class 39.

Globe Specialty Company, Chicago, Ill. Automobile safety reflecting and signal lenses and buttons. Serial No. 383,128; Dec. 22. Class 19.

Hale's Preparations Company, Inc., Clifton, N. J. Ointment. Serial No. 383,620; Dec. 22. Class 6.

Hat Corporation of America, Norwalk, Conn. Hats. Serial No. 384,462; Dec. 22. Class 39.

Hat Corporation of America, Norwalk, Conn. Hats. Serial No. 384,464; Dec. 22. Class 39.

Helms Bakeries, Los Angeles, Calif. Cakes. Serial No. 383,505; Dec. 22. Class 46.

Hope, Inc., New York, N. Y. Tablets containing a tonic ingredient. Serial No. 384,125; Dec. 22. Class 6.

International Harvester Company, Chicago, Ill. Milking machines and parts thereof. Serial No. 383,018; Dec. 22. Class 23.

International Harvester Company, Chicago, Ill. Milking machines and parts thereof. Serial Nos. 383,021–2; Dec. 22. Class 23.

Island Creek Coal Sales Company, Cincinnati, Ohio. Coal. Serial No. 382,477; Dec. 22. Class 1.

Jacky Dog Remedies Co. (See Romero, George.)

Juvenile Shoe Corporation of America, The, Aurora and St. Louis, Mo. Shoes. Serial No. 383,809; Dec. 22. Class 39.

Koppel Industrial Car and Equipment Co., Koppel, Pa. Fertilizer and fertilizer materials. Serial No. 384,711; Dec. 22. Class 10.

Kroger Grocery & Baking Company, The, Cincinnati, Ohio. Bread. Serial No. 384,088; Dec. 22. Class 46.

Krystal Company, The, Chattanooga, Tenn. Hamburger sandwiches. Serial No. 380,952; Dec. 22. Class 46.

Kurtz Brothers Corporation, Philadelphia, Pa. Spaghetti dinner. Serial No. 384,537; Dec. 22. Class 46.

Laros Textiles Company, Bethlehem, Pa. Slips, gowns, dance sets, etc. Serial No. 380,578; Dec. 22. Class 39.

Lasser, John F., Chicago, Ill. Beverages and syrups, extracts, and flavors used in making the same. Serial No. 384,855; Dec. 22. Class 45.

Leggett, Francis H., & Company, New York, N. Y. Canned vegetable consomme. Serial No. 383,065; Dec. 22. Class 46.

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Les Parfums Chypron Societe Anonyme, Courbevoie/Seine, France. Shaving soap, toilet soap, glycerine soap, etc. Serial No. 383,537; Dec. 22. Class 4.

Lincoln, Edward K., New York, N. Y. Toy banks. Serial Nos. 385,442–3; Dec. 22. Class 22.

Lowenthal, Siegfried, Company, Cleveland, Ohio. Straight whiskey. Serial No. 385,414; Dec. 22. Class 49.

Lustig, Julius, doing business as Lustor Manufacturing Company, San Jose, Calif. Felt hat cleaner. Serial No. 378,870; Dec. 22. Class 4.

Lustor Manufacturing Company. (See Lustig, Julius.)

March of Fashion, Inc., New York, N. Y. Motion picture film. Serial No. 383,269; Dec. 22. Class 26.

Marlo Company, The. (See Case, Harold.)

Masterson, Howard, Burbank, Calif. Parking meter. Serial No. 379,278; Dec. 22. Class 26.

Meyers, Louis, & Son, Inc., New York, N. Y. Gloves. Serial No. 384,546; Dec. 22. Class 39.

Mineral Waters, Inc., Portland and Harrison, Maine. Bottled water. Serial No. 382,516; Dec. 22. Class 45.

Minute Foods Ltd., Los Angeles, Calif. Flavors for making punches and soft drinks. Serial No. 381,915; Dec. 22. Class 45.

Modern Merchandising Bureau, Inc., New York, N. Y. Women's, misses', and children's hats and caps, scarfs, shoes, etc. Serial No. 381,598; Dec. 22. Class 39.

Modess Corporation, The, New Brunswick, N. J. Cleansing and deodorizing preparation. Serial No. 374,893; Dec. 22. Class 6.

Mor-Pak Preserving Corporation, Stockton, Calif. Canned fruits. Serial No. 383,745; Dec. 22. Class 46.

Morrell, John, & Co., Ottumwa, Iowa. Horse and cow feed. Serial No. 384,297; Dec. 22. Class 46.

Motor Wheel Corporation, Lansing, Mich. Oil burners and oil burning heating stoves and cooking ranges. Serial No. 384,131; Dec. 22. Class 34.

Mouakad, John, New York, N. Y. Textile fabrics. Serial No. 383,069; Dec. 22. Class 42.

National Musical String Co., New Brunswick, N. J. Strings for banjos, etc. Serial No. 383,321; Dec. 22. Class 36.

National Packing Company, Isleton, Calif. Food products. Serial No. 384,758; Dec. 22. Class 46.

Neumann, Morton G., doing business as Valmor Products Co., Chicago, Ill. Toilet soap. Serial No. 380,786; Dec. 22. Class 4.

New England Retail Grain Dealers Co-operative Association, Springfield, Mass. Feeds for poultry and livestock. Serial No. 382,926; Dec. 22. Class 46.

Parker Brothers, Inc., Portland, Maine, and Salem, Mass. Game. Serial Nos. 385,232–4; Dec. 22. Class 22.

Passaic Woolflex Manufacturing Company, Paterson, N. J. Cut piece goods. Serial No. 384,862; Dec. 22. Class 42.

Payson Varnish Co., The, New York, N. Y. Paints, varnishes, paint enamels. Serial No. 383,404; Dec. 22. Class 16.

Pect-O Co., Inc., The, Seattle, Wash. Compound used in the preparation of liquid pectin. Serial No. 375,191; Dec. 22. Class 46.

Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Coats, suits, and dresses. Serial No. 384,975; Dec. 22. Class 39.

Pepperell Manufacturing Company, Boston, Mass. Textile fabrics. Serial No. 384,864; Dec. 22. Class 42.

Pierce-Arrow Motor Corporation, Buffalo, N. Y. Trailers. Serial No. 383,480; Dec. 22. Class 19.

Pompeian Company, Inc., The, Bloomfield, N. J. Rooling massage cream. Serial No. 384,010; Dec. 22. Class 6.

Pure Oil Company, The, Chicago, Ill. Top patches for automobiles, fan belts, hot patches, etc. Serial No. 372,992; Dec. 22. Class 35.

Pure Oil Company, The, Chicago, Ill. Batteries and battery cables. Serial No. 372,994; Dec. 22. Class 21.

Pure Oil Company, The, Chicago, Ill. Automobile radiator cleaning compound and preserver, compound for stopping leaks in automotive water cooling systems. Serial No. 372,995; Dec. 22. Class 6.

Register & Tribune Company, The, Des Moines, Iowa. Picture section of a newspaper. Serial No. 384,555; Dec. 22. Class 38.

Rice-Stix Dry Goods Co., St. Louis, Mo. Cotton piece goods. Serial No. 384,631; Dec. 22. Class 42.

Romero, George, doing business as Jacky Dog Remedies Co., New York, N. Y. Medicines for dogs and puppies. Serial No. 383,600; Dec. 22. Class 6.

Rosenau Bros. Inc., Philadelphia, Pa. Dresses, suits, rompers, etc. Serial No. 385,008; Dec. 22. Class 39.

Sachs-Lawlor Co., Denver, Colo. Metal seals. Serial No. 376,104; Dec. 22. Class 25.

St. James Realty & Department Store Company, doing business as Cohen Bros., Jacksonville, Fla. Shoes. Serial No. 384,051; Dec. 22. Class 39.

Sales Associates, Ltd., Los Angeles, Calif. Permanent wave admixtures. Serial No. 384,137; Dec. 22. Class 6.

Salis, Constantine N., doing business as Salis-Pit Co., Detroit, Mich. Herb preparation. Serial No. 384,052; Dec. 22. Class 6.

Schaller, Carleton, & Co., Inc., New York, N. Y. Linen. Serial No. 384,480; Dec. 22. Class 42.

Schaller, Carleton, & Co., Inc., New York, N. Y. Linen. Serial No. 384,482; Dec. 22. Class 42.

Schloss Bros. & Co., Inc., Baltimore, Md. Suits, coats, vests, etc. Serial No. 382,283; Dec. 22. Class 39.

Schloss Bros. & Co., Inc., Baltimore, Md. Suits, coats, vests, etc. Serial Nos. 382,285–6; Dec. 22. Class 39.

Schloss Bros. & Co., Inc., Baltimore, Md. Suits, coats, vests, etc. Serial No. 382,808; Dec. 22. Class 39.

Schreuders, Peter G., Tacoma, Wash. Device for measuring foods. Serial No. 383,859; Dec. 22. Class 26.

Scientific Oil Corporation, Indianapolis, Ind. Lubricating oil. Serial No. 374,909; Dec. 22. Class 15.

Selchow & Righter Company, New York, N. Y. Board games. Serial No. 385,539; Dec. 22. Class 22.

Simons, Walter R., Los Angeles, Calif. Building construction materials. Serial No. 368,958; Dec. 22. Class 12.

Slingerland, Arthur J., doing business as Chef's Choice Products Company, Chicago, Ill. Canned soup. Serial No. 383,419; Dec. 22. Class 46.

Snyder, Howard, Albion, Mich. Sauce for barbecued meats. Serial No. 384,677; Dec. 22. Class 46.

Southern Kraft Corporation, New York, N. Y. Wrapping paper, kraft paper. Serial No. 370,902; Dec. 22. Class 37.

Sox Miller, Inc., Philadelphia, Pa. Coats, trousers, vests, etc. Serial No. 384,810; Dec. 22. Class 39.

Standard Garment Company, Columbia, Pa., and New York, N. Y. Dresses. Serial No. 370,126; Dec. 22. Class 39.

Stanton Brewery, Inc., The, Troy, N. Y. Beer. Serial No. 384,766; Dec. 22. Class 48.

Strauss, B., M. & J., Ltd., London, England. German wines. Serial No. 384,143; Dec. 22. Class 47.

Street, R. R., & Co. Inc., Chicago, Ill. Cleaner for removal of soil and stains from textile fabrics. Serial No. 384,571; Dec. 22. Class 4.

Sturtevant, B. F., Company, Hyde Park, Boston, Mass. Conveying fans. Serial No. 384,144; Dec. 22. Class 23.

Swank Products, Inc. (See Baer & Wilde Company, The, assignor.)

Texas Harvest Hat Company, Laredo, Tex. Hats. Serial No. 376,148; Dec. 22. Class 39.

Toledo Glove Manufacturing Company, The, Toledo, Ohio. Gloves and gauntlets. Serial No. 380,892; Dec. 22. Class 39.

Tostadas Company, The, Dallas, Tex. Food product. Serial No. 363,773; Dec. 22. Class 46.

Triner, Joseph, Corporation, Chicago, Ill. Pineapple juice. Serial No. 383,333; Dec. 22. Class 45.

True Value Neckwear Company. (See Glaser, Samuel.)

United States Shoe Corporation, The, Cincinnati, Ohio. Shoes. Serial No. 384,060; Dec. 22. Class 39.

Valmor Products Co. (See Neumann, Morton G.)

Virginia Lens Co., Inc., Petersburg, Va. Ophthalmic lenses. Serial No. 383,966; Dec. 22. Class 26.

Walsh, Christy, doing business as The Christy Walsh Syndicate, New York, N. Y. Newspaper articles. Serial No. 382,080; Dec. 22. Class 38.

Walsh, Richard C., New York, N. Y. Barber's supplies. Serial No. 383,832; Dec. 22. Class 23.

Webster Electric Company, Racine, Wis. Speakers, amplifiers, microphones, etc. Serial No. 384,146; Dec. 22. Class 21.

Weltz, S., & Company, Inc., Cleveland, Ohio. Topcoats and overcoats. Serial No. 385,163; Dec. 22. Class 39.

Western Oregon Packing Corporation, Corvallis, Oreg. Canned fruits, berries, vegetables. Serial No. 381,738; Dec. 22. Class 46.

Westmoreland Oil & Gas Co. (See Edwards, Thomas.)

Wilbur-Suchard Chocolate Company, Lititz, Pa. Chocolate. Serial No. 383,413; Dec. 22. Class 46.

Wing, Nelle K., doing business as De Pew Chemical Company, Kansas City, Mo. Eye medicines. Serial No. 382,456; Dec. 22. Class 6.

Wise Shoe Company, Inc., New York, N. Y. Hosiery. Serial No. 384,639; Dec. 22. Class 39.

Wolf, John W., South Croydon, England. Card games. Serial No. 385,206; Dec. 22. Class 22.

Wolovnick & Nusblatt, New York, N. Y. Sheets and pillowcases. Serial No. 384,607; Dec. 22. Class 42.

Woolf, Preston G., doing business as The Buddie Co., Indianapolis, Ind. Chocolate flavored syrup. Serial No. 375,309; Dec. 22. Class 46.

Zeiss, Carl, Jena, Germany. Photographic, microphotographic, projecting, and microscope objectives. Serial No. 384,914; Dec. 22. Class 26.

Zeiss, Carl, Jena, Germany. Lenses, eyeglasses, reading glasses, etc. Serial No. 384,915; Dec. 22. Class 26.

LIST OF REGISTRANTS OF TRADE-MARKS

Abbotts Dairies, Incorporated, Philadelphia, Pa. Candy and ice cream. 341,829; Dec. 22; Serial No. 375,974; published Oct. 13, 1936. Class 46.

Abrams & Linden, Inc., New York, N. Y. Fur skins. 341,688; Dec. 22; Serial No. 376,709; published Oct. 6, 1936. Class 1.

Ajinomoto Honpo Kabushiki Kaisha Suzuki Shoten, Takara Machi, Kyobashi ku, Tokyo, Japan, assignor to S. Suzuki & Company of New York, Ltd., New York, N. Y. Seasoning. 341,824; Dec. 22; Serial No. 371,749; published Oct. 13, 1936. Class 46.

Aktieselskapet det Norske Fiskefilet Kompani, Trondheim, Norway. Canned fish. 341,813; Dec. 22; Serial No. 367,816; published Oct. 13, 1936. Class 46.

American Chain Company, Inc., Bridgeport, Conn. Chains. 341,766; Dec. 22; Serial No. 381,602; published Oct. 13, 1936. Class 13.

American Laundry, Providence, R. I. Letterheads, envelopes, blank billheads and statements, etc. 341,822; Dec. 22; Serial No. 373,768; published Oct. 6, 1936. Class 37.

American Optical Company, Southbridge, Mass. Instruments for testing eyes. 341,717; Dec. 22; Serial No. 381,059; published Oct. 13, 1936. Class 26.

Anglo-American Knit Industries, Inc., New York, N. Y. Underwear for men. 341,733; Dec. 22; Serial No. 379,175; published Oct. 6, 1936. Class 39.

Arden, Elizabeth, Inc., New York, N. Y. Reducing lotion. 341,853; Dec. 22. Class 6.

Arkansas City Flour Mills Co., The, Arkansas City, Kans. Wheat flour. 341,731; Dec. 22; Serial No. 379,071; published Oct. 13, 1936. Class 46.

Artcraft Silk Hosiery Mills, Inc., Philadelphia, Pa. Women's hosiery. 341,788; Dec. 22; Serial No. 381,473; published Oct. 6, 1936. Class 39.

Aseptic Products Company, assignor to Vadsco Sales Corporation, Long Island City, N. Y. Chemicals and pharmaceutical preparations. 115,475; renewed Feb. 20, 1937.

Atlas Brewing Company. (See Bartholomay Brewery Company, assignor.)

Austin Nichols & Co., Inc., Brooklyn, N. Y. Canned fruits, canned vegetables, canned fish, etc. 341,730; Dec. 22; Serial No. 378,773; published Oct. 13, 1936. Class 46.

Bare, D. M., Paper Company, The, Roaring Spring, Pa. Paper. 341,736; Dec. 22; Serial No. 379,415; published Sept. 15, 1936. Class 37.

Bare, D. M., Paper Company, The, Roaring Spring, Pa. English finish and super book paper. 341,737; Dec. 22; Serial No. 379,416; published Oct. 13, 1936. Class 37.

Barron, Jacob I., doing business as J. I. Barron Oil Company, Clarinda, Iowa. Gasoline, oils, and grease. 341,729; Dec. 22; Serial No. 355,958; published May 19, 1936. Class 15.

Bartholomay Brewery Company, Rochester, N. Y., assignor to Atlas Brewing Company, Chicago, Ill. Malt tonic. 114,053; renewed Nov. 21, 1936.

Bell Specialty Company. (See Kram, Benjamin.)

Bloomingdale Bros., Inc., New York, N. Y. Hosiery. 341,864; Dec. 22. Class 39.

Boonville Mills Company, Boonville, Mo. Cake flour. 341,714; Dec. 22; Serial No. 380,751; published Oct. 13, 1936. Class 46.

Bostonia Beverages, Inc., Natick, Mass. Maltless beverages and syrups, extracts, and flavors used in same. 341,820; Dec. 22; Serial No. 373,162; published Feb. 11, 1936. Class 45.

Botany Worsted Mills, Passaic, N. J. Yarns. 341,786–7; Dec. 22; Serial Nos. 381,521–2; published Oct. 6, 1936. Class 43.

Brach, E. J., & Sons, Chicago, Ill. Chocolates. 341,770; Dec. 22; Serial No. 381,657; published Oct. 13, 1936. Class 46.

Bree Cosmetics, Inc., doing business as Gibbs and Company, Chicago, Ill. Hair bleach. 341,850; Dec. 22. Class 6.

Buchsieb, E. G., Inc., Columbus, Ohio. Stock food. 341,832; Dec. 22; Serial No. 376,663; published Oct. 13, 1936. Class 46.

Burnett, Joseph, Company, Boston, Mass. Extracts used for flavoring feed. 116,191; renewed Apr. 10, 1937.

Burrington, Case & Gibson, Seattle, Wash. Canned fruits and vegetables. 341,698; Dec. 22; Serial No. 381,708; published Oct. 13, 1936. Class 46.

Burry Biscuit Corporation, Chicago, Ill. Biscuits, crackers and cookies. 341,834; Dec. 22. Class 46.

Canada Dry Ginger Ale, Incorporated, New York, N. Y., assignor to Canada Dry Ginger Ale, Incorporated. Soft drinks. 341,700–701; Dec. 22; Serial Nos. 382,619–20; published Oct. 13, 1936. Class 45.

Chicago Paper Company, Chicago, Ill. Writing paper, printing paper, ledger paper, etc. 341,707; Dec. 22; Serial No. 382,261; published Oct. 13, 1936. Class 37.

Cleveland Gasket and Mfg. Company, The, Cleveland, Ohio. Gaskets. 341,795; Dec. 22; Serial No. 382,341; published Oct. 19, 1936. Class 35.

Cleveland Welding Company, The, Cleveland, Ohio. Bicycles. 341,762; Dec. 22; Serial No. 381,559; published Oct. 13, 1936. Class 19.

Clifton Conduit Company, Inc., New York, N. Y. Tubing and fittings for the same used for conductors, bare armored ground wire, etc. 341,751; Dec. 22; Serial No. 382,088; published Oct. 13, 1936. Class 21.

Clinton Metallic Paint Company, New York, N. Y. Cement coloring material. 341,748; Dec. 22; Serial No. 380,550; published Oct. 13, 1936. Class 12.

Club Aluminum Products Co., Chicago, Ill. Aluminum domestic cooking hollow ware. 341,740; Dec. 22; Serial No. 379,736; published Oct. 13, 1936. Class 13.

Club Razor & Blade Manufacturing Corporation, Newark, N. J. Razor blades. 341,796; Dec. 22; Serial No. 382,342; published Oct. 13, 1936. Class 23.

Cocoa Works, The. (See Rowntree & Company, Limited.)

Coday Farms, Inc., New York, N. Y. Buttermilk. 341,683; Dec. 22; Serial No. 377,669; published Oct. 13, 1936. Class 46.

Collins Radio Company, Cedar Rapids, Iowa. Radio transmitting and receiving antennae. 341,846; Dec. 22. Class 21.

Colloidal Pigment Company, Inc., New York, N. Y. Cement coloring material. 341,749; Dec. 22; Serial No. 380,553; published Oct. 13, 1936. Class 12.

Colton Razor Blade Company, Boston, Mass. Safety razor blades. 341,772; Dec. 22; Serial No. 382,506; published Oct. 13, 1936. Class 23.

Conduit Fittings Corporation, Chicago, Ill. Electrical conduit fittings. 341,783; Dec. 22; Serial No. 381,476; published Oct. 13, 1936. Class 21.

Cone, Frederick H., & Company, Incorporated, New York, N. Y. Bristles, horse-hair, goat-hair, soft hairs, etc. 341,720–4; Dec. 22; Serial Nos. 365,688–92; published Oct. 13, 1936. Class 1.

Continental Pure Products Co. (See Polefsky, Jacob S.)

Cooney, Lee W., Lakewood, Ohio. Colloidal graphite for lubricating purposes. 341,800; Dec. 22; Serial No. 381,260; published Oct. 13, 1936. Class 15.

Craftplug Inc., New York, N. Y. Bolts and toggles. 341,672; Dec. 22; Serial No. 378,613; published Oct. 13, 1936. Class 13.

Craftplug Inc., New York, N. Y. Bolts and toggles. 341,734; Dec. 22; Serial No. 379,291; published Oct. 13, 1936. Class 13.

Crescent Portland Cement Company, Wampum, Pa., assignor to Medusa Portland Cement Company, Cleveland, Ohio. Portland cement. 341,685; Dec. 22; Serial No. 377,263; published Oct. 6, 1936. Class 12.

Curtiss Candy Company, The, Chicago, Ill. Candy. 341,713; Dec. 22; Serial No. 380,760; published Oct. 6, 1936. Class 46.

Delaware Mills, Inc., Deposit, N. Y. Live stock and poultry feeds. 341,738; Dec. 22; Serial No. 379,587; published Oct. 13, 1936. Class 46.

Denti-Set Corporation, Wilmington, Del. Tooth brushes. 341,826; Dec. 22; Serial No. 374,881; published Oct. 13, 1936. Class 29.

Deutsche Benzinuhren Ges m. b. H., Berlin, Germany. Flexible tubes. 341,801; Dec. 22; Serial No. 381,263; published Oct. 13, 1936. Class 35.

Diana Manufacturing Company, Green Bay, Wis. Paper sanitary napkins. 341,777; Dec. 22; Serial No. 382,206; published Oct. 13, 1936. Class 44.

Drake Electric Works, Inc., Chicago, Ill. Soldering irons. 341,811; Dec. 22; Serial No. 381,194; published Oct. 13, 1936. Class 23.

Dufold Malted Co. (See Hanten, Al J.)

Eagle-Picher Lead Company, The, Cincinnati, Ohio. Zinc oxide and leaded zinc oxide. 341,744–5; Dec. 22; Serial Nos. 380,194–5; published Oct. 13, 1936. Class 16.

Elvidge, Frank, doing business as Model Krafts Co., Washington, D. C. Toys. 341,792; Dec. 22; Serial No. 382,075; published Oct. 13, 1936. Class 22.

Engel, A. & J., Inc., New York, N. Y. Fur coats, fur capes, fur wraps, etc. 341,697; Dec. 22; Serial No. 381,714; published Oct. 6, 1936. Class 39.

Eustis, J. P., Manufacturing Company, Boston, to J. P. Eustis Manufacturing Company, Cambridge, Mass. successor. Medicine-cabinets. 116,209; renewed Apr. 17, 1937.

Everett and Barron Company, Providence, R. I. Shoe dressings. 341,856; Dec. 22. Class 4.

Everett and Barron Company, Providence, R. I. Preparation for cleaning shoes, slippers, gloves, etc. 341,858; Dec. 22. Class 4.

Fay-Miss Brassiere Co., Inc., New York, N. Y. Brassières, bandeaus, corsets, etc. 341,838; Dec. 22. Class 39.

Flint & Walling Mfg. Co., Kendallville, Ind. Windmills and parts thereof. 341,797; Dec. 22; Serial No. 382,351; published Oct. 13, 1936. Class 23.

Foodland, Inc., Cleveland, Ohio. Canned dog food. 341,785; Dec. 22; Serial No. 381,544; published Oct. 13, 1936. Class 46.

Frozen Confections, Inc., New York, N. Y. Sticks or handles for suckers. 341,726; Dec. 22; Serial No. 360,559; published Oct. 13, 1936. Class 13.

Fulton Co., The, to The Fulton Syphon Company, Knoxville, Tenn., successor. Hollow expansible and contractible corrugated tubular metal device. 112,883; renewed Oct. 3, 1936.

Furbish, Frederick A., Boston, Mass., to Frederick A. Furbish, Belgrade, Maine. Remedy for use internally and externally for treatment of colds and ailments caused thereby. 113,713; renewed Oct. 31, 1936.

General Armature Corporation, Chicago, Ill. Armatures. 341,754; Dec. 22; Serial No. 382,471; published Oct. 13, 1936. Class 21.

General Fireproofing Co., The, Youngstown, Ohio. Filing cabinets. 341,802; Dec. 22; Serial No. 381,269; published Oct. 13, 1936. Class 32.

Gibbs and Company. (See Bree Cosmetics, Inc.)

Goetz, M. K., Brewing Co., St. Joseph, Mo. Beer. 115,080–1; renewed Jan. 23, 1937.

Golden Glint Co., Inc., Seattle, Wash. Liquid shampoo. 341,855; Dec. 22. Class 6.

Goldstein & Milberg, Inc., New York, N. Y. Ladies' coats and dresses. 341,706; Dec. 22; Serial No. 382,269; published Oct. 6, 1936. Class 39.

Goodrich, B. F., Company, The, New York, N. Y. Pneumatic tires. 113,376; renewed Oct. 17, 1936.

Grayhurst, A. E., Tampa, Fla. Cigars. 341,812; Dec. 22; Serial No. 381,203; published Oct. 6, 1936. Class 17.

Gross, A., Candle Company, Inc., Baltimore, Md. Candles, votive, sanctuary, and tabernacle lights. 341,682; Dec. 22; Serial No. 378,074; published Oct. 6, 1936. Class 15.

Gutmann, Jesse, doing business as The Thred-Dit Company, assignor to Thred-Dit Inc., Brooklyn, N. Y. Metal threads. 341,803; Dec. 22; Serial No. 381,838; published Oct. 13, 1936. Class 14.

Hall Hardware Company, Minneapolis, Minn. Asbestos plastic cement and asphaltic lap cement. 341,760; Dec. 22; Serial No. 381,940; published Oct. 6, 1936. Class 12.

Halsco Company. (See Smith, Harry A.)

Hanten, Al J., doing business as Dufold Malted Co., St. Paul, Minn. Preparations for making food drinks. 341,818; Dec. 22; Serial No. 372,598; published Feb. 25, 1936. Class 46.

Hatleigh, Inc., New York, N. Y. Cloth and woven straw, grass or paper in the piece. 341,763; Dec. 22; Serial No. 381,562; published Oct. 13, 1936. Class 42.

Hawkins, Luty, doing business as Hawkins Million Dollar Hen, Mount Vernon, Ill. Electrically heated brooders and parts thereof. 341,693; Dec. 22; Serial No. 381,763; published Oct. 13, 1936. Class 50.

Hewitt Rubber Corporation, Buffalo, N. Y. Hose. 341,790; Dec. 22; Serial No. 381,365; published Oct. 13, 1936. Class 35.

Hewitt Rubber Corporation, Buffalo, N. Y. Belting. 341,791; Dec. 22; Serial No. 381,364; published Oct. 13, 1936. Class 35.

Hirsch, L., & Sons Inc., Brooklyn, N. Y. Nurses' uniforms. 341,728; Dec. 22; Serial No. 357,952; published Oct. 6, 1936. Class 39.

Holbrook, David M., assignor to Master Incubator Company, Portland, Oreg. Incubators and brooders. 113,736; renewed Oct. 31, 1936.

Holeproof Hosiery Co., Milwaukee, Wis. Hosiery. 341,804; Dec. 22; Serial No. 381,840; published Oct. 6, 1936. Class 39.

Horwood, E. H., & Co., Hoboken, N. J., and New York, N. Y. Wearing-apparel. 113,589; renewed Oct. 24, 1936.

Hotel Waldorf-Astoria Corporation, New York, N. Y. Coffee. 341,830; Dec. 22; Serial No. 376,210; published Oct. 13, 1936. Class 46.

Howlett & Hockmeyer Co., Inc., New York, N. Y. Pile fabrics. 341,686; Dec. 22; Serial No. 377,156; published Oct. 13, 1936. Class 42.

I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Lacquers. 341,758; Dec. 22; Serial No. 381,314; published Oct. 13, 1936. Class 16.

Idaho Canning Company, Fayette, Idaho. Canned vegetables. 341,840; Dec. 22. Class 46.

Illinois Testing Laboratories, Inc., Chicago, Ill. Pyrometers, thermo-couples, thermometers, etc. 341,746; Dec. 22; Serial No. 380,280; published Oct. 13, 1936. Class 23.

Inland Milling Company, Des Moines, Iowa. Wheat flour. 341,764; Dec. 22; Serial No. 381,565; published Oct. 13, 1936. Class 46.

International Shoe Co., St. Louis, Mo. Shoes. 341,849; Dec. 22. Class 39.

Interstate Meal Products Co., Chicago, Ill. Metal air moisteners, metal kitchen cabinets, metal wardrobe cabinets, etc. 341,755; Dec. 22; Serial No. 382,473; published Oct. 13, 1936. Class 32.

Island Creek Coal Sales Company, Cincinnati, Ohio. Coal. 341,756; Dec. 22; Serial No. 382,475; published Oct. 13, 1936. Class 1.

Island Creek Coal Sales Company, Cincinnati, Ohio. Coal. 341,775; Dec. 22; Serial No. 382,476; published Oct. 13, 1936. Class 1.

Jacques, William H., Prescott, Wis. Seed corn. 341,684; Dec. 22; Serial No. 377,464; published Oct. 13, 1936. Class 1.

Jam Handy Picture Service, Inc., Detroit, Mich. Automobile vehicles equipped with motion picture and sound projection outfits. 341,836; Dec. 22. Class 26.

Johns, Robert I., doing business as Johns and Stevenson, assignor to Janet S. Johns, Brooklyn, N. Y. Glass reflectors. 341,778; Dec. 22; Serial No. 382,193; published Oct. 13, 1936. Class 34.

Joseph & Feiss Company, The, Cleveland, Ohio. Men's clothing. 341,848; Dec. 22. Class 39.

Kovar, Jos. J., Co., Inc., Owatonna, Minn. Spring tooth harrows, field cultivators, quack grass diggers, etc. 341,833; Dec. 22. Class 23.

Kram, Benjamin, doing business as Bell Specialty Company, Malverne, Long Island, N. Y. Prophylactic rubber articles. 341,696; Dec. 22; Serial No. 381,721; published Oct. 13, 1936. Class 44.

Krischer Trading Corp., New York, N. Y. Sectional cigarette cases. 341,805; Dec. 22; Serial No. 381,842; published Oct. 6, 1936. Class 8.

Lambertville Rubber Company, to Lambertville Rubber Company, Inc., successor, Lambertville, N. J. Rubber boots and rubber shoes. 115,982; renewed Mar. 20, 1937.

La Rosa, Joseph, & Sons, Modesto, Calif. Fresh deciduous fruits, fresh grapes. 341,779; Dec. 22; Serial No. 382,150; published Oct. 13, 1936. Class 46.

La Touraine Coffee Co., Boston, Mass. Coffee. 341,845; Dec. 22. Class 46.

Leader Distributing Co. (See Moffat, H., Co.)

Leggett, Francis H., & Company, New York, N. Y. Canned creamed tuna fish. 341,863; Dec. 22. Class 46.

Leonardi, S. B., & Co., Inc. (See Swartley, Harry M., assignor.)

Leupold, Volpel & Company, Portland, Oreg. Information bulletins. 341,678; Dec. 22; Serial No. 378,145; published Oct. 13, 1936. Class 38.

Lewis, Hubbard & Company, doing business as Salatang Kitchens, Charleston, W. Va. Salad dressing. 341,798; Dec. 22; Serial No. 381,211; published Oct. 13, 1936. Class 46.

Life Savers, Inc. (See Mint Products Company, assignor.)

Little Mistress Togs, Inc., New York, N. Y. Children's apparel. 341,692; Dec. 22; Serial No. 381,771; published Oct. 6, 1936. Class 39.

Lowe, Joe, Corporation, New York, N. Y. Sticks or handles for suckers. 341,727; Dec. 22; Serial No. 360,415; published Oct. 13, 1936. Class 13.

Marshall-Wells Company, Duluth, Minn. Bathtubs, lavatories, closets, etc. 341,767; Dec. 22; Serial No. 381,627; published Oct. 13, 1936. Class 13.

Martindale, Ralph, & Co., Limited. (See Mole, Robt., & Sons, assignor.)

Martini & Rossi, Turin, Italy, assignor, by mesne assignments, to W. A. Taylor & Co., Inc., New York, N. Y. Vermuth. 114,260; renewed Dec. 5, 1936.

Master Incubator Company. (See Holbrook, David M., assignor.)

McNamara, Michael, Varnish Works, to Michael McNamara Varnish Works, Inc., Detroit, Mich., successor. Paint. 113,103; renewed Oct. 10, 1936.

McNamara, Michael, Varnish Words, to Michael McNamara Varnish Works, Inc., Detroit, Mich., successor. Varnish. 113,104–5; renewed Oct. 10, 1936.

McNamara, Michael, Varnish Works to Michael McNamara Varnish Works, Inc., Detroit, Mich., successor. Varnish. 113,605; renewed Oct. 24, 1936.

Medusa Portland Cement Company. (See Crescent Portland Cement Company, assignor.)

Micari, Charles, Chicago, Ill. Liquid hair shampoo. 341,843; Dec. 22. Class 6.

Mint Products Company, Incorporated, New York, assignor to Life Savers, Inc., Port Chester, N. Y. Chewing-gum, candy, sweetmeats, and confections. 115,650; renewed Feb. 27, 1937.

Mint Products Company, Incorporated, New York, assignor to Life Savers, Inc., Port Chester, N. Y. Chewing gum, candy, sweetmeats, etc. 115,895; renewed Mar. 20, 1937.

Model Krafts Co. (See Elvidge, Frank.)

Moffat, H., Co., doing business as Leader Distributing Co., San Francisco, Calif. Canned dog and cat food. 341,704; Dec. 22; Serial No. 382,318; published Oct. 13, 1936. Class 46.

Mogar Coffee Co., Inc., Brooklyn, N. Y. Coffee. 341,823; Dec. 22; Serial No. 373,966; published Oct. 13, 1936. Class 46.

Mole, Robt., & Sons, assignor to Ralph Martindale & Co., Limited, Birmingham, England. Sword-blades, matchets, and matchet-knives. 115,005; renewed Jan. 16, 1937.

Monarch Manufacturing Company, Atlanta, Ga. Beverages, and sirups and extracts for making the same. 341,771; Dec. 22; Serial No. 382,566; published Oct. 13, 1936. Class 45.

National Food Products Co., Inc., doing business as Semola Macaroni Co., New Orleans, La. Alimentary pastes. 341,710; Dec. 22; Serial No. 380,956; published Oct. 13, 1936. Class 46.

National Lighting Company, The, Arkansas City, Kans. Chemical composition used as a fuel. 341,837; Dec. 22. Class 6.

Nelson, Oscar F., Chicago, Ill. Medicated corn plasters. 341,854; Dec. 22. Class 6.

Neptune Mfg. Co., The, Louisville, Ky. Overcoats. 341,827; Dec. 22; Serial No. 375,221; published Oct. 6, 1936. Class 39.

Niagara Blower Company, Buffalo, N. Y. Air conditioning systems; fans, heaters, etc. 341,839; Dec. 22. Class 34.

Niles-Bement-Pond Company, Hartford, Conn. Metal cutting tools. 341,774; Dec. 22; Serial No. 382,484; published Oct. 13, 1936. Class 23.

Nineteen Hundred Washer Company, The, by consolidation to Nineteen Hundred Corporation, Binghamton, N. Y. Laundry-washing machines. 114,533; renewed Dec. 19, 1936.

Northland Ski Manufacturing Co., St. Paul, Minn. Skees and binders therefor, toboggans, and sleds. 113,623; renewed Oct. 24, 1936.

Northwestern Barb Wire Company, Sterling, Ill. Woven wire fencing, nails, bale ties, etc. 341,673–4; Dec. 22; Serial No. 378,581–2; published Oct. 13, 1936. Class 13.

Olde Homesteade Products Co., Ltd., Los Angeles, Calif. Sassafras beverage used as a mixer. 341,817; Dec. 22; Serial No. 370,625; published Oct. 13, 1936. Class 45.

Orange-Crush Company, Chicago, Ill. Beverage and syrups for making the same. 113,902; renewed Nov. 7, 1936.

Pallares, Fernando, S. A., Tortosa and Barcelona, Spain. Olive oil. 341,765; Dec. 22; Serial No. 381,575; published Oct. 13, 1936. Class 46.

Palumbo Cigar Co., Inc., New York, N. Y. Cigars packed in boxes. 341,716; Dec. 22; Serial No. 381,080; published Oct. 13, 1936. Class 17.

Pendergast, T. J., Wholesale Liquor Co., Kansas City, Mo. Whiskey, gin, rum, etc. 341,699; Dec. 22; Serial No. 383,031; published Oct. 13, 1936. Class 49.

Peninsular Paint & Varnish Co., Detroit, Mich. Paints, paint enamels, lacquers, etc. 341,861; Dec. 22. Class 16.

Pier Equipment Manufacturing Co., Benton Harbor, Mich. Electrical welding equipment. 341,799; Dec. 22; Serial No. 381,216; published Oct. 13, 1936. Class 21.

Pine Top Poultry Farms, Inc., Tamworth, N. H. Live and dressed poultry, eggs, hatching eggs, etc. 341,712; Dec. 22; Serial No. 380,791; published Oct. 13, 1936. Class 46.

Polefsky, Jacob S., doing business as Continental Pure Products Co., Jersey City, N. J. Whiskeys, brandies, gins, etc. 341,842; Dec. 22. Class 49.

Polefsky, Jacob S., doing business as Continental Pure Products Co., Jersey City, N. J. Whiskeys, brandies, gins, etc. 341,844; Dec. 22. Class 49.

Polefsky, Jacob S., doing business as Continental Pure Products Co., Jersey City, N. J. Whiskeys, brandies, gins, etc. 341,860; Dec. 22. Class 49.

Popsicle Corporation of the United States, The, New York, N. Y. Sticks and/or handles for suckers. 341,719; Dec. 22; Serial No. 366,638; published Oct. 13, 1936. Class 13.

Poultry Products, Inc., Ogden, Utah. Dressed poultry and eggs. 341,681; Dec. 22; Serial No. 378,093; published Oct. 6, 1936. Class 46.

Pratt Industries, Inc., Frankfort, N. Y. Outlet boxes and covers therefor. 341,773; Dec. 22; Serial No. 382,487; published Oct. 13, 1936. Class 21.

Procter & Gamble Company, The, Cincinnati, Ohio. Vegetable concentrate. 341,810; Dec. 22; Serial No. 381,134; published Oct. 13, 1936. Class 46.

Reichman, Florence, Inc., New York, N. Y. Women's and misses' hats and caps. 341,862; Dec. 22. Class 39.

Reliable Coal & Mining Co., Chicago, Ill. Coal. 341,743; Dec. 22; Serial No. 380,019; published Oct. 13, 1936. Class 1.

Rhine-Craft Company, Brooklyn, N. Y. Jewelry. 341,831; Dec. 22; Serial No. 376,493; published Sept. 29, 1936. Class 28.

Rock-Ola Manufacturing Corporation, Chicago, Ill. Coin-controlled amusement device. 341,709; Dec. 22; Serial No. 382,003; published Oct. 13, 1936. Class 22.

Rosing-Cohn Corp., New York, N. Y. Ladies' coats. 341,689; Dec. 22; Serial No. 381,820; published Oct. 6, 1936. Class 39.

Ross Seed Company, The, Wichita, Kans. Seeds. 341,732; Dec. 22; Serial No. 379,167; published Oct. 13, 1936. Class 1.

Rowntree & Company, Limited, doing business as The Cocoa Works, York, England. Chocolate for eating. 341,789; Dec. 22; Serial No. 381,378; published Oct. 13, 1936. Class 46.

Rubber-Gel Products Corporation, North Quincy, Mass. Rubber syringes. 341,750; Dec. 22; Serial No. 382,060; published Oct. 13, 1936. Class 44.

Rust Craft Publishers, Inc., Boston, Mass. Greeting cards. 341,828; Dec. 22; Serial No. 375,815; published Oct. 13, 1936. Class 38.

Safeway Products Corporation, New York, N. Y. Transparent cellulose. 341,742; Dec. 22; Serial No. 379,975; published Oct. 6, 1936. Class 1.

St. George Textile Corporation, New York, N. Y. Rayon, cotton, and wool piece goods. 341,703; Dec. 22; Serial No. 382,574; published Oct. 13, 1936. Class 42.

St. Mary's Mill Co., Saint Marys, Mo. Wheat-flour. 113,637–9; renewed Oct. 24, 1936.

St. Mary's Mill Co., Saint Marys, Mo. Self-rising flour. 113,640–3; renewed Oct. 24, 1936.

Saks & Company, New York, N. Y. Dresses, knitted suits, and coats. 341,691; Dec. 22; Serial No. 381,784; published Oct. 6, 1936. Class 39.

Salatang Kitchens. (See Lewis, Hubbard & Company.)

Sandusky Wineries, Inc., Sandusky, Ohio. Wines. 341,776; Dec. 22; Serial No. 382,243; published Oct. 13, 1936. Class 47.

Schlichte, H. W., Steinhagen, Germany. Gin. 341,809; Dec. 22; Serial No. 381,087; published Oct. 13, 1936. Class 49.

Schmidt, Arthur O., Co., The, Boston, Mass. Printed books and musical works. 115,231; renewed Jan. 30, 1937.

Scholl Mfg. Co., Inc., The, Chicago, Ill. Arch supporters. 341,808; Dec. 22; Serial No. 381,920; published Oct. 13, 1936. Class 44.

Schutter-Johnson Candy Corporation, Chicago, Ill. Candy. 341,816; Dec. 22; Serial No. 369,141; published Oct. 13, 1936. Class 46.

Schwarze Electric Company, Adrian, Mich. Audible electric calling equipment. 341,677; Dec. 22; Serial No. 378,290; published Oct. 13, 1936. Class 21.

Scott, Clyde, East Orange, N. J. Films consisting of a moisture and air repellent composition. 341,815; Dec. 22; Serial No. 368,581; published Oct. 6, 1936. Class 50.

Scott, O. M., & Sons Company, The, Marysville, Ohio. Seeds. 341,690; Dec. 22; Serial No. 381,786; published Oct. 13, 1936. Class 1.

Scott, O. M., & Sons Company, The, Marysville, Ohio. Periodicals. 341,780; Dec. 22; Serial No. 382,139; published Oct. 13, 1936. Class 38.

Scott, O. M., & Sons Company, The, Marysville, Ohio. Fertilizer. 341,806; Dec. 22; Serial No. 381,851; published Oct. 13, 1936. Class 10.

Sears, Roebuck and Co., Chicago, Ill. Electric fans. 341,711; Dec. 22; Serial No. 380,887; published Oct. 13, 1936. Class 21.

Sears, Roebuck and Co., Chicago, Ill. Housedresses, aprons, and wrap-around dresses. 341,814; Dec. 22; Serial No. 368,459; published Oct. 6, 1936. Class 39.

Sears, Roebuck and Co., Chicago, Ill. Flashlights, lanterns, and searchlights. 341,825; Dec. 22; Serial No. 374,803; published Oct. 13, 1936. Class 21.

Semola Macaroni Co. (See National Food Products Co., Inc.)

Shell Oil Company, San Francisco, Calif. Lubricating oil. 341,741; Dec. 22; Serial No. 379,850; published Sept. 29, 1936. Class 15.

Slasting, Arthur E., Eau Claire, Wis. Dresses and smocks. 341,739; Dec. 22; Serial No. 379,640; published Oct. 6, 1936. Class 39.

Smith, Harry A., doing business as Halsco Company, Los Angeles, Calif. Automobile house trailers. 341,676; Dec. 22; Serial No. 378,374; published Sept. 8, 1936. Class 19.

Smith, Jos. W., & Sons, New York, N. Y. Topcoats, overcoats, and suits. 341,851; Dec. 22. Class 39.

Snavely, Parke D., Los Angeles, Calif. Air conditioners. 341,671; Dec. 22; Serial No. 378,677; published Oct. 13, 1936. Class 34.

Snow King Baking Powder Co., The, Cincinnati, Ohio. Baking powder. 341,782; Dec. 22; Serial No. 381,429; published Oct. 13, 1936. Class 46.

Societe of Chemical Industry in Basle, Basel, Switzerland. Pharmaceutical product. 113,816; renewed Oct. 31, 1936.

Societe of Chemical Industry in Basle, Basel, Switzerland. Pharmaceutical product. 113,919; renewed Nov. 7, 1936.

Sonotone Corporation, New York, N. Y. Hearing-aid devices and acoustic elements and accessories thereof. 341,702; Dec. 22; Serial No. 382,580; published Oct. 13, 1936. Class 44.

Southern Biscuit Company, Incorporated, Richmond, Va. Biscuits. 341,695; Dec. 22; Serial No. 381,731; published Oct. 13, 1936. Class 46.

Southern Cotton Oil Company, The, Jersey City, N. J.; Savannah, Ga.; Bayonne, N. J.; New Orleans, La.; and New York, N. Y., to The Southern Cotton Oil Company, New Orleans, La. Vegetable oil used for food purposes. 115,681; renewed Feb. 27, 1937.

Sparklets Corporation, New York, N. Y. Bulbs or capsules for containing compressed or liquefied gas. 341,694; Dec. 22; Serial No. 381,733; published Oct. 13, 1936. Class 2.

Staley Milling Company, Kansas City, Mo. Milled grain products and preparations thereof. 341,669; Dec. 22; Serial No. 378,717; published Oct. 13, 1936. Class 46.

Standard Novelty Works, Duncannon, Pa. Coasting sleds. 113,165; renewed Oct. 10, 1936.

Stephens, W. E., Mfg. Co., Inc., Nashville, Watertown and Pulaski, Tenn. Work shirts. 341,768; Dec. 22; Serial No. 381,643; published Oct. 6, 1936. Class 39.

Strickler, Frank D., doing business as Waxene Products Company, Wichita, Kans. Powdered material for absorbing oils and greases. 341,735; Dec. 22; Serial No. 379,405; published Oct. 6, 1936. Class 1.

Strouse-Baer Company, Inc., The, Baltimore, Md. Children's wash suits. 341,847; Dec. 22. Class 39.

Sun-Cleer Hosiery Stores, Inc., Boston, Mass. Women's hosiery and underwear. 341,670; Dec. 22; Serial No. 378,684; published Oct. 6, 1936. Class 39.

Suzuki, S., & Company of New York, Ltd. (See Ajinomoto Honpo Kabushiki Kaisha Suzuki Shoten.)

Swartley, Harry M., Charleston, S. C., assignor to S. B. Leonardi & Co., Inc., New Rochelle, N. Y. Eczema remedies. 113,922; renewed Nov. 7, 1936.
Sweeper-Vac Company, The, Worcester, Mass. Vacuum cleaners. 341,715; Dec. 22; Serial No. 380,680; published Oct. 13, 1936. Class 23.
Tappan Stove Company, The, Mansfield, Ohio. Stoves and ranges and parts thereof. 341,769; Dec. 22; Serial No. 381,646; published Oct. 13, 1936. Class 34.
Taylor Bedding Manufacturing Company, Taylor, Tex. Innerspring mattresses. 341,753; Dec. 22; Serial No. 382,451; published Oct. 13, 1936. Class 32.
Taylor, W. A., & Co. Inc. (See Martini & Rossi, assignor.)
Thompson Materials Corporation, New York, N. Y. Ice and snow melting preparations. 341,852; Dec. 22. Class 6.
Thred-Dit Company, The. (See Gutmann, Jesse.)
Ticker Publishing Company, New York, N. Y. Magazine section. 341,675; Dec. 22; Serial No. 378,541; published Oct. 13, 1936. Class 38.
Tingue, Brown & Co., New York, N. Y. Apron canvas. 341,759; Dec. 22; Serial No. 381,344; published Oct. 13, 1936. Class 42.
Tingue, Brown & Co., New York, N. Y. Apron canvas. 341,761; Dec. 22; Serial No. 381,346; published Oct. 13, 1936. Class 42.
Tourraine Food Products, Inc., Los Angeles, Calif. Preparation to be combined with oil and vinegar to make a French dressing. 341,784; Dec. 22; Serial No. 381,538; published Oct. 13, 1936. Class 46.
Trabert & Hoeffer Inc., New York, N. Y. Diamonds and precious stones. 341,680; Dec. 22; Serial No. 378,101; published Aug. 18, 1936. Class 28.
Trifari, Krussman and Fishel, Inc., New York, N. Y. Jewelry. 341,757; Dec. 22; Serial No. 381,292; published Oct. 6, 1936. Class 28.
Tugwell & Wiseman, Inc., Modeltown, N. Y. Canned peas. 341,708; Dec. 22; Serial No. 382,248; published Oct. 13, 1936. Class 46.
Twin City Lumber & Shingle Company, St. Paul, Minn. Wooden shingles. 341,807; Dec. 22; Serial No. 381,885; published Oct. 13, 1936. Class 12.
Union Paper & Twine Company, The, Cleveland, Ohio. Wrapping and printing paper. 112,235; renewed Aug. 22, 1936.
United Drug Company, Boston, Mass. Tooth paste. 341,835; Dec. 22. Class 6.
Vadsco Sales Corporation. (See Aseptic Products Company, assignor.)
Vapor-Gas Company, The, Vining, Minn. Pile medicine. 341,857; Dec. 22. Class 6.
Varnish. Michael McNamara Varnish Works. 113,104–5; renewed Oct. 10, 1936.
Veldown Company, Inc., New York, N. Y. Cleansing tissues. 341,725; Dec. 22; Serial No. 364,032; published June 18, 1935. Class 37.
Vimpep Foods, Inc., Cambridge, Md. Canned dog food. 341,793; Dec. 22; Serial No. 382,330; published Oct. 13, 1936. Class 46.
Wabash Appliance Corp., Brooklyn, N. Y. Incandescent lamps or bulbs. 341,747; Dec. 22; Serial No. 380,432; published Oct. 13, 1936. Class 21.
Wattles, Frank E., Inc., Buffalo, N. Y. Eggs. 341,794; Dec. 22; Serial No. 382,331; published Oct. 13, 1936. Class 46.
Waxene Products Company. (See Strickler, Frank D.)
Webb, A. M., & Co., Inc., New York, N. Y. Underwear, hosiery, bathing suits, etc. 341,679; Dec. 22; Serial No. 378,103; published Oct. 6, 1936. Class 39.
Western Auto Supply Company, Kansas City, Mo. Spark plugs and spark plug porcelains. 341,752; Dec. 22; Serial No. 382,405; published Oct. 13, 1936. Class 21.
White Hall Sewer Pipe and Stoneware Company, The, White Hall, Ill. Pottery. 341,821; Dec. 22; Serial No. 373,402; published Oct. 13, 1936. Class 30.
Wilbert Products Co., Inc., New York, N. Y. Furniture polish and floor wax. 341,819; Dec. 22; Serial No. 372,700; published Oct. 13, 1936. Class 16.
Williams, R. C., & Company, assignor to R. C. Williams & Company, Inc., New York, N. Y. Mayonnaise dressing. 115,712; renewed Feb. 27, 1937.
Wilson & Rogers, Inc., Chicago, Ill. Canned fruits, vegetables, meats, etc. 341,718; Dec. 22; Serial No. 381,012; published Oct. 13, 1936. Class 46.
Winne & Sutch Company, Los Angeles, Calif. Bleached and unbleached cheesecloth. 341,687; Dec. 22; Serial No. 376,828; published Oct. 13, 1936. Class 42.
Wolverine Knitting Mills, Bay City, Mich. Underwear, pajamas, slips, etc. 341,781; Dec. 22; Serial No. 382,015; published Oct. 6, 1936. Class 39.
Wright, John, (London) Limited, London, England. Dog foods. 341,705; Dec. 22; Serial No. 382,298; published Oct. 13, 1936. Class 46.
Wróblewski, David, New York, to David Wroblewski, Brooklyn, N. Y. Liniment. 115,132; renewed Jan. 23, 1937.
Young's Merchandising Corporation, New York, N. Y. Men's hats and caps. 341,841; Dec. 22. Class 39.

LIST OF REGISTRANTS OF LABELS

American Beauty Five, Nashville, Tenn. A-B Five, Poultry, Hog, and Live Stock Preparations. For Poultry, Hog, and Live Stock Preparations. 48,571; Dec. 22.
Anderson, E. O., & Co., San Diego, Calif. Shontex. For a Preparation for the Hair and Scalp. 48,572; Dec. 22.
Borgfeldt, Geo., & Co., New York, N. Y., assignor to Georg Dralle, Hamburg and Altona-on-the-Elbe, Germany. Lily of the Valley Illusion. For Perfumery. 15,054; renewed Aug. 24, 1937.
Borgfeldt, Geo., & Co., New York, N. Y., assignor to Georg Dralle, Hamburg and Altona-on-the-Elbe, Germany. Rose Illusion. For Perfumery. 15,055; renewed Aug. 24, 1937.
Borgfeldt, Geo., & Co., New York, N. Y., assignor to Georg Dralle, Hamburg and Altona-on-the-Elbe, Germany. Violet Illusion. For Perfumery. 15,056; renewed Aug. 24, 1937.
Borgfeldt, Geo., & Co., New York, N. Y., assignor to Georg Dralle, Hamburg and Altona-on-the-Elbe, Germany. Narcisse Illusion. For Perfumery. 15,059; renewed Aug. 31, 1937.
Brick, Anna I., San Francisco, Calif. Flower Glue. For Glue. 48,573;; Dec. 22.
Burgess Battery Company, Freeport, Ill. Burgess Jiggers Soldering Caps. For Soldering Caps. 48,574; Dec. 22.
Burry Biscuit Corporation, Linden, N. J. Burry's Cocoanut Pixies. For Biscuits. 48,575; Dec. 22.
Charles, Webb R., Wichita, Kans. Mrs. Charles' Handy Clothes Pin Bag. For Clothes-Pin Bags Which Slide on Clothes Lines. 48,576; Dec. 22.
Clayton, A. C., Printing Co., St. Louis, Mo. Fashionable Footwear. For Footwear. 48,577; Dec. 22.
Clayton, A. C., Printing Co., St. Louis, Mo. Exclusive Footwear. For Footwear. 48,579; Dec. 22.
Clayton, A. C., Printing Co., St. Louis, Mo. Footwear of Quality. For Footwear. 48,578; Dec. 22.
Clayton, A. C., Printing Co., St. Louis, Mo. Fine Footwear. For Footwear. 48,580; Dec. 22.
Clayton, A. C., Printing Co., St. Louis, Mo. Shoes of Distinction. For Shoes. 48,581; Dec. 22.
Clayton, A. C., Printing Co., St. Louis, Mo. Exquisite Footwear. For Footwear. 48,582; Dec. 22.
Clayton, A. C., Printing Co., St. Louis, Mo. Shoes for Debutantes. For Shoes. 48,583; Dec. 22.
Clayton, A. C., Printing Co., St. Louis, Mo. John Taylor's—Just a Step Ahead on Petticoat Lane. For Footwear. 48,584; Dec. 22.
Clayton, A. C., Printing Co., St. Louis, Mo. J. B. Ivey & Co. Fashionable Footwear. For Footwear. 48,585; Dec. 22.
Collyrium Incorporated, New York, N. Y. I-Klear Collyrium Eye Salve. For An Eye Salve for Red-Granular Lids. 48,586; Dec. 22.
Diana Manufacturing Company, Green Bay, Wis. Pellin Embossed Napkins. For Embossed Napkins. 48,587; Dec. 22.
Dralle, Georg. (See Borgfeldt, Geo., & Co., assignor.)
Fourco Glass Company, Clarksburg, W. Va. Clearlite. For Window Glass. 48,588; Dec. 22.
Gilbert, A. C., Company, The, New Haven, Conn. Gilbert Chemistry Outfit. For Chemistry Outfits. 48,589; Dec. 22.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Sunical Fruit Cocktail. For Fruit Cocktail. 48,590; Dec. 22.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Sunical Sliced Yellow Cling Peaches. For Sliced Yellow Cling Peaches. 48,591; Dec. 22.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Sunical Bartlett Pears. For Bartlett Pears. 48,592; Dec. 22.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Hearst Ranch Brand Fancy Fruits for Salad. For Fancy Fruits for Salad. 48,593; Dec. 22.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Modern Pak Luscious Whole Peeled Apricots. For Whole Peeled Apricots. 48,594; Dec. 22.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Modern Pak Luscious Apricots. For Apricots. 48,595; Dec. 22.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Modern Pak Luscious Sliced Peaches. For Sliced Peaches. 48,596; Dec. 22.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Modern Pak Luscious Halved Peaches. For Halved Peaches. 48,597; Dec. 22.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Modern Pak Luscious Fruit Cocktail. For Fruit Cocktail. 48,598; Dec. 22.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Hearst Ranch Brand Fancy Fruit Cocktail. For Fancy Fruit Cocktail. 48,599; Dec. 22.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Apron Strings Sliced California Yellow Cling Peaches. For Sliced Yellow Cling Peaches. 48,600; Dec. 22.

Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Apron Strings Halved California Yellow Cling Peaches. For Halved California Yellow Cling Peaches. 48,601; Dec. 22.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Rural Gold Fruits for Salad. For Fruits for Salad. 48,602; Dec. 22.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Rural Gold Fruit Cocktail. For Fruit Cocktail. 48,603; Dec. 22.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Rural Gold Halved Bartlett Pears. For Halved Bartlett Pears. 48,604; Dec. 22.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Hearst Brand Fancy Halved Barlett Pears. For Fancy Halved Bartlett Pears. 48,605; Dec. 22.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Hearst Ranch Brand Fancy Sliced Peaches. For Fancy Sliced Peaches. 48,606; Dec. 22.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Hearst Brand Hawaiian Fancy Sliced Pineapple. For Hawaiian Fancy Sliced Pineapple. 48,607; Dec. 22.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Hearst Ranch Band Fancy Halved Peaches. For Fancy Halved Peaches. 48,608; Dec. 22.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Hearst Ranch Brand Fancy Royal Anne Cherries. For Fancy Royal Anne Cherries. 48,609; Dec. 22.
Hearst Sunical Land and Packing Corporation, San Francisco, Calif. Hearst Ranch Brand Fancy Halved Apricots. For Fancy Halved Apricots. 48,610; Dec. 22.
Hoague-Sprague Corporation, Lynn, Mass. Rose Marie. For Boxes. 48,611; Dec. 22.
Hoague-Sprague Corporation, Lynn, Mass. Cushco. For Boxes. 48,612; Dec. 22.
Hoague-Sprague Corporation, Lynn, Mass. Wonder Value. For Boxes. 48,613; Dec. 22.
Hoague-Sprague Corporation, Lynn, Mass. A & S W Co. For Boxes. 48,614; Dec. 22.
Hoague-Sprague Corporation, Lynn, Mass. Smart Shoes. For Boxes. 48,615; Dec. 22.
Hoague-Sprague Corporation, Lynn, Mass. Arch Corrector. For Boxes. 48,616; Dec. 22.
Hoague-Sprague Corporation, Lynn, Mass. Famous Fitting Footwear. For Boxes. 48,617; Dec. 22.
Hoague-Sprague Corporation, Lynn, Mass. Smart Styles. For Boxes. 48,618; Dec. 22.
Hoague-Sprague Corporation, Lynn, Mass. Modern Styles. For Boxes. 48,619; Dec. 22.
Hoague-Sprague Corporation, Lynn, Mass. Misses' Shoes. For Boxes. 48,620; Dec. 22.
Hoague-Sprague Corporation, Lynn, Mass. Martha Jay. For Boxes. 48,621; Dec. 22.
Hooper, R. L., Fairfield, Ill. Pep-O Poultry Tonic. For a Poultry Tonic. 48,622; Dec. 22.
Imperial Beverage Company, Kalamazoo, Mich. Imperial. For a Grape Fruit. Beverage. 48,623; Dec. 22.
Loeb, H. A., & Co., Chicago, Ill. Imported Fairy Touch Hair Nets. For Hair Nets. 48,624; Dec. 22.
Loeb, H. A., & Co., Chicago, Ill. 3 Lady Anne Human Hair Nets. For Hair Nets. 48,625; Dec. 22.
Maltex Company, Inc., Burlington, Vt. Maltex. For Cereal. 48,626; Dec. 22.
National Retailer-Owned Grocers, Inc., Chicago, Ill. Mor-Foam. For Coco Hard Water Soap. 48,627; Dec. 22.
Phillips Castoria Co., Paterson, N. J. Phillips Castoria. For a Laxative Especially Suited for Infants and Children. 48,628; Dec. 22.
Saratoga Laboratory, Springfield, Mass. Double-A. For Capsules for the Relief of Colds and Intestinal Pains Due to Colds. 48,629; Dec. 22.
Sommer, Stockton N., & Co., Inc., St. Louis, Mo. Higbee Company, Cleveland—Exclusive Footwear. For Footwear. 48,638; Dec. 22.
Standard Brands Incorporated, New York, N. Y. Royal. For Lime Flavor Gelatin Dessert. 48,630; Dec. 22.
Standard Brands Incorporated, New York, N. Y. Royal. For Pineapple Flavor Gelatin Dessert. 48,631; Dec. 22.
Standard Brands Incorporated, New York, N. Y. Royal. For Strawberry Flavor Gelatin Dessert. 48,632; Dec. 22.
Standard Brands Incorporated, New York, N. Y. Royal. For Raspberry Flavor Gelatin Dessert. 48,633; Dec. 22.
Standard Brands Incorporated, New York, N. Y. Royal. For Lemon Flavor Gelatin Dessert. 48,634; Dec. 22.
Standard Brands Incorporated, New York, N. Y. Royal. For Cherry Flavor Gelatin Dessert. 48,635; Dec. 22.
Standard Brands Incorporated, New York, N. Y. Royal. For Orange Flavor Gelatin Dessert. 48,636; Dec. 22.
Star Equipment Corporation, Bloomfield, N. J. Sec Cleaning Solvent. For a Cleaning Solvent. 48,637; Dec. 22.
Waltham System, Inc., Buffalo, N. Y. He-Ne Be-Ne. For a Honey and Butter Spread for Bread, Toast, Waffles, Pancakes, etc. 48,639; Dec. 22.
Waxide Paper Company, Kansas City, Mo. Whole Wheat Bread Sliced. For Wholewheat Bread. 48,640; Dec. 22.

LIST OF REGISTRANTS OF PRINTS

Bendix Products Corporation, South Bend, Ind. How Are You Spending Your Gasoline? For Carburetors. 15,971; Dec. 22.
Bendix Products Corporation, South Bend, Ind. Little Drops of Gasoline Make More Miles Per Gallon. For Carburetors. 15,972; Dec. 22.
Bendix Products Corporation, South Bend, Ind. A Switch in Time Saves Gasoline. For Carburetors. 15,973; Dec. 22.
Camel Lead, Color & Chemical Products Mfg. Corp., doing business as Germ-Proof Film Paint Co., Brooklyn, N. Y. Germ Proof Your Home. For Paints and Enamels. 15,974; Dec. 22.
Central West Coal Company, Menominee, Mich. Golderest. For Coal. 15,975; Dec. 22.
Collyrium Incorporated, New York, N. Y. Get The Habit. For Eye Lotion. 15,976; Dec. 22.
Common Sense Optical Co., Chicago, Ill. Ben-Franklin. For Eye-Glasses. 15,977; Dec. 22.
Cream of Wheat Corporation, The, Minneapolis, Minn. Quick Energy for Young Whirlwinds! For Wheat Breakfast Food. 15,978; Dec. 22.
General Chemical Company, New York, N. Y. Life History and Metamorphosis of Cotton Leaf Worm. For Calcium Arsenate Used for Cotton Leaf Worm Control. 15,979; Dec. 22.
General Mills, Inc., Minneapolis, Minn. This Amazing New Recipe Collection Given Free at Grocers Where You See This Display. For Flour. 15,980; Dec. 22.
Germ-Proof Film Paint Co. (See Camel Lead, Color & Chemical Products Mfg. Corp.)
Horwitz, Morris M., Chicago, Ill. Sunshine Solution—Anti Freeze. For an Anti Freeze Solution for Automobile Radiators. 15,981; Dec. 22.
Lewis Invisible Stitch Machine Company, St. Louis, Mo. Lewis. For Sewing Machines. 15,982; Dec. 22.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Bristles, horse-hair, goat-hair, soft hairs, etc. Frederick H. Cone & Company. 341,720–4; Dec. 22; Serial Nos. Serial No. 365,688–92; published Oct. 13, 1936.
Cellulose, Transparent. Safeway Products Corporation. 341,742; Dec. 22; Serial No. 379,975; published Oct. 6, 1936.
Coal. Island Creek Coal Sales Company. 341,756; Dec. 22; Serial No. 382,475; published Oct. 13, 1936.
Coal. Island Creek Coal Sales Company. 341,775; Dec. 22; Serial No. 382,476; published Oct. 13, 1936.
Coal. Reliable Coal & Mining Co. 341,743; Dec. 22; Serial No. 380,019; published Oct. 13, 1936.
Fur skins. Abrams & Linden, Inc. 341,688; Dec. 22; Serial No. 376,709; published Oct. 6, 1936.
Powdered material for absorbing oils and greases. F. D. Strickler. 341,735; Dec. 22; Serial No. 379,405; published Oct. 6, 1936.
Seed corn. W. H. Jacques. 341,684; Dec. 22; Serial No. 377,464; published Oct. 13, 1936.
Seeds. Ross Seed Company. 341,732; Dec. 22; Serial No. 379,167; published Oct. 13, 1936.
Seeds. O. M. Scott & Sons Company. 341,690; Dec. 22; Serial No. 381,786; published Oct. 13, 1936.

CLASS 2

Bulbs or capsules for containing compressed or liquefied gas. Sparklets Corporation. 341,694; Dec. 22; Serial No. 381,733; published Oct. 13, 1936.
Cabinets, Medicine. J. P. Eustis Manufacturing Company. 116,209; renewed Apr. 17, 1937.

CLASS 4

Dressings, Shoe. Everett and Barron Company. 341,856; Dec. 22.
Preparation for cleaning shoes, slippers, gloves, etc. Everett and Barron Company. 341,858; Dec. 22.

CLASS 6

Chemical composition used as a fuel. National Lighting Company. 341,837; Dec. 22.
Chemicals and pharmaceutical preparations. Aseptic Products Company. 115,475; renewed Feb. 20, 1937.
Corn plasters, Medicated. O. F. Nelson. 341,854; Dec. 22.
Eczema remedies. H. M. Swartley. 113,922; renewed Nov. 7, 1936.
Hair bleach. Bree Cosmetics, Inc. 341,850; Dec. 22.
Ice and snow melting preparations. Thompson Materials Corporation. 341,852; Dec. 22.
Liniment. D. Wróblewski. 115,132; renewed Jan. 23, 1937.
Lotion, Reducing. Elizabeth Arden, Inc. 341,853; Dec. 22.
Medicine, Pile. Vapor-Gas Company. 341,857; Dec. 22.
Pharmaceutical product. Societe of Chemical Industry in Basle. 113,816; renewed Nov. 31, 1936.
Pharmaceutical product. Society of Chemical Industry in Basle. 113,919; renewed Nov. 7, 1936.
Remedy for use internally and externally for treatment of colds and ailments caused thereby. F. A. Furbish. 113,713; renewed Oct. 31, 1936.
Shampoo, Liquid. Golden Glint Co. 341,855; Dec. 22.
Shampoo, Liquid hair. C. Micari. 341,843; Dec. 22.
Tooth paste. United Drug Company. 341,835; Dec. 22.

CLASS 8

Cigarette cases, Sectional. Krischer Trading Corp. 341,805; Dec. 22; Serial No. 381,842; published Oct. 6, 1936.

CLASS 10

Fertilizer. O. M. Scott & Sons Company. 341,806; Dec. 22; Serial No. 381,851; published Oct. 13, 1936.

CLASS 12

Cement and asphaltic lap cement, Asbestos plastic. Hall Hardware Company. 341,760; Dec. 22; Serial No. 381,940; published Oct. 6, 1936.
Cement coloring material. Clinton Metallic Paint Company. 341,748; Dec. 22; Serial No. 380,550; published Oct 13, 1936.
Cement coloring material. Colloidal Pigment Company. 341,749; Dec. 22; Serial No. 380,553; published Oct. 13, 1936.
Cement, Portland. Crescent Portland Cement Company. 341,685; Dec. 22; Serial No. 377,263; published Oct. 6, 1936.
Shingles, Wooden. Twin City Lumber & Shingle Company. 341,807; Dec. 22; Serial No. 381,885; published Oct. 13, 1936.

CLASS 13

Bathtubs, lavatories, closets, etc. Marshall-Wells Company. 341,767; Dec. 22; Serial No. 381,627; published Oct. 13, 1936.
Bolts and toggles. Craftplug Inc. 341,672; Dec. 22; Serial No. 378,613; published Oct. 13, 1936.
Bolts and toggles. Craftplug Inc. 341,734; Dec. 22; Serial No. 379,291; published Oct. 13, 1936.
Chains. American Chain Company. 341,766; Dec. 22; Serial No. 381,602; published Oct. 13, 1936.
Hollow ware, Aluminum domestic cooking. Club Aluminum Products Co. 341,740; Dec. 22; Serial No. 379,736; published Oct. 13, 1936.
Sticks and/or handles for suckers. Popsickle Corporation of the United States. 346,719; Dec. 22; Serial No. 366,638; published Oct. 13, 1936.
Sticks or handles for suckers. Frozen Confections, Inc. 341,726; Dec. 22; Serial No. 360,559; published Oct. 13, 1936.
Sticks or handles for suckers. Joe Lowe Corporation. 341,727; Dec. 22; Serial No. 360,415; published Oct. 13, 1936.
Wire fencing, nails, bale ties, etc., Woven. Northwestern Barb Wire Company. 341,673–4; Dec. 22; Serial No. 378,581–2; published Oct. 13, 1936.

CLASS 14

Metal threads. J. Gutmann. 341,803; Dec. 22; Serial No. 381,838; published Oct. 13, 1936.

CLASS 15

Candles, votive, sanctuary, and tabernacle lights. A. Gross Candle Company. 341,682; Dec. 22; Serial No. 378,074; published Oct. 6, 1936.
Gasoline, oils, and grease. J. I. Barron. 341,729; Dec. 22; Serial No. 355,958; published May 19, 1936.
Graphite, Colloidal. L. W. Cooney. 341,800; Dec. 22; Serial No. 381,260; published Oct. 13, 1936.
Oil, Lubricating. Shell Oil Company. 341,741; Dec. 22; Serial No. 379,850; published Sept. 29, 1936.

CLASS 16

Lacquers. I. G. Faarbenindustrie Aktiengesellschaft. 341,758; Dec. 22; Serial No. 381,314; published Oct. 13, 1936.
Paint. Michael McNamara Varnish Works. 113,103; renewed Oct. 10, 1936.
Paints, paint enamels, lacquers, etc. Peninsular Paint & Varnish Co. 341,861; Dec. 22.
Polish and floor wax, Furniture. Wilbert Products Co. 341,819; Dec. 22; Serial No. 372,700; published Oct. 13, 1936.
Varnish. Michael McNamara Varnish Works. 113,605; renewed Oct. 24, 1936.
Zinc oxide and leaded zinc oxide. Eagle-Picher Lead Company. 341,744–5; Dec. 22; Serial No. 380,194–5; published Oct. 13, 1936.

CLASS 17

Cigars. A. E. Grayhurst. 341,812; Dec. 22; Serial No. 381,203; published Oct. 6, 1936.
Cigars packed in boxes. Palumbo Cigar Co. 341,716; Dec. 22; Serial No. 381,080; published Oct. 13, 1936.

CLASS 19

Bicycles. Cleveland Welding Company. 341,762; Dec. 22; Serial No. 381,559; published Oct. 13, 1936.
Trailers, Automobile house. H. A. Smith. 341,676; Dec. 22; Serial No. 378,374; published Sept. 8, 1936.

CLASS 21

Armatures. General Armature Corporation. 341,754; Dec. 22; Serial No. 382,471; published Oct. 13, 1936.
Electric calling equipment, Audible. Schwarze Electric Company. 341,677; Dec. 22; Serial No. 378,290; published Oct. 13, 1936.
Electrical conduit fittings. Conduit Fittings Corporation. 341,783; Dec. 22; Serial No. 381,476; published Oct. 13, 1936.
Electrical welding equipment. Pier Equipment Manufacturing Co. 341,799; Dec. 22; Serial No. 381,216; published Oct. 13, 1936.
Fans, Electric. Sears, Roebuck and Co. 341,711; Dec. 22; Serial No. 380,887; published Oct. 13, 1936.
Flashlights, lanterns, and searchlights. Sears, Roebuck and Co. 341,825; Dec. 22; Serial No. 374,803; published Oct. 13, 1936.
Lamps or bulbs, Incandescent. Wabash Appliance Corp. 341,747; Dec. 22; Serial No. 380,432; published Oct. 13, 1936.
Outlet boxes and covers therefor. Pratt Industries, Inc. 341,773; Dec. 22; Serial No. 382,487; published Oct. 13, 1936.
Radio transmitting and receiving antennae. Collins Radio Company. 341,846; Dec. 22.
Spark plugs and spark plug porcelains. Western Auto Supply Company. 341,752; Dec. 22; Serial No. 382,405; published Oct. 13, 1936.
Tubing and fittings for the same used for electric conductors, bare armored ground wire, etc. Clifton Conduit Company. 341,751; Dec. 22; Serial No. 382,088; published Oct. 13, 1936.

CLASS 22

Amusement device, Coin-controlled. Rock-Ola Manufacturing Corporation. 341,709; Dec. 22; Serial No. 382,003; published Oct. 13, 1936.
Skees and binders therefor, toboggans, and sleds. Northland Ski Manufacturing Co. 113,623; renewed Oct. 24, 1936.
Sleds, Coasting. Standard Novelty Works. 113,165; renewed Oct. 10, 1936.
Toys. F. Elvidge. 341,792; Dec. 22; Serial No. 382,075; published Oct. 13, 1936.

CLASS 23

Harrows, field cultivators, quack grass diggers, etc., Spring tooth. Jos. J. Kovar Co. Inc. 341,833; Dec. 22.
Razor blades. Club Razor & Blade Manufacturing Corporation. 341,796; Dec. 22; Serial No. 382,342; published Oct. 13, 1936.
Razor blades, Safety. Colton Razor Blade Company. 341,772; Dec. 22; Serial No. 382,506; published Oct. 13, 1936.
Soldering irons. Drake Electric Works, Inc. 341,811; Dec. 22; Serial No. 381,194; published Oct. 13, 1936.
Sword-blades, matchets, and matchet-knives. Robt. Mole & Sons. 115,005; renewed Jan. 16, 1937.
Tools, Metal cutting. Niles-Bement-Pond Company. 341,774; Dec. 22; Serial No. 382,484; published Oct. 13, 1936.
Vacuum cleaners. Sweeper-Vac Company. 341,715; Dec. 22; Serial No. 380,680; published Oct. 13, 1936.
Windmills and parts thereof. Flint & Walling Mfg. Co. 341,797; Dec. 22; Serial No. 382,351; published Oct. 13, 1936.

CLASS 24

Washing machines, Laundry. Nineteen Hundred Washer Company. 114,533; renewed Dec. 19, 1936.

CLASS 26

Instruments for testing eyes. American Optical Company. 341,717; Dec. 22; Serial No. 381,059; published Oct. 13, 1936.
Pyrometers, thermo-couples, thermometers, etc. Illinois Testing Laboratories, Inc. 341,746; Dec. 22; Serial No. 380,280; published Oct. 13, 1936.
Tubular metal device, Hollow expansible and contractible corrugated. Fulton Co. 112,883; renewed Oct. 3, 1936.

Vehicles equipped with motion picture and sound projection outfits, Automobile. Jam Handy Picture Service, Inc. 341,836; Dec. 22.

CLASS 28

Diamonds and previous stones. Trabert & Hoeffer Inc. 341,680; Dec. 22; Serial No. 378,101; published Aug. 18, 1936.
Jewelry. Raine-Craft Company. 341,831; Dec. 22; 376,493; published Sept. 29, 1936.
Jewelry. Trifari, Krussman and Fishel, Inc. 341,757; Dec. 22; Serial No. 381,292; published Oct. 6, 1936.

CLASS 29

Toot brushes. Denti-Set Corporation. 341,826; Dec. 22; Serial No. 374,881; published Oct. 13, 1936.

CLASS 30

Pottery. White Hall Sewer Pipe and Stoneware Company. 341,821; Dec. 22; Serial No. 373,402; published Oct. 13, 1936.

CLASS 32

Air moisteners, metal kitchen cabinets, metal wardrobe cabinets, etc., Metal. Interstate Metal Products Co. 341,755; Dec. 22; Serial No. 382,473; published Oct. 13, 1936.
Cabinets, Filing. General Fireproofing Co. 341,802; Dec. 22; Serial No. 381,269; published Oct. 13, 1936.
Mattresses, Innerspring. Taylor Bedding Manufacturing Company. 341,753; Dec. 22; Serial No. 382,451; published Oct. 13, 1936.

CLASS 34

Air conditioners. P. D. Snavely. 341,671; Dec. 22; Serial No. 378,677; published Oct. 13, 1936.
Air conditioning systems: fans, heaters, etc. Niagara Blower Company. 341,839; Dec. 22.
Reflectors, Glass. R. I. Johns. 341,778; Dec. 22; Serial No. 382,193; published Oct. 13, 1936.
Stoves and ranges, and parts thereof. Tappan Stove Company. 341,769; Dec. 22; Serial No. 381,646; published Oct. 13, 1936.

CLASS 35

Belting. Hewitt Rubber Corporation. 341,791; Dec. 22; Serial No. 381,364; published Oct. 13, 1936.
Gaskets. Cleveland Gasket and Mfg. Company. 341,795; Dec. 22; Serial No. 382,341; published Oct. 13, 1936.
Hose. Hewitt Rubber Corporation. 341,790; Dec. 22; Serial No. 381,365; published Oct. 13, 1936.
Tires, Pneumatic. B. F. Goodrich Company. 113,376; renewed Oct. 17, 1936.
Tubes, Flexible. Deutsche Benzinuhren Ges. m. b. H. 341,801; Dec. 22; Serial No. 381,263; published Oct. 13, 1936.

CLASS 37

Letterheads, envelopes, blank billheads and statements, etc. American Laundry. 341,822; Dec. 22; Serial No. 373,768; published Oct. 6, 1936.
Paper. D. M. Bare Paper Company. 341,736; Dec. 22; Serial No. 379,415; published Sept. 15, 1936.
Paper, English finish and super book. D. M. Bare Paper Company. 341,737; Dec. 22; Serial No. 379,416; published Oct. 13, 1936.
Paper, printing paper, ledger paper, etc., Writing. Chicago Paper Company. 341,707; Dec. 22; Serial No. 382,261; published Oct. 13, 1936.
Paper, Wrapping and printing. Union Paper & Twine Company. 112,235; renewed Aug. 22, 1936.
Tissues, Cleansing. Veldown Company. 341,725; Dec. 22; Serial No. 364,032; published June 18, 1935.

CLASS 38

Books and musical works, Printed. Arthur P. Schmidt Co. 115,231; renewed Jan. 30, 1937.
Bulletins, Information. Leupold, Volpel & Company. 341,678; Dec. 22; Serial No. 378,145; published Oct. 13, 1936.
Cards, Greeting. Rust Craft Publishers, Inc. 341,828; Dec. 22; Serial No. 375,815; published Oct. 13, 1936.
Magazine section. Ticker Publishing Company. 341,675; Dec. 22; Serial No. 378,541; published Oct. 13, 1936.
Periodicals. O. M. Scott & Sons Company. 341,780; Dec. 22; Serial No. 382,139; published Oct. 13, 1936.

CLASS 39

Apparel, Children's. Little Mistress Togs, Inc. 341,692; Dec. 22; Serial No. 381,771; published Oct. 6, 1936.
Apparel, Wearing. E. H. Horwood & Co. 113,589; renewed Oct. 24, 1936.
Boots and shoes, Rubber. Lambertville Rubber Company. 115,892; renewed Mar. 20, 1937.
Brassières, bandeaus, corsets, etc. Fay-Miss Brassiere Co. 341,838; Dec. 22.
Clothing, Men's. Joseph & Feiss Company. 341,848; Dec. 22.
Coats and dresses, Ladies. Goldstein & Milberg, Inc. 341,706; Dec. 22; Serial No. 382,269; published Oct. 6, 1936.
Coats, fur capes, fur wraps, etc., Fur. A. & J. Engel, Inc. 341,697; Dec. 22; Serial No. 381,714; published Oct. 6, 1936.
Coats, Ladies'. Rosing-Cohn Corp. 341,689; Dec. 22; Serial No. 381,820; published Oct. 6, 1936.
Dresses and smocks. A. E. Slasting. 341,739; Dec. 22; Serial No. 379,640; published Oct. 6, 1936.
Dresses, knitted suits, and coats. Saks & Company. 341,691; Dec. 22; Serial No. 381,784; published Oct. 6, 1936.
Hats and caps, Men's. Young's Merchandising Corporation. 341,841; Dec. 22.
Hats and caps, Women's and misses'. Florence Reichman Inc. 341,862; Dec. 22.
Hosiery. Bloomingdale Bros., Inc. 341,864; Dec. 22.
Hosiery. Holeproof Hosiery Co. 341,804; Dec. 22; Serial No. 381,840; published Oct. 6, 1936.
Hosiery and underwear, Women's. Sun-Cleer Hosiery Stores, Inc. 341,670; Dec. 22; Serial No. 378,684; published Oct. 6, 1936.
Hosiery, Women's. Artcraft Silk Hosiery Mills, Inc. 341,788; Dec. 22; Serial No. 381,473; published Oct. 6, 1936.
Housedresses, aprons, and wrap-around dresses. Sears, Roebuck and Co. 341,814; Dec. 22; Serial No. 368,459; published Oct. 6, 1936.
Overcoats. Neptune Mfg. Co. 341,827; Dec. 22; Serial No. 375,221; published Oct. 6, 1936.
Shirts, Work. W. E. Stephens Mfg. Co. 341,768; Dec. 22; Serial No. 381,643; published Oct. 6, 1936.
Shoes. International Shoe Co. 341,849; Dec. 22.
Suits, Children's wash. Strouse-Baer Company. 341,847; Dec. 22.
Topcoats, overcoats, and suits. Jos. W. Smith & Sons. 341,851; Dec. 22.
Underwear for men. Anglo-American Knit Industries, Inc. 341,733; Dec. 22; Serial No. 379,175; published Oct. 6, 1936.
Underwear, hosiery, bathing suits, etc. A. M. Webb & Co. 341,679; Dec. 22; Serial No. 378,103; published Oct. 6, 1936.
Underwear, pajamas, slips, etc. Wolvering Knitting Mills. 341,781; Dec. 22; Serial No. 382,015; published Oct. 6, 1936.
Uniforms, Nurses'. L. Hirsch & Sons Inc. 341,728; Dec. 22; Serial No. 357,952; published Oct. 6, 1936.

CLASS 42

Canvas, Apron. Tingue, Brown & Co. 341,759; Dec. 22; Serial No. 381,344; published Oct. 13, 1936.
Canvas, Apron. Tingue, Brown & Co. 341,761; Dec. 22; Serial No. 381,346; published Oct. 13, 1936.
Cheesecloth, Bleached and unbleached. Winne & Sutch Company. 341,687; Dec. 22; Serial No. 376,828; published Oct. 13, 1936.
Cloth and woven straw, grass, or paper in the piece. Hatleigh, Inc. 341,763; Dec. 22; Serial No. 381,562; published Oct. 13, 1936.
Pile fabrics. Howlett & Hockmeyer Co. 341,686; Dec. 22; Serial No. 377,156; published Oct. 13, 1936.
Rayon, cotton, and wool piece goods. St. George Textile Corporation. 341,703; Dec. 22; Serial No. 382,574; published Oct. 13, 1936.

CLASS 43

Yarns. Botany Worsted Mills. 341,786–7; Dec. 22; Serial Nos. 381,521–2; published Oct. 6, 1936.

CLASS 44

Arch supporters. Scholl Mfg. Co. 341,808; Dec. 22; Serial No. 381,920; published Oct. 13, 1936.
Hearing-aid devices and acoustic elements and accessories thereof. Sonotone Corporation. 341,702; Dec. 22; Serial No. 382,580; published Oct. 13, 1936.
Prophylactic rubber articles. B. Kram. 341,696; Dec. 22; Serial No. 381,721; published Oct. 13, 1936.
Sanitary napkins, Paper. Diana Manufacturing Company. 341,777; Dec. 22; Serial No. 382,206; published Oct. 13, 1936.
Syringes, Rubber. Rubber-Gel Products Corporation. 341,750; Dec. 22; Serial No. 382,066; published Oct. 13, 1936.

CLASS 45

Beverage and syrups for making the same. Orange-Crush Company. 113,902; renewed Nov. 7, 1936.
Beverage used as a mixer, Sassafras. Olde Homestede Products Co. 341,817; Dec. 22; Serial No. 370,625; published Oct. 13, 1936.
Beverages and sirups and extracts for making the same. Monarch Manufacturing Company. 341,771; Dec. 22; Serial No. 382,566; published Oct. 13, 1936.
Beverages, and syrups, extracts, and flavors used in same. Bostonia Beverages, Inc. 341,820; Dec. 22; Serial No. 373,162; published Feb. 11, 1936.
Drinks, Soft. Canada Dry Ginger Ale, Incorporated. 341,700–701; Dec. 22; Serial Nos. 382,619–20; published Oct. 13, 1936.

CLASS 46

Alimentary pastes. National Food Products Co. 341,710; Dec. 22; Serial No. 380,956; published Oct. 13, 1936.
Baking powder. Snow King Baking Powder Co. 341,782; Dec. 22; Serial No. 381,429; published Oct. 13, 1936.
Biscuits. Southern Biscuit Company. 341,695; Dec. 22; Serial No. 381,731; published Oct. 13, 1936.
Biscuits, crackers, and cookies. Burry Biscuit Corporation. 341,834; Dec. 22.
Buttermilk. Coday Farms, Inc. 341,683; Dec. 22; Serial No. 377,669; published Oct. 13, 1936.

Candy. Curtiss Candy Company. 341,713; Dec. 22; Serial No. 380,760; published Oct. 6, 1936.
Candy. Schutter-Johnson Candy Corporation. 341,816; Dec. 22; Serial No. 369,141; published Oct. 13, 1936.
Candy and ice cream. Abbotts Dairies, Incorporated. 341,829; Dec. 22; Serial No. 375,974; published Oct. 13, 1936.
Canned creamed tuna fish. Francis H. Leggett & Company. 341,863; Dec. 22.
Canned dog and cat food. H. Moffat Co. 341,704; Dec. 22; Serial No. 382,318; published Oct. 13, 1936.
Canned dog food. Foodland, Inc. 341,785; Dec. 22; Serial No. 381,544; published Oct. 13, 1936.
Canned dog food. Vimpep Foods, Inc. 341,793; Dec. 22; Serial No. 382,330; published Oct. 13, 1936.
Canned fish. Aktieselskabet det Norske Fiskefilet Kompani. 341,813; Dec. 22; Serial No. 376,816; published Oct. 13, 1936.
Canned fruits and vegetables. Burrington, Case & Gibson. 341,698; Dec. 22; Serial No. 381,708; published Oct. 13, 1936.
Canned fruits, canned vegetables, canned fish, etc. Austin, Nichols & Co. 341,730; Dec. 22; Serial No. 378,773; published Oct. 13, 1936.
Canned fruits, vegetables, meats, etc. Wilson & Rogers, Inc. 341,718; Dec. 22; Serial No. 381,012; published Oct. 13, 1936.
Canned peas. Tugwell & Wiseman, Inc. 341,708; Dec. 22; Serial No. 382,248; published Oct. 13, 1936.
Canned vegetables. Idaho Canning Company. 341,840; Dec. 22.
Chocolate for eating. Rowntree & Company. 341,789; Dec. 22; Serial No. 381,378; published Oct. 13, 1936.
Chocolates. E. J. Brach & Sons. 341,770; Dec. 22; Serial No. 381,657; published Oct. 13, 1936.
Coffee. Hotel Waldorf-Astoria Corporation. 341,830; Dec. 22; Serial No. 376,210; published Oct. 13, 1936.
Coffee. La Touraine Coffee Co. 341,845; Dec. 22.
Coffee. Mogar Coffee Co. Inc. 341,823; Dec. 22; Serial No. 373,966; published Oct. 13, 1936.
Dressing, Mayonnaise. R. C. Williams & Company. 115,712; renewed Feb. 27, 1937.
Dressing Salad. Lewis, Hubbard & Company. 341,798; Dec. 22; Serial No. 381,211; published Oct. 13, 1936.
Eggs. Frank E. Wattles, Inc. 341,794; Dec. 22; Serial No. 382,331; published Oct. 13, 1936.
Extracts used for flavoring food. Joseph Burnett Company. 116,191; renewed Apr. 10, 1937.
Feeds, Live stock and poultry. Delaware Mills, Inc. 341,738; Dec. 22; Serial No. 379,587; published Oct. 13, 1936.
Flour, Cake. Boonville Mills Company. 341,714; Dec. 22; Serial No. 380,751; published Oct. 13, 1936.
Flour, Self-rising. St. Mary's Mill Co. 113,640–3; renewed Oct. 24, 1936.
Flour, Wheat. Arkansas City Flour Mills Co. 341,731; Dec. 22; Serial No. 379,071; published Oct. 13, 1936.
Flour, Wheat. Inland Milling Company. 341,764; Dec. 22; Serial No. 381,565; published Oct. 13, 1936.
Flour, Wheat. St. Mary's Mill Co. 113,637–9; renewed Oct. 24, 1936.
Food, Stock. E. G. Buchsieb, Inc. 341,832; Dec. 22; Serial No. 376,663; published Oct. 13, 1936.
Foods, Dog. John Wright (London) Limited. 341,705; Dec. 22; Serial No. 382,298; published Oct. 13, 1936.
Fruits, fresh grapes, Fresh deciduous. Joseph La Rosa & Sons. 341,779; Dec. 22; Serial No. 382,159; published Oct. 13, 1936.
Grain products and preparations thereof, Milled. Staley Milling Company. 341,669; Dec. 22; Serial No. 378,717; published Oct. 13, 1936.
Gum, candy, sweetmeats, and confections, Chewing. Mint Products Company. 115,650; renewed Feb. 27, 1937.
Gum, candy, sweetmeats, etc., Chewing. Mint Products Company. 115,895; renewed Mar. 20, 1937.
Olive oil. Fernando Pallares, S. A. 341,765; Dec. 22; Serial No. 381,575; published Oct. 13, 1936.
Poultry and eggs, Dressed. Poultry Products, Inc. 341,681; Dec. 22; Serial No. 378,093; published Oct. 6, 1936.
Poultry, eggs, hatching eggs, etc., Live and dressed. Pine Top Poultry Farms, Inc. 341,712; Dec. 22; Serial No. 380,791; published Oct. 13, 1936.
Preparation to make a French dressing. Tourlaine Food Products, Inc. 341,784; Dec. 22; Serial No. 381,538; published Oct. 13, 1936.
Preparations for making food drinks. A. J. Hanten. 341,818; Dec. 22; Serial No. 372,598; published Feb. 25, 1936.
Seasoning. Ajinomoto Honpo Kabushiki Kaisha Suzuki Shoten. 341,824; Dec. 22; Serial No. 371,749; published Oct. 13, 1936.
Vegetable concentrate. Procter & Gamble Company. 341,819; Dec. 22; Serial No. 381,134; published Oct. 13, 1936.
Vegetable oil used for food purposes. Southern Cotton Oil Company. 115,681; renewed Feb. 27, 1937.

CLASS 47

Wines. Sandusky Wineries, Inc. 341,776; Dec. 22; Serial No. 382,243; published Oct. 13, 1936.

CLASS 48

Beer. M. K. Goetz Brewing Co. 115,080–1; renewed Jan. 23, 1937.
Malt tonic. Bartholomay Brewery Company. 114,053; renewed Nov. 21, 1936.

CLASS 49

Gin. H. W. Schlichte. 341,809; Dec. 22; Serial No. 381,087; published Oct. 13, 1936.
Vermuth. Martini & Rossi. 114,260; renewed Dec. 5, 1936.
Whiskey, gin, rum, etc. T. J. Pendergast Wholesale Liquor Co. 341,699; Dec. 22; Serial No. 383,031; published Oct. 13, 1936.
Whiskeys, brandies, gins, etc. J. S. Polefsky. 341,842; Dec. 22.
Whiskeys, brandies, gins, etc. J. S. Polefsky. 341,844; Dec. 22.
Whiskeys, brandies, gins, etc. J. S. Polefsky. 341,860; Dec. 22.

CLASS 50

Brooders and parts thereof, Electrically heated. L. Hawkins. 341,693; Dec. 22; Serial No. 381,763; published Oct. 13, 1936.
Films consisting of a moisture and air repellent composition. C. Scott. 341,815; Dec. 22; Serial No. 368,581; published Oct. 6, 1936.
Incubators and brooders. D. M. Holbrook. 113,736; renewed Oct. 31, 1936.

LIST OF LABELS

A-B Five, Poultry, Hog and Live Stock Preparations. For Poultry, Hog and Live Stock Preparations. American Beauty Five. 48,571; Dec. 22.
A & S W Co. For Boxes. Hoague-Sprague Corporation. 48,614; Dec. 22.
Apron Strings Halved California Yellow Cling Peaches. For Halved California Yellow Cling Peaches. Hearst Sunical Land and Packing Corporation. 48,601; Dec. 22.
Apron Strings Sliced California Yellow Cling Peaches. For Sliced California Yellow Cling Peaches. Hearst Sunical Land and Packing Corporation. 48,600; Dec. 22.
Arch Corrector. For Boxes. Hoague-Sprague Corporation. 48,616; Dec. 22.
Burgess Jiggers Soldering Caps. For Soldering Caps. Burgess Battery Company. 48,574; Dec. 22.
Burry's Cocoanut Pixies. For Biscuits. Burry Biscuit Corporation. 48,575; Dec. 22.
Clearlite. For Window Glass. Fourco Glass Company. 48,588; Dec. 22.
Cushco. For Boxes. Hoague-Sprague Corporation. 48,612; Dec. 22.
Double-A. For Capsules for the Relief of Colds and Intestinal Pains Due to Colds. Saratoga Laboratory. 48,629; Dec. 22.
Exclusive Footwear. For Footwear. A. C. Clayton Printing Co. 48,579; Dec. 22.
Exquisite Footwear. For Footwear. A. C. Clayton Printing Co. 48,582; Dec. 22.
Famous Fitting Footwear For Boxes. Hoague-Sprague Corporation. 48,617; Dec. 22.
Fashionable Footwear. For Footwear. A. C. Clayton Printing Co. 48,577; Dec. 22.
Fine Footwear. For Footwear. A. C. Clayton Printing Co. 48,580; Dec. 22.
Flower Glue. For Glue. A. I. Brick. 48,573; Dec. 22.
Footwear of Quality. For Footwear. A. C. Clayton Printing Co. 48,578; Dec. 22.
Gilbert Chemistry Outfit. For Chemistry Outfits. A. C. Gilbert Company. 48,589; Dec. 22.
Hearst Ranch Brand Fancy Fruit Cocktail. For Fancy Fruit Cocktail. Hearst Sunical Land and Packing Corporation. 48,599; Dec. 22.
Hearst Ranch Brand Fancy Fruits for Salad. For Fancy Fruits for Salad. Hearst Sunical Land and Packing Corporation. 48,593; Dec. 22.
Hearst Ranch Brand Fancy Halved Apricots. For Fancy Halved Apricots. Hearst Sunical Land and Packing Corporation. 48,610; Dec. 22.
Hearst Ranch Brand Fancy Halved Barlett Pears. For Fancy Halved Bartlett Pears. Hearst Sunical Land and Packing Corporation. 48,605; Dec. 22.
Hearst Ranch Brand Fancy Halved Peaches. For Fancy Halved Peaches. Hearst Sunical Land and Packing Corporation. 48,608; Dec. 22.

Hearst Ranch Brand Fancy Royal Anne Cherries. For Fancy Royal Anne Cherries. Hearst Sunical Land and Packing Corporation. 48,609; Dec. 22.
Hearst Ranch Brand Fancy Sliced Peaches. For Fancy Sliced Peaches. Hearst Sunical Land and Packing Corporation. 48,606; Dec. 22.
Hearst Brand Hawaiian Fancy Sliced Pineapple. For Hawaiian Fancy Sliced Pineapple. Hearst Sunical Land and Packing Corporation. 48,607; Dec. 22.
He-Ne Be-Ne. For a Honey and Butter Spread for Bread, Toast, Waffles, Pancakes, etc. Waltham System, Inc. 48,639; Dec. 22.
Higbee Company, Cleveland—Exclusive Footwear. For Footwear. Stockton N. Sommer & Co. 48,638; Dec. 22.
I-Kleer Collyrium Eye Salve. For an Eye Salve for Red-Granular Lids. Collyrium Incorporated. 48,586; Dec. 22.
Imperial. For a Grape Fruit Beverage. Imperial Beverage Company. 48,623; Dec. 22.
Imported Fairy Touch Hair Nets. For Hair Nets. H. A. Loeb & Co. 48,624; Dec. 22.
J. B. Ivey & Co.—Fashionable Footwear. For Footwear. A. C. Clayton Printing Co. 48,585; Dec. 22.
John Taylor's—Just a Step Ahead on Petticoat Lane. For Footwear. A. C. Clayton Printing Co. 48,584; Dec. 22.
Lily of the Valley Illusion. For Perfumery. Geo. Borgfeldt & Co. 15,054; renewed Aug. 24, 1937.
Maltex. For Cereal. Maltex Company. 48,626; Dec. 22.
Martha Jay. For Boxes. Hoague-Sprague Corporation. 48,621; Dec. 22.
Misses' Shoes. For Boxes. Hoague-Sprague Corporation. 48,620; Dec. 22.
Modern Pak Luscious Apricots. For Apricots. Hearst Sunical Land and Packing Corporation. 48,595; Dec. 22.
Modern Pak Luscious Fruit Cocktail. For Fruit Cocktail. Hearst Sunical Land and Packing Corporation. 48,598; Dec. 22.
Modern Pak Luscious Halved Peaches. For Halved Peaches. Hearst Sunical Land and Packing Corporation. 48,597; Dec. 22.
Modern Pak Luscious Sliced Peaches. For Sliced Peaches. Hearst Sunical Land and Packing Corporation. 48,596; Dec. 22.
Modern Pak Luscious Whole Peeled Apricots. For Whole Peeled Apricots. Hearst Sunical Land and Packing Corporation. 48,594; Dec. 22.
Modern Styles. For Boxes. Hoague-Sprague Corporation. 48,619; Dec. 22.
Mor-Foam. For Coco Hard Water Soap. National Retailer-Owned Grocers, Inc. 48,627; Dec. 22.
Mrs. Charles' Handy Clothes Pin Bag. For Clothes-Pin Bags which Slide on Clothes Lines. W. R. Charles. 48,576; Dec. 22.
Narcisse Illusion. For Perfumery. Geo. Borgfeldt & Co. 15,059; renewed Aug. 31, 1937.
Pellin Embossed Napkins. For Embossed Napkins. Diana Manufacturing Company. 48,587; Dec. 22.
Pep-O Poultry Tonic. For Poultry Tonic. R. L. Hooper. 48,622; Dec. 22.
Phillips Castoria. For a Laxative Especially Suited for Infants and Children. Phillips Castoria Co. 48,628; Dec. 22.
Rose Illusion. For Perfumery. Geo. Borgfeldt & Co. 15,055; renewed Aug. 24, 1937.
Rose Marie. For Boxes. Hoague-Sprague Corporation. 48,611; Dec. 22.
Royal. For Cherry Flavor Gelatin Dessert. Standard Brands Incorporated. 48,635; Dec. 22.
Royal. For Lemon Flavor Gelatin Dessert. Standard Brands Incorporated. 48,634; Dec. 22.
Royal. For Lime Flavor Gelatin Dessert. Standard Brands Incorporated. 48,630; Dec. 22.
Royal. For Orange Flavor Gelatin Dessert. Standard Brands Incorporated. 48,636; Dec. 22.
Royal. For Pineapple Flavor Gelatin Dessert. Standard Brands Incorporated. 48,631; Dec. 22.
Royal. For Raspberry Flavor Gelatin Dessert. Standard Brands Incorporated. 48,633; Dec. 22.
Royal. For Strawberry Flavor Gelatin Dessert. Standard Brands Incorporated. 48,632; Dec. 22.
Rural Gold Fruit Cocktail. For Fruit Cocktail. Hearst Sunical Land and Packing Corporation. 48,603; Dec. 22.
Rural Gold Fruits for Salad. For Fruits for Salad. Hearst Sunical Land and Packing Corporation. 48,602; Dec. 22.
Rural Gold Halved Bartlett Pears. For Halved Bartlett Pears. Hearst Sunical Land and Packing Corporation. 48,604; Dec. 22.
Sec Cleaning Solvent. For a Cleaning Solvent. Star Equipment Corporation. 48,637; Dec. 22.
Shoes for Debutantes. For Shoes. A. C. Clayton Printing Co. 48,583; Dec. 22.
Shoes for Distinction. For Shoes. A. C. Clayton Printing Co. 48,581; Dec. 22.
Shontex. For a Preparation for the Hair and Scalp. E. O. Anderson & Co. 48,572; Dec. 22.
Smart Shoes. For Boxes. Hoague-Sprague Corporation. 48,615; Dec. 22.
Smart Styles. For Boxes. Hoague-Sprague Corporation. 48,618; Dec. 22.
Sunical Bartlett Pears. For Bartlett Pears. Hearst Sunical Land and Packing Corporation. 48,592; Dec. 22.
Sunical Fruit Cocktail. For Fruit Cocktail. Hearst Sunical Land and Packing Corporation. 48,590; Dec. 22.
Sunical Sliced Yellow Cling Peaches. For Sliced Yellow Cling Peaches. Hearst Sunical Land and Packing Corporation. 48,591; Dec. 22.
3 Lady Anne Human Hair Nets. For Hair Nets. H. A. Loeb & Co. 48,625; Dec. 22.
Violet Illusion. For Perfumery. Geo. Borgfeldt & Co. 15,056; renewed Aug. 24, 1937.
Whole Wheat Bread Sliced. For Wholewheat Bread. Waxide Paper Company. 48,640; Dec. 22.
Wonder Value. For Boxes. Hoague-Sprague Corporation. 48,613; Dec. 22.

LIST OF PRINTS

A Switch in Time Saves Gasoline. For Carburetors. Bendix Products Corporation. 15,973; Dec. 22.
Ben-Franklin. For Eye-Glasses. Common Sense Optical Co. 15,977; Dec. 22.
Germ Proof Your Home. For Paints and Enamels. Camel Lead, Color & Chemical Products Mfg. Corp. 15,974; Dec. 22.
Get the Habit. For Eye Lotion. Collyrium Incorporated. 15,976; Dec. 22.
Golderest. For Coal. Central West Coal Company. 15,975; Dec. 22.
How Are You Spending Your Gasoline? For Carburetors. Bendix Products Corporation. 15,971; Dec. 22.
Lewis. For Sewing Machines. Lewis Invisible Stitch Machine Company. 15,982; Dec. 22.
Life History and Metamorphosis of Cotton Leaf Worm. For Calcium Arsenate Used for Cotton Leaf Worm Control. General Chemical Company. 15,979; Dec. 22.
Little Drops of Gasoline Make More Miles Per Gallon. For Carburetors. Bendix Products Corporation. 15,972; Dec. 22.
Quick Energy for Young Whirlwinds! For Wheat Breakfast Food. Cream of Wheat Corporation. 15,978; Dec. 22.
Sunshine Solution—Anti Freeze. For an Anti Freeze Solution for Automobile Radiators. M. M. Horwitz. 15,981; Dec. 22.
This Amazing New Recipe Collection Given Free at Grocers Where You See This Display. For Flour. General Mills, Inc. 15,980; Dec. 22.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 22D DAY OF DECEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Brush Beryllium Company, The. (See Sawyer, C. B., and Kjellgren, assignors.)
Brush Development Company, The. (See Sawyer, Charles B., assignor.)
Eastwood, Harold B., assignor to Hatford-Empire Company, Hartford, Conn. Glassware leer construction. 20,209; Dec. 22.
Fitton, Cyrus J. (See Yingling, Frank B., assignor.)
Hartford-Empire Company. (See Eastwood, Harold B., assignor.)
Kjellgren, Bengt. (See Sawyer, C. B., and Kjellgren.)
Knowles, Dewey D., Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company. Safety system. 20,210; Dec. 22.
Motsinger, Armand V., Aberdeen, Md. Gas mask head harness. 20,211; Dec. 22.
Ranco Incorporated. (See Raney, Estel C., assignor.)
Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Refrigerator control. 20,212; Dec. 22.
Sawyer, Charles B., Cleveland Heights, assignor, by mesne assignments, to The Brush Development Company, Cleveland, Ohio. Piezoelectric device. 20,213; Dec. 22.
Sawyer, Charles B., and B. Kjellgren, Cleveland Heights, assignors to The Brush Beryllium Company, Cleveland, Ohio. Obtaining beryllium and aluminum compounds. 20,214; Dec. 22.
Westinghouse Electric & Manufacturing Company. (See Knowles, Dewey D., assignor.)
Wooll, John H., San Francisco, Calif. Refrigerated package. 20,215; Dec. 22.
Yingling, Frank B., assignor to C. J. Fitton, Hamilton, Ohio. Coal mining machine. 20,216; Dec. 22.

LIST OF DESIGN PATENTEES

Accessories Company, The. (See Sakier, George, assignor.)
Alliance Porcelain Products Company, The. (See Rodman, Hazel P., assignor.)
Altizer, Arnold P., and H. Sholund, Brush Prairie, Wash. Smoking pipe. 102,406; Dec. 22.
Annala, Aatto Z., Seattle, Wash. Statue or similar article. 102,407; Dec. 22.
Armstrong Cork Company. (See Wilmet, Georges, assignor.)
Ball Brothers Company. (See Petty, Fred J., assignor.)
Bancroft, Edward E., West Warrick, R. I. Lace. 102,491; Dec. 22.
Barker Shoe Company. (See Foster, Benjamin H., assignor.)
Barnham Dispenser Company. (See Barnhart, Watson F., assignor.)
Barnhart, Watson F., assignor to Barnham Dispenser Company, Milwaukee, Wis. Tomato juice dispenser. 102,408; Dec. 22.
Baum, Louis, New York, N. Y. Dress. 102,492; Dec. 22.
Bergaud, Félicie E. A. W., Paris, France. Mirror or similar article. 102,409; Dec. 22.
Birnbaum, Leon, New York, N. Y. Lace. 102,493; Dec. 22.
Birnbaum, Leon, New York, N. Y. Lace. 102,494; Dec. 22.
Birnbaum, Leon, New York, N. Y. Lace. 102,495; Dec. 22.
Birnbaum, Leon, New York, N. Y. Lace. 102,496; Dec. 22.
Birnbaum, Leon, New York, N. Y. Lace. 102,497; Dec. 22.
Blackstone, Jack J., New York, N. Y. Embroidered net. 102,463; Dec. 22.
Blackstone, Jack J., New York, N. Y. Embroidered textile fabric. 102,475; Dec. 22.
Blackstone, Jack J., New York, N. Y. Embroidered textile fabric. 102,476; Dec. 22.
Blackstone, Jack J., New York, N. Y. Embroidered textile fabric. 102,477; Dec. 22.
Bowen, Thomas B., Huntington, W. Va. Necktie holder or similar article. 102,410; Dec. 22.
Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 102,411; Dec. 22.
Carley, Leonard R., Watertown, assignor to The Patent Button Company, Waterbury, Conn. Button. 102,412; Dec. 22.
Champion Hardware Company, The. (See Mankki, Onnie, assignor.)
Chopak, Herman, New York, N. Y. Textile fabric. 102,478; Dec. 22.
Connor, Martha H., Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Strainer or similar article. 102,413; Dec. 22.
Connors, James J., assignor to The Charles Parker Company, Meriden, Conn. Mirror. 102,414; Dec. 22.
Coughlan, Gerald N., East Orange, N. J. Pea sheller. 102,415; Dec. 22.
Dans, Bernard D. (See von Hofe, G. W., and Dans.)
Day, Evangeline, New York, N. Y. Wishing bowl. 102,416; Dec. 22.
Defonso, Lewis, Carnegie, Pa. Accordionola. 102,417; Dec. 22.
De Lisle, Walter, Windsor, Ontario, Canada. Vehicle indicating device. 102,418; Dec. 22.
Dixon, Joseph, Crucible Company. (See Van Dorn, Horace B., assignor.)
Du Pont, E. I., de Nemours & Company. (See Tyson, Edmund H., assignor.)
Edson, Bert, Pawtucket, R. I., assignor to New England Lace Mills, Inc., New York, N. Y. Lace. 102,498; Dec. 22.
Evans Case Company. (See Reilly, Alfred F., assignor.)
Ford, George E. (See Mulcahy, W. M., and Ford.)
Ford Motor Company. (See Galamb, Joseph, assignor.)
Foster, Benjamin H., Lisbon Falls, assignor to Barker Shoe Company, Inc., Auburn, Maine. Moccasin. 102,419; Dec. 22.
Freedman, Stewart S., assignor to Kolmar, Inc., Cincinnati, Ohio. Bottle. 102,420; Dec. 22.
Frigid Fluid Company. (See Kaiser, Ernest, assignor.)
Fry, George A., Saginaw, Mich. Marble game device. 102,421; Dec. 22.
Fuerst, Brooks D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 102,422; Dec. 22.
Fuller, Paul M., Chicago, Ill., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Game apparatus. 102,423; Dec. 22.
Galamb, Joseph, Detroit, assignor to Ford Motor Company, Dearborn, Mich. Bumper bar guard or similar article. 102,464; Dec. 22.
Gardiner, Carl W., Short Hills, N. J. Combined display and container cabinet for manicuring implements or similar article. 102,424; Dec. 22.
Gatch, Milton W., Baltimore, Md. Fly swatter. 102,425; Dec. 22.
Gellman, Israel C., Rock Island, Ill. Frame for combination bread slicing and wrapping machine. 102,426; Dec. 22.
General Electric Company. (See Nereim, Roy O., assignor.)
Gerrells, Maude J., San Antonio, Tex. Combined telephone stand and flashlight holder. 102,427; Dec. 22.
Graham, Maxon L., Seattle, Wash. Combined ashtray and cigarette container. 102,428; Dec. 22.
Grimsley, Leopold C. (See Rothenberg, H., and Grimsley.)
Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 102,479; Dec. 22.
Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 102,480; Dec. 22.
Hanson, Eugene I., New York, N. Y. Textile fabric. 102,481; Dec. 22.
Hanson, Eugene I., New York, N. Y. Textile fabric. 102,482; Dec. 22.
Hartmann, Walter W., assignor to S. A. Philips, Los Angeles, Calif. Sock fastener for garters. 102,429; Dec. 22.
Hazel-Atlas Glass Company. (See Smith, Frasier, assignor.)
Hazel-Atlas Glass Company. (See Spence, James E., assignor.)
Hoffstetter, Carl H., and R. F. Hoffstetter, Erie, Pa. Range. 102,430; Dec. 22.
Hoffstetter, Robert F. (See Hoffstetter, Robert F. and C. H., assignors.)
Horsley, James H., Chicago, Ill. Combined truck flares and supporting bracket therefor. 102,483; Dec. 22.
Kaiser, Ernest, assignor to Frigid Fluid Company, Chicago, Ill. Caster. 102,484; Dec. 22.

Karfiol, Edward, Great Neck, N. Y. Doily or similar article. 102,485; Dec. 22.
Keller, William J., St. Louis, Mo. Flower holder. 102,431; Dec. 22.
Kimball, Ranch S., Salt Lake City, Utah. Advertising sign. 102,465; Dec. 22.
Klein, Bert, New York, N. Y. Textile fabric or similar article. 102,466; Dec. 22.
Kolmar, Inc. (See Freedman, Stewart S., assignor.)
Kornfeld, Morton D. (See Roberson, Willard D., assignor.)
Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Handle bar for a cycle. 102,432; Dec. 22.
Lawrence, Alvin R., Indianapolis, Ind. Ashtray. 102,433; Dec. 22.
Lindell, Fred, Chicago, Ill. Liquid sprayer. 102,467; Dec. 22.
Mankki, Onnie, Cleveland Heights, assignor to The Champion Hardware Company, Geneva, Ohio. Hinge for screen doors or the like. 102,434; Dec. 22.
Massa, Ralph, New York, N. Y. Brooch or similar article. 102,435; Dec. 22.
Massa, Ralph, New York, N. Y. Brooch pin or similar article. 102,436; Dec. 22.
McCoy, James J., New York, N. Y. Combined telephone chronometer and recording desk pad stand. 102,468; Dec. 22.
McCoy, James J., New York, N. Y. Telephone switchboard chronometer stand. 102,469; Dec. 22.
McKay, Patience M., Oakland, Calif. Pincushion. 102,486; Dec. 22.
Mell, Alfred L., assignor to Stewart-Warner Corporation, Chicago, Ill. Automobile heater. 102,470; Dec. 22.
Mendelsohn, Louis H., Paterson, N. J. Hosiery. 102,487; Dec. 22.
Menge, Clarence H., assignor to The Murray Corporation of America, Detroit, Mich. Sink. 102,437; Dec. 22.
Mentrup, Carl, Brooklyn, N. Y. Rug. 102,488; Dec. 22.
Meyers, Wallace E., New York, N. Y. Glove. 102,499; Dec. 22.
Meyers, Wallace E., New York, N. Y. Glove. 102,500; Dec. 22.
Meyers, Wallace E., New York, N. Y. Glove. 102,501; Dec. 22.
Meyers, Wallace E., New York, N. Y. Glove. 102,502; Dec. 22.
Michigan Maple Block Company. (See Schmitt, Frederick J., assignor.)
Montmartin, Guy, Paris, France. Hanging lamp 102,438; Dec. 22.
Muleahy, William M., and G. E. Ford, assignors to Rochester Manufacturing Co., Rochester, N. Y. Combined filler cap and gauge housing. 102,439; Dec. 22.
Murphy, Colford J., South Weymouth, Mass. Display tag holder. 102,440; Dec. 22.
Murray Corporation of America, The. (See Menge, Clarence H., assignor.)
Murray, James A., Philadelphia, Pa. Key charm. 102,441; Dec. 22.
Murray-Ohio Manufacturing Company, The. (See Kraeft, Herman L., assignor.)
Nereim, Roy O., Highland Park, Ill., assignor to General Electric Company. Playing card holder. 102,442; Dec. 22.
New England Lace Mills, Inc. (See Edson, Bert, assignor.)
New Jersey Machine Corporation. (See von Hofe, G. W., and Dans, assignors.)
Newman, Jacob E., Pittsburgh, Pa. Handle for a bar spigot or similar article. 102,443; Dec. 22.
Noble, F. H., & Co. (See Shields, John M., assignor.)
Owens-Illinois Can Company. (See Connor, Martha H., assignor.)
Owens-Illinois Glass Company. (See Fuerst, Brooks D., assignor.)
Parker, Charles, Company, The. (See Connors, James J., assignor.)
Patent Button Company, The. (See Carley, Leonard R., assignor.)
Petty, Fred J., assignor to Ball Brothers Company, Muncie, Ind. Bottle. 102,444; Dec. 22.
Philips, Sara A. (See Hartmann, Walter W., assignor.)
Price, David W., New York, N. Y. Dress. 102,503; Dec. 22.
Price, David W., New York, N. Y. Dress. 102,504; Dec. 22.
Price, David W., New York, N. Y. Dress. 102,505; Dec. 22.
Price, David W., New York, N. Y. Dress. 102,506; Dec. 22.
Reilly, Alfred F., North Attleboro, Mass., assignor to Evans Case Company. Jeweled metal trimming or the like. 102,507; Dec. 22.
Reilly, Alfred F., North Attleboro, Mass., assignor to Evans Case Company. Jeweled metal trimming or the like. 102,508; Dec. 22.
Roberson, Willard D., assignor to M. D. Kornfeld, New York, N. Y. Textile fabric or similar article. 102,471; Dec. 22.
Rochester Manufacturing Co. (See Mulcahy, W. M., and Ford, assignors.)
Rodman, Hazel P., assignor to The Alliance Porcelain Products Company, Alliance, Ohio. Combined washing machine and wringer. 102,445; Dec. 22.
Rothenberg, Harry, Norwood, N. J., and L. C. Grimsley, Jackson Heights, N. Y. Flashlight. 102,446; Dec. 22.
Sakler, George, assignor to The Accessories Company, Inc., New York, N. Y. Shower panel for bathtubs. 102,447; Dec. 22.
Samson-United Corporation. (See Samuels, Abe O., assignor.)
Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Flatiron. 102,448; Dec. 22.
Samuels, Julian G., St. Louis, Mo. Shoe or article of analogous nature. 102,449; Dec. 22.
Samuels, Julian G., St. Louis, Mo. Shoe or article of analogous nature. 102,450; Dec. 22.
Samuels, Theodore, St. Louis, Mo. Shoe. 102,472; Dec. 22.
Schaefer, F. & M., Brewing Co. (See Schaefer, Rudolph J., assignor.)
Schaefer, Rudolph J., Larchmont, assignor to The F. & M. Schaefer Brewing Co., Brooklyn, N. Y. Can or similar container for beverages. 102,451; Dec. 22.
Schlafman, Clifford J., Merchantville, N. J. Metal shingle. 102,452; Dec. 22.
Schmitt, Frederick J., assignor to Michigan Maple Block Company, Petoskey, Mich. Butcher block. 102,453; Dec. 22.
Sheedy, Warren, Seattle, Wash. Bottle. 102,454; Dec. 22.
Shields, John M., assignor to F. H. Noble & Co., Chicago, Ill. Jewelry display box or similar article. 102,455; Dec. 22.
Sholund, Henry. (See Altizer, A. P., and Sholund.)
Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. 102,456; Dec. 22.
Spence, James E., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Bowl. 102,457; Dec. 22.
Stewart-Warner Corporation. (See Mell, Alfred L., assignor.)
Thompson, Sidney E., West Englewood, N. J. Cup or similar article. 102,458; Dec. 22.
Tyson, Edmund H., Caldwell, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic tube or similar article. 102,489; Dec. 22.
Van Dorn, Horace B., Maplewood, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Combined eraser and pencil tip. 102,459; Dec. 22.
Von Hofe, George W., Bound Brook, N. J., and B. D. Dans, Brooklyn, N. Y., assignors to New Jersey Machine Corporation, Hoboken, N. J. Frame for labeling machines or similar articles. 102,460; Dec. 22.
Weltz, Irene, Brooklyn, N. Y. Textile fabric or similar article. 102,473; Dec. 22.
Weston, Alexander S., New York, N. Y. Polygonal cigarette lighter. 102,461; Dec. 22.
Wilde, Hans W., North Bergen, N. J. Textile fabric. 102,474; Dec. 22.
Wilmet, Georges, New York, N. Y., assignor to Armstrong Cork Company, Lancaster, Pa. Container cap. 102,462; Dec. 22.
Wurlitzer, Rudolph, Company, The. (See Fuller, Paul M., assignor.)
Wurlitzer, Rudolph, Company, The. (See Zaiser, William, assignor.)
Zaiser, William, Rockville Centre, N. Y., assignor, by mesne assignments, to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Piano. 102,490; Dec. 22.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 22D DAY OF DECEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abbott, Charles W., Larchmont, N. Y., assignor to The Bryant Electric Company, Bridgeport, Conn. Apparatus for applying conduits. 2,065,298; Dec. 22.
Adams, Herbert L., Washington, D. C. Retractable landing gear. 2,065,414; Dec. 22.
Adams, James L., Jr., Youngstown, Ohio. Apparatus for controlling electrically transmitted musical programs. 2,065,037; Dec. 22.
Addy, Charles W. (See Kinsella, E., and Addy.)
Aderholz, Joseph W., Houston, Tex. Portable bed for vehicles. 2,065,415; Dec. 22.
Adimari, Italo V., Philadelphia, Pa. Making textile combs. 2,065,038; Dec. 22.
Agfa Ansco Corporation. (See Goldhammer, Leo, assignor.)
Agfa Ansco Corporation. (See Zeh, Walter, assignor.)
Agfa Ansco Corporation. (See Zeh, W., and Schneider, assignors.)
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Hydropneumatic brake. 2,065,203; Dec. 22.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor unloading device. 2,065,204; Dec. 22.
Air-Way Electric Appliance Corporation. (See Riebel, Frederick, Jr., assignor.)
Air-Way Electric Appliance Corporation. (See Riebel, F., Jr., and Dow, assignors.)
Akron Lamp Company, The. (See Hoff, Chester A., assignor.)
Aktiebolaget Ljungstroms Angturbin. (See Lysholm, Alf, assignor.)
Albert, Louis L., West Orange, N. J. Crate. 2,065,416; Dec. 22.
Albertson & Company. (See Albertson, Frans O., assignor.)
Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Valve seat tool. 2,065,486; Dec. 22.
Allan, William, Jr. (See Phillips, A. H., and Allan.)
Allen, Russell B., Lexington, assignor to J. W. Moore Valve Corporation, Everett, Mass. Pressure, vacuum, and temperature relief valve. 2,065,417; Dec. 22.
Allred, William P., Jr. (See Turner, F. E., and Allred.)
Amati, Luigi. (See Bocca, C., and Amati.)
American Cyanamid Company. (See Christman, L. J., and Jayne, assignors.)
American Instrument Company. (See Reynolds, William H., assignor.)
American Laundry Machinery Company, The. (See Hollander, Adrian J., assignor.)
American Laundry Machinery Company, The. (See Matthews, Albert, assignor.)
American Rolling Mill Company, The. (See Freeze, Jonathan R., assignor.)
American Sales Book Company. (See Phillips, A. H., and Allan, assignors.)
American Seating Company. (See Hamilton, George H., assignor.)
American Sheet and Tin Plate Company. (See Johnston, Robert F., assignor.)
American Sheet and Tin Plate Company. (See Porter, R., and Saylor, assignors.)
American Shoe Machinery and Tool Company. (See Krag, Harry W., assignor.)
American Smelting and Refining Company. (See Betterton, Jesse O., assignor.)
American Steel and Wire Company of New Jersey, The. (See Carlson, Clarence O., assignor.)
American Steel and Wire Company of New Jersey, The. (See Febrey, Harold H., assignor.)
American Telephone and Telegraph Company. (See Espenschied, Lloyd, assignor.)
American Telephone and Telegraph Company. (See Espenschied, L., and Green, assignors.)
American Telephone and Telegraph Company. (See Espenschied, L., and Monk, assignors.)
American Telephone and Telegraph Company. (See Green, Estill I., assignor.)
American Telephone and Telegraph Company. (See Green, E. I., Monk, and Tidd, assignors.)
American Telephone and Telegraph Company. (See Monk, Newton, assignor.)
American Telephone and Telegraph Company. (See Tidd, Warren H., assignor.)
American Telephone and Telegraph Company, et al. (See Taylor, Edmund R., and C. C., assignors, and Wadsworth.)
American Teletector Corporation. (See Kelly, Frederick G., assignor.)
American Teletector Corporation. (See Stirlen, E. D., and Kelly, assignors.)
Ames, Adelbert, Jr., Hanover, N. H. Pictorial representation. 2,064,870; Dec. 22.
Anaconda Wire & Cable Company. (See Hawksley, Ray, assignor.)
Andersag, Hans, Wuppertal-Elberfeld, and H. Jung, Wuppertal-Vohwinkel, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Water-soluble metal complex compounds of the imidazole series. 2,065,418; Dec. 22.
Anderson, Arvid E., Drexel Hill, Pa., assignor to General Electric Company. Automatic reclosing circuit breaker system. 2,065,360; Dec. 22.
Andrews, Nathaniel R., Yonkers, N. Y. Apparatus for utilizing furnace gases in the reclaiming of bone black and like materials. 2,064,813; Dec. 22.
Andrews, Nathaniel R., Yonkers, N. Y. Selective valve operating apparatus. 2,064,814; Dec. 22.
Angradi, Bruno, Cleveland, Ohio. Air suction control means. 2,064,871; Dec. 22.
Appleyard, Keneim C., and A. Flint, Low Fell, assignors of one-third to The Birtley Company Limited, Birtley, England. Separation of coal and the like. 2,065,205; Dec. 22.
Archea, Walter D. (See Ernst, H., Martellotti, and Archea.)
Archea, Walter D. (See Romaine, M., and Archea.)
Armacost, Wilbur H., assignor to The Superheater Company, New York, N. Y. Closure. 2,065,206; Dec. 22.
Armstrong, James L., Miami Beach, Fla. Apparatus for filling syringe cartridges and the like. 2,064,815; Dec. 22.
Ash, Charles S., and P. Berglund, assignors to California Packing Corporation, San Francisco, Calif. Treating fish. 2,064,872; Dec. 22.
Ashe, Marcellus T., Garden City, assignor to B. Collier, New York, N. Y. Display device. 2,065,039; Dec. 22.
Aspinall, Donald A., Twickenham, England. Hand or treadle operated printing press. 2,065,258; Dec. 22.
Atlas Revolving Door Corporation. (See Szelle, Charles, assignor.)
Atwater Kent Manufacturing Company. (See Woll, Charles F., assignor.)
Atwood, Rawson, assignor to Decorated Metal Manufacturing Company, Brooklyn, N. Y. Ribbon spool. 2,065,299; Dec. 22.
Aulsbrook, Harry E., Detroit, Mich. Furniture. 2,064,968; Dec. 22.
Auto Research Corporation. (See Bijur, Joseph, assignor.)
Automatic Musical Instrument Company. (See Yoder, Harry A., assignor.)
Autoyre Company, The. (See Mosgrove, Charles A., assignor.)
Babcock & Wilcox Company, The. (See Fletcher, James, assignor.)
Babcock & Wilcox Company, The. (See Shellenberger, Rolf, assignor.)
Bagnulo, Albert, Courbevoie, France. Internal combustion engine fed with heavy fuels. 2,065,419; Dec. 22.
Bailey, Walter T. (See Federwitz, T. A., and Bailey.)
Baird Machine Company, The. (See Lewis, Arthur J., assignor.)
Bakelite Corporation. (See Bender, Howard L., assignor.)
Baker, David B. (See Lindgren, A. C., and Baker.)
Baldwin-Southwark Corporation. (See Gaison, Henry L., assignor.)
Baldwin-Southwark Corporation. (See Neeson, Charles R., assignor.)
Balinkin, Isay, and D. A. Wells, Cincinnati, Ohio. Device employing fluid electrodes. 2,064,873; Dec. 22.
Ball, Harvey W., J. Kloos, and O. S. Jeffries, assignors to The Morgan Engineering Company, Alliance, Ohio. Hydraulic brake. 2,065,259; Dec. 22.
Barber-Greene Company. (See Barber, Harry H., assignor.)
Barber, Harry H., assignor to Barber-Greene Company, Aurora, Ill. Road building machine. 2,064,807; Dec. 22.
Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Delivery mechanism for printing presses. 2,065,300; Dec. 22.
Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Double pile flat sheet delivery for rotary printing presses. 2,065,301; Dec. 22.
Barfod, Frederick. (See Wirth, E. O., and Barfod.)
Barge Electric Shoe Cement Press, Inc. (See Barge, George H., assignor.)

Barge Electric Shoe Cement Press, Inc. (See McCormick, William F., assignor.)
Barge, George H., Jamaica, N. Y., assignor to Barge Electric Shoe Cement Press, Inc. Shoe sole attaching apparatus. 2,065,260; Dec. 22.
Barkelew, James T., Pasadena, and V. F. Ehrgott, assignors to J. Grant, Los Angeles, Calif. Jar. 2,065,261; Dec. 22.
Barkelew, James T., Pasadena, and V. F. Ehrgott, assignors to J. Grant, Los Angeles, Calif. Rotary jar. 2,065,262; Dec. 22.
Basic Metals Corporation. (See Svendsen, Svend S., assignor.)
Baule, Gerhard H. J., assignor of one-half to G. I. Hale, Syracuse, N. Y. Automatic transmission. 2,065,040; Dec. 22.
Bausch & Lomb Optical Company. (See Bouchard, Samuel E., assignor.)
Bausch & Lomb Optical Company. (See Diggins, Bartholomew A., assignor.)
Bausch & Lomb Optical Company. (See Simpson, Leon G., assignor.)
Bayerl, Alfons. (See Kösslinger, K., and Bayerl.)
Becker, Fred, Queens Village, assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Column blinding mechanism. 2,064,874; Dec. 22.
Behmler, Otto, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,064,816; Dec. 22.
Behr, Leroy K., assignor to Norton Company, Worcester, Mass. Saw tooth. 2,065,041; Dec. 22.
Beldam, William R., Hounslow, England. Filtering or straining apparatus. 2,065,263; Dec. 22.
Belka, Michael W., and J. F. Wood, Lowell, Mass. Slow recovery converter water heating system. 2,065,109; Dec. 22
Bell Telephone Laboratories, Incorporated, et al. (See Taylor, Edmund R., and C. C., and Wadsworth, assignors.)
Bender, Howard L., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Air drying composition of the alkyd resin type. 2,064,875; Dec. 22.
Bender, Howard L., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Air drying composition of the urea resin type. 2,064,876; Dec. 22.
Bendix Aviation Corporation. (See Wirth, E. O., and Barfod, assignors.)
Bennett, Herbert G. R., Duquesne, Pa. Adjustable shear gauge. 2,065,420; Dec. 22.
Beran, Charles F., Tuckahoe, N. Y., assignor to Celanese Corporation of America. Air conditioning. 2,064,808; Dec. 22.
Bercovitz, Louis. (See Singer, S., Silverman, Friedman, and Bercovitz.)
Berglund, Per. (See Ash, C. S., and Berglund.)
Bernarde, Henry L., Kearny, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring and regulating system. 2,065,421; Dec. 22.
Berndt, Edward C. (See Creighton, H. M., and Berndt.)
Berndt, Edward C., Norwalk, and H. M. Creighton, East Norwalk, Conn., assignors to The R. U. V. Engineering Corporation, South Norwalk, Conn. Irradiating apparatus. 2,065,055; Dec. 22.
Berryman, Harry H., Elmhurst, Ill. Air control for oil burners. 2,065,042; Dec. 22.
Bersted, Julie. (See Bersted, Martin C., assignor.)
Bersted, Julie, administratrix. (See Bersted, Martin C.)
Bersted, Martin C., deceased, by J. Bersted, administratrix, San Diego, Calif., assignor by decree of court to J. Bersted, widow of said M. C. Bersted. Closure operating device. 2,064,809; Dec. 22.
Bersted, Martin C., deceased, San Diego, Calif, assignor by decree of court, to J. Bersted, widow of said M. C. Bersted. Closure operating device. 2,064,810; Dec. 22.
Bertram, William A. (See Petersen, Elmer W., assignor.)
Betterton, Jesse O., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Melting and casting high purity metal. 2,065,207; Dec. 22.
Bickers, John. (See Finer, H. J., and Bickers.)
Bijur, George, executor. (See Bijur, Joseph.)
Bijur, Joseph, deceased, by G. Bijur, executor, New York, N. Y., assignor to Auto Research Corporation. Chassis lubrication. 2,064,877; Dec. 22.
Bing, Joseph M. (See Reinhold, E., and Bing.)
Biocina, Michael J., San Francisco, Calif. Safety razor. 2,064,811; Dec. 22.
Bird, John C., assignor to John Wyeth & Brother, Incorporated, Philadelphia, Pa. Preparing metal picrates. 2,065,110; Dec. 22.
Bird, John C., Montclair, N. J., assignor to John Wyeth & Brother, Incorporated, Philadelphia, Pa. Picric acid compounds. 2,065,111; Dec. 22.
Birrell, Don A., Salt Lake City, Utah. Safety razor. 2,064,878; Dec. 22.
Birtley Company Limited, The. (See Appleyard, K. C., and Flint, assignors.)
Bischof, Frank, Jr., assignor to Dowst Manufacturing Company, Chicago, Ill. Toy. 2,065,208; Dec. 22.
Black, Millard. (See Huddleston, C. E., and Black.)
Blake, Dan L., Wenatchee, Wash. Sand spreading device. 2,065,361; Dec. 22.
Bloom, Otto I. (See Ish-Shalom, Samu-El., and Bloom.)
Blue, Concetta L. (See Carlson, Axel S., assignor.)
Blumenthal, I. D., et al. (See Stroud, William A., assignor.)
Bocca, Carlo, and L. Amati, Padova, Italy. Obtaining slightly relieved photographic images. 2,065,302; Dec. 22.
Bock, Oscar L., Madison, Wis. Burner. 2,065,264; Dec. 22.
Bock, Oscar L., Madison, Wis. Oil burner. 2,065,265; Dec. 22.
Boeing Airplane Company. (See Morse, R. W., and Wood, assignors.)
Bohannon, Richard O. (See Hayenga, J. A., and Brooks, assignors.)
Bolt, James P., High Point, N. C. Package or carton opener. 2,065,422; Dec. 22.
Bonsall, Charles D., Pittsburgh, Pa., assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 2,065,043; Dec. 22.
Bosch, Robert, Aktiengesellschaft. (See Möhrle, Arthur, assignor.)
Bösmann, Wilhelm, Berlin, Germany. Apparatus for carbonating and dispensing liquid. 2,064,879; Dec. 22.
Bostic, Ralph R., Los Angeles, Calif. Headlight. 2,064,880; Dec. 22.
Bottoms, Robert R., assignor to The Girdler Corporation, Louisville, Ky. Separating acidic gases. 2,065,112; Dec. 22.
Bottoms, Robert R., assignor to The Girdler Corporation, Louisville, Ky. Producing lower aliphatic amino alcohols. 2,065,113; Dec. 22.
Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Goggles. 2,064,812; Dec. 22.
Bowen, Herbert C. (See Oliver, W. F., Bowen, and Loweke.)
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulic brake. 2,065,044; Dec. 22.
Bowman, Louis, G., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Automatic tension release for blind stitch sewing machines. 2,064,881; Dec. 22.
Bowser, S. F., & Company. (See Carroll, William M., assignor.)
Brainerd, Henry B., Wellesley, Mass. Traffic signal control. 2,064,882; Dec. 22.
Brendel, Max E., assignor to Streeter-Amet Company, Chicago, Ill. Recording apparatus. 2,065,362; Dec. 22.
Bridgeport Metal Goods Manufacturing Company, The. (See Fullmer, Giles C., assignor.)
Brisendine, Guy F., assignor to The Schooley Printing and Stationery Company, Kansas City, Mo. Binding a plurality of sheets. 2,065,324; Dec. 22.
Broadmeyer, Albert, assignor to W. O. Hickok Manufacturing Company, Harrisburg, Pa. Sheet feeding apparatus. 2,065,487; Dec. 22.
Broback, Juel I., Westfield, and G. J. Martin, Denville, N. J. Construction material. 2,065,045; Dec. 22.
Brodersen, Karl, Dessau in Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Mercerizing. 2,064,883; Dec. 22.
Bronander, Wilhelm B., Montclair, N. J., assignor to The Safety Car Heating & Lighting Company, New Haven, Conn. Internal combustion engine. 2,065,046; Dec. 22.
Bronstien, Edward L., St. Paul, Minn. Border for mattress inner spring units. 2,065,423; Dec. 22.
Brooks, Frank E. (See Hayenga, J. A., and Brooks.)
Brooks, Harry E. (See Reeves, P. B., and Brooks.)
Brown Company. (See Richter, George A., assignor.)
Brown, Donald F., King's Cross, London, England, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electro-pneumatic brake. 2,065,209; Dec. 22.
Brown, Edmund L., Bowdon, England. Hydraulic braking system. 2,065,168; Dec. 22.
Brown Instrument Company, The. (See Handwerk, Otto T., assignor.)
Brown Instrument Company, The. (See Pearce, Walter H., assignor.)
Brown, Leo C. (See Roth, W. D., Brown, and Phelps.)
Brubaker, Howard D., Wilcox, Pa. Educational device. 2,065,424; Dec. 22.
Brün, Willi, Bridgeport, Conn., assignor to Remington Arms Company, Inc. Manufacture of salts of diazotized tetrazole derivatives. 2,064,817; Dec. 22.
Bryant Electric Company, The. (See Abbott, Charles W., assignor.)
Buday, Francis, New York, N. Y. Means for unlocking locks. 2,064,818; Dec. 22.
Buffalo Pressed Steel Company. (See MacKenzie, R. J., and Haas, assignors.)
Buford, Birdie S., Wilson, N. C. Insect exterminating lamp. 2,065,047; Dec. 22.
Bullock, Frank E., Conventry, Engalnd. Valve for internal combustion engines. 2,065,049; Dec. 22.
Bunin, Gallens, & Co. (See Gallens, Aaron, assignor.)
Burke, Ralph H., et al. (See Ulrich, Charles B., assignor.)
Burlingame, Leslie G., Erlton, N. J., assignor to Radio Corporation of America. Condenser. 2,064,810; Dec. 22.

Burnside, James H., 2d, New York, N. Y. Counting device. 2,065,048; Dec. 22.
Bush, John C. (See Picard, J. B., and Bush.)
Butler, Noble C., assignor to The National Tile Company, Anderson, Ind. Shipping crate or box for tiles. 2,065,050; Dec. 22.
Byrd, Don, Franklin, W. Va. Mechanical ballot. 2,065,425; Dec. 22.
Byron Jackson Co. (See Grau, H. E., Lundeen, and Mullinix, assignors.)
Byron-Jackson. (See Lundeen, Chester A., assignor.)
Cahn, Frank J., and A. K. Epstein, said Cahn assignor to said Epstein, M. C. Reynolds, and B. R. Harris, Chicago, Ill., doing business as Epstein, Reynolds, and Harris. Method of analysis. 2,065,114; Dec. 22.
Calhoun, John C., West Quincy, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener installation and fastener for the same. 2,065,325; Dec. 22.
California Packing Corporation. (See Ash, C. S., and Berglund, assignors.)
Campbell, Donald J., Spring Lake Township, Ottawa County, and C. W. Dake, Grand Haven, assignors to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Cam hardening machine. 2,064,820; Dec. 22.
Campbell, Walter H., Osborn, Ohio. Electrical indicator and tachometer. 2,065,426; Dec. 22.
Campbell, Wyant & Cannon Foundry Company. (See Campbell, D. J., and Dake, assignors.)
Canetta, John, Wilkinsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Quick service control valve. 2,065,210; Dec. 22.
Cannon, Phillip D., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Spinning. 2,064,821; Dec. 22.
Carey, Philip, Manufacturing Company, The. (See Fischer, Albert C., assignor.)
Carlson, Axel S., New York, assignor of one-half to C. L. Blue, Brooklyn, N. Y. Safety razor. 2,064,884; Dec. 22.
Carlson, Clarence O., Cleveland Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey. Tool. 2,065,488; Dec. 22.
Carlson, Clarence O., East Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Box band stretching and sealing tool. 2,065,427; Dec. 22.
Carpenter, Harrison, Ceres, Calif. Prune gatherer. 2,065,169; Dec. 22.
Carpenter, Marion S., Nutley, N. J., assignor to Givaudan-Delawanna, Inc., New York, N. Y. Preparation of poly alkyl-substituted phenols. 2,064,885; Dec. 22.
Carr, Richard H., Chicago, Ill., and L. A. Ogden, Tulsa, Okla., assignors to The Pure Oil Company, Chicago, Ill. Piston. 2,065,051; Dec. 22.
Carr, Richard H., Evanston, Ill., and L. A. Ogden, Tulsa, Okla., assignors to The Pure Oil Company, Chicago, Ill. Apparatus and method of distributing pressure differential across piston rings or packings. 2,064,069; Dec. 22.
Carroll, William M., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Liquid dispensing apparatus. 2,065,052; Dec. 22.
Carvalho, Louis da C., New Orleans, La. Infusion making apparatus. 2,065,211; Dec. 22.
Casablancas, Fernando, Sabadell, Spain. Pressure apparatus for the drawing mechanisms for textile rovings. 2,065,115; Dec. 22.
Cash, A. W., Company. (See Temple, Paul C., assignor.)
Caterpillar Tractor Co. (See Gustafson, Carl A., assignor.)
Celanese Corporation of America. (See Beran, Charles F., assignor.)
Celanese Corporation of America. (See Dreyfus, H., Dickie, and Taylor, assignors.)
Celanese Corporation of America. (See Jabouley, Joanny, assignor.)
Celanese Corporation of America. (See Kinsella, E., and Addy, assignors.)
Chafee, Earl W., and H. Murtagh, Brooklyn, and S. G. Myers, Freeport, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Apparatus for the control of gunfire. 2,065,303; Dec. 22.
Charlesworth, Eugene, Venice, Calif. Wire reel. 2,064,886; Dec. 22.
Chase, Clyde H., et al. (See Nichols, Horace E., assignor.)
Chason, Daniel H., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electric sewing machine cabinet. 2,065,428; Dec. 22.
Chemung Engineering Corporation. (See Crooks, Earl G., assignor.)
Chester, Frederick N., Jersey City, N. J. Thermostatic control apparatus. 2,064,887; Dec. 22.
Christen, Fritz, Zurich, Switzerland. Magnesium alloy. 2,065,170; Dec. 22.
Christiansen, Christian, Fargo, N. Dak. Load lifting, carrying, and dumping machine. 2,065,171; Dec. 22.
Christmann, Ludwig J., Jersey City, and D. W. Jayne, Jr., Elizabeth, N. J., assignors to American Cyanamid Company, New York, N. Y. Flotation frother. 2,065,053; Dec. 22.
Chrysler Corporation. (See Harris, William W., assignor.)
Chrysler Corporation. (See Lee, Roger K., assignor.)
Chrysler Corporation. (See Woolson, Harry T., assignor.)
Chrysler Corporation. (See Zabriskie, William F., assignor.)
Cincinnati Bickford Tool Company, The. (See Schauer, Lawrence L.)
Cincinnati Grinders Incorporated. (See Romaine, Millard, assignor.)
Cincinnati Grinders Incorporated. (See Romaine, M., and Archea, assignors.)
Cincinnati Grinders Incorporated. (See Peaslee, W., Nenninger, and Roehm, assignors.)
Cincinnati Milling Machine Co., The. (See Ernst, H., Martellotti, and Archea, assignors.)
Cincinnati Milling Machine Co., The. (See Romaine, Millard, assignor.)
Cincinnati Time Recorder Company, The. (See Streckfuss, Elmer G., assignor.)
Cincinnati Traction Building Co., The. (See Schoepf, T. H., and Ritchie, assignors.)
Clapp, Kenneth S., Shaker Heights, Ohio. Vapor recovery system. 2,065,429; Dec. 22.
Cleveland Welding Company, The. (See Mueller, Homer L., assignor.)
Climalene Company, The. (See Crites, Bert O., assignor.)
Cobel Company, The. (See Loeber, Edgar O., assignor.)
Cohen, Jacob R., New York, N. Y. Ophthalmic instrument. 2,065,430; Dec. 22.
Collier, Barron. (See Ashe, Marsellus T., assignor.)
Collins Supply & Equipment Company. (See Munson, Willard T., assignor.)
Columbian Carbon Company. (See Glaxner, Herman J., assignor.)
Compania Fundadora Fotoliptofono S. A. (See Crudo, Fernando, assignor.)
Compte y Riqué, Julio, Montevideo, Uruguay. Sleeve-button or cuff link. 2,064,947; Dec. 22.
Connelly, Eleanor B., San Simeon, Calif. Painting. 2,065,266; Dec. 22.
Consolidated Paper Company, The. (See Verhoven, Kramer E., assignor.)
Constantine, Arthur R., River Forest, and A. A. Gedde, assignors to General Household Utilities Company, Chicago, Ill. Shelf construction. 2,065,116; Dec. 22.
Constructors Limited. (See Finer, Henry J., and Bickers, assignors.)
Cotter, Ernest W., South Croydon, assignor to J. Stone & Company Limited, Deptford, England. Sliding window. 2,065,431; Dec. 22.
Cottrell, C. B., & Sons Company. (See Barber, Howard M., assignor.)
Cover, Harvey S., South Bend, Ind. Respirator. 2,065,304; Dec. 22.
Cramer, Robert, and A. C. Orthmann, Milwaukee, Wis. Execution device. 2,064,822; Dec. 22.
Crane, Joshua, Boston, Mass. Safety razor. 2,065,267; Dec. 22.
Crary, Horace A., assignor to Pennsylvania Furnace & Iron Company, Warren, Pa. Truck tank mounting means. 2,065,268; Dec. 22.
Creamer, Edgar R., Detroit, Mich. Upholstery molding. 2,064,823; Dec. 22.
Creighton, Harry M. (See Berndt, E. C., and Creighton.)
Creighton, Harry M., East Norwalk, and E. C. Berndt, Norwalk, assignors to The R. U. V. Engineering Corporation, South Norwalk, Conn. Active ray treating device. 2,065,054; Dec. 22.
Crites, Bert O., University Heights, assignor to The Climalene Company, Canton, Ohio. Making a water-softening cleanser. 2,065,117; Dec. 22.
Crooks, Earl G., assignor to Chemung Engineering Corporation, Elmira, N. Y. Winding machine. 2,065,363; Dec. 22.
Crown Stove Works. (See Rogers, Walter F., assignor.)
Crudo, Fernando, Buenos Aires, Argentina, assignor to Compania Fundadora Fotoliptofono S. A. Photoelectric sound reproduction of phonograms. 2,065,172; Dec. 22.
Culpeper, Charles E. (See Entwistle, Robert C., assignor.)
Cuming, George W., assignor to M. A. Cuming & Co. Inc., New York, N. Y. Hat flanging machine. 2,064,824; Dec. 22.
Cuming, M. A., & Co. (See Cuming, George W., assignor.)
Dahlstrom, Arvid, Chicago, Ill. Automatic phonograph. 2,065,056; Dec. 22.
Daimler Benz Aktiengesellschaft. (See Nallinger, Fritz, assignor.)
Dake, Charles W. (See Campbell, D. J., and Dake.)
Dillenbach, Walter, Berlin-Charlottenburg, Germany. Discharge apparatus containing gas or vapor. 2,065,269; Dec. 22.
Daniels, James. (See Thrasher, W. B., and Daniels.)
Dapron, Joseph M., St. Louis, Mo., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake apparatus for cars. 2,065,212; Dec. 22.
Davis, Archibald H., Jr., New Castle, Pa., assignor, by mesne assignments, to Steel and Tubes, Inc., Cleveland, Ohio. Method and apparatus for testing metals for defects. 2,065,118; Dec. 22.
Davis, Archibald H., Jr., New Castle, Pa., assignor, by mesne assignments, to Steel and Tubes, Inc., Cleveland, Ohio. Flaw detection. 2,065,119; Dec. 22.
Davis, Frank M., Milwaukee, assignor to Davis and Thompson Company, West Allis, Wis. Milling machine spindle mounting. 2,065,173; Dec. 22.

Davis and Thompson Company. (See Davis, Frank M., assignor.)
Dayton Pump & Manufacturing Co., The. (See Eickmeyer, Earl E., assignor.)
Dayton Rubber Manufacturing Company, The. (See Freedlander, Abraham L., assignor.)
Debrie, André L. V. C., Paris, France. Light control strip for cinematographic printing machines. 2,065,057; Dec. 22.
Decker, Francis W. (See McCombs, M. F., and Decker.)
Decorated Metal Manufacturing Company. (See Atwood, Rawson, assignor.)
De Laney, Wallace W., New Haven, and P. S. Madsen, Bethany, Conn., assignors to The Seamless Rubber Company, Inc., New Haven, Conn. Valve for inflatable balls. 2,065,120; Dec. 22.
De Laney, Wallace W., New Haven, and P. S. Madsen, Bethany, Conn., assignors to The Seamless Rubber Company, Inc., New Haven, Conn. Valve for inflatable balls. 2,065,121; Dec. 22.
De Laval Separator Company, The. (See Lindgren, Hans O., assignor.)
Delay, Eugène, Vincennes, France. Brake for automobiles. 2,065,432; Dec. 22.
De Lima, Oscar A., Stamford, Conn. Automobile headlight. 2,065,059; Dec. 22.
De Liso, Vincent, Astoria, N. Y. Turn shoe. 2,065,058; Dec. 22.
De Misa, Michael, Brooklyn, N. Y. Revolving blower and sign card. 2,065,270; Dec. 22.
Dercum, Hermann, Willoughby, Ohio, and A. P. Dodani, Detroit, Mich. Building construction. 2,065,433; Dec. 22.
Detroit Lubricator Company. (See Wile, Daniel D., assignor.)
Devine, Harry C., Jr. (See Summerour, M. A., and Devine.)
Dewhirst, William, assignor to Haskell-Dawes Machine Company, Inc., Philadelphia, Pa. Automatic friction regulator for tubing twisters. 2,065,060; Dec. 22.
Dichter, Jakob, Berlin-Schoneberg, Germany. Molding an article and apparatus therefor. 2,065,305; Dec. 22.
Dickie, William A. (See Dreyfus, H., Dickie, and Taylor.)
Dickinson, Fred A., St. Louis, Mo. Spiral groove rifle magazine. 2,064,888; Dec. 22.
Dietzgen, Eugene, Company. (See Langsner, A., and Lerch, assignors.)
Dietzgen, Eugene, Company. (See Parr, Louis F., assignor.)
Diggins, Bartholomew A., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Goggles. 2,065,122; Dec. 22.
Dike, Paul H. (See Doyle, E. D., and Dike.)
Dirix, Emile, La Calamine, Belgium. Device for converting a rotating motion into a rectilinear reciprocating motion. 2,064,889; Dec. 22.
Ditto, Incorporated. (See Marchev, Alfred, assignor.)
Döbbelin, Walter. (See Rollbühler, H., and Döbbelin.)
Dodani, Athanas P. (See Dercum, H., and Dodani.)
Doering, Richard A., York, Pa. Double acting condiment shaker. 2,065,061; Dec. 22.
Doerseln, Paul, assignor to Silt City Metals Coating Company, Paterson, N. J. Weft thread cutter for looms. 2,065,364; Dec. 22.
Doherty Research Company. (See Hadden, George L., assignor.)
Dolan, Edward F., Los Angeles, and H. C. Mellon, Pasadena, Calif., assignors to U. S. Electrical Motors, Inc. Rotor casting machine. 2,065,213; Dec. 22.
Dominicus, David. (See Will, Heinrich E., assignor.)
Dornier-Metallbauten G. m. b. H. (See Dornier, Claude, assignor.)
Dornier, Claude, assignor to Dornier-Metallbauten G. m. b. H., Friedrichshafen-on-the-Bodensee, Germany. Wing structure for aircraft. 2,064,970; Dec. 22.
Dorr Company, The. (See Howard, Henry, assignor.)
Dorst, James A., United States Army, San Francisco, Calif. Track for tracklaying vehicles. 2,064,890; Dec. 22.
Dow, Dewey M. (See Riebel, F., Jr., and Dow.)
Down, Sidney G., Edgwood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,065,214; Dec. 22.
Downes, John R., Middlesex, N. J., assignor to Pacific Flush-Tank Company, New York, N. Y. Sewage treatment. 2,065,123; Dec. 22.
Dowst Manufacturing Company. (See Bischof, Frank, Jr., assignor.)
Doyle, Edgar D., and P. H. Dike, assignors to Leeds & Northrup Company, Philadelphia, Pa. Measuring system. 2,065,365; Dec. 22.
Dreyfus, Henry, London, England. Manufacture or treatment of products or articles made of or containing cellulose derivatives or other lacquer bases. 2,065,125; Dec. 22.
Dreyfus, Henry, London, W. A. Dickie, and W. I. Taylor, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of artificial filaments, yarns, or threads. 2,065,124; Dec. 22.
Dual Parking Meter Company. (See Johns, Herman S., assignor.)
Dugelay, Paul, assignor to Société d'Exploitation de Brevets pour l'Industrie l'Aviation et l'Automobile (Sebia), Paris, France. Valve for high speed compressors. 2,065,062; Dec. 22.
Du Pont, E. I., de Nemours & Company. (See Salzberg, P. L., and Werntz, assignors.)
Du Pont, E. I., de Nemours & Company. (See Woodhouse, John C., assignor.)
Duro Metal Products Company. (See McNaught, N. F., and Peterson, assignors.)
Dutour, John A., Clifton, Ill. Earth dirt stop for cultivator shovels. 2,065,174; Dec. 22.
Eaton, George, Cleveland, Ohio. Electric toaster. 2,065,434; Dec. 22.
Echberg, Arthur F., assignor to John C. K. Stuart, J. W. D. Greig, and W. R. Featherstone, Toronto, Ontario, Canada. Diatomaceous earth product. 2,065,126; Dec. 22.
Edible Bottle Company. (See Hall, Charles G., assignor.)
Edison, Thomas A., Jr., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Heating unit and the production thereof. 2,064,971; Dec. 22.
Edison, Thomas A., Incorporated. (See Edison, Thomas A., Jr., assignor.)
Egen, Heinrich, assignor to Fried, Krupp Aktiengesellschaft, Essen, Germany. Draft gear for railway vehicles. 2,064,891; Dec. 22.
Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Printing lenticular film. 2,064,892; Dec. 22.
Ehrgott, Vivtor F. (See Barkelew, J. T., and Ehrgott.)
Ehrmantraut, Alfred, Hamilton, Ontario, Canada. Machine for the sale of newspapers. 2,065,127; Dec. 22.
Eichorn, Frederick W., Bellerose, N. Y., assignor to Pres-Toe Flatiron Corporation. Electric iron. 2,065,366; Dec. 22.
Eickmeyer, Earl E., assignor to The Dayton Pump & Manufacturing Co., Dayton, Ohio. Refrigerator. 2,064,972; Dec. 22.
Eisenhut, Otto, Heidelberg, Hanns Rein, Hamberg von den Hohe, and E. Kaupp, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of artificial silk. 2,065,175; Dec. 22.
Elsinger, John O., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Process and apparatus for dispensing gasoline. 2,065,128; Dec. 22.
Elfzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Optical system. 2,064,893; Dec. 22.
Elims, Robert W. (See Miller, L. F., and Elims.)
Engel, Ernst, assignor to Alfred Teves Maschinen und Armaturen-Fabrik Gesellschaft mit beschrankter Haftung, Frankfort-on-the-Main, Germany. Vehicle brake. 2,065,176; Dec. 22.
Engineering and Research Corporation. (See Simmons, James L., assignor.)
Entwistle, Robert C., Flushing, Long Island, N. Y., assignor, by mesne assignments, to C. E. Culpeper, Norwalk, Conn. Knock-down display device for bottled beverages. 2,065,435; Dec. 22.
Epstein, Albert K. (See Cahn, F. J., and Epstein.)
Epstein, Reynolds and Harris. (See Cahn, F. J., and Epstein.)
Erban Operating Corporation. (See Madlé, Alain, assignor.)
Ernst, Hans, M. E. Martellotti, and W. D. Archea, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Milling machine. 2,065,326; Dec. 22.
Ervin, Cecil W., Ada, Okla. Rotary drill bit. 2,065,436; Dec. 22.
Espenschied, Lloyd, Kew Gardens, N. Y., assignor to American Telephone and Telegraph Company. Common medium multichannel exchange system. 2,064,894; Dec. 22.
Espenschied, Lloyd, Kew Gardens, and N. Monk, New York, N. Y., assignors to American Telephone and Telegraph Company. Common medium multichannel exchange system. 2,064,895; Dec. 22.
Espenschied, Lloyd, Kew Gardens, and E. I. Green, East Orange, N. J., assignors to American Telephone and Telegraph Company. Common medium multichannel exchange system. 2,064,896; Dec. 22.
Esselmann, Paul, Wolfen Kreis Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of artificial silk. 2,064,897; Dec. 22.
Etablissements Jacob-Delafon Compagnie Ceramique de Pouilly-sur-Saone et Belvaye. (See Mallet, Charles, assignor.)
Etzrodt, Karl, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Transmission level controlling arrangement. 2,065,489; Dec. 22.
Evans, Robert B., Grosse Pointe, Mich. Sound diffusing apparatus. 2,065,367; Dec. 22.
Ewens, Alfred J., Kenosha, Wis. Motor vehicle. 2,065,437; Dec. 22.
Exolon Company, The. (See Johnson, Fred R., assignor.)
Fafnir Bearing Company, The. (See Hellyar, Charles H., assignor.)
Fallon, John, Birmingham, England. Gas-producer machine or unit for use in conjunction with metallurgical and like furnaces. 2,065,177; Dec. 22.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,065,216; Dec. 22.

Farmer, Clyde C., Pittsburgh, Pa., and J. E. Redford, Florissant, Mo., assignors to the Westinghouse Air Brake Company, Wilmerding, Pa. Slack adjuster. 2,065,215; Dec. 22.
Farrow, Cecil. (See Knerr, H. C., and Farrow.)
Faulds, Norval M., Clearwater, Fla. Fruit juice extractor. 2,065,271; Dec. 22.
Fawcett, Thomas H., Philadelphia, Pa. Locomotive driving wheel. 2,065,217; Dec. 22.
Featherstone, W. Reay, et al. (See Echberg, Arthur F., assignor.)
Febrey, Harold H., South Orange, N. J., assignor to The American Steel and Wire Company of New Jersey. Vibration damper. 2,065,490; Dec. 22.
Federwitz, Theodore A., and W. T. Bailey, Philadelphia, assignors to Stokes & Smith Company, Summerdale, Philadelphia, Pa. Feeding and coating system. 2,065,178; Dec. 22.
Ferris, Howard J., assignor to Starline Inc., Harvard, Ill. Milk strainer and cover. 2,065,063; Dec. 22.
Ferris, Robert G., assignor to Starline, Inc., Harvard, Ill. Vent head. 2,065,438; Dec. 22.
Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Broaching machine. 2,065,219; Dec. 22.
Fetter, Edward, deceased, by F. Kemler, administratrix, assignor, by mesne assignments, to H. V. Lucas, Baltimore, Md. Antiseptic bandage. 2,064,898; Dec. 22.
Fibreboard Products Inc. (See Ford, G. F., and Pittman, assignors.)
Filehr, Paul, Kassel-K, Germany. Regulating the fuel feed of internal combustion engines. 2,065,272; Dec. 22.
Finer, Henry J., and J. Bickers, Erdington, assignors to Constructors Limited, Birmingham, England. Adjustable shelving. 2,064,899; Dec. 22.
Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Pressure applying pad. 2,064,900; Dec. 22.
Firestone Steel Products Company, The. (See Soper, Cleveland C., assignor.)
Firestone Tire & Rubber Company, The. (See Stevens, Horace D., assignor.)
Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. (Constructional material. 2,065,439; Dec. 22.
Fischer, Wallace C., Chicago, Ill. Pavement. 2,065,064; Dec. 22.
Flanders, Warren B., Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine. 2,064,825; Dec. 22.
Flgum, Julius, New York, N. Y. Electrical mixer. 2,065,440; Dec. 22.
Fletcher, James, Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Digester. 2,064,901; Dec. 22.
Flint, Alfred. (See Appleyard, K. C., and Flint.)
Folk, Joseph, assignors to U. S. Slicing Machine Company, La Porte, Ind. Slicing mechanism. 2,065,129; Dec. 22.
Food Machinery Corporation. (See Stockdale, Harry C., assignor.)
Ford, George F., Beverly Hills, and W. F. Pittman, Huntington Park, assignors to Fibreboard Products Inc., San Francisco, Calif. Method and apparatus for making containers. 2,065,441; Dec. 22.
Ford, Henry, assignor to Ford Motor Company, Detroit, Mich. Automobile chassis construction. 2,065,065; Dec. 22.
Ford Motor Company. (See Ford, Henry, assignor.)
Ford Motor Company. (See Groven, Fredrick J., assignor.)
Ford Motor Company. (See Ploch, W. F., and Pascoe, assignors.)
Forschner, A. J., et al. (See Ulrich, Charles B., assignor.)
Fosse, Nils O., Holla, Ulefoss, Norway. Ski. 2,065,179; Dec. 22.
Free Sewing Machine Co. (See Southam, G. A., and Wainwright, assignors.)
Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Making driving belts. 2,065,180; Dec. 22.
Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Printer's blanket. 2,065,442; Dec. 22.
Freeman, Michael J., New York, N. Y. Nonrefillable bottle. 2,064,902; Dec. 22.
Freeze, Jonathan R., assignor to The American Rolling Mill Company, Middletown, Ohio. Corrugated metallic conduits and making them. 2,065,368; Dec. 22.
French, Edward R., assignor to M. J. Lukens, Philadelphia, Pa. Dispensing device. 2,065,181; Dec. 22.
Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Alternating current switch mechanism. 2,065,443; Dec. 22.
Freter, Roy J., and A. H. Gaess, Waterbury, assignors to The E. J. Manville Machine Company, Waterbury, Conn. Thread rolling machine. 2,065,066; Dec. 22.
Freund, Hugo A., et al. (See Nichols, Horace E., assignor.)
Frey, Charles N. (See Kirby, G. W., and Frey.)
Friedman, Julius H. (See Singer, S., Silverman, Friedman, and Bercovitz.)
Friess, Horst, Leipzig, Germany. Bronzing machine. 2,065,306; Dec. 22.
Fruit Growers Express Company. (See Sweeley, E. A., and Killingstad, assignors.)
Fullmer, Giles C., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Electric flashlight. 2,065,207; Dec. 22.
Fyler, George W., Schenectady, N. Y., assignor to General Electric Company. Radio transmitting system. 2,065,369; Dec. 22.
Gabriel, Arthur R., New Rochelle, N. Y., assignor to Saml. Gabriel Sons & Company, New York, N. Y. Article of decoration. 2,064,826; Dec. 22.
Gabriel, Saml., Sons & Company. (See Gabriel, Arthur R., assignor.)
Gaess, Albert H. (See Freter, R. J., and Gaess.)
Gallant, Augustine G. N., Wilmington, Mass. Storage battery. 2,065,444; Dec. 22.
Gallens, Aaron, assignor to Bunin, Gallens & Co., Inc., New York, N. Y. Sewing machine. 2,064,973; Dec. 22.
Galliot, Norbert, Vaucresson, France. Recoil-aborbing device for firearms. 2,065,273; Dec. 22.
Gaison, Henry L., Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Air distributing system. 2,065,445; Dec. 22.
Gardner, William M., Drumheller, Alberta, Canada. Automatic safety switch. 2,064,827; Dec. 22.
Garesché, Claude F., South Orange, N. J., assignor to National Lead Company, New York, N. Y. Manufacture of metallic fume. 2,065,218; Dec. 22.
Gargano, Frank J., and J. Nadler, Brooklyn, N. Y. Bottle stopper valve. 2,065,446; Dec. 22.
Gas and Oil Lock Corporation, The. (See Young, Marvin S., assignor.)
Gasoline Products Co. (See Keith, Percival C., Jr., assignor.)
Gates, Austin D. (See Langenhorst, F. A., and Gates.)
Gates, Renfrew W., Gainesville, Fla. Egg case filler. 2,065,447; Dec. 22.
Gedde, Andrew A. (See Constantine, A. R., and Gedde.)
Gelinsky, Ernst, Berlin, Germany. Chest for surgical bandages in strip-form. 2,065,370; Dec. 22.
General Aniline Works Inc. (See Rieche, Alfred, assignor.)
General Electric Company. (See Anderson, Arvid E., assignor.)
General Electric Company. (See Fyler, George W., assignor.)
General Electric Company. (See Kienle, Roy H., assignor.)
General Electric Company. (See McLachlan, Willard J., assignor.)
General Electric Company. (See Newton, Harold D., assignor.)
General Electric Company. (See Steenstrup, Christian, assignor.)
General Electric Company. (See von Hoorn, Fred G., assignor.)
General Household Utilities Company. (See Constantine, A. R., and Gedde, assignors.)
General Motors Corporation. (See Nance, James J., assignor.)
General Motors Corporation. (See Nutt, Frank N., assignor.)
General Motors Corporation. (See Schweller, Edmund F., assignor.)
George, James A., Brackenridge, Pa. Tire trimming device. 2,065,448; Dec. 22.
Geyer, Paul W., New York, N. Y. Signaling system. 2,065,308; Dec. 22.
Ghignatti, Gabriel P., Cattanooga, Tenn. Vacuum cleaner attachment. 2,064,903; Dec. 22.
Gilliam-Stroud, Inc., et al. (See Stroud, William A., assignor.)
Girdler Corporation, The. (See Bottoms, Robert R., assignor.)
Givaudan-Delawanna, Inc. (See Carpenter, Marion S., assignor.)
Glaxner, Herman J., Monroe, La., assignor to Columbian Carbon Company, New York, N. Y. Making aggregates of carbon black. 2,065,371; Dec. 22.
Goerlich, John E. (See Hadley, Harold F., assignor.)
Goldhammer, Leo, Munich, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Camera. 2,065,449; Dec. 22.
Good, Andrew, Glendora, Calif., assignor, by mesne assignments to Mergenthaler Linotype Company. Keyboard unit for line casting machines. 2,065,274; Dec. 22.
Gordon, Peter, Venice, Calif. Padding for carpets and the like. 2,065,450; Dec. 22.
Goughnour, Charles L., York, Pa. Electric heating circuit control. 2,065,451; Dec. 22.
Grand, Gordon, et al. (See Twachtman, Quentin, assignor).
Grant, Jim A. (See Lowry, G. A., and Grant.)
Grant, John. (See Barkelew, J. T., and Ehrgott, assignors.)
Grant, Richard S., and A. A. Schlegel, Akron, assignors to The Jalte-Grant Display Bag Company, Cleveland, Ohio. Apparatus for making window bags and wrappers. 2,065,327; Dec. 22.
Grau, H. E., Pasadena, C. A. Lundeen and G. E. Mullinax, South Gate, assignors to Byron Jackson Co., Los Angeles, Calif. Slip elevator construction. 2,065,130; Dec. 22.
Green, Estill I. (See Espenschied, L., and Green.)

Green, Estill I., East Orange, N. J., assignor to American Telephone and Telegraph Company. Common medium multichannel exchange system. 2,064,904; Dec. 22.
Green, Estill I., East Orange, N. J., assignor to American Telephone and Telegraph Company. Common medium multichannel exchange system. 2,064,905; Dec. 22.
Green, Estill I., East Orange, N. J., assignor to American Telephone and Telegraph Company. Common medium multichannel exchange system. 2,064,907; Dec. 22.
Green, Estill I., East Orange, N. J., N. Monk, New York, W. H. Tidd, White Plains, N. Y., assignors to American Telephone and Telegraph Company. Common medium multichannel exchange system. 2,064,906; Dec. 22.
Greig, J. W. D., et al. (See Echberg, Arthur F., assignor.)
Greulich, Gerald G., Mount Lebanon, Pa. Structural member. 2,065,493; Dec. 22.
Greulich, Gerald G., Mount Lebanon, Pa. Welded structural member. 2,065,494; Dec. 22.
Grohsgal, Alexis C., Englewood, N. J., assignor of one-half to J. J. Steinharter, New York, N. Y., and one-half to himself. Multiband radio apparatus. 2,064,828; Dec. 22.
Groven, Frederick J., Highland Park, assignor to Ford Motor Company, Dearborn, Mich. Method of and apparatus for adjusting ignition distributors. 2,065,067; Dec. 22.
Gruell, Herbert Q., Erlanger, Ky. Electrode holder. 2,064,908; Dec. 22.
Gudeman, Leo, New York, N. Y. Portable electric lamp. 2,065,068; Dec. 22.
Gulf Oil Corporation. (See Smith, Herschel G., assignor.)
Gummi-Tank A.-G., Rubber Tank Ltd. (See Zimmermann, Ernst, assignor.)
Gustafson, Carl A., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 2,064,829; Dec. 22.
Haas, Lucien L. (See Mac Kenzie, R. J., and Haas.)
Hacker Manufacturing Co. (See Trotter, Henry R., assignor.)
Hadden, George L., South Orange, N. J., assignor to Doherty Research Company, New York, N. Y. Coating plaster. 2,065,069; Dec. 22.
Hadley, Harold F., assignor to J. E. Goerlich, Toledo, Ohio. Deflector and control for vehicle heaters. 2,065,328; Dec. 22.
Hahn, Otto W., San Francisco, Calif. Thermostatic fuel control. 2,064,909; Dec. 22.
Hale, Roger W., Rumford, R. I. Machine-made tubular braid and making same. 2,064,974; Dec. 22.
Haley, Grace I., (See Baule, Gerhard H. J., assignor.)
Hall, Charles G., Caldwell, Idaho, assignor to Edible Bottle Company. Device and making confection covers. 2,065,452; Dec. 22.
Hall, Harold P., Seattle, Wash. Dispensing container for mayonnaise and the like. 2,065,131; Dec. 22.
Hallen, Karl. (See Körös, L., and Hallen.)
Haloid Company, The. (See Lloyd, W. P., and Hill, assignors.)
Hamer, Lewis, Rutherford, N. J., assignor, by mesne assignments, to S. H. Scheuer. Ornamental woven fabric. 2,065,309; Dec. 22.
Hamilton, George H., assignor to American Seating Company, Grand Rapids, Mich. Seat construction. 2,065,310; Dec. 22.
Hammerstrom, Karl R., Dormont, Pa., assignor to Railroad Research Bureau of The Subsidiary Manufacturing Companies of The United States Steel Corporation. Car truck side frame. 2,065,453; Dec. 22.
Hammerstrom, Karl R., Dormont, Pa., assignor to The Railroad Research Bureau of The Manufacturing Companies of The United States Steel Corporation. Car truck bolster. 2,065,454; Dec. 22.
Hammon, James H., Vincennes, Ind. Multifocal ophthalmic lens and blank and making the same. 2,065,132; Dec. 22.
Hampton Company. (See McConnell, Thomas, assignor.)
Handwerk, Otto T., Chicago, Ill., assignor, by mesne assignments, to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,065,220; Dec. 22.
Hanlon-Waters, Inc. (See Waters, Millard F., assignor.)
Hann, William E., Detroit, Mich., assignor to The Worth Company. Car loading device. 2,064,975; Dec. 22.
Hanson, Francis G., Los Angeles, Calif. Window fastener structure. 2,064,830; Dec. 22.
Hanson, Milton E., Collingswood, N. J., assignor to B. F. Sturtevant Company. Apparatus for drying materials applied to sheets. 2,065,070; Dec. 22.
Harbert, Chester A., Jennings, La. Reducing machine. 2,065,455; Dec. 22.
Harm, George O., assignor to M. L. Harm, Warren, Ohio. Clock. 2,065,491; Dec. 22.
Harm, Marjorie L. (See Harm, George O., assignor.)
Harper, Clarence S., San Diego, Calif. Reenforced monolith building construction. 2,064,910; Dec. 22.
Harris, Benjamin R., et al. (See Cahn, F. J., assignor, and Epstein.)
Harris, Benjamin R., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Treatment of cheese. 2,065,182; Dec. 22.
Harris, Benjamin R., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Processed cheese and preparing the same. 2,065,183; Dec. 22.
Harris, William W., assignor to Chrysler Corporation, Detroit, Mich. Vehicle wheel suspension. 2,065,071; Dec. 22.
Harrisburg Steel Corporation. (See Strong, Eldred J., assignor.)
Haskell-Dawes Machine Company. (See Dewhirst, William, assignor.)
Hawksley, Ray, Hastings-on-Hudson, assignor to Anaconda Wire & Cable Company, New York, N. Y. Shield conductor. 2,064,831; Dec. 22.
Hayenga, Jack A., and F. E. Brooks, assignor of one-half to R. O. Bohannon, Yakima, Wash. Sonnd damping device for microphones. 2,065,456; Dec. 22.
Hayes, Harvey C., Washington, D. C. Sound generatiug and directing apparatus. 2,064,911; Dec. 22.
Heaton, Herman C., Kenilworth, and W. E. Watt, Evanston, Ill., assignors to B. F. Sturtevant Company. Ventilating system. 2,064,912; Dec. 22.
Hecht, Gerhard. (See Reitmann, J., and Hecht.)
Hecht, Hermann. (See Hubert E., and Hecht.)
Hedges, Harry O., assignor to Hedges Motor Company, Seattle, Wash. Internal combustion engine. 2,064,913; Dec. 22.
Hedges Motor Company. (See Hedges, Harry O., assignor.)
Heinrich, Walter A., assignor to James R. Kearney Corporation, St. Louis, Mo. Ground rod. 2,065,184; Dec. 22.
Heinzel, Joseph, Copiague, N. Y. Oil and gas burner. 2,064,914; Dec. 22.
Heko-Werk Chemische Fabrik A. G. (See Keil, Alfred, assignor.)
Hellyar, Charles H., assignor to The Fafnir Bearing Company, New Britain, Conn. Lapping device. 2,065,221; Dec. 22.
Heppenstall, Thomas E., Longview, Wash. Shelving. 2,065,133; Dec. 22.
Hercules Glue Company. (See Lindstaedt, Frank F., assignor.)
Herman, Harold M., and R. G. Horwitz, Chicago, Ill. Paper dispenser. 2,065,457; Dec. 22.
Herrick, Howard U., et al. (See Krueger, Frank, assignor.)
Hertzka, Elsa, New York, N. Y. Spool. 2,065,072; Dec. 22.
Hester, Donald M., Lakewood, Ohio. Metal wheel and making the same. 2,065,275; Dec. 22.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Train braking system. 2,065,222; Dec. 22.
Heymer, Gerd. (See Eggert, J., and Heymer.)
Hickok W. O., Manufacturing Company. (See Broadmeyer, Albert, assignor.)
Hill, Maxwell H. (See Lloyd, W. P., and Hill.)
Hines, Posie L., Roanoke, Va. Attaching sunshade glasses to spectacles. 2,065,458; Dec. 22.
Hirsch, Rudolph, North Bergen, N. J. Bit for smoking pipes and the like. 2,065,223; Dec. 22.
Hirshfeld, Clarence F., Detroit, Mich., assignor, by mesne assignments, to Transit Research Corporation, New York, N. Y. Wheel. 2,065,134; Dec. 22.
Hladik, Ladislav, Pilsen, assignor to Limited Company, formerly the Skoda Works, Pizen, Prague, Czechoslovakia. Frictional and positive clutch mechanism. 2,065,224; Dec. 22.
Hoff, Chester A., assignor to The Akron Lamp Company, Akron, Ohio. Self-heating sadiron. 2,065,492; Dec. 22.
Hoke, William E., Baltimore, Md. Roller bearing. 2,065,311; Dec. 22.
Hollander, Adrian J., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Timing device. 2,064,832; Dec. 22.
Hookless Fastener Company. (See Sundback, Gideon, assignor.)
Horn, George H., Vesper, Wis. Apparatus for washing milk cans and the like. 2,065,466; Dec. 22.
Horvitz Patent Holding Corporation. (See Knapp, Walter R., assignor.)
Horwitz, Ruben G. (See Herman, H. M., and Horwitz.)
Howard, Henry, Newport, R. I., assignor to The Dorr Company, Inc., New York, N. Y. Cooling of liquids. 2,064,833; Dec. 22.
Hubert, Emil, Dessau-Ziebigk, and H. Hecht, Dessau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of shaped articles from viscose. 2,064,915; Dec. 22.
Huddleston, Charles E., deceased, Fullerton, and M. S. Black, Huntington Park, J. S. Huddleston, administratrix of said C. E. Huddleston, assignors to W. H. Maxwell, Beverly Hills, Calif. Jarring tool. 2,065,135; Dec. 22.
Huddleston, Julia S., administratrix. (See Huddleston, C. E., and Black.)
Huebner, William C., New York, N. Y. Printing. 2,065,136; Dec. 22.
Huff, Lyman C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,064,834; Dec. 22.
Hunt, Clinton H. (See Rieger, E. W., and Hunt.)
Hutchison, Frank C., Kansas City, Mo., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Welding process and apparatus. 2,065,467; Dec. 22.
Hyde, Reed W., Summit, N. J. Separation of cadmium from its ores. 2,064,835; Dec. 22.

Hydraulic Brake Company. (See Bowen, Herbert C., assignor.)
Hydraulic Brake Company. (See Loughead, Malcolm, assignor.)
Hydraulic Brake Company. (See Oliver, Wallace F., assignor.)
Hydraulic Brake Company. (See Oliver, W. F., Bowen, and Loweke, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Brodersen, Karl, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Eggert, J., and Heymer, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Eisenhut, O., Rein, and Kaupp, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Esselmann, Paul, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hubert, E., and Hecht, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Kösslinger, K., and Bayerl, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Mueller-Cunradi, M., and Otto, assignors.)
Imperial Brass Manufacturing Company, The. (See Lang, Frank M., assignor.)
Industrial Patents Corporation. (See Roth, W. D., Brown, and Phelps, assignors.)
Ingersoll-Rand Company. (See Kirgan, John, assignor.)
International Harvester Company. (See Lindgren, A. C., and Baker, assignors.)
International Harvester Company. (See Raney, Clemma R., assignor.)
International Harvester Company. (See Reinoehl, H. K., and Kuttler, assignors.)
International Patents Development Company. (See Jeffries, Frederick L., assignor.)
Ish-Shalom, Samu-El, and O. I. Bloom, assignors to Mergenthaler Linotype Company. Type arrangement for composing machines. 2,065,155; Dec. 22.
Ittner, Martin H. (See Lowry, G. A., and Grant, assignors.)
Jabouley, Joanny, Spondon, near Derby, England, assignor to Celanese Corporation of America. Circular loom. 2,065,137; Dec. 22.
Jacklitch, Frank A., Lakewood, Ohio, assignor to M. W. Kleckner, trustee. Transmission mechanism. 2,065,073; Dec. 22.
Jackson, Walter H., Summit, N. J. Antiskid device. 2,065,312; Dec. 22.
Jagschitz, Konrad, Mainz, assignor to Maschinenfabrik Augsburg-Nurnberg A. G., Nuremberg, Germany. Bell gasholder. 2,064,916; Dec. 22.
Jalte-Grant Display Bag Company, The. (See Grant, R. S., and Schlegel, assignors.)
Jänicke, Hermann, Dessau, assignors to T. Junkers, Gauting, near Munich, Germany. Regulation of free-piston motor compressors. 2,064,976; Dec. 22.
Jayne, David W., Jr. (See Christmann, L. J., and Jayne.)
Jeandell, James D., Wilmington, Del. Hobbyhorse. 2,065,074; Dec. 22.
Jefferies, Frederick L., La Grange, Ill., assignor to International Patents Development Company, Wilmington, Del. Starch making system. 2,065,313; Dec. 22.
Jeffres, Walter, Midwest, Wyo. Quick adjustable wrench. 2,065,276; Dec. 22.
Jeffries, Oscar S. (See Ball, H. W., Kloos, and Jeffries.)
Jenkins, Henry K., Andover, Mass. Service and emergency brake control. 2,065,459; Dec. 22.
Jensen, Henry M., United States Navy. Navigational instrument. 2,064,917; Dec. 22.
Jensen, Niels G., Viborg, Denmark. Lifting jack. 2,065,277; Dec. 22.
Johns, Herman S., assignor to Dual Parking Meter Company, Oklahoma City, Okla. Meter for vehicle parking. 2,065,075; Dec. 22.
Johns-Manville Corporation. (See Cannon, Phillip D., assignor.)
Johnson, Fred R., Hamburg, assignor to The Exolon Company, Blasdell, N. Y. Magnetic separation. 2,065,460; Dec. 22.
Johnson, Helen S., Oak Park, Ill. Traffic lane marker. 2,065,314; Dec. 22.
Johnson Motor Company. (See Rayniak, Joseph G., assignor.)
Johnston, Edward A., Chicago, Ill. Razor blade sharpener. 2,064,836; Dec. 22.
Johnston, Howard A., Toronto, Ontario, Canada. Stretcher for use with drying forms. 2,065,372; Dec. 22.
Johnston, Robert F., McKeesport, Pa., assignor to American Sheet and Tin Plate Company. Removing cavities from sheet metal. 2,065,461; Dec. 22.
Jones, Kenneth W., Cheam, England. Device for cutting loops of wool such as are formed in making wool rugs, mats, carpets, or the like. 2,065,185; Dec. 22.
Jones & Lamson Machine Company. (See Lovely, John E., assignor.)
Jorrand, Jean A., Aubusson, France. Apparatus for lighting cigarettes or cigars. 2,065,278; Dec. 22.
Jung, Heinrich. (See Andersag, H., and Jung.)
Junkers, Therese. (See Jänicke, Hermann, assignor.)
K. P. F. Electric Company. (See Wilkins, Roy, assignor.)
Kahn, Leon, Brooklyn, N. Y. Foundation girdle. 2,064,977; Dec. 22.
Karageorgieff, Christoph, Vienna, Austria. Tapping and refill-controlling device. 2,065,373; Dec. 22.
Kaselitz, Oskar, Berlin, Germany. Recovering nitrogen from nitrosyl chloride. 2,064,978; Dec. 22.
Kaselitz, Oskar, Berlin, Germany. Production of alkali orthophosphates. 2,064,979; Dec. 22.
Kauffman, Walter L., II., assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,065,329; Dec. 22.
Kauffman, Walter L., II., assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,065,330; Dec. 22.
Kaufman, Alois, Vienna, Austria. Pyrophoric lighter. 2,065,374; Dec. 22.
Kaufman, Charles, Parma, assignor to The National Machinery Company, Tiffin, Ohio. Bolt and the like and process of making. 2,064,918; Dec. 22.
Kaupp, Erich. (See Eisenhut, O., Rein, and Kaupp.)
Kearney, James R., Corporation. (See Heinrich, Walter A., assignor.)
Keath, Howard B., assignor to Wagner Electric Corporation, St. Louis, Mo. Flexible guard for bushing terminals. 2,065,315; Dec. 22.
Keil, Alfred, Berlin, assignor to Heko-Werk Chemische Fabrik A. G., Berlin-Tempelhof, Germany. Heater casing for use with a dental press. 2,065,186; Dec. 22.
Keil, Francis, & Son, Inc. (See Keil, Henry F., assignor.
Keil, Henry F., Scarsdale, N. Y., assignor to Francis Keil & Son, Inc. Key construction. 2,065,468; Dec. 22.
Keith, Percival C., Jr., Peapack, assignor to Gasoline Products Co., Inc., Newark, N. J. Treatment of hydrocarbon oil. 2,065,470; Dec. 22.
Kellam, David S., Atlanta, Ga. Hose clamp. 2,064,919; Dec. 22.
Kelly, Frederick G. (See Stirlen, E. D., and Kelly.)
Kelly, Frederick G., assignor to American Teletector Corporation, New Haven, Conn. Detecting system. 2,064,980; Dec. 22.
Keltonik, Stephen, Conemaugh, Pa. Sled propeller. 2,065,375; Dec. 22.
Kemler, Florence, administratrix. (See Fetter, Edward.)
Kennedy, Benjamin H., Rochester, N. Y. Canopy for children's play devices. 2,065,225; Dec. 22.
Kennedy, Benjamin H., Rochester, N. Y. Accessory for infants' bathing devices. 2,065,226; Dec. 22.
Kennedy, Charles L., Columbia, S. C. Loom. 2,065,076; Dec. 22.
Kent, Alfred W., Groby, assignor to Wildt and Company, Limited, Leicester, England. Circular knitting machine of the double axially opposed needle cylinder type. 2,065,469; Dec. 22.
Keyes, Gordon F., assignor to The Mullins Manufacturing Corporation, Salem, Ohio. Freezing unit for refrigerators. 2,064,837; Dec. 22.
Kidd, Jerome F., assignor to U. N. C. Corporation, East St. Louis, Ill. Apparatus for cracking nuts. 2,065,376; Dec. 22.
Kienle, Roy H., Schenectady, N. Y., assignor to General Electric Company. Preparing mixed esters. 2,065,331; Dec. 22.
Kiesel, William F., Jr., Hollidaysburg, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Braking system. 2,065,377; Dec. 22.
Killingstad, Ralph. (See Sweeley, E. A., and Killingstad.)
Kimsel, Paul, assignor of one-half to C. Winter, Chicago, Ill. Making reproductions. 2,065,316; Dec. 22.
Kinsella, Edward, and C. W. Addy, Spondon, near Derby, England, assignors to Celanese Corporation of America. Balancing means for spinning machines. 2,064,920; Dec. 22.
Kinsella, Edward, and C. W. Addy, Spondon, near Derby, England, assignors to Celanese Corporation of America. Spindle of cap-spinning machines. 2,064,921; Dec. 22.
Kinsella, Edward, and C. W. Addy, Spondon, near Derby, England, assignors to Celanese Corporation of America. Lifter apparatus for spinning machines. 2,064,922; Dec. 22.
Kinsella, Edward, and C. W. Addy, Spondon, near Derby, England, assignors to Celanese Corporation of America. Lifter motion of spinning machines. 2,064,923; Dec. 22.
Kinsella, Edward, and C. W. Addy, Spondon, near Derby, England, assignors to Celanese Corporation of America. Lifter motion of spinning apparatus. 2,064,924; Dec. 22.
Kirby, George W., Bronx, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Preparation of a yeast product. 2,065,332; Dec. 22.
Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Vacuum refrigerating unit. 2,065,187; Dec. 22.
Kirley, Arthur A., New York, N. Y. Expansion rivet. 2,065,333; Dec. 22.
Kiwad, Isidore, Brooklyn, N. Y. Hat forming machine. 2,065,077; Dec. 22.
Kleckner, Milton W. (See Jacklitch, Frank A., assignor.)
Kline, William, Roanoke, Va. Ink feeder for printing presses, etc. 2,065,279; Dec. 22.
Kling, Fred E., Youngstown, Ohio. Structural shape. 2,065,378; Dec. 22.
Kloos, John. (See Ball, H. W., Kloos, and Jeffries.)
Knapp, Walter R., Pelham, assignor, by mesne assignments, to Horvitz Patent Holding Corporation, New York, N. Y. Recovery of acid gases. 2,064,838; Dec. 22.
Knapp, William J., et al. (See Twatchman, Quentin, assignor.)

Knerr, Horace C., and C. Farrow, assignors to Steel & Tubes, Inc., Cleveland, Ohio. Method and apparatus for testing metal articles for defects. 2,065,379; Dec. 22.

Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Braun tube for television receiver apparatus. 2,064,981; Dec. 22.

Knötschke, Carl A. R., Amsterdam, Netherlands. Suspension device for electric light fittings. 2,065,317; Dec. 22.

Kolitsch, Vlado, New York, N. Y. Removable shoulder rest for violins. 2,064,925; Dec. 22.

Koppe, Georg, Prague, Czechoslovakia. Carburetor. 2,065,334; Dec. 22.

Körös, Ladislaus, Berlin-Mariendorf, and K. Hallen, Berlin-Tempelhof, Germany. Arrangement for deriving currents. 2,065,280; Dec. 22.

Kösslinger, Karl, and A. Bayerl, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of viscose. 2,065,188; Dec. 22.

Kraemer, Albert J., Washington, D. C. Improving mineral oils containing lime. 2,065,281; Dec. 22.

Kraft-Phenix Cheese Corporation. (See Harris, Benjamin R., assignor.)

Krag, Harry W., assignor to American Shoe Machinery and Tool Company, St. Louis, Mo. Sewing machine. 2,064,982; Dec. 22.

Krider, George E., Duncansville, assignor to McLanahan & Stone Corporation, Hollidaysburg, Pa. Crushing roll construction. 2,065,471; Dec. 22.

Kroll, Nathan J., and S. Kroll, Chicago, Ill. Combination hinge and latch. 2,064,839; Dec. 22.

Kroll, Samuel. (See Kroll, Nathan J., and S.)

Krueger, Frank, Brooklyn, N. Y., assignor of one-third to H. U. Herrick, Claverack, N. Y., and one-third to H. H. Pinney, Shaker Heights, Ohio. Container seam. 2,065,282; Dec. 22.

Krupp, Fried, Aktiengesellschaft. (See Egen, Heinrich, assignor.)

Kuebler, Chester A., Erie, Pa. Refrigerator. 2,064,926; Dec. 22.

Klippenbender, Heinz, Dresden-Strehlen, assignor to Zeiss Ikon Aktiengesellschaft Dresden, Dresden, Germany. Combined photographic camera and distance meter. 2,065,335; Dec. 22.

Kuttler, Joseph. (See Reinoehl, H. K., and Kuttler.)

Ladd, Frank C., Turners Falls, Mass. Paper finishing machine. 2,065,189; Dec. 22.

Lamson, Paul W., Cleveland Heights, Ohio. Machine for cutting sheets of rubber, linoleum, and the like. 2,065,380; Dec. 22.

Lane, Alfred M., St. Louis County, assignor to Monarch Metal Weatherstrip Corporation, St. Louis, Mo. Weather strip. 2,065,078; Dec. 22.

Lang, Frank M., West Allis, Wis., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Tube cutter. 2,065,138; Dec. 22.

Langenhorst, Frank A., and A. D. Gates, Winter Haven, Fla. Metallic boat. 2,064,927; Dec. 22.

Langsner, Adolph, and W. H. Lerch, assignors to Eugene Dietzgen Company, Chicago, Ill. Pin mounting. 2,065,472; Dec. 22.

Langton, William E., Toronto, Ontario, Canada. Vibration absorber for transmission-line conductors. 2,065,336; Dec. 22.

Lascoff, Jacob L., New York, N. Y. Capsule filling apparatus. 2,064,840; Dec. 22.

Laurent, Milton P., assignor to W-K-M Company, Houston, Tex. Well flowing device. 2,065,227; Dec. 22.

Lauterbur, Edward J., Sidney, Ohio. Weighing, sifting, and delivering apparatus. 2,065,079; Dec. 22.

Lawler Automatic Controls. (See Thulman, Robert K., assignor.)

Lawrence, Richard B., Detroit, Mich. Cooking device. 2,065,318; Dec. 22.

Lee, Arthur, Newark, N. J. Self-propeller toy fish. 2,065,337; Dec. 22.

Lee, Roger K., Highland Park, assignor to Chrysler Corportion, Detroit, Mich. Motor vehicle. 2,065,080; Dec. 22.

Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Valve operating mechanism. 2,065,081; Dec. 22.

Leeds & Northrup Company. (See Doyle, E. D., and Dike, assignor.)

Leissner, Harry F., Sodertalje, Sweden. Liquid packing. 2,065,283; Dec. 22.

Lerch, William H. (See Langsner, A., and Lerch.)

Lesage, Alfred, Schweinfurt, Germany. Two stroke piston-controlled engine. 2,064,983; Dec. 22.

Lesavoy, Isadore L., Allentown, Pa. Bifurcated undergarment. 2,065,381; Dec. 22.

Levy, Benjamin, Oakland, Calif. Brake. 2,065,382; Dec. 22.

Lewis, Arthur J., Stratford, assignor to The Baird Machine Company, Bridgeport, Conn. Hopper feed. 2,065,319; Dec. 22.

Lewis, Bernard F., assignor to Northwest Chemical Co., Inc., Detroit, Mich. Electrodeposition of metals. 2,065,082; Dec. 22.

Lewis Invisible Stitch Machine Company. (See Bowman, Louis G., assignor.)

Lewis, Varnum S., New Rochelle, assignor to Prat-Daniel Corporation, New York, N. Y. Packing joints for heat exchangers. 2,064,928; Dec. 22.

Liebmann, Gerhard, Berlin, Germany. Coupling element. 2,064,841; Dec. 22.

Liguori, Michael, Lodi, N. Y. Hair comb. 2,065,228; Dec. 22.

Limited Company. (See Hladik, Ladislav, assignor.)

Lincoln Electric Company, The. (See Stine, Wilmer E., assignor.)

Lindgren, Alexus C., Chicago, and D. B. Baker, Riverside, Ill., assignors to International Harvester Company. Power lift mechanism. 2,065,139; Dec. 22.

Lindgren, Hans O., Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Centrifuge. 2,065,229; Dec. 22.

Lindstaedt, Frank F., Oakland, assignor to Hercules Glue Company, Ltd., San Francisco, Calif. Alkaloidal compounds. 2,065,190; Dec. 22.

Linton, Samuel E., Jr., Shelbyville, Tenn. Mechanical pencil and making it. 2,065,230; Dec. 11.

Liwschütz, Georg, Berlin, Germany, assignor to Naamloose Venootchapp Adverteerings Maatschappij, The Hague, Netherlands. Apparatus for operating movable members. 2,065,473; Dec. 22.

Lloyd, Whitten P., and M. H. Hill, assignors to The Haloid Company, Rochester, N. Y. Photocopy machine. 2,065,383; Dec. 22.

Loeber, Edgar O., Cleveland Heights, assignor to The Cobel Company, Lakewood, Ohio. Ventilated face stay. 2,065,191; Dec. 22.

Lomax, Frank B., administrator. (See Lomax, William L.)

Lomax, William L., deceased, to F. B. Lomax, administrator, Chicago, Ill. Apparatus for treating eggs. 2,065,384; Dec. 22.

Lord-Mott Company. (See Mills, Rufus A.)

Loudenslager, Charles S., Jr. (See Loudenslager, Charles S., Sr., and C. S., Jr.)

Loudenslager, Charles S., Sr., and C. S. Loudenslager, Jr., Columbus, Ohio. Closure. 2,065,231; Dec. 22.

Loughead, Malcolm, assignor to Hydraulic Brake Company, Los Angeles, Calif. Brake mechanism. 2,065,084; Dec. 22.

Lovell Manufacturing Company. (See Kauffman, Walter L., II, assignor.)

Lovely, John E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Stock feeding mechanism. 2,065,083; Dec. 22.

Loweke, Erwin F. (See Oliver, W. F., Bowen, and Loweke.)

Lowry, Charles D., Jr., and F. J. Skowronski, assignors, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oil. 2,064,842; Dec. 22.

Lowry, George A., and J. A. Grant, New York, N. Y., assignors to M. H. Ittner, Jersey City, N. J. Producing fibrous cellulose from plant stalks and utilization of such fibrous cellulose. 2,064,929; Dec. 22.

Lucas, Henry V. (See Fetter, Edward, assignor.)

Luckett, William S., New York, N. Y. Hogshead. 2,065,320; Dec. 22.

Ludwig, Louis, Brooklyn, N. Y. Venting means for electric fuses. 2,065,338; Dec. 22.

Lukens, Milton J. (See French, Edward R., assignor.)

Lundeen, Chester A. (See Grau, H. E., Lundeen, and Mullinix.)

Lundeen, Chester A., assignor to Byron Jackson Co., Los Angeles, Calif. Link retainer for well casing elevators. 2,064,930; Dec. 22.

Lundeen, Chester A., assignor to Byron Jackson Co., Los Angeles, Calif. Slip elevator construction. 2,065,140; Dec. 22.

Lynes, Lionel, London, England. Vehicle ventilator. 2,065,085; Dec. 22.

Lysholm, Alf, assignor to Aktiebolaget Ljungstroms Angturbin, Stockholm, Sweden. Heat transfer. 2,064,931; Dec. 22.

M. & M. Engineering Corporation. (See Moore, R. A., and Mitchell, assignors.)

MacKenzie, Roy J., and L. L. Haas, Buffalo, assignors to Buffalo Pressed Steel Company, Buffalo, N. Y. Muffler. 2,065,232; Dec. 22.

MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating applying machine. 2,064,932; Dec. 22.

MacLean, Allen D., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Gas meter. 2,065,007; Dec. 22.

Madlé, Alain, Bristol, Conn., assignor to Erban Operating Corporation, New York, N. Y. Rotary pump. 2,065,008; Dec. 22.

Madsen, Paul S. (See De Laney, W. W., and Madsen.)

Mallet, Charles, assignor to Etablissements Jacobelafon Compagnie Ceramique de Pouilly-sur-Soane et Belvoye, Paris, France. Sanitary appliance. 2,065,009; Dec. 22.

Mallett, Ernest J., Riverdale, Md. Convertible multiple purpose chair. 2,065,233; Dec. 22.

Manning, Joseph A., Pawtucket, R. I. Eye mounting for dolls. 2,064,933; Dec. 22.

Manville, E. J., Machine Company, The. (See Freter, R. J., and Gaess, assignors.)

Marchev, Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Rotary duplicating machine. 2,065,385; Dec. 22.

Marsh, Reginald E., Bronxville, N. Y., assignor to Simplon Products Corporation. Wall bracket. 2,064,984; Dec. 22.

Marshall, Clinton, E., New York, N. Y. Clip for tubular caps. 2,065,010; Dec. 22.

Marshall, George H., Providence, R. I. Bracelet. 2,064,934; Dec. 22.

Martellotti, Mario E. (See Ernst, H., Martellotti, and Archea.)

Martin, George J. (See Broback, J. I., and Martin.)

Martinez, Edward L., Dedham, Mass. Fly box. 2,065,234; Dec. 22.

Maschinenfabrik Augsburg-Nurnberg A. G. (See Jagschitz, Konrad.)

Matthews, Albert, Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressing machine. 2,065,235; Dec. 22.

Mattsson, John K., Skonsberg at Sundsvall, Sweden. Antislip device for shoes. 2,065,386; Dec. 22.

Mautsch, Robert H., Brussels, Belgium, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Heating, cooling, and ventilating seated enclosure. 2,065,192; Dec. 22.

Maxwell, William H. (See Huddleston, C. E., and Black, assignors.)

May, Edward M., Detroit, Mich. Valve. 2,065,086; Dec. 22.

May, Edward M., Detroit, Mich. Valve. 2,065,087; Dec. 22.

McBain, Ewen B., Strathclair, Manitoba, Canada. Grate. 2,065,236; Dec. 22.

McCaskill, Staley M. (See McCloud, J. H., McCaskill, and Sherman.)

McCloud, Jesse H., S. M. McCaskill, and F. S. Sherman, Norfolk, Va. Vehicle signaling switch. 2,065,237; Dec. 22.

McCombs, Mathew F., and F. W. Decker, assignors to Niagara Alkali Company, Niagara Falls, N. Y. Apparatus for bleach pulp. 2,065,387; Dec. 22.

McConnell, Thomas, Northampton, assignor to Hampton Company, Easthampton, Mass. Treating rayon. 2,064,985; Dec. 22.

McCormick, William F., Elmhurst, N. Y., assignor to Barge Electric Shoe Cement Press, Inc. Shoe sole attaching apparatus. 2,065,238; Dec. 22.

McDowell, Joe E., Woodsboro, assignor, by mesne assignments, of one-half to H. P. Wills, Harris County, Tex. Record book photographing appliance. 2,065,011; Dec. 22.

McFall, Robert J., Cherrydale, and F. H. Roland, Ashton Heights, Va. Electrically controlled valve. 2,064,935; Dec. 22.

McGill Manufacturing Company. (See Robinson, Thomas L., assignor.)

McKee, Charles W., Seattle, Wash., assignor to McKee Coin Selector, Inc. Coin selecting mechanism. 2,065,495; Dec. 22.

McKee Coin Selector, Inc. (See McKee, Charles W., assignor.)

McLachlan, Willard J., Scotia, N. Y., assignor to General Electric Company. System of alternating current distribution. 2,065,339; Dec. 22.

McLanahan & Stone Corporation. (See Krider, George E., assignor.)

McNaught, Norris F., and E. H. Peterson, assignors to Duro Metal Products Company, Chicago, Ill. Socket wrench kit. 2,065,340; Dec. 22.

McNaught, Norris F., and E. H. Peterson, assignors to Duro Metal Products Company, Chicago, Ill. Socket wrench kit. 2,065,341; Dec. 22.

McQuiston, Horace L., Oklahoma City, Okla., assignor to Phillips Petroleum Company. Sealing off porous formations in wells. 2,064,936; Dec. 22.

Meakin, Edgar T., San Francisco, Calif. Consolidating moldable materials. 2,065,141; Dec. 22.

Mellink, Charles F., Toledo, Ohio. Locking mechanism. 2,065,142; Dec. 22.

Mellon, Henry C. (See Dolan, E. F., and Mellon.)

Menough, Paul S., Pittsburgh, Pa., assignor to Michiana Products Corporation, Michigan City, Ind. Furnace finger. 2,064,937; Dec. 22.

Menrad, Ferdinand. (See Röllbuhler, H., and Döbbelin, assignors.)

Mergenthaler Linotype Company. (See Good, Andrew, assignor.)

Mergenthaler Linotype Company. (See Ish-Shalom, Samuel, and Bloom, assignors.)

Mergenthaler Linotype Company. (See Speiden, Fillison L., assignor.)

Mergenthaler Linotype Company. (See Stouges, Anthony J., assignor.)

Merwin, Theodore E. (See Moray, L. R., and Merwin.)

Metal Office Furniture Company. (See Wege, Peter M., assignor.)

Metal Weatherstrip Corporation. (See Lane, Alfred M., assignor.)

Metcalf, Edgar E., Moville, Iowa. Tape compass. 2,065,143; Dec. 22.

Mezz, David, Brooklyn, N. Y. Nose clip. 2,064,986; Dec. 22.

Michiana Products Corporation. (See Menough, Paul S., assignor.)

Miller, Leon F., Cleveland, and R. W. Elms, Lakewood, Ohio, assignors to The Osborn Manufacturing Company, Cleveland, Ohio. Timing mechanism. 2,065,144; Dec. 22.

Miller, Robert N., Altoona, Pa. Supply and control system for boilers and their furnaces. 2,065,285; Dec. 22.

Mills, Bert E., Chicago, Ill., assignor to Mills Novelty Co., Chicago, Ill. Selective vending machine. 2,064,843; Dec. 22.

Mills, Bert E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Device for controlling coin-operated machines. 2,065,193; Dec. 22.

Mills Novelty Co. (See Mills, Bert E., assignor.)

Mills Novelty Company. (See Trask, Allen, assignor.)

Mills, Rufus A., assignor to R. E. Roberts, trading as Lord-Mott Company, Baltimore, Md. Bean slicing machine. 2,065,239; Dec. 22.

Mitchell, Allister S., assignor to National Automotive Fibres, Inc., Detroit, Mich. Stuffed plaited upholstery and manufacture. 2,065,388; Dec. 22.

Mitchell, August, New York, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity case. 2,064,844; Dec. 22.

Mitchell, John. (See Moore, R. A., and Mitchell.)

Mockly, Edward G., Milwaukee, Wis. Tuning pin construction. 2,065,342; Dec. 22.

Möhrle, Artur, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Cement for metallic and ceramic constructional parts. 2,065,389; Dec. 22.

Monitor Controller Company. (See Frese, Joseph F., assignor.)

Monk, Newton. (See Espenschied, L., and Monk.)

Monk, Newton. (See Green, E. I., Monk, and Tidd.)

Monk, Newton, New York, N. Y., assignor to American Telephone and Telegraph Company. Common medium multichannel exchange system. 2,064,938; Dec. 22.

Moore, J. W., Valve Corporation. (See Allen, Russell B., assignor.)

Moore, Jay R., Oakmont, and E. K. Wallace, Pittsburgh, Pa., said Wallace assignor to said Moore. Hydrolysis of fats and greases. 2,065,145; Dec. 22.

Moore, Robert A., and J. Mitchell, New York, N. Y., assignors to M. & M. Engineering Corporation. Exhaust muffler. 2,065,343; Dec. 22.

Moray, Lawton R., Croton on Hudson and T. E. Merwin, Harmon-on-Hudson, N. Y. Propelling device. 2,064,845; Dec. 22.

Morden, R. Roy. (See Morden, Robert B., assignor.)

Morden, Robert B., Jefferson, assignor of one-half to R. R. Morden, Des Moines, Iowa. Gold washing apparatus. 2,065,321; Dec. 22.

Morgan Engineering Company, The. (See Ball, H. W., Kloss, and Jeffries, assignors.)

Morrell, Jacque C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,064,846; Dec. 22.

Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,064,847; Dec. 22.

Morse, Roy W., and L. A. Wood, Seattle, assignors to Boeing Airplane Company, Seattle, Wash. Retractable landing gear. 2,065,146; Dec. 22.

Mosgrove, Charles A., Waterbury, assignor to The Autoyre Company, Watertown, Conn. Buckle. 2,065,284; Dec. 22.

Mueller-Cunradi, Martin and M. Otto. Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of polymerization products from isobutylene. 2,065,474; Dec. 22.

Mueller, Homer L., assignor to The Cleveland Welding Company, Cleveland, Ohio. Rim. 2,065,088; Dec. 22.

Mulch, Balthazar H. T., Westwood, N. J. Dispensing device. 2,065,390; Dec. 22.

Mulford, Henry K., assignor to The National Drug Company, Philadelphia, Pa. Support for dispensing containers. 2,065,012; Dec. 22.

Mullinix, Gird E. (See Grau, H. E., Lundeen, and Mullinix.)

Mullins Manufacturing Corporation, The. (See Keyes, Gordon F., assignor.)

Munson, Joseph J., Houma, and C. C. Wiggin, Sr., New Orleans, La. Floating calandria. 2,065,147; Dec. 22.

Munson, Willard T., Dunmore, Pa., assignor to Collins Supply & Equipment Company, Scranton, Pa. Traveler for spinning-rings. 2,065,013; Dec. 22.

Murphy, P. H., Company. (See Bonsall, Charles D., assignor.)

Murtagh, Hugh. (See Chafee, E. W., Murtagh, and Myers.)

Myers, Shierfield G. (See Chafee, E. W., Murtagh, and Myers.)

Naamloose Venootchapp Adverteerings Maatschappij. (See Liwschütz, Georg, assignor.)

Nadler, Jack. (See Gargano, F. J., and Nadler.)

Nallinger, Fritz, Stuttgart, assignor to Daimler Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Cooling apparatus operating with thermostats. 2,065,148; Dec. 22.

Nance, James J., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,065,391; Dec. 22.

Nash, Richard L., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electrically controlled brakes. 2,065,194; Dec. 22.

National Aniline & Chemical Company. (See Punnett, Elton B., assignor.)

National Aniline and Chemical Company. (See Riegler, Riewen, assignor.)

National Automotive Fibres, Inc. (See Mitchell, Allister S., assignor.)
National Drug Company, The. (See Mulford, Henry K., assignor.)
National Equipment Corporation. See Poulter, John W., assignor.)
National Gypsum Company. (See Venzie, Frederick M., assignor.)
National Lead Company. (See Garesché, Claude F., assignor.)
National Machinery Company, The. (See Kaufman, Charles, assignor.)
National Malleable and Steel Castings Company. (See Shafer, James A., assignor.)
National Tile Company, The. (See Butler, Noble C., assignor.)
Necson, Charles R., New Rochelle, N. Y., assignor to Baldwin-Southwark Corporation. Automatic oil separator control for refrigerating systems. 2,065,195; Dec. 22.
Nenninger, Lester F. (See Peaslee, W., Nenninger, and Roehm.)
Neuman, Jacob J., South Salem, N .Y. Bag holding device. 2,064,848; Dec. 22.
Newman, Frederick H., Milwaukee, Wis. Tea infuser. 2,065,149; Dec. 22.
News Projection Corporation. (See Eltzen, August D., assignor.)
Newson, Thomas O., Norton, Kans. Shipping case fastener. 2,065,240; Dec. 22.
Newton, Harold D., Westmont, N. J., assignor to General Electric Company. Control means for signal control transmission systems. 2,065,344; Dec. 22.
Niagara Alkali Company. (See McCombs, M. F., and Decker, assignor.)
Nichols, Horace E., assignor of one-third to C. H. Chase and one-third to H. A. Freund, both of Detroit, Mich. Constant speed mechanism. 2,065,014; Dec. 22.
Nicolet, Walter, Leipzig, Germany. Ribbon loom. 2,065,286; Dec. 22.
Nielsen, Edward J. W., Mackay, Queensland, Australia. Plow. 2,065,015; Dec. 22.
Nilson, John L., Chicago, Ill. Pivot arm construction for wringer mops. 2,065,089; Dec. 22.
Nittka, Alfred, Pigeon, Mich. Fluid pressure pump or motor. 2,065,090; Dec. 22.
Northwest Chemical Co. (See Lewis, Bernard F., assignor.)
Norton Company. (See Behr, Leroy K., assignor.)
Nutt, Frank N., Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Piston molding apparatus. 2,065,287; Dec. 22.
Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Attaching heels to shoes and apparatus for performing such method. 2,064,939; Dec. 22.
O'Brien, Eugene, Eau Claire, Wis. Fruit container. 2,065,150; Dec. 22.
Oetling, Carl, Berlin-Steglitz, Germany. Treating plants. 2,065,241; Dec. 22.
Ogden, Laurence A. (See Carr, R. H., and Ogden.)
Oilgear Company, The. (See Ferris, Walter, assignor.)
Oldfield, René, Norristown, Pa. Holder for collapsible tubes. 2,065,016; Dec. 22.
Olin, John F. (See Thomas, C. A., and Olin.)
Oliver, George R., Tulsa, Okla. Collar form retainer. 2,064,940; Dec. 22.
Oliver, Wallace F., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulic brake. 2,065,017; Dec. 22.
Oliver, Wallace F., H. C. Bowen, and E. F. Loweke, assignors to Hydraulic Brake Company, Detroit, Mich. Hydraulic brake system. 2,065,018; Dec. 22.
Olsson, Bengt, Brooklyn, N. Y. Oil tank cleaning apparatus. 2,065,462; Dec. 22.
Omerly, George G., Jr., Wyncote, Pa. Windshield protector. 2,065,242; Dec. 22.
Orthmann, August C. (See Cramer, R., and Orthmann.)
Osborn Manufacturing Company, The. (See Miller, L. F., and Elms, assignors.)
Otis Elevator Company. (See Waite, Raymond A., assignor.)
Otto, Carl, Essen-Ruhr, Germany. Coking coal. 2,065,288; Dec. 22.
Otto, Michael. (See Mueller-Cunradi, M., and Otto.)
Pacific Flush-Tank Company. (See Downes, John R., assignor.)
Parfentjev, Ivan A., Pearl River, N. Y. Purification of antitoxins and the like. 2,065,196; Dec. 22.
Parr, Louis F., assignor to E. Dietzgen Company, Chicago, Ill. Pin mounting. 2,064,941; Dec. 22.
Pascoe, George. (See Ploch, W. F., and Pascoe.)
Pattillo, William B., Chicago, Ill. Price ticket clip. 2,064,849; Dec. 22.
Pearce, Walter H., assignor to The Brown Instrument Company, Philadelphia, Pa. Instrument casing. 2,065,289; Dec. 22.
Peaslee, Willetts, and L. F. Nenninger, Cincinnati, and E. G. Roehm, Norwood, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,065,151; Dec. 22.
Pedersen, Oscar F., assignor to Phoenix Metal Cap Company, Inc., Chicago, Ill. Safety hopper. 2,065,019; Dec. 22.
Pennsylvania Furnace & Iron Company. (See Crary, Horace A., assignor.)
Pennsylvania Railroad Company, The. (See Kiesel, William F., Jr., assignor.)
Perkins, Floyd R., Chicago, Ill. Closure. 2,065,243; Dec. 22.
Petersen, Elmer W., assignor of one-half to W. A. Bertram, Chicago, Ill. Trough hanger. 2,065,091; Dec. 22.
Peterson, Edward H. (See McNaught, N. F., and Peterson.)
Phelps, Guy W. (See Roth, W. D., Brown, and Phelps.)
Phillips, Arthur H., Hempstead, N. Y., and W. Allan, Jr., Ridgefield Park, N. J., assignors, by mesne assignments, to American Sales Book Company, Inc. Record. 2,064,942; Dec. 22.
Phillips Petroleum Company. (See McQuiston, Horace L., assignor.)
Phoenix Metal Cap Company. (See Pedersen, Oscar F., assignor.)
Photo Marketing Corporation. (See Reinhold, E., and Bing, assignors.)
Picard, John B., and J. C. Bush, Toledo, Ohio, assignors to The Pure Oil Company, Chicago, Ill. Packing device. 2,065,020; Dec. 22.
Pinney, H. H., et al. (See Krueger, Frank, assignor.)
Ploch, William F., and G. Pascoe, Detroit, Mich., assignors to Ford Motor Company, Dearborn, Mich. Gearing. 2,065,021; Dec. 22.
Pittman, Ralph R., Pine Bluff, Ark. Voltage limiting device. 2,065,152; Dec. 22.
Pittman, Walter F. (See Ford, G. F., and Pittman.)
Pittsburgh Equitable Meter Company. (See MacLean, Allen D., assignor.)
Porter, Rudyard, Minneapolis, Minn., and R. B. Saylor, Oakmont, Pa., assignors to American Sheet and Tin Plate Company. Enameled sheet metal and making said sheet metal. 2,065,392; Dec. 22.
Poulter, John W., Mount Pleasant, Iowa, assignor to National Equipment Corporation, Milwaukee, Wis. Convertible apparatus for emplacing plastic material. 2,065,022; Dec. 22.
Powers, Frank T., Glen Cove, N. Y. Plate straightener. 2,064,850; Dec. 22.
Powers, Milton A., assignor, by mesne assignments, to The Timken Silent Automatic Company, Detroit, Mich. Fuel burning method. 2,065,393; Dec. 22.
Prat-Daniel Corporation. (See Lewis, Varnum S., assignor.)
Pres-Toe Flatiron Corporation. (See Elchorn, Frederick W., assignor.)
Proudfit, William S., Grand Rapids, Mich. Casting rod attachment. 2,065,153; Dec. 22.
Punnett, Elton B., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Making formaldehyde. 2,065,394; Dec. 22.
Pure Oil Company, The. (See Carr, R. H., and Odgen, assignors.)
Pure Oil Company, The. (See Picard, J. B., and Bush, assignors.)
Pure Oil Company, The. (See Watson, Cornelius B., assignor.)
R. U. V. Engineering Corporation, The. (See Berndt, E. C., and Creighton, assignors.)
R. U. V. Engineering Corporation, The. (See Creighton, H. M., and Berndt, assignors.)
Radio Corporation of America. (See Burlingame, Leslie G., assignor.)
Radio Corporation of America. (See Roberts, Walter van B., assignor.)
Radio Corporation of America. (See Round, H. J., and Turner, assignors.)
Radio Corporation of America. (See Thomas, Adolph A., assignor.)
Railroad Research Bureau of The Manufacturing Companies of the United States Steel Corporation, The. (See Hammerstrom, Karl R., assignor.)
Railroad Research Bureau of The Subsidiary Manufacturing Companies of the United States Steel Corporation. (See Hammerstrom, Karl R., assignor.)
Raney, Clemma R., Riverside, Ill., assignor to International Harvester Company. Anvil for riveting guard ledger plates. 2,065,092; Dec. 22.
Rao, Pappu S., Mylapore, Madras, British India. Electric flame producing device. 2,065,023; Dec. 22.
Rayniak, Joseph G., assignor to Johnson Motor Company, Waukegan, Ill. Propeller. 2,065,154; Dec. 22.
Reach, William F., Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Golf club. 2,064,943; Dec. 22.
Rebechini, Eugene J., Chicago, Ill. Nut blanching machine. 2,065,093; Dec. 22.
Redford, John E. (See Farmer, C. C., and Redford.)
Reeves, Paul B., and H. E. Brooks, assignors to Reeves Pulley Company, Columbus, Ind. Automatic warp wind control for spinning frames. 2,065,197; Dec. 22.
Reeves Pulley Company. (See Reeves, P. B., and Brooks, assignors.)
Reiger, Ernest W., and C. H. Hunt, Steubenville, Ohio. Sorting apparatus. 2,064,858; Dec. 22.
Rein, Hanns. (See Eisenhut, O., Rein, and Knapp.)
Reinartz, Robert, assignor, by mesne assignments, to A. Wormser, Offenbach-on-the-Main, Germany. Separating sheet material. 2,064,851; Dec. 22.

Reinhold, Ernst, Leipzig, Germany, and J. M. Bing, New York, assignors to Photo Marketing Corporation, New York, N. Y. Photometer. 2,064,987; Dec. 22.
Reinoehl, Harry K., and J. Kuttler, Fort Wayne, Ind., assignors to International Harvester Company. Spring suspension. 2,065,094; Dec. 22.
Reitmann, Joachim, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Pyridine derivatives and making the same. 2,064,945; Dec. 22.
Reitmann, Joachim, and G. Hecht, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Pyridine derivatives and making them. 2,064,944; Dec. 22.
Reliance Varnish Company. (See Robertson, Benjamin G., assignor.)
Remey, John T., New York, N. Y. Column for sky writing. 2,065,024; Dec. 22.
Remington Arms Company. (See Brün, Willi, assignor.)
Remington Arms Company. (See Woodford, Watson H., assignor.)
Reynolds, Marvin C., et al. (See Cahn, F. J., assignors, and Epstein.)
Reynolds, William H., Silver Spring, Md., assignor to American Instrument Company, Washington, D. C. Thermostatic regulator. 2,064,946; Dec. 22.
Ricardo, Harry R., London, England. Internal combustion engine of the liquid fuel injection compression ignition type. 2,065,025; Dec. 22.
Richards, Carroll H., Wellesley, Mass. Clutch. 2,065,244; Dec. 22.
Richter, George A., assignor to Brown Company, Berlin, N. H. Fractured wood fiber product. 2,065,395; Dec. 22.
Richter, George A., assignor to Brown Company, Berlin, N. H. Chemical pulping process. 2,065,396; Dec. 22.
Riebel, Frederick, Jr., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,064,856; Dec. 22.
Riebel, Frederick, Jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,064,852; Dec. 22.
Riebel, Frederick, Jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,064,853; Dec. 22.
Riebel, Frederick, Jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,064,854; Dec. 22.
Riebel, Frederick, Jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,064,855; Dec. 22.
Riebel, Frederick, Jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,064,857; Dec. 22.
Rieche, Alfred, Wolfen, Germany, assignor to General Aniline Works Inc., New York, N. Y. Polynuclear condensation products containing keto groups and producing same. 2,065,026; Dec. 22.
Riegler, Riewen, Buffalo, assignor to National Aniline and Chemical Company, New York, N. Y. Process and apparatus for dispensing pastes. 2,065,095; Dec. 22.
Rigandi, Joseph R., Staten Island, N. Y. Arch supporter. 2,065,290; Dec. 22.
Rinker, Benton S., and M. W. F. Speers, Washington, D. C. Top for rumble seats for automobiles. 2,065,027; Dec. 22.
Risser, Ross E., Bonham, Tex. Air eliminator. 2,064,988; Dec. 22.
Ritchie, David M. (See Schoepf, T. H., and Ritchie.)
Ritterbusch, Oscar, Chicago, Ill. Lock. 2,065,291; Dec. 22.
Ritzerfeld, Wilhelm, Berlin, Germany. Duplicating apparatus. 2,064,989; Dec. 22.
Roberts, Gordon I., Mount Vernon, and G. H. Rufle, Astoria, N. Y., said Roberts assignor to said Rufle. Synchronizing sound and motion picture films. 2,065,028; Dec. 22.
Roberts, John, Westminster, London, England. Application of heat to retorts, coke ovens, and the like. 2,065,245; Dec. 22.
Roberts, R. E. (See Mills, Rufus A., assignor.)
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Capacity coupled constant amplification circuits. 2,064,990; Dec. 22.
Robertson, Benjamin G., assignor to Reliance Varnish Company, Louisville, Ky. Veneering surfaces. 2,065,322; Dec. 22.
Robinson, Abbott G., Ploche, Nev. Multiple joint pneumatic lifting jack. 2,065,096; Dec. 22.
Robinson, Thomas L., assignor to McGill Manufacturing Company, Valparaiso, Ind. Roller bearing. 2,065,475; Dec. 22.
Roehm, Erwin G. (See Peaslee, W., Nenninger, and Roehm.)
Rogers, Walter F., Chicago, assignor to Crown Stove Works, Cicero, Ill. Street crossing sign. 2,065,097; Dec. 22.
Rohlin, Karl W., Merchantville, assignor to Warren Webster & Company, Camden, N. J. Heating system and valve mechanism therefor. 2,065,198. Dec. 22.
Rohne, Even J., assignor to G. G. Struhters, Minneapolis, Minn. Humidostat. 2,064,948; Dec. 22.
Roland, Frank H. (See McFall, R. J., and Roland.)
Rolker, Edwin, Baltimore, Md. Brush. 2,064,949; Dec. 22.
Rollbühler, Hans, and W. Döbbelin, assignors to F. Menrad, Schwabisch-Gmund, Germany. Making plaquets for spectacles or eye-glasses. 2,065,098; Dec. 22.
Romaine, Millard, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machinery. 2,065,100; Dec. 22.
Romaine, Millard, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Broaching machine fixture. 2,065,101; Dec. 22.
Romaine, Millard, and W. D. Archea, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,065,099; Dec. 22.
Ronning, Adolph, Minneapolis, Minn. Power grader. 2,065,397; Dec. 22.
Rosenblum, Israel, Jackson Heights, N. Y. Resinous condensation product and producing same. 2,064,950; Dec. 22.
Roth, Warren D., L. C. Brown, and G. W. Phelps, assignors to Industrial Patents Corporation, Chicago, Ill. Manufacturing ice cream and the product thereof. 2,065,398; Dec. 22.
Round, Henry J., London, and P. K. Turner, Berkshire, assignors to Radio Corporation of America. High frequency amplifying system. 2,064,991; Dec. 22.
Rufle, George H. (See Roberts, G. I., and Rufle.)
Russell, Joseph B., Los Angeles, Calif. Wearing apparel. 2,064,951; Dec. 22.
Ryan, Michael, Braddock, and E. T. Warren, Munhall, Pa. Method and apparatus for closing tuyères. 2,065,399; Dec. 22.
Saarinen, John H., Astoria, Oreg. Trolling spoon. 2,065,246; Dec. 22.
Sadenwater, Charles W., assignor to Saginaw Manufacturing Co., Saginaw, Mich. Folding table. 2,064,859; Dec. 22.
Safety Car Heating & Lighting Company, The. (See Bronander, Wilhelm B., assignor.)
Saginaw Manufacturing Co. (See Sadenwater, Charles W., assignor.)
Salzberg, Paul L., and J. H. Werntz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorination of methyl ether and the products obtained therefrom. 2,065,400; Dec. 22.
Saylor, Raymond B. (See Porter, R., and Saylor.)
Schaedler, Robert, Hatfield, Pa. Guy wire fastener. 2,064,952; Dec. 22.
Schauer, Lawrence L., Wyoming, assignor to The Cincinnati Bickford Tool Company, Oakley, Cincinnati, Ohio. Simplified control for drill spindles. 2,065,476; Dec. 22.
Schauer, Lawrence L., Wyoming, assignor to The Cincinnati Bickford Tool Company, Oakley, Cincinnati, Ohio. Head mounted control means for radial drills. 2,065,477; Dec. 22.
Scheuer, Sidney H. (See Hamer, Lewis, assignor.)
Schlegel, Alfred A. (See Grant, R. S., and Schlegel.)
Schmiedel, Johannes, assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden-A, Germany. Apparatus and method of making and applying bands. 2,065,029; Dec. 22.
Schneider, Wilhelm. (See Zeh, W., and Schneider.)
Schnell, Steve, Overland, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking apparatus. 2,065,292; Dec. 22.
Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Co., Cincinnati, Ohio. Articulated car. 2,064,992; Dec. 22.
Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Co., Cincinnati, Ohio. Articulated car. 2,065,345; Dec. 22.
Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Co., Cincinnati, Ohio. Safety apparatus for rail vehicles. 2,065,346; Dec. 22.
Schooley Printing and Stationery Company, The. (See Brisendine, Guy F., assignor.)
Schottroff, George, Yankton, S. Dak. Airplane. 2,065,401; Dec. 22.
Schulman, Joseph, New York, N. Y. Roof construction. 2,065,478; Dec. 22.
Schulse, Herman E., East Orange, N. J. Rinsing equipment. 2,065,347; Dec. 22.
Schweller, Edmund F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,065,402; Dec. 22.
Schwinn, Frank W., Chicago, Ill. Switch equipped tubular construction. 2,065,403; Dec. 22.
Scott, Howard, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Glass-to-metal seal. 2,065,404; Dec. 22.
Scovill Manufacturing Company. (See Mitchell, August, assignor.)
Scudder, Tracy, Ridgewood, N. J. Lined drum. 2,065,293; Dec. 22.
Seamless Rubber Company, The. (See de Laney, W. W., and Madsen, assignors.)
Sekine, Toji, Freeport, N. Y. Brush. 2,064,860; Dec. 22.
Serpas, Ralph J., Minneapolis, Minn. Combination incinerator and evaporator. 2,064,953; Dec. 22.
Sessions, Donald W., Willesden, London, England. Fluid pressure operated lifting jack. 2,065,030; Dec. 22.
Sewall, Arthur C., Auburn, Maine. Insole and method of and material for making the same. 2,065,405; Dec. 22.

Sexton, Everett P., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Unloader governor device. 2,065,199; Dec. 22.
Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck with brake mechanism. 2,065,200; Dec. 22.
Sharples Solvents Corporation, The. (See Thomas, C. A., and Olin, assignors.)
Shellenberger, Rolfe, Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,064,954; Dec. 22.
Sherman, Fred S. (See McCloud, J. H., McCaskill, and Sherman.)
Siemens & Halske, Aktiengesellschaft. (See Etzrodt, Karl, assignor.)
Signal Engineering & Manufacturing Company. (See Wheelock, John H., assignor.)
Silk City Metals Coating Company. (See Doerseln, Paul, assignor.)
Silverman, Joseph. (See Singer, S., Silverman, Friedman, and Bercovitz.)
Silverman, Sebet, Philadelphia, Pa. Ornamented glass and producing same. 2,065,406; Dec. 22.
Simmons, James L., Colmar Manor, Md., assignor to Engineering and Research Corporation, Washington, D. C. Forming machine. 2,065,102; Dec. 22.
Simon, Reuben, Detroit, Mich. Key blank. 2,065,294; Dec. 22.
Simplon Products Corporation. (See March, Reginald E., assignor.)
Simpson, Leon G., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Lens grinding machine. 2,065,103; Dec. 22.
Sinclair Refining Company. (See Szayna, Antoni, assignor.)
Singer Manufacturing Company, The. (See Chason, Daniel H., assignor.)
Singer, Saul, J. Silverman, and J. H. Friedman, Ossining, and L. Bercovitz, Dannemora, N. Y. Lock. 2,064,955; Dec. 22.
Sklar, Maxwell B., Brooklyn, N. Y. Sewing machine needle guard. 2,065,031; Dec. 22.
Skoda Works, Pizen. (See Hladik, Ladislav, assignor.)
Skowronski, Felix J. (See Lowry, C. D., Jr., and Skowronski.)
Smith, Herschel G., Swarthmore, assignor, by mesne assignments, to Gulf Oil Corporation, Pittsburgh, Pa. Pipe thread lubricant. 2,065,247; Dec. 22.
Smith, Herschel G., Swarthmore, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of pipe thread lubricants. 2,065,248; Dec. 22.
Smith, Irving R., Milwaukee, Wis., assignor to Sterling Wheelbarrow Company, West Allis, Wis. Foundry flask. 2,065,348; Dec. 22.
Smoots, John P., assignor to The Standard Oil Company, Cleveland, Ohio. Treating petroleum distillates. 2,065,249; Dec. 22.
Société d'Exploitation de Brevets pour l'Industrie l'Aviation et l'Automobile (Sebia). (See Dugelay, Paul, assignor.)
Soper, Cleveland C., Kent, assignor to The Firestone Steel Products Company, Akron, Ohio. Metal container. 2,065,479; Dec. 22.
Soper, Cleveland C., Kent, assignor to The Firestone Steel Products Company, Akron, Ohio. Metal container and making the same. 2,065,480; Dec. 22.
Southam, George A., and G. R. Wainwright, assignor to Free Sewing Machine Co., Rockford, Ill. Rotary hook. 2,065,349; Dec. 22.
Spalding, A. G., & Bros. (See Reach, William F., assignor.)
Speers, Mary W. F. (See Rinker, B. S., and Speers.)
Spelden, Fillison L., Atlanta, Ga., assignor to Mergenthaler Linotype Company. Printing form. 2,065,156; Dec. 22.
Sperry Gyroscope Company. (See Chafee, E. W., Murtagh, and Myers, assignors.)
Sperry, Paul A., New Haven, Conn. Expanding and guiding apparatus. 2,064,993; Dec. 22.
Spooner, William W., Ilkley, England. Calendering, drying, or like treatment of materials. 2,065,032; Dec. 22.
Stamberger, Pinkus, Cracow, Poland. Lavatories, bidets, etc. 2,065,104; Dec. 22.
Standard Brands Incorporated. (See Kirby, G. W., and Frey, assignors.)
Standard Oil Company. (See Eisinger, John O., assignor.)
Standard Oil Company, The. (See Smoots, John P., assignor.)
Starline, Inc. (See Ferris, Howard J., assignor.)
Starline, Inc. (See Ferris, Robert G., assignor.)
Steel and Tubes, Inc. (See Davis, Archibald H., Jr., assignor.)
Steel & Tubes, Inc. (See Knerr, H. C., and Farrow, assignors.)
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Compressor for refrigerating machines. 2,065,350; Dec. 22.
Steinbarter, Joseph J. (See Grohsgal, Alexis C., assignor.)
Sterling Wheelbarrow Company. (See Smith, Irving R., assignor.)
Steuernagel, Rudolph, Rossville, Staten Island, N. Y. Mop holder. 2,065,407; Dec. 22.
Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Method and apparatus for making inner tubes. 2,065,033; Dec. 22.
Stine, Wilmer E., assignor to The Lincoln Electric Company, Cleveland, Ohio. Material for arc welding. 2,065,157; Dec. 22.
Stirlen, Eugene D., and F. G. Kelly, assignors to American Teletector Corporation, New Haven, Conn. Alarm system. 2,064,994; Dec. 22.
Stockdale, Harry C., Ravenna, Ohio, assignor to Food Machinery Corporation, San Jose, Calif. Machine for bagging potatoes or the like. 2,065,158; Dec. 22.
Stokes & Smith Company. (See Federwitz, T. A., and Bailey, assignors.)
Stone, J., & Company Limited. (See Cotter, Ernest W., assignor.)
Story, Le Roy G., Bronxville, assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,065,351; Dec. 22.
Stouges, Anthony J., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,065,159; Dec. 22.
Strazzulla, Sebastiano, Genova, Italy. Rotary engine. 2,065,160; Dec. 22.
Streckfuss, Elmer G., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Slicing machine. 2,065,352; Dec. 22.
Streckfuss, Elmer G., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Agitating machine. 2,065,353; Dec. 22.
Streen, Morris E., Newark, N. J. Foot pedal organization for motor vehicles. 2,065,354; Dec. 22.
Streeter-Amet Company. (See Brendel, Max E., assignor.)
Strohacker, Louis, assignor to Structo Manufacturing Company, Freeport, Ill. Riding toy. 2,065,034; Dec. 22.
Strong, Eldred J., Harrisburg, Pa., assignor to Harrisburg Steel Corporation. Apparatus for producing an improved forged steel tractor shoe. 2,064,956; Dec. 22.
Strong, Eldred J., assignor to Harrisburg Steel Corporation, Harrisburg, Pa. Method and apparatus for producing an improved forged steel tractor shoe. 2,064,957; Dec. 22.
Stroud, William A., Wilkesboro, assignor of one-half to Gilliam-Stroud, Inc., North Wilkesboro, and one-half to I. D. Blumenthal, Charlotte, N. C. Drink mixing apparatus. 2,064,861; Dec. 22.
Structo Manufacturing Company. (See Strohacker, Louis, assignor.)
Struthers, George G. (See Rohne, Even J., assignor.)
Stuart, John C. K., et al. (See Echberg, Arthur F., assignor.)
Sturtevant, B. F., Company. (See Hanson, Milton E., assignor.)
Sturtevant, B. F., Company. (See Heaton, H. C., and Watt, assignors.)
Sullivan, Arthur G., Philadelphia, Pa. Therapeutic appliance. 2,065,295; Dec. 22.
Summerour & Devine, Inc. (See Summerour, M. A., and Devine, assignors.)
Summerour, Marion A., and H. C. Devine, Jr., Kansas City, Kans., assignors to Summerour & Devine, Inc., Kansas City, Mo. Lighting fixture. 2,065,105; Dec. 22.
Sundback, Gideon, assignor to Hookless Fastener Company, Meadville, Pa. Slider. 2,065,250; Dec. 22.
Superheater Company, The. (See Armacost, Wilbur H., assignor.)
Svendsen, Svend S., Madison, Wis., assignor to Basic Metals Corporation, Chicago, Ill. Lead product. 2,065,408; Dec. 22.
Sweeley, Edward A., and R. Killingstad, Alexandria, Va., assignors to Fruit Growers Express Company. Heating apparatus. 2,065,251; Dec. 22.
Symons, William J., West Los Angeles, Calif. Valve cooling means. 2,065,106; Dec. 22.
Szabó, Nickolaus, Bronx, N. Y. Spring key holder. 2,064,862; Dec. 22.
Szayna, Antoni, Lwow, Poland, assignor to Sinclair Refining Company, New York, N. Y. Hydrogenation of hydrocarbons. 2,065,201; Dec. 22.
Szelle, Charles, Astoria, N. Y., assignor to Atlas Revolving Door Corporation, New York, N. Y. Revolving door. 2,064,863; Dec. 22.
Taylor, Charles C. (See Taylor, Edmund R and C. C., and Wadsworth.)
Taylor, Edmund R., Mount Vernon, C. C. Taylor, Flushing, and P. W. Wadsworth, Elmhurst, said Wadsworth assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., and said E. R. Taylor and C. C. Taylor assignors to American Telephone and Telegraph Company. Signaling system for radiotelephones. 2,064,958; Dec. 22.
Taylor, James H., Oak Park, Ill. Valve housing and making same. 2,065,035; Dec. 22.
Taylor, William I. (See Dreyfus, H., Dickie, and Taylor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Knoll, Max, assignor.)
Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Fluid controlling and distributing apparatus. 2,064,864; Dec. 22.
Teves, Alfred, Maschinen- und Armaturen-Fabrik Gesellschaft mit beschrankter Haftung. (See Engel, Ernst, assignor.)
Texas Company, The. (See Story, Le Roy G., assignor.)

Thomas, Adolph A., assignor to Radio Corporation of America, New York, N. Y. Electronic vacuum tube. 2,064,865; Dec. 22.
Thomas, Charles A., Wayne, and J. F. Olin, Newtown Square, assignors to The Sharples Solvents Corporation, Philadelphia, Pa. Producing unsaturated hydrocarbons. 2,065,323; Dec. 22.
Thomas, William D., assignor to United Shoe Machinery Corporation, Paterson, N. J. Mechanism for use in applying pressure to shoe bottoms. 2,064,959; Dec. 22.
Thompson Manufacturing Company. (See Thompson, Walter Van E., assignor.)
Thompson, Walter Van E., assignor to Thompson Manufacturing Company, Los Angeles, Calif. Full circle sprinkler. 2,065,161; Dec. 22.
Thorne, Charles B., deceased, Shaker Heights, Ohio, E. T. Thorne, administratrix. Method of and apparatus for cleaning gases. 2,064,960; Dec. 22.
Thorne, Estelle T., administratrix. (See Thorne, Charles B.)
Thrasher, William B., and J. Daniels, San Antonio, Tex. Lamp of the luminous discharge tube type. 2,065,252; Dec. 22.
Thulman, Robert K., Larchmont, assignor to Lawler Automatic Controls, Mount Vernon, N. Y. Heating system. 2,065,481; Dec. 22.
Tidd, Warren H. (See Green, E. I., Monk, and Tidd.)
Tidd, Warren H., White Plains, N. Y., assignor to American Telephone and Telegraph Company. Common medium multichannel exchange system. 2,064,961; Dec. 22.
Timken Silent Automatic Company, The. (See Powers, Milton A., assignor.)
Townsend, Robert E., Jr., Boston, Mass. Key protector. 2,065,036; Dec. 22.
Transit Research Corporation. (See Hirshfeld, Clarence F., assignor.)
Trask, Allen, Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Fluid compressor. 2,065,162; Dec. 22.
Trotter, Henry R., assignor to Hacker Manufacturing Co., Chicago, Ill. Make-up gauge. 2,065,253; Dec. 22.
Turner, Frederick E., deceased, and W. P. Allred, Jr., Kansas City, Mo., K. Turner, executrix of will of said F. E. Turner. Apparatus for parking and delivering vehicles. 2,065,107; Dec. 22.
Turner, Katharine, executrix. (See Turner, F. E., and Allred.)
Turner, Philip K. (See Round, H. J., and Turner.)
Twachtman, Quentin, Greenwich, Conn., assignor of one-half to W. J. Knapp, Rye, and one-fourth to G. Grand, Millbrook, N. Y. Concrete building construction. 2,065,355; Dec. 22.
U. N. C. Corporation. (See Kidd, Jerome F., assignor.)
Ulrich, Charles B., Jamestown, N. Y., assignor of one-third to A. J. Forschner, Chicago, Ill., and one-third to R. H. Burke, Evanston, Ill. Machine for polishing mineral particles. 2,065,108; Dec. 22.
Underwood Elliott Fisher Company. (See Becker, Fred, assignor.)
Union Carbide and Carbon Corporation. (See Hutchison, Frank C., assignor.)
United-Carr Fastener Corporation. (See Calhoun, John C., assignor.)
United Shoe Machinery Corporation. (See MacKenzie, Wilbur L., assignor.)
United Shoe Machinery Corporation. (See Nutt, William H., assignor.)
United Shoe Machinery Corporation. (See Sidney, J., assignor.)
United Shoe Machinery Corporation. (See Thomas, William D., assignor.)
United Shoe Machinery Corporation. (See Whelton, John M., assignor.)
U. S. Electrical Motors, Inc. (See Dolan, E. F., and Mellon, assignors.)
U. S. Slicing Machine Company. (See Folk, Joseph, assignor.)
Universal Oil Products Company. (See Behimer, Otto, assignor.)
Universal Oil Products Company. (See Huff, Lyman C., assignor.)
Universal Oil Products Company. (See Lowry, C. D., Jr., and Skowronski, assignors.)
Universal Oil Products Company. (See Morrell, Jacque C., assignor.)
"Universelle" Cigarettenmaschinen-Fabrig J. C. Müller & Co. (See Schmiedel, Johannes, assignor.)
Urschel, William F., Valparaiso, Ind. Vegetable peeler. 2,065,163; Dec. 22.
Van Arsdel, Ernest, Indianapolis, Ind. Door check. 2,064,995; Dec. 22.
Venzie, Frederick M., Philadelphia, Pa., assignor to National Gypsum Company, Buffalo, N. Y. Ceiling construction. 2,064,996; Dec. 22.
Verhoven, Kramer E., assignor to The Consolidated Paper Company, Monroe, Mich. Container. 2,065,482; Dec. 22.
Verhoven, Kramer E., assignor to The Consolidated Paper Company, Monroe, Mich. Container. 2,065,483; Dec. 22.
Vierengel, M., Machine Co. Inc. (See Vierengel, Matthew, assignor.)
Vierengel, Matthew, assignor to M. Vierengel Machine Co. Inc., Brooklyn, N. Y. Enveloping machine. 2,064,997; Dec. 22.
Von Hoorn, Fred G., Bridgeport, Conn., assignor to General Electric Company. Circuit breaker. 2,065,356; Dec. 22.
Von Hoorn, Fred G., Bridgeport, Conn., assignor to General Electric Company. Circuit breaker. 2,065,357; Dec. 22.
W-K-M Company. (See Laurent, Milton P., assignor.)
Wadsworth, Paul W. (See Taylor, Edmund R. and C. C., and Wadsworth.)
Wagner Electric Corporation. (See Keath, Howard B., assignor.)
Wagner Electric Corporation. (See Schnell, Steve, assignor.)
Wainwright, George R. (See Southam, G. A., and Wainwright.)
Waite, Raymond A., Yonkers, N. Y., assignor to Otis Elevator Company, New York, N. Y. Switch contact. 2,064,998; Dec. 22.
Wallace, Earl K. (See Moore, J. R., and Wallace.)
Wander, Frederick, Jr., Bronx, N. Y. Rotary wing for airplanes and the like. 2,065,254; Dec. 22.
Warren, Edwin T. (See Ryan, M., and Warren.)
Waters, Millard F., assignor to Hanlon-Waters, Inc., Tulsa, Okla. Oil and gas separator. 2,064,962; Dec. 22.
Watson, Cornelius B., assignor to The Pure Oil Company, Chicago, Ill. Desulphurizing and treating naphthas. 2,064,999; Dec. 22.
Watt, William E. (See Heaton, H. C., and Watt.)
Webster Electric Company. (See Wiechers, Benton T., assignor.)
Webster, Warren, & Company. (See Rohlin, Karl W., assignor.)
Wege, Peter M., East Grand Rapids, assignor to Metal Office Furniture Company, Grand Rapids, Mich. Sheet metal shelving. 2,065,296; Dec. 22.
Weidhorn, Isidore A., Lynbrook, N. Y. Belt buckle. 2,065,202; Dec. 22.
Wells, Dare A. (See Balinkin, I., and Wells.)
Werder, John F., Lakewood, Ohio. Automatic transmission. 2,065,484; Dec. 22.
Werntz, James H. (See Salzberg, P. L., and Werntz.)
Westinghouse Air Brake Company, The. (See Aikman, Burton S., assignor.)
Westinghouse Air Brake Company, The. (See Brown, Donald F., assignor.)
Westinghouse Air Brake Company, The. (See Canetta, John, assignor.)
Westinghouse Air Brake Company, The. (See Dapron, Joseph M., assignor.)
Westinghouse Air Brake Company, The. (See Down, Sidney G., assignor.)
Westinghouse Air Brake Company, The. (See Farmer, Clyde C., assignor.)
Westinghouse Air Brake Company, The. (See Farmer, C. C., and Redford, assignors.)
Westinghouse Air Brake Company, The. (See Hewitt, Ellis E., assignor.)
Westinghouse Air Brake Company, The. (See Mautsch, Robert H., assignor.)
Westinghouse Air Brake Company, The. (See Nash, Richard L., assignor.)
Westinghouse Air Brake Company, The. (See Sexton, Everett P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bernarde, Henry L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Flanders, Warren B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Scott, Howard, assignor.)
Wetzel, Joseph, Paris, France. Nondazzling projector. 2,065,164; Dec. 22.
Wheeler, Charles E., Chicago, Ill. Observation device. 2,065,963; Dec. 22.
Wheelock, John H., Fitzwilliam, N. H., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Electrical signal device and system. 2,065,409; Dec. 22.
Whelton, John M., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe bottom member and making the same. 2,065,463; Dec. 22.
Whelton, John M., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe bottom unit and making the same. 2,065,464; Dec. 22.
Whelton, John M., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for molding shoe bottom parts. 2,065,465; Dec. 22.
White, Carl B., Miami, Fla. Shoe plate. 2,065,255; Dec. 22.
Wickes, Henry W., Winthrop, Mass. Bomb sight for drive bombing. 2,064,964; Dec. 22.
Widugier, Edward, Torun, Poland. Building deep foundations. 2,065,003; Dec. 22.
Wiechers, Benton T., assignor to Webster Electric Company, Racine, Wis. Flexible conduit connecter. 2,065,297; Dec. 22.
Wiggin, Charles C., Sr. (See Munson, J. J., and Wiggin.)
Wildt and Company. (See Kent, Alfred W., assignor.)
Wile, Daniel D., assignor to Detroit Lubricator Company, Detroit, Mich. Refrigerating apparatus. 2,065,485; Dec. 22.
Wilkins, Roy, assignor to K. P. F. Electric Company, San Francisco, Calif. High tension disconnecting switch. 2,065,165; Dec. 22.
Will, Heinrich E., assignor of one-half to D. Dominicus, Remscheid-Vieringhausen, Germany. Treating wood. 2,064,965; Dec. 22.
Williamson, Roy C., Fort Worth, Tex. Well pumping and flowing mechanism. 2,064,966; Dec. 22.

Wills, Harry P. (See McDowell, Joe E., assignor.)
Wilson, Winfred E., Los Angeles, Calif. Arch rib roof truss. 2,065,256; Dec. 22.
Winter, Charles. (See Kimsel, Paul, assignor.)
Winthrop Chemical Company. (See Andersag, H., and Jung, assignors.)
Winthrop Chemical Company. (See Reitmann, Joachim, assignor.)
Winthrop Chemical Company. (See Reitmann, J., and Hecht, assignors.)
Winwood, Edward, Jr., Wilkinsburg, Pa. Apparatus for and method of sizing, truing, straightening, and polishing metal rounds. 2,065,166; Dec. 22.
Wirth, Emil O., and F. Barfod, assignors to Bendix Aviation Corporation, South Bend, Ind. Choke valve. 2,065,167; Dec. 22.
Woll, Charles F., assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa. Vacuum tube amplifier circuits. 2,065,257; Dec. 22.
Woloson, Peter J., Elmira Heights, N. Y. Face guard or mask. 2,065,410; Dec. 22.
Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web registering device. 2,065,000; Dec. 22.
Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web splicing device. 2,065,001; Dec. 22.
Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Stereotype plate clamping means. 2,065,002; Dec. 22.
Wood, John F. (See Belka, M. W., and Wood.)
Wood, Lysle A. (See Morse, R. W., and Wood.)
Wood Newspaper Machinery Corporation. (See Wood, Henry A. W., assignor.)
Woodford, Watson H., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Lacquering processes. 2,064,866; Dec. 22.
Woodhouse, John C., assigner, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmongton, Del. Producing hydrogen. 2,064,867; Dec. 22.
Woolson, Harry T., assignor to Chrysler Corporation, Detroit, Mich. Freewheeling transmission. 2,065,004; Dec. 22.
Wormser, Arthur. (See Reinartz, Robert, assignor.)
Worth Company, The. (See Hann, William E., assignor.)
Wyeth, John, & Brother, Incorporated. (See Bird, John C., assignor.)
Yelder, Harry A., assignor to Automatic Musical Instrument Company, Grand Rapids, Mich. Graphaphone or sound-reproducing instrument. 2,064,868; Dec. 22.
Young, Marvin S., Scarsdale, assignor to The Gas and Oil Lock Corporation, New York, N. Y. Combination inflow control and fluid discharge means. 2,064,967; Dec. 22.
Z Processes Inc. (See Zarotschenzeff, Mihail T., assignor.)
Zabriskie, William F., Detroit, assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Motor vehicle chassis frame. 2,065,005; Dec. 22.
Zarotschenzeff, Mihail T., New York, N. Y., assignor, by mesne assignments, to Z Processes Inc., Jersey City, N. J. Chilling animal carcasses. 2,065,358; Dec. 22.
Zechmeister, Stephen, Budapest, Hungary. Testing machine for tensile tests. 2,065,359; Dec. 22.
Zeh, Walter, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Sensitizing of photographic emulsions. 2,065,412; Dec. 22.
Zeh, Walter, and W. Schneider, Dessau in Anhalt, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Sensitizing of photographic emulsions. 2,065,411; Dec. 22.
Zeiss Ikon Aktiengesellschaft Dresden. (See Küppenbender, Heinz, assignor.)
Zieve, William A., North Bergen, N. J. Stop motion. 2,064,869; Dec. 22.
Zimmermann, Ernst Kongen, Germany, assignor to Gummi-Tank A.-G., Rubber Tank Ltd., Glarus, Switzerland. Bag sewing apparatus. 2,065,413; Dec. 22.
Zivanov, Uros, Washington, D. C. Area reducer for storage chambers. 2,065,006; Dec. 22.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 22D DAY OF DECEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Beryllium and aluminum compounds, Obtaining. C. B. Sawyer and B. Kjellgren. 20,214; Dec. 22.
Coal mining machine. F. B. Yingling. 20,216; Dec. 22.
Glassware leer construction. H. B. Eastwood. 20,209; Dec. 22.
Mask head harness, Gas. A. V. Motsinger. 20,211; Dec. 22.
Package, Refrigerated. J. H. Wooll. 20,215; Dec. 22.
Piezoelectric device. C. B. Sawyer. 20,213; Dec. 22.
Refrigerator control. E. C. Raney. 20,212; Dec. 22.
Safety system. D. D. Knowles. 20,210; Dec. 22.

LIST OF DESIGN INVENTIONS

Accordionola. L. Defonso. 102,417; Dec. 22.
Ashtray. A. R. Lawrence. 102,433; Dec. 22.
Ashtray and cigarette container, Combined. M. L. Graham. 102,428; Dec. 22.
Bar for a cycle, Handle. H. L. Kraeft. 102,432; Dec. 22.
Block, Butcher. F. J. Schmitt. 102,453; Dec. 22.
Bottle. S. S. Freedman. 102,420; Dec. 22.
Bottle. B. D. Fuerst. 102,422; Dec. 22.
Bottle. F. J. Petty. 102,444; Dec. 22.
Bottle. W. Sheedy. 102,454; Dec. 22.
Bowl. J. E. Spence. 102,457; Dec. 22.
Bowl, Wishing. E. Day. 102,416; Dec. 22.
Box or similar article, Jewelry display. J. M. Shields. 102,455; Dec. 22.
Brooch or similar article. R. Massa. 102,435; Dec. 22.
Button. L. R. Carley. 102,412; Dec. 22.
Cabinet for manicuring implements or similar article, Combined display and container. C. W. Gardiner. 102,424; Dec. 22.
Can or similar container for beverages. R. J. Schaefer. 102,451; Dec. 22.
Cap and gauge housing, Combined filler. W. M. Mulcahy and G. E. Ford. 102,439; Dec. 22.
Cap, Container. G. Wilmet. 102,462; Dec. 22.
Caster. E. Kaiser. 102,484; Dec. 22.
Charm, Key. J. A. Murray. 102,441; Dec. 22.
Chronometer and recording desk pad stand, Combined telephone. J. J. McCoy. 102,468; Dec. 22.
Cup or similar article. S. E. Thompson. 102,458; Dec. 22.
Dispenser, Tomato juice. W. F. Barnhart. 102,408; Dec. 22.
Doily or similar article. E. Karfiol. 102,485; Dec. 22.
Dress. L. Baum. 102,492; Dec. 22.
Dress. D. W. Price. 102,503–6; Dec. 22.
Eraser and pencil tip, Combined. H. B. Van Dorn. 102,459; Dec. 22.
Fabric, Embroidered textile. J. J. Blackstone. 102,475–7; Dec. 22.
Fabric or similar article, Printed textile. M. R. Hamre. 102,479–80; Dec. 22.
Fabric or similar article, Textile. B. Klein. 102,466; Dec. 22.
Fabric or similar article, Textile. W. D. Roberson. 102,471; Dec. 22.
Fabric or similar article, Textile. I. Weitz. 102,473; Dec. 22.
Fabric, Textile. H. Chopak. 102,478; Dec. 22.
Fabric, Textile. E. I. Hanson. 102,481–2; Dec. 22.
Fabric, Textile. H. W. Wilde. 102,474; Dec. 22.
Fastener for garters, Sock. W. W. Hartmann. 102,429; Dec. 22.
Flares and supporting bracket therefor, Combined truck. J. H. Horsley. 102,483; Dec. 22.
Flashlight. H. Rothenberg and L. C. Grimsley. 102,446; Dec. 22.
Flatiron. A. O. Samuels. 102,448; Dec. 22.
Frame for combination bread slicing and wrapping machine. I. C. Gellman. 102,426; Dec. 22.
Frame for labeling machine or similar articles. G. W. van Hofe and B. D. Dans. 102,460; Dec. 22.
Game apparatus. P. M. Fuller. 102,423; Dec. 22.
Game device, Marble. G. A. Fry. 102,421; Dec. 22.
Glove. W. E. Meyers. 102,499–502; Dec. 22.
Guard or similar article, Bumper bar. J. Galamb. 102,464; Dec. 22.
Handle for a bar spigot or similar article. J. E. Newman. 102,443; Dec. 22.
Heater, Automobile. A. L. Mell. 102,470; Dec. 22.
Hinge for screen doors or the like. O. Mankki. 102,434; Dec. 22.
Holder, Display tag. C. J. Murphy. 102,440; Dec. 22.
Holder, Flower. W. J. Keller. 102,431; Dec. 22.
Holder or similar article, Necktie. T. B. Bowen. 102,410; Dec. 22.
Holder, Playing card. R. O. Nereim. 102,442; Dec. 22.
Hosiery. L. H. Mendolsohn. 102,487; Dec. 22.
Jar. F. Smith. 102,456; Dec. 22.
Lace. E. E. Bancroft. 102,491; Dec. 22.
Lace. L. Birnbaum. 102,493–7; Dec. 22.
Lace. R. Edson. 102,498; Dec. 22.
Lamp, Hanging. G. Montmartin. 102,438; Dec. 22.
Lighter, Polygonal cigarette. A. S. Weston. 102,461; Dec. 22.
Mirror. J. J. Connors. 102,414; Dec. 22.
Mirror or similar article. F. E. A. W. Bergaud. 102,409; Dec. 22.
Moccasin. B. H. Foster. 102,419; Dec. 22.
Net, Embroidered. J. J. Blackstone. 102,463; Dec. 22.
Panel for bathtubs, Shower. G. Sakler. 102,447; Dec. 22.
Piano. W. Zaiser. 102,490; Dec. 22.
Pincushion. P. M. McKay. 102,486; Dec. 22.
Pin or similar article, Brooch. R. Massa. 102,436; Dec. 22.
Pipe, Smoking. A. P. Altizer and H. Sholund. 102,406; Dec. 22.
Range. C. H. and R. F. Hoffstetter. 102,430; Dec. 22.
Receptacle, Flexible pocket. W. R. Buxton. 102,411; Dec. 22.
Rug. C. Mentrup. 102,488; Dec. 22.
Sheller, Pea. G. N. Coughlan. 102,415; Dec. 22.
Shingle, Metal. C. J. Schlafman. 102,452; Dec. 22.
Shoe. T. Samuels. 102,472; Dec. 22.
Shoe or article of analogous nature. J. G. Samuels. 102,449–50; Dec. 22.
Sign, Advertising. R. S. Kimball. 102,465; Dec. 22.
Sink. C. H. Menge. 102,437; Dec. 22.
Sprayer, Liquid. F. Lindell. 102,467; Dec. 22.
Stand and flashlight holder, Combined telephone. M. J. Gerrells. 102,427; Dec. 22.
Stand, Telephone switchboard chronometer. J. J. McCoy. 102,469; Dec. 22.
Statue or similar article. A. Z. Annala. 102,407; Dec. 22.
Strainer or similar article. M. H. Connor. 102,413; Dec. 22.
Swatter, Fly. M. W. Gatch. 102,425; Dec. 22.
Trimming or the like, Jeweled metal. A. F. Reilly. 102,507–8; Dec. 22.
Tube or similar article, Plastic. E. H. Tyson. 102,489; Dec. 22.
Vehicle indicating device. W. De Lisle. 102,418; Dec. 22.
Washing machine and wringer, Combined. H. P. Rodman. 102,445; Dec. 22.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 22D DAY OF DECEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Accessory for infants' bathing devices. B. H. Kennedy. 2,065,226; Dec. 22.
Adjustable shear gauge. H. G. R. Bennett. 2,065,420; Dec. 22.
Agitating machine. E. G. Streckfuss. 2,065,353; Dec. 22.
Air conditioning. C. F. Beran. 2,064,808; Dec. 22.
Air control for oil burners. H. H. Berryman. 1,065,042; Dec. 22.
Air distributing system. H. L. Galson. 2,065,445; Dec. 22.
Air drying composition of the alkyl resin type. H. L. Bender. 2,064,875; Dec. 22.
Air drying composition of the urea resin type. H. L. Bender. 2,064,876; Dec. 22.
Air eliminator. R. E. Risser. 2,064,988; Dec. 22.
Airplane. G. Schottroff. 2,065,401; Dec. 22.
Alarm system. E. D. Stirlen and F. G. Kelly. 2,064,904; Dec. 22.
Alcohols, Producing lower aliphatic amino. R. R. Bottoms. 2,065,113; Dec. 22.
Alkali orthophosphates, Production of. O. Kaselitz. 2,064,979; Dec. 22.
Alkaloidal compounds. F. F. Lindstaedt. 2,065,190; Dec. 22.
Alloy, Magnesium. F. Christen. 2,065,170; Dec. 22.
Amplifying system, High frequency. H. J. Round and P. K. Turner. 2,064,991; Dec. 22.
Analysis, Method of. F. J. Cahn and A. K. Epstein. 2,065,114; Dec. 22.
Animal carcasses, Chilling. M. T. Zarotschenzeff. 2,065,358; Dec. 22.
Antiskid device. W. H. Jackson. 2,065,312; Dec. 22.
Antislip device for shoes. J. K. Mattsson. 2,065,386; Dec. 22.
Antitoxins and the like, Purification of. I. A. Parfentjev. 2,065,196; Dec. 22.
Anvil for riveting guard ledger plates. C. R. Raney. 2,065,092; Dec. 22.
Apparatus for carbonating and dispensing liquid. W. Bösmann. 2,064,879; Dec. 22.
Apparel, Wearing. J. B. Russell. 2,064,951; Dec. 22.
Area reducer for storage chambers. U. Zivanov. 2,065,006; Dec. 22.
Arm construction for wringer mops, Pivot. J. L. Milson. 2,065,089; Dec. 22.
Article of decoration. A. J. Gabriel. 2,064,826; Dec. 22.
Articles shaped from viscose, Manufacture of. E. Hubert and H. Hecht. 2,064,915; Dec. 22.
Automatic safety switch. W. M. Gardner. 2,064,827; Dec. 22.
Automobile chassis construction. H. Ford. 2,065,065; Dec. 22.
Bag holding device. J. J. Neuman. 2,064,848; Dec. 22.
Bag sewing apparatus. E. Zimmermann. 2,065,413; Dec. 22.
Bags and wrappers, Apparatus for making window. R. S. Grant and A. A. Schlegel. 2,065,327; Dec. 22.
Balancing means for spinning machines. E. Kinsella and C. W. Addy. 2,064,920; Dec. 22.
Ballot, Mechanical. D. Byrd. 2,065,425; Dec. 22.
Bandage, Antiseptic. E. Fetter. 2,064,898; Dec. 22.
Bands, Apparatus and method of making and applying. J. Schmiedel. 2,065,029; Dec. 22.
Battery: *See*—
Storage battery.
Bean slicing machine. R. A. Mills. 2,065,239; Dec. 22.
Bearing: *See*—
Roller bearing.
Bed for vehicles, Portable. J. W. Aderholz. 2,065,415; Dec. 22.
Bell gasholder. K. Jagschitz. 2,064,916; Dec. 22.
Belts, Making driving. A. L. Freedlander. 2,065,180; Dec. 22.
Bit: *See*—
Rotary drill bit.
Bit for smoking pipes and the like. R. Hirsch. 2,065,223; Dec. 22.
Blanket, Printer's. A. L. Freedlander. 2,065,442; Dec. 22.
Blower and sign card, Revolving. M. De Misa. 2,065,270; Dec. 22.
Boat, Metallic. F. A. Langenhorst and A. D. Gates. 2,064,927; Dec. 22.
Boilers and their furnaces, Supply and control system for. R. N. Miller. 2,065,285; Dec. 22.
Bolt and the like and making. C. Kaufman. 2,064,918; Dec. 22.
Border for mattress inner spring units. E. L. Bronstien. 2,065,423; Dec. 22.

Bottle, Non-refillable. M. J. Freeman. 2,064,902; Dec. 22.
Bottle stopper valve. F. J. Gargano and J. Nadler. 2,065,446; Dec. 22.
Box: *See*—
Fly box.
Bracelet. G. H. Marshall. 2,064,934; Dec. 22.
Bracket: *See*—
Wall bracket.
Braid and making same, Machine-made tubular. R. W. Hale. 2,064,974; Dec. 22.
Brake: *See*—
Electrically controlled brake. Hydraulic brake.
Electro-pneumatic brake. Hydro-pneumatic brake.
Fluid pressure brake. Vehicle brake.
Brake. B. Levy. 2,065,382; Dec. 22.
Brake apparatus for cars. J. M. Dapron. 2,065,212; Dec. 22.
Brake control, Service and emergency. H. K. Jenkins. 2,065,459; Dec. 22.
Brake for automobiles. E. Delay. 2,065,432; Dec. 22.
Brake mechanism. M. Loughead. 2,065,084; Dec. 22.
Brake system, Hydraulic. W. F. Oliver, H. C. Bowen and E. F. Loweke. 2,065,018; Dec. 22.
Braking apparatus. S. Schnell. 2,065,292; Dec. 22.
Braking system. W. F. Kiesel, Jr. 2,065,377; Dec. 22.
Braking system, Hydraulic. E. L. Brown. 2,065,168; Dec. 22.
Broaching machine. W. Ferris. 2,065,219; Dec. 22.
Broaching machine fixture. M. Romaine. 2,065,101; Dec. 22.
Bronzing machine. H. Friess. 2,065,306; Dec. 22.
Brush. E. Rolker. 2,064,949; Dec. 22.
Brush. I. Sekine. 2,064,860; Dec. 22.
Buckle. C. A. Mosgrove. 2,065,284; Dec. 22.
Buckle, Belt. I. A. Weidhorn. 2,065,202; Dec. 22.
Building construction. H. Dercum. 2,065,433; Dec. 22.
Building construction, Reenforced monolith. C. S. Harper. 2,064,910; Dec. 22.
Burner: *See*—
Oil burner.
Burner. O. L. Bock. 2,065,264; Dec. 22.
Burner, Oil and gas. J. Heinzel. 2,064,914; Dec. 22.
Button or cuff link, Sleeve. J. Compte y Riqué. 2,064,947; Dec. 22.
Cabinet, Electric sewing machine. D. H. Chason. 2,065,428; Dec. 22.
Cadmium from its ores, Separation of. R. W. Hyde. 2,064,835; Dec. 22.
Calandria, Floating. J. J. Munson and C. C. Wiggin, Sr. 2,065,147; Dec. 22.
Calendering, drying, or like treatment of materials. W. W. Spooner. 2,065,032; Dec. 22.
Cam hardening machine. D. J. Campbell and C. W. Dake. 2,064,820; Dec. 22.
Camera. L. Goldhammer. 2,065,449; Dec. 22.
Camera and distance meter, Combined photographic. H. Küppenbender. 2,065,335; Dec. 22.
Canopy for children's play devices. B. H. Kennedy. 2,065,225; Dec. 22.
Capsule filling apparatus. J. L. Lascoff. 2,064,840; Dec. 22.
Car, Articulated. T. H. Schoepf and D. M. Ritchie. 2,064,992; Dec. 22.
Car, Articulated. T. H. Schoepf and D. M. Ritchie. 2,065,345; Dec. 22.
Car loading device. W. E. Hann. 2,064,975; Dec. 22.
Car truck bolster. K. R. Hammerstrom. 2,065,454; Dec. 22.
Car truck side frame. K. R. Hammerstrom. 2,065,453; Dec. 22.
Carbon black, Making aggregates of. H. J. Glaxner. 2,065,371; Dec. 22.
Carburetor. G. Koppe. 2,065,334; Dec. 22.
Casing for use with a dental press, Heater. A. Keil. 2,065,186; Dec. 22.
Case: *See*—
Vanity case.
Casing: *See*—
Instrument casing.
Cavities from sheet metal, Removing. R. F. Johnston. 2,065,461; Dec. 22.
Ceiling construction. F. M. Venzie. 2,064,996; Dec. 22.
Cellulose from plant stalks and utilization of such fibrous cellulose, Producing fibrous. G. A. Lowry and J. A. Grant. 2,064,929; Dec. 22.
Cement for metallic and ceramic constructional parts. A. Möhrle. 2,065,389; Dec. 22.

Centrifuge. H. O. Lindgren. 2,065,229; Dec. 22.
Chair: *See*—
Multiple purpose chair.
Chassis lubrication. J. Bijur. 2,064,877; Dec. 22.
Cheese and preparing the same, Processed. B. R. Harris. 2,065,183; Dec. 22.
Cheese, Treatment of. B. R. Harris. 2,065,182; Dec. 22.
Chemical pulping process. G. A. Richter. 2,065,396; Dec. 22.
Chest for surgical bandages in strip-form. E. Gelinsky. 2,065,370; Dec. 22.
Choke valve. E. O. Wirth and F. Barfod. 2,065,167; Dec. 22.
Cigarettes or cigars, Apparatus for lighting. J. A. Jorrand. 2,065,278; Dec. 22.
Circuit breaker. F. G. von Hoorn. 2,065,356-7; Dec. 22.
Circuit breaker system, Automatic reclosing. A. E. Anderson. 2,065,360; Dec. 22.
Circuits, Capacity coupled constant amplification. W. van B. Roberts. 2,064,990; Dec. 22.
Circuits, Vacuum tube amplifier. C. F. Woll. 2,065,257; Dec. 22.
Circular loom. J. Jabouley. 2,065,137; Dec. 22.
Clamp: *See*—
Hose clamp.
Cleaner: *See*—
Vacuum cleaner.
Cleanser, Making a water-softening. B. O. Crites. 2,065,117; Dec. 22.
Clip: *See*—
Nose clip. Price ticket clip.
Clip for tubular caps. C. E. Marshall. 2,065,010; Dec. 22.
Clock. G. O. Harm. 2,065,491; Dec. 22.
Closure. W. H. Armacost. 2,065,206; Dec. 22.
Closure. C. S. Loudenslager, Sr., and C. S. Loudenslager, Jr. 2,065,231; Dec. 22.
Closure. F. R. Perkins. 2,065,243; Dec. 22.
Closure operating device. M. C. Bersted. 2,064,809–10; Dec. 22.
Clutch. C. H. Richards. 2,065,244; Dec. 22.
Clutch mechanism, Frictional and positive. L. Hladik. 2,065,224; Dec. 22.
Coal and the like, Separation of. K. C. Appleyard and A. Flint. 2,065,205; Dec. 22.
Coal, Coking. C. Otto. 2,065,288; Dec. 22.
Coating applying machine. W. L. MacKenzie. 2,064,932; Dec. 22.
Coin-operated machines, Device for controll. B. E. Mills. 2,065,193; Dec. 22.
Coin selecting mechanism. C. W. McKee. 2,065,495; Dec. 22.
Collar form retainer. G. R. Oliver. 2,064,940; Dec. 22.
Column blinding mechanism. F. Becker. 2,064,874; Dec. 22.
Column for sky writing. J. T. Remey. 2,065,024; Dec. 22.
Comb, Hair. M. Liguori. 2,065,228; Dec. 22.
Combs, Making textile. I. V. Adimari. 2,065,038; Dec. 22.
Compass, Tape. E. E. Metcalf. 2,065,143; Dec. 22.
Compounds of the imidazole series, Water-soluble metal complex. H. Andersag and H. Jung. 2,065,418; Dec. 22.
Compressor for refrigerating machines. C. Steenstrup. 2,065,350; Dec. 22.
Compressor unloading device. B. S. Aikman. 2,065,204; Dec. 22.
Concrete building construction. Q. Twachtman. 2,065,355; Dec. 22.
Condensation products containing keto groups and producing same, Polynuclear. A. Rieche. 2,065,026; Dec. 22.
Condenser. L. G. Burlingame. 2,064,819; Dec. 22.
Conduits and making them, Corrugated metallic. J. R. Freeze. 2,065,368; Dec. 22.
Conduits, Apparatus for applying. C. W. Abbott. 2,065,298; Dec. 22.
Connecter: *See*—
Flexible conduit connecter.
Construction material. J. I. Broback and G. J. Martin. 2,065,045; Dec. 22.
Constructional material. A. C. Fischer. 2,065,439; Dec. 22.
Container: *See*—
Fruit container. Metal container.
Container. K. E. Verhoven. 2,065,482–3; Dec. 22.
Container and making the same, Metal. C. C. Soper. 2,065,480; Dec. 22.
Container for mayonnaise and the like, Dispensing. H. P. Hall. 2,065,131; Dec. 22.
Container seam. F. Krueger. 2,065,282; Dec. 22.
Containers, Method and apparatus for making. G. F. Ford and W. F. Pittman. 2,065,441; Dec. 22.
Control apparatus. O. T. Handwerk. 2,065,220; Dec. 22.
Control for drill spindles, Simplified. L. L. Schauer. 2,065,476; Dec. 22.
Control means, Air suction. B. Angradi. 2,064,871; Dec. 22.
Control means for radial drills, Head mounted. L. L. Schauer. 2,065,477; Dec. 22.
Control means for signal control transmission systems. H. D. Newton. 2,065,344; Dec. 22.
Control of gunfire, Apparatus for the. E. W. Chafee, H. Murtagh, and S. G. Myers. 2,065,303; Dec. 22.
Control valve, Quick service. J. Canetta. 2,065,210; Dec. 22.
Cooking device. R. B. Lawrence. 2,065,318; Dec. 22.
Cooling apparatus operating with thermostats. F. Nallinger. 2,065,148; Dec. 22.
Counting device. J. H. Burnside 2d. 2,065,048; Dec. 22.
Coupling element. G. Liebmann. 2,064,841; Dec. 22.
Covers, Device and method for making confection. C. G. Hall. 2,065,452; Dec. 22.
Crate. L. L. Albert. 2,065,416; Dec. 22.
Crate or box for tiles, Shipping. N. C. Butler. 2,065,050; Dec. 22.
Current distribution, System of alternating. W. J. McLachlen. 2,065,339; Dec. 22.
Currents, Arrangement for deriving. L. Körös and K. Hallen. 2,065,280; Dec. 22.
Cutter: *See*—
Tube cutter.
Cutter for looms, Weft thread. P. Doerseln. 2,065,364; Dec. 22.
Damper, Vibration. H. H. Febrey. 2,065,490; Dec. 22.
Deflector and control for vehicle heaters. H. F. Hadley. 2,065,328; Dec. 22.
Detecting system. F. G. Kelly. 2,064,980; Dec. 22.
Device employing fluid electrodes. I. Balinkin and D. A. Wells. 2,064,873; Dec. 22.
Device for converting a rotating motion into a rectilinear reciprocating motion. E. Dirix. 2,064,889; Dec. 22.
Digester. J. Fletcher. 2,064,901; Dec. 22.
Discharge apparatus containing gas. W. Dällenbach. 2,065,269; Dec. 22.
Disconnecting switch, High tension. R. Wilkins. 2,065,165; Dec. 22.
Dispenser: *See*—
Paper dispenser.
Dispensing device. E. R. French. 2,065,181; Dec. 22.
Dispensing device. B. H. T. Mulch. 2,065,390; Dec. 22.
Display device. M. T. Ashe. 2,065,039; Dec. 22.
Display device for bottled beverages, Knock-down. R. C. Entwistle. 2,065,435; Dec. 22.
Door check. E. Van Arsdel. 2,064,995; Dec. 22.
Door, Revolving. C. Szelle. 2,064,863; Dec. 22.
Drink mixing apparatus. W. A. Stroud. 2,064,861; Dec. 22.
Drum, Lined. T. Scudder. 2,065,293; Dec. 22.
Duplicating apparatus. W. Ritzerfeld. 2,064,989; Dec. 22.
Duplicating machine, Rotary. A. Marchev. 2,065,385; Dec. 22.
Earth product, Diatomaceous. A. F. Echberg. 2,065,126; Dec. 22.
Educational device. H. D. Brubaker. 2,065,424; Dec. 22.
Eggs, Apparatus for treating. W. L. Lomax. 2,065,384; Dec. 22.
Electric flame producing device. P. S. Rao. 2,065,023; Dec. 22.
Electric heating circuit control. C. L. Gouglinour. 2,065,451; Dec. 22.
Electrical indicator and tachometer. W. H. Campbell. 2,065,426; Dec. 22.
Electrical measuring and regulating system. H. L. Bernarde. 2,065,421; Dec. 22.
Electrical mixer. J. Flaum. 2,065,440; Dec. 22.
Electrically controlled brake. R. L. Nash. 2,065,194; Dec. 22.
Electrically controlled valve. R. J. McFall and F. H. Roland. 2,064,935; Dec. 22.
Electrode holder. H. Q. Gruell. 2,064,908; Dec. 22.
Electronic vacuum tube. A. A. Thomas. 2,064,865; Dec. 22.
Electro-pneumatic brake. D. F. Brown. 2,065,209; Dec. 22.
Elevator construction, Slip. H. E. Grau, C. A. Lundeen and G. E. Mullinix. 2,065,130; Dec. 22.
Elevator construction, Slip. C. A. Lundeen. 2,065,140; Dec. 22.
Enclosure, Heating, cooling, and ventilating seated. R. H. Mautsch. 2,065,192; Dec. 22.
Engine: *See*—
Internal combustion engine. Two strike piston-controlled engine.
Rotary engine.
Engine fed with heavy fuels, Internal combustion. A. Bagnulo. 2,065,419; Dec. 22.
Engine of the liquid fuel injection compression ignition type, Internal combustion. H. R. Ricardo. 2,065,025; Dec. 22.
Enveloping machine. M. Vierengel. 2,064,997; Dec. 22.
Esters, Preparing mixed. R. H. Kienle. 2,065,331; Dec. 22.
Exchange system, Common medium multichannel. L. Espenschied. 2,064,894; Dec. 22.
Exchange system, Common medium multichannel L. Espenschied and N. Monk. 2,064,895; Dec. 22.
Exchange system, Common medium multichannel. L. Espenschied and E. I. Green. 2,064,896; Dec. 22.
Exchange system, Common medium multichannel. E. I. Green. 2,064,904; Dec. 22.
Exchange system, Common medium multichannel. E. I. Green. 2,064,905; Dec. 22.
Exchange system, Common medium multichannel. E. I. Green, N. Monk and W. H. Tidd. 2,064,906 Dec. 22.
Exchange system, Common medium multichannel. E. I Green. 2,064,907; Dec. 22.

Exchange system, Common medium multichannel. N. Monk. 2,064,938; Dec. 22.
Exchange system, Common medium multichannel. W. H. Tidd. 2,064,961; Dec. 22.
Execution device. R. Cramer and A. C. Orthmann. 2,064,822; Dec. 22.
Expanding and guiding apparatus. P. A. Sperry. 2,064,993; Dec. 22.
Extractor: *See*—
Fruit juice extractor.
Fabric: *See*—
Ornamental woven fabric.
Fastener: *See*—
Guy wire fastener. Shipping case fastener.
Fastener installation and fastener for the same, Snap. J. C. Calhoun. 2,065,325; Dec. 22.
Fats and greases, Hydrolysis of. J. R. Moore and E. K. Wallace. 2,065,145; Dec. 22.
Feeding and coating systems. T. A. Federwitz and W. T. Bailey. 2,065,178; Dec. 22.
Filaments, yarns, or threads, Production of artificial. H. Dreyfus, W. A. Dickie and W. I. Taylor. 2,065,124; Dec. 22.
Filler, Egg case. R. W. Gates. 2,065,447; Dec. 22.
Film, Printing lenticular. J. Eggert and G. Heymer. 2,064,892; Dec. 22.
Films, Synchronizing sound and motion picture. G. I. Roberts and G. H. Rufle. 2,065,028; Dec. 22.
Filtering or straining apparatus. W. R. Beldam. 2,065,263; Dec. 22.
Firearms, Recoil-absorbing device for. N. Galliot. 2,065,273; Dec. 22.
Fish, Treating. C. S. Ash and P. Berglund. 2,064,872; Dec. 22.
Flashlight, Electric. G. C. Fullmer. 2,065,307; Dec. 22.
Flask, Foundry. I. R. Smith. 2,065,348; Dec. 22.
Flaw detection. A. H. Davis, Jr. 2,065,119; Dec. 22.
Flexible conduit connecter. B. T. Wiechers. 2,065,297; Dec. 22.
Flotation frother. L. J. Christmann and D. W. Jayne, Jr. 2,065,053; Dec. 22.
Fluid compressor. A. Trask. 2,065,162; Dec. 22.
Fluid controlling and distributing apparatus. P. C. Temple. 2,064,864; Dec. 22.
Fluid pressure brake. S. G. Down. 2,065,214; Dec. 22.
Fluid pressure brake. C. C. Farmer. 2,065,216; Dec. 22.
Fly box. E. L. Martinez. 2,065,234; Dec. 22.
Folding table. C. W. Sadenwater. 2,064,859; Dec. 22.
Form, Printing. F. L. Speiden. 2,065,156; Dec. 22.
Formaldehyde, Making. E. B. Punnett. 2,065,394; Dec. 22.
Forming machine. J. L. Simmons. 2,065,102; Dec. 22.
Foundations, Building deep. E. Widugier. 2,065,003; Dec. 22.
Frame: *See*—
Car truck side frame.
Motor vehicle chassis frame.
Freezing unit for refrigerators. G. F. Keyes. 2,064,837; Dec. 22.
Fruit container. E. O'Brien. 2,065,150; Dec. 22.
Fruit juice extractor. N. M. Faulds. 2,065,271; Dec. 22.
Fuel burning method. M. A. Powers. 2,065,393; Dec. 22.
Fuel control, Thermostatic. O. W. Hahn. 2,064,909; Dec. 22.
Fuel feed of internal combustion engines, Regulating the. P. Filehr. 2,065,272; Dec. 22.
Fume, Manufacture of metallic. C. F. Garesché. 2,065,218; Dec. 22.
Furnace finger. P. S. Menough. 2,064,937; Dec. 22.
Furniture. H. E. Aulsbrook. 2,064,968; Dec. 22.
Fuses, Venting means for electric. L. Ludwig. 2,065,338; Dec. 22.
Gas meter. A. D. MacLean. 2,065,007; Dec. 22.
Gases in the reclaiming of bone black or like materials, Apparatus for utilizing furnace. N. R. Andrews. 2,064,813; Dec. 22.
Gases, Method of and apparatus for cleaning. C. B. Thorne. 2,064,960; Dec. 22.
Gases, Recovery of acid. W. R. Knapp. 2,064,838; Dec. 22.
Gases, Separating acidic. R. R. Bottoms. 2,065,112; Dec. 22.
Gasoline, Process and apparatus for dispensing. J. O. Elsinger. 2,065,128; Dec. 22.
Gatherer, Prune. H. Carpenter. 2,065,169; Dec. 22.
Gauge: *See*—
Adjustable shear gauge. Make-up gauge.
Gear: *See*—
Retractable landing gear.
Gear for railway vehicles, Draft. H. Egen. 2,064,891; Dec. 22.
Gearing. W. F. Ploch and G. Pascoe. 2,065,021; Dec. 22.
Girdle, Foundation. L. Kahn. 2,064,977; Dec. 22.
Glass and producing same, Ornamented. S. Silverman. 2,065,406; Dec. 22.
Goggles. S. E. Bouchard. 2,064,812; Dec. 22.
Goggles. B. A. Diggins. 2,065,122; Dec. 22.
Gold washing apparatus. R. B. Morden. 2,065,321; Dec. 22.
Golf club. W. F. Reach. 2,064,943; Dec. 22.
Grader, Power. A. Ronning. 2,065,397; Dec. 22.
Graphophone or sound-reproducing instrument. H. A. Yelder. 2,064,868; Dec. 22.
Grate. E. B. McBain. 2,065,236; Dec. 22.
Grinding machine. W. Peaslee, L. F. Nenninger, and E. G. Roehm. 2,065,151; Dec. 22.
Grinding machine. M. Romaine and W. D. Archea. 2,065,099; Dec. 22.
Grinding machinery. M. Romaine. 2,065,100; Dec. 22.
Ground rod. W. A. Heinrich. 2,065,184; Dec. 22.
Guard for bushing terminals, Flexible. H. B. Keath. 2,065,315; Dec. 22.
Guard or mask, Face. P. J. Woloson. 2,065,410; Dec. 22.
Guy wire fastener. R. Schaedler. 2,064,952; Dec. 22.
Hanger: *See*—
Trough hanger.
Hat flanging machine. G. W. Cuming. 2,064,824; Dec. 22.
Hat forming machine. I. Klwad. 2,065,077; Dec. 22.
Headlight. R. R. Bostic. 2,064,880; Dec. 22.
Headlight, Automobile. O. A. de Lima. 2,065,059; Dec. 22.
Heat exchange apparatus, Fluid. R. Shellenberger. 2,064,954; Dec. 22.
Heat to retorts, coke ovens, and the like, Application of. J. Roberts. 2,065,245; Dec. 22.
Heat transfer. A. Lysholm. 2,064,931; Dec. 22.
Heating apparaus. E. A. Sweeley and R. Killingstad. 2,065,251; Dec. 22.
Heating system. R. K. Thulman. 2,065,481; Dec. 22.
Heating system and valve mechanism therefor. K. W. Rohlin. 2,065,198; Dec. 22.
Heating unit and the production thereof. T. A. Edison, Jr. 2,064,971; Dec. 22.
Heels to shoes and apparatus for performing such method, Attaching. W. H. Nutt. 2,064,939; Dec. 22.
Hinge and latch, Combination. N. J. Kroll and S. Kroll. 2,064,839; Dec. 22.
Hobbyhorse. J. D. Jeandell. 2,065,074; Dec. 22.
Hogshead. W. S. Luckett. 2,065,320; Dec. 22.
Holder: *See*—
Electrode holder. Spring key holder.
Mop holder.
Holder for collapsible tubes. R. Oldfield. 2,065,016; Dec. 22.
Hook: *See*—
Rotary hook.
Hopper feed. A. J. Lewis. 2,065,319; Dec. 22.
Hopper, Safety. O. F. Pedersen. 2,065,019; Dec. 22.
Hose clamp. D. S. Keliam. 2,064,919; Dec. 22.
Humidostat. E. J. Rohne. 2,064,948; Dec. 22.
Hydraulic brake. H. W. Ball, J. Kloss, and O. S. Jeffries. 2,065,259; Dec. 22.
Hydraulic brake. H. C. Bowen. 2,065,044; Dec. 22.
Hydraulic brake. W. F. Oliver. 2,065,017; Dec. 22.
Hydrocarbons, Conversion of. J. C. Morrell. 2,064,847; Dec. 22.
Hydrocarbons, Hydrogenation of. A. Szayna. 2,065,201; Dec. 22.
Hydrocarbons, Producing unsaturated. C. A. Thomas and J. F. Olin. 2,065,323; Dec. 22.
Hydrogen, Producing. J. C. Woodhouse. 2,064,867; Dec. 22.
Hydropneumatic brake. B. S. Aikman. 2,065,203; Dec. 22.
Ice cream and the product thereof, Manufacturing. W. D. Roth, L. C. Brown, and G. W. Phelps. 2,065,398; Dec. 22.
Ignition distibutors, Method of and apparatus for adjusting. F. J. Groven. 2,065,067; Dec. 22.
Incinerator and evaporator, Combination. R. J. Serpas. 2,064,953; Dec. 22.
Inflow control and fluid discharge means, Combination. M. S. Young. 2,064,967; Dec. 22.
Infusion making apparatus. L. da C. Carvalho. 2,065,211; Dec. 22.
Ink feeder for printing presses, etc. W. Kline. 2,065,279; Dec. 22.
Inner tubes, Method and apparatus for making. H. D. Stevens. 2,065,033; Dec. 22.
Insect exterminating lamp. B. S. Buford. 2,065,047; Dec. 22.
Insole and method of and material for making the same. A. C. Sewall. 2,065,405; Dec. 22.
Instrument casing. W. H. Pearce. 2,065,289; Dec. 22.
Internal combustion engine. W. B. Bronander. 2,065,046; Dec. 22.
Internal combustion engine. H. O. Hedges. 2,064,913; Dec. 22.
Iron, Electric. F. W. Eichorn. 2,065,366; Dec. 22.
Irradiating apparatus. E. C. Berndt and H. M. Creighton. 2,065,055; Dec. 22.
Jack: *See*—
Lifting jack.
Jar. J. T. Barkelew and V. F. Ehrgott. 2,065,261; Dec. 22.
Jar, Rotary. J. T. Barkelew and V. F. Ehrgott. 2,065,262; Dec. 22.
Jarring tool. C. E. Huddleston and M. S. Black. 2,065,135; Dec. 22.
Joints for heat exchangers, Packing. V. S. Lewis. 2,064,928; Dec. 22.
Key blank. R. Simon. 2,065,294; Dec. 22.

Keyboard unit for line casting machines. A. Good. 2,065,274; Dec. 22.
Key construction. H. F. Keil. 2,065,468; Dec. 22.
Key protector. R. E. Townsend, Jr. 2,065,036; Dec. 22.
Kit, Socket wrench. N. F. McNaught and E. H. Peterson. 2,065,340–41; Dec. 22.
Knitting machine of the double axially opposed needle cylinder type, Circular. A. W. Kent. 2,065,469; Dec. 22.
Lacquering processes. W. H. Woodford. 2,064,866; Dec. 22.
Lamp: *See*—
Insect exterminating lamp. Portable electric lamp.
Lamp of the luminous discharge tube type. W. B. Thrasher and J. Daniels. 2,065,252; Dec. 22.
Lapping device. C. H. Hellyar. 2,065,221; Dec. 22.
Lavatorics, bidets, etc. P. Stamberger. 2,065,104; Dec. 22.
Lead product. S. S. Svendsen. 2,065,408; Dec. 22.
Lens and blank and making the same, Multifocal ophthalmic. J. H. Hammon. 2,065,132; Dec. 22.
Lens grinding machine. L. G. Simpson. 2,065,103; Dec. 22.
Lifter apparatus for spinning machines. E. Kinsella and C. W. Addy. 2,064,922; Dec. 22.
Lifter motion of spinning apparatus. E. Kinsella and C. W. Addy. 2,064,924; Dec. 22.
Lifter motion of spinning machines. E. Kinsella and C. W. Addy. 2,064,923; Dec. 22.
Lifting jack. N. G. Jensen. 2,065,277; Dec. 22.
Lifting jack, Fluid pressure operated. D. W. Sessions. 2,065,030; Dec. 22.
Lifting jack, Multiple joint pneumatic. A. G. Robinson. 2,065,096; Dec. 22.
Light control strip for cinematographic printing machines. A. L. V. C. Debrie. 2,065,057; Dec. 22.
Lighter, Pyrophoric. A. Kaufmann. 2,065,374; Dec. 22.
Lighting fixture. M. A. Summerour and H. C. Devine, Jr. 2,065,105; Dec. 22.
Link retainer for well casing elevators. C. A. Lundeen. 2,064,930; Dec. 22.
Liquid dispensing apparatus. W. M. Carroll. 2,065,052; Dec. 22.
Liquids, Cooling of. H. Howard. 2,064,833; Dec. 22.
Load lifting, carrying, and dumping machine. C. Christiansen. 2,065,171; Dec. 22.
Lock. O. Ritterbusch. 2,065,291; Dec. 22.
Lock. S. Singer, J. Silverman, J. H. Friedman, and L. Bercovitz. 2,064,955; Dec. 22.
Locking mechanism. C. F. Mellink. 2,065,142; Dec. 22.
Locks, Unlocking. F. Buday. 2,064,818; Dec. 22.
Locomotive driving wheel. T. H. Fawcett. 2,065 217; Dec. 22.
Loom: *See*—
Circular loom. Ribbon loom.
Loom. C. L. Kennedy. 2,065,076; Dec. 22.
Loops of wool such as are formed in making wool rugs, mats, carpets, or the like, Device for cutting. K. W. Jones. 2,065,185; Dec. 22.
Lubricant, Pipe thread. H. G. Smith. 2,065,247; Dec. 22.
Lubricants, Manufacture of pipe thread. H. G. Smith. 2,065,248; Dec. 22.
Machine for bagging potatoes or the like. H. C. Stockdale. 2,065,158; Dec. 22.
Machine for cutting sheets of rubber, linoleum, and the like. P. W. Lamson. 2,065,380; Dec. 22.
Machine for molding shoe bottom parts. J. M. Whelton. 2,065,465; Dec. 22.
Machine for polishing mineral particles. C. B. Ulrich. 2,065,108; Dec. 22.
Machine for the sale of newspapers. A. Ehrmantraut. 2,065,127; Dec. 22.
Machine or unit for use in conjunction with metallurgical and like furnaces, Gas producer. J. Fallon. 2,065,177; Dec. 22.
Magnetic separation. F. R. Johnson. 2,065,460; Dec. 22.
Make-up gauge. H. R. Trotter. 2,065,253; Dec. 22.
Marker, Traffic lane. H. S. Johnson. 2,065,314; Dec. 22.
Material for arc welding. W. E. Stine. 2,065,157; Dec. 22.
Materials applied to sheets, Apparatus for drying. M. E. Hanson. 2,065,070; Dec. 22.
Materials, Consolidating moldable. E. T. Meakin. 2,065,141; Dec. 22.
Measuring system. E. D. Doyle and P. H. Dike. 2,065,365; Dec. 22.
Mechanism for use in applying pressure to shoe bottoms. W. D. Thomas. 2,064,959; Dec. 22.
Mercerizing. K. Brodersen. 2,064,883; Dec. 22.
Metal and method of making said sheet metal, Enameled sheet. R. Porter and R. B. Saylor. 2,065,392; Dec. 22.
Metal articles for defects, Method and apparatus for testing. H. C. Knerr and C. Farrow. 2,065,379; Dec. 22.
Metal container. C. C. Soper. 2,065,479; Dec. 22.
Metal, Melting and casting high purity. J. O. Betterton. 2,065,207; Dec. 22.
Metal rounds, Apparatus for and method of sizing, truing, straightening, and polishing. E. Winwood, Jr. 2,064,166; Dec. 22.
Metals, Electrodeposition of. B. F. Lewis. 2,065,082; Dec. 22.
Metals for defects, Method and apparatus for testing. A. H. Davis, Jr. 2,065,118; Dec. 22.
Meter: *See*—
Camera and distance Gas meter.
meter.
Meter for vehicle parking. H. S. Johns. 2,065,075; Dec. 22.
Methyl ether and the products obtained therefrom, Chlorination of. P. L. Salzberg and J. H. Werntz. 2,065,400; Dec. 22.
Milk cans and the like, Apparatus for washing. G. H. Horn. 2,065,466; Dec. 22.
Milling machine. H. Ernst, M. E. Martellotti, and W. D. Archea. 2,065,326; Dec. 22.
Mixer: *See*—
Electric mixer.
Molding and article and apparatus therefor. J. Dichter. 2,065,305; Dec. 22.
Mop holder. R. Steuernagel. 2,065,407; Dec. 22.
Motor vehicle. A. J. Ewens. 2,065,437; Dec. 22.
Motor vehicle chassis frame. W. F. Zabriskie. 2,065,005; Dec. 22.
Mounting for dolls, Eye. J. A. Manning. 2,064,933; Dec. 22.
Mounting, Milling machine spindle. F. M. Davis. 2,065,173; Dec. 22.
Mounting, Pin. A. Langsner and W. H. Lerch. 2,065,472; Dec. 22.
Mounting, Pin. L. F. Parr. 2,064,941; Dec. 22.
Movable members, Apparatus for operating. G. Liwschütz. 2,065,473; Dec. 22.
Muffler. R. J. MacKenzie and L. L. Haas. 2,065,232; Dec. 22.
Muffler, Exhaust. R. A. Moore and J. Mitchell. 2,065,343; Dec. 22.
Multiple purpose chair, Convertible. E. J. Mallett. 2,065,233; Dec. 22.
Naphthas, Desulphurizing and treating. C. B. Watson. 2,064,999; Dec. 22.
Navigational instrument. H. M. Jensen. 2,064,917; Dec. 22.
Needle guard, Sewing machine. M. B. Sklar. 2,065,031; Dec. 22.
Nitrogen from nitrosyl chloride, Recovering. O. Kaselitz. 2,064,978; Dec. 22.
Nose clip. D. Mezz. 2,064,986; Dec. 22.
Nut blanching machine. E. J. Rebechini. 2,065,093; Dec. 22.
Nuts, Apparatus for cracking. J. F. Kidd. 2,065,376; Dec. 22.
Observation device. C. E. Wheeler. 2,065,963; Dec. 22.
Oil and gas separator. M. F. Waters. 2,064,962; Dec. 22.
Oil burner. O. L. Bock. 2,065,265 Dec. 22.
Oil separator control for refrigerating systems, Automatic. C. R. Neeson. 2,065,195; Dec. 22.
Oil, Treatment of hydrocarbon. P. C. Keith, Jr. 2,065,470; Dec. 22.
Oil, Treatment of hydrocarbon. C. D. Lowry, Jr., and F. J. Skowronski. 2,064,842; Dec. 22.
Oils containing lime, Improving mineral. A. J. Kraemer. 2,065,281; Dec. 22.
Oils, Conversion of hydrocarbon. L. C. Huff. 2,064,834; Dec. 22.
Oils, Conversion of hydrocarbon. L. G. Story. 2,065,351; Dec. 22.
Oils, Treatment of hydrocarbon. O. Behimer. 2,064,816; Dec. 22.
Oils, Treatment of hydrocarbon. J. C. Morrell. 2,064,846; Dec. 22.
Opener, Package or carton. J. P. Bolt. 2,065,422; Dec. 22.
Ophthalmic instrument. J. R. Cohen. 2,065,430; Dec. 22.
Optical system. A. D. Eltzen. 2,064,893; Dec. 22.
Ornamental woven fabric. L. Hamer. 2,065,309; Dec. 22.
Packing device. J. B. Picard and J. C. Bush. 2,065,020; Dec. 22.
Packing, Liquid. H. F. Leissner. 2,065,283; Dec. 22.
Pad: *See*—
Pressure applying pad.
Padding for carpets and the like. P. Gordon. 2,065,450; Dec. 22.
Painting. E. B. Connelly. 2,065,266; Dec. 22.
Paper dispenser. H. M. Herrman and R. G. Horwitz. 2,065,457; Dec. 22.
Paper finishing machine. F. C. Ladd. 2,065,189; Dec. 22.
Pastes, Process and apparatus for dispensing. R. Riegler. 2,065,095; Dec. 22.
Pavement. W. C. Fischer. 2,065,064; Dec. 22.
Pedal organization for motor vehicles, Foot. M. E. Streen. 2,065,354; Dec. 22.
Peeler, Vegetable. W. E. Urschel. 2,065,163; Dec. 22.
Pencil and making it, Mechanical. S. E. Linton, Jr. 2,065,230; Dec. 22.
Petroleum distillates, Treating. J. P. Smoots. 2,065,249; Dec. 22.
Phenols, Preparation of polyalkyl-substituted. M. S. Carpenter. 2,064,885; Dec. 22.
Phonograph, Automatic. A. Dahlstrom. 2,065,056; Dec. 22.
Photocopy machine. W. P. Lloyd and M. H. Hill. 2,065,383; Dec. 22.
Photographic emulsions, Sensitizing of. W. Zeh. 2,065,412; Dec. 22.
Photographic emulsions, Sensitizing of. W. Zeh and W. Schneider. 2,065,411; Dec. 22.

Photographic images, Obtaining slightly relieved. C. Bocca and L. Amati. 2,065,302; Dec. 22.
Photometer. E. Reinhold and J. M. Bing. 2,064,987; Dec. 22.
Picrates, Preparing metal. J. C. Bird. 2,065,110; Dec. 22.
Picric acid compounds. J. C. Bird. 2,065,111; Dec. 22.
Pictorial representation. A. Ames, Jr. 2,064,870; Dec. 22.
Pin construction, Tuning. E. G. Mockly. 2,065,342; Dec. 22.
Piston. R. H. Carr and L. A. Ogden. 2,065,051; Dec. 22.
Piston molding apparatus. F. N. Nutt. 2,065,287; Dec. 22.
Piston motor compressors, Regulation of free. H. Jänicke. 2,064,976; Dec. 22.
Plants, Treating. C. Oetling. 2,065,241; Dec. 22.
Plaquets for spectacles or eye-glasses, Making. H. Rollbühler and W. Döbbelin. 2,065,098; Dec. 22.
Plaster, Process for coating. G. L. Hadden. 2,065,069; Dec. 22.
Plastic material, Convertible apparatus for emplacing. J. W. Poulter. 2,065,022; Dec. 22.
Plate straightener. F. T. Powers. 2,064,850; Dec. 22.
Plow. E. J. W. Nielsen. 2,065,015; Dec. 22.
Polymerization products from isobutylene, Production of. M. Mueller-Cunradi and M. Otto. 2,065,474; Dec. 22.
Porous formations in walls, Sealing off. H. L. McQuiston. 2,064,936; Dec. 22.
Portable electric lamp. L. Gudeman. 2,065,068; Dec. 22.
Power lift mechanism. A. C. Lindgren and D. B. Baker. 2,065,139; Dec. 22.
Press: *See*—
Printing press.
Pressing machine. A. Matthews. 2,065,235; Dec. 22.
Pressure apparatus for the drawing mechanisms for textile rovings. F. Casablancas. 2,065,115; Dec. 22.
Pressure applying pad. S. J. Finn. 2,064,900; Dec. 22.
Pressure differential across piston rings or packings, Apparatus and method of distributing. R. H. Carr and L. A. Ogden. 2,064,969; Dec. 22.
Pressure, vacuum, and temperature relief. R. B. Allen. 2,065,417; Dec. 22.
Price ticket clip. W. B. Pattillo. 2,064,849; Dec. 22.
Printing press, Hand or treadle operated. D. A. Aspinall. 2,065,258; Dec. 22.
Printing presses, Delivery mechanism for. H. M. Barber. 2,065,300; Dec. 22.
Printing, Process and means of. W. C. Huebner. 2,065,136; Dec. 22.
Products or articles made of or containing cellulose derivatives or other lacquer bases, Manufacture or treatment of. H. Dreyfus. 2,065,125; Dec. 22.
Programs, Apparatus for controlling electrically transmitted musical. J. L. Adams, Jr. 2,065,037; Dec. 22.
Projector, Nondazzling. J. Wetzel. 2,065,164; Dec. 22.
Propeller. J. G. Rayniak. 2,065,154; Dec. 22.
Propeller, Sled. S. Keltonik. 2,065,375; Dec. 22.
Propelling device. L. R. Moray and T. E. Merwin. 2,064,845; Dec. 22.
Protector: *See*—
Key protector. Windshield protector.
Pulp, Apparatus for bleaching. M. F. McCombs and F. W. Decker. 2,065,387; Dec. 22.
Pump: *See*—
Rotary pump.
Pump or motor, Fluid pressure. A. Nittka. 2,065,090; Dec. 22.
Pyridine derivatives and making the same. J. Reitmann. 2,064,945; Dec. 22.
Pyridine derivatives and making them. J. Reitmann and G. Hecht. 2,064,944; Dec. 22.
Quick adjustable wrench. W. Jeffres. 2,065,276; Dec. 22.
Radio apparatus, Multiband. A. C. Grohsgal. 2,064,828; Dec. 22.
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Ray treating device, Active. H. M. Creighton and E. C. Berndt. 2,065,054; Dec. 22.
Rayon, Treating. T. McConnell. 2,064,985; Dec. 22.
Razor, Safety. M. J. Blocina. 2,064,811; Dec. 22.
Razor, Safety. D. A. Birrell. 2,064,878; Dec. 22.
Razor, Safety. A. S. Carlson. 2,064,884; Dec. 22.
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Record. A. H. Phillips and W. Allen, Jr. 2,064,942; Dec. 22.
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Refrigerating apparatus. E. F. Schweller. 2,065,402; Dec. 22.
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Rifle magazine, Spiral groove. F. A. Dickinson. 2,064,888; Dec. 22.
Rim. H. L. Mueller. 2,065,088; Dec. 22.
Rinsing equipment. H. E. Schulse. 2,065,347; Dec. 22.
Rivet, Expansion. A. A. Kirley. 2,065,333; Dec. 22.
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Road machine. C. A. Gustafson. 2,064,829; Dec. 22.
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Roll construction, Crushing. G. E. Krider. 2,065,471; Dec. 22.
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35: 2,065,214
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308— 212: 2,065,475
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34: 2,065,020
311— 16: 2,065,428
312— 57: 2,065,127

U. S. GOVERNMENT PRINTING OFFICE: 1936

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Adcraft Club of Detroit, Detroit, Mich. Periodical. Serial No. 384,779; Dec. 29. Class 38.

Adler, Leon, doing business as Cuboker Company, Baltimore, Md. Table game or similar game. Serial No. 385,383; Dec. 29. Class 22.

Akalyn Company, The, New Orleans, La. Medicinal preparation for the relief of pain, etc. Serial No. 383,707; Dec. 29. Class 6.

Akron Linen Products Company. (See Searer, Harold J.)

Aladdin Radio Industries, Incorporated, Chicago, Ill. Magnetic cores. Serial No. 385,170; Dec. 29. Class 21.

Aladdin Radio Industries, Incorporated, Chicago, Ill. Radio receivers including radio frequency tuning devices. Serial No. 385,171; Dec. 29. Class 21.

Alba Pharmaceutical Company, Inc., New York, N. Y. Cardiotonic, muscle tonic. Serial No. 384,875; Dec. 29. Class 6.

Allen Company, The, doing business as Quadine Laboratories, Toledo, Ohio. Skin and hair conditioner for dogs, an anti-parasitic, etc. Serial No. 384,310; Dec. 29. Class 6.

American Aniline Products, Inc., New York, N. Y. Organic dyestuffs. Serial No. 370,749; Dec. 29. Class 6.

American Automobile Association, Incorporated, Washington, D. C. Writing paper, envelopes, wrapping paper, etc. Serial No. 382,023; Dec. 29. Class 37.

American Automobile Association, Incorporated, Washington, D. C. Overalls, raincoats, and belts. Serial No. 383,047; Dec. 29. Class 39.

American Bleached Goods Company, Inc., New York, N. Y. Rayon piece goods. Serial No. 378,064; Dec. 29. Class 42.

American Dancer Publishing Co., Ltd., The, New York, N. Y. Magazines. Serial No. 380,029; Dec. 29. Class 38.

American Dirigold Corporation, The, Kokomo, Ind. Manicure instruments. Serial No. 372,193; Dec. 29. Class 44.

American Dirigold Corporation, The, Kokomo, Ind. Metal door knobs and metal pipe fittings. Serial No. 372,194; Dec. 29. Class 13.

American Dirigold Corporation, The, Kokomo, Ind. Sheets, rods, wire, etc. Serial No. 372,197; Dec. 29. Class 14.

American Fire Hose Company, Philadelphia, Pa. Fire hose. Serial No. 384,312; Dec. 29. Class 35.

American Pharmaceutical Company, Inc., New York, N. Y. Vitamin containing medicinal preparations. Serial No. 384,641; Dec. 29. Class 6.

Anthony, Felix M., Piedmont, Calif. Spark plug. Serial No. 377,956; Dec. 29. Class 21.

Armeno Cereal Co., Westboro, Mass. Cereals and cereal products. Serial No. 382,373; Dec. 29. Class 46.

Associated Distributors, Inc., Chicago, Ill. Anti-perspirant, lipstick, rouge, etc. Serial No. 382,653; Dec. 29. Class 6.

Atlas Tack Corporation, Fairhaven, Mass. Nails and tacks. Serial No. 384,365; Dec. 29. Class 13.

Automatic Washer Company, Newton, Iowa. Laundry washing machines. Serial No. 382,902; Dec. 29. Class 24.

B & L Laboratories, Inc., Chicago, Ill. Saponaceous material. Serial No. 383,798; Dec. 29. Class 4.

Bacmo Postman Corporation, New York, N. Y. Gloves. Serial No. 383,249; Dec. 29. Class 39.

Barrett-Cravens Company, Chicago, Ill. Material handling equipment. Serial No. 374,611; Dec. 29. Class 19.

Bell, Raymond H., Sr., doing business as Modern Fuel Company, Columbus, Ohio. Coal. Serial No. 383,977; Dec. 29. Class 1.

Bell, William G., Company, The, Boston, Mass. Spiced seasonings. Serial Nos. 384,113–4; Dec. 29. Class 46.

Benjamin, Al, & Bro. Inc., New York, N. Y. Gowns, dresses, suits, etc. Serial No. 383,460; Dec. 29. Class 39.

Beringer Bros., Inc., St. Helena, Calif. Wines. Serial No. 382,786; Dec. 29. Class 47.

Bireley's Incorporated, Hollywood, Calif. Pasteurizing machine. Serial No. 385,130; Dec. 29. Class 23.

Bliss, Murray J., doing business as Glass-Glow Co., Indianapolis, Ind. Liquid glass cleaner. Serial No. 384,783; Dec. 29. Class 4.

Bondall Company, The, St. Louis, Mo. Brake linings and clutch facing. Serial No. 372,953; Dec. 29. Class 35.

Book's Shoe Company, Pittsburgh, Pa. Boots and shoes. Serial No. 384,499; Dec. 29. Class 39.

Bregstone, J. M., Chicago, Ill. Radio receiving sets and parts thereof. Serial No. 383,979; Dec. 29. Class 21.

Brilliant Brothers Company, Boston, Mass. Shoes. Serial No. 384,990; Dec. 29. Class 39.

Bromo Sulline Drug Company. (See Peltier, J.)

Brown Durrell Co., New York, N. Y. Hosiery. Serial No. 384,700; Dec. 29. Class 39.

Brown-Forman Distillery Company, Louisville, Ky. Whiskey, gin, rum, etc. Serial No. 375,752; Dec. 29. Class 49.

Bruno, William A., New York, N. Y. Microphones. Serial No. 383,467; Dec. 29. Class 21.

Buchanan, James, & Company Limited, London, England. Whisky. Serial No. 384,026; Dec. 29. Class 49.

Burgett, Kenneth L., doing business as The K. L. Burgett Co., Peoria, Ill. Golfer's glove. Serial No. 385,131; Dec. 29. Class 22.

Burry Biscuit Corporation, Linden, N. J. Crackers. Serial No. 381,967; Dec. 29. Class 46.

Burry Biscuit Corporation, Chicago, Ill., and Linden, N. J. Biscuits, crackers, and cookies. Serial No. 383,717; Dec. 29. Class 46.

Callas, Litsa G., doing business as Trench-Sol Tooth Salve Company, New York, N. Y. Tooth salves. Serial No. 383,255; Dec. 29. Class 6.

Campbell, Ralph D., doing business as Campbell Manufacturing Company, Los Angeles, Calif. Electric dish-washing machines. Serial No. 380,546; Dec. 29. Class 23.

Carnation Company, Wilmington, Del., Milwaukee and Oconomowoc, Wis., and Seattle, Wash. Salad oil. Serial No. 379,875; Dec. 29. Class 46.

Carr System, Inc., New York, N. Y. Hats. Serial No. 385,088; Dec. 29. Class 39.

Century Engineering Corporation, Cedar Rapids, Iowa. Humidifiers, air washing, air filtering, air cooling, etc. units. Serial No. 384,067; Dec. 29. Class 34.

Chalkley, Lyman, doing business as Photoy Products, Bay Shore, N. Y. Plant hormones for horticultural use. Serial No. 382,982; Dec. 29. Class 6.

Chempro Manufacturing Co. Inc., doing business as Chempro, New York and Long Island City, N. Y. Household cleanser. Serial No. 381,557; Dec. 29. Class 4.

Chicago Pharmacal Co., Chicago, Ill. Heart stimulant. Serial No. 384,510; Dec. 29. Class 6.

Chicago Pharmacal Co., Chicago, Ill. Burn ointment. Serial No. 384,511; Dec. 29. Class 6.

Chicago Pharmacal Co., Chicago, Ill. Compound tablet for the treatment of rheumatic and arthritic conditions. Serial No. 384,512; Dec. 29. Class 6.

Churchill, Clara H., doing business as Producers, Ltd., Chicago, Ill. Stop-leak preparation. Serial No. 384,513; Dec. 29. Class 6.

Cleanprint, Incorporated, New York, N. Y. Spraying liquid. Serial No. 382,087; Dec. 29. Class 6.

Cobleskill Milling Co. Inc., The, Cobleskill, N. Y. Self-rising pancake and waffle flour, etc. Serial No. 384,283; Dec. 29. Class 46.

Color Instrument Corporation, New York, N. Y. Face powder. Serial Nos. 377,456–7; Dec. 29. Class 6.

Colton Razor Blade Company, Boston, Mass. Safety razor blades. Serial No. 379,787; Dec. 29. Class 23.

Continental Distilling Corporation, Philadelphia, Pa. Whiskey, gin, rum, etc. Serial No. 343,967; Dec. 29. Class 49.

Continental Distilling Corporation, Philadelphia, Pa. Whiskey, gin, rum, etc. Serial No. 385,339; Dec. 29. Class 49.

Coolerator Company, The, Duluth, Minn. Freezers for ice cream, desserts, and salads, etc. Serial No. 371,488; Dec. 29. Class 31.

Cordero, Alfredo, New York, N. Y., and Ponce, P. R. Insecticides. Serial No. 382,865; Dec. 29. Class 6.

Cornell-Davis Laboratories, Detroit, Mich. Type cleaner and a preparation for removing ink from the hands. Serial No. 378,289; Dec. 29. Class 4.

Cuboker Company. (See Adler, Leon.)

David, Peter, doing business as Peter David Leather Dressing Co., Seattle, Wash. Oil dressings, cleaners and polishes for leather, etc. Serial No. 377,672; Dec. 29. Class 4.

Davis Laboratories. (See Stahl, Herbert D.)

De Lavarre, André, New York, N. Y. Motion picture films. Serial No. 380,947; Dec. 29. Class 26.

Dentos Dentifrice Company, Chicago, Ill. Tooth paste. Serial No. 384,073; Dec. 29. Class 6.

Derby Oil Company, The, Wichita, Kans. Gasoline and motor lubricating oils. Serial No. 384,582; Dec. 29. Class 15.

Diego Guardino, Brooklyn, N. Y. Ice cream and sherbets. Serial No. 384,892; Dec. 29. Class 46.

Dietz, R. E., Company, New York, N. Y. Glass globes for lanterns. Serial No. 383,877; Dec. 29. Class 34.

Doorly, Hallie R., Saugerties Township, N. Y. Eggs. Serial No. 382,381; Dec. 29. Class 46.

Drake Laboratories. (See Sun Ray Drug Co.)

Dry Fruit Products Corporation, Oakland, Calif. Bread and fruit concentrates in dehydrated form. Serial No. 364,127; Dec. 29. Class 46.

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Eagle Pencil Company, New York, N. Y. Lead pencils, crayons, pencil leads, etc. Serial No. 384,703; Dec. 29. Class 37.

Eastern Isles Importing Co., Inc., The, New York, N. Y. Pajamas, robes, and slacks. Serial No. 382,911; Dec. 29. Class 39.

Elder & Johnston Co., The, Dayton, Ohio. Hosiery. Serial No. 379,513; Dec. 29. Class 39.

Embury Manufacturing Company, Warsaw, N. Y. Flares burning liquid fuel. Serial No. 384,249; Dec. 29. Class 34.

Esterbrook Steel Pen Manufacturing Company, The, Camden, N. J. Writing and fountain pens. Serial No. 384,414; Dec. 29. Class 37.

European Wine Exporters & Growers Agencies, Inc., New York, N. Y. Wine. Serial No. 383,994; Dec. 29. Class 47.

Ever-Dry Laboratories, Inc., Los Angeles, Calif. Toilet preparation. Serial No. 384,519; Dec. 29. Class 6.

Fabrique de Pates de Foies Gras Edouard Artzner, Strasbourg, France. Pate de foies gras, galantine of goose liver paste. Serial No. 380,446; Dec. 29. Class 46.

Farmers' Cooperative Exchange, Raleigh, N. C. Dairy, poultry, dog, etc., feed. Serial No. 373,681; Dec. 29. Class 46.

Fine, M., & Sons Manufacturing Co., Inc., New York, N. Y. Jackets, play suits, blouses, etc. Serial No. 385,330; Dec. 29. Class 39.

Foertsch, Edward L., doing business as Radial Service, Chicago, Ill. Periodical program skits. Serial No. 383,429; Dec. 29. Class 38.

Franco Corset Company, New York, N. Y. Foundation garments and girdles. Serial No. 379,239; Dec. 29. Class 39.

Freeman Shoe Corporation, Beloit, Wis. Boots and shoes. Serial No. 385,225; Dec. 29. Class 39.

Fries & Fries, Inc., Cincinnati, Ohio. Syrups, extracts and flavoring compounds for making beverages. Serial No. 384,418; Dec. 29. Class 45.

Fries & Fries, Inc., Cincinnati, Ohio. Tobacco, cigar and cigarette flavoring compounds. Serial No. 384,419; Dec. 29. Class 17.

Funston, D., Company, Chicago, Ill. Preparation for veterinary use. Serial No. 383,730; Dec. 29. Class 6.

Gamble Stores, Incorporated, Minneapolis, Minn. Gas, coal, wood, etc., stoves, heaters, and heating circulators. Serial No. 383,391; Dec. 29. Class 34.

Garnier, Ralph L., Los Angeles, Calif. Blank printing plates. Serial No. 380,831; Dec. 29. Class 14.

Garnier, Ralph L., Los Angeles, Calif. Photo engraved printing plates. Serial No. 384,615; Dec. 29. Class 50.

General Shoe Corporation, Nashville, Tenn. Boots and shoes. Serial No. 384,326; Dec. 29. Class 39.

Gifford Company, The, New York, N. Y. Medicine for the treatment of anemia. Serial No. 384,744; Dec. 29. Class 6.

Glass-Glow Co. (See Bliss, Murray J.)

Goakes, Frederick W., Cleveland, Ohio. Rubber heels. Serial No. 370,465; Dec. 29. Class 39.

Gomei Kaisha Domoto Shokai, Minami-Ku, Osaka, Japan. Canned beef, canned chicken, canned fish, etc. Serial No. 368,176; Dec. 29. Class 46.

Goodacre, William, & Sons, Ltd., New York, N. Y. Sisal rugs. Serial No. 384,891; Dec. 29. Class 42.

Graff, William T., Jr., doing business as Park Bird House Co., White Plains, N. Y. Bird houses. Serial No. 382,976; Dec. 29. Class 50.

Gratiot, Chester A., doing business as Kreet-Shave Razor Company, Portland, Oreg. Safety razor. Serial No. 380,454; Dec. 29. Class 23.

Greenfield Tap and Die Corporation, Greenfield, Mass. Taps. Serial No. 385,095; Dec. 29. Class 23.

Gulf Oil Corporation, Pittsburgh, Pa. Furniture polish and auto wax. Serial No. 384,962; Dec. 29. Class 16.

H. M. Chemical Co., Ltd., Los Angeles, Calif. Medical preparation. Serial No. 384,253; Dec. 29. Class 6.

Hallmark Company Inc., The, New York, N. Y. Silver polish. Serial No. 384,727; Dec. 29. Class 4.

Hamersley Manufacturing Company, The, Garfield, N. J. Waxed paper. Serial No. 384,107; Dec. 29. Class 37.

Havemeyer, Frederick C., New York, N. Y. Whiskey, gin, rum, etc. Serial No. 385,353; Dec. 29. Class 49.

Helburn, Willard, Inc., Boston, Mass. Leather. Serial No. 384,210; Dec. 29. Class 1.

Herion, Henry, doing business as Herion Fan Company, New York, N. Y. Hand operated disc revolving device. Serial No. 384,081; Dec. 29. Class 21.

Herman Bag, Inc., The, New York, N. Y. Ladies' handbags. Serial No. 384,926; Dec. 29. Class 3.

Hilson, Alexander R. J., Hamilton, Ontario, Canada, and Niagara Falls, N. Y. Face pack. Serial No. 381,618; Dec. 29. Class 6.

Hollywood Brands, Inc., doing business as Hollywood Candy Co., Minneapolis, Minn. Candy. Serial No. 384,894; Dec. 29. Class 46.

Horse-shoe Dog Food Co. (See Whyte Feed Mills.)

Improved Seamless Wire Company, The, Providence, R. I. Thermostatic elements and blanks therefor. Serial No. 378,486; Dec. 29. Class 26.

Industrial Oil Corporation, Warren and Stoneham, Pa. Lubricating oils and greases. Serial No. 384,897; Dec. 29. Class 15.

Jerslik Knitting Company, Neenah, Wis. Sweater jackets and coats. Serial No. 383,741; Dec. 29. Class 39.

Johnson, Robert C., West Pensacola, Fla. Prepared minced and barbecued chicken. Serial No. 371,469; Dec. 29. Class 46.

Jourjon, Suzanne R., Paris, France. Photographic cameras and films therefor, motion picture films and cameras, etc. Serial No. 378,569; Dec. 29. Class 26.

Justin, H. J., & Sons, Incorporated, Forth Worth, Tex. Boots and shoes. Serial No. 382,797; Dec. 29. Class 39.

Kaylooms Incorporated, Weehawken, N. J. Knitting and weaving machines. Serial No. 385,003; Dec. 29. Class 23.

Kema Products Corporation, Chicago, Ill. Cooling liquids. Serial No. 384,128; Dec. 29. Class 6.

Kennedy, David E., Inc., Brooklyn, N. Y. Floor tiles. Serial No. 384,900; Dec. 29. Class 12.

Kiefer, Julius E., Milwaukee, Wis. Smooth textile fibers curled by chemical treatment suitable for use as a yarn, thread, or fabric. Serial No. 384,424; Dec. 29. Class 1.

Kleinert, I. B., Rubber Company, New York, N. Y. Sanitary belts. Serial No. 384,901; Dec. 29. Class 44.

Knott, Wm. T., Company, Inc., New York, N. Y. Awning stripes and ticking, bed covers, bed linens, etc. Serial No. 378,405; Dec. 29. Class 42.

Krect-Shave Razor Company. (See Gratiot, Chester A.)

Laing, Harrar & Chamberlin, Inc., Philadelphia, Pa. Mercerized shoe laces. Serial No. 382,189; Dec. 29. Class 40.

La Resista Corset Company, The, Bridgeport, Conn. Corsets, corselets, girdles, etc. Serial No. 385,102; Dec. 29. Class 39.

Leeds & Northrup Company, Philadelphia, Pa. Pyrometers and radiation pyrometers. Serial No. 385,189; Dec. 29. Class 26.

Liberty Overall Co., doing business as Liberty Trouser Company, Birmingham, Ala. Overalls, trousers, suits, etc. Serial No. 385,591; Dec. 29. Class 39.

Lilly, Eli, and Company, Indianapolis, Ind. Liquid iodized oil. Serial No. 384,712; Dec. 29. Class 6.

Lisson-Melen Company, Lynn, Mass. Spring assemblies and inner springs for cushions, mattresses, etc. Serial No. 384,160; Dec. 29. Class 32.

Lorraine Manufacturing Company, Pawtucket, R. I., and New York, N. Y. Skirts, waists, suits, etc. Serial No. 371,353; Dec. 29. Class 39.

Lowe Brothers Company, The, Dayton, Ohio. Varnishes, enamels, lacquers, etc. Serial No. 385,050; Dec. 29. Class 16.

Lubbers & Bell Manufacturing Company, Clinton, Iowa. Fly swatters. Serial No. 384,801; Dec. 29. Class 50.

Mack, Augustus F., Jr., doing business as Mack Brothers Products, Miramar, San Diego, Calif. Cleansing cream. Serial No. 375,333; Dec. 29. Class 6.

Maiden Form Brassiere Company, Inc., New York, N. Y. Brassières, bandeaux, corsets, etc. Serial No. 384,967; Dec. 29. Class 39.

Maison Jeurelle-Seventeen, Inc., Now York, N. Y. Astringents, astringent cerates, bleach creams, etc. Serial No. 375,804; Dec. 29. Class 6.

Majestic Waving Company, Inc., Chicago, Ill. Permanent waving solutions. Serial No. 384,469; Dec. 29. Class 6.

Mallinckrodt Chemical Works, St. Louis, Mo. Mixture containing potassium iodide. Serial No. 384,754; Dec. 29. Class 6.

Marbon Corporation, Chicago, Ill. Adhesives. Serial No. 385,005; Dec. 29. Class 5.

Marchand, Charles, Company, The, New York, N. Y. Golden hair wash, peroxide of hydrogen, glycozone, etc. Serial No. 380,521; Dec. 29. Class 6.

McCoy Service, Inc., New York, N. Y. Combined telephone chronometer and desk pad stands. Serial No. 383,439; Dec. 29. Class 26.

Meinung, Robert W. A., San Diego, Calif. Medicine for acidosis condition, etc. Serial No. 384,950; Dec. 29. Class 6.

Midland Steel Products Company, The, Cleveland, Ohio. Camp and kitchen stoves and burners and parts therefor. Serial No. 374,088; Dec. 29. Class 34.

Miller Becker Co., The, Cleveland, Ohio. Beverages and syrups, extracts, and flavors used in making the same. Serial No. 384,970; Dec. 29. Class 45.

Mitchell, Albert, New York, N. Y. Shirts, trousers, slips, etc. Serial No. 382,801; Dec. 29. Class 39.

Modern Fuel Company. (See Bell, Raymond H., Sr.)

Morrall, Abel, Limited, Redditch, England. Knitting pins, knitting stitch holders, crochet hooks, etc. Serial No. 382,390; Dec. 29. Class 40.

My Pet Medicines, Inc., New York, N. Y. Medical preparations for dogs, etc. Serial No. 381,282; Dec. 29. Class 6.

Napthole, Inc., New York, N. Y. Chemical preparation for use as a starch lubricant. Serial No. 383,136; Dec. 29. Class 6.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Nation Wide Papers, Inc., Chicago, Ill. Writing, printing, and bond paper. Serial No. 369,303; Dec. 29. Class 37.

National Electrical Research and Manufacturing Company. (See Sullivan, William J.)

National Modes, Inc., New York, N. Y. Hosiery, fur coats, underwear, etc. Serial No. 376,771; Dec. 29. Class 39.

National Potteries Company, Minneapolis, Minn. Chemical mixture. Serial No. 374,203; Dec. 29. Class 16.

New-Zan Bandeau Co., Inc., New York, N. Y. Brassières. Serial No. 384,389; Dec. 29. Class 39.

Nichols Nasal Syphon, Inc., New York, N. Y. Nasal syphons. Serial No. 384,759; Dec. 29. Class 44.

North American Rayon Corporation, New York, N. Y. Thread and yarn. Serial No. 370,889; Dec. 29. Class 43.

Nu-Ez Corporation, The, Detroit, Mich. Protective lotion for the hands. Serial No. 369,371; Dec. 29. Class 6.

Omega Chemical Company, The, Brooklyn, N. Y. Nasal jelly. Serial No. 384,623; Dec. 29. Class 6.

Oppenheim, Collins & Co., Inc., Wilmington, Del., New York, Brooklyn, and Buffalo, N. Y., and Philadelphia, Pa. Bath robes, negligees, corsets, etc. Serial No. 384,300; Dec. 29. Class 39.

Pacific Lumber Company, The, San Francisco, Calif. Shredded redwood bark fiber. Serial No. 384,549; Dec. 29. Class 1.

Packard Milling Company, Custer, Okla. Wheat flour. Serial No. 381,321; Dec. 29. Class 46.

Palco Hats, Incorporated, Norwalk, Conn. Hats and caps. Serial Nos. 384,435–6; Dec. 29. Class 39.

Parfumerie St. Denis, New York, N. Y. Astringents, astringent cerates, bleach creams, etc. Serial No. 383,403; Dec. 29. Class 6.

Parfums Irfé Ltd., London, England. Perfumes, toilet waters, and hair lotions. Serial No. 376,438; Dec. 29. Class 6.

Park Bird House Co. (See Graff, William T., Jr.)

Parke, Davis & Company, Detroit, Mich. Topical application in the treatment of various skin infections. Serial No. 382,519; Dec. 29. Class 6.

Peerless Sport Apparel Co., Inc., New York, N. Y. Dresses, suits, sweaters, etc. Serial No. 384,760; Dec. 29. Class 39.

Peltier, J., doing business as Bromo Sulline Drug Company, Atlanta, Ga. Anti-acid preparation. Serial No. 379,989; Dec. 29. Class 6.

Pepperell Manufacturing Company, Boston, Mass. Piece goods. Serial No. 384,550; Dec. 29. Class 42.

Permutit Company, The, New York, N. Y. Prepared materials used for purifying and treating water. Serial No. 384,475; Dec. 29. Class 6.

Phillips Petroleum Company, Bartlesville, Okla. Containers for liquefied petroleum gas. Serial No. 384,551; Dec. 29. Class 2.

Photoy Products. (See Chalkley, Lyman.)

Polk Company, The, Haines, Fla. Fruit juices for food purposes. Serial No. 383,851; Dec. 29. Class 46.

Printz-Biederman Company, The, Cleveland, Ohio. Coats and suits. Serial No. 384,761; Dec. 29. Class 39.

Producers, Ltd. (See Churchill, Clara H.)

Pulp Products Company, Inc., New York, N. Y. Moulded pulp containers and bottles and protectors for glass bottles, etc. Serial No. 384,335; Dec. 29. Class 2.

Quadine Laboratories. (See Allen Company, The.)

Quickwork Company, The, St. Mary's, Ohio. Combined beaders and hammers, combined edging and wiring machines, combined rolls and edge-turning machines, etc. Serial No. 385,304; Dec. 29. Class 23.

Radial Service. (See Foertsch, Edward L.)

Raylite Trading Co., Inc., New York, N. Y. Device attached to the lamp sockets of Christmass tree lighting outfits to fasten the outfits to the branches of the tree. Serial No. 383,852; Dec. 29. Class 13.

Rice-Friedman Co., Milwaukee, Wis. Overcoats, jackets, mackinaws, etc. Serial No. 384,720; Dec. 29. Class 39.

Rinelli, Kay, Brooklyn, N. Y. Astringents, astringent cerates, bleach creams, etc. Serial No. 384,477; Dec. 29. Class 6.

Roach & Musser Company, Muscatine, Iowa. Special doors. Serial No. 384,722; Dec. 29. Class 12.

Roaman's Inc., New York, N. Y. Dresses and coats. Serial No. 385,305; Dec. 29. Class 39.

Rockwood Sprinkler Company of Massachusetts, Worcester, Mass. Automatic sprinkler systems and parts. Serial No. 377,716; Dec. 29. Class 13.

Röhm & Haas Company, Philadelphia, Pa. Plant fungicide. Serial No. 384,762; Dec. 29. Class 6.

Safety Stemming Plug Company, Inc., New York, N. Y. Stemming plugs. Serial No. 378,058; Dec. 29. Class 9.

Schaller, Carleton, & Co., Inc., New York, N. Y. Linen. Serial Nos. 384,560–1; Dec. 29. Class 42.

Schloss Bros. & Co., Inc., Baltimore, Md. Suits, coats, vests, etc. Serial Nos. 384,563–4; Dec. 29. Class 39.

Schneierson, I., & Sons, Inc., New York, N. Y. Chemises, princess slips, bloomers, etc. Serial No. 384,976; Dec. 29. Class 39.

Schwarzwaelder Co., The, Philadelphia, Pa. Waterproofed fabrics. Serial No. 384,015; Dec. 29. Class 50.

Scottish Grain Distilling Co. Limited, The, Glasgow, Scotland. Whisky. Serial No. 385,648; Dec. 29. Class 49.

Searer, Harold J., doing business as Akron Linen Products Company, Akron, Ohio. Wrist watch straps. Serial No. 384,337; Dec. 29. Class 40.

Selby Shoe Co., The, Portsmouth, Ohio. Women's shoes. Serial No. 384,936; Dec. 29. Class 39.

Shawinigan Products Corporation, New York, N. Y. Synthetic resinous material. Serial No. 383,651; Dec. 29. Class 6.

Sherman, Sol, New York, N. Y. Ties. Serial No. 384,676; Dec. 29. Class 39.

Shulton, Inc., New York, N. Y. Saponaceous compounds, shaving cream, shaving powder, etc. Serial No. 383,451; Dec. 29. Class 4.

Siebel Publishing Company, Chicago, Ill. Periodical. Serial No. 384,908; Dec. 29. Class 38.

Siren Mills Corporation, Chicago, Ill. Mixing and dispensing machine electrically operated. Serial No. 382,774; Dec. 29. Class 21.

Smart, Robert H., Charleston, S. C. Medical preparation for treating asthma and bronchial troubles. Serial No. 384,392; Dec. 29. Class 6.

Squibb, E. R., & Sons, New York, N. Y. Vitaminic preparations. Serial No. 379,358; Dec. 29. Class 6.

Squibb, E. R., & Sons, New York, N. Y. Antianemic preparations. Serial No. 384,681; Dec. 29. Class 6.

Stacks Shoe Company, The, Cincinnati, Ohio. Shoes. Serial No. 380,725; Dec. 29. Class 39.

Stadimair, Henry, Co. Inc., New York, N. Y. Violins, string basses, cellos, etc. Serial No. 377,199; Dec. 29. Class 36.

Stahl, Herbert D., doing business as Davis Laboratories, Pittsburgh, Pa. Pile preparation. Serial No. 384,570; Dec. 29. Class 6.

Standard Nut Margarine Co., Indianapolis, Ind. Oleomargarine. Serial No. 381,235; Dec. 29. Class 46.

Stayner Laboratories Inc., Portland, Oreg. Mineral food concentrate. Serial No. 384,777; Dec. 29. Class 6.

Storz, Robert H., Omaha, Nebr., and Turin, Iowa. Dressed turkeys. Serial No. 383,275; Dec. 29. Class 46.

Sudro, William F., doing business as Western Products Co., Fargo, N. Dak. Silver polish. Serial No. 384,823; Dec. 29. Class 4.

Sullivan, William J., doing business as National Electrical Research and Manufacturing Company, Washington, D. C. Electrical hearing device and parts thereof. Serial No. 383,855; Dec. 29. Class 44.

Summers, Delphine E., Wichita, Kans. Concentrated perfume. Serial No. 384,393; Dec. 29. Class 6.

Sun Oil Company, Philadelphia, Pa. Lubricating oils and lubricating greases. Serial No. 378,531; Dec. 29. Class 15.

Sun Harbor Packing Corp., San Diego, Calif. Canned tuna. Serial No. 383,185; Dec. 29. Class 46.

Sun Ray Drug Co., doing business as Drake Laboratories, Philadelphia, Pa. Effervescent salts and tablets. Serial No. 383,655; Dec. 29. Class 6.

Sunset Distilling Company, Chicago, Ill. Whiskies. Serial No. 382,895; Dec. 29. Class 49.

Sunset Oil Company, Los Angeles, Calif. Section in a monthly trade publication. Serial No. 384,768; Dec. 29. Class 38.

Supplee-Biddle Hardware Co., Philadelphia, Pa. Shovels, spades, and scoops. Serial No. 385,072; Dec. 29. Class 23.

Tedone, Giuseppe, West New York, N. J. Cream cheese. Serial No. 383,861; Dec. 29. Class 46.

Texas Company, The, New York, N. Y. Lubricating greases. Serial No. 384,168; Dec. 29. Class 15.

Thomson, Henry S., New York, N. Y. Attachment to be used as a magnifying line finder. 383,551; Dec. 29. Class 26.

Thyrodone Development Limited, Invercargill, New Zealand. Medicated preparation. Serial No. 381,736; Dec. 29. Class 6.

Tobey-Fine Papers, Inc., St. Louis, Mo. Bond paper and writing paper. Serial No. 381,470; Dec. 29. Class 37.

Tokalon Chemical Corporation, New York, N. Y. Face powder and skin cream. Serial No. 383,605; Dec. 29. Class 6.

Trabert & Hoeffer Inc., New York, N. Y. Diamonds and precious stones. Serial No. 383,240; Dec. 29. Class 28.

Trabert & Hoeffer Inc., New York, N. Y. Diamonds and precious stones. Serial No. 384,145; Dec. 29. Class 28.

Treesweet Products Co., Los Angeles, Calif. Canned orange juice. Serial No. 384,603; Dec. 29. Class 46.

Trench-Sol Tooth Salve Company. (See Callas, Litsa G.)

Trippe Manufacturing Company, Chicago, Ill. Electric head lamp for vehicles. Serial No. 385,315; Dec. 29. Class 21.

Ullman, Henry K., Washington, D. C. Puzzles for publication. Serial No. 384,911; Dec. 29. Class 38.

United Feature Syndicate, Inc., New York, N. Y. Section or column appearing in a newspaper or periodical. Serial No. 385,240; Dec. 29. Class 38.

United Refining Company, Warren, Pa. Gasoline, lubricating oils, and lubricating greases. Serial No. 377,811; Dec. 29. Class 15.

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[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

United States Gypsum Company, Chicago, Ill. Calcimine. Serial No. 385,018; Dec. 29. Class 16.
United States Rubber Products, Inc., New York, N. Y. Compositions consisting largely of concentrated rubber latex. Serial No. 384,939; Dec. 29. Class 1.
United States Rubber Products, Inc., New York, N. Y. Rain coats. Serial No. 384,940; Dec. 29. Class 39.
Upjohn Company, The, Kalamazoo, Mich. Yeast concentrate preparation. Serial No. 384,395; Dec. 29. Class 6.
Upjohn Company, The, Kalamazoo, Mich. Suspension of sulphides. Serial No. 384,396; Dec. 29. Class 6.
Vadsco Sales Corporation, Long Island City, N. Y. Medicinal compounds for headaches, etc. Serial No. 383,856; Dec. 29. Class 6.
Vanata, Joseph F., Chicago, Ill. Prearation for the treatment of tired and sore muscles, etc. Serial No. 384,825; Dec. 29. Class 6.
Vapo Products Company, Inc., Spokane, Wash. Preparation for cleaning gloves and fine fabrics. Serial No. 384,171; Dec. 29. Class 4.
Vermont Marble Company, Proctor, Vt. Processed blue marble. Serial No. 383,149; Dec. 29. Class 1.
Vermont Marble Company, Proctor, Vt. Processed gray marble. Serial No. 383,150; Dec. 29. Class 1.
Virginia Rubatex Corporation, Bedford, Va., and Jersey City, N. J. Seat cushions. Serial No. 384,986; Dec. 29. Class 32.
Wabash Appliance Corp., New York, N. Y. Incandescent lamps or bulbs used in photography. Serial No. 380,417; Dec. 29. Class 26.
Walker-Turner Company, Inc., Plainfield, N. J. Machine tools. Serial No. 381,010; Dec. 29. Class 23.
Wallace, Abbe, Products Company, Atlanta, Ga. Coconut oil shampoo, almond beauty lotion, lemon cleansing cream, etc. Serial No. 381,795; Dec. 29. Class 6.
Warren-Teed Products Company, The, Columbus, Ohio. Medical preparation. Serial No. 384,172; Dec. 29. Class 6.
Washington Gazette Corporation, The, Washington, D. C. Magazine. Serial No. 381,595; Dec. 29. Class 38.
Weinberg Corporation, Chicago, Ill. Suits, coats, trousers, etc. Serial No. 384,725; Dec. 29. Class 39.
Western Products Co. (See Sudro, William F.)
White, H. Kirk, & Co., Oconomowoc, Wis. Glass cleaner. Serial No. 384,349; Dec. 29. Class 4.
Whyte Feed Mills, doing business as horse-shoe Dog Food Co., Pine Bluff, Ark. Dog food. Serial No. 380,428; Dec. 29. Class 46.
Wix, A. & M., London, England. Cigarettes. Serial No. 383,245; Dec. 29. Class 17.
Wyler & Company, Chicago, Ill. Prepared powder for making soft drinks. Serial No. 385,080; Dec. 29. Class 45.
Wyomissing Glazed Paper Company, West Reading, Pa. Non-curling flint glazed papers, fast-to-light non-curling flint glazed papers, duplex papers, etc. Serial No. 383,560; Dec. 29. Class 37.

LIST OF REGISTRANTS OF TRADE-MARKS

Advance Foundry Company, The, Dayton, Ohio. Iron castings. 116,025; renewed Apr. 3, 1937.
Air Devices Corporation, Chicago, Ill. Electric fans. 342,020; Dec. 29; Serial No. 382,703; published Oct. 20, 1936. Class 21.
Allied Industrial Alcohol Corporation, New York, N. Y. Ethyl alcohol. 342,025; Dec. 29; Serial No. 381,699; published Oct. 20, 1936. Class 49.
American Bemberg Corporation, New York, N. Y. Thread and yarn. 341,991; Dec. 29; Serial No. 382,582; published Oct. 20, 1936. Class 43.
American Brass Company, The, Waterbury, Conn. Boat shafting. 342,022; Dec. 29; Serial No. 381,601; published Oct. 20, 1936. Class 23.
American Cast Iron Pipe Company, Birmingham, Ala. Cast iron pipe. 341,915; Dec. 29; Serial No. 382,333; published Sept. 29, 1936. Class 14.
American Hard Rubber Company, New York, N. Y. Hard-rubber compound for electrical purposes. 115,718; renewed Mar. 6, 1937.
American Textile Engineering, Inc., Kearny, N. J. Preparation for the treatment of textile fibres. 341,968–9; Dec. 29; Serial Nos. 382,109–10; published Oct. 13, 1936. Class 6.
Anestan Limited, London, England. Medicated tablets. 341,888; Dec. 29; Serial No. 381,956; published Oct. 13, 1936. Class 6.
Arista Knitwear Co., New York, N. Y. Women's and misses' knitted bathing suits, dresses, blouses, etc. 341,966; Dec. 29; Serial No. 382,504; published Oct. 20, 1936. Class 39.
Armour and Company. (See Decker, Jacob E., & Sons, assignor.)
Armour and Company. (See Wilson Provision Company, assignor.)
Armour and Company, Chicago, Ill. Bacon and hams. 115,054; renewed Jan. 23, 1937.
Armstrong Cork Company, Pittsburgh, Pa., assignor to Armstrong Cork Company, Lancaster, Pa. Cork composition for gaskets and washers. 115,474; renewed Feb. 20, 1937.
Armstrong Cork Products Company, Lancaster, Pa. Linoleum and similar hard surfaced floor coverings. 342,000; Dec. 29; Serial No. 382,856; published Oct. 20, 1936.
"Ars Liturgica" Spengler & Co., Maria Laach, Germany. Religious works of art. 342,036; Dec. 29; Serial No. 376,658; published Oct. 20, 1936. Class 50.
Asher & Boretz, Inc., New York, N. Y. Pyroxylin coated cloth suitable for upholstery. 341,878; Dec. 29; Serial No. 380,434; published Oct. 6, 1936. Class 50.
Atlantic Insulated Wire & Cable Company, Jersey City, N. J., and Stamford, Conn., assignor, by mesne assignments, to General Cable Corporation, New York, N. Y. Insulated wire. 114,858; renewed Jan. 9, 1937.
Atlas Powder Company. (See Brevolite Lacquer Company, assignor.)
Atlas Silk Hosiery Company, Paterson, N. J., and New York, N. Y. Hosiery. 342,049; Dec. 29; Serial No. 378,972; published Oct. 13, 1936. Class 39.
BBB Company, Limited, The, assignor to William Demuth & Company, New York, N. Y. Smoking tobacco. 341,943; Dec. 29; Serial No. 369,147; published Oct. 20, 1936. Class 17.
Bair, John M., doing business as The Kelpamalt Co., New York, N. Y. Preparation for supplying organic sea minerals. 341,892; Dec. 29; Serial No. 380,901; published Oct. 6, 1936. Class 6.
Band Box Corporation, The, St. Louis, Mo. Dry cleaning machinery. 341,876; Dec. 29; Serial No. 380,381; published Oct. 20, 1936. Class 24.
Barclay, Jas., & Co. Limited, Detroit, Mich. Whiskey and gin. 342,035; Dec. 29. Class 49.
Barker, Fred H., doing business as Barker Products Co., Long Beach, Calif. Nuts. 342,041; Dec. 29; Serial No. 377,661; published Sept. 15, 1936. Class 46.
Bennett Mfg. Company, Inc., North Troy, Vt., and Mount Vernon, N. Y. Baby carriages. 341,890; Dec. 29; Serial No. 381,929; published Oct. 20, 1936. Class 19.
Bentley Motors (1931) Limited, London, England. Automobile and structural parts thereof. 342,062; Dec. 29. Class 19.
Berkshire Chemists. (See Lasky, Edward J.)
Bertucci, Emile A., doing business as Cardellyn Laboratories, New Orleans, La. Vegetable concentrate. 341,927; Dec. 29; Serial No. 380,172; published Oct. 20, 1936. Class 6.
Bethlehem Shipbuilding Corporation, Ltd. (See Fore River Shipbuilding Corporation, assignor.)
Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Woven textile rugs and carpets. 341,932; Dec. 29; Serial No. 382,746; published Oct. 20, 1936. Class 42.
Bismador Company. (See Ford Hopkins Company.)
Blair Sales Company, Inc., Washington, D. C. Cleansing cream, orange flower skin tonic, face powder, etc. 342,048; Dec. 29; Serial No. 378,733; published Oct. 6, 1936. Class 6.
Blake, Moffitt & Towne. (See Crown Willamette Paper Co., assignor.)
Blatz Brewing Company. (See North American Brewing Company, assignor.)
Bolon, John F., doing business as John F. Bolon Cigar Company, Bethesda, Ohio. Cigars, stogies, cigarettes, and tobacco. 341,889; Dec. 29; Serial No. 381,931; published Oct. 20, 1936. Class 17.
Bomex Products Company. (See Hoffman, H. W.)
Booker Brothers, McConnell and Company, Limited, Demerara and Georgetown, Demerara, British Guiana. Perfumery, hair tonic, face cream, etc. 341,972; Dec. 29; Serial No. 382,035; published Oct. 13, 1936. Class 6.
Borchert, Clarence A., and Blair N. Peterson, Weston, W. Va. Toothbrush. 341,936; Dec. 29; Serial No. 382,303; published Oct. 20, 1936. Class 29.
Boshnack, Irene, Brooklyn, N. Y. Trousers, overalls, workshirts, etc. 342,039; Dec. 29; Serial No. 377,452; published Sept 8, 1936. Class 39.
Boston Rubber Shoe Company, Boston and Malden, Mass., assignor to United States Rubber Company, New York, N. Y. Boots and shoes. 115,835; renewed Mar. 13, 1937. Class 39.

Bostonian Manufacturing Co., Ltd., Los Angeles, Calif. Young ladies' underwear. 341,916; Dec. 29; Serial No. 382,335; published Oct. 13, 1936. Class 39.
Brevolite Lacquer Company, North Chicago, Ill., assignor to Atlas Powder Company, Wilmington, Del. Lacquers, lacquer enamels, varnishes, etc. 341,867; Dec. 29; Serial No. 347,045; published Oct. 20, 1936. Class 16.
Brevolite Lacquer Company, North Chicago, Ill., assignor to Atlas Powder Company, Wilmington, Del. Lacquers, lacquer enamels, varnishes, etc. 341,868; Dec. 29; Serial No. 347,047; published Oct. 20, 1936. Class 16.
Brewerton, Gordon S., Salt Lake City, Utah. Stomach tablets and rheumatism preparation. 342,033; Dec. 29; Serial No. 374,814; published Oct. 13, 1936. Class 6.
Bruss, Edward J., doing business as The No-Trik Company, West Allis, Wis. Cleaning preparation. 341,984; Dec. 29; Serial No. 382,201; published Oct. 20, 1936. Class 4.
Bryant, Frances, Brooklyn, N. Y. Pressing oil to straighten the hair and give it a high gloss, and finger wave base hair grower to make the hair grow. 341,880; Dec. 29; Serial No. 380,545; published Oct. 13, 1936. Class 6.
Bunte Brothers, Chicago, Ill. Candy. 115,296; renewed Feb. 6, 1937.
Bunte Brothers, Chicago, Ill. Candy. 115,937; renewed Mar. 27, 1937.
Byron Weston Company, Dalton, Mass. Writing-paper. 114,308; renewed Dec. 5, 1936.
Byron Weston Company, Dalton, Mass. Writing-paper. 114,310; renewed Dec. 5, 1936.
Canadian Mill & Elevator Company, El Reno, Okla. Wheat-flour. 114,143; renewed Dec. 5, 1936.
Canadian Mill & Elevator Company, El Reno, Okla. Wheat-flour. 114,698; renewed Jan. 2, 1937.
Capital Paper Company, Indianapolis, Ind. Wrapping papers. 341,963; Dec. 29; Serial No. 381,188; published Oct. 20, 1936. Class 37.
Cardellyn Laboratories. (See Bertucci, Emile A.)
Cavendish Trading Corporation, New York, N. Y. Shirts, pajamas, underwear, etc. 341,912; Dec. 29; Serial No. 381,189; published Oct. 20, 1936. Class 39.
Charlemagne Powder Bar, Omaha, Nebr. Deodorants, facial creams, and lotions. 341,957; Dec. 29; Serial No. 379,783; published Oct. 6, 1936. Class 6.
Chorlton, James D., doing business as Charles Openshaw & Sons, Manchester, England. Cotton piece goods. 341,937; Dec. 29; Serial No. 382,304; published Oct. 20, 1936. Class 42.
Chryson's, Ltd., Los Angeles, Calif. Skin creams and lotions, almond tissue cream, herbal skin tonic, etc. 341,896; Dec. 29; Serial No. 380,700; published Oct. 13, 1936. Class 6.
Chryson's, Ltd., Los Angeles, Calif. Skin lotions and skin creams. 341,897; Dec. 29; Serial No. 380,699; published Oct. 13, 1936. Class 6.
Chryson's Ltd., Los Angeles, Calif. Cream rouge and lipstick. 341,898; Dec. 29; Serial No. 380,696; published Oct. 13, 1936. Class 6.
Clark, James, Distilling Corporation, Jersey City, N. J. Whiskey. 342,003; Dec. 29; Serial No. 382,943; published Oct. 20, 1936. Class 49.
Cohen, Harry, doing business as "Kitchen-Maid" Dish-towel Co., Seattle, Wash. Dish towels. 341,908; Dec. 29; Serial No. 381,065; published Oct. 20, 1936. Class 42.
Colgate-Palmolive-Peet Company, Jersey City, N. J. Dental cream. 341,971; Dec. 29; Serial No. 382,090; published Oct. 20, 1936. Class 6.
Colloidal Sulphur Co., The, Chicago, Ill. Preparation for the treatment of athlete's foot, ring worm, etc. 341,992; Dec. 29; Serial No. 382,590; published Oct. 20, 1936. Class 6.
Colorplate Engraving Company, New York, N. Y. Etched and engraved plates. 116,290; renewed Apr. 24, 1937.
Conco Engineering Works, Mendota, Ill. Ice cream freezers. 341,872; Dec. 29; Serial No. 364,859; published Oct. 20, 1936. Class 31.
Conoley, R. D., doing business as Man-O-War Remedy Co., Lima, Pa. Veterinary preparation, a preparation in the form of a leg paint, a diuretic mixture, etc. 341,967; Dec. 29; Serial No. 382,116; published Oct. 20, 1936. Class 6.
Continental Pure Products Co. (See Polefsky, Jacob S.)
Continental Rubber Works, Erie, Pa. Rubber pneumatic tires. 116,293; renewed Apr. 24, 1937.
Cook, George C., Rockville Centre, N. Y. Medicinal breath tablets. 341,894; Dec. 29; Serial No. 380,825; published Oct. 6, 1936. Class 6
Cooper, Wells & Company, St. Joseph, Mich. Hosiery for women. 341,870; Dec. 29; Serial No. 359,509; published Oct. 20, 1936. Class 39.
Creed, Josephine F., doing business as Miss Creed, Boston, Mass. Maternity dresses. 342,008; Dec. 29; Serial No. 382,045; published Oct. 20, 1936. Class 39.
Crosley Radio Corporation, The, Cincinnati, Ohio. Vacuum inducing therapeutic apparatus. 342,006; Dec. 29; Serial No. 383,207; published Oct. 20, 1936. Class 44.
Crown Willamette Paper Co., assignor, by mesne assignments, to Blake, Moffitt & Towne, San Francisco, Calif. Paper bags. 114,439; renewed Dec. 19, 1936.
Daltroff, E., & Cie., doing business as Parfumerie Caron, Paris, France. Soaps. 342,042; Dec. 29; Serial No. 377,777; published Oct. 13, 1936. Class 4.
Danberg Furs Inc., New York, N. Y. Ladies' fur coats. 341,879; Dec. 29; Serial No. 380,441; published Oct. 13, 1936. Class 39.
Decker, Jacob E., & Sons, Mason City, Iowa, assignor to Armour and Company, Chicago, Ill. Hams. 115,165; renewed Jan. 30, 1937.
De Le Fond, Charles, doing business as Kalsol Laboratories, Los Angeles, Calif. Preparations used in cases of hyperacid stomach, rheumatism, arthritis, etc. 341,901; Dec. 29; Serial No. 381,599; published Oct. 13, 1936. Class 6.
Demuth, William & Company. (See BBB Company, Limited, The, assignor.)
Devon Laboratories, The. (See Slifkin, William.)
Doan, William C., doing business as Nerv-Worth Company, Zanesville, Ohio. Nerve tonic. 341,947; Dec. 29; Serial No. 382,348; published Oct. 20, 1936. Class 6.
Dollfus-Mieg & Cie. Société Anonyme, Mulhouse, Germany, to Dollfus-Mieg & Cie. Societe Anonyme, Mulhouse, (Haut-Rhin), France. Threads and yarns. 114,726; renewed Jan. 2, 1937.
Duncker, Henry P., doing business as Security Press, St. Louis, Mo. Payroll record books. 341,887; Dec. 29; Serial No. 381,976; published Oct. 20, 1936. Class 37.
Du Pont, E. I. de Nemours and Company, Wilmington, Del. Chemical compound. 341,951; Dec. 29; Serial No. 382,384; published Oct. 20, 1936. Class 6.
Durkee-Atwood Company, Minneapolis, Minn. Chemically treated cleaning cloth. 341,919; Dec. 29; Serial No. 379,884; published Oct. 20, 1936. Class 4.
Eagle Electric Mfg. Co. Inc., Brooklyn, N. Y. Electric attachment plugs. 342,027; Dec. 29; Serial No. 381,758; published Oct. 20, 1936. Class 21.
Eastern Hatters & Clothiers. (See Porizky, S.)
Elder Manufacturing Company, St. Louis, Mo. Shirts. 116,418; renewed May 1, 1937.
Electric Household Utilities Corporation, Cicero, Ill. Domestic washing machines. 341,930; Dec. 29; Serial No. 380,346; published Oct. 20, 1936. Class 24.
Electric Products Corp., Anderson, Ind. Electric batteries. 341,980; Dec. 29; Serial No. 382,551; published Oct. 20, 1936. Class 21.
Electro Seal Products, Erie, Pa. Chemical compounds. 341,961; Dec. 29; Serial No. 381,152; published Oct. 13, 1936. Class 6.
Electroloy Company, Inc., Plainfield, N. J., and New York, N. Y. Electrode material for welding and dies. 341,955; Dec. 29; Serial No. 382,468; published Oct. 20, 1936. Class 14.
Ellandee Trouser Company, Philadelphia, Pa. Dress pants, work pants, overalls, etc. 341,911; Dec. 29; Serial No. 379,556; published Oct. 20, 1936. Class 39.
Elliott, William A., assignor to Osmic Chemical Company, Brockton, Mass. Shoe-polish. 116,419; renewed May 1, 1937.
Ellsworth Chemical Company, The. (See Purcell, Joseph M.)
Emery, Albert L. (See Goodale, Frank C., assignor.)
Evans Products Company, Detroit, Mich. Motor vehicles. 342,052; Dec. 29; Serial No. 379,421; published Oct. 20, 1936. Class 19.
Everedy Company, The, Frederick, Md. Necktie racks. 342,061; Dec. 29. Class 32.
Exhibit Supply Company, Chicago, Ill. Amusement apparatus. 342,021; Dec. 29; Serial No. 382,714; published Oct. 20, 1936. Class 22.
Folsom, Harry M., Jr., doing business as Melt-Auf Company, San Diego, Calif. Artificial teeth cleaner. 341,987; Dec. 29; Serial No. 382,266; published Oct. 13, 1936. Class 4.
Ford Hopkins Company, doing business as Bismador Company, Chicago, Ill. Alkaline antacid powder. 341,886; Dec. 29; Serial No. 381,982; published Oct. 13, 1936. Class 6.
Fore River Shipbuilding Corporation, assignor to Bethlehem Shipbuilding Corporation, Ltd., Quincy, Mass. Vehicles. 116,134; renewed Apr. 10, 1937.
Forstmann Woolen Co., Passaic, N. J. Woolen piece goods. 342,016; Dec. 29; Serial No. 382,662; published Oct. 20, 1936. Class 42.
Fort Dodge Serum Company, Fort Dodge, Iowa. Medicines and pharmacentical preparations. 341,925; Dec. 29; Serial No. 380,048; published Oct. 20, 1936. Class 6.
Fraser Paper, Limited, Plaster Rock, New Brunswick, Canada, and Madawaska, Maine. Printing and writing paper. 342,069; Dec. 29. Class 37.
Fulkerson, J. C., Butler, Mo. Polish and surface vitalizer. 341,962; Dec. 29; Serial No. 381,158; published Oct. 20, 1936. Class 16.
Gardner, Robert T., doing business as Gardner Company, Germantown, Philadelphia, Pa. Cleaning powder and dry cleaning liquid. 342,009; Dec. 29; Serial No. 382,052; published Oct. 13, 1936. Class 4.
General Blade Corp., New York, N. Y. Razor blades. 341,881; Dec. 29; Serial No. 381,268; published Oct. 20, 1936. Class 23.
General Cable Corporation. (See Atlantic Insulated Wire & Cable Company, assignor.)

General Chemical Company, New York, N. Y. Effervescent salt. 116,426; renewed May 1, 1937.
General Cosmetic Company. (See Shepherd, Mary I.)
General Electric Company, Schenectady, N. Y. Electrical wires, cables, and conductors. 341,977–9; Dec. 29; Serial Nos. 382,553–5; published Oct. 20, 1936. Class 21.
General Fruit Corporation. (See Pacific Fruit & Produce Company.)
Gilmer, Elizabeth M., New York, N. Y., to Elizabeth M. Gilmer, New Orleans, La. Newspaper articles, magazine articles, a magazine-section. 115,850; renewed Mar. 13, 1937.
Globe Knitting Works, Grand Rapids, Mich. Piece goods. 341,926; Dec. 29; Serial No. 380,052; published Oct. 20, 1936. Class 42.
Goldberger, Eugene, New York, N. Y. Dolls. 342,045; Dec. 29; Serial No. 378,485; published Oct. 20, 1936. Class 22.
Goodale, Frank C., Lowell, Mass., assignor to Albert L. Emery, Chelmsford, Mass. Soft drinks or beverages and syrups therefor. 114,236; renewed Dec. 5, 1936.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Automobile body polish. 341,993; Dec. 29; Serial No. 382,592; published Oct. 20, 1936. Class 16.
Goodyear's Metallic Rubber Shoe Co., The, Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Shoe-leather substitute. 115,507; renewed Feb. 20, 1937.
Gosnell Manufacturing Company, Minneapolis, Minn. Mixture for use in the preparation of sherbets. 341,944; Dec. 29; Serial No. 369,188; published Oct. 20, 1936. Class 46.
Grand Union Tea Company, New York, N. Y. Powdered cleanser. 341,945; Dec. 29; Serial No. 369,358; published Oct. 20, 1936. Class 4.
Great Western Athletic Goods Co., Chicago, Ill. Game balls and casings therefor. 341,998; Dec. 29; Serial No. 382,628; published Oct. 20, 1936. Class 22.
Greene, Herbert A. (See Johnson, George A., Jr., assignor.)
Gruen Watch Company, The, Cincinnati, Ohio. Watch cases, watches, and watch movements. 342,063; Dec. 29. Class 27.
Haas-Jordan Company, Toledo, Ohio. Umbrellas. 342,004; Dec. 29; Serial No. 383,014; published Oct. 20, 1936. Class 41.
Hassenstein, W. K. Max, doing business as Movie Cosmetics Co., Hollywood, Calif. Preparation for permanent waving of hair. 341,885; Dec. 29; Serial No. 381,986; published Oct. 20, 1936. Class 6.
Hoffman, H. W., doing business as Bomex Products Company, Buffalo, N. Y. Disinfectants, deodorants, and germicides. 342,010; Dec. 29; Serial No. 382,120; published Oct. 20, 1936. Class 6.
Holland-Rieger, Inc., Sandusky, Ohio. Laundry washing machines. 341,954; Dec. 29; Serial No. 382,430; published Oct. 20, 1936. Class 24.
Hosho-Sekiniu Hokkaido Shinyo-Kobai-Hanbai-Kumiai Rengokai, Sapporo, Japan. Peppermint oil, menthol, insectifuge, etc. 342,038; Dec. 29; Serial No. 377,224; published Oct. 13, 1936. Class 6.
Houbigant, Inc., New York, N. Y. Perfume, toilet water, skin lotion, etc. 342,011–2; Dec. 29; Serial Nos. 382,121–2; published Oct. 20, 1936. Class 6.
Huntington Laboratories, Inc., Huntington, Ind. Shampoo. 341,994; Dec. 29; Serial No. 382,594; published Oct. 20, 1936. Class 6.
Hyman, S. E., Company, The, Fremont, Ohio. Covers for automobile cushions, seats, and seat backs. 342,058; Dec. 29. Class 19.
Inderrieden Canning Co., assignor to J. B. Inderrieden Co., Chicago, Ill. Canned vegetables. 113,980; renewed Nov. 14, 1936.
India Rubber Company, New Brunswick, N. J., and New York, N. Y., assignor to United States Rubber Company, New York, N. Y. Battery-jars. 115,617; renewed Feb. 27, 1937.
International Cellucotton Products Company, Chicago, Ill. Absorbent face cleansing sheets made of paper. 341,884; Dec. 29; Serial No. 381,484; published Oct. 20, 1936. Class 37.
International Cellucotton Products Company, Chicago, Ill. Absorbent face cleansing sheets made of paper. 342,065; Dec. 29. Class 37.
International Silver Company, Meriden, Conn. Silver plated flatware. 341,914; Dec. 29; Serial No. 382,312; published Oct. 20, 1936. Class 28.
International Vitamin Corporation, New York, N. Y. Ointment. 341,907; Dec. 29; Serial No. 379,748; published Oct. 6, 1936. Class 6.
Ivey, J. B., & Co., Charlotte, N. C. Hosiery. 341,999; Dec. 29; Serial No. 382,831; published Oct. 20, 1936. Class 39.
Johnson, Edward E., Inc., as assignee of Edward E. Johnson, assignor to Edward E. Johnson, Inc., St. Paul, Minn. Pump-rod couplings. 115,968; renewed Mar. 27, 1937.
Johnson, George A., Jr., Seattle, Wash., assignor to Herbert A. Greene, Germantown, Philadelphia, Pa. Waterproof garments. 115,090; renewed Jan. 23, 1937.
Jones, Polly H., Chicago, Ill. Hair grower preparation. 341,928; Dec. 29; Serial No. 380,175; published Oct. 6, 1936. Class 6.
June Dairy Products Co. Inc., Newark, N. J. Butter, eggs, mayonnaise, etc. 342,028; Dec. 29; Serial No. 381,813; published Oct. 20, 1936. Class 46.
Kalsol Laboratories. (See De Le Fond, Charles.)
Kearney, James R., Corporation, St. Louis, Mo. Electrical grounding clamps. 342,067; Dec. 29. Class 21.
Kelpamalt Co., The. (See Bair, John M.)
Kent-Moore Organization Inc., Detroit, Mich. Air hammers. 341,965; Dec. 29; Serial No. 382,514; published Oct. 20, 1936. Class 23.
"Kitchen-Maid" Dishtowel Co. (See Cohen, Harry.)
Kops Bros., assignor to Kops Brothers, Inc., New York, N. Y. Abdominal belts. 112,780; renewed Sept. 26, 1936.
Kreis, Elmer, & Co., Chicago, Ill. Umbrellas. 341,923; Dec. 29; Serial No. 379,963; published Oct. 13, 1936. Class 41.
Kress, S. H., and Company, New York, N. Y. Adhesive tape, gauze bandage, first-aid kits, etc. 341,970; Dec. 29; Serial No. 382,097; published Oct. 20, 1936. Class 44.
Kutol Products Company, Inc., Cincinnati, Ohio. Wall paper cleaner. 342,051; Dec. 29; Serial No. 380,573; published Oct. 20, 1936. Class 4.
Lackner, Alexander L., Whitestone, N. Y. Soufflé cups and paper drinking cups. 342,059; Dec. 29. Class 2.
Landenberger, J. W., & Co., Philadelphia, Pa. Hosiery. 341,906; Dec. 29; Serial No. 380,576; published Sept. 29, 1936. Class 39.
Lasky, Edward J., doing business as Berkshire Chemists, Brooklyn, N. Y. Inhalant. 341,959; Dec. 29; Serial No. 379,525; published Oct. 6, 1936. Class 6.
La Touraine Coffee Co., Boston, Mass. Tea. 341,953; Dec. 29; Serial No. 382,409; published Oct. 20, 1936. Class 46.
Laurel Biscuit Co., The, Dayton, Ohio. Butter wafers. 342,034; Dec. 29; Serial No. 375,917; published Oct. 20, 1936. Class 46.
Lautz Bros. & Co., Buffalo, N. Y., assignor, by mesne assignments, to Swift and Company, Chicago, Ill. Soap. 115,973; renewed Mar. 27, 1937.
Lawrence, W. W., & Company, Pittsburgh, Pa. Ready-mixed paint. 115,353; renewed Feb. 6, 1937.
Lawrence, W. W., & Company, Pittsburgh, Pa. Paints and enamels, also varnishes, japans. 115,974; renewed Mar. 27, 1937.
Lentheric, Incorporated, New York, N. Y. Perfumes. 341,939; Dec. 29; Serial No. 368,261; published Oct. 6, 1936. Class 6.
Leonard, Elba L., Livermore, Calif. Welding preparation. 342,037; Dec. 29; Serial No. 376,954; published Oct. 20, 1936. Class 5.
Lewyn Drug Incorporated, doing business as Lewyn Drug Laboratories, Los Angeles, Calif. Medicinal periodic regulator. 341,895; Dec. 29; Serial No. 380,777; published Oct. 6, 1936. Class 6.
Lockhart Manufacturing Company, Pittsburgh, Pa. Household brooms and mops. 341,974–6; Dec. 29; Serial Nos. 382,560–2; published Oct. 20, 1936. Class 29.
Los Angeles Soap Co., Los Angeles, Calif. Cleansing cream, tissue cream, face lotion, etc. 341,946; Dec. 29; Serial No. 370,519; published Oct. 20, 1936. Class 6.
Lynndale Distillery Co., Louisville, Ky. Whiskey, gin, rum, etc. 342,005; Dec. 29; Serial No. 383,135; published Oct. 20, 1936. Class 49.
Macy, R. H., & Co., Inc., New York, N. Y. Watches. 341,995; Dec. 29; Serial No. 382,599; published Oct. 20, 1936. Class 27.
Maddock & Miller, Inc., New York, N. Y. China and earthenware tableware and vases. 341,875; Dec. 29; Serial No. 380,355; published Oct. 20, 1936. Class 30.
Man-O-War Remedy Co. (See Conoley, R. D.)
Mantell, Herman, New York, N. Y. Hosiery. 342,029; Dec. 29; Serial No. 381,815; published Oct. 13, 1936. Class 39.
Martie, R. B., Inc., New York, N. Y. Toilet paper, paper napkins, and cleansing tissue. 342053; Dec. 29. Class. 37.
Martin, George R., New York, assignor to Old Dutch Brewers, Inc., Brooklyn, N. Y. Beer and malt beverages. 341,866; Dec. 29; Serial No. 339,437; published Oct. 20, 1936. Class 48.
Master Electric Company, The, Dayton, Ohio. Ventilating fans, fan and radiator heating units, fan window ventilators, etc. 341,873; Dec. 29; Serial No. 367,507; published Oct. 20, 1936. Class 34.
McCreery, James, & Company, New York, N. Y. Hosiery. 342,001; Dec. 29; Serial No. 382,877; published Oct. 20; 1936. Class 39.
Melt-Auf Company. (See Folsom, Harry M., Jr.)
Mihalovitch Brothers Company, The, assignor, by mesne assignments to The Zanol Products Company, Cincinnati, Ohio. Non-alcoholic beverages. 116,341; renewed Apr. 24, 1937.
Minneapolis Knitting Works, Minneapolis, Minn. Underwear, sleeping wear, and play wear. 341,940; Dec. 29; Serial No. 368,451; published Oct. 13, 1936. Class 39.
Mintons, Limited, Stoke-Upon-Trent, England. China and earthenware. 341,918; Dec. 29; Serial No. 374,012; published Oct. 20, 1936. Class 30.
Modern Mechanix Publishing Co., Minneapolis, Minn. Magazine. 341,942; Dec. 29; Serial No. 368,999; published Oct. 20, 1936. Class 38.

Monarch Garment Co. Inc., New York, N. Y. Ladies' cloaks, suits, and coats. 341,964; Dec. 29; Serial No. 382,518; published Oct. 20, 1936. Class 39.
Moth-O-Rize Co., Inc., Chicago, Ill. Mothproofing compound. 342,014; Dec. 29; Serial No. 382,161; published Oct. 13, 1936. Class 6.
Mott Mill & Elevator Company. (See Stewart, Sylvester.)
Movie Cosmetics Co. (See Hassenstein, W. K. Max.)
Nation Wide Papers, Inc., Chicago, Ill. Writing paper, bond paper, and printing paper. 341,874; Dec. 29; Serial No. 367,077; published Oct. 20, 1936. Class 37.
Nedick's Stores, Inc., New York, N. Y. Orange juice beverage. 342,017–8; Dec. 29; Serial Nos. 382,669–70; published Oct. 20, 1936. Class 45.
Nekritz, Louis, doing business as The Perfect Polish Co., Brooklyn, N. Y. Hand soap. 342,032; Dec. 29; Serial No. 381,873; published Oct. 13, 1936. Class 4.
Neoderm Company, Los Angeles, Calif. Medical preparation. 341,982; Dec. 29; Serial No. 382,059; published Oct 13, 1936. Class 6.
Nerv-Worth Company. (See Doan, William C.)
New York, Belting and Packing Company, assignor to United States Rubber Company, New York, N. Y. Machinery belting. 115,788–9; renewed Mar. 6, 1937.
North American Brewing Company, New York and Brooklyn, N. Y., assignor to Blatz Brewing Company, Milwaukee, Wis. Beer. 113,900; renewed Nov. 7, 1936.
No-Trik Company, The. (See Bruss, Edward J.)
Okonite Company, The, New York, N. Y., assignor to The Okonite Company, Passaic, N. J. Insulated wire and cables. 114,270; renewed Dec. 5, 1936.
Old Dutch Brewers, Inc. (See Martin George R., assignor.)
Ole's Chili Products, Chicago, Ill. Chili con carne, dried beans, and spice powders. 342,050; Dec. 29; Serial No. 379,760; published Oct. 20, 1936. Class 46.
Olive, Samuel A., Inc., New York, N. Y. Caracul fur coats. 342,031; Dec. 29; Serial No. 381,831; published Oct. 20, 1936. Class 39.
Openshaw, Charles, & Sons. (See Chorlton, James D.)
Oppenheimer, Gottfried, Inc., New York, N. Y. Snow suits and ski suits, lumberjackets, etc. 341,909; Dec. 29; Serial No. 380,989; published Oct. 6, 1936. Class 39.
Osmic Chemical Company. (See Elliott, William A., assignor.)
Pacific Fruit & Produce Company, doing business as General Fruit Corporation, Seattle, Wash. Canned vegetables and canned fruits. 342,066; Dec. 29. Class 46.
Parfumerie Caron. (See Daltroff, E., & Cie.)
Parker Brothers, Inc., Portland, Maine, and Salem, Mass. Card game. 342,015; Dec. 29; Serial No. 382,634; published Oct. 20, 1936. Class 22.
Parobek Co., Inc., The, Harrisonburg, Va. Hair treating composition. 341,941; Dec. 29; Serial No. 368,948; published Oct. 13, 1936. Class 6.
Patons & Baldwins, Limited, Halifax, England. Yarns. 341,985; Dec. 29; Serial No. 382,231; published Oct. 13, 1936. Class 43.
Patton Paint Company, Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Paints and enamels. 116,085; renewed Apr. 3, 1937.
Perfect Polish Co., The. (See Nekritz, Louis.)
Peterson, Blair N. (See Borchert, Clarence A., and Blair N. Peterson.)
Pierce, S. S., Co., Boston, Mass. Coffee. 115,222; renewed Jan. 30, 1937.
Pharma Chemical Corporation, New York, N. Y., and Bayonne, N. J. Dyes. 341,893; Dec. 29; Serial No. 382,060; published Oct. 13, 1936. Class 6.
Philadelphia Uniform Co., Inc., Consbohocken, Pa. Trousers. 341,981; Dec. 29; Serial No. 382,000; published Oct. 20, 1936. Class 39
Pickands, Al, Chicago, Ill. Denture material. 341,924; Dec. 29; Serial No. 379,974; published Oct. 20, 1936. Class 44.
Pittsburgh Plate Glass Company. (See Patton Paint Company, assignor.)
Pittsburgh Plate Glass Company. (See Rennous, Kleinle & Company of Baltimore City, assignor.)
Polefsky, Jacob S., doing business as Continental Pure Products Co., Jersey City, N. J. Whiskies, brandies, gins, etc. 342,007; Dec. 29; Serial No. 383,223; published Oct. 20, 1936. Class 49.
Perizky, S., doing business as Eastern Hatters & Clothiers, Salt Lake City Utah. Suits and overcoats. 341,865; Dec. 29; Serial No. 321,213; published Mar. 10, 1936. Class 39.
Post, Frederick, Company, The, Chicago, Ill. Sensitized paper for light-printing and development. 342,054; Dec. 29. Class 37.
Producers Company, Ltd., San Francisco, Calif. Periodical. 341,956; Dec. 29; Serial No. 382,488; published Oct. 20, 1936. Class 38.
Progressive Varnish Works, The, Los Angeles, Calif. Varnishes. 342,043; Dec. 29; Serial No. 378,000; published Oct. 20, 1936. Class 16.
Progressive Varnish Works, The, Los Angeles, Calif. Varnishes. 342,044; Dec. 29; Serial No. 378,002; published Oct. 20, 1936. Class 16.
Purcell, Joseph M., doing business as the Ellsworth Chemical Company, Mechanicville, N. Y. Medicinal preparation. 341,899; Dec. 29; Serial No. 380,662; published Oct. 20, 1936. Class 6.
Remiller Co., The, New York, N. Y., to United Drug Company, Boston, Mass., successor. Remedy for nasal catarrh, cold in the head, and hay-fever. 111,023; renewed June 20, 1936.
Rennous, Kleinle & Company of Baltimore City, Baltimore, Md., assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Certain named brushes. 113,108–9; renewed Jan. 23, 1937.
Reo Motor Car Company, Lansing, Mich. Automobiles and structural parts thereof. 342,013; Dec. 29; Serial No. 382,138; published Oct. 20, 1936. Class 17.
Reynolds Wire Co., Dixon, Ill. Wire screen-cloth. 116,237–40; renewed Apr. 17, 1937.
Richardson Corporation, Rochester, N. Y. Fruit syrups. 115,110; renewed Jan. 23, 1937.
Richter, Rudolph M., Los Angeles, Calif. Feature column for newspapers. 342,046; Dec. 29; Serial No. 378,499; published Oct. 20, 1936. Class 38.
Riddiford Bros., Inc., Chicago, Ill. Washing powder. 342,023; Dec. 29; Serial No. 381,639; published Oct. 13, 1936. Class 4.
Riegel Paper Corporation, Riegelsville, N. J., and New York, N. Y. Paper. 341,952; Dec. 29; Serial No. 382,394; published Oct. 20, 1936. Class 37.
Rock-A-Bye Company, New York, N. Y. Oils to be applied to the skin. 342,047; Dec. 29; Serial No. 378,712; published Oct. 20, 1936. Class 6.
Rosenberg, Marks, & Bros., New York, N. Y. Overcoats and top coats. 341,902; Dec. 29; Serial No. 381,535; published Oct. 20, 1936. Class 39.
Rosner, Carl, East Woodbury, N. J. Foods and food ingredients. 341,922; Dec. 29; Serial No. 379,906; published Oct. 20, 1936. Class 46.
Rotary Seal Company, Chicago, Ill. Packing material. 341,920; Dec. 29; Serial No. 379,018; published Oct. 20, 1936. Class 35.
Rotenone Chemical Company, Inc., doing business as Stewart and Company, Los Angeles, Calif. Flea and lice powder for dogs, etc. 342,026; Dec. 29; Serial No. 381,728; published Oct. 20, 1936. Class 6.
Rubber-Gel Products Corporation, North Quincy, Mass. Rubber toys and inflation bladders for balls. 341,934; Dec. 29; Serial No. 382,062; published Oct. 20, 1936. Class 22.
Sanders Manufacturing Company, Nashville, Tenn. Pencils. 341,891; Dec. 29; Serial No. 381,879; published Oct. 13, 1936. Class 37.
Santa Barbara Citrus Juice Co., Inc., Orange, Calif. Canned fruit juices. 341,933; Dec. 29; Serial No. 382,769; published Oct. 20, 1936. Class 45.
Scheer Rosenthal Co. Inc., New York, N. Y. Hosiery. 342,002; Dec. 29; Serial No. 382,891; published Oct. 20, 1936. Class 39.
Schönfeld, Firma Paul, Chemnitz, Germany. Hosiery. 341,948; Dec. 29; Serial No. 382,349; published Oct. 13, 1936. Class 39.
Schrank, M. C., Company, Bridgeton, N. J. Women's and girls slips. 342,030; Dec. 29; Serial No. 381,822; published Oct. 13, 1936. Class 39.
Scientific Sales Methods, Inc., Dallas, Tex. Apparatus for use by salesmen of life insurance, etc. 341,960; Dec. 29; Serial No. 381,088; published Oct. 20, 1936. Class 26.
Scott & Bowne, Bloomfield, N. J. Emulsion of cod-liver oil. 342,040; Dec. 29; Serial No. 377,479; published Oct. 6, 1936. Class 6.
Sears, Roebuck and Co., Chicago, Ill. Umbrellas. 341,988; Dec. 29; Serial No. 382,290; published Oct. 13, 1936. Class 41.
Security Press. (See Duncker, Henry P.)
Shepherd, Mary I., doing business as General Cosmetic Company, Chicago, Ill. Cosmetics. 341,910; Dec. 29; Serial No. 380,974; published Oct. 6, 1936. Class 6.
Silent Hoist Winch and Crane Co., Brooklyn, N. Y. Portable hoists or cranes. 342,056; Dec. 29. Class 23.
Slifkin William, doing business as The Devon Laboratories, Bloomfield, N. J. Analgesic antiseptic compound. 341,989; Dec. 29; Serial No. 382,572; published Oct. 20, 1936. Class 6.
Smile Blade Co. (See Witte, L. S.)
Sno-Flake Products Company, Detroit, Mich. Liquid polish for white leather. 341,929; Dec. 29; Serial No. 380,314; published Oct. 13, 1936. Class 4.
Socony-Vacuum Oil Company Incorporated. (See Vacuum Oil Company, assignor.)
Solomon, Max, New York, N. Y. Chairs. 341,921; Dec. 29; Serial No. 379,497; published Oct. 20, 1936. Class 32.
Solomon, Max, New York, N. Y. Chairs. 341,958; Dec. 29; Serial No. 379,498; published Oct. 20, 1936. Class 32.
Spadoni, Domenick, doing business as White Wave Washing Fluid Company, Chicago, Ill. Washing fluid. 341,917; Dec. 29; Serial No. 371,936; published Oct. 20, 1936. Class 4.
Spratt's Patent (America) Limited, London, England, and Newark, N. J. Medicine for dogs, etc. 116,466; renewed May 1, 1937.
Squire Dingee Company, Chicago, Ill. Salad-dressing, peanut-butter, mustard, etc. 115,408; renewed Feb. 6, 1937.
Standard Naphthalene Products Corporation, Kearny, N. J. Moth preventatives. 341,996; Dec. 29; Serial No. 382,607; published Oct. 20, 1936. Class 6.

Standex Corporation, Los Angeles, Calif. Water paint. 341,997; Dec. 29; Serial No. 382,608; published Oct. 20, 1936. Class 16.
Star Bedding Co., assignor to Star Bedding Company, St. Louis, Mo. Feather pillows. 114,841; renewed Jan. 2, 1937.
Star-Brite Paint Co., Chicago, Ill. Paint enamels, paints, varnishes, etc. 341,883; Dec. 29; Serial No. 381,469; published Oct. 20, 1936. Class 16.
Stearns, Frederick, & Co., Detroit, Mich. Reconstructive tonic. 115,818; renewed Mar. 6, 1937.
Stewart and Company. (See Rotenone Chemical Company, Inc.)
Stewart, Sylvester, to Mott Mill & Elevator Company, Mott, N. Dak., successor. Wheat-flour. 114,395; renewed Dec. 12, 1936.
Straus, Royer & Strass, Inc., Baltimore, Md. Ladies' and misses' jackets, sweaters, shorts, etc. 341,869; Dec. 29; Serial No. 354,270; published Oct. 13, 1936. Class 39.
Straus, Royer & Strass, Inc., Baltimore, Md. Dresses, shirts, shorts, etc. 341,905; Dec. 29; Serial No. 380,597; published Oct. 13, 1936. Class 39.
Strauss, D., Co., Inc., New York, N. Y. Lace and net in the piece. 342,024; Dec. 29; Serial No. 381,644; published Oct. 20, 1936. Class 42.
Strich & Zeidler, Inc., New York, N. Y. Pianos. 113,652; renewed Oct. 24, 1936.
Summit, R. K., Laboratories, Inc., Cleveland, Ohio. Dental tooth powder, mouth wash, cold cream, etc. 341,913; Dec. 29; Serial No. 381,236; published Oct. 20, 1936. Class 6.
Swift and Company. (See Lantz Bros. & Co., assignor.)
Thompson, Henry G., & Son Company, The, New Haven, Conn. Hack saw blades. 341,990; Dec. 29; Serial No. 382,581; published Oct. 20, 1936. Class 23.
Tide Water Oil Co., assignor to Tide Water Oil Company, New York, N. Y. Refined petroleum. 115,822; renewed Mar. 6, 1937.
Tide Water Oil Co., assignor to Tide Water Oil Company, New York, N. Y. Illuminating-oils. 116,167; renewed Apr. 10, 1937.
Trerice, H. O., doing business as H. O. Trerice Co., Detroit, Mich. Thermometers, hygrometers, sling psychrometers, etc. 342,064; Dec. 29; Class 26.
Turf Publications, Inc., Chicago, Ill. Magazine. 342,035; Dec. 29; Serial No. 376,232; published May 26, 1936. Class 38.
Una Welding, Inc., Cleveland, Ohio. Welding rod and welding wire. 341,949; Dec. 29; Serial No. 382,367; published Oct. 20, 1936. Class 14.
Union Switch & Signal Company, The, Swissvale, Pa. Apparatus and machinery used in connection with railway signaling and interlocking systems. 115,558; renewed Feb. 20, 1937.
United Drug Company. (See Remiller Co., The.)
United Feature Syndicate, Inc., New York, N. Y. Magazine issued periodically. 341,950; Dec. 29; Serial No. 382,368; published Oct. 20, 1936. Class 38.
United States Rubber Company. (See Boston Rubber Shoe Company, assignor.)
United States Rubber Company. (See Goodyear's Metallic Rubber Shoe Co., The, assignor.)
United States Rubber Company. (See India Rubber Company, assignor.)
United States Rubber Company. (See New York Belting and Packing Company, assignor.)
United States Rubber Company, New Brunswick, N. J., and New York, N. Y., to United States Rubber Company, New York, N. Y. Boots and shoes. 114,848; renewed Jan. 2, 1937.
Vacuum Oil Company, assignor to Socony-Vacuum Oil Company Incorporated, New York, N. Y. Illuminating, heating, and lubricating oils and greases. 115,043; renewed Jan. 16, 1937.
Valentine & Company, New York, N. Y. Paint oil. 341,882; Dec. 29; Serial No. 381,299; published Oct. 20, 1936. Class 16.
Van Wickle, Harold, Atlantic City, N. J. Reducing preparation for obesity. 341,871; Dec. 29; Serial No. 363,130; published Oct. 6, 1936. Class 6.
Wadsworth, Howland & Co., Incorporated, Boston, Mass. Paints and painters' materials. 116,258; renewed Apr. 17, 1937.
Waldes & Company, New York, assignor, by mesne assignments, to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Safety-pins. 115,126; renewed Jan. 23, 1937.
Waldes & Co., Prague-Wrschowitz, Austria-Hungary, assignor, by mesne assignments, to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Snap-fasteners. 115,469; renewed Feb. 13, 1937.
Walker, Ralph, Kokomo, Ind. Automobiles. 341,904; Dec. 29; Serial No. 381,503; published Oct. 20, 1936. Class 19.
Wasp Pen Co. Inc., The, Fort Madison, Iowa. Fountain pens. 341,973; Dec. 29; Serial No. 382,014; published Oct. 20, 1936. Class 37.
Wayne Knitting Mills, Fort Wayne, Ind. Hosiery. 341,893; Dec. 29; Serial No. 380,896; published Oct. 13, 1936. Class 39.
Weill & Hartmann, New York, N. Y. Fur apparel for women. 341,986; Dec. 29; Serial No. 382,253; published Oct. 20, 1936. Class 39.
Wesco Foods Company, Cincinnati, Ohio. Non-alcoholic beverages. 341,931; Dec. 29; Serial No. 382,734; published Oct. 20, 1936. Class 45.
West Disinfecting Company, New York, N. Y., to West Disinfecting Company, Long Island City, N. Y. Paper towels or paper suitable for use as towels. 114,125–6; renewed Nov. 28, 1936.
West Disinfecting Company, New York, N. Y., to West Disinfecting Company, Long Island City, N. Y. Disinfectants and insecticides. 115,130; renewed Jan. 23, 1937.
Western Electric Company, Incorporated, New York, N. Y. Electrical insulating material. 342,019; Dec. 29; Serial No. 382,689; published Oct. 20, 1936. Class 21.
Westminster Tire Corporation, New York, N. Y. Rubber tires and inner tubes therefor. 342,068; Dec. 29. Class 35.
West Virginia Pulp & Paper Company, New York, N. Y. Book-papers. 116,187; renewed Apr. 10, 1937.
Wheeler, T. A., Hair Doctor, Limited, London, England. Hair shampoos. 341,903; Dec. 29; Serial No. 381,506; published Oct. 20, 1936. Class 6.
White, Corrinne A., Lynn, Mass. Foot lotion and deodorant. 341,900; Dec. 29; Serial No. 380,606; published Oct. 6, 1936. Class 6.
White Wave Washing Fluid Company. (See Spadoni, Domenick.)
Whiting Paper Company, Holyoke, Mass. Writing-papers. 116,488; renewed May 1, 1937.
Wilcox-Rich Corporation, Detroit, Mich. Tappets, rocker arms, valve lifters, etc. 342,060; Dec. 29. Class 23.
Wilson Provision Company, Peoria, Ill., assignor to Armour and Company, Chicago, Ill. Smoked meats, dried salt meats, and lard. 114,852; renewed Jan. 2, 1937.
Witte, L. S., doing business as Smile Blade Co., Milwaukee, Wis. Razor blades. 341,877; Dec. 29; Serial No. 380,429; published Oct. 20, 1936. Class 23.
Worumbo Manufacturing Company, Lisbon Falls, Maine. Woolen goods in the piece. 116,265–6; renewed Apr. 17, 1937.
Wyomissing Glazed Paper Company, West Reading, Pa. Non-curling flint glazed papers, fast-to-light non-curling flint glazed papers, duplex papers, etc. 342,057; Dec. 29. Class 37.
Yellin Brothers, New York, N. Y. Coats, suits, and dresses. 341,935; Dec. 29; Serial No. 382,071; published Oct. 20, 1936. Class 39.
Zanol Products Company, The. (See Mihalovitch Brothers Company, The, assignor.)
Zeroll Company, The, Toledo, Ohio. Dispensing tools, such as spoons and ladles. 341,938; Dec. 29; Serial No. 381,246; published Oct. 20, 1936. Class 23.

LIST OF REGISTRANTS OF LABELS

Ada Milling Company, Ada, Okla. Ada Milling Co. Corn Meal (Pink, Maroon, and White Checkered Pattern). For Corn Meal. 48,641; Dec. 29.
Ada Milling Company, Ada, Okla. Ada Milling Co. Corn-Meal (Maroon and White Colored Pattern). For Corn Meal. 48,642; Dec. 29.
Ada Milling Company, Ada, Okla. Ada Milling Co. Corn Meal. (Red, Black, Green and Yellow Pattern with White Background). For Corn Meal. 48,643; Dec. 29.
Ada Milling Company, Ada, Okla. Ada Milling Co. Corn Meal (Nursery Pattern with Blue Background). For Corn Meal. 48,644; Dec. 29.
Ada Milling Company, Ada, Okla. Ada Milling Co. Flour (Blue Block Surrounded by Maroon and White Stripe). For Flour. 48,645; Dec. 29.
Ada Milling Company, Ada, Okla. Ada Milling Co. Flour (Red, White and Blue Figure with Red Background). For Flour. 48,646; Dec. 29.
Ada Milling Company, Ada, Okla. Ada Milling Co. Flour (Varied Colored Flowers with White Background). For Flour. 48,647; Dec. 29.
Ada Milling Company, Ada, Okla. Ada Milling Co. Flour (White, Red, Green, Dark Blue Dots, White Circles with Light Blue Background). For Flour. 48,648; Dec. 29.
Ada Milling Company, Ada, Okla. Ada Milling Co. Flour (Pink, Blue, Green and Maroon Colored Dice with White Background). For Flour. 48,649; Dec. 29.
American Popcorn Company, Sioux City, Iowa. Giant Yellow South American Pop Corn. For Pop Corn. 48,650; Dec. 29.
American Sales Co., Washington, D. C. Concord. For Ale. 48,651; Dec. 29.
Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Old Fashioned Fruited Oat Cookies. For Cookies. 48,652; Dec. 29.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Oven Baked Beans. For Baked Beans. 48,653; Dec. 29.
Bendix Products Corporation, South Bend, Ind. Bendix Replacement Brake Shoes. For Replacement Brake Shoes. 48,654; Dec. 29.
Buck Company, Dallas, Tex. Buck Brand. For Chili. 48,655; Dec. 29.
Cannon Shoe Company, Baltimore, Md. Cannon's Log Fire Slipper. For Slippers. 48,656; Dec. 29.
Clayton, A. C., Printing Co., St. Louis, Mo. Buck's Bootcrle. For Shoes and Hosiery. 48,657; Dec. 29.
Clayton, A. C., Printing Co., St. Louis, Mo. Featuring Peacock and Miss New Yorker Shoes. For Shoes. 48,658; Dec. 29.
Globe Brewing Company, The, Baltimore, Md. Arrow. For Ale. 48,659; Dec. 29.
Hitt Flashcracka Company, Seattle, Wash. Hitt's Devil Dog Flash Bomb. For Amusement Pyrotechnic Bombs. 48,660; Dec. 29.
Hoffman, Louis, New York, N. Y. Fair Lady Yarns. For Crochet and Knitting Cotton. 48,661; Dec. 29.
Hovden Food Products Corporation, Monterey, Calif. Monte-Rey Maid Tomato Sauce Grilled Sardines. For Canned Sardines. 48,662; Dec. 29.
Johnston, Robert A., Company, Milwaukee, Wis. Chocolate Flavored Sunshine Vitamin-D Drink. For Chocolate Flavored Drink. 48,663; Dec. 29.
Lawrence, W. W., & Company, Pittsburgh, Pa. Lawrence Tiger Brand Paint. For Paint. 48,664; Dec. 29.
Mead Johnson & Company, Evansville, Ind. Mead's Viosterol in Halibut Liver Oil. For Viosterol in Halibut Liver Oil. 48,665–6; Dec. 29.
Minnesota Valley Canning Company, Le Sueur, Minn. Niblets. For Canned Corn. 48,667; Dec. 29.
Minnesota Valley Canning Company, Le Sueur, Minn. Del Maiz. For Canned Cream Style Corn. 48,668; Dec. 29.
Minnesota Valley Canning Company, Le Sueur, Minn. Niblet-Ears. For Canned Corn on the Cob. 48,669; Dec. 29.
Morris, Philip, & Co. Ltd. Incorporated, New York, N. Y. Bond Street. For Pipe Tobacco. 48,670; Dec. 29.
Raven Sales Co., Inc., Woodhaven, N. Y. Co-Op. Brand. For Carbon Paper. 48,671; Dec. 29.
Schilling, A., & Company, San Francisco, Calif. Four Bottles Food Colors. For Food Colors and Droppers for Using said Food Colors. 48,672; Dec. 29.
Scholl Mfg. Co., Inc., The, Chicago, Ill. Dr. Scholl's Medicated Kurotex Corn Pads. For Corn Pads. 48,673; Dec. 29.
Seminole Flavor Company, Chattanooga, Tenn. Name-It. For an Alkaline and Lithiated Beverage. 48,674; Dec. 29.
Sommer, Stockton N., & Co., Inc., St. Louis, Mo. Higbee Company, Cleveland. For Footwear. 48,675; Dec. 29.
Standard Brands Incorporated, New York, N. Y. Fleischmann's. For Yeast. 47,676; Dec. 29.
Standard Toykraft Products, Inc., Brooklyn, N. Y. March of Progress. For Toy Painting Outfits. 48,677; Dec. 29.
Waxide Paper Company, Kansas City, Mo. 1/2 White 1/2 Wheat Sliced Bread. For Half White and Half Wheat Bread. 48,678; Dec. 29.
Waxide Paper Company, Kansas City, Mo. Raisin Bread. For Raisin Bread. 48,679; Dec. 29.

LIST OF REGISTRANTS OF PRINTS

Bendix Products Corporation, South Bend, Ind. Does Your Engine Need a Shot in the Arm? For Carburetors. 15,983; Dec. 29.
Chicago Musical Instrument Company, Chicago, Ill. Dallape Accordion With 'Finger-Tip Tone Control'. For Accordions. 15,984; Dec. 29.
Continental Distilling Corporation, Philadelphia, Pa. How to Make Rum Lamaze. For Rum. 15,985; Dec. 29.
Cream of Wheat Corporation, The, Minneapolis, Minn. Most Precious Years of All. . . . For Wheat Breakfast Food. 15,986; Dec. 29.
General Mills, Inc., Minneapolis, Minn. How New Cake Flour Makes You a Better Cake Maker. . . . 8 Ways. For Cake Flour. 15,987; Dec. 29.
Heath, L. S., & Sons, Robinson, Ill. Heath English Toffee. For English Toffee Bars. 15,988; Dec. 29.
Nannette Manufacturing Company, Philadelphia, Pa. Nannette and Buddy. For Children's Dresses. 15,989; Dec. 29.
Whitmore Manufacturing Company, The, Cleveland, Ohio. Whitmore's. For Lubricants. 15,990; Dec. 29.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 2

Bags, Paper. Crown Willamette Paper Co. 114,439; renewed Dec. 19, 1936.
Cups and paper drinking cups, Soufflé. A. L. Lackner. 342,059; Dec. 29.

CLASS 4

Cleaner, Artificial teeth. H. M. Folsom, Jr. 341,987; Dec. 29; Serial No. 382,266; published Oct. 13, 1936.
Cleaner, Wall paper. Kutol Products Company. 342,051; Dec. 29; Serial No. 380,573; published Oct. 20, 1936.
Cleaning cloth, Chemically treated. Durkee-Atwood Company. 341,919; Dec. 29; Serial No. 379,884; published Oct. 20, 1936.
Cleaning powder and dry cleaning liquid. R. T. Gardner. 342,009; Dec. 29; Serial No. 382,052; published Oct. 13, 1936.
Cleaning preparation. E. J. Bruss. 341,984; Dec. 29; Serial No. 382,201; published Oct. 20, 1936.
Cleanser, Powdered. Grand Union Tea Company. 341,945; Dec. 29; Serial No. 369,358; published Oct. 20, 1936.
Polish for white leather, Liquid. Sno-Flake Products Company. 341,929; Dec. 29; Serial No. 380,314; published Oct. 13, 1936.
Polish, Shoe. W. A. Elliott. 116,419; renewed May 1, 1937.
Soap. Lautz Bros. & Co. 115,973; renewed Mar. 27, 1937.
Soap, Hand. L. Nekritz. 342,032; Dec. 29; Serial No. 381,873; published Oct. 13, 1936.
Soaps. E. Daltroff & Cie. 342,042; Dec. 29; Serial No. 377,777; published Oct. 13, 1936.
Washing fluid. D. Spadoni. 341,917; Dec. 29; Serial No. 371,936; published Oct. 20, 1936.
Washing powder. Riddiford Bros., Inc. 342,023; Dec. 29; Serial No. 381,639; published Oct. 13, 1936.

CLASS 5

Welding preparation. E. L. Leonard. 342,037; Dec. 29; Serial No. 376,954; published Oct. 20, 1936.

CLASS 6

Analgesic antiseptic compound. W. Slifkin. 341,989; Dec. 29; Serial No. 382,572; published Oct. 20, 1936.
Antacid powder, Alkaline. Ford Hopkins Company. 341,886; Dec. 29; Serial No. 381,982; published Oct. 13, 1936.
Chemical compound. E. I. du Pont de Nemours and Company. 341,951; Dec. 29; Serial No. 382,384; published Oct. 20, 1936.
Chemical compounds. Electro Seal Products. 341,961; Dec. 29; Serial No. 381,152; published Oct. 13, 1936.
Cosmetics. M. I. Shepherd. 341,910; Dec. 29; Serial No. 380,974; published Oct. 6, 1936.
Cream, Dental. Colgate-Palmolive-Peet Company. 341,971; Dec. 29; Serial No. 382,090; published Oct. 20, 1936.
Cream, orange flower skin tonic, face powder, etc., Cleansing. Blair Sales Company. 342,048; Dec. 29; Serial No. 378,733; published Oct. 6, 1936.
Cream, tissue cream, face lotion, etc., Cleansing. Los Angeles Soap Co. 341,946; Dec. 29; Serial No. 370,519; published Oct. 20, 1936.
Creams and lotions, almond tissue cream, herbal skin tonic, etc., Skin. Chryson's, Ltd. 341,896; Dec. 29; Serial No. 380,700; published Oct. 13, 1936.
Deodorants, facial creams, and lotions. Charlemagne Powder Bar. 341,957; Dec. 29; Serial No. 379,783; published Oct. 6, 1936.
Disinfectants and insecticides. West Disinfecting Company. 115,130; renewed Jan. 23, 1937.
Disinfectants, deodorants, and germicides. H. W. Hoffman. 342,010; Dec. 29; Serial No. 382,120; published Oct. 20, 1936.
Dyes. Pharma Chemical Corporation. 341,983; Dec. 29; Serial No. 382,060; published Oct. 13, 1936.
Emulsion of cod-liver oil. Scott & Bowne. 342,040; Dec. 29; Serial No. 377,479; published Oct. 6, 1936.
Hair grower preparation. P. H. Jones. 341,928; Dec. 29; Serial No. 380,175; published Oct. 6, 1936.
Hair treating composition. Parobek Co. 341,941; Dec. 29; Serial No. 368,948; published Oct. 13, 1936.
Inhalant. E. J. Lasky. 341,959; Dec. 29; Serial No. 379,525; published Oct. 6, 1936.

Lotion and deodorant, Foot. C. A. White. 341,900; Dec. 29; Serial No. 380,606; published Oct. 6, 1936.
Lotions and skin creams, Skin. Chryson's, Ltd. 341,897; Dec. 29; Serial No. 380,699; published Oct. 13, 1936.
Medical preparation. Neoderm Company. 341,982; Dec. 29; Serial No. 382,059; published Oct. 13, 1936.
Medicated tablets. Anestan Limited. 341,888; Dec. 29; Serial No. 381,956; published Oct. 13, 1936.
Medicinal breath tablets. G. C. Cook. 341,894; Dec. 29; Serial No. 380,825; published Oct. 6, 1936.
Medicinal periodic regulator. Lewyn Drug Incorporated. 341,895; Dec. 29; Serial No. 380,777; published Oct. 6, 1936.
Medicinal preparation. J. M. Purcell. 341,899; Dec. 29; Serial No. 380,662; published Oct. 20, 1936.
Medicine for dogs, etc. Spratt's Patent (America) Limited. 116,466; renewed May 1, 1937.
Medicines and pharmaceutical preparations. Fort Dodge Serum Company. 341,925; Dec. 29; Serial No. 380,048; published Oct. 20, 1936.
Moth preventatives. Standard Naphthalene Products Corporation. 341,996; Dec. 29; Serial No. 382,607; published Oct. 20, 1936.
Mothproofing compound. Moth-O-Rize Co. 342,014; Dec. 29; Serial No. 382,161; published Oct. 13, 1936.
Oil to straighten the hair and give it a high gloss, and finger wave base hair grower to make the hair grow, Pressing. F. Bryant. 341,880; Dec. 29; Serial No. 380,545; published Oct. 13, 1936.
Oils to be applied to the skin. Rock-A-Bye Company. 342,047; Dec. 29; Serial No. 378,712; published Oct. 20, 1936.
Ointment. International Vitamin Corporation. 341,907; Dec. 29; Serial No. 379,748; published Oct. 6, 1936.
Peppermint oil, menthol, insectifuge, etc. Hosho-Sekinin Hokkaido Shinyo-Kobai-Hanbai-Kumiai Rengokai. 342,038; Dec. 29; Serial No. 377,224; published Oct. 13, 1936.
Perfume, toilet water, skin lotion, etc. Houbigant, Inc. 342,011–2; Dec. 29; Serial Nos. 382,121–2; published Oct. 20, 1936.
Perfumery, hair tonic, face cream, etc. Booker Brothers, McConnell and Company. 341,972; Dec. 29; Serial No. 382,035; published Oct. 13, 1936.
Perfumes. Lentheric, Incorporated. 341,939; Dec. 29; Serial No. 368,261; published Oct. 6, 1936.
Powder for dogs, etc., Flea and lice. Rotenone Chemical Company. 342,026; Dec. 29; Serial No. 381,728; published Oct. 20, 1936.
Powder, mouth wash, cold cream, etc., Dental tooth. R. K. Summit Laboratories, Inc. 341,913; Dec. 29; Serial No. 381,236; published Oct. 20, 1936.
Preparation for permanent waving of hair. W. K. Max Hassenstein. 341,885; Dec. 29; Serial No. 381,986; published Oct. 20, 1936.
Preparation for supplying organic sea minerals. J. M. Bair. 341,892; Dec. 29; Serial No. 380,901; published Oct. 6, 1936.
Preparation for the treatment of athlete's foot, ring worm, etc. Colloidal Sulphur Co. 341,992; Dec. 29; Serial No. 382,590; published Oct. 20, 1936.
Preparation for the treatment of textile fibres. American Textile Engineering, Inc. 341,968–9; Dec. 29; Serial Nos. 382,109–10; published Oct. 13, 1936.
Preparations used in cases of hyper-acid stomach, rheumatism, etc. C. De Le Fond. 341,901; Dec. 29; Serial No. 381,599; published Oct. 13, 1936.
Reducing preparation for obesity. H. Van Wickle. 341,871; Dec. 29; Serial No. 363,130; published Oct. 6, 1936.
Remedy for nasal catarrh, cold in the head, and hay-fever. Remiller Co. 111,023; renewed June 20, 1936.
Rouge and lipstick, Cream. Chryson's, Ltd. 341,898; Dec. 29; Serial No. 380,696; published Oct. 13, 1936.
Salt, Effervescent. General Chemical Company. 116,426; renewed May 1, 1937.
Shampoo. Huntington Laboratories, Inc. 341,994; Dec. 29; Serial No. 382,594; published Oct. 20, 1936.
Shampoos, Hair. T. A. Wheeler, Hair Doctor, Limited. 341,903; Dec. 29; Serial No. 381,506; published Oct. 20, 1936.
Stomach tablets and rheumatism preparation. G. S. Brewerton. 342,033; Dec. 29; Serial No. 374,814; published Oct. 13, 1936.
Tonic, Nerve. W. C. Doan. 341,947; Dec. 29; Serial No. 382,348; published Oct. 20, 1936.
Tonic, Reconstructive. Frederick Stearns & Co. 115,818; renewed Mar. 6, 1937.
Vegetable concentrate. E. A. Bertucci. 341,927; Dec. 29; Serial No. 380,172; published Oct. 20, 1936.
Veterinary preparation, a preparation in the form of a leg paint, a diuretic mixture, etc. R. D. Conley. 341,967; Dec. 29; Serial No. 382,116; published Oct. 20, 1936.

CLASS 13

Wire screen-cloth. Reynolds Wire Co. 116,237–40; renewed Apr. 17, 1937.

CLASS 14

Electrode material for welding and dies. Electroloy Company. 341,955; Dec. 29; Serial No. 382,468; published Oct. 20, 1936.
Iron castings. Advance Foundry Company. 116,025; renewed Apr. 3, 1937.
Pipe, Cast Iron. American Cast Iron Pipe Company. 341,915; Dec. 29; Serial No. 382,333; published Sept. 29, 1936.
Welding rod and welding wire. Una Welding, Inc. 341,949; Dec. 29; Serial No. 382,367; published Oct. 20, 1936.

CLASS 15

Petroleum, Refined. Tide Water Oil Co. 115,822; renewed Mar. 6, 1937.
Oils and greases, Illuminating, heating, and lubricating. Vacuum Oil Company. 115,043; renewed Jan. 16, 1937.
Oils, Illuminating. Tide Water Oil Company. 116,167; renewed Apr. 10, 1937.

CLASS 16

Lacquers, lacquer enamels, varnishes, etc. Brevolite Lacquer Company. 341,867; Dec. 29; Serial No. 347,045; published Oct. 20, 1936.
Lacquers, lacquer enamels, varnishes, etc. Brevolite Lacquer Company. 341,868; Dec. 29; Serial No. 347,047; published Oct. 20, 1936.
Paint enamels, paints, varnishes, etc. Star-Brite Paint Co. 341,883; Dec. 29; Serial No. 381,469; published Oct. 20, 1936.
Paint oil. Valentine & Company. 341,882; Dec. 29; Serial No. 381,299; published Oct. 20, 1936.
Paint, Ready-mixed. W. W. Lawrence & Company. 115,353; renewed Feb. 6, 1937.
Paint, Water. Standex Corporation. 341,997; Dec. 29; Serial No. 382,608; published Oct. 20, 1936.
Paints and enamels. Patton Paint Company. 116,085; renewed Apr. 3, 1937.
Paints and enamels, also varnishes, japans. W. W. Lawrence & Company. 115,974; renewed Mar. 27, 1937.
Paints and painters' material. Wadsworth, Howland & Co. 116,258; renewed Apr. 17, 1937.
Polish and surface vitalizer. J. C. Fulkerson. 341,862; Dec. 29; Serial No. 381,158; published Oct. 20, 1936.
Polish, Automobile body. Goodyear Tire & Rubber Company. 341,993; Dec. 29; Serial No. 382,592; published Oct. 20, 1936.
Varnishes. Progressive Varnish Works. 342,043; Dec. 29; Serial No. 378,000; published Oct. 20, 1936.
Varnishes. Progressive Varnish Works. 342,044; Dec. 29; Serial No. 378,002; published Oct. 20, 1936.

CLASS 17

Cigars, stogies, cigarettes and tobacco. J. F. Bolou. 341,889; Dec. 29; Serial No. 381,931; published Oct. 20, 1936.
Tobacco, Smoking. BBB Company. 341,943; Dec. 29; Serial No. 369,147; published Oct. 20, 1936.

CLASS 19

Automobile and structural parts thereof. Bentley Motors (1931) Limited. 342,062; Dec. 29, 1936.
Automobiles. R. Walker. 341,904; Dec. 29; Serial No. 381,503; published Oct. 20, 1936.
Automobiles and structural parts thereof. Reo Motor Car Company. 342,013; Dec. 29; Serial No. 382,138; published Oct. 20, 1936.
Carriages, Baby. Bennett Mfg. Company. 341,890; Dec. 29; Serial No. 381,929; published Oct. 20, 1936.
Covers for automobile cushions, seats, and seat backs. S. E. Hyman Company. 342,058; Dec. 29.
Vehicles. Fore River Shipbuilding Corporation. 116,134; renewed Apr. 10, 1937.
Vehicles, Motor. Evans Products Company. 342,052; Dec. 29; Serial No. 379,421; published Oct. 20, 1936.

CLASS 20

Linoleum and similar hard surfaced floor coverings. Armstrong Cork Products Company. 342,000; Dec. 29; Serial No. 382,856; published Oct. 20, 1936.

CLASS 21

Batteries, Electric. Electric Products Corp. 341,980; Dec. 29; Serial No. 382,551; published Oct. 20, 1936.
Battery-jars. India Rubber Company. 115,617; renewed Feb. 27, 1937.
Electric attachment plugs. Eagle Electric Mfg. Co. Inc. 342,027; Dec. 29; Serial No. 381,758; published Oct. 20, 1936.
Electrical grounding clamps. James R. Kearney Corporation. 342,067; Dec. 29.
Electrical insulating material. Western Electric Company. 342,019; Dec. 29; Serial No. 382,689; published Oct. 20, 1936.
Electrical wires, cables, and conductors. General Electric Company. 341,977–9; Dec. 29; Serial Nos. 382,553–5; published Oct. 20, 1936.
Fans, Electric. Air Devices Corporation. 342,020; Dec. 29; Serial No. 382,703; published Oct. 20, 1936.
Rubber compound for electrical purposes, Hard. American Hard Rubber Company. 115,718; renewed Mar. 6, 1937.
Wire and cables, Insulated. Okonite Company. 114,270–1; renewed Dec. 5, 1936.
Wire, Insulated. Atlantic Insulated Wire & Cable Company. 114,857; renewed Jan. 9, 1937.

Amusement apparatus. Exhibit Supply Company. 342,021; Dec. 29; Serial No. 382,714; published Oct. 20, 1936.
Balls and casings therefor, Game. Great Western Athletic Goods Co. 341,998; Dec. 29; Serial No. 382,628; published Oct. 20, 1936.
Dolls. E. Goldberger. 342,045; Dec. 29; Serial No. 378,485; published Oct. 20, 1936.
Game, Card. Parker Brothers, Inc. 342,015; Dec. 29; Serial No. 382,634; published Oct. 20, 1936.
Toys and inflation bladders for balls, Rubber. Rubber-Gel Products Corporation. 341,934; Dec. 29; Serial No. 382,062; published Oct. 20, 1936.

CLASS 23

Apparatus and machinery used in connection with railway signaling and interlocking systems. Union Switch & Signal Company. 115,558; renewed Feb. 20, 1937.
Boat shafting. American Brass Company. 342,022; Dec. 29; Serial No. 381,601; published Oct. 20, 1936.
Couplings, Pump-rod. Edward E. Johnson, Inc. 115,968; renewed Mar. 27, 1937.
Hammers, Air. Kent-Moore Organization Inc. 341,965; Dec. 29; Serial No. 382,514; published Oct. 20, 1936.
Hoists or cranes, Portable. Silent Hoist Winch and Crane Co. 342,056; Dec. 29.
Razor blades. General Blade Corp. 341,881; Dec. 29; Serial No. 381,268; published Oct. 20, 1936.
Razor blades. L. S. White. 341,877; Dec. 29; Serial No. 380,429; published Oct. 20, 1936.
Saw blades, Hack. Henry G. Thompson & Son Company. 341,990; Dec. 29; Serial No. 382,581; published Oct. 20, 1936.
Tappets, rocker arms, valve lifters, etc. Wilcox-Rich Corporation. 342,060; Dec. 29.
Tools, such as spoons and ladles, Dispensing. Zeroll Company. 341,938; Dec. 29; Serial No. 381,246; published Oct. 20, 1936.

CLASS 24

Dry cleaning machinery. Band Box Corporation. 341,876; Dec. 29; Serial No. 380,381; published Oct. 20, 1936.
Washing machines, Domestic. Electric Household Utilities Corporation. 341,930; Dec. 29; Serial No. 380,346; published Oct. 20, 1936.
Washing machines, Laundry. Holland-Rieger, Inc. 341,954; Dec. 29; Serial No. 382,430; published Oct. 20, 1936.

CLASS 26

Apparatus for use by salesmen of life insurance, etc. Scientific Sales Methods, Inc. 341,960; Dec. 29; Serial No. 381,088; published Oct. 20, 1936.
Thermometers, hygrometers, sling psychrometers, etc. H. O. Trerice. 342,064; Dec. 29.

CLASS 27

Watch cases, watches, and watch movements. Gruen Watch Company. 342,063; Dec. 29.
Watches. R. H. Macy & Co. 341,995; Dec. 29; Serial No. 382,599; published Oct. 20, 1936.

CLASS 28

Flatware, Silver plated. International Silver Company. 341,914; Dec. 29; Serial No. 382,312; published Oct. 20, 1936.

CLASS 29

Brooms and mops, Household. Lockhart Manufacturing Company. 341,974–6; Dec. 29; Serial Nos. 382,560–2; published Oct. 20, 1936.
Brushes. Rennous, Kleinle & Company of Baltimore City. 115,108–9; renewed Jan. 23, 1937.
Toothbrush. Clarence A. Borchert and Blair N. Peterson. 341,936; Dec. 29; Serial No. 382,303; published Oct. 20, 1936.

CLASS 30

China and earthenware. Mintons, Limited. 341,918; Dec. 29; Serial No. 374,012; published Oct. 20, 1936.
Tableware and vases, China and earthenware. Maddock & Miller, Inc. 341,875; Dec. 29; Serial No. 380,355; published Oct. 20, 1936.

CLASS 31

Freezers, Ice cream. Conco Engineering Works. 341,872; Dec. 29; Serial No. 364,859; published Oct. 20, 1936.

CLASS 32

Chairs. M. Solomon. 341,921; Dec. 29; Serial No. 379,497; published Oct. 20, 1936.
Chairs. M. Solomon. 341,958; Dec. 29; Serial No. 379,498; published Oct. 20, 1936.
Pillows, Feather. Star Bedding Co. 114,841; renewed Jan. 2, 1937.
Racks, Necktie. Everedy Company. 342,061; Dec. 29.

CLASS 34

Fans, fan and radiator heating units, fan window ventilators, etc., Ventilating. Master Electric Company. 341,873; Dec. 29; Serial No. 367,507; published Oct. 20, 1936.

CLASS 35

Belting, Machinery. New York Belting and Packing Company. 115,788–9; renewed Mar. 6, 1937.
Cork composition for gaskets and washers. Armstrong Cork Company. 115,474; renewed Feb. 20, 1937.
Packing material. Rotary Seal Company. 341,920; Dec. 29; Serial No. 379,018; published Oct. 20, 1936.
Tires and inner tubes therefor, Rubber. Westminster Tire Corporation. 342,068; Dec. 29.
Tires, Rubber pneumatic. Continental Rubber Works. 116,293; renewed Apr. 24, 1937.

CLASS 36

Pianos. Strich & Zeidler, Inc. 113,652; renewed Oct. 24, 1936.

CLASS 37

Books, Payroll record. H. P. Duncker. 341,887; Dec. 29; Serial No. 381,976; published Oct. 20, 1936.
Paper. Riegel Paper Corporation. 341,952; Dec. 29; Serial No. 382,394; published Oct. 20, 1936.
Paper, bond paper, and printing paper, Writing. Nation Wide Papers, Inc. 341,874; Dec. 29; Serial No. 367,677; published Oct. 20, 1936.
Paper for light-printing, and development, Sensitized. Frederick Post Company. 342,054; Dec. 29.
Paper, paper napkins and cleansing tissue, Toilet. R. B. Martle, Inc. 342,053; Dec. 29.
Paper, Printing and writing. Fraser Paper, Limited. 342,069; Dec. 29.
Paper towels or paper suitable for use as towels. West Disinfecting Company. 114,125–6; renewed Nov. 28, 1936.
Paper, Writing. Byron Weston Company. 114,308; renewed Dec. 5, 1936.
Paper, Writing. Byron Weston Company. 114,310; renewed Dec. 5, 1936.
Papers, Book. West Virginia Pulp & Paper Company. 116,187; renewed Apr. 10, 1937.
Papers, fast-to-light non-curling flint glazed papers, duplex papers, etc., Non-curling flint glazed. Wyomissing Glazed Paper Company. 342,057; Dec. 29.
Papers, Wrapping. Capital Paper Company. 341,963; Dec. 29; Serial No. 381,188; published Oct. 20, 1936.
Papers, Writing. Whiting Paper Company. 116,188; renewed May 1, 1937.
Pencils. Sanders Manufacturing Company. 341,891; Dec. 29; Serial No. 381,879; published Oct. 13, 1936.
Pens, Fountain. Wasp Pen Co. Inc. 341,973; Dec. 29; Serial No. 382,014; published Oct. 20, 1936.
Sheets made of paper, Absorbent face cleansing. International Cellucotton Products Company. 341,884; Dec. 29; Serial No. 381,484; published Oct. 20, 1936.
Sheets made of paper, Absorbent face cleansing. International Cellucotton Products Company. 342,065; Dec. 29.

CLASS 38

Column for newspapers, Feature. R. M. Richter. 342,046; Dec. 29; Serial No. 378,499; published Oct. 20, 1936.
Magazine. Modern Mechanix Publishing Co. 341,942; Dec. 29; Serial No. 368,999; published Oct. 20, 1936.
Magazine. Turf Publications, Inc. 342,035; Dec. 29; Serial No. 376,232; published May 26, 1936.
Magazine. United Feature Syndicate, Inc. 341,950; Dec. 29; Serial No. 382,368; published Oct. 20, 1936.
Newspaper articles, magazine articles, a magazine-section. E. M. Gilmer. 115,850; renewed Mar. 13, 1937.
Periodical. Producers Company, Ltd. 341,956; Dec. 29; Serial No. 382,488; published Oct. 20, 1936.

CLASS 39

Apparel for women, Fur. Weill & Hartmann. 341,986; Dec. 29; Serial No. 382,253; published Oct. 20, 1936.
Boots and shoes. Boston Rubber Shoe Company. 115,835; renewed Mar. 13, 1937.
Boots and shoes. United States Rubber Company. 114,848; renewed Jan. 2, 1937.
Cloaks, suits, and coats, Ladies'. Monarch Garment Co. Inc. 341,964; Dec. 29; Serial No. 382,518; published Oct. 20, 1936.
Coats, Caracul fur. Samuel A. Olive, Inc. 342,031; Dec. 29; Serial No. 381,831; published Oct. 20, 1936.
Coats, Ladies' fur. Danberg Furs Inc. 341,879; Dec. 29; Serial No. 380,441; published Oct. 13, 1936.
Coats, suits, and dresses. Yellin Brothers. 341,935; Dec. 29; Serial No. 382,071; published Oct. 20, 1936.
Dresses, Maternity. J. F. Creed. 342,008; Dec. 29; Serial No. 382,045; published Oct. 20, 1936.
Dresses, shirts, shorts, etc. Straus, Royer & Strass, Inc. 341,905; Dec. 29; Serial No. 380,597; published Oct. 13, 1936.
Garments, Waterproof. G. A. Johnson, Jr. 115,090; renewed Jan. 23, 1937.
Hosiery. Atlas Silk Hosiery Company. 342,049; Dec. 29; Serial No. 378,972; published Oct. 13, 1936.
Hosiery. Firma Paul Schönfeld. 341,948; Dec. 29; Serial No. 382,349; published Oct. 13, 1936.
Hosiery. J. B. Ivey & Co. 341,999; Dec. 29; Serial No. 382,831; published Oct. 20, 1936.
Hosiery. J. W. Landenberger & Co. 341,906; Dec. 29; Serial No. 380,576; published Sept. 29, 1936.

Hosiery. H. Mantell. 342,029; Dec. 29; Serial No. 381,815; published Oct. 13, 1936.
Hosiery. James McCreery & Company. 342,001; Dec. 29; Serial No. 382,877; published Oct. 20, 1936.
Hosiery. Scheer Rosenthal Co. Inc. 342,002; Dec. 29; Serial No. 382,891; published Oct. 20, 1936.
Hosiery. Wayne Knitting Mills. 341,893; Dec. 29; Serial No. 380,896; published Oct. 13, 1936.
Hosiery for women. Cooper, Wells & Company. 341,870; Dec. 29; Serial No. 359,509; published Oct. 20, 1936.
Jackets, sweaters, shorts, etc., Ladies' and misses'. Straus, Royer & Strass, Inc. 341,869; Dec. 29; Serial No. 354,270; published Oct. 13, 1936.
Overcoats and top coats. Marks Rosenberg & Bros. 341,902; Dec. 29; Serial No. 381,535; published Oct. 20, 1936.
Pants, work pants, overalls, etc., Dress. Ellandee Trouser Company. 341,911; Dec. 29; Serial No. 379,556; published Oct. 20, 1936.
Shirts. Elder Manufacturing Company. 116,418; renewed May 1, 1937.
Shirts, pajamas, underwear, etc. Cavendish Trading Corporation. 341,912; Dec. 29; Serial No. 381,189; published Oct. 20, 1936.
Slips, Women's and girls'. M. C. Schrank Company. 342,030; Dec. 29; Serial No. 381,822; published Oct. 13, 1936.
Suits and overcoats. S. Porizky. 341,865; Dec. 29; Serial No. 321,213; published Mar. 10, 1936.
Suits and ski suits, lumberjackets, etc., Snow. Gottfried Oppenheimer, Inc. 341,909; Dec. 29; Serial No. 380,989; published Oct. 6, 1936.
Suits, dresses, blouses, etc., Women's and misses' knitted bathing. Arista Knitwear Co. 341,966; Dec. 29; Serial No. 382,504; published Oct. 20, 1936.
Trousers. Philadelphia Uniform Co. 341,981; Dec. 29; Serial No. 382,000; published Oct. 20, 1936.
Trousers, overalls, workshirts, etc. I. Boshnack. 342,039; Dec. 29; Serial No. 377,452; published Sept. 8, 1936.
Underwear, sleeping wear and play wear. Minneapolis Knitting Works. 341,940; Dec. 29; Serial No. 368,451; published Oct. 13, 1936.
Underwear, Young ladies'. Bostonian Manufacturing Co. 341,916; Dec. 29; Serial No. 382,335; published Oct. 13, 1936.

CLASS 40

Safety-pins. Waldes & Company. 115,126; renewed Jan. 23, 1937.
Snap-fasteners. Waldes & Co. 115,469; renewed Feb. 13, 1937.

CLASS 41

Umbrellas. Haas-Jordan Company. 342,004; Dec. 29; Serial No. 383,014; published Oct. 20, 1936.
Umbrellas. Elmer Kreis & Co. 341,923; Dec. 29; Serial No. 379,963; published Oct. 13, 1936.
Umbrellas. Sears, Roebuck and Co. 341,988; Dec. 29; Serial No. 382,290; published Oct. 13, 1936.

CLASS 42

Cotton piece goods. J. D. Chorlton. 341,937; Dec. 29; Serial No. 382,304; published Oct. 20, 1936.
Lace and net in the piece. D. Strauss Co. 342,024; Dec. 29; Serial No. 381,644; published Oct. 20, 1936.
Piece goods. Globe Knitting Works. 341,926; Dec. 29; Serial No. 380,052; published Oct. 20, 1936.
Rugs and carpets, Woven textile. Bigelow-Sanford Carpet Co. Inc. 341,932; Dec. 29; Serial No. 382,746; published Oct. 20, 1936.
Towels, Dish. H. Cohen. 341,908; Dec. 29; Serial No. 381,065; published Oct. 20, 1936.
Woolen goods in the piece. Worumbo Manufacturing Company. 116,265-6; renewed Apr. 17, 1937.
Woolen piece goods. Forstmann Woolen Co. 342,016; Dec. 29; Serial No. 382,662; published Oct. 20, 1936.

CLASS 43

Thread and yarn. American Bemberg Corporation. 341,991; Dec. 29; Serial No. 382,582; published Oct. 20, 1936.
Threads and yarns. Dollfus-Mieg & Cie. Société Anonyme. 114,726; renewed Jan. 2, 1937.
Yarns. Patons & Baldwins, Limited. 341,985; Dec. 29; Serial No. 382,231; published Oct. 13, 1936.

CLASS 44

Abdominal belts. Kops Bros. 112,780; renewed Sept. 26, 1936.
Adhesive tape, gauze bandage, absorbent cotton, etc. S. H. Kress and Company. 341,970; Dec. 29; Serial No. 382,097; published Oct. 20, 1936.
Denture material. Al Pickands. 341,924; Dec. 29; Serial No. 379,974; published Oct. 20, 1936.
Therapeutic apparatus, Vacuum inducing. Crosley Radio Corporation. 342,006; Dec. 29; Serial No. 383,207; published Oct. 20, 1936.

CLASS 45

Beverage, Orange juice. Nedick's Stores, Inc. 342,017-8; Dec. 29; Serial No. 382,669-70; published Oct. 20, 1936.
Beverages, Non-alcoholic. Mihalovitch Brothers Company. 116,341; renewed Apr. 24, 1937.
Beverages, Non-alcoholic. Wesco Foods Company. 341,931; Dec. 29; Serial No. 382,734; published Oct. 20, 1936.
Drinks or beverages and syrups therefor, Soft. F. C. Goodale. 114,236; renewed Dec. 5, 1936.
Juices, Canned fruit. Santa Barbara Citrus Juice Co. 341,933; Dec. 29; Serial No. 382,769; published Oct. 20, 1936.
Syrups, Fruit. Richardson Corporation. 115,110; renewed Jan. 23, 1937.

CLASS 46

Bacon and hams. Armour and Company. 115,054; renewed Jan. 23, 1937.
Butter, eggs, mayonnaise, etc. June Dairy Products Co. Inc. 342,028; Dec. 29; Serial No. 381,813; published Oct. 20, 1936.
Candy. Bunte Brothers. 115,296; renewed Feb. 6, 1937.
Candy. Bunte Brothers. 115,937; renewed Mar. 27, 1937.
Canned vegetables. Inderrieden Canning Co. 113,980; renewed Nov. 14, 1936.
Canned vegetables and canned fruits. Pacific Fruit & Produce Company. 342,066; Dec. 29.
Chili con carne, dried beans, and spice powders. Ole's Chili Products. 342,050; Dec. 29; Serial No. 379,760; published Oct. 20, 1936.
Coffee. S. S. Pierce Co. 115,222; renewed Jan. 30, 1937.
Flour, Wheat. Canadian Mill & Elevator Company. 114,143; renewed Dec. 5, 1936.
Flour, Wheat. Canadian Mill & Elevator Company. 114,698; renewed Jan. 2, 1937.
Flour, Wheat. S. Stewart. 114,395; renewed Dec. 12, 1936.
Foods and food ingredients. C. Rosner. 341,922; Dec. 29; Serial No. 379,906; published Oct. 20, 1936.
Hams. Jacob E. Decker & Sons. 115,165; renewed Jan. 30, 1937.
Meats, dried salt meats, and lard, Smoked. Wilson Provision Company. 114,852; renewed Jan. 2, 1937.
Mixture for use in the preparation of sherbets. Gosnell Manufacturing Company. 341,944; Dec. 29; Serial No. 369,188; published Oct. 20, 1936.
Nuts. F. H. Barker. 342,041; Dec. 29; Serial No. 377,661; published Sept. 15, 1936.
Salad-dressing, peanut-butter, mustard, etc. Squire Dingee Company. 115,408; renewed Feb. 6, 1937.
Tea. LaTouraine Coffee Co. 341,953; Dec. 29; Serial No. 382,409; published Oct. 20, 1936.
Wafers, Butter. Laurel Biscuit Co. 342,034; Dec. 29; Serial No. 375,017; published Oct. 20, 1936.

CLASS 48

Beer. North American Brewing Company. 113,900; renewed Nov. 7, 1936.
Beer and malt beverages. G. R. Martin. 341,866; Dec. 29; Serial No. 339,437; published Oct. 20, 1936.

CLASS 49

Alcohol, Ethyl. Allied Industrial Alcohol Corporation. 342,025; Dec. 29; Serial No. 381,699; published Oct. 20, 1936.
Whiskey. James Clark Distilling Corporation. 342,003; Dec. 29; Serial No. 382,943; published Oct. 20, 1936.
Whiskey and gin. Jas. Barclay & Co. Limited. 342,055; Dec. 29.
Whiskey, gin, rum, etc. Lyndale Distillery Co. 342,065; Dec. 29; Serial No. 383,135; published Oct. 20, 1936.
Whiskeys, brandies, gins, etc. J. S. Polefsky. 342,007; Dec. 29; Serial No. 383,223; published Oct. 20, 1936.

CLASS 50

Cloth suitable for upholstery, Pyroxylin coated. Asher & Boretz, Inc. 341,878; Dec. 29; Serial No. 380,434; published Oct. 6, 1936.
Leather substitute, Shoe. Goodyear's Metallic Rubber Shoe Co. 115,507; renewed Feb. 20, 1937.
Plates, Etched and engraved. Colorplate Engraving Company. 116,290; renewed Apr. 24, 1937.
Religious works of art. "Ars Liturgica" Spengler & Co. 342,036; Dec. 29; Serial No. 376,658; published Oct. 20, 1936.

LIST OF LABELS

Ada Milling Co. Corn Meal (Maroon and White Colored Pattern). For Corn Meal. Ada Milling Company. 48,642; Dec. 29.
Ada Milling Co. Corn Meal (Nursery Pattern with Blue Background). For Corn Meal. Ada Milling Company. 48,644; Dec. 29.
Ada Milling Co. Corn Meal (Pink, Maroon and White Checkered Pattern). For Corn Meal. Ada Milling Company. 48,641; Dec. 29.
Ada Milling Co. Corn Meal (Red, Black, Green and Yellow Pattern with White Background). For Corn Meal. Ada Milling Company. 48,643; Dec. 29.

Ada Milling Co. Flour (Blue Block Surrounded by Maroon and White Stripe). For Flour. Ada Milling Company. 48,645; Dec. 29.
Ada Milling Co. Flour (Pink, Blue, Green and Maroon Colored Dice with White Background). For Flour. Ada Milling Company. 48,649; Dec. 29.
Ada Milling Co. Flour (Red, White and Blue Figure with Red Background). For Flour. Ada Milling Company. 48,646; Dec. 29.
Ada Milling Co. Flour (Varied Colored Flowers with White Background). For Flour. Ada Milling Company. 48,647; Dec. 29.
Ada Milling Co. Flour (White, Red, Green, Dark Blue Dots, White Circles With Light Blue Background.) For Flour. Ada Milling Company. 48,648; Dec. 29.
Arrow. For Ale. Globe Brewing Company. 48,659; Dec. 29.
Beech-Nut Old Fashioned Fruited Oat Cookies. For Cookies. Beech-Nut Packing Company. 48,652; Dec. 29.
Beech-Nut Oven Baked Beans. For Baked Beans. Beech-Nut Packing Company. 48,653; Dec. 29.
Bendix Replacement Brake Shoes. For Replacement Brake Shoes. Bendix Products Corporation. 48,654; Dec. 29.
Bond Street. For Pipe Tobacco. Philip Morris & Co. Ltd. Incorporated. 48,670; Dec. 29.
Buck Brand. For Chili. Buck Company. 48,655; Dec. 29.
Buck's Booterie. For Shoes and Hosiery. A. C. Clayton Printing Co. 48,657; Dec. 29.
Cannon's Log Fire Slipper. For Slippers. Cannon Shoe Company. 48,656; Dec. 29.
Chocolate Flavored Sunshine Vitamin-D Drink. For Chocolate Flavored Drink. Robert A. Johnston Company. 48,663; Dec. 29.
Concord. For Ale. American Sales Co. 48,651; Dec. 29.
Co-Op Brand. For Carbon Paper. Raven Sales Co. 48,671; Dec. 29.
Del Maiz. For Canned Cream Style Corn. Minnesota Valley Canning Company. 48,668; Dec. 29.
Dr. Scholl's Medicated Kurotex Corn Pads. For Corn Pads. Scholl Mfg. Co. 48,673; Dec. 29.
Fair Lady Yarns. For Crochet and Knitting Cotton. L. Hoffman. 48,661; Dec. 29.
Featuring Peacock and Miss New Yorker Shoes. For Shoes. A. C. Clayton Printing Co. 48,658; Dec. 29.
Fleischmann's. For Yeast. Standard Brands Incorporated. 48,676; Dec. 29.
Four Bottles Food Colors. For Food Colors and Droppers for Using Said Food Colors. A. Schilling & Company. 48,672; Dec. 29.
Giant Yellow South American Pop Corn. For Pop Corn. American Popcorn Company. 48,650; Dec. 29.
Higbee Company, Cleveland. For Footwear. Stockton N. Sommer & Co. 48,675; Dec. 29.
Hitt's Devil Dog Flash Bomb. For Amusement Pyrotechnic Bombs. Hitt Flasheracka Company. 48,660; Dec. 29.
Lawrence Tiger Brand Paint. For Paint. W. W. Lawrence & Company. 48,664; Dec. 29.
March of Progress. For Toy Painting Outfits. Standard Toykraft Products, Inc. 48,677; Dec. 29.
Mead's Viosterol in Halibut Liver Oil. For Viosterol in Halibut Liver Oil. Mead Johnson & Company. 48,665-6; Dec. 29.
Monte-Rey Maid Tomato Sauce Grilled Sardines. For Canned Sardines. Hovden Food Products Corporation. 48,662; Dec. 29.
Name-It. For an Alkaline and Lithiated Beverage. Seminole Flavor Company. 48,674; Dec. 29.
Niblet-Ears. For Canned Corn on the Cob. Minnesota Valley Canning Company. 48,669; Dec. 29.
Niblets. For Canned Corn. Minnesota Valley Canning Company. 48,667; Dec. 29.
½ White ½ Wheat Sliced Bread. For Half White and Half Wheat Bread. Waxide Paper Company. 48,678; Dec. 29.
Raisin Bread. For Raisin Bread. Waxide Paper Company. 48,679; Dec. 29.

LIST OF PRINTS

Dallape Accordion With 'Finger-Tip Tone Control'. For Accordions. Chicago Musical Instrument Company. 15,984; Dec. 29.
Does Your Engine Need a Shot in the Arm? For Carburetors. Bendix Products Corporation. 15,983; Dec. 29.
Heath English Toffee. For English Toffee Bars. L. S. Heath & Sons. 15,988; Dec. 29.
How New Cake Flour Makes You a Better Cake Maker. . . . 8 Ways. For Cake Flour. General Mills, Inc. 15,987; Dec. 29.
How to Make Lamaze. For Rum. Continental Distilling Corporation. 15,985; Dec. 29.
Most Precious Years of All . . . For Wheat Breakfast Food. Cream of Wheat Corporation. 15,986; Dec. 29.
Nannette and Buddy. For Children's Dresses. Nannette Manufacturing Company. 15,989; Dec. 29.
Whitmore's. For Lubricants. Whitmore Manufacturing Company. 15,990; Dec. 29.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 29TH DAY OF DECEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Chemipulp Process, Incorporated. (See Dunbar, Thomas L., assignor.)
Dunbar, Thomas L., assignor to Chemipulp Process, Incorporated, Watertown, N. Y. Production of pulp. 20,217; Dec. 29.
Educational Laboratories, Inc. (See Taylor, James Y., assignor.)
Electron Corporation, The. (See Macksoud, Michel E., assignor.)
Evans Case Company. (See Reilly, Alfred F., assignor.)
General Electric Company. (See Van Billiard, Lewis H., assignor.)
Hallenbeck, Charles V., Denver, Colo. Trailer. 20,218; Dec. 29.
Horton, E. C. (See Hueber, H., and Horton.)
Hueber, Henry, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner operated from the motor vehicle lubricating system. 20,219; Dec. 29.
Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Cover for spare tires of automobiles. 20,220; Dec. 29.
Lyon Incorporated. (See Lyon, George A., assignor.)
Macksoud, Michel E., St. Albans, N. Y., assignor to The Electron Corporatiin, East Orange, N. J. Combined amplifying and rectifying system. 20,221; Dec. 29.
Reilly, Alfred, assignor to Evans Case Company, North Attleboro, Mass. Vanity case. 20,222; Dec. 29.
Taylor, James Y., Southbridge, Mass., assignor, by direct and mesne assignments, to Educational Laboratories, Inc., Brownwood, Tex. Educational device and method for the treatment of eyes. 20,223; Dec. 29.
Trico Products Corporation. (See Hueber, H., and Horton, assignors.)
Van Billiard, Lewis H., Bridgeport, Conn., assignor to General Electric Company. Assembly of electrical apparatus. 20,224; Dec. 29.
Winther, Anthony, Kenosha, Wis., assignor to M. P. Winther, trustee, Waukegan, Ill. Electromagnetic pole. 20,225; Dec. 29.
Winther, Martin P., trustee. (See Winther, Anthony, assignor.)

LIST OF PLANT PATENTEES

Bourne, Benjamin A., Clewiston, Fla. Sugarcane. 210; Dec. 29.

LIST OF DESIGN PATENTEES

Ainsworth, George, New York, N. Y. Translucent reflector for electric lighting fixtures. 102,582; Dec. 29.
Aitorfer, Henry W., Peoria, Ill. Ironing machine cabinet. 102,539; Dec. 29.
American Stove Company. (See Stockstrom, A., and Brodbeck, assignors.)
Bassick Company, The. (See Martin, Raymond H., assignor.)
Bear, William L., and G. R. Walker, Dayton, Ohio. Nonglare reflector. 102,540; Dec. 29.
Becvar, Joseph, Wickliffe, assignor to The Cleveland Cooperative Stove Company, Cleveland, Ohio. Combined back splash panel and lighting unit for cooking ranges. 102,541; Dec. 29.
Berman, Adolph, New York, N. Y. Illuminated display stand for bottles. 102,542; Dec. 29.
Birdseye Electric Corporation. (See Lamb, Thomas, assignor.)
Brodbeck, Abner H. (See Stockstrom, A., and Brodbeck.)
Budd, Edward G., Manufacturing Company. (See Ragsdale, Earl J. W., assignor.)
Butterfield, Thomas F., Watertown, Conn., assignor to Field Manufacturing Company, Inc., New York, N. Y. Whistle. 102,543; Dec. 29.
Butterworth, Arthur R., assignor to Solar Lighting Fixture Company, Los Angeles, Calif. Lighting fixture. 102,544; Dec. 29.
Chopak, Herman, New York, N. Y. Textile fabric. 102,545; Dec. 29.
Chopak, Herman, New York, N. Y. Textile fabric. 102,583; Dec. 29.
Chopak, Herman, New York, N. Y. Textile fabric. 102,584; Dec. 29.
Chopak, Herman, New York, N. Y. Textile fabric. 102,585; Dec. 29.
Christen, Marcel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 102,546; Dec. 29.
Cleveland Cooperative Stove Company, The. (See Becvar, Joseph, assignor.)
Cohn-Hall-Marx Co. (See Rieman, Paul, assignor.)
Coleman, Tora, New York, N. Y. Blouse. 102,547; Dec. 29.
Coleman, Tora, New York, N. Y. Dress. 102,548; Dec. 29.
Coleman, Tora, New York, N. Y. Dress. 102,549; Dec. 29.
Columbian Enameling & Stamping Co. (See Nelson, Andrew W., assignor.)
Desser, Michael S., and E. W. Fuerst, assignors to Owens-Illinois Glass Company, Toledo, Ohio. Fish jar. 102,550; Dec. 29.
Du Barry Fabrics Corp. (See Schwartz, Peter S., assignor.)
Eastman Kodak Company. (See Teague, Walter D., assignor.)
Edson, Bert, Pawtucket, R. I. Lace. 102,586; Dec. 29.
Edwards Iron Works, Incorporated. (See Wise, Ralph H., assignor.)
Field Manufacturing Company, The. (See Butterfield, Thomas F., assignor.)
Freysinger, John B., New Britain, Conn. Buckle. 102,551; Dec. 29.
Fuerst, Edwin W. (See Desser, M. S., and Fuerst.)
Geerlings, Gerald K. (See Kohler, W. J., and Geerlings.)
Geist, Irving, New York, N. Y. Blouse. 102,552; Dec. 29.
General Door Company. (See Greegor, Ralph H., assignor.)
General Electric Company. (See Gosling, Joseph W., assignor.)
General Time Instruments Corporation. (See Schlenker, M., and Reinhardt, assignors.)
Gosling, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Luminair. 102,553; Dec. 29.
Greegor, Ralph H., Columbus, Ohio, assignor to General Door Company, Reno, Nev. Truck body. 120,587; Dec. 29.
Hanson, Eugene I., New York, N. Y. Textile fabric. 102,588; Dec. 29.
Hassenfeld, Henry, Providence, R. I. School case or similar article. 102,554; Dec. 29.
Heiman, Arthur S., New York, N. Y. Textile fabric. 102,589; Dec. 29.
Heiman, Arthur S., New York, N. Y. Textile fabric. 102,590; Dec. 29.
Holland, Harry W., Elizabeth, N. J. Cover for shingle bundle. 102,555; Dec. 29.
Homestead Valve Manufacturing Company. (See Ofeldt, Frank W., assignor.)
Howard, Viola T., Saylesville, R. I., assignor to Swank Products, Inc., Attleboro, Mass. Framed emblem or similar article. 102,591; Dec. 29.
International Silver Company. (See Stark, Frederick W., assignor.)
Kelley-Koett Manufacturing Company, The. (See Werner, Wilbur S., assignor.)
Kelly, John S., Detroit, Mich. Deck of playing cards. 102,556; Dec. 29.

Klaff, Isaac, assignor to L. Klaff, Norfolk, Va. Mat. 102,592; Dec. 29.
Klaff, Louis. (See Klaff, Isaac, assignor.)
Knickerbocker Toy Co. (See Wanderman, Gertrude, assignor.)
Kohler, Walter J., Kohler, Wis., and G. K. Geerlings, New Canaan, Conn. Bathtub. 102,557; Dec. 29.
Kohler, Walter J., Kohler, Wis., and G. K. Geerlings, New Canaan, Conn. Bathtub. 102,558; Dec. 29.
Kohler, Walter J., Kohler, Wis., and G. K. Geerlings, New Canaan, Conn. Bathtub. 102,559; Dec. 29.
Kopp Glass, Incorporated. (See Kopp, Nicholas, assignor.)
Kopp, Nicholas, Pittsburgh, Pa., assignor to Kopp Glass, Incorporated, Swissvale, Pa. Lighting fixture bowl or similar article. 102,560; Dec. 29.
Kornfeld, Morton D. (See Roberson, Willard D., assignor.)
Kreamer, A., Incorporated. (See Stallings, G. W., and Walker, assignors.)
Lamb, Thomas, New York, N. Y., assignor, by mesne assignments, to Birdseye Electric Corporation, Dover, Del. Glow lamp. 102,561; Dec. 29.
Landis, Aaron, Elizabeth, N. J. Leather fabric or similar article. 102,562; Dec. 29.
Larsen, Alfred E., Chicago, Ill. Lighting fixture or similar article. 102,563; Dec. 29.
Larson, Frank E. A., Washington, D. C. Table utensil rest. 102,564; Dec. 29.
Levin, David, New York, N. Y., assignor to Selby Shoe Co., Portsmouth, Ohio. Shoe. 102,565; Dec. 29.
Levin, David, New York, N. Y., assignor to Selby Shoe Co., Portsmouth, Ohio. Shoe. 102,566; Dec. 29.
Levin, David, New York, N. Y., assignor to Selby Shoe Co., Portsmouth, Ohio. Shoe. 102,567; Dec. 29.
Martin, Raymond H., assignor to The Bassick Company, Bridgeport, Conn. Drawer pull. 102,568; Dec. 29.
Mas, George N., Lynchburg, Va. Bottle. 102,569; Dec. 29.
McNeel, William A., Hershey, Nebr. Pouring lid. 102,570; Dec. 29.
Meyers, Wallace E., New York, N. Y. Glove. 102,599; Dec. 29.
Montanye, Carlyle N., Glyndon, Md. Desk calendar. 102,571; Dec. 29.
Morgenstern, Charles E., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Domestic washing machine tub. 102,572; Dec. 29.
Morris, Joseph C., Chicago, Ill. Combination clock and calendar. 102,573; Dec. 29.
Morris, Milton, New York, N. Y. Textile fabric. 102,593; Dec. 29.
Nelson, Andrew W., assignor to Columbian Enameling & Stamping Co., Terre Haute, Ind. Kettle cover. 102,574; Dec. 29.
Nineteen Hundred Corporation. (See Morgenstern, Charles E., assignor.)
Ofeldt, Frank W., McKeesport, Pa., assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa. Spraying apparatus casing. 102,575; Dec. 29.
Ofeldt, Frank W., McKeesport, Pa., assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa. Spraying apparatus casing. 102,576; Dec. 29.
Owens-Illinois Glass Company. (See Desser, M. S., and Fuerst, assignors.)
Price, David W., New York, N. Y. Dress. 102,577; Dec. 29.
Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rear car of a rail vehicle. 102,600; Dec. 29.
Reiman, Paul, assignor to Cohn-Hall-Marx Co., New York, N. Y. Textile fabric or similar article. 102,594; Dec. 29.
Reinhardt, Joseph A. See Schlenker, M., and Reinhardt.)
Roberson, Willard D., assignor to M. D. Kornfeld, New York, N. Y. Textile fabric or similar article. 102,595; Dec. 29.
Sacheroff, Maurice, East Cleveland, Ohio. Deflector for infant's toilet seats. 102,578; Dec. 29.
Samuels, Theodore, St. Louis, Mo. Shoe. 102,579; Dec. 29.
Samuels, Theodore, St. Louis, Mo. Shoe. 102,580; Dec. 29.
Schlenker, Max, La Salle, and J. A. Reinhardt, Peru, Ill., assignors to General Time Instruments Corporation, New York, N. Y. Clock casing. 102,581; Dec. 29.
Schwartz, Peter S., assignor to Du Barry Fabrics Corp., New York, N. Y. Textile fabric or similar article. 102,516; Dec. 29.
Seibert, Luther B., Greensburg, and N. N. Williams, Pittsburgh, Pa. Grave marker. 102,517; Dec. 29.
Seibert, Luther B., Greensburg, and N. N. Williams, Pittsburgh, Pa. Grave marker. 102,518; Dec. 29.
Selby Shoe Co. (See Levin, David, assignor.)
Selby Shoe Co. (See Vamos, Alfred, assignor.)
Silverman, Jacob A., New York, N. Y. Coat. 102,519; Dec. 29.
Silverman, Jacob A., New York, N. Y. Coat. 102,520; Dec. 29.
Silverman, Jacob A., New York, N. Y. Coat. 102,521; Dec. 29.
Solar Lighting Fixture Company. (See Butterworth, Arthur R., assignor.)
Solar Lighting Fixture Company. (See Stultz, Joseph, assignor.)
Solomon, Jacob, New York, N. Y. Halter. 102,522; Dec. 29.
Solomon, Jacob, New York, N. Y. Halter. 102,523; Dec. 29.
Stallings, George W., Jackson, and G. W. Walker, Pleasant Ridge, Mich., assignors to A. Kreamer, Incorporated, New York, N. Y. Canister. 102,509; Dec. 29.
Stallings, George W., Jackson, and G. W. Walker, Pleasant Ridge, Mich., assignors to A. Kreamer, Incorporated, New York, N. Y. Combined cake server and tray therefor. 102,510; Dec. 29.
Stallings, George W., Jackson, and G. W. Walker, Pleasant Ridge, Mich., assignors to A. Kreamer, Incorporated, New York, N. Y. Bread cabinet. 102,511; Dec. 29.
Stallings, George W., Jackson, and G. W. Walker, Pleasant Ridge, Mich., assignors to A. Kreamer, Incorporated, New York, N. Y. Refuse receptacle. 102,512; Dec. 29.
Stark, Frederick W., Meriden, Conn., assignor to International Silver Company, Meriden, Conn. Teapot or the like. 102,524; Dec. 29.
Stockstrom, Arthur, and A. H. Brodbeck, assignors to American Stove Company, St. Louis, Mo. Range. 102,525; Dec. 29.
Stockstrom, Arthur, and A. H. Brodbeck, assignors to American Stove Company, St. Louis, Mo. Range. 102,596; Dec. 29.
Stultz, Joseph, assignor to Solar Lighting Fixture Company, Los Angeles, Calif. Lighting fixture. 102,526; Dec. 29.
Swank Products, Inc. (See Howard, Viola T., assignor.)
Teague, Walter D., New York, assignor to Eastman Kodak Company, Rochester, N. Y. Camera casing. 102,527; Dec. 29.
Terrell, Edgar A., Charlotte, N. C. Box. 102,528; Dec. 29.
Tod, Norma A., Los Angeles, Calif. Kitchen cabinet. 102,529; Dec. 29.
Vamos, Alfred, New York, N. Y., assignor to Selby Shoe Co., Portsmouth, Ohio. Shoe. 102,530; Dec. 29.
Van Bloem, Paul S., Great Neck, N. Y. Clock. 102,513; Dec. 29.
Van Bloem, Paul S., Great Neck, N. Y. Clock. 102,514; Dec. 29.
Van Bloem, Paul S., Great Neck, N. Y. Clock. 102,515; Dec. 29.
Van der Hoeven, Gerard L., Taylorsville, Calif. Game board. 102,531; Dec. 29.
Vollman, Felix R., Rockaway Park, N. Y. Charm or similar article of jewelry. 102,597; Dec. 29.
Vuillemenot, Frederic A., Toledo, Ohio. Atomizer case. 102,532; Dec. 29.
Walker, George R. (See Bear, W. L., and Walker.)
Walker, George W. (See Stallings, G. W., and Walker.)
Wanderman, Gertrude, assignor to Knickerbocker Toy Co., New York, N. Y. Doll. 102,533; Dec. 29.
Wanderman, Gertrude, assignor to Knickerbocker Toy Co., New York, N. Y. Toy doll. 102,534; Dec. 29.
Wanderman, Gertrude, assignor to Knickerbocker Toy Co., New York, N. Y. Toy doll. 102,535; Dec. 29.
Welsman, Harry, New York, N. Y. Nightgown. 102,536; Dec. 29.
Werner, Wilbur S., South Fort Mitchell, Ky., assignor to The Kelley-Koett Manufacturing Company, Incorporated, Covington, Ky. -ray unit. 102,537; Dec. 29.
Wilcox, Merton. (See Wilcox, Roland and M.)
Wilcox, Roland E., Chicago, and M. Wilcox, Palatine, Ill. Oil burner or similar article. 102,538; Dec. 29.
Williams, Noble N. (See Seibert, L. B., and Williams.)
Wise, Ralph H., assignor to Edwards Iron Works, Incorporated, South Bend, Ind. House trailer. 102,598; Dec. 29.
Yale Fabrics Corp. (See Christen, Marcel, assignor.)

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 29TH DAY OF DECEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abbott, Charles W., Larchmont, N. Y., assignor to The Bryant Electric Company, Bridgeport, Conn. Conduit construction. 2,066,242; Dec. 29.
Abrahams, Alexander I., New York, N. Y. Wave translating device. 2,066,133; Dec. 29.
Ach, Lorenz, and C. von Hofe, assignors to C. F. Boehringer & Soehne G. m. b. H., Mannheim, Waldhof, Germany. Derivatives of amino-quinolines and. making same. 2,065,879; Dec. 29.
Ackerman, Frank. (See Gould, H., and Ackerman.)
Acme Rayon Corporation. (See Huttinger, Charles A., assignor.)
Adams, Henry L. (See Hedges, Ross E., assignor.)
Adams, Porter H., Thetford, Vt. Wind tunnel balance. 2,065,496; Dec. 29.
Addressograph-Multigraph Corporation. (See Morse, Lawrence H., assignor.)
Addressograph-Multigraph Corporation. (See Sand, Charles H., Jr., assignor.)
Agfa Ansco Corporation. (See Dieterle, Walter, assignor.)
Aktiebolaget Gotaverken. (See Johanssen, Johan R., assignor.)
Aktiebolaget Stille-Werner. (See Nordin, Josef A., assignor.)
Aktiebolaget Termisk Isolation. (See Munters, Carl G., assignor.)
Aktiengesellschaft der Eisen und Stahlwerke vormals Georg Fischer. (See Mijnssen, Jacob W., assignor.)
Alexander, Earl C., Glen Ellyn, assignor to Massey Concrete Products Corporation, Chicago, Ill. Concrete pile. 2,065,507; Dec. 29.
Alling, E. Roy, Kenmore, N. Y. Chain. 2,065,931; Dec. 29.
Allsworth, Terrence W., assignor to The American Rolling Mill Company, Middletown, Ohio. End matching device for rolling mill packs. 2,065,880; Dec. 29.
Alvarado, Alfonso M., and H. J. Barrett, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated fabric. 2,065,881; Dec. 29.
American Car and Foundry Company. (See Shields, Robert A., assignor.)
American Cyanamid & Chemical Corporation. (See Davis, Clarke F., assignor.)
American Cyanamid & Chemical Corporation. (See Lurie, David, assignor.)
American Enka Corporation. (See Moog, Karl, assignor.)
American Machine & Foundry Company. (See Podmore, Arthur, assignor.)
American Magnesium Metals Corporation. (See Kemmer, Frank R., assignor.)
American Metal Company, The. (See Eppensteiner, William F., assignor.)
American Radiator Company. (See Cornell, Edward S., Jr., assignor.)
American Rolling Mill Company, The. (See Allsworth, Terrence W., assignor.)
American Security Company, The. (See Long, Bernard, assignor.)
American Smelting and Refining Company. (See Hanson, C. W., and Crites, assignors.)
American Telephone and Telegraph Company. (See Borgeson, Carl A., assignor.)
American Telephone and Telegraph Company. (See Bradford, Raymond C., assignor.)
American Telephone and Telegraph Company. (See Swart, Leland K., assignor.)
American Tool Works Company, The. (See Robinson, Albert E., assignor.)
Andersen, Carl N., Wellesley Hills, Mass., assignor to Lever Brothers Company. Germicidal preparations. 2,065,849; Dec. 29.
Anderson, Raymond T., Berea, assignor to The V. D. Anderson Company, Cleveland, Ohio. Expelling oil from various substances. 2,065,848; Dec. 29.
Anderson, V. D., Company, The. (See Anderson, Raymond T., assignor.)
Anschicks, Rudolph J., assignor to Protectoseal Company of America, Chicago, Ill. Container for liquids. 2,065,785; Dec. 29.
Apotheker, Carl. (See Bonhôte, G., and Apotheker.)
Archer-Daniels-Midland Company. (See Finley, John T., assignor.)
Arkell, Bartlett. (See Jarrier, René, assignor.)
Arnold, Craig R., Dahlonega, Ga., and F. N. Moerk, Philadelphia, Pa. Treament of pyritic materials. 2,065,547; Dec. 29.
Arthur, James L., Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Starting and ignition system. 2,065,882; Dec. 29.
Ashe, William O., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Locomotive cylinder structure. 2,065,548; Dec. 29.
Avery, Alfred H., Malden, Mass., assignor, by mesne assignments, of one-half to North American Holding Corporation and one-half to Parshad Holding Corporation, Syracuse, N. Y. Marking machine. 2,065,497; Dec. 29.
Avite Products, Inc. (See Trafton, Ernest E., assignor.)
Ayers, Fred L., Watertown, Mass. Shoe and making the same. 2,065,786; Dec. 29.
Baash, Lawrence F., et al. (See Black, Millard S., assignor.)
Babcock & Wilcox Company, The. (See Black, J. E., and Smith, assignors.)
Babcock & Wilcox Company, The. (See Collins, Harry R., assignor.)
Bacheller, Charles A., Newark, N. J. Comb loom. 2,065,498; Dec. 29.
Bagpak, Inc. (See Cundall, Robert N. and L. A.)
Bailey, Edwin M., et al. (See Chandler, Daniel L., assignor.)
Bakelaar, John H. (See Carroll, F. M., and Bakelaar.)
Bakelite Corporation. (See Rossi, L. M., and Peakes, assignors.)
Balensiefer, Frank, Fowler, Ind. Spray deflector. 2,065,549; Dec. 29.
Balfour, L. G., Company. (See Kiff, Earl, assignor.)
Ball, Harry V., Concord, Mass., and F. Lamatsch, Grantwood, N. J., assignors, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Plate clamp for printing machines. 2,066,192; Dec. 29.
Ballantine, Stuart, Mountain Lakes, N. J., assignor to Radio Corporation of America. Variable mu amplifier circuit. 2,066,284; Dec. 29.
Ballin, Fred A., Jr., Los Angeles, Calif. Garment hanger. 2,065,499; Dec. 29.
Bamford, Harry S. (See Farnsworth, P. T., and Bamford.)
Barbay, Joseph P., St. Louis, Mo. Window. 2,066,134; Dec. 29.
Barbeau, Alexis C., assignor to S. Howes Co. Inc., Silver Creek, N. Y. Grain scouring and cleaning apparatus. 2,065,500; Dec. 29.
Barium Reduction Corporation. (See Pierce, James B., Jr., assignor.)
Barler, Richard C., and C. Burkhard, Goshen, Ind., assignors to Continental Scale Works, Chicago, Ill. Weighing scale. 2,066,243; Dec. 29.
Barnes, Gladeon M., Hastings, Mich. Track for track-laying vehicles. 2,065,508; Dec. 29.
Barney, Jerome, assignor to R. K. Laros Silk Company, Bethlehem, Pa. Thread-cleaning attachment for winding mechanism. 2,065,991; Dec. 29.
Barol, Alfred, assignor to John Wyeth & Brother, Incorporated, Philadelphia, Pa. Combined eyecup and bottle closure. 2,065,501; Dec. 29.
Barr, John L., Chevy Chase, Md. Parking device. 2,065,958; Dec. 29.
Barrera, Frank, San Antonio, Tex. Bridle bit. 2,066,087; Dec. 29.
Barret, William M., and R. H. Mayer, assignors to Engineering Research Corporation, Shreveport, La. Electrical apparatus for locating bodies having anomalous electrical admittances. 2,066,135; Dec. 29.
Barrett, Charles D., Altoona, Pa. Friction unit for railway car trucks. 2,065,992; Dec. 29.
Barrett, Harold J. (See Alvarado, A. M., and Barrett.)
Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America. Power supply circuit. 2,066,170; Dec. 29.
Bassett, Preston R., Rockville Centre, and B. G. Carlson, Queens Village, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Inertia attitude indicator for aircraft. 2,066,193; Dec. 29.
Bassick Company, The. (See Herold, Walter F., assignor.)
Bates, Mortimer F., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic spiraling device for aircraft. 2,066,194; Dec. 29.
Bates, Robert, Athens, Tenn. Game apparatus. 2,066,244; Dec. 29.
Bauman, Harry G., Chicago, Ill. Tube evacuator and severing device. 2,066,245; Dec. 29.
Bauml, Jacques M., assignor, to Armand Zouckermann, Paris, France. Advertising apparatus. 2,065,959; Dec. 29.
Bäuml, Johannes. (See Bäuml, Maximilian, assignor.)
Bäuml, Maximilian, assignor of one-half to Johannes Bäuml, Vienna, Austria. Measuring appliance. 2,065,960; Dec. 29.

Bausch, Carl L., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic lens and making same. 2,065,502; Dec. 29.

Bausch & Lomb Optical Company. (See Bausch, Carl L., assignor.)

Bausch & Lomb Optical Company. (See Ellestad, Gerhard A., assignor.)

Bausch & Lomb Optical Company. (See Trautmann, Otto E., assignor.)

Baxter, William C., Newtown, Conn. Food product and making same. 2,065,550; Dec. 29.

Beard, Leslie C., Jr., Brooklyn, assignor to Socony-Vacuum Oil Company Incorporated. Preparing lubricants. 2,065,551; Dec. 29.

Beaumont, William M., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Intercommunicating telephone system. 2,065,883; Dec. 29.

Beck, Charles J., Philadelphia, Pa. Roll sheet cutting machine. 2,065,503; Dec. 29.

Beck, Norman R., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Producing partitioned glass containers. 2,065,504; Dec. 29.

Beckwith-Chandler Company. (See Trussell, Emory H., assignor.)

Beers, Royce L., assignor to Detroit Stoker Company, Detroit, Mich. Stoker construction. 2,065,552; Dec. 29.

Beers, Royce L., assignor to Detroit Stoker Company, Detroit, Mich. Stoker construction. 2,065,553; Dec. 29.

Beers, Royce L., assignor to Detroit Stoker Company, Detroit, Mich. Cinder separator. 2,065,554; Dec. 29.

Beers, Royce L., assignor to Detroit Stoker Company, Detroit, Mich. Stoker construction. 2,065,555; Dec. 29.

Beers, Royce L., assignor to Detroit Stoker Company, Detroit, Mich. Furnace. 2,065,556; Dec. 29.

Bell, Allan H., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Lamp bracket. 2,066,171; Dec. 29.

Bell Telephone Laboratories, Incorporated. (See Beaumont, William M., assignor.)

Bell Telephone Laboratories, Incorporated. (See Hovland, Henry, assignor.)

Bell Telephone Laboratories, Incorporated. (See Kenner, A., and Smith, assignor.)

Bell Telephone Laboratories, Incorporated. (See Neely, Thomas H., assignor.)

Bell Telephone Laboratories, Incorporated. (See Perreault, George E., assignor.)

Bell, William C., Baltimore, and W. N. Fischer, Baltimore County, Md. Piston and connecting rod construction. 2,065,509; Dec. 29.

Beltz, John S., and L. E. Mitchell, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company. Mining machine. 2,066,195; Dec. 29.

Bendix Aviation Corporation. (See Sanford, R. S., and Wadsworth, assignors.)

Benjamin, Edward O., North Caldwell, N. J. Oil burner. 2,066,026; Dec. 29.

Bennett, George L., Terre Haute, Ind. Wall structure and making the same. 2,065,510; Dec. 29.

Bennett, Ralph S., Pittsfield, Mass., assignor to General Electric Company. Fuse cut out. 2,066,172; Dec. 29.

Bentley, Marguerite E., Longfield, England. Bath. 2,066,088; Dec. 29.

Berndt, Walter, and A. Gothe, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Symmetrical antenna for short or ultra-short electrical waves. 2,065,787; Dec. 29.

Berry, Eugene G., Indianapolis, Ind., assignor to B. F. Gump Company, Chicago, Ill. Machine for removing foreign matter from coffee beans. 2,065,557; Dec. 29.

Berryman, Warren C., Lakewood, Ohio. Corrosion preventing means for connections. 2,065,558; Dec. 29.

Beyhl, Edward H. (See Traylor, S. W., Jr., and Beyhl.)

Bidwell, Paul W., assignor to White & Wyckoff Mfg. Company, Holyoke, Mass. Book binding. 2,065,505; Dec. 29.

Biedermann, William F., Providence, R. I., assignor to Federal Chain Company. Chain machine. 2,065,788; Dec. 29.

Biegler, Karl, Brooklyn, N. Y. Apparatus for identifying short-wave foreign radio transmitting stations. 2,066,089; Dec. 29.

Billing, Noel P., London, England. Apparatus for the treatment of light sensitive surfaces. 2,065,506; Dec. 29.

Billing, Noel P., London, England. Camera lens and camera. 2,065,993; Dec. 29.

Bird, John C. (See Lewis, J. B., and Bird.)

Bixler, Paul S., Westminster, Md. Match box. 2,065,961; Dec. 29.

Black, George E. (See Young, J. H., and Black.)

Black, George E., Sewickley, assignor to H. H. Robertson Company, Pittsburgh, Pa. Apparatus for producing cellular metal building units. 2,065,511; Dec. 29.

Black, Gertrude M., executrix. (See Black, John E.)

Black, John E., deceased, by Gertrude M. Black, executrix, Red Bank, and C. S. Smith, Westfield, assignors to The Babcock & Wilcox Company, Newark, N. J. Heat exchange apparatus. 2,065,850; Dec. 29.

Black, Joseph J., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Inflatable repair bag. 2,065,919; Dec. 29.

Black, Millard S., assignor of one-third to L. F. Baash, and one-third to E. Burns, Los Angeles, and one-third to H. P. Wickersham, Huntington Park, Calif. Safety joint. 2,065,932; Dec. 29.

Blaettner, Karl, Radebeul, Germany. Sheet separating mechanism. 2,066,196; Dec. 29.

Blake, George R. (See Dreyfus, C., and Blake.)

Blanchard, Frederick C., Brookline, assignor to Rivett Lathe and Grinder, Inc., Brighton, Boston, Mass. Universal automatic slide rest. 2,065,933; Dec. 29.

Blaw-Knox Company. (See McCrery, Harold E., assignor.)

Blodgett, Albert G., assignor to Riley Stoker Corporation, Worcester, Mass. Steam boiler with economizers. 2,065,559; Dec. 29.

Blum, Gustav K., York, assignor to The McKay Company, Pittsburgh, Pa. Buckle device. 2,065,638; Dec. 29.

Bockmühl, Max. (See Hagedorn, M., Bockmühl, and Gorr.)

Boehringer, C. F., & Soehne, G. m. b. H. (See Ach, L., and von Hofe, assignors.)

Bolsinger, Raymon C., Collingswood, N. J., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Water circulating means. 2,065,789; Dec. 29.

Bolton, William T., Chicago, Ill. Selective tuner for radio receivers. 2,066,246; Dec. 29.

Bonhôte, Gérald, Basel, and C. Apotheker, Riehen, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Azo-dyestuffs. 2,065,639; Dec. 29.

Borg-Warner Corporation. (See Swennes, Benjamin A., assignor.)

Borgeson, Carl A., East Orange, N. J., assignor to American Telephone and Telegraph Company. Carrier telegraph receiver. 2,065,640; Dec. 29.

Bork, George H., Holyoke, assignor to Harvey-Whipple, Inc., Springfield, Mass. Heater. 2,065,994; Dec. 29.

Borst, William B., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of resins. 2,066,090; Dec. 29.

Bouchard, Frank M., St. Elmo, Ala. Tooth brush and tooth paste holder. 2,065,641; Dec. 29.

Boulton, Harold S., Chicago, Ill. Floor machine 2,065,360; Dec. 29.

Bowers, Herbert L., Long Island City, N. Y., assignor to The Permutit Company (1934), Wilmington, Del. Brine recovery apparatus for water softeners. 2,065,962; Dec. 29.

Boyle, William E., and G. M. Van Lear, Madison, N. J., assignors to Spaulding Fibre Co. Inc., Tonawanda, N. Y. Method of and equipment for producing abrasion resisting covering for conductors. 2,065,561; Dec. 29.

Braaten, Arthur M., Riverhead, N. Y., assignor to Radio Corporation of America. Constant frequency generator. 2,066,027; Dec. 29.

Braden, Rene A., Merchantville, N. J., assignor to Radio Corporation of America. Tuned radio frequency amplifier. 2,065,884; Dec. 29.

Bradford, Raymond C., Hamden, Conn., assignor to American Telephone and Telegraph Company. Combined telephone and first dispatch system. 2,065,642; Dec. 29.

Brandt, David G., Westfield, N. J., assignor to Doherty Research Company, New York, N. Y. Method and apparatus for treating clays. 2,065,643; Dec. 29.

Braunwalder, John, Los Angeles, Calif. Internal combustion engine. 2,065,790; Dec. 29.

Bregman, Harry, assignor to The Steel Stamping Company, Lorain, Ohio. Toy telephone. 2,066,064; Dec. 29.

Bregman, Harry, assignor to The Steel Stamping Company, Lorain, Ohio. Toy telephone. 2,066,065; Dec. 29.

Breitbach, Fritz, assignor to Carl Still Aktiengesellschaft mit beschränkter Haftung, Recklinghausen, Germany. Operation of retorts and chamber ovens. 2,065,963; Dec. 29.

Briggs, Howland F., Buffalo, and R. N. Cundall, Lackawanna, assignors to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Sewing machine. 2,065,885; Dec. 29.

Briggs Manufacturing Company. (See Tjaarda, John, assignor.)

Bristol, Cyrus J., assignor to Globe Machinery & Supply Company, Des Moines, Iowa. Wheel holder. 2,065,644; Dec. 29.

Bristow, Harry L., assignor of one-fifth to C. G. Griffith, and one-fifth to H. J. Van Duyne, Newark, N. J. Locking device for brake pedals. 2,066,091; Dec. 29.

Britsch, Otto C., Woodhaven, assignor to H. Hyman, Brooklyn, N. Y. Combined flashlight and lighter. 2,066,028; Dec. 29.

Brooks, Arthur M., and H. R. Rafton, Andover, Mass., assignors to Raffold Process Corporation. Pigment manufacture. 2,066,066; Dec. 29.

Brooks, Walter C., Groveland, and J. W. Staples, assignors to Pope Machinery Corporation, Haverhill, Mass. Heel concaving machine. 2,065,645; Dec. 29.

Broslus, Edgar E., Pittsburgh, Pa. Mud gun. 2,065,647; Dec. 29.

Brown, Carl E., Columbus, Ohio. Chin operated alarm device. 2,066,092; Dec. 29.

Brown, Charles S., Syracuse, N. Y. Fence post construction. 2,065,562; Dec. 29.

Brown, Frederick, assignor to The Talking Weighing Machine Company, Incorporated, Louisville, Ky. Weighing machine. 2,065,964; Dec. 29.

Brown, Herbert O., Fairfield, Maine. Display device. 2,065,965; Dec. 29.

Brown Instrument Company, The. (See Harrison, Thomas R., assignor.)

Brown, John R., Cleveland Heights, assignor to The Reliance Gauge Column Company, Cleveland, Ohio. High pressure liquid level gauge. 2,065,646; Dec. 29.

Brown and Sharpe Manufacturing Company. (See Moo, Gothard T., assignor.)

Brownback, Henry L., Norristown, Pa. Making bearings. 2,066,247; Dec. 29.

Bruce, E. L., Company. (See Lyons, Frank H., assignor.)

Brüning, Paul, Berlin, Germany. Elastic holder for cutting-off tools and the like. 2,065,966; Dec. 29.

Bryant Electric Company, The. (See Abbott, Charles W., assignor.)

Bryant, Murden T. (See Lerch, W. G., and Bryant.)

Buc, Hyym E., Roselle, N. J., assignor to Standard Oil Development Company. Oil soluble sulphonates of active bases and preparing the same. 2,066,197; Dec. 29.

Buc, Hyym E., Roselle, N. J., assignor to Standard Oil Development Company. Preparing grignard compounds. 2,066,198; Dec. 29.

Budd Wheel Company. (See Ekserglan, Carolus L., assignor.)

Buhler, Henry W., Gloucester, Mass. Fly swatter. 2,066,248; Dec. 29.

Burke, Earl L., Warren, assignor to Republic Steel Corporation, Youngstown, Ohio. Packaging coils. 2,065,649; Dec. 29.

Burke, Earl L., Warren, assignor to Republic Steel Corporation, Youngstown, Ohio. Shipping unit. 2,065,650; Dec. 29.

Burkhard, Carl. (See Barler, R. C., and Burkhard.)

Burns, Erwin, et al. (See Black, Millard S., assignor.)

Burston, Richard, Toronto, Ontario, Canada. Installing valve seats. 2,066,136; Dec. 29.

Burton, Euclid, O., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Noise suppression device for automobile radio receivers. 2,065,651; Dec. 29.

Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake gear guard. 2,065,791; Dec. 29.

Buttari, Raul L., Los Pinos, Cuba, assignor to Standard Oil Development Company. Automatic viscosity device. 2,066,249; Dec. 29.

Buysch, Heinrich. (See Krantz, H., and Buysch, assignors.)

Calaluca, Leonardo. (See Spine, C. R., and Calaluca.)

Calcott, William S., Woodstown, and R. C. McHarness, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricant. 2,066,173; Dec. 29.

Caldararo, Alfredo G. (See Echave, I. F., and Caldararo.)

Cannon, George E., Houston, Tex., assignor to Standard Oil Development Company. Plugging water sands by a hydratable material. 2,065,512; Dec. 29.

Carey-McFall Co. (See Reukauf, E., Jr., and Stuber, assignors.)

Carlson, Bert G. (See Bassett, P. R., and Carlson.)

Carlson, Wendell L., Haddonfield, N. J., assignor to Radio Corporation of America. Radio receiver. 2,065,652; Dec. 29.

Carpenter, Laura E., et al. (See Houtsinger, Henry J., assignor.)

Carrier Corporation. (See Murphy, E. T., and Meling, assignors.)

Carr-Lowrey Glass Co. (See Beck, Norman R., assignor.)

Carroll, Fred M., Binghamton, N. Y., and J. H. Bakelaar, Paterson, N. J., assignors to International Business Machines Corporation, New York, N. Y. Recording and record feeding device. 2,066,029; Dec. 29.

Carroll, Fred M., Yonkers, N. Y., and J. M. Bakelaar, Paterson, N. J., assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Record feeding device. 2,066,305; Dec. 29.

Carruthers, Henry M., Miami, Fla. Solar water heater. 2,065,653; Dec. 29.

Carsley, Elizabeth M. (See Scott, Walter M., assignor.)

Carter, Bernard M., Montclair and H. F. Merriam, West Orange, N. J., assignors to General Chemical Company. Roasting ore. 2,065,563; Dec. 29.

Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Gathering and loading machine. 2,066,137; Dec. 29.

Cauwenberg, Winfred J. (See Ryan, L. W., and Cauwenberg.)

Cauwenberg, Winfred J., Elizabeth, assignor to United Color & Pigment Company, Newark, N. J. Extracting titanium compounds from titanium-containing ore. 2,066,093; Dec. 29.

Celanese Corporation. (See Taylor, William I., assignor.)

Celanese Corporation of America. (See Dickie, W. A., and Sowter, assignors.)

Celanese Corporation of America. (See Dreyfus, C., and Blake, assignors.)

Celanese Corporation of America. (See Dreyfus, C., and Whitehead, assignors.)

Celanese Corporation of America. (See Stanley, Edmund, assignor.)

Centervall, Hugo A., Brooklyn, assignor to Manly Corporation, New York, N. Y. Steering device for motor vehicles. 2,065,513; Dec. 29.

Champion Corporation. (See Knoerzer, Otto, assignor.)

Chandler, Daniel L., Somerville, assignor of thirteen per cent to E. M. Bailey, Swampscott, twenty-two per cent to G. W. Ewing, Peabody, twenty-two per cent to E. B. Fraser, ten per cent to E. B. Fraser, Lynn, as trustee, twenty-five per cent to F. H. Rowe, Gloucester, and eight per cent to W. H. Davis, Lynn, Mass. Window elevating mechanism. 2,066,285; Dec. 29.

Chandler, Daniel L., Somerville, assignor of thirteen per cent to E. M. Bailey, Swampscott, twenty-two per cent to G. W. Ewing, Peabody, twenty-two per cent to E. B. Fraser, ten per cent to E. B. Fraser, Lynn, as trustee, twenty-five per cent to F. H. Rowe, Gloucester, and eight per cent to W. H. Davis, Lynn, Mass. Automobile window sliding lock. 2,066,286; Dec. 28.

Chandler, Daniel L., Somerville, assignor of thirteen per cent to E. M. Bailey, Swampscott, twenty-two per cent to G. W. Ewing, Peabody, twenty-two per cent to E. B. Fraser, Lynn, ten per cent to E. B. Fraser, Lynn, trustee; twenty-five per cent to F. H. Rowe, Gloucester, and eight per cent to W. H. Davis, Lynn, Mass. Automobile sash lock. 2,066,287; Dec. 29.

Chapman, Verni J. (See Stephens, R. M., and Chapman.)

Charch, William H., Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproof gelatine. 2,065,792; Dec. 29.

Chavrier, Antoine P. (See Faure, J., and Chavrier.)

Chicago Pneumatic Tool Company. (See Reed, Clarence E., assignor.)

Chicago Railway Equipment Company. (See Busse, Edwin G., assignor.)

Christian, Claude and L. M., Atlanta, Ga. Motor. 2,065,514; Dec. 29.

Christian, Lorin M. (See Christian, Claude and L. M.)

Chubb, Alexander Albert, Coventry, assignor to The General Electric Company Limited, London, England. Electrically operated lift. 2,065,793; Dec. 29.

Claisse, Arnold J., London, England, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor blade and the like and the production thereof. 2,065,654; Dec. 29.

Clark, Allan J., and W. H. Todd, Lead, S. Dak. Amalgamator for the recovery of gold. 2,065,967; Dec. 29.

Clark, Charles C. (See Eckey, E. W., and Clark.)

Clark Controller Company, The. (See Mellon, James J., assignor.)

Clark, Eldon S., assignor to Timken-Michigan Company, Detroit, Mich. Valve. 2,066,250; Dec. 29.

Clark, Frank G., Minneapolis, assignor to Crane Company of Minnesota, St. Paul, Minn. Combination churn and butter worker. 2,066,067; Dec. 29.

Clark, Mills G., Cleveland Heights, assignor to Insulated Steel Construction Company, Cleveland, Ohio. Building wall structure. 2,065,920; Dec. 29.

Clark, Otto B., assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,066,030; Dec. 29.

Clark, Samuel C. (See Pryale, H. M., Clark, and Cotterman.)

Clausing, George, assignor to Vulcan Corporation, Portsmouth, Ohio. Shoe last. 2,065,655; Dec. 29.

Clausing, George, assignor to Vulcan Corporation, Portsmouth, Ohio. Shoe last. 2,065,656; Dec. 29.

Clemens, Warren, Pavilion, N. Y. Drier. 2,066,251; Dec. 29.

Cleveland Tractor Company, The. (See Mitchell, Ralph A., assignor.)

Clift, Spencer B., Pasadena, Calif. Kitchen utensil. 2,065,886; Dec. 29.

Coal Products Co. of Delaware. (See Vandegrift, J. N., and Postel, assignors.)

Cohen, Louis Jr., Pittsburgh, Pa. Mattress cover. 2,066,252; Dec. 29.

Coleman, Edmund A., New York, N. Y. Watch adapter. 2,065,657; Dec. 29.

Colgate, Samuel B., Orange, N. J. Television in color. 2,065,887; Dec. 29.

Collins & Aikman Corporation. (See Costello, Joseph P., assignor.)

Collins & Aikman Corporation. (See Drobile, A. W., and Hiers, assignors.)

Collins & Aikman Corporation. (See Hiers, Glen S., assignor.)

Collins, Harry R., Allentown, Pa., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Pulverizer. 2,066,139; Dec. 29.

Collins, Milford E., Collingswood, N. J., assignor to Radio Corporation of America. Sound recorder. 2,066,140; Dec. 29.

Collis Company, The. (See Hatcher, Glenn, assignor.)

Colvin, Henry F., South Orange, N. J. Applicator. 2,065,795; Dec. 29.

Colwell, Archie T., assignor to Thompson Products Incorporated, Cleveland, Ohio. Valve spring retainer lock. 2,065,794; Dec. 29.

Compton, Charles A., Menlo Park, Calif. Oil filter. 2,065,658; Dec. 29.

Consolidated Metal Products Co. (See Laughlin, Elmyr A., assignor.)

Consolidated Packaging Machinery Corporation. (See Briggs, H. F., and Cundall, assignors.)

Continental Motors Corporation. (See Meyer, Andre J., assignor.)

Continental Motors Corporation. (See Timian, H. H., and Jacoby, assignors.)

Continental Scale Works. (See Barler, R. C., and Burkhard, assignors.)
Cooke, Geoffrey H. (See Thomson, A. A. R., and Cooke.)
Cooke, Hereward L., Princeton, N. J. Brush. 2,066,068; Dec. 29.
Cooper-Bessemer Corporation. (See Gehres, Hewitt A., assignor.)
Cooper, Reginald R. (See McKellar, Elmore, assignor.)
Copland, Charles J., North Kansas City, Mo., assignor to International Patents Development Company, Wilmington, Del. Filtration of starch converted sugar solutions. 2,066,141; Dec. 29.
Copper Houses, Inc. (See Dempsey, Michael J., assignor.)
Cornell, Edward S. Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Radiator. 2,065,515; Dec. 29.
Corning Glass Works. (See Dalton, R. H., and Hood, assignors.)
Costello, Joseph P., assignor to Collins & Aikman Corporation, Philadelphia, Pa. Control mechanism for loom stop motions. 2,065,851; Dec. 29.
Cota, Fernando B. (See Hodges, G. F., and Cota.)
Cotterman, Don R. (See Pryale, H. M., Clark, and Cotterman.)
Cowan, Park W., Los Angeles, Calif. Adjusting means for printing press rollers. 2,066,031; Dec. 29.
Cramer, Frank H., Chicago, Ill. Jack and pile adjusting means. 2,065,564; Dec. 29.
Crane Company of Minnesota. (See Clark, Frank G., assignor.)
Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Protective apparatus for alternating current power systems. 2,066,143; Dec. 29.
Crawford, Roland A., Tenaha, assignor of fifteen per cent to J. P. Lloyd, Center, Tex. Catline clamp. 2,066,094; Dec. 29.
Cregier, John E., Chappaqua, assignor to Junior Manufacturing Corporation, Mount Kisco, N. Y. Power attachment for lawn mowers. 2,066,174; Dec. 29.
Crites, Robert A. (See Hanson, C. W., and Crites.)
Crompton & Knowles Loom Works. (See Payne, Oscar V., assignor.)
Crompton & Knowles Loom Works. (See Robertson, William W., assignor.)
Crompton & Knowles Loom Works. (See Turner, Richard G., assignor.)
Crompton & Knowles Loom Works. (See Wakefield, Walter H., assignor.)
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Automatic frequency control system. 2,065,565; Dec. 29.
Crow, John C., Oil City, Pa. Ice creeper. 2,066,095; Dec. 29.
Crown Lock Company, The. (See Gahagan, Andrew, assignor.)
Cullen, Arthur V., Jamaica Plain, Mass. Fastening method and means. 2,065,659; Dec. 29.
Cundall, Lincoln A. (See Cundayy, Robert N. and L. A.)
Cundall, Robert N. (See Briggs, H. F., and Cundall.)
Cundall, Robert N., Lackawanna, and L. A. Cundall, Buffalo, N. Y., assignors to Bagpak, Inc. Bag closing machine. 2,066,032; Dec. 29.
Currie, James D., Collingwood, Ontario, Canada. Floor mop. 2,066,096; Dec. 29.
Curtis, Thomas S., Huntington Park, Calif. Converter. 2,065,566; Dec. 29.
Cutler-Hammer, Inc. (See Harwood, Paisley B., assignor.)
Cutler-Hammer, Inc. (See Meuer, George J., assignor.)
Cutter, John, Tulsa, Okla., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,066,097; Dec. 29.
D. & W. Murray Limited. (See Roberts, John H., assignor.)
Dahlgren, Charles H., West New York, N. J. Key case. 2,066,033; Dec. 29.
Daimler Company Limited, The. (See Pomeroy, L. H., and Oliver, assignors.)
Dalby-Balls, Arthur H. (See Salmons, G., and Dalby-Balls.)
Dällenbach, Walter, Berlin, Germany. Liquid cooled vacuum vessel. 2,065,660; Dec. 29.
Dalton, Robert H., and H. P. Hood, assignors to Corning Glass Works, Corning, N. Y. Glass resistant to alkali metal vapors and making it. 2,065,852; Dec. 29.
Davis, Charles C., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Bevel gear differential mechanism. 2,065,661; Dec. 29.
Davis, Clarke F., Westfield, N. J., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Ceiling structure. 2,065,796; Dec. 29.
Davis, Clarke F., Short Hills, N. J., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Lintel. 2,066,253; Dec. 29.
Davis, Cortland W. (See Whipple, A. D., and Davis.)
Davis, Harriett H., Chicago, Ill. Display device. 2,065,797; Dec. 29.
Davis, William H., et al. (See Chandler, Daniel L., assignor.)
De Laval Separator Company, The. (See Strezynski, George J., assignor.)
De Laval Separator Company, The. (See Strezynski, G. J., and Pfau, assignors.)
Delk, Cecil E., Amarillo, Tex. Artificial fishing lure. 2,066,254; Dec. 29.
Delyra, Emmanuel L., et al. (See Post, Charles E., assignor.)
Dempsey, Henry C., and E. P. Stimmel, assignors to Union Iron Works, Decatur, Ill. Shaking mechanism. 2,065,798. Dec. 29.
Dempsey, Michael J., Waterbury, Conn., assignor to Copper Houses, Inc., New York, N. Y. Building construction. 2,066,255; Dec. 29.
Detroit Stoker Company. (See Beers, Royce L., assignor.)
Deutschmann, Arnold, Boston, Mass. Electrical condenser. 2,065,934; Dec. 29.
DeViney, Albert F., Berwyn, Ill. Welding apparatus. 2,065,662; Dec. 29.
De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe form. 2,066,098; Dec. 29.
Diamond Power Specialty Corporation. (See Pfleiderer, Ernst, assignor.)
Diamond Power Specialty Corporation. (See Thomas, Willis P., assignor.)
Dicke, Oscar H., assignor to General Railway Signal Company, Rochester, N. Y. Light signal system for railroads. 2,065,663; Dec. 29.
Dickey-Grabler Company, The. (See Plack, Frank F., assignor.)
Dickie, William A., and P. F. C. Sowter, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of articles from cellulose esters or others. 2,065,664; Dec. 29.
Diebold Safe & Lock Company. (See Miller, W. C., and Kuenzel, assignors.)
Dienner, John A., et al. (See Sherwood, Charles F., assignor.)
Dieterle, Walter, Dessau-Ziebigk in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Photographic emulsion. 2,066,099; Dec. 29.
Dietrich, Neff T., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Automobile engine mounting and spring suspension. 2,065,665; Dec. 29.
Dietz, Henry F., assignor to M. L. Gould, Indianapolis, Ind. Mining jack. 2,066,175; Dec. 29.
Dimmig, Howard, New York, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Apparatus for the treatment of hydrocarbon oil. 2,066,100; Dec. 29.
Di Renzo, Simon, Landisville, N. J. Stop device for automobiles. 2,066,199; Dec. 29.
Doherty Research Company. (See Brandt, David G., assignor.)
Dorer, Oscar H., East Orange, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Pump. 2,065,666; Dec. 29.
Dorfman, Louis J., Brooklyn, N. Y. Machine for perforating cigars. 2,065,995; Dec. 29.
Dorst, James A., United States Army, San Francisco, Calif. Vehicle. 2,065,516; Dec. 29.
Douglas, Harry A., Bronson, Mich. Electrical connection means. 2,066,144; Dec. 29.
Dreyer, Karl, Weehawken, N. J., assignor to Radio Corporation of America. Mount for electron discharge devices. 2,065,667; Dec. 29.
Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Spinning of artificial filaments. 2,065,517; Dec. 29.
Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Making yarns, filaments, and the like and product thereof. 2,065,518; Dec. 29.
Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Spinning of artificial filaments. 2,065,519; Dec. 29.
Dreyfus, Camille, New York, N. Y., and G. R. Blake, Cumberland, Md., assignors to Celanese Corporation of America. Treatment of yarn. 2,065,996; Dec. 29.
Dreyfus, Henry, London, England. Manufacture and treatment of filaments and the like. 2,065,668; Dec. 29.
Drobile, Albert W., Wayne, and G. S. Hiers, Cynwyd, assignors to Collins & Aikman Corporation, Philadelphia, Pa. Manufacture of textiles. 2,065,853; Dec. 29.
Du Brul, Clarence J., and W. J. Luttmann, assignors to The Miller, Du Brul & Peters Mfg. Co., Cincinnati, Ohio. Machine for assorting round and cylindrical articles. 2,065,888; Dec. 29.
Dunlap, Solon T., and C. H. Stratton, Oklahoma City, Okla. Marine craft. 2,066,101; Dec. 29.
Du Pont, E. I., de Nemours & Company. (See Alvarado, A. M., and Barrett, assignors.)
Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., and McIlharness, assignors.)
Du Pont, E. I., de Nemours & Company. (See Charch, William H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lazier, Wilbur A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lubs, Herbert A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Reichert, Joseph S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Scott, Norman D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Waldron, William R.)

Dyer, John B., Pendleton, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Engine starting apparatus. 2,065,889; Dec. 29.
E. A. Laboratories, Inc. (See Gillet, Alexis F., assignor.)
Eaton, Charles F., West Newbury, Mass., assignor, by mesne assignments, of one-half to North American Holding Corporation, and one-half to Parshad Holding Corporation, Syracuse, N. Y. Marking machine. 2,066,273; Dec. 29.
Eberle, William A., Jersey City, and M. B. Hopkins, Elizabeth, N. J., assignors to Standard Oil Development Company. Decolorizing a lubricating oil stock. 2,066,200; Dec. 29.
Ebert, Charles, Leonia, N. J., and W. B. Newkirk, Western Springs, Ill., assignors to International Patents Development Company, Wilmington, Del. Crystallizing dextrose. 2,065,669; Dec. 29.
Echave, Ignacio F., and A. G. Caldararo, Mar del Plata, Argentina. Spark plug. 2,065,567; Dec. 29.
Eckey, Eddy W., Wyoming, and C. C. Clark, St. Bernard, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Liberating fatty acids in fatty material. 2,065,520; Dec. 29.
Eclipse Aviation Corporation. (See Waselge, Charles R., assignor.)
Edel, St. Clair N. (See Edel, Samuel T. and St. C. N.)
Edel, Samuel T., Middle River, and St. C. N. Edel, Baltimore, Md. Fish bait sinker. 2,065,854; Dec. 29.
Edwards, Donald V., Montclair, and E. K. Smith, East Orange, N. J., assignors to Electrons, Inc., of Delaware. Gaseous discharge tube cathode. 2,065,997; Dec. 29.
Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Printing lenticular film. 2,065,670; Dec. 29.
Eggert, John, Leipzig-Gohlis, and R. Schmidt, Dessau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Reproduction of photographic sound records. 2,066,102; Dec. 29.
Ehrlich, Louis B., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Ignition timing device. 2,066,069; Dec. 29.
Ekserglan, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Wheel. 2,066,256; Dec. 29.
Electric Auto-Lite Company, The. (See Ehrlich, Louis B., assignor.)
Electric Storage Battery Company, The. (See Woodbridge, Joseph L., assignor.)
Electrolux Corporation. (See Lofgren, Gustaf E., assignor.)
Electrons, Inc., of Delaware. (See Edwards, D. V., and Smith, assignors.)
Ellestad, Gerhard A., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,065,671; Dec. 29.
Filey, Harold W., and H. W. Walker, assignors, by mesne assignments, to Gasoline Antioxidant Company, Wilmington, Del. Gum inhibitor for hydrocarbon fuels. 2,065,568; Dec. 29.
Elliott, Harold F., Palo Alto, Calif. Oscillator and modulator. 2,065,672; Dec. 29.
Emmons, Herbert A., Bloomfield, N. J. Highway marker. 2,065,998; Dec. 29.
Engel, Karl, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and shoe manufacture. 2,065,569; Dec. 29.
Engineering Research Corporation. (See Barret, W. M., and Mayer, assignors.)
Eppensteiner, William F., Rahway, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Apparatus for sweating out fusible metals. 2,066,257; Dec. 29.
Ertel, Fred J. (See Kehr, G. H., and Ertel.)
Essig, Sanford F., Philadelphia, Pa., assignor to Radio Corporation of America. Electrode structure. 2,065,570; Dec. 29.
Eustis, Irving N., assignor to Fairmont Railway Motors, Incorporated, Fairmont, Minn. Brake shoe. 2,065,571; Dec. 29.
Evans Case Company. (See Reilly, Alfred F., assignor.)
Evans, Homer E., Grandview, Wash. Fruit basket. 2,066,258; Dec. 29.
Everett, Arthur C., Boston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Machine for applying screw closures to containers. 2,066,259; Dec. 29.
Ewing, George W., et al. (See Chandler, Daniel L., assignor.)
Fairmont Railway Motors, Incorporated. (See Eustis, Irving N., assignor.)
Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Selective detection. 2,065,890; Dec. 29.
Farnsworth, Philo T., San Francisco, Calif., and H. S. Bamford, Philadelphia, Pa., assignors to Farnsworth Television Incorporated, San Francisco, Calif. Incandescent light source. 2,066,070; Dec. 29.
Farnsworth Television Incorporated. (See Farnsworth, P. T., and Bamford, assignors.)
Faultless Manufacturing Company, The. (See Hardle, Harry, assignor.)
Faure, Joanny and A. P. Chavrier, Lyon, France. Universal joint. 2,065,999; Dec. 29.
Fay, Albert T., Jr., deceased, Portland, Pauline Fay, administratrix of said Albert T. Fay, Jr., assignor to Moore Dry Kiln Company of Oregon, North Portland, Oreg. Stacker or loader. 2,065,673; Dec. 29.
Fay, Albert T. Jr., Portland, P. Fay, administratrix of said Albert T. Fay, Jr., deceased, assignor to Moore Dry Kiln Company of Oregon, North Portland, Oreg. Apparatus for tiering, feeding, and loading materials. 2,065,674; Dec. 29.
Fay, Pauline, administratrix. (See Fay, Albert T., jr.)
Fechner, Elmer J., assignor to The Page Milk Company, Shelbyville, Ind. Making fat-containing powder. 2,065,675; Dec. 29.
Fechner, Elmer J., assignor to The Page Milk Company, Shelbyville, Ind. Making fat-containing powder. 2,065,676; Dec. 29.
Fedders Manufacturing Company. (See Przyborowski, Stanislaus, assignor.)
Federal Chain Company. (See Biedermann, William F., assignor.)
Fegley, Thomas J., and G. O. Leopold, assignors to North Bro's M'f'g Co., Philadelphia, Pa. Machine for breaking cubes of ice. 2,065,677; Dec. 29.
Ferm, John F., Midland, assignor to Pittsburgh Crucible Steel Company, Pittsburgh, Pa. Blank feeding means. 2,065,855; Dec. 29.
Field, Samuel B., Holbrook, assignor to Naumkeag Steam Cotton Company, Salem, Mass. Wrapping machine. 2,066,260; Dec. 29.
Filtration Equipment Corp. (See Laughlin, William C., assignor.)
Finch, William G. H., New York, N. Y. Facsimile receiving system. 2,066,261; Dec. 29.
Finch, William G. H., New York, N. Y. Facsimile receiving system. 2,066,262; Dec. 29.
Finckel, William H., Jr., trustee. (See Goethe, Joseph A., assignor.)
Fine, Joseph L., Pittsburgh, Pa. Soap receptacle. 2,065,799; Dec. 29.
Fink, John H. and M. Horowitz, Woodhaven, N. Y. Changeable color electric lamp. 2,066,145; Dec. 29.
Finley, John T., Chicago, Ill., assignor to Archer-Daniels-Midland Company. Soy bean compound for aging grain distillate. 2,066,263; Dec. 29.
Fiorelli, Ferdinando, Terni, Italy. Combustion process for the use of fluid fuel in Martin furnaces. 2,066,103; Dec. 29.
Fischer, Albert C., Chicago, Ill. Expansion joint. 2,065,521; Dec. 29.
Fischer, Albert C., Chicago, Ill. Composition sheet. 2,065,522; Dec. 29.
Fischer, William N. (See Bell, W. C., and Fischer.)
Fish, Charles R. Jr., Worcester, Mass. Garden tool. 2,065,678; Dec. 29.
Fisher, Fred D., and G., Jr., Chicago, Ill. Brake. 2,065,679; Dec. 29.
Fisher, George, Jr. (See Fisher, Fred D. and George, Jr.)
Fisher, Henry C. (See Overton, A. M., and Fisher.)
Fisher, James M., New Orleans, La. Automatic feed trough. 2,066,264; Dec. 29.
Fitzsimmons, John T. (See Parker, L. O., and Fitzsimmons.)
Fleischer, Paul W. (See von Hofe, G. W., and Fleischer.)
Fleischhauer, Richard, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Mono-azodyestuffs. 2,065,680; Dec. 29.
Flexlume Corporation. (See Nauth, Raymond, assignor.)
Fogas, Livius V., Detroit, Mich. Gas burner. 2,065,681; Dec. 29.
Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,065,572; Dec. 29.
Follett, David H. (See Twyman, F., and Follett.)
Food Machinery Corporation. (See Schmidt, John, assignor.)
Fotel, George Eugène, Waterville, Maine. Cow tail holder. 2,065,682; Dec. 29.
Fraser, Alexander T., Seattle, Wash. Ladder for continuous chain-bucket elevator dredges. 2,066,104; Dec. 29.
Fraser, Eugene B., et al. (See Chandler, Daniel L., assignor.)
Frede, Charles F., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway vehicle structure. 2,065,573; Dec. 29.
Freeman, Harold A., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Curing tires. 2,066,265; Dec. 29.
Freeman, Samuel, New York, N. Y. Lipstick. 2,065,800; Dec. 29.
Fröhlich, Adolph. (See Herbert, L., and Fröhlich.)
Fulton Company, The. (See Thorp, J. R., and Strand, assignors.)
Gahagan, Andrew, assignor to The Crown Lock Company, New York, N. Y. Locking device. 2,065,683; Dec. 29.
Gaines, Edmund P., Columbia, S. C. Airplane. 2,065,684; Dec. 29.
Gaisman, Henry J., Hartsdale, N. Y. Door safety mechanism. 2,065,685; Dec. 29.
Galanti, Robert, Elmhurst, N. Y. Accordion. 2,065,574; Dec. 29.
Garlock Packing Company, The. (See Hubbard, Cecil R., assignor.)

Garubo, Joseph T., Cleveland, Ohio. Washing machine mechanism. 2,065,686; Dec. 29.
Gasoline Antioxidant Company. (See Elley, H. W., and Walker, assignors.)
Gasoline Products Company. (See Dimmig, Howard, assignor.)
Gates, Franklin Y., Salt Lake City, Utah. Window regulator. 2,066,034; Dec. 29.
Gavin, Richard S., Bayonne, N. J. Film reel. 2,065,575; Dec. 29.
Gaylord, Robert, Incorporated. (See George, Walter C., assignor.)
Gear Grinding Company, The. (See Orcutt, Arthur H., assignor.)
Geare, Randolph E. S., Philadelphia, assignor to L. H. Gilmer Co., Lacony, Philadelphia, Pa. V-belt. 2,066,266; Dec. 29.
Gearhart, Franklin B., and F. A. Steele, Palmerton, Pa., assignor to The New Jersey Zinc Company. Zinc oxide. 2,065,687; Dec. 29.
Gehres, Hewitt A., assignor to Cooper-Bessemer Corporation, Mount Vernon, Ohio. Port valve and pump construction for internal combustion engines. 2,065,688; Dec. 29.
Gemmer Manufacturing Company. (See Pulleyblank, Harper E., assignor.)
General Aniline Works, Inc. (See Fleischbauer, Richard, assignor.)
General Aniline Works, Inc. (See Laska, L., and Haller, assignor.)
General Auto Parts Corporation. (See Rockwell, Edward A., assignor.)
General Chemical Company. (See Carter, B. M., and Merriam, assignors.)
General Electric Company. (See Bennett, Ralph S., assignor.)
General Electric Company. (See Clary, Selden B., assignor.)
General Electric Company. (See Girvin, F., and Hardman, assignors.)
General Electric Company. (See Johnson, Wilfrid E., assignor.)
General Electric Company. (See Roessler, Edward W., assignor.)
General Electric Company. (See Stephens, R. M., and Chapman, assignors.)
General Electric Company. (See White, Stewart H., assignor.)
General Electric Company Limited, The. (See Chubb, Alexander A., assignor.)
General Fire Extinguisher Company. (See Weston, William D., assignor.)
General Motors Corporation. (See Arthur, James L., assignor.)
General Motors Corporation. (See Dyer, John B., assignor.)
General Motors Corporation. (See Knight, Donald B., assignor.)
General Motors Corporation. (See Maccabee, David E., assignor.)
General Motors Corporation. (See Miller, Ralph K., assignor.)
General Motors Corporation. (See Parker, L. O., and Fitzsimmons, assignors.)
General Motors Corporation. (See Reeves, Donald H., assignor.)
General Motors Corporation. (See Smilack, Jacob, assignor.)
General Motors Corporation. (See Smith, Harry F., assignor.)
General Plate Company. (See Spencer, John A., assignor.)
General Railway Signal Company. (See Dicke, Oscar H., assignor.)
General Spring Bumper Corporation. (See Jandus, Herbert S., assignor.)
General Steel Castings Corporation. (See Ashe, William O., assignor.)
General Steel Castings Corporation. (See Frede, Charles F., assignor.)
General Steel Castings Corporation. (See Sheehan, William M., assignor.)
Gentile, Virginio J., Summit, N. J. Curling hair. 2,066,140; Dec. 29.
George, Walter C., assignor to Robert Gaylord, Incorporated, St. Louis, Mo. Steamer and preheater for corrugating machines. 2,065,576; Dec. 29.
Gerlich, Felix, Berlin-Tempelhof, and R. Kielhorn, Berlin-Pankow, assignors to C. Lorenz Aktiengesellschaft, Berlin, Tempelhof, Germany. Condenser. 2,065,921; Dec. 29.
Gesellschaft für Elektrische Apparate, m. b. H. (See Hort, Hermann, assignor.)
Giarratna, Joseph. (See Lee, J. F., and Giarratna.)
Giegy, J. R., A. G. (See Mettler, Carl, assignor.)
Gillet, Alexis F., Omaha, Nebr., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Suction actuated warning mechanism. 2,066,000; Dec. 29.
Gillet, Alexis F., Omaha, Nebr., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Actuating mechanism for warning signals. 2,066,001; Dec. 29.
Gillette Safety Razor Company. (See Claisse, Arnold J., assignor.)
Gillette Safety Razor Company. (See Knobel, M., and Young, assignor.)
Gilmer, Ernest E., Portland, Oreg. Shingle planing machine. 2,065,801; Dec. 29.
Gilmer, L. H., Co. (See Geare, Randolph E. S., assignor.)
Girvin, Fred, and W. H. Hardman, Schenectady, N. Y., assignors to General Electric Company. Commutating brush. 2,066,176; Dec. 29.
Gladstone, Arthur, assignor to The Han-Dee Manufacturing Corp., Hartford, Conn. Line tightener. 2,065,577; Dec. 29.
Glen, Robert R., Anglet, France, assignor to Glen's Patents and Holdings, Inc., New York, N. Y. Sound transmission. 2,065,578; Dec. 29.
Glen's Patents and Holdings, Inc. (See Glen, Robert R., assignor.)
Globe Machinery & Supply Company. (See Bristol, Cyrus J., assignor.)
Goble, Edward R. (See Moore, William J., assignor.)
Goethe, Joseph A., assignor to William H. Finckel, Jr., Washington, D. C., trustee. Display device. 2,065,689; Dec. 29.
Goltstein, Ewald, The Hague, Netherlands. Rubber tire for self-propelled road vehicles. 2,065,968; Dec. 29.
Goodman Manufacturing Company. (See Cartlidge, Frank, assignor.)
Goodrich, B. F., Company, The. (See Black, Joseph J., assignor.)
Gordon, Fred C., Detroit, Mich. Structure of veneered buildings. 2,066,035; Dec. 29.
Gorr, Günther. (See Hagedorn, M., Bockmühl, and Gorr.)
Gothe, Albrecht. (See Berndt, W., and Gothe.)
Gotses, Spiro, et al. (See Schmidt, Louis D., assignor.)
Gould, Herman, Brooklyn, and F. Ackerman, New York, N. Y. Multicolor stamping machine. 2,065,690; Dec. 29.
Gould, Morton L. (See Dietz, Henry F., assignor.)
Graham, Harold M., assignor to Ross Heater & Mfg. Co. Inc., Buffalo, N. Y. Refrigerating system. 2,065,579; Dec. 29.
Graham, Louis A. (See Schmitter, W. P., and Graham.)
Granite Steel Castings Corporation. (See Travilla, James C., Jr., assignor.)
Graton & Knight Company. (See Mader, Lewis H., assignor.)
Graves, Herbert C., Jr., East Bradford Township, Chester County, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Arc extinguishing device. 2,065,802; Dec. 29.
Grawunder, Henry C., Bellville, Tex. Toy gun. 2,065,580; Dec. 29.
Greenwood, Chester, Farmington, Maine. Metal rake. 2,066,036; Dec. 29.
Grenier, Joseph A. R., Montreal, Quebec, Canada. Bottle carrier. 2,065,803; Dec. 29.
Griffith, Charles G., et al. (See Bristow, Harry L., assignor.)
Griffiths, Septimus H., Canton, Ohio. Combined metal mold for casting and stripping ingots. 2,065,969; Dec. 29.
Groeniger, William C., Columbus, Ohio, assignor to John R. Pierce Foundation, New York, N. Y. Uniting fluid streams and device therefor. 2,065,523; Dec. 29.
Groeniger, William C., Columbus, Ohio, assignor to John R. Pierce Foundation, New York, N. Y. Fluid transmission system and fittings therefor. 2,065,524; Dec. 29.
Grossman, Louis, New York, N. Y., assignor to Optical Products Corporation. Ophthalmic mounting. 2,065,935; Dec. 29.
Grote, Walther H., Charleston, W. Va., assignor to United Carbon Company, Inc. Improving carbon black. 2,066,274; Dec. 29.
Grover, Leonard, Toronto, Ontario, Canada. Sole and heel structure. 2,065,856; Dec. 29.
Gump, R. F., Company. (See Berry, Eugene G., assignor.)
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Fruit basket. 2,065,804; Dec. 29.
Hagedorn, Max, Dessau in Anhalt, and M. Bockmühl and G. Gorr, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Medicaments coated with a water-insoluble polymerization product and preparing them. 2,066,105; Dec. 29.
Hall & Connolly, Inc. (See Hall, Theodore O., assignor.)
Hall, J. D., Plastic Columns Limited. (See Hall, James D., assignor.)
Hall, James D., Rockhampton, Queensland, assignor to J. D. Hall Plastic Columns Limited, Canberra, Australia. Apparatus for molding pipes, pillars, and other cylindrical forms in plastic materials. 2,066,288; Dec. 29.
Hall, Mora S., Baltimore, Md., assignor to May Oil Burner Corporation. Roller. 2,066,275; Dec. 29.
Hall, Theodore O., assignor to Hall & Connolly, Inc., New York, N. Y. Automatic projector lamp. 2,065,891; Dec. 29.
Haller, Oskar. (See Laska, L., and Haller.)
Halowax Corporation. (See Hanson, Ernest R., assignor.)
Hamilton, John G., McComb, Miss. Fastener for wall panels. 2,065,525; Dec. 29.
Hammermill Paper Company. (See Keller, Ray B., assignor.)
Han-Dee Manufacturing Corp., The. (See Gladstone, Arthur, assignor.)
Hanley, Albert J., assignor to Respro Inc., Cranston, R. I. Material for use as leather substitute and manufacture. 2,065,892; Dec. 29.

Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Electron tube. 2,066,037; Dec. 29.
Hansen Rubber Products Company et al. (See Sherwood, Charles F., assignor.)
Hanson, Charles W., Perth Amboy, N. J., and R. A. Crites, Omaha, Nebr., assignors to American Smelting and Refining Company, New York, N. Y. Cupel furnace. 2,065,691; Dec. 29.
Hanson, Ernest R., Bloomfield, N. J., assignor to Halowax Corporation, New York, N. Y. Protective compositions. 2,066,002; Dec. 29.
Hardie, Harry, assignor to The Faultless Manufacturing Company, Baltimore, Md. Band for wearing apparel. 2,065,936; Dec. 29.
Hardman, William H. (See Girvin, F., and Hardman.)
Harrall, Edwin R., Englewood, N. J., and J. P. Reis, Hempstead, N. Y., assignors to the Western Union Telegraph Company, New York, N. Y. Chuck or coupling. 2,066,276; Dec. 29.
Harrington, Joseph, Jr., Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of soles for shoes. 2,065,692; Dec. 29.
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Potentiometer. 2,065,805; Dec. 29.
Hartford-Empire Company. (See Wadman, Harold A., assignor.)
Hartzell, William C., Union Beach, N. J. Air purifier. 2,065,970; Dec. 29.
Harvey-Whipple, Inc. (See Bork, George H., assignor.)
Harwood, Paisley B., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Motor control system. 2,066,106; Dec. 29.
Haserodt, Oscar P., Elyria, Ohio. Golf bag. 2,065,693; Dec. 29.
Hassard, William, Vancouver, British Columbia, Canada. Stabilizing gilsonite. 2,066,289; Dec. 29.
Hassenfeld, Helal, New York, N. Y. Compass. 2,066,147; Dec. 29.
Hatcher, Glenn, Tulsa, Okla., assignor to The Collis Company, Clinton, Iowa. Egg candling and stamping device. 2,065,694; Dec. 29.
Haug, Anton J., Nashua, N. H. Method of and apparatus for working paper stock. 2,066,107; Dec. 29.
Haultain, Herbert E. T., Toronto, Ontario, Canada. Method of and apparatus for determining a degree of fineness of finely divided material. 2,065,695; Dec. 29.
Hawkinson, Paul E., Minneapolis, Minn. Tire tread. 2,065,696; Dec. 29.
Hawkinson, Paul E., Minneapolis, Minn. Tire tread. 2,065,697; Dec. 29.
Hayes, Bertell H., Momence, Ill. Indicator. 2,066,267; Dec. 29.
Hedges, Ross E., assignor of one-half to H. L. Adams, Cadiz, Ohio. Combination ladder. 2,066,108; Dec. 29.
Heftler, Victor R., Grosse Pointe Park, Mich. Carburetor. 2,066,003; Dec. 29.
Heiber, William G., and E. R. Meng, assignors to said W. G. Heiber, doing business as William Heiber & Son, Rochester, N. Y. Clamp. 2,066,148; Dec. 29.
Heiber, William & Son. (See Heiber, W. G., and Meng, assignors.)
Heigis, Henry E. (See Hill, V. J., Jr., Heigis, and Towart.)
Heileman, Charles J., Park Hills, Ky. Wrist watch band. 2,065,581; Dec. 29.
Heinze, John O., assignor to Heinze Development Company, Detroit, Mich. Charge forming device. 2,065,582; Dec. 29.
Heinze Development Company. (See Heinze, John O., assignor.)
Heise, George W., North Olmstead, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Battery. 2,065,893; Dec. 29.
Heitzmann, Enrique, Buenos Aires, Argentina. Liquid sterilizing apparatus. 2,065,583; Dec. 29.
Heltzel, John N., Warren, Ohio. Stone spreading machine. 2,065,698; Dec. 29.
Hempel, Anna, Berlin, Germany. Rubber brush. 2,065,584; Dec. 29.
Henry, Albert J. (See Stratton, J. L., and Henry.)
Herb, Otto J., Chicago, Ill. Safety razor. 2,065,585; Dec. 29.
Herbert, Leonhard, Frankfort-on-the-Main, and A. Fröhlich, Hanover, Germany. Manufacture of pneumatic tires. 2,065,971; Dec. 29.
Hercules Powder Company. (See Mayfield, Evart E., assignor.)
Herold, Edward W., Verona, N. J., assignor to Radio Corporation of America. Converter circuit. 2,066,038; Dec. 29.
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Chair base hub. 2,065,699; Dec. 29.
Heymer, Gerd. (See Eggert, J., and Heymer.)
Hiers, Glen S. (See Drobile, A. W., and Hiers.)
Hiers, Glen S., Cynwyd, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Rubber compound and making the same. 2,065,937; Dec. 29.
Hilger, Adam, Limited. (See Twyman, F., and Follett, assignors.)
Hill, Valentine J., Jr., Bloomfield, H. E. Heigis, West Orange, and A. Towart, Jr., Caldwell, assignors to Walter Kidde & Company, Inc., Bloomfield, N. J. Fire extinguishing apparatus. 2,066,290; Dec. 29.
Hilliker, William P., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Anti-leak agent for greases. 2,065,857; Dec. 29.
Hirvonen, Eric J., assignor to Leland-Gifford Company, Worcester, Mass. Hydraulic drilling machine. 2,066,109; Dec. 29.
Hitt, Charles W. (See Zublin, J. A., and Hill, assignors.)
Hitt, Charles W., assignor to J. A. Zublin, Los Angeles, Calif. Apparatus for making tubes. 2,066,004; Dec. 29.
Hodges, George F., and F. B. Cota, San Ysidro, Calif. Liquid fuel burning apparatus. 2,066,039; Dec. 29.
Hoe, R., & Co. (See Ball, H. V., and Lamatsch, assignors.)
Hoe, R., & Co. (See Horton, Albert J., assignor.)
Hoesel, Anthony F., assignor to Peerless Ice Machine Company, Chicago, Ill. Method and machine for making finned tube heat exchangers. 2,065,586; Dec. 29.
Hohner, Andrew, Ottawa, Ill. Building construction. 2,066,268; Dec. 29.
Hood, Harrison P. (See Dalton, R. H., and Hood, assignors.)
Hookless Fastener Company. (See Quisling, Sverre, assignor.)
Hookless Fastener Company. (See Sipe, Harry E., assignor.)
Hookless Fastener Company. (See Sunback, Gideon, assignor.)
Hopkins, Alva R., Merchantville, N. J., assignor to Radio Corporation of America. Self-excited microphone circuit. 2,066,149; Dec. 29.
Hopkins, Leonard O., Nashville, Tenn. Bascule bridge. 2,066,110; Dec. 29.
Hopkins, Marion B. (See Eberle, W. A., and Hopkins.)
Horii, Shinjiro, Kanda-Ku, Tokyo, Japan. Duplicator. 2,066,269; Dec. 29.
Horowitz, Max. (See Fink, J. H., and Horowitz.)
Horst, Tallmon E., Chicago, Ill. Hinge and the like. 2,065,700; Dec. 29.
Horstmann, Bevan G. (See Horstmann, John H. G., K. J., and B. G.)
Horstmann, John H. G., K. J., and B. G., Bath, England. Gas valve. 2,065,972; Dec. 29.
Horstmann, Kenneth J. (See Horstmann, John H. G., K. J., and B. G.)
Hort, Hermann, Berlin-Charlottenburg, assignor to Gesellschaft für Elektrische Apparate, m. b. H., Marienfelde, near Berlin, Germany. Ship stabilizer. 2,066,150; Dec. 29.
Horton, Albert J., White Plains, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Web guiding roller support. 2,066,306; Dec. 29.
Horton, Albert J., White Plains, N. Y., assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Web feeding mechanism. 2,066,307; Dec. 29.
Houtsinger, Henry J., Chicago, assignor to Laura E. Carpenter, Winnetka, and H. A. Stilson, Chicago, Ill. Animal trap. 2,065,701; Dec. 29.
Howland, Henry, Williston Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,065,894; Dec. 29.
Howes, Donald A., Norton-on-Tees, England, assignor to Imperial Chemical Industries, Limited. Fuel oil. 2,065,588; Dec. 29.
Howes, S., Co. Inc. (See Barbeau, Alexis C., assignor.)
Howland, Louis H., Nutley, N. J., assignor to United States Rubber Products, Inc., New York, N. Y. Vulcanization of rubber. 2,065,587; Dec. 29.
Hubbard, Cecil R., assignor to The Garlock Packing Company, Palmyra, N. Y. Armored machinery packing. 2,066,270; Dec. 29.
Hubbard, Karl H., assignor to Taylor Instrument Companies, Rochester, N. Y. Air-operated control system. 2,065,702; Dec. 29.
Hubbard, Karl H., assignor to Taylor Instrument Companies, Rochester, N. Y. Temperature responsive device. 2,065,703; Dec. 29.
Hufferd, George H., Detroit, Mich., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Ball bearing joint. 2,065,589; Dec. 29.
Huffman, John R. (See Seaman, W., and Huffman.)
Hug, William, Clifton, N. J. Carrier rod operating mechanism. 2,065,922; Dec. 29.
Hughes, Wilber, Crow Summit, W. Va. Register for distributors of ignition systems. 2,066,111; Dec. 29.
Humblet, Joseph, Brussels, Belgium. Valve. 2,066,112; Dec. 29.
Huttinger, Charles A., Lakewood, assignor to Acme Rayon Corporation, Cleveland, Ohio. Means for use in spinning and in liquid treating tubular rayon packages. 2,065,526; Dec. 29.
Hyman, Henry. (See Britsch, Otto C., assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Eggert, J., and Heymer, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Eggert, J., and Schmidt, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Reppe, Walter, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Reppe, W., and Keyssner, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Reppe, W., and Wolff, assignors.)
I-T-E Circuit Breaker Company. (See Graves, Herbert C., Jr., assignor.)

Idaho Maryland Mines Co. (See Newson, John B., assignor.)
Imon, Sadami, Komeno cho, Naka-ku, Nagoya, Japan. Narrowing mechanism for knitting machines. 2,065,858; Dec. 29.
Imperial Chemical Industries Limited. (See Howes, Donald A., assignor.)
Imperial Chemical Industries Limited. (See Oosterhof, D., and van Vlodrop, and Waterman, assignors.)
Insulated Steel Construction Company. (See Clark, Mills G., assignor.)
International Business Machines Corporation. (See Carroll, F. M., and Bakelnar, assignors.)
International Carbonic, Inc. (See Rice, Edward, Jr., assignor.)
International Patents Development Company. (See Copland, Charles J., assignor.)
International Patents Development Company. (See Ebert, C., and Newkirk, assignors.)
International Patents Development Company. (See Newkirk, William B., assignor.)
International Patents Development Company. (See Shurback, Samuel, assignor.)
International Standard Electric Corporation. (See Scott, T. R., and Webb, assignors.)
Irwin, Chester M., Milwaukee, assignor to Whyt-Rox Chemical Company, Wauwatosa, Wis. Filter material and method of making same. 2,066,271; Dec. 29.
Jack, Norman H., Philadelphia, Pa. Metal shielded wire. 2,066,201; Dec. 29.
Jacoby, Enos R. (See Timian, H. H., and Jacoby.)
Jaeger, Walter J., Imperial, Nebr. Knife attachment for listers. 2,066,113; Dec. 29.
Jakupczyk, Leo, Simpson, Pa. Garment support. 2,065,976; Dec. 29.
Jandat, Karl, Munich, Germany. Apparatus for sterilizing by heated air. 2,065,895; Dec. 29.
Jandus, Herbert S., assignor to General Spring Bumper Corporation, Detroit, Mich. Buffer plate construction. 2,065,806; Dec. 29.
Jarrier, René, St.-Quentin, France, assignor to Bartlett Arkell, New York, N. Y. Automatic sacking and weighing machine. 2,065,527; Dec. 29.
Jay, May O'R. (See Jay, Webb, assignor.)
Jay, Webb, Port Washington, N. Y., assignor to May O'Rourke Jay, Miami Beach, Fla. Theft preventing tank filler tube. 2,066,202; Dec. 29.
Jefferies, Samuel L., Gaffney, S. C. Apparatus for vibrating investing material. 2,065,977; Dec. 29.
Jeffrey Manufacturing Company, The. (See Beltz, J. S., and Mitchell, assignors.)
Jeffrey Manufacturing Company, The. (See Levin, Nils D., assignor.)
Jenkins, Edward M., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Building wall. 2,066,005; Dec. 29.
Jennings, Floyd E., San Mateo, Calif. Antirattling device for windows. 2,065,590; Dec. 29.
Jennings, Irving C., South Norwalk, Conn. Vacuum steam heating apparatus. 2,065,704; Dec. 29.
Jerguson, Philip A., West Medford, Mass. Water level gauge. 2,065,705; Dec. 29.
Jessen, Arnold H., Los Angeles, Calif. Multiple-acting overrunning clutch. 2,065,938; Dec. 29.
Jessen, Conrad O., Los Angeles, Calif. Magazine floor cover for bird cages. 2,065,923; Dec. 29.
Jessop, Francis W., Cleveland Heights, assignor to The Ohio Electric Mfg. Co., Cleveland, Ohio. Magnetically operated clamshell bucket. 2,065,706; Dec. 29.
Johansson, Johan E., assignor to Aktiebolaget Gotaverken, Gothenburg, Sweden. Reciprocating steam engine. 2,066,151; Dec. 29.
Johns-Manville Corporation. (See Jenkins, Edward M., assignor.)
Johns-Manville Corporation. (See Kellogg, George D., assignor.)
Johnson, Anthon G., Des Moines, Iowa. Device for use in the permanent waving of hair. 2,065,807; Dec. 29.
Johnson, Edward Noël, Johannesburg, Transvaal, Union of South Africa. Gramophone pick-up. 2,066,203; Dec. 29.
Johnson, Treat B., Bethany, Conn., assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Hydroxy diphenyl sulphide derivatives. 2,065,808; Dec. 29.
Johnson, Wilfrid E., Schenectady, N. Y., assignor to General Electric Company. Lubricating system. 2,066,177; Dec. 29.
Jolly, Carl H., United States Navy. Chuck for airplane wheels. 2,065,528; Dec. 29.
Jones, Andrew U., Montreal, Quebec, Canada. Humidifying apparatus. 2,065,707; Dec. 29.
Jones & Lamson Machine Company. (See Lovely, J. E., and Knights, assignors.)
Jones & Laughlin Steel Corporation. (See Lynch, Albert S., assignor.)
Jones Metal Products Company. (See McKay, John A., assignor.)
Jones, William L. M., assignor to Penn, Olson and Company, Winnipeg, Manitoba, Canada. Grain stacking barge. 2,065,973; Dec. 29.
Joy, Joseph F., Claremont, N. H., assignors to Sullivan Machinery Company. Kerf cutting apparatus. 2,065,809; Dec. 29.
Junior Manufacturing Corporation. (See Creiger, John E., assignor.)
Kaltenbach, Alois and R. Voigt, Potsdam, Germany. Guide-pulley bearing for band drive in dental machines. 2,066,204; Dec. 29.
Karon, Louis, Superior, Wis. Antiskid device. 2,065,810; Dec. 29.
Kasik, Bertha, Chicago, Ill. Drip pan for scrub pails. 2,065,591; Dec. 29.
Kaufman, Aaron, et al. (See Post, Charles E., assignor.)
Kawneer Company, The. (See Plym, Francis J., assignor.)
Keating, Paul J., Fitchburg, Mass. Wallboard securing means. 2,066,205; Dec. 29.
Kee, Charles L., Portsmouth, Va. Soda fountain attachment. 2,066,040; Dec. 29.
Keever, William R., Sulphur Mine, La., assignor to The Union Sulphur Company. Removable straightening tool. 2,065,896; Dec. 29.
Kehr, Gustav H., and F. J. Ertel, Brooklyn, N. Y. Adjustable support. 2,065,529; Dec. 29.
Kell, Francis & Son, Inc. (See Kell, Henry F., assignor.)
Kell, Henry F., Scarsdale, N. Y., assignor to Francis Kell & Son, Inc. Electrically-releasable bolt keeper. 2,066,277; Dec. 29.
Kell, Henry F., Scarsdale, N. Y., assignor to Francis Kell & Son, Inc. Electric door release mechanism. 2,066,278; Dec. 29.
Kelrie, Charles F., St. Louis, Mo. Water heater. 2,065,708; Dec. 29.
Keller, Hugo F., Oneida, N. Y. Bandage making machine. 2,066,178; Dec. 29.
Keller, Ray B., assignor to Hammermill Paper Company, Erie, Pa. Continuous printing method and apparatus therefor. 2,066,179; Dec. 29.
Kellogg, George D., Pelham, assignor to Johns-Manville Corporation, New York, N. Y. Building assembly and fastening means. 2,066,006; Dec. 29.
Kelsey-Hayes Wheel Company, The. (See Sinclair, Charles W., assignor.)
Kelvinator Corporation. (See Philipp, Lawrence A., assignor.)
Kemmer, Frank R., Larchmont, N. Y., assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Apparatus for condensing magnesium. 2,065,709; Dec. 29.
Kemp, Edgar T., Premont, Tex. Level and drainage projection instrument. 2,065,530; Dec. 29.
Kenner, Arthur, Maplewood, N. J., and C. A. Smith, Great Neck, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Fuse panel. 2,065,897; Dec. 29.
Kern, Walter, Sissach, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Vat dyestuffs of the pyrenequinone series and making the same. 2,065,710; Dec. 29.
Kerr, Paul W., Elkhart, Ind. Shower bath cabinet. 2,065,531; Dec. 29.
Ketcham, Lyman G., Brooklyn, assignor to Teleradio Engineering Corporation, New York, N. Y. Transformer unit. 2,065,711; Dec. 29.
Kettenring, Louis R., and F. J. Lillis, Seattle, Wash. Furnace control. 2,065,712; Dec. 29.
Keuffel, Adolph W., Montclair, and J. J. Lippoth, New York, N. Y., assignors to Keuffel & Esser Company, Hoboken, N. J. Ink bottle stopper. 2,066,007; Dec. 29.
Keuffel & Esser Company. (See Keuffel, A. W., and Lippoth, assignors.)
Keyssner, Ernst. (See Reppe, W., and Keyssner.)
Kidde, Walter, & Company. (See Hill, V. J., Jr., Helgis, and Towart.)
Kiel, John R., Chicago, Ill. Sound reproducing apparatus. 2,066,041; Dec. 29.
Kielhorn, Richard. (See Gerth, F., and Kielhorn.)
Kiff, Earl, Attleboro, Mass., assignor to L. G. Balfour Company. Finger ring. 2,065,811; Dec. 29.
King, Edwin C. F., Brentford-Middlesex, England, assignor to Pyrene Manufacturing Company, Newark, N. J. Production of protective coating on aluminum and non-cuprous alloys thereof. 2,066,180; Dec. 29.
King, Edwin C. F., Brentford-Middlesex, England, assignor to Pyrene Manufacturing Company, Newark, N. J. Production of protective coating on aluminum and non-cuprous alloys thereof. 2,066,181; Dec. 29.
Kinnard, James A., Detroit, Mich. Thermostatic valve. 2,065,812; Dec. 29.
Kirk, Ralph L., Bellevue, assignor to Railway and Industrial Engineering Company, South Greensburg, Pa. Safety interlock for electrical and mechanical equipment and systems. 2,065,859; Dec. 29.
Knight, Donald B., Brooklyn, assignor, by mesne assignments, to General Motors Corporation. Self-freeing ice tray. 2,066,042; Dec. 29.
Knights, John R. (See Lovely, J. E., and Knights.)
Knobel, Max, Arlington, and L. H. Young, Auburndale, assignor to Gillette Safety Razor Company, Boston, Mass. Edge testing machine. 2,065,713; Dec. 29.
Knoerzer, Otto, assignor to Champion Corporation, Hammond, Ind. Irrigating pipe. 2,066,008; Dec. 29.
Knox, Garner L., Glendale, assignor to Utility Trailer Manufacturing Company, Los Angeles, Calif. Running gear. 2,065,924; Dec. 29.

Knox, Harry A., Washington, D. C., and T. H. Nixon, United States Army, Gettysburg, Pa. Suspension for vehicles. 2,065,532; Dec. 29.
Kopper's Company. (See Kuehn, Paul M., assignor.)
Koppers Company. (See Mason, John A., assignor.)
Kovach, Charles E. (See Trattner, G., and Kovach.)
Kraft-Phenix Cheese Corporation. (See Schnur, Jacob, assignor.)
Krantz, Hubert, and H. Buysch, assignors to the firm of H. Krantz, Aachen, Germany. Apparatus for loading centrifugal extractors. 2,065,978; Dec. 29.
Kreag, Malcolm G., West Los Angeles, Calif., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Tool and making same. 2,065,898; Dec. 29.
Kroll, Philip J., New York, N. Y. Combined vehicle lifting and rocking apparatus. 2,065,714; Dec. 29.
Kuehn, Paul M., Baltimore, Md., assignor, by mesne assignments, to Kopper's Company. Gasholder. 2,066,292; Dec. 29.
Kuenzel, Christopher W. (See Miller, W. C., and Kuenzel.)
Laborda, Richard, Brooklyn, N. Y. Vehicle. 2,066,043; Dec. 29.
Lamatsch, Frederick. (See Hall, H. V., and Lamatsch.)
Lemel, Edward G., Los Angeles, Calif. Building reenforcement. 2,065,899; Dec. 29.
Landrock, Paul, Rochester, N. Y., assignor to Photostat Corporaion, Providence, R. I. Feeding and measuring apparatus. 2,065,939; Dec. 29.
Lane, George W., Providence, R. I. Key holder. 2,065,940; Dec. 29.
Lane, Merton B, Holden, assignor to Norton Company, Worcester, Mass. Mounted grinding wheel. 2,065,941; Dec. 29.
Lane, Merton B., Holden, assignor to Norton Company, Worcester, Mass. Grinding wheel. 2,065,942; Dec. 29.
Lang, Albert, Berkeley, Calif. Retractable roller screen. 2,065,813; Dec. 29.
Laros, R. K., Silk Company. (See Barney, Jerome, assignor.)
Laska, Leopold, and O. Haller, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dihydroxystilbene-dicarboxylic acid and preparing it. 2,065,900; Dec. 29.
Laughlin, Elmyr A., deceased, by B. D. L. Spoor, administratrix, Oregon, assignor to Consolidated Metal Products Co., Chicago, Ill. Coupler centering device. 2,066,009; Dec. 29.
Laughlin, William C., Bayport, assignor to Filtration Equipment Corp., New York, N. Y. Ferric chloride feeder. 2,066,152; Dec. 29.
Laurie, William, London, England. Conveyer. 2,066,206; Dec. 29.
Lazier, Wilbur A., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic composition and preparing same. 2,066,153; Dec. 29.
Leahy, Herbert V., Los Angeles, Calif. Furnace construction. 2,065,533; Dec. 29.
Leavitt, Harry W., Hammond, assignor to Frank E. Thompson, Pierson Station, Ill. Mowing attachment for trucks. 2,065,901; Dec. 29.
Lee, Joseph F., Washington, D. C., and J. Giarratana, New York, N. Y. Electrical system for the remote indication of instrument readings. 2,066,114; Dec. 29.
Lee, Robert E. (See Shaffer, J. C., and Lee.)
Leland-Gifford Company. (See Hirvonen, Eric J., assignor.)
Lennon, William F., Willimantic, Conn. Headlight. 2,065,814; Dec. 29.
Lenz, Charles C., Great Kills, Staten Island, N. Y. Lifesaving net. 2,066,182; Dec. 29.
Leon, Peter F., Oranjestad, Aruba, Dutch West Indies. Convertible mast construction. 2,065,715; Dec. 29.
Leonard, Merton S., Boston, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Fan. 2,065,716; Dec. 29.
Leopold, George O. (See Fegley, T. J., and Leopold.)
Le Page, Morley G., Los Angeles, Calif. Dispensing apparatus. 2,065,860; Dec. 29.
Lerch, William G., Akron, and M. T. Bryant, Findlay, assignors to Master Tire and Rubber Corporation, Akron, Ohio. Tire expander. 2,065,943; Dec. 29.
Lestina, Frank V., Monona, Iowa. Snow plow. 2,066,207; Dec. 29.
Lever Brothers Company. (See Andersen, Carl N., assignor.)
Leverenz, Humboldt W., Collingswood, N. J., assignor to Radio Corporation of America, New York, N. Y. Luminescent material. 2,066,044; Dec. 29.
Levin, Edward, Brooklyn, N. Y. Garment rack joint. 2,065,902; Dec. 29.
Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Trolley harp. 2,065,944; Dec. 29.
Levin, Nils D., assignors to The Jeffrey Manufacturing Company, Columbus, Ohio. Mining machine. 2,065,945; Dec. 29.
Levy, Charles H., Jr., Maplewood, N. J., assignor to Otis Elevator Company, New York, N. Y. Dispatching and scheduling system. 2,065,815; Dec. 29.
Levy, Nat, New York, N. Y. Scarf holder. 2,065,903; Dec. 29.
Lewis, John B., Cranford, N. J., and J. C. Bird, Germantown, Pa., assignors to Standard Oil Development Company. Soap composition. 2,066,208; Dec. 29.
Lieberknecht, Paul, Einsiedel, near Chemnitz, Germany. Manufacture of hosiery. 2,065,979; Dec. 29.
Liebowitz, Benjamin, assignor to Trubenizing Process Corporation, New York, N. Y. Fold line in wearing apparel. 2,066,293; Dec. 29.
Liebowitz, Benjamin, assignor to Trubenizing Process Corporation, New York, N. Y. Method and apparatus for forming fold lines in collars and like articles. 2,066,294; Dec. 29.
Liebowitz, Benjamin, and A. Moses, assignors to Trubenizing Process Corporation, New York, N. Y. Fold line machine. 2,066,272; Dec. 29.
Lillis, Francis J. (See Kettenring, L. R., and Lillis.)
Lilly, Eli, and Company. (See Shonle, Horace A., assignor.)
Linde, Richard, Hollriegelskreuh by Munich, Germany, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Producing oxygen-enriched mixtures from air. 2,066,115; Dec. 29.
Lindem, Martin, Rock Island, Ill, assignor to National Battery Company, St. Paul, Minn. Storage battery and connection therefor. 2,066,010; Dec. 29.
Lines, Vance, Pasadena, Calif. Sectional curbing. 2,065,861; Dec. 29.
Lingard, Holger, New York, N. Y. Deep hair waving device. 2,066,045; Dec. 29.
Lippoth, John J. (See Keuffel, A. W., and Lippoth.)
Litsey, Doris, Dallas, Tex. Embroiderer. 2,066,116; Dec. 29.
Lloyd, James P. (See Crawford, Roland A., assignor.)
Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,065,592; Dec. 29.
Logan, Henry H. (See Spyker, Jacobus, assignor.)
Long, Bernard, Paris, France, assignor, by mesne assignments, to The American Securit Company. Apparatus for tempering glass. 2,065,862; Dec. 29.
Lorenz C. Aktiengesellschaft. (See Gerth, F., and Kielhorn, assignors.)
Lotsch, John L., Brooklyn, N. Y. Electrolytic device. 2,066,154; Dec. 29.
Lovely, John E., and J. R. Knights, assignors to Jones & Lamson Machine Company, Springfield, Vt. Machine tool. 2,065,816; Dec. 29.
Lubrication Corporation, The. (See Clark, Otto B., assignor.)
Lubs, Herbert A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Water-soluble diazoimino compounds and their production. 2,065,593; Dec. 29.
Luke, John A., Whittier, Calif. Auxiliary hub device. 2,066,046; Dec. 29.
Lurie, David, Joliet, Ill., assignor to American Cynamid & Chemical Corporation, New York, N. Y. Sodium aluminate. 2,066,209; Dec. 29.
Luttmann, William J. (See Du Brul, C. J., and Luttmann.)
Lyda, Erma J. (See Morneautt, L., Lyda, and Niutta.)
Lyman, Wallace R., Springfield, Mass. Circuit control apparatus. 2,065,594; Dec. 29.
Lynch, Albert S., Beaver, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Tubular product and manufacture thereof. 2,065,595; Dec. 29.
Lyon, Alfred J., Dayton, Ohio. Improving aluminum alloy. 2,065,534; Dec. 29.
Lyons, Frank H., Milwaukee, Wis., assignor to E. L. Bruce Company, Memphis, Tenn. Moisture resisting composition for wood and the like. 2,066,295; Dec. 29.
Lyons, Frank H., assignor to E. L. Bruce Company, Memphis, Tenn. Finishing floors. 2,066,296; Dec. 29.
Maccabee, David E., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,065,596; Dec. 29.
Macomic, Chester A. (See White, George H., assignor.)
Madaus Dr. & Co. (See Madaus, Gerhard, assignor.)
Madaus, Gerhard, Dresden, assignor to Dr. Madaus & Co. Radebeul-Dresden, Germany. Preserving vegetable matter. 2,065,863; Dec. 29.
Mader, Lewis H., assignor to Graton & Knight Company, Worcester, Mass. Buckle. 2,065,946; Dec. 29.
Magazine Repeating Razor Company. (See Rodrigues, Octavius V., assignor.)
Maltner, Hermann, Offenbach-on-the-Main, Germany. Pocket lighter. 2,066,210; Dec. 29.
Manly Corporation. (See Centervall, Hugo A., assignor.)
Mantle Lamp Company of America, The. (See Bell, Allan H., assignor.)
Mantle Lamp Company of America, The. (See Whipple, A. D., and Davis, assignors.)
Marcellitti, Pasquale, Elmwood Park, Ill. Pressing machine. 2,066,011; Dec. 29.
Marguerre, Fritz, Mannheim, Germany. Thermodynamic energy storage. 2,065,974; Dec. 29.
Marien, Charles A., assignor to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Piston ring. 2,065,817; Dec. 29.
Marisdale, George, Los Angeles, Calif. Lawn seed and fertilizer distributor. 2,065,717; Dec. 29.
Marrs, George O., Denver, Colo. Recovering flour gold. 2,065,818; Dec. 29.
Martino, Leonardo, Providence, R. I. Starting mechanism. 2,065,948; Dec. 29.
Maschinenfabrik Augsburg-Nürberg, A. G. (See Pielstick, Gustav, assignor.)

Mason, John A., Baltimore, Md., assignor, by mesne assignments, to Koppers Company. Gasholder. 2,066,297; Dec. 29.
Massey Concrete Products Corporation. (See Alexander, Earl C., assignor.)
Master Tire and Rubber Corporation. (See Lerch, W. G., and Bryant, assignors.)
Mastney, Edward J., Berwyn, assignor to Oak Manufacturing Company, Chicago, Ill. Vibrator. 2,065,597; Dec. 29.
Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Receiving system. 2,066,047; Dec. 29.
Maul, Michael, Berlin, Johannisthal, Germany. Translator device for hole combinations. 2,065,864; Dec. 29.
May Oil Burner Corporation. (See Hall, Mora S., assignor.)
Maybach, Karl, Friedrichshofen, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Bodensee, Germany. Clutch and brake device for motor vehicles. 2,065,980; Dec. 29.
Maybach-Motorenbau G. m. b. H. (See Maybach, Karl, assignor.)
Mayer, Randolph H. (See Barret, W. M., and Mayer.)
Mayfield, Evart E., assignor to Hercules Powder Company, Wilmington, Del. Impregnated article. 2,066,117; Dec. 29.
Maynard, William H., assignor to Porter Screen Company, Winooski, Vt. Window ventilator. 2,066,118; Dec. 29.
McBee Company, The. (See Rutkoskie, George A., assignor.)
McCarthy, Joseph A. (See Samter, Samuel L., and M. L., and McCarthy.)
McCarthy, Timothy F., Indiana, Pa. Loading apparatus. 2,065,819; Dec. 29.
McCoy, Aaron E., Malin, Oreg. Tractor. 2,065,598; Dec. 29.
McCreary, Harold J., assignor of one-third to R. G. Richardson, Chicago, Ill. Electron contact relay. 2,066,211; Dec. 29.
McCrery, Harold E., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Weighing apparatus. 2,066,012; Dec. 29.
McHarness, Robert C. (See Calcott, W. S., and McHarness.)
McKay-Clements, John L. C., assignor to The Wabi Iron Works, Limited, New Liskeard, Canada. Tube mill. 2,066,138; Dec. 29.
McKay Company, The. (See Blum, Gustav K., assignor.)
McKay, John A., Coshocton, assignor to Jones Metal Products Company, West Lafayette, Ohio. Reflector. 2,065,599; Dec. 29.
McKellar, Elmore, assignor of one-half to R. R. Cooper, Winnipeg, Manitoba, Canada. Activation of bentonites. 2,066,212; Dec. 29.
Mehaffey, William T., Brooklyn, N. Y. Closure cap for receptacles and bottles. 2,066,183; Dec. 29.
Melling, Arthur E. (See Murphy, E. T., and Melling.)
Mellon, James J., assignor to The Clark Controller Company, Cleveland, Ohio. Power control for machine tools. 2,065,820; Dec. 29.
Menees, Thomas O., and J. D. Miller, Grand Rapids, assignors to The Union Benevolent Association, East Grand Rapids, Mich. Product for use in roentgenography and preparing it. 2,065,718; Dec. 29.
Merchant, William C., Everett, Mass. Treating petroleum products. 2,066,213; Dec. 29.
Merco Nordstrom Valve Company. (See Nordstrom, Sven J., assignor.)
Merriam, Henry F. (See Carter, B. M., and Merriam.)
Messing, Monroe M., New York, N. Y. Lady's garment. 2,066,298; Dec. 29.
Methvin, Wilbur E., Lawrenceburg, Tenn. Turbine. 2,065,865; Dec. 29.
Mettler, Carl, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Manufacture of naphthazarine dyestuffs. 2,066,119; Dec. 29.
Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,065,904; Dec. 29.
Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Internal combustion engine and operating same. 2,065,600; Dec. 29.
Meyer, Andre J., assignor to Continental Motors Corporation, Detroit, Mich. Damping device. 2,065,601; Dec. 29.
Meyer, Andre J., assignor to Continental Motors Corp., Detroit, Mich. Engine. 2,065,602; Dec. 29.
Meyer-Jagenberg, Günther, Dusseldorf, Germany. Manufacturing paper containers. 2,065,975; Dec. 29.
Meyer, Max C., Brooklyn, N. Y. Knitting ball carrier or similar article. 2,066,155; Dec. 29.
Meyer, Raymond W., Champaign, Ill. Razor. 2,066,214; Dec. 29.
Midland Steel Products Company, The. (See Dietrich, Neil T., assignor.)
Mignon, George E., Waverly, near Sidney, New South Wales, Australia. Safety razor and blade therefor. 2,066,215; Dec. 29.
Mijnssen, Jacob W., assignor to Aktiengesellschaft der Eisen und Stahlwerke vormals Georg Fischer, Schaffhouse, Switzerland. Detachable rim for vehicle wheels. 2,065,866; Dec. 29.
Mikeska, Louis A., Elizabeth, N. J., assignor to Standard Oil Development Company. Insecticide and insect repellent and making the same. 2,066,184; Dec. 29.
Miller, Clarence O., and F. A. Stahl, St. Paul, Minn. Wiener roasting device. 2,066,185; Dec. 29.
Miller, Dubrul & Peters Mfg. Co., The. (See Du Brul, C. J., and Luttmann, assignors.)
Miller, Floyd L., Roselle Park, N. J., and A. J. Norway, New York, N. Y., assignors to Standard Oil Development Company. Lubricating composition. 2,066,216; Dec. 29.
Miller, J. Duane. (See Menees, T. O., and Miller.)
Miller, Joseph H., Houston, Tex. Shipping and dispensing can. 2,065,603; Dec. 29.
Miller, Ralph K., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,065,604; Dec. 29.
Miller, William C., and C. W. Kuenzel, assignors to Diebold Safe & Lock Company, Canton, Ohio. Delayed control time lock. 2,065,867; Dec. 29.
Minneapolis-Honeywell Regulator Company. (See Taylor, Daniel G., assignor.)
Minneapolis-Honeywell Regulator Company. (See Uehling, Fritz F., assignor.)
Minneapolis-Honeywell Regulator Company. (See Wattles, Joseph W., 3d, assignor.)
Mitchell, Lewis S. (See Reitz, J. S., and Mitchell.)
Mitchell, Ralph A., Edgeworth, Pa., assignor to The Cleveland Tractor Company. Truing die and method. 2,066,186; Dec. 29.
Moerk, Frank N. (See Arnold, C. R., and Moerk.)
Montgomery Ward & Co. (See Morgan, Louis B., assignor.)
Moo, Gothard T., Auburn, R. I., assignor to Brown and Sharpe Manufacturing Company. Milling machine. 2,066,217; Dec. 29.
Moog, Karl, Obernburg-on-the-Main, Germany, assignor to American Enka Corporation, Enka, N. C. Drying artificial silk packages. 2,065,981; Dec. 29.
Moore Dry Kiln Company of Oregon. (See Fay, Albert T., Jr.)
Moore, Opha, Columbus, Ohio. Negotiable instrument safety paper. 2,065,605; Dec. 29.
Moore, William J., assignor to Edward R. Goble, Chicago, Ill. Fishline. 2,065,606; Dec. 29.
Morch, Jacob J., Port Credit, Ontario, Canada. Crushing and grinding mill. 2,065,821; Dec. 29.
Morgan, Louis B., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Combination razor blade container and dispenser. 2,065,607; Dec. 29.
Morgan, Swiney, O'Fallon, Ill. Burner and manifold assembly. 2,065,719; Dec. 29.
Morgan, William J., Youngstown, Ohio. Adjustable gun butt. 2,066,218; Dec. 29.
Mornenutt, Louis, Brooklyn, N. Y., E. J. Lyda, Youngstown, Ohio, and T. J. Niutta, Brooklyn, N. Y. Automatic heater for motor vehicles. 2,065,720; Dec. 29.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of resins. 2,066,120; Dec. 29.
Morris, Clarence P., Silver Spring, Md. Dispensing device. 2,066,121; Dec. 29.
Morrison, Okey J., Charleston, W. Va. Road divide. 2,066,219; Dec. 29.
Morse, Lawrence H., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Planographic printing machine. 2,065,535; Dec. 29.
Morway, Arnold J. (See Miller, F. L., and Morway.)
Moses, Adolph. (See Liebowitz, B., and Moses.)
Motol, Inc. (See Shinkle, Vincent G., assignor.)
Motor Wheel Corporation. (See Tower, Elmer V. J., assignor.)
Motor Wheel Corporation. (See Van Halteren, Andrew S., assignor.)
Muffly, Glenn, Detroit, Mich. Signaling means. 2,066,156; Dec. 29.
Mullin, Frank B., assignor to Trayer Products Incorporated, Elmira, N. Y. Spring-shackle. 2,065,822; Dec. 29.
Munro, Alexander C., Britannia Beach, British Columbia, Canada. Classification of minerals. 2,065,722; Dec. 29.
Munters, Carl G., assignor to Aktiebolaget Termisk Isolation, Stockholm, Sweden. Heat insulating cabinet. 2,065,608; Dec. 29.
Murphy, Edward T., Chicago, and A. E. Meling, Evanston, Ill., assignors, by mesne assignments, to Carrier Corporation, Newark, N. J. Apparatus for preserving perishables. 2,066,013; Dec. 29.
Mutzbauer, Jakob, New York, N. Y. Harvester. 2,065,721; Dec. 29.
Myllus, Walter G., Summit, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Detachable meter construction. 2,066,299; Dec. 29.
Mylius, Walter G., Summit, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Detachable meter construction. 2,066,300; Dec. 29.
Nagy, Berthold, Ridgewood, N. Y. Bottle crown adhesive feeding device. 2,066,071; Dec. 29.
National Battery Company. (See Lindem, Martin, assignor.)
National Sewing Machine Company. (See Smith, Walter A., assignor.)
Naumkeag Steam Cotton Company. (See Field, Samuel B., assignor.)

Nauth, Raymond, Buffalo, N. Y., assignor, by mesne assignments, to Flexlume Corporation. Electrode for luminous tube and making the same. 2,065,947; Dec. 29.
Neely, Thomas H., Stewart Manor, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,065,905; Dec. 29.
Nelson, Herbert, East Orange, N. J., assignor to Radio Corporation of America. Phototube. 2,065,723; Dec. 29.
New Idea Spreader Company, The. (See Oppenheim, Theodore H., assignor.)
New Jersey Machine Corporation. (See von Hofe, G. W., and Fleischer, assignor.)
New Jersey Zinc Company, The. (See Gearhart, F. B., and Steele, assignors.)
Newkirk, William B. (See Ebert, C., and Newkirk.)
Newkirk, William B., Western Springs, Ill., assignor to International Patents Development Company, Wilmington, Del. Manufacture of dextrose. 2,065,724; Dec. 29.
Newsom, John B., Nevada City, assignor to Idaho Maryland Mines Co., San Francisco, Calif. Core drilling. 2,065,725; Dec. 29.
New York Air Brake Company, The. (See Safford, Lewis A., assignor.)
Niles-Bement-Pond Company. (See Terry, Spencer B., assignor.)
Niutta, Thomas J. (See Mornenutt, L., Lyda, and Niutta.)
Nixon, Thomas H. (See Knox, Harry A., and Hay.)
Nordin, Josef A., assignor to Aktiebolaget Stille-Werner, Stockholm, Sweden. Apparatus for producing artificial breathing or respiration. 2,065,982; Dec. 29.
Nordstrom, Sven J., Piedmont, assignor to Merco Nordstrom Valve Company, San Francisco, Calif. Plug valve. 2,065,726; Dec. 29.
Norman, George E., Omaha, Nebr. Ice creeper. 2,065,727; Dec. 29.
North American Holding Company, et al. (See Avery, Alfred H., assignor.)
North American Holding Company, et al. (See Eaton, Charles F., assignor.)
North American Rayon Corporation. (See Witte, Erhard, assignor.)
North Bros. Mfg. Co. (See Fegley, T. J., and Leopold, assignors.)
Norton Company. (See Lane, Merton B., assignor.)
Nyman, Alexander, Dobbs Ferry, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Television system. 2,066,048; Dec. 29.
Oak Manufacturing Company. (See Mastney, Edward J., assignor.)
Odland, Benjamin R. (See Sherman, Norman H., assignor.)
Ohio Electric Mfg. Co., The. (See Jessop, Francis W., assignor.)
Oliver, Albert V. (See Pomeroy, L. H., and Oliver.)
Olson, John, St. Paul, and R. E. Williamson, Minneapolis, assignors to Shep-Roid, Incorporated, St. Paul, Minn. Side wall for truncated conical container and making the same. 2,065,609; Dec. 29.
Oosterhof, Dirk, Haarlem, C. van Vlodrop, Rotterdam, and H. I. Waterman, Delft, Netherlands, assignors to Imperial Chemical Industries Limited. Removing low molecular glycerides from polymerized oils by distillation. 2,065,728; Dec. 29.
Oppenheim, Theodore H., assignor to The New Idea Spreader Company, Coldwater, Ohio. Winged swinging knife for corn huskers and shreaders. 2,065,868; Dec. 29.
Optical Products Corporation. (See Grossman, Louis, assignor.)
Orcutt, Arthur H., Handsworth, Birmingham, assignor to The Gear Grinding Company, Limited, Birmingham, England. Machine for grinding gear wheels. 2,066,220; Dec. 29.
Otis Elevator Company. (See Levy, Charles H., Jr., assignor.)
Overton, Alan M., Wyoming, and H. C. Fisher, Cincinnati, assignors to The Richardson Company, Lockland, Ohio. Coating and ornamenting paper and the like. 2,065,925; Dec. 29.
Owens, George J., Philip, S. D. Bearing housing for mowers and the like. 2,065,869; Dec. 29.
Oxford Varnish Corporation. (See von Webern, Guido, assignor.)
Packard Motor Car Company. (See Van Ranst, Cornelius W., assignor.)
Page Milk Company, The. (See Fechner, Elmer J., assignor.)
Palombo, Faustino J., Jr. (See Palombo, Faustino J., Sr., and F. J., Jr.)
Palombo, Faustino J., Sr., and F. J., Jr., Garfield Heights, Ohio. Sounding-toy apparatus. 2,065,823; Dec. 29.
Pankonin, William G., Chicago, Ill. Stapling machine. 2,066,157; Dec. 29.
Paris, Guy H., Duluth, Minn. Amplifier. 2,065,610; Dec. 29.
Parker, George K., Escalon, Calif. Method and apparatus for pumping fluids. 2,065,926; Dec. 29.
Parker, Leslie O., and J. T. Fitzsimmons, Anderson, Ind., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Ignition lock. 2,065,906; Dec. 29.
Parr, Harold L., assignor to Parr Instrument Company, Moline, Ill. Oxygen bomb. 2,065,870; Dec. 29.
Parr Instrument Company. (See Parr, Harold L., assignor.)
Parshad Holding Corporation, et al. (See Avery, Alfred H., assignor.)
Parshad Holding Corporation et al. (See Eaton, Charles F., assignor.)
Passek, George C., Hellertown, Pa. Adjustable clamp device for rope and the like. 2,066,049; Dec. 29.
Patent Purchasing Company. (See Tryon, William A., assignor.)
Patera, Eddie, Orient, Iowa. Harvesting machine guard protector. 2,065,729; Dec. 29.
Patterson, Edward B., Merchantville, N. J., assignor to Radio Corporation of America. Projection of moving pictures. 2,066,158; Dec. 29.
Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electromechanical loom stopping mechanism. 2,065,730; Dec. 29.
Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electric warp stop motion for terry towel looms. 2,065,731; Dec. 29.
Payne, Ralph V., Washington, D. C. Hoisting tower. 2,066,221; Dec. 29.
Peace, William, West Hartford, Conn. Strike plate. 2,065,732; Dec. 29.
Peakes, Gilbert L. (See Rossi, L. M., and Peakes.)
Pearson, Arthur, Burley, Idaho. Moss rake for canals. 2,065,733; Dec. 29.
Peerless Ice Machine Company. (See Hoesel, Anthony F., assignor.)
Penn, Olson and Company. (See Jones, William L. M., assignor.)
Perazzoli, Henry J., Philadelphia, Pa. Change speed mechanism. 2,066,050; Dec. 29.
Permutit Company, (1934) The. (See Bowers, Herbert L., assignor.)
Perreault, George E., Bronxville, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Translating device. 2,065,907; Dec. 29.
Peterson, Emil, Jamestown, N. Dak. Combination shaving kit and sharpener. 2,066,222; Dec. 29.
Peterson, John E. (See Weber, Charles H., assignor.)
Pettit, Charles L., Bronxville, N. Y. Window structure. 2,066,051; Dec. 29.
Pfau, George M. (See Strezynski, G. J., and Pfau.)
Pfleiderer, Ernst, Ludwigshafen, Germany, assignor, by mesne assignments, to Diamond Power Specialty Corporation, Detroit, Mich. Soot blower. 2,066,014; Dec. 29.
Philco Radio & Television Corporation. (See Burton, Euclid O., assignor.)
Philipp, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,065,536; Dec. 29.
Philipp, Lawrence A., assignor to Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,065,537; Dec. 29.
Philrand, Inc. (See Rand, James H., assignor.)
Photostat Corporation. (See Landrock, Paul, assignor.)
Pielstick, Gustav, assignor to Maschinenfabrik Augsburg-Nürnberg, A. G., Augsburg, Germany. Coupling. 2,066,223; Dec. 29.
Pielstick, Gustav, assignor to Maschinenfabrik Augsburg-Nürnberg, A. G., Angsburg, Germany. Vibration damper for shafts. 2,066,224; Dec. 29.
Pierce, James B., Jr., assignor to Barium Reduction Corporation, Charleston, W. Va. Manufacture of peroxide. 2,066,015; Dec. 29.
Pierce, John B., Foundation. (See Groeniger, William C., assignor.)
Pierson, Harold L., Auburn, N. Y. Pattern. 2,065,734; Dec. 29.
Pihl, Sophus E., Dorcester, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Cover and like fastener installation and fastener for the same. 2,065,908; Dec. 29.
Piron, Emil H., Highland Park, Mich., assignor, by mesne assignments, to Transit Research Corporation, New York, N. Y. Spring device. 2,066,187; Dec. 29.
Pittsburgh Crucible Steel Company. (See Ferm, John F., assignor.)
Plack, Frank F., assignor to The Dickey-Grabler Company, Cleveland, Ohio. Handle construction. 2,066,301; 2,066,301; Dec. 29.
Plass, Robert H., Upper Montclair, N. J. Card dealing machine. 2,065,824; Dec. 29.
Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Expansion joint. 2,066,052; Dec. 29.
Pneumatic Scale Corporation, Limited. (See Everett, Arthur C., assignor.)
Podmore, Arthur, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Apparatus for cutting tobacco and the like. 2,066,053; Dec. 29.
Pomeroy, Laurence H., Leamington, and A. V. Oliver, Coventry, assignors to The Daimler Company Limited, Coventry, England. Band brake. 2,066,308; Dec. 29.
Pope Machinery Corporation. (See Brooks, W. C., and Staples, assignors.)
Porter Screen Company. (See Maynard, William H., assignor.)
Post, Charles E., Brooklyn, assignor of one-half to E. L. Delyra, and one-half to A. Kaufman, New York, N. Y. Deflector ball game. 2,066,159; Dec. 29.
Postel, Carl. (See Vandegrift, J. N., and Postel.)

Powell, Victor T., Sacramento, Calif. Carpenter's garment. 2,066,072; Dec. 29.

Preddey, Walter G., San Francisco, Calif. Alternating current lamp. 2,065,735; Dec. 29.

Pressed Steel Company of Great Britain Limited, The. (See Swallow, William, assignor.)

Priestley, William J., New Rochelle, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Surface alloyed casting. 2,066,054; Dec. 29.

Procter & Gambel Company, The. (See Eckey, E. W., and Clark, assignors.)

Protectoseal Company of America. (See Anschicks, Rudolph J., assignor.)

Pruzan, Barney, New York, N. Y., assignor to Ranger Fastener Corp. Safety removable fastener slide. 2,065,736; Dec. 29.

Pryale, Harry M., and S. C. Clark, and D. R. Cotterman, Pontiac, Mich. Saddle seat. 2,066,225; Dec. 29.

Przyborowski, Stanislaus, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Automobile radiator. 2,066,279; Dec. 29.

Pulleyblank, Harper E., assignor to Gemmer Manufacturing Company, Detroit, Mich. Steering mechanism. 2,065,611; Dec. 29.

Pulmosan Safety Equipment Corporation. (See Wahlert, Frederick, assignor.)

Pyrene Manufacturing Company. (See King, Edwin C. F., assignor.)

Quisling, Sverre, Madison, Wis., assignor to Hookless Fastener Company, Meadville, Pa. Separable fastener. 2,066,062; Dec. 29.

Radio Corporation of America. (See Ballantine, Stuart, assignor.)

Radio Corporation of America. (See Barton, Loy E., assignor.)

Radio Corporation of America. (See Braaten, Arthur M., assignor.)

Radio Corporation of America. (See Braden, Rene A., assignor.)

Radio Corporation of America. (See Carlson, Wendell L., assignor.)

Radio Corporation of America. (See Collins, Milford E., assignor.)

Radio Corporation of America. (See Crosby, Murray G., assignor.)

Radio Corporation of America. (See Dreyer, Karl, assignor.)

Radio Corporation of America. (See Essig, Sanford F., assignor.)

Radio Corporation of America. (See Farnham, Paul O., assignor.)

Radio Corporation of America. (See Hansell, Clarence W., assignor.)

Radio Corporation of America. (See Herold, Edward W., assignor.)

Radio Corporation of America. (See Hopkins, Alva R., assignor.)

Radio Corporation of America. (See Leverenz, Humboldt W., assignor.)

Radio Corporation of America. (See Mathes, Richard E., assignor.)

Radio Corporation of America. (See Nelson, Herbert, assignor.)

Radio Corporation of America. (See Nyman, Alexander, assignor.)

Radio Corporation of America. (See Patterson, Edward B., assignor.)

Radio Corporation of America. (See Scheldorf, Marvel W., assignor.)

Radio Corporation of America. (See Shepard, Francis H., Jr., assignor.)

Radio Corporation of America. (See Snow, Harold A., assignor.)

Radio Corporation of America. (See Teves, Marten C., assignor.)

Radio Corporation of America. (See Usselman, George L., assignor.)

Raffold Process Corporation. (See Brooks, A. M., and Rafton, assignors.)

Rafton, Harold R. (See Brooks, A. M., and Rafton.)

Railway and Industrial Engineering Company. (See Kirk, Ralph L., assignor.)

Ramsey Accessories Manufacturing Corporation. (See Marien, Charles A., assignor.)

Ramsey, Fred J., Harrisburg, Pa. Hydraulic transmission. 2,065,737; Dec. 29.

Rand, James H., assignor to Philrand, Inc., North Falmouth, Mass. Index card and system. 2,065,738; Dec. 29.

Ranger Fastener Corp. (See Pruzan, Barney, assignor.)

Rasmussen, John, Denver, Colo. Rock crusher. 2,065,612; Dec. 29.

Ravelo, Raimundo, Ferrum, Va. Valved coupling. 2,066,122; Dec. 29.

Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Roller cutter and spindle assembly for earth boring drills. 2,065,739; Dec. 29.

Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Cutter, spindle and antifriction assembly for earth boring drills. 2,065,740; Dec. 29.

Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Cutter spindle and antifriction bearing assembly. 2,065,741; Dec. 29.

Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Roller cutter spindle and bearing assembly for earth boring drills. 2,065,742; Dec. 29.

Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Roller bit. 2,065,743; Dec. 29.

Reese, Frank, assignor to Reese Metal Weather Strip Co., Minneapolis, Minn. Weather strip. 2,066,188; Dec. 29.

Reese Metal Weather Strip Co. (See Reese, Frank, assignor.)

Reeves, Donald H., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,065,538; Dec. 29.

Rehfus, Wilhelm, Stuttgart, Germany. Air and like filter. 2,065,871; Dec. 29.

Reichel, John, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Lyophilic biologically active substances, and producing the same. 2,066,302; Dec. 29.

Reichert, Joseph S., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Direct process for making sodium perborate. 2,065,744; Dec. 29.

Reid, Edgar E., Lencross, Saskachewan, Canada. Cabinet section. 2,065,983; Dec. 29.

Reilly, Alfred F., North Attleboro, Mass., assignor to Evans Case Company. Vanity case construction. 2,066,226; Dec. 29.

Reis, John P. (See Harrall, E. R., and Reis.)

Reisert, Fred W., Monmouth Junction, N. J. Rear vision device for vehicles. 2,065,745; Dec. 29.

Reliance Gauge Column Company, The. (See Brown, John R., assignor.)

Remington Arms Company. (See Weale, Alfred, assignor.)

Reppe, Walter, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Vinyl esters of carboxylic acids and their production. 2,066,075; Dec. 29.

Reppe, Walter, and W. Wolff, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing vinyl ethers. 2,066,076; Dec. 29.

Reppe, Walter, and E. Keyssner, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of N-vinyl compounds. 2,066,160; Dec. 29.

Republic Steel Corporation. (See Burke, Earl L., assignor.)

Re Qua, Frederick L., assignor to Steel-Weld Equipment Corporation Ltd., San Francisco, Calif. Welding apparatus. 2,066,123; Dec. 29.

Respro Inc. (See Hanley, Albert J., assignor.)

Reukauf, Edward, Jr., and W. J. Stuber, assignor to Carey-McFall Co., Philadelphia, Pa. Awning frame. 2,066,227; Dec. 29.

Ricardo, Harry R., London, England. Internal combustion engine of the liquid fuel injection type. 2,066,228; Dec. 29.

Rice, Edward, Jr., Croton-on-Hudson, New York, assignor to International Carbonic, Inc., Wilmington, Del. Refrigeration. 2,065,984; Dec. 29.

Rice, Edward, Jr., assignor to International Carbonic, Inc., New York, N. Y. Method and apparatus for refrigeration. 2,065,985; Dec. 29.

Rice, Edward, Jr., assignor to International Carbonic, Inc., New York, N. Y. Apparatus for refrigeration. 2,065,986; Dec. 29.

Rice, Edward, Jr., assignor to International Carbonic, Inc., New York, N. Y. Apparatus for refrigeration. 2,065,987; Dec. 29.

Richardson Company, The. (See Overton, A. M., and Fisher, assignors.)

Richardson, Rodney G. (See McCreary, Harold J., assignor.)

Ridley, William, Beeston, Nottingham, and P. H. Wilson, Nottingham, England. Manufacture of unchilled metallic castings by the centrifugal casting process. 2,066,229; Dec. 29.

Riederer, Willibald, New York, N. Y. Paste dispenser. 2,065,825; Dec. 29.

Riley Stoker Corporation. (See Blodgett, Albert G., assignor.)

Rime-Bruneau, Paul, assignor to the firm Societe D'Exploitation des Procedes Dabeg, Paris, France. Controlling device for rotating shafts. 2,065,648; Dec. 29.

Rinker, Arthur E., Compton, Calif. Refrigerator cabinet. 2,066,124; Dec. 29.

Ritz-Wolter, Oliver C., Chicago, Ill. Make-up mirror. 2,066,055; Dec. 29.

Rivett Lathe and Grinder, Inc. (See Blanchard, Frederick C., assignor.)

Roberts, John H., Sydney, New South Wales, assignor to D. & W. Murray Limited, Sydney, Australia. Busk for corsets. 2,066,230; Dec. 29.

Robertson, H. H., Company. (See Black, George E., assignor.)

Robertson, H. H., Company. (See Young, James H., and Black, assignors.)

Robertson, William W., Northboro, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Rope drum for axminster looms. 2,065,746; Dec. 29.

Robertson, William W., Northboro, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Axminster loom. 2,065,747; Dec. 29.

Robinson, Albert E., assignor to The American Tool Works Company, Cincinnati, Ohio. Safety device for elevating or translating mechanism. 2,066,073; Dec. 29.

Rockwell, Edward A., Chicago, Ill., assignor, by mesne assignments, to General Auto Parts Corporation. Fluid pressure throttle control for engines. 2,065,909; Dec. 29.

Rockwell, Walter S., Charleroi, Pa. Sign. 2,065,872; Dec. 29.

Rodrigues, Octavius V., Passaic, N. J., assignor to Magazine Repeating Razor Company, New York, N. Y. Razor and blade magazine therefor. 2,065,748; Dec. 29.

Roessler, Edward W., Nutley, N. J., assignor to General Electric Company. Reversible refrigerating system. 2,066,161; Dec. 29.

Roethel, John H., Detroit, Mich. Window regulator. 2,066,056; Dec. 29.

Roethel, John H., Detroit, Mich. Window regulator. 2,066,057; Dec. 29.

Roosenstein, Hans O., and W. Runge, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Signaling. 2,065,826; Dec. 29.

Ross Heater & Mfg. Co. Inc. (See Graham, Harold M., assignor.)

Rossi, Louis M., Perth Amboy, and G. L. Peakes, Metuchen, N. J., assignor to Bakelite Corporation, New York, N. Y. Method and device for testing heat sensitive plastics. 2,066,016; Dec. 29.

Rowe, Fred H., et al. (See Chandler, Daniel L., assignor.)

Rozenbroek, Meindert D., Delden, Twenthe, Overijsel, Netherlands. Manufacturing mixed ethers of higher alcohols with polar groups and application of the same for textile purposes. 2,066,125; Dec. 29.

Ruff, Alonzo W., assignor to York Ice Machinery Corporation, York, Pa. Heating and ventilation. 2,065,873; Dec. 29.

Runge, Wilhelm. (See Roosenstein, H. O., and Runge.)

Russo, Dominick, Boston, Mass. Shoe press. 2,065,613; Dec. 29.

Rutkoskie, George A., assignor to The McBee Company, Athens, Ohio. Platen job press of the revolving disk type. 2,065,749; Dec. 29.

Ryan, Lonnie W., Westfield, and W. J. Cauwenberg, Elizabeth, assignors to United Color & Pigment Company, Inc., Newark, N. J. Manufacture of composite titanium pigments. 2,066,074; Dec. 29.

Rybeck, Adolph W., assignor to The T. L. Smith Company, Milwaukee, Wis. Vibrator for mixers. 2,065,827; Dec. 29.

Safford, Lewis A., Watertown, N. Y., assignor to The New York Air Brake Company. Angle cock. 2,065,750; Dec. 29.

Salmons, Arthur J. L. (See Salmons, G., and Dalby-Balls, assignors.)

Salmons, Greege, and A. H. Dalby-Balls, Newport, Pagnell, England; said Dalby-Balls assignor to A. J. L. Salmons, Newport, Pagnell, Buckinghamshire, England. Hood fitting for motor and other vehicles. 2,066,231; Dec. 29.

Salvio, Salvatore R., New York, N. Y. Hair curler with electric attachment. 2,065,874; Dec. 29.

Samter, Maurice L. (See Samter, Samuel L. and M. L., and McCarthy.)

Samter, Samuel L. and M. L., and J. A. McCarthy, San Francisco, Calif., assignors, by mesne assignments, to M. L. and S. L. Samter. Four-in-hand necktie. 2,066,126; Dec. 29.

Sand, Charles H., Jr., Willoughby, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Multiple column listing device. 2,065,539; Dec. 29.

Sandell, Harry J., Ashby, Minn. Beer cooling and dispensing system. 2,065,949; Dec. 29.

Sanford, Roy S., South Bend, Ind., and F. L. O. Wadsworth, East Liberty, Pa., assignors to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,066,077; Dec. 29.

Sargent & Company. (See Stilson, Alec Y., assignor.)

Sargent, Ralph M., Franklin Park, Mass. Utensil support. 2,065,875; Dec. 29.

Scarlats, Samuel, et al. (See Schmidt, Louis D., assignor.)

Scheldorf, Marvel W., Haddon Heights, N. J., assignor to Radio Corporation of America. Acoustic resistance device. 2,065,751; Dec. 29.

Schlage Lock Company. (See Schlage, Walter R., assignor.)

Schlage, Walter R., assignor to Schlage Lock Company, San Francisco, Calif. Lock. 2,065,615; Dec. 29.

Schmeiser, Theodore G., Fresno, Calif. Automobile dressing tent. 2,066,078; Dec. 29.

Schmidt, John, Buffalo, N. Y., assignor to Food Machinery Corporation, San Jose, Calif. Food treating apparatus. 2,065,752; Dec. 29.

Schmidt, Louis D., assignor of one-third to Spiro Gotses and one-third to S. Scarlats, Fairmont, W. Va. Washing machine. 2,066,232; Dec. 29.

Schmidt, Richard. (See Eggert, J., and Schmidt.)

Schmitter, Walter P., and L. A. Graham, Milwaukee, Wis. Multispeed geared motor. 2,065,753; Dec. 29.

Schneider, Helmuth G., Elizabeth, N. J., assignor to Standard Oil Development Company. Production of oxygenated organic compounds from unsaturated hydrocarbons. 2,065,540; Dec. 29.

Schnur, Jacob, assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Box lining machine. 2,065,828; Dec. 29.

Schoenberger, W. J., Company, The. (See Smith, Charles C., assignor.)

Schramm, Carl, North Coventry, assignor to The Smyth Manufacturing Company, Hartford, Conn. Stitching neckties. 2,065,754; Dec. 29.

Schröter, Fritz. (See von Arco, G., and Schröter.)

Schulz, Walter F., assignor to Truscon Steel Company, Youngstown, Ohio. Refrigerator shelf. 2,066,303; Dec. 29.

Schwab, Martin C., Chicago, Ill. Liquid dispensing apparatus. 2,065,829; Dec. 29.

Schwarz, Elmer H., Detroit, Mich. Smoker's pipe. 2,065,755; Dec. 29.

Schweitzer & Conrad, Inc. (See Triplett, Hugh A., assignor.)

Scott, Norman D., Sanborn, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenated esters. 2,065,756; Dec. 29.

Scott, Thomas R., and J. K. Webb, Aldwych, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Impregnation of electric cables. 2,065,927; Dec. 29.

Scott, Walter M., Wellesley, assignor, by mesne assignments, to E. M. Carsley, Boston, Mass. Manufacture of cellular products. 2,065,757; Dec. 29.

Scribner, William L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Telltale roller bearing construction. 2,065,614; Dec. 29.

Seaman, William, Glens Falls, N. Y., and J. R. Huffman, Elizabeth, N. J., assignors to Standard Oil Development Company. Production of thioethers from mercaptans. 2,066,189; Dec. 29.

Shaffer, John C., and R. E. Lee, Coleman; said R. E. Lee, assignor to M. L. Shaffer, Corpus Christi, Tex. Well pump. 2,065,541; Dec. 29.

Shaffer, Margaret L. (See Shaffer, J. C., and Lee, assignor.)

Sharp & Dohme, Incorporated. (See Johnson, Treat B., assignor.)

Sharp & Dohme, Incorporated. (See Reichel, John, assignor.)

Sheehan, William M., Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Draft and buffing device. 2,065,616; Dec. 29.

Sheldon, Howard W., Haddonfield, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Recovery of sulphuric acid. 2,065,617; Dec. 29.

Shepard, Francis H., Jr., Rutherford, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Light responsive device. 2,065,758; Dec. 29.

Shep-Rold, Incorporated. (See Olson, J., and Williamson, assignors.)

Sherman, Norman H., assignor of one-half to B. R. Odland, Toledo, Ohio. Lawn rake. 2,065,830; Dec. 29.

Sherwood, Charles F., Chicago, assignor of thirty-five per cent to J. A. Diemer, Evanston, Ill., and sixty-five per cent to Hansen Rubber Products Company. Metal and producing the same. 2,065,618; Dec. 29.

Shields, Robert A., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. End construction for mine cars. 2,065,759; Dec. 29.

Shinkle, Vincent G., assignor to Motol, Inc., New York, N. Y. Oil purification and fractionation and apparatus for same. 2,065,619; Dec. 29.

Shively, John J., Bronxville, N. Y. Multispeed power transmitting device. 2,065,620; Dec. 29.

Shoe Form Co. Inc. (See De Witt, William J., assignor.)

Shonle, Horace A., assignor to Eli Lilly and Company, Indianapolis, Ind. Saturated-branched-chain-primary-alkyl ethyl barbuturic compound. 2,066,280; Dec. 29.

Shoub, Hyman L., Brooklyn, assignor to The Starchless Curtain Perfector Institute, New York, N. Y. Textile fabric and its manufacture. 2,066,079; Dec. 29.

Shurback, Samuel, North Kansas City, Mo., assignor to International Patents Development Company, Wilmington, Del. Feeding apparatus for starch tables. 2,066,142; Dec. 29.

Siegfried, Jacob, Fuquay Springs, N. C. Motor vehicle lighting system. 2,065,876; Dec. 29.

Simmons, Dual L. (See Simmons, Oliver G., assignor.)

Simmons, Elizabeth D., executrix. (See Simmons, Ralph C.)

Simmons, Oliver G., Lakewood, Ohio, assignor, by mesne assignments, to D. L. Simmons. Method of and apparatus for generating curved surfaces on gear shaped cutters and the like. 2,065,950; Dec. 29.

Simmons, Ralph C., deceased, by E. D. Simmons, executrix, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon sheet materials. 2,065,621; Dec. 29.

Simpson, Ray, River Forest, Ill. Battery tester. 2,066,058; Dec. 29.

Sinclair, Charles W., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,066,233; Dec. 29.

Sipe, Harry E., New York, N. Y., assignor to Hookless Fastener Company. Separable interlocking fastener. 2,066,060; Dec. 29.
Slayter, Games, Newark, Ohio, assignor to Games Slayter, Inc., Detroit, Mich. Electrical heating system. 2,066,127; Dec. 29.
Slayter, Games, Inc. (See Slayter, Games, assignor.)
Sloane, Reginald G., and J. I. Wasson, Elizabeth, N. J., assignors to Standard Oil Development Company. Motor fuel. 2,066,234; Dec. 29.
Smidth, F. L. & Co. (See Vogel-Jorgensen, Mikael, assignor.)
Smilack, Jacob, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,066,235; Dec. 29.
Smith, Carl H., Chicago, Ill. Costumer. 2,065,622; Dec. 29.
Smith, Charles A. (See Kenner, A., and Smith.)
Smith, Charles C., assignor, by mesne assignments, to The W. J. Schoenberger Company, Cleveland, Ohio. Producing hollow article. 2,066,304; Dec. 29.
Smith, Charles S. (See Black, J. E., and Smith.)
Smith, Earl K. (See Edwards, D. V., and Smith.)
Smith, Gertrude L., Los Angeles, Calif. Lingerie strap holder. 2,065,851; Dec. 29.
Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,065,542; Dec. 29.
Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,065,543; Dec. 29.
Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,066,236; Dec. 29.
Smith, Harry S., Mineola, N. Y. Weatherproofing of walls. 2,065,623; Dec. 29.
Smith, John H., Camp Hill, Pa. Electrical heating device. 2,065,760; Dec. 29.
Smith, Sanford H., San Francisco, Calif. Cutting and beveling tool. 2,065,761; Dec. 29.
Smith, T. L., Company, The. (See Rybeck, Adolph W., assignor.)
Smith, Walter A., assignor to National Sewing Machine Company, Belvidere, Ill. Sewing machine support. 2,066,017; Dec. 29.
Smith, Walter A., assignor to National Sewing Machine Company, Belvidere, Ill. Sewing machine support. 2,066,018; Dec. 29.
Smyth Manufacturing Company, The. (See Schramm, Carl, assignor.)
Snow, Harold A., Mountain Lakes, N. J., assignor to Radio Corporation of America. Automatic volume control circuits. 2,065,910; Dec. 29.
Societe D'Exploitation Des Procedes Dubeg, The Firm. (See Rime-Bruneau, Paul, assignor.)
Society of Chemical Industrie in Basel. (See Ronhôte, G., and Apotheker, assignors.)
Society of Chemical Industry in Basle. (See Kern, Walter, assignor.)
Socony-Vacuum Oil Company Incorporated. (See Beard, Leslie C., Jr., assignor.)
Socony-Vacuum Oil Company. (See Sheldon, Howard W., assignor.)
Sowter, Percy F. C. (See Dickie, W. A., and Sowter.)
Spaulding Fibre Co. Inc., (See Boyle, W. E., and Van Lear.)
Spencer, John A., Newtonville, assignor to General Plate Company, Attleboro, Mass. Thermostatic control. 2,066,162; Dec. 29.
Sperry, Elmer A., Jr., assignor to Sperry Products, Inc., Brooklyn, N. Y. Testing lubricants. 2,065,625; Dec. 29.
Sperry Gyroscope Company. (See Bassett, P. R., and Carlson, assignors.)
Sperry Gyroscope Company. (See Bates, Mortimer F., assignor.)
Sperry Products, Inc. (See Sperry, Elmer A., Jr., assignor.)
Sperti, George, Covington, Ky., assignor to Sperti Lamp Corporation, New York, N. Y. Lamp. 2,065,988; Dec. 29.
Sperti Lamp Corporation. (See Sperti, George, assignor.)
Spiess, Georg, Leipzig, Germany. Folding attachment. 2,065,989; Dec. 29.
Spine, Charles R., and L. Calaluca, Somerville, N. J. Shelf for gas ovens. 2,066,237; Dec. 29.
Spoor, Bessie D. L., administratrix. (See Laughlin, Elmyr A.)
Spyker, Geertruy E., executrix. (See Spyker, Jacobus.)
Spyker, Jacobus, Amsterdam, Netherlands, Geertruy E. Spyker, executrix of said Jacobus Spyker, deceased, assignor to Henry H. Logan, Chicago, Ill. Hydraulic shock absorber system. 2,065,832; Dec. 29.
Stahl, Fred A. (See Miller, C. O., and Stahl.)
Standard Oil Company. (See Hilliker, William P., assignor.)
Standard Oil Development Company. (See Buc, Hyym E., assignor.)
Standard Oil Development Company. (See Buttari, Raul L., assignor.)
Standard Oil Development Company. (See Cannon, George K., assignor.)
Standard Oil Development Company. (See Eberle, W. A., and Hopkins, assignors.)
Standard Oil Development Company. (See Lewis, J. B., and Bird, assignors.)
Standard Oil Development Company. (See Mikeska, Louis A., assignor.)
Standard Oil Development Company. (See Miller, F. L., and Morway, assignors.)
Standard Oil Development Company. (See Schneider, Helmuth G., assignor.)
Standard Oil Development Company. (See Seaman, W., and Huffman, assignors.)
Standard Oil Development Company. (See Sloane, R. G., and Wasson, assignors.)
Standard Oil Development Company. (See Turner, Luther B., assignor.)
Stanley, Edmund, Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of finely divided material. 2,065,762; Dec. 29.
Staples, John W. (See Brooks, W. C., and Staples.)
Starchless Curtain Perfector Institute, The. (See Shoub, Hyman L., assignor.)
Staude, Edwin G., Minneapolis, Minn. Power amplifying device. 2,065,911; Dec. 29.
Staude, Edwin G., Minneapolis, Minn. Pump construction. 2,065,912; Dec. 29.
Steel Stamping Company, The. (See Bregman, Harry, assignor.)
Steele, Frederick A. (See Gearhart, F. R., and Steele.)
Steel-Weld Equipment Corporation Ltd. (See ReQua, Frederick L., assignor.)
Stephens, Robert M., Scotia, and V. J. Chapman, Schenectady, N. Y., assignors to General Electric Company. Welding apparatus. 2,066,163; Dec. 29.
Still, Carl Gesellschaft mit beschränkter Haftung. (See Breitbach, Fritz, assignor.)
Stilson, Alec Y., assignor to Sargent & Company, New Haven, Conn. Casket handle. 2,065,764; Dec. 29.
Stilson, Herbert A., et al. (See Houtsinger, Henry J., assignor.)
Stimmel, Edgar P. (See Dempsey, H. C., and Stimmel.)
Stone, William A., Kalamazoo, Mich. Lighting fixture. 2,065,626; Dec. 29.
Strand, Steen. (See Thorp, J. R., and Strand.)
Stratton, Carl H. (See Dunlap, S. T., and Stratton.)
Stratton, James L., and A. J. Henry, Oklahoma City, Okla. Slidable tipple platform for vehicles. 2,065,833; Dec. 29.
Strezynski, George J., Poughkeepsie, assignor to The De Laval Separating Company, New York, N. Y. Purifying and dewaxing mineral oils. 2,066,164; Dec. 29.
Strezynski, George J., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Purifying and dewaxing mineral oils. 2,066,165; Dec. 29.
Strezynski, George J., Poughkeepsie, N. Y., and G. N. Pfau, Fort Worth, Tex., assignors to The De Laval Separator Company, New York, N. Y. Treating a cold mixture of acid sludge, oil, and wax. 2,066,166; Dec. 29.
Stroberg, Emory S., Macon, Ga. Lock structure. 2,066,080; Dec. 29.
Strong, Carll W., Watchung, N. J. Nut shelling machine. 2,065,544; Dec. 29.
Stuber, Walter J. (See Renkauf, E., Jr., and Stuber.)
Stuckl, Arnold, Pittsburgh, Pa. Slide bearing. 2,065,763; Dec. 29.
Sturtevant, B. F., Company. (See Leonard, Merton S., assignor.)
Sullivan Machinery Company. (See Joy, Joseph F., assignor.)
Summers, Frank, Memphis, Tenn. Score board. 2,065,624; Dec. 29.
Sundback, Gideon, Meadville, Pa., assignor to Hookless Fastener Company, Meadville, Pa. Separable fastener. 2,066,059; Dec. 29.
Sundback, Gideon, Meadville, Pa., assignor to Hookless Fastener Company, Meadville, Pa. Slider for slide fasteners. 2,066,061; Dec. 29.
Superheater Company, The. (See Wood, John E., assignor.)
Suplin, Walter T., Manchester, Conn. Game device. 2,066,238; Dec. 29.
Swallow, William, Headington, Oxford, England, assignor to The Pressed Steel Company of Great Britain Limited, Cowley, Oxford, England. Vehicle chassis frame. 2,066,019; Dec. 29.
Swars, Paul G., Larchmont, N. Y. Apparatus for heating water. 2,066,190; Dec. 29.
Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Electrical protective system. 2,065,765; Dec. 29.
Swartz, Guy E., Detroit, Mich. Shaft operating and locking device. 2,066,167; Dec. 29.
Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Water pump. 2,065,834; Dec. 29.
Tahsler, Richard G., Cleveland, Ohio. Dancing doll toy. 2,066,239; Dec. 29.
Talking Weighing Machine Company, The. (See Brown, Frederick, assignor.)
Tanaka, Soai, Sakyo-Ku, Kyoto, Japan. Manufacturing a cotton fiber-like material from straw. 2,065,877; Dec. 29.
Taylor, Charles H., North Canton, Ohio. Heat treating and torch therefor. 2,065,627; Dec. 29.

Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control method and means. 2,065,835; Dec. 29.
Taylor, Edward H. (See Taylor, James H., and E. H.)
Taylor Instrument Companies. (See Hubbard, Karl H., assignor.)
Taylor, James H. and E. H., Oak Park, Ill. Valve construction. 2,065,628; Dec. 29.
Taylor, William L., Spondon, near Darby, England, assignor to Celanese Corporation. Manufacture of artificial products. 2,065,766; Dec. 29.
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Berndt, W., and Gothe, assignors.)
Telefunken Gesellschaft für drahtlose Telegraphie m. b. H. (See Roosenstein, H. O., and Runge, assignors.)
Telefunken Gesellschaft fur Drahtlose Telegraphie, G. m. b. H. (See von Arco, G., and Schröter, assignors.)
Telephonics Corporation. (See Weidenman, William T., assignor.)
Teleradio Engineering Corporation. (See Ketchan, Lyman G., assignor.)
Terry, Spencer B., West Hartford, Conn., assignor, by mesne assignments, to Niles-Bement-Pond Company, New York, N. Y. Comparator. 2,065,951; Dec. 29.
Teves, Marten C., Eindhoven, Netherlands, assignor to Radio Corporation of America. Phototube. 2,066,081; Dec. 29.
Thacker, William T., Greenville, S. C. Rocker stud bearing. 2,066,240; Dec. 29.
Thayer, Paul M., Milwaukee, Wis. Method and apparatus for filtering sewage. 2,065,836; Dec. 29.
Thieme, Otto, Hartford, Conn., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,066,128; Dec. 29.
Thomas, Willis P., Highland Park, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Soot blower. 2,066,020; Dec. 29.
Thompson, Frank E. (See Leavitt, Harry W., assignor.)
Thompson Products Incorporated. (See Colwell, Archie T., assignor.)
Thompson Products Incorporated. (See Hufferd, George H., assignor.)
Thompson, Russell G., Rochester, N. Y., assignor to Underwood Elliott Fisher Company. Typewriting machine. 2,065,629; Dec. 29.
Thompson, Seth W., Essex Fells, N. J. Drive for individually sprung wheels. 2,065,767; Dec. 29.
Thomson, Arthur A. B., Winchester, and Geoffrey H. Cooke, London, England. Mechanism for carrying or releasing loads from aircraft. 2,065,990; Dec. 29.
Thorp, Joel R., and S. Strand, assignors to The Fulton Company, West Allis, Wis. Brake extension lever. 2,065,837; Dec. 29.
Timian, Harold H., and E. R. Jacoby, assignors to Continental Motors Corporation, Detroit, Mich. Engine. 2,065,630; Dec. 29.
Timken-Detroit Axle Company, The. (See Davis, Charles C., assignor.)
Timken Michigan Company. (See Clark, Eldon S., assignor.)
Timken Roller Bearing Company, The. (See Scribner, William L., assignor.)
Timken Roller Bearing Company, The. (See Weinert, Carl R., assignor.)
Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Instrument panel. 2,066,021; Dec. 29.
Tobin, Kenneth J., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Flexible car roof. 2,065,838; Dec. 29.
Todd, Warren H. (See Clark, A. J., and Todd.)
Toren, Joseph, Chicago, Ill. Door locking means. 2,065,839; Dec. 29.
Towart, Archie, Jr. (See Hill, V. J., Jr., Heigis, and Towart.)
Tower, Elmer V. J., assignor to Motor Wheel Corporation, Lansing, Mich. Clutch construction. 2,065,631; Dec. 29.
Trafton, Ernest E., Boston, Mass., assignor to Avite Products, Inc., Charlestown, Mass. Filter. 2,065,768; Dec. 29.
Transit Research Corporation. (See Piron, Emil H., assignor.)
Trattner, George, New York, and C. E. Kovách, Brooklyn, N. Y., said Kovách, assignor to said Trattner. Tooth brush. 2,066,241; Dec. 29.
Trautmann, Otto E., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Adjustable support. 2,065,952; Dec. 29.
Travilla, James C. Jr., Philadelphia, Pa., assignor to Granite Steel Castings Corporation, Granite City, Ill. Locomotive structure. 2,065,632; Dec. 29.
Trayer Products Incorporated. (See Mullin, Frank B., assignor.)
Traylor Engineering & Manufacturing Company. (See Traylor, S. W., Jr., and Beyhl, assignors.)
Traylor, Samuel W., Jr., and E. H. Beyhl, assignors to Traylor Engineering & Manufacturing Company, Allentown, Pa. Gyratory crusher. 2,066,281; Dec. 29.
Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse. 2,066,129; Dec. 29.
Trubenizing Process Corporation. (See Llebowitz, Benjamin, assignor.)
Trubenizing Process Corporation. (See Liebowitz, B., and Moses, assignor.)
Truscon Steel Company. (See Schulz, Walter F., assignor.)
Trussell, Emory H., assignor to Beckwith-Chandler Company, Newark, N. J. Coated object and making the same. 2,065,769; Dec. 29.
Tryon, William A., assignor to Patent Purchasing Company, Elmira, N. Y. Wear compensating spring shackle. 2,065,840; Dec. 29.
Turner, Luther B., Elizabeth, N. J., assignor to Standard Oil Development Company. Preparation of olefinic thioethers. 2,066,191; Dec. 29.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom with shuttle boxes which shift to detect weft. 2,065,770; Dec. 29.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle changing loom. 2,065,771; Dec. 29.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom transfer revoking mechanism. 2,065,772; Dec. 29.
Tyman, Frank, and D. H. Follett, assignors to Adam Hilger Limited, London, England. Apparatus for investigating absorption spectra of substances. 2,065,953; Dec. 29.
Uehling, Fritz F., Passaic, N. J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic temperature control apparatus. 2,065,841; Dec. 29.
Underwood Elliott Fisher Company. (See Thieme, Otto, assignor.)
Underwood Elliott Fisher Company. (See Thompson, Russell G., assignor.)
Union Benevolent Association, The. (See Menees, T. O., and Miller, assignors.)
Union Carbide and Carbon Company. (See Heise, George W., assignor.)
Union Carbide and Carbon Company. (See Kreng, Malcolm G., assignor.)
Union Carbide and Carbon Corporation. (See Linde, Richard, assignor.)
Union Carbide and Carbon Corporation. (See Priestley, William J., assignor.)
Union Iron Works. (See Dempsey, H. C., and Stimmel, assignors.)
Union Sulphur Company, The. (See Keever, William R., assignor.)
United Carbon Company. (See Grote, Walther H., assignor.)
United-Carr Fastener Corporation. (See Pihl, Sophus E., assignor.)
United Color & Pigment Company. (See Cauwenberg, Winfred J., assignor.)
United Color & Pigment Company. (See Ryan, L. W., and Cauwenberg, assignors.)
United Plastic Corporation. (See Van Voorhis, George S., assignor.)
United Shoe Machinery Corporation. (See Engel, Karl, assignor.)
United Shoe Machinery Corporation. (See Harrington, Joseph, Jr., assignor.)
United Shoe Machinery Corporation. (See Simmons, Ralph C., assignor.)
U. S. Slicing Machine Company. (See Folk, Joseph, assignor.)
United States Rubber Products, Inc. (See Howland, Louis H., assignor.)
Universal Oil Products Company. (See Borst, William B., assignor.)
Universal Oil Products Company. (See Cutter, John, assignor.)
Universal Oil Products Company. (See Morrell, Jacque C., assignor.)
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,065,842; Dec. 29.
Utility Trailer Manufacturing Company. (See Knox, Garner L., assignor.)
Vandegrift, James N., and C. Postel, New York, N. Y., assignors, by mesne assignments, to Coal Products Company of Delaware, Philadelphia, Pa. Apparatus for producing fuel. 2,066,082; Dec. 29.
Vandegrift, James N., and C. Postel, assignor to Coal Products Co. of Delaware, New York, N. Y. Fuel and producing said fuel. 2,066,083; Dec. 29.
Van Duyne, Homer J., et al. (See Bristow, Harry L., assignor.)
Van Halteren, Andrew S., assignor to Motor Wheel Corporation, Lansing, Mich. Wheel balancing device. 2,065,633; Dec. 29.
Van Lear, Glenwood M. (See Boyle, W. E., and Van Lear.)
Van Ranst, Cornelius W., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,065,773; Dec. 29.
Van Uum, John H., Lakewood, Ohio. Securing device for cables or the like. 2,065,843; Dec. 29.
Van Vlodrop, Cornelius. (See Oosterhof, D., van Vlodrop, and Waterman.)
Van Voorhis, George S., Northampton, assignor to United Elastic Corporation, Easthampton, Mass. Making hosiery. 2,066,282; Dec. 29.

Vaughn, Irvin M., Elk City, Kans. Neck protector. 2,066,084; Dec. 29.
Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Rotary kiln. 2,066,291; Dec. 29.
Voight, Richard. (See Kaltenbach, A., and Voigt.)
Von Arco, Georg, and F. Schröter, assignor to Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany. Electric music transmission. 2,065,774; Dec. 29.
Von Hofe, Christian. (See Ach, L., and von Hofe.)
Von Hofe, George W., Bound Brook, and P. W. Fleischer, Weehawken, assignors to New Jersey Machine Corporation, Hoboken, N. J. Cup making machine. 2,066,130; Dec. 29.
Von Mihaly, Dénes, Berlin-Wilmersdorf, Germany. Apparatus for reproducing sound from an endless band of photographic film. 2,065,954; Dec. 29.
Von Webern, Guido, Dayton, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Surface decorating method and apparatus. 2,065,545; Dec. 29.
Vulcan Corporation. (See Clansing, George, assignor.)
Wabi Iron Works, Limited, The. (See McKay-Clements, John L. C., assignor.)
Wadman, Harold A., Bloomfield, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for cooling hollow glass articles. 2,066,283; Dec. 29.
Wadsworth, Frank L. O. (See Sanford, R. S., and Wadsworth.)
Wahlert, Frederick, assignor to Pulmosan Safety Equipment Corporation, Brooklyn, N. Y. Respirator. 2,065,775; Dec. 29.
Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft replenishing pick and pick loom. 2,065,776; Dec. 29.
Waldorf Paper Products Company. (See Guyer, Reynolds, assignor.)
Waldron, William R., Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of finely divided vat colors. 2,065,928; Dec. 29.
Walker, Bruce L., Oklahoma City, Okla. Air driven display. 2,066,063; Dec. 29.
Walker, Herbert W. (See Elley, H. W., and Walker.)
Warrick, Charles F., Detroit, Mich. Electrical relay system. 2,065,634; Dec. 29.
Waselge, Charles R., Ruell-Malmaison, France, assignor to Eclipse Aviation Corporation, East Orange, N. J. Centrifugal compressor. 2,065,955; Dec. 29.
Wasson, Jones I. (See Sloane, R. G., and Wasson.)
Waterman, Hein I. (See Oosterhof, D., van Vlodrop, and Waterman.)
Wattles, Joseph W., 3d, Canton, Mass., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrical control system. 2,065,844; Dec. 29.
Weale, Alfred, Heswall, England, assignor, by mesne assignments, to Remington Arms Company, Inc., Bridgeport, Conn. Priming composition. 2,065,929; Dec. 29.
Weaver, George B., Fredonia, N. Y. Display rack for seed packages and the like. 2,065,845; Dec. 29.
Webb, John K. (See Scott, T. R., and Webb.)
Weber, Charles H., Newark, assignor to J. E. Peterson, Irvington, N. J. Tenter clip. 2,065,913; Dec. 29.
Weber, Charles H., Bloomfield, assignor to J. E. Peterson, Irvington, N. J. Cloth tentering machine. 2,065,914; Dec. 29.
Weidenman, William T., Baldwin, assignor to Telephonics Corporation, New York, N. Y. Thumb switch. 2,066,022; Dec. 29.
Weinert, Carl R., Pittsburgh, Pa., assignor, by mesne assignments, to The Timken Roller Bearing Company, Canton, Ohio. Signalling device. 2,065,635; Dec. 29.
Weiss, Vera N., University City, Mo. Garment. 2,065,780; Dec. 29.
Weissbrodt, Jean, Boulogne-sur-Seine, France. Automatic obturator with variable opening for cine-picture taking apparatus. 2,065,777; Dec. 29.
Westberg, Gustave E., Los Angeles, Calif. Forming walls. 2,065,930; Dec. 29.
Western Union Telegraph Company, The. (See Harrall, E. R., and Reis, assignors.)
Westinghouse Electric & Manufacturing Company. (See Myllus, Walter G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Winter, George J., assignor.)
Weston, William D., Warren, Ohio, assignor to General Fire Extinguisher Company, Providence, R. I. Forming branch nozzles on pipes. 2,065,915; Dec. 29.
Whipple, Allen D., and C. W. Davis, Alexander, Ind., assignors to The Mantle Lamp Company of America, Chicago, Ill. Apparatus for treating or impregnating paper. 2,065,636; Dec. 29.
Whistler, Lawrence V., Kenmore, N. Y. Embossing sheet-metal. 2,066,085; Dec. 29.
White, George H., Hartford, Conn., assignor to C. A. Maconic, Chicago, Ill. Aligning mechanism. 2,066,023; Dec. 29.
White, Stewart H., Port Angeles, Wash., assignor to General Electric Company. Electric brake. 2,066,131; Dec. 29.
White & Wyckoff Mfg. Company. (See Bidwell, Paul W., assignor.)
Whitehead, William. (See Dreyfus, C., and Whitehead.)
Whittington, William P., Indianapolis, Ind. Heating system control. 2,065,778; Dec. 29.
Whyt-Rox Chemical Company. (See Irwin, Chester M., assignor.)
Wickersham, Harry P., et al. (See Black, Millard S., assignor.)
Wil-Bro Corporation. (See Williams, Benjamin F., assignor.)
Williams, Alonzo J., McLoud, Okla. Syringe. 2,065,779; Dec. 29.
Williams, Benjamin F., assignor to Wil-Bro Corporation, San Francisco, Calif. Valve. 2,065,637; Dec. 29.
Williams, Lewis E., Long Beach, Calif. Detachable tag. 2,065,916; Dec. 29.
Williams, Lewis E., Long Beach, Calif. Detachable tag. 2,065,917; Dec. 29.
Williamson, Ralph E. (See John, O., and Williamson.)
Wilson, Elihu C., Los Angeles, Calif. Flushometer. 2,066,086; Dec. 29.
Wilson, Percy H. (See Ridley, W., and Wilson.)
Wilson, William W., Los Angeles, Calif. Well elevator. 2,065,781; Dec. 29.
Wingfoot Corporation. (See Freeman, Harold A., assignor.)
Winter, George J., Kearney, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit closing device. 2,066,024; Dec. 29.
Winthrop Chemical Company. (See Hagedorn, M., Boekmühl, and Gorr, assignors.)
Wischmeyer, Albert C., Rochester, N. Y. Spigot. 2,065,846; Dec. 29.
Witte, Erhard, Berlin-Lichterfelde, Germany, assignor to North American Rayon Corporation, New York, N. Y. Manufacturing staple fiber. 2,066,168; Dec. 29.
Wolff, Ivan, New York, N. Y. Monogram. 2,065,918; Dec. 29.
Wolff, Werner. (See Reppe, W., and Wolff.)
Wood, John E., Eltham, England, assignor to The Superheater Company, New York, N. Y. Steam generating and superheating installation. 2,065,782; Dec. 29.
Wood, John, Manufacturing Company. (See Bolsinger, Raymon C., assignor.)
Woodbridge, Joseph L., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Nonspill vent plug. 2,065,783; Dec. 29.
Woods, Marion B., Weiser, Idaho. Ridge Breaker. 2,065,956; Dec. 29.
Worthington Pump and Machinery Corporation. (See Dorer, Oscar H., assignor.)
Wrange, Georg V., Alsten, Sweden. Device for attaching labels on bottles, cans, and the like. 2,065,957; Dec. 29.
Wurzlow, Calvin, Houma, La. Cover fastening means. 2,065,878; Dec. 29.
Wyeth, John, & Brother, Incorporated. (See Barol, Alfred, assignor.)
York Ice Machinery Corporation. (See Ruff, Alonzo W., assignor.)
Young, Clayton E., Benton Harbor, Mich. Drill-grinding mechanism. 2,065,847; Dec. 29.
Young, James H., Pittsburgh, and G. E. Black, Sewickley, assignors to H. H. Robertson Company, Pittsburgh, Pa. Method of and apparatus for reducing cellular metal building units. 2,065,546; Dec. 29.
Young, Louis H. (See Knobel, M., and Young.)
Youngstown Steel Door Company, The. (See Tobin, Kenneth J., assignor.)
Zihler, Leon L., Buffalo, N. Y. Stub puller and forming the same. 2,066,132; Dec. 29.
Zilligitt, Charles J., Pasadena, Calif. Lever jaw crusher. 2,065,784; Dec. 29.
Zouckermann, Armand. (See Bauml, Jacques M., assignor.)
Zublin, John A. (See Hitt, Charles W., assignor.)
Zublin, John A., and C. W. Hitt, Los Angeles, Calif.; said Hitt assignor to said Zublin. Making a metal tube. 2,066,025; Dec. 29.
Zwosta, Michael J., Brooklyn, N. Y. Liquid measuring device. 2,066,169; Dec. 29.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 29TH DAY OF DECEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Amplifying and rectifying system, Combined. M. E. Macksoud. 20,221; Dec. 29.
Cleaner operated from the motor vehicle lubricating system, Windshield. H. Hueber and E. C. Horton. 20,219; Dec. 29.
Cover for spare tires of automobiles. G. A. Lyon. 20,220; Dec. 29.
Educational device and method for the treatment of eyes. J. Y. Taylor. 20,223; Dec. 29.
Electrical apparatus, Assembly of. L. H. Van Billiard. 20,224; Dec. 29.
Pole, Electromagnetic. A. Winther. 20,225; Dec. 29.
Pulp, Production of. T. L. Dunbar. 20,217; Dec. 29.
Trailer. C. V. Hallenbeck. 20,218. Dec. 29.
Vanity case. A. Reilly. 20,222; Dec. 29.

LIST OF PLANT INVENTIONS

Sugarcane. B. A. Bourne. 210; Dec. 29.

LIST OF DESIGN INVENTIONS

Bathtub. W. J. Kohler and G. K. Geerlings. 102,557–9; Dec. 29.
Blouse. T. Coleman. 102,547; Dec. 29.
Blouse. I. Geist. 102,552; Dec. 29.
Bottle. G. N. Mas. 102,569; Dec. 29.
Bowl or similar article, Lighting fixture. N. Kopp. 102,560; Dec. 29.
Box. E. A. Terrell. 102,528; Dec. 29.
Buckle. J. B. Freysinger. 102,551; Dec. 29.
Burner or similar article, Oil. R. E. and M. Wilcox. 102,538; Dec. 29.
Cabinet, Bread. G. W. Stallings and G. W. Walker. 102,511; Dec. 29.
Cabinet, Ironing machine. H. W. Altorfer. 102,539; Dec. 29.
Cabinet, Kitchen. N. A. Tod. 102,529; Dec. 29.
Cake server and tray therefor, Combined. G. W. Stallings and G. W. Walker. 102,510; Dec. 29.
Calendar, Desk. C. N. Montanye. 102,571; Dec. 29.
Canister. G. W. Stallings and G. W. Walker. 102,509; Dec. 29.
Car of a rail vehicle, Rear. E. J. W. Ragsdale. 102,600; Dec. 29.
Cards, Deck of playing. J. S. Kelly. 102,556; Dec. 29.
Case, Atomizer. F. A. Vuillemenot. 102,532; Dec. 29.
Case or similar article, School. H. Hassenfeld. 102,554; Dec. 29.
Casing, Camera. W. D. Teague. 102,527; Dec. 29.
Casing, Clock. M. Schlenker and J. A. Reinhardt. 102,581; Dec. 29.
Casing, Spraying apparatus. F. W. Ofeldt. 102,575–6; Dec. 29.
Charm or similar article of jewelry. F. B. Vollman. 102,597; Dec. 29.
Clock. P. S. Van Bloem. 102,513–15; Dec. 29.
Clock and calendar, Combination. J. C. Morris. 102,573; Dec. 29.
Coat. J. A. Silverman. 102,519–21; Dec. 29.
Cover for shingle bundle. H. W. Holland. 102,555; Dec. 29.
Cover, Kettle. A. W. Nelson. 102,574; Dec. 29.
Deflector for infant's toilet seats. M. Sacheroff. 102,578; Dec. 29.
Doll. G. Wanderman. 102,533; Dec. 29.
Doll, Toy. G. Wanderman. 102,534–5; Dec. 29.
Drawer pull. R. H. Martin. 102,568; Dec. 29.
Dress. T. Coleman. 102,548–9; Dec. 29.
Dress. D. W. Price. 102,577; Dec. 29.
Emblem or similar article, Framed. V. T. Howard. 102,591; Dec. 29.
Fabric or similar article, Leather. A. Landis. 102,562; Dec. 29.
Fabric or similar article, Textile. M. Christen. 102,546; Dec. 29.
Fabric or similar article, Textile. P. Reiman. 102,594; Dec. 29.
Fabric or similar article, Textile. W. D. Roberson. 102,595; Dec. 29.
Fabric or similar article, Textile. P. S. Schwartz. 102,516; Dec. 29.
Fabric, Textile. H. Chopak. 102,545; Dec. 29.
Fabric, Textile. H. Chopak. 102,583–5; Dec. 29.
Fabric, Textile. E. I. Hanson. 102,588; Dec. 29.
Fabric, Textile. A. S. Heiman. 102,589–90; Dec. 29.
Fabric, Textile. M. Morris. 102,593; Dec. 29.
Game board. G. L. Van der Hoeven. 102,531; Dec. 29.
Glove. W. E. Meyers. 102,599; Dec. 29.
Halter. J. Solomon. 102,522–3; Dec. 29.
Jar, Fish. M. S. Desser and E. W. Fuerst. 102,550; Dec. 29.
Lace. B. Edson. 102,586; Dec. 29.
Lamp, Glow. T. Lamb. 102,561; Dec. 29.
Lid, Pouring. W. A. McNeel. 102,570; Dec. 29.
Lighting fixture. A. R. Butterworth. 102,544; Dec. 29.
Lighting fixture. J. Stutz. 102,526; Dec. 29.
Lighting fixture or similar article. A. E. Larsen. 102,563; Dec. 29.
Luminaire. J. W. Gosling. 102,553; Dec. 29.
Marker, Grave. L. B. Seibert and N. N. Williams. 102,517–18; Dec. 29.
Mat. I. Klaff. 102,592; Dec. 29.
Nightgown. H. Weisman. 102,536; Dec. 29.
Panel and lighting unit for cooking ranges, Combined back splash. J. Beevar. 102,541; Dec. 29.
Range. A. Stockstrom and A. H. Brodbeck. 102,525; Dec. 29.
Range. A. Stockstrom and A. H. Brodbeck. 102,596; Dec. 29.
Receptacle, Refuse. G. W. Stallings and G. W. Walker. 102,512; Dec. 29.
Reflector for electric lighting fixtures, Translucent. G. Ainsworth. 102,582; Dec. 29.
Reflector, Nonglare. W. L. Bear and G. R. Walker. 102,540; Dec. 29.
Rest, Table utensil. F. E. A. Larson. 102,564; Dec. 29.
Shoe. D. Levin. 102,565–7; Dec. 29.
Shoe. T. Samuels. 102,579–80; Dec. 29.
Shoe. A. Vamos. 102,530; Dec. 29.
Stand for bottles, Illuminated display. A. Berman. 102,542; Dec. 29.
Teapot or the like. F. W. Stark. 102,524; Dec. 29.
Trailer, House. R. H. Wise. 102,598; Dec. 29.
Truck body. R. H. Greegor. 102,587; Dec. 29.
Tub, Domestic washing machine. C. E. Morgenstern. 102,572; Dec. 29.
Whistle. T. F. Butterfield. 102,543; Dec. 29.
X-ray unit. W. S. Werner. 102,537; Dec. 29.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 29TH DAY OF DECEMBER, 1936

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Absorption spectra of substances. Apparatus for investigating. F. Twyman and D. H. Follett. 2,065,953; Dec. 29.
Accordion. R. Galanti. 2,065,574; Dec. 29.
Acid, Recovery of sulphuric. H. W. Sheldon. 2,065,617; Dec. 29.
Acid sludge, oil, and wax, Treating a cold mixture of. G. J. Strezynski and G. M. Plau. 2,066,166; Dec. 29.
Acids in fatty material, Liberating fatty. E. W. Eckey and C. C. Clark. 2,065,520; Dec. 29.
Acoustic resistance device. M. W. Scheldorf. 2,065,751; Dec. 29.
Adhesive feeding device, Bottle crown. B. Nagy. 2,066,071; Dec. 29.
Adjustable support. G. H. Kehr and F. J. Ertel. 2,065,529; Dec. 29.
Adjustable support. O. E. Trautmann. 2,065,952; Dec. 29.
Advertising apparatus. J. M. Bauml. 2,065,959; Dec. 29.
Air and like filter. W. Rehfus. 2,065,871; Dec. 29.
Aircraft, Automatic spirilling device for. M. F. Bates. 2,066,194; Dec. 29.
Air driven display. B. L. Walker. 2,066,063; Dec. 29.
Airplane. E. P. Gaines. 2,065,684; Dec. 29.
Air purifier. W. C. Hartzell. 2,065,970; Dec. 29.
Aligning mechanism. G. H. White. 2,066,023; Dec. 29.
Alloy, Improving aluminum. A. J. Lyon. 2,065,534; Dec. 29.
Alternating current lamp. W. G. Preddey. 2,065,735; Dec. 29.
Amalgamator for the recovery of gold. A. J. Clark and W. H. Todd. 2,065,967; Dec. 29.
Amplifier. G. H. Paris. 2,065,610; Dec. 29.
Amplifier, Tuned radio frequency. R. A. Braden. 2,065,884; Dec. 29.
Angle cock. L. A. Safford. 2,065,750; Dec. 29.
Animal trap. H. J. Houtsinger. 2,065,701; Dec. 29.
Antenna for short or ultra-short electrical waves, Symmetrical. W. Berndt and A. Gothe. 2,065,787; Dec. 29.
Antileak agent for greases. W. P. Hilliker. 2,065,857; Dec. 29.
Antirattling device for windows. F. E. Jennings. 2,065,590; Dec. 29.
Antiskid device. L. Karon. 2,065,810; Dec. 29.
Apparel, Fold line in wearing. B. Liebowitz. 2,066,293; Dec. 29.
Applicator. H. F. Colvin. 2,065,795; Dec. 29.
Arc extinguishing device. H. C. Graves, Jr. 2,065,802; Dec. 29.
Articles from cellulooe esters or ethers, Manufacture of. W. A. Dickie and P. F. C. Sowter. 2,065,664; Dec. 29.
Artificial products, Manufacture of. W. I. Taylor. 2,065,766; Dec. 29.
Automatic projector lamp. T. O. Hall. 2,065,891; Dec. 29.
Awning frame. E. Reukauf, Jr., and W. J. Stuber. 2,066,227; Dec. 29.
Axminster loom. W. W. Robertson. 2,065,747; Dec. 29.
Azo-dyestuffs. G. Bonhôte and C. Apotheker. 2,065,639; Dec. 29.
Baffle for corn huskers and shredders, Winged swinging. T. H. Oppenheim. 2,065,868; Dec. 29.
Bag: *See*—
  Golf bag. Inflatable repair bag.
Bag closing machine. R. N. and L. A. Cundall. 2,066,032; Dec. 29.
Ball bearing joint. G. H. Hufford. 2,065,589; Dec. 29.
Ball carrier or similar article, Knitting. M. C. Meyer. 2,066,155; Dec. 29.
Band brake. L. H. Pomeroy and A. V. Oliver. 2,066,308; Dec. 29.
Band for wearing apparel. H. Hardie. 2,065,936; Dec. 29.
Band, Wrist watch. C. J. Helleman. 2,065,581; Dec. 29.
Bandage making machine. H. F. Keller. 2,066,178; Dec. 29.
Barge, Grain stacking. W. L. M. Jones. 2,065,973; Dec. 29.
Basket, Fruit. H. E. Evans. 2,066,258; Dec. 29.
Basket, Fruit. R. Guyer. 2,065,804; Dec. 29.
Bath. M. E. Bentley. 2,066,088; Dec. 29.
Battery. G. W. Heise. 2,065,893; Dec. 29.
Battery and connection therefor, Storage. M. Lindem. 2,066,010; Dec. 29.
Battery tester. R. Simpson. 2,066,058; Dec. 29.
Bearing: *See*—
  Rocker stud bearing. Side bearing.
Bearing assembly, Cutter spindle and antifriction. C. E. Reed. 2,065,741; Dec. 29.
Bearing construction, Telltale roller. W. L. Scribner. 2,065,614; Dec. 29.
Bearing for band drive in dental machines, Guide-pulley. A. Kaltenbach and R. Voigt. 2,066,204; Dec. 29.
Bearings, Making. H. L. Brownback. 2,066,247; Dec. 29.
Beer cooling and dispensing system. H. J. Sandell. 2,065,949; Dec. 29.
Bentonites, Activation of. E. McKellar. 2,066,212; Dec. 29.
Bit: *See*—
  Bridle bit. Roller bit.
Blank feeding means. J. F. Ferm. 2,065,855; Dec. 29.
Blower, Soot. E. Pfleiderer. 2,066,014; Dec. 29.
Blower, Soot. W. P. Thomas. 2,066,020; Dec. 29.
Board: *See*—
  Score board.
Boiler. M. S. Hall. 2,066,275; Dec. 29.
Boiler with economizers, Steam. A. G. Blodgett. 2,065,559; Dec. 29.
Bolt keeper, Electrically-releasable. H. F. Kell. 2,066,277; Dec. 29.
Bomb, Oxygen. H. L. Parr. 2,065,870; Dec. 29.
Book binding. P. W. Bidwell. 2,065,505; Dec. 29.
Bottle carrier. J. A. R. Grenier. 2,065,803; Dec. 29.
Box: *See*—
  Match box.
Box lining machine. J. Schnur. 2,065,828; Dec. 29.
Bracket: *See*—
  Lamp bracket.
Brake: *See*—
  Band brake. Electric brake.
Brake. F. D. Fisher and G. Fisher, Jr. 2,065,679; Dec. 29.
Brake. R. S. Sanford and F. L. O. Wadsworth. 2,066,077; Dec. 29.
Brake shoe. I. N. Eustis. 2,065,571; Dec. 29.
Breathing or respiration, Apparatus for producing artificial. J. A. Nordin. 2,065,982; Dec. 29.
Bridge, Bascule. L. O. Hopkins. 2,066,110; Dec. 29.
Bridle bit. F. Barrera. 2,066,087; Dec. 29.
Brine recovery apparatus for water softeners. H. L. Bowers. 2,065,962; Dec. 29.
Brush. H. L. Cooke. 2,066,068; Dec. 29.
Brush, Commutating. F. Girvin and W. H. Hardman. 2,066,176; Dec. 29.
Brush, Rubber. A. Hempel. 2,065,584; Dec. 29.
Bucket, Magnetically operated clamshell. F. W. Jessop. 2,065,706; Dec. 29.
Buckle. L. H. Mader. 2,065,946; Dec. 29.
Buckle device. G. K. Blum. 2,065,638; Dec. 29.
Buffer plate construction. H. S. Jandus. 2,065,806; Dec. 29.
Building assembly and fastening means. G. D. Kellogg. 2,066,006; Dec. 29.
Building construction. M. J. Dempsey. 2,066,255; Dec. 29.
Building construction. A. Holmer. 2,066,268; Dec. 29.
Building reenforcement. E. G. Lamel. 2,065,899; Dec. 29.
Building units, Apparatus for producing cellular metal. G. E. Black. 2,065,511; Dec. 29.
Building units, Method of and apparatus for producing cellular metal. J. H. Young and G. E. Black. 2,065,546; Dec. 29.
Burner: *See*—
  Gas burner. Oil burner.
Burner and manifold assembly. S. Morgan. 2,065,719; Dec. 29.
Busk for corsets. J. H. Roberts. 2,066,230; Dec. 29.
Cabinet, Heat insulating. C. G. Munters. 2,065,608; Dec. 29.
Cabinet, Refrigerator. A. E. Rinker. 2,066,124; Dec. 29.
Cabinet section. E. E. Reid. 2,065,983; Dec. 29.
Cabinet, Shower bath. P. W. Kerr. 2,065,531; Dec. 29.
Cables, Impregnation of electric. T. R. Scott and J. K. Webb. 2,065,927; Dec. 29.
Can: *See*—
  Shipping and dispensing can.
Cap for receptacles and bottoms, Closure. W. T. Mehaffey. 2,066,183; Dec. 29.
Carbon black. W. H. Grote. 2,066,274; Dec. 29.
Carburetor. V. R. Heftler. 2,066,003; Dec. 29.
Card dealing machine. R. H. Plass. 2,065,824; Dec. 29.
Carrier: *See*—
  Bottle carrier.
Carrier rod operating mechanism. W. Hug. 2,065,922; Dec. 29.
Case: *See*—
  Key case.
Case construction, Vanity. A. F. Reilly. 2,066,226; Dec. 29.
Casket handle. A. Y. Stilson. 2,065,764; Dec. 29.

Casting, Surface alloyed. W. J. Priestley. 2,066,054; Dec. 29.
Castings by the centrifugal casting process, Manufacture of unchilled metallic. W. Ridley and P. H. Wilson. 2,066,229; Dec. 29.
Catalytic composition and preparing. W. A. Lazier. 2,066,153; Dec. 29.
Cathode, Gaseous discharge tube. D. V. Edwards and E. K. Smith. 2,065,997; Dec. 29.
Catline clamp. R. A. Crawford. 2,066,094; Dec. 29.
Ceiling structure. C. F. Davis. 2,065,796; Dec. 29.
Cellular products, Manufacture of. W. M. Scott. 2,065,757; Dec. 29.
Chain. R. R. Alling. 2,065,931; Dec. 29.
Chain machine. W. F. Biedermann. 2,065,788; Dec. 29.
Charge forming device. J. O. Heinze. 2,065,582; Dec. 29.
Chin operated alarm device. C. E. Brown. 2,066,092; Dec. 29.
Chuck for airplane wheels. C. H. Jolly. 2,065,528; Dec. 29.
Chuck or coupling. E. R. Harrall and J. P. Reis. 2,066,276; Dec. 29.
Churn and butter worker, Combination. F. G. Clark. 2,066,067; Dec. 29.
Cinder separator. R. L. Beers. 2,065,554; Dec. 29.
Circuit closing device. G. J. Winter. 2,066,024; Dec. 29.
Circuit control apparatus. W. R. Lyman. 2,065,594; Dec. 29.
Circuit, Converter. E. W. Herold. 2,066,038; Dec. 29.
Circuit, Power supply. L. E. Barton. 2,066,170; Dec. 29.
Circuit, Self-excited microphone. A. R. Hopkins. 2,066,149; Dec. 29.
Circuit, Variable mu amplifier. S. Ballantine. 2,066,284; Dec. 29.
Circuits, Automatic volume control. H. A. Snow. 2,065,910; Dec. 29.
Clamp: *See*—
  Catline clamp.
Clamp. W. C. Heiber and E. R. Meng. 2,066,148; Dec. 29.
Clamp device for rope and the like, Adjustable. G. C. Passek. 2,066,049; Dec. 29.
Clamp for printing machines, Plate. H. V. Ball and F. Lamatsch. 2,066,192; Dec. 29.
Clays, Method and apparatus for treating. D. G. Brandt. 2,065,643; Dec. 29.
Cleaner: *See*—
  Vacuum cleaner.
Clip: *See*—
  Tenter clip.
Cloth tentering machine. C. H. Weber. 2,065,914; Dec. 29.
Clutch: *See*—
  Multiple-acting over-running clutch.
Clutch and brake device for motor vehicles. K. Maybach. 2,065,980; Dec. 29.
Clutch construction. E. V. J. Tower. 2,065,631; Dec. 29.
Coated fabric. A. M. Alvarado and H. J. Barrett. 2,065,881; Dec. 29.
Coated object and making the same. E. H. Trussell. 2,065,769; Dec. 29.
Coating on aluminum and noncuprous alloys thereof, Production of protective. E. C. King. 2,066,180–1; Dec. 29.
Coils, Packaging. E. I. Burke. 2,065,640; Dec. 29.
Colors, Production of finely divided vat. W. R. Waldron. 2,065,928; Dec. 29.
Column listing device, Multiple. C. H. Sand, Jr. 2,065,539; Dec. 29.
Comb loom. C. A. Bacheller. 2,065,498; Dec. 29.
Combustion process for the use of fluid fuel in Martin Furnaces. F. Fiorelli. 2,066,103; Dec. 29.
Comparator. S. B. Terry. 2,065,951; Dec. 29.
Compass. H. Hassenfeld. 2,066,147; Dec. 29.
Compressor, Centrifugal. C. R. Waselge. 2,065,955; Dec. 29.
Condenser: *See*—
  Electrical condenser.
Condenser. F. Gerth and R. Kielhorn. 2,065,921; Dec. 29.
Conduit construction. C. W. Abbott. 2,066,242; Dec. 29.
Constant frequency generator. A. M. Braaten. 2,066,027; Dec. 29.
Container and dispenser, Combination razor blade. L. B. Morgan. 2,065,607; Dec. 29.
Container for liquids. R. J. Anschicks. 2,065,785; Dec. 29.
Containers, Manufacturing paper. G. Meyer-Jagenberg. 2,065,975; Dec. 29.
Containers, Producing partitioned glass. N. R. Beck. 2,065,504; Dec. 29.
Control for machine tools, Power. J. J. Mellon. 2,065,820; Dec. 29.
Control mechanism for loom stop motions. J. P. Costello. 2,065,851; Dec. 29.
Control system, Air-operated. K. H. Hubbard. 2,065,702; Dec. 29.
Controlling device for rotating shafts. P. Rime-Bruneau. 2,065,648; Dec. 29.
Converter. T. S. Curtis. 2,065,566; Dec. 29.
Conveyer. W. Laurie. 2,066,206; Dec. 29.
Core drilling. J. B. Newsom. 2,065,725; Dec. 29.
Corrosion preventing means for connections. W. C. Berryman. 2,065,558; Dec. 29.
Costumer. C. H. Smith. 2,065,622; Dec. 29.
Cotton fiber-like material from straw, Manufacturing a. S. Tanaka. 2,065,877; Dec. 29.
Coupler centering device. E. A. Laughlin. 2,066,009; Dec. 29.
Coupling: *See*—
  Valved coupling.
Coupling. G. Pielstick. 2,066,823; Dec. 29.
Cover: *See*—
  Mattress cover.
Cover and like fastener installation and fastener for the same. S. E. Pihl. 2,065,908; Dec. 29.
Cover fastening means. C. Wurzlow. 2,065,878; Dec. 29.
Cover for bird cages, Magazine floor. C. O. Jessen. 2,065,923; Dec. 29.
Covering for conductors, Method of and equipment for producing abrasion resisting. W. E. Boyle and G. M. Van Lear. 2,065,561; Dec. 29.
Cow tail holder. G. E. Fotel. 2,065,682; Dec. 29.
Crusher, Gyratory. S. W. Traylor, Jr., and E. H. Beyhl. 2,066,281; Dec. 29.
Crusher, Lever jaw. C. J. Zilligitt. 2,065,784; Dec. 29.
Crusher, Rock. J. Rasmussen. 2,065,612; Dec. 29.
Crushing and grinding mill. J. J. Morch. 2,065,821; Dec. 29.
Cup making machine. G. W. von Hofe and P. W. Fleischer. 2,066,130; Dec. 29.
Cupel furnace. C. W. Hanson and R. A. Crites. 2,065,691; Dec. 29.
Curbing, Sectional. V. Lines. 2,065,861; Dec. 29.
Cutter and spindle assembly for earth boring drills, Roller. C. E. Reed. 2,065,739; Dec. 29.
Cutter, spindle and antifriction assembly for earth boring drills. C. E. Reed. 2,065,740; Dec. 29.
Cutter, spindle and bearing assembly for earth boring drills, Roller. C. E. Reed. 2,065,742; Dec. 29.
Cutting and beveling tool. S. H. Smith. 2,065,761; Dec. 29.
Damper for shafts, Vibration. G. Pielstick. 2,066,224; Dec. 29.
Derivatives of amino-quinolines and making same. L. Ach and C. von Hofe. 2,065,879; Dec. 29.
Dextrose, Crystallizing. C. Ebert and W. B. Newkirk. 2,065,669; Dec. 29.
Dextrose, Manufacture of. W. B. Newkirk. 2,065,724; Dec. 29.
Diazoimino compounds and their production, Watersoluble. H. A. Lubs. 2,065,593; Dec. 29.
Die and method, Truing. R. A. Mitchell. 2,066,186; Dec. 29.
Dihydroxystilbene-dicarboxylic acid and preparing it. L. Laska and O. Haller. 2,065,900; Dec. 29.
Dispatching and scheduling system. C. H. Levy, Jr. 2,065,815; Dec. 29.
Dispenser: *See*—
  Paste dispenser.
Dispensing apparatus. M. G. Le Page. 2,065,860; Dec. 29.
Dispensing device. C. P. Morris. 2,066,121; Dec. 29.
Display device. H. O. Brown. 2,065,965; Dec. 29.
Display device. H. H. Davis. 2,065,797; Dec. 29.
Display device. J. A. Goethe. 2,065,689; Dec. 29.
Door locking means. J. Toren. 2,065,839; Dec. 29.
Door release mechanism, Electric. H. F. Keil. 2,066,278; Dec. 29.
Door safety mechanism. H. J. Galsman. 2,065,685; Dec. 29.
Draft and buffing device. W. M. Sheehan. 2,065,610; Dec. 29.
Drier. W. Clemens. 2,066,251; Dec. 29.
Drill-grinding mechanism. C. E. Young. 2,065,847; Dec. 29.
Drive for individually sprung wheels. S. W. Thompson. 2,065,767; Dec. 29.
Dumping device. A. J. Meyer. 2,065,601; Dec. 29.
Duplicator. S. Horii. 2,066,269; Dec. 29.
Dyestuffs, Manufacture of naphthazarine. C. Mettler. 2,066,119; Dec. 29.
Dyestuffs of the pyrenequinone series and making same. W. Kern. 2,065,710; Dec. 29.
Edge testing machine. M. Knobel and L. H. Young. 2,065,713; Dec. 29.
Egg candling and stamping device. G. Hatcher. 2,065,694; Dec. 29.
Electric brake. S. H. White. 2,066,131; Dec. 29.
Electric lamp, Changeable color. J. H. Fink and M. Horowitz. 2,066,145; Dec. 29.
Electric switch. G. J. Meuer. 2,065,904; Dec. 29.
Electrical apparatus for locating bodies having anomalous electrical admittances. W. M. Barret and R. H. Mayer. 2,066,135; Dec. 29.
Electrical condenser. A. Deutschmann. 2,065,934; Dec. 29.
Electrical connection means. H. A. Douglas. 2,066,144; Dec. 29.
Electrical control system. J. W. Wattles. 2,065,844; Dec. 29.
Electrical heating device. J. H. Smith. 2,065,760; Dec. 29.
Electrical heating system. G. Slayter. 2,066,127; Dec. 29.
Electrical protective system. L. K. Swart. 2,065,765; Dec. 29.

Electrical relay system. C. F. Warrick. 2,065,634; Dec. 29.
Electrical system for the remote indication of instrument readings. J. F. Lee and J. Giarratana. 2,066,114; Dec. 29.
Electrode for luminous tube and making the same. R. Nauth. 2,065,947; Dec. 29.
Electrode structure. S. F. Essig. 2,065,570; Dec. 29.
Electrolytic device. J. L. Lotsch. 2,066,154; Dec. 29.
Electron contact relay. H. J. McCreary. 2,066,211; Dec. 29.
Electron tube. C. W. Hansell. 2,066,037; Dec. 29.
Elevator: *See*—
Well elevator.
Embroiderer. D. Litsey. 2,066,116; Dec. 29.
End construction for mine cars. R. A. Shields. 2,065,759; Dec. 29.
End matching device for rolling mill packs. T. W. Allsworth. 2,065,880; Dec. 29.
Engine: *See*—
Internal-combustion engine. — Steam engine.
Engine. A. J. Meyer. 2,065,602; Dec. 29.
Engine. H. H. Timian and E. R. Jacoby. 2,065,630; Dec. 29.
Engine and operating same, Internal combustion. A. J. Meyer. 2,065,600; Dec. 29.
Engine of the liquid fuel injection type, Internal combustion. H. R. Ricardo. 2,066,228; Dec. 29.
Engine starting apparatus. J. B. Dyer. 2,065,889; Dec. 29.
Esters, Hydrogenated. N. D. Scott. 2,065,756; Dec. 29.
Esters of carboxylic acids and their production, Vinyl. W. Reppe. 2,066,075; Dec. 29.
Ethers of higher alcohols with polar groups and application of the same for textile purposes, Manufacturing mixed. M. D. Rozenbroek. 2,066,125; Dec. 29.
Ethers, Producing vinyl. W. Reppe and W. Wolff. 2,066,076; Dec. 29.
Ethyl barbituric compound, Saturated-branched chain-primary-alkyl. H. A. Shonle. 2,066,280; Dec. 29.
Expansion joint. A. C. Fischer. 2,065,521; Dec. 29.
Expansion joint. F. J. Plym. 2,066,052; Dec. 29.
Extractors, Apparatus for loading centrifugal. H. Krantz and H. Buysch. 2,065,978; Dec. 29.
Eyecup and bottle closure, Combined. A. Barol. 2,065,501; Dec. 29.
Fabric: *See*—
Coated fabric.
Fabric and its method of manufacture, Textile. H. L. Shoub. 2,066,079; Dec. 29.
Facsimile receiving system. W. G. H. Finch. 2,066,261–2; Dec. 29.
Fan. M. S. Leonard. 2,065,716; Dec. 29.
Fastener: *See*—
Separable fastener.
Separable interlocking fastener.
Fastener for wall panels. J. G. Hamilton. 2,065,525; Dec. 29.
Fastener slide, Safety removable. B. Pruzan. 2,065,736; Dec. 29.
Fastening method and means. A. V. Cullen. 2,065,659; Dec. 29.
Feeder: *See*—
Ferric chloride feeder.
Feeding and measuring apparatus. P. Landrock. 2,065,939; Dec. 29.
Feeding apparatus for starch tables. S. Shurback. 2,066,142; Dec. 29.
Fence post construction. C. S. Brown. 2,065,562; Dec. 29.
Ferric chloride feeder. W. C. Laughlin. 2,066,152; Dec. 29.
Fiber, Manufacturing staple. E. Witte. 2,066,168; Dec. 29.
Filaments and the like, Manufacture and treatment of. H. Dreyfus. 2,065,668; Dec. 29.
Filaments, Spinning of artificial. C. Dreyfus and W. Whitehead. 2,065,517; Dec. 29.
Filaments, Spinning of artificial. C. Dreyfus and W. Whitehead. 2,065,519; Dec. 29.
Film, Printing lenticular. J. Eggert and G. Heymer. 2,065,670; Dec. 29.
Film reel. R. S. Gavin. 2,065,575; Dec. 29.
Filter: *See*—
Air and like filter. — Oil filter.
Filter. E. E. Trafton. 2,065,768; Dec. 29.
Filter material and making same. C. M. Irwin. 2,066,271; Dec. 29.
Fineness of finely divided material, Method of and apparatus for determining a degree of. H. E. T. Haultain. 2,065,695; Dec. 29.
Finger ring. E. Kiff. 2,065,811; Dec. 29.
Fire extinguishing apparatus. V. J. Hill, Jr., H. E. Helgis, and A. Towart, Jr. 2,066,290; Dec. 29.
Fishline. W. J. Moore. 2,065,606; Dec. 29.
Fishing lure, Artificial. C. E. Delk. 2,066,254; Dec. 29.
Flashlight and lighter, Combined. O. C. Britisch. 2,066,028; Dec. 29.
Floor machine. H. S. Boulton. 2,065,560; Dec. 29.
Floors, Finishing. F. H. Lyons. 2,066,296; Dec. 29.
Fluid streams and device therefor, Uniting. W. C. Groeniger. 2,065,523; Dec. 29.
Fluid transmission system and fittings therefor. W. C. Groeniger. 2,065,524; Dec. 29.
Fluids, Method and apparatus for pumping. G. K. Parker. 2,065,926; Dec. 29.
Flushometer. E. C. Wilson. 2,066,086; Dec. 29.
Fold line machine. B. Liebowitz and A. Moses. 2,066,272; Dec. 29.
Fold lines in collars in like articles, Method and apparatus for forming. B. Liebowitz. 2,066,294; Dec. 29.
Folding attachment. G. Spiess. 2,065,989; Dec. 29.
Food product and making same. W. C. Baxter. 2,065,550; Dec. 29.
Food treating apparatus. J. Schmidt. 2,065,752; Dec. 29.
Form, Shoe. W. J. de Witt. 2,066,098; Dec. 29.
Fountain attachment, Soda. C. L. Kee. 2,066,040; Dec. 29.
Frame: *See*—
Awning frame. — Vehicle chassis frame.
Frequency control system, Automatic. M. G. Crosby. 2,065,565; Dec. 29.
Friction unit for railway car trucks. C. D. Barrett. 2,065,992; Dec. 29.
Fuel and producing said fuel. J. N. Vandegrift and C. Postel. 2,066,083; Dec. 29.
Fuel, Apparatus for producing. J. N. Vandegrift and C. Postel. 2,066,082; Dec. 29.
Fuel burning apparatus, Liquid. G. F. Hodges and F. B. Cota. 2,066,039; Dec. 29.
Fuel, Motor. R. G. Sloane and J. I. Wasson. 2,066,234; Dec. 29.
Furnace: *See*—
Cupel furnace.
Furnace. R. L. Beers. 2,065,556; Dec. 29.
Furnace construction. H. V. Leahy. 2,065,533; Dec. 29.
Furnace control. L. R. Kettenring and F. J. Lillis. 2,065,712; Dec. 29.
Fuse. H. A. Triplett. 2,066,129; Dec. 29.
Fuse cut-out. R. S. Bennett. 2,066,172; Dec. 29.
Fuse panel. A. Kenner and C. A. Smith. 2,065,897; Dec. 29.
Game apparatus. R. Bates. 2,066,244; Dec. 29.
Game, Deflector ball. C. E. Post. 2,066,159; Dec. 29.
Game device. W. T. Supina. 2,066,238; Dec. 29.
Garden tool. C. R. Fish, Jr. 2,065,678; Dec. 29.
Garment. V. N. Weiss. 2,065,780; Dec. 29.
Garment, Carpenter's. V. T. Powell. 2,066,072; Dec. 29.
Garment hanger. F. A. Ballin, Jr. 2,065,499; Dec. 29.
Garment, Lady's. M. M. Messing. 2,066,298; Dec. 29.
Garment rack joint. E. Levin. 2,065,902; Dec. 29.
Garment support. L. Jakupczyk. 2,065,976; Dec. 29.
Gas burner. L. V. Fogas. 2,065,681; Dec. 29.
Gasholder. P. M. Kuehn. 2,066,292; Dec. 29.
Gasholder. J. A. Mason. 2,066,297; Dec. 29.
Gas valve. J. H. G., K. J., and B. G. Horstmann. 2,065,972; Dec. 29.
Gathering and loading machine. F. Cartlidge. 2,066,137; Dec. 29.
Gauge: *See*—
Liquid level gauge. — Water level gauge.
Gear: *See*—
Running gear.
Gear differential mechanism, Bevel. C. C. Davis. 2,065,661; Dec. 29.
Gelatine, Moistureproof. W. H. Charch. 2,065,792; Dec. 29.
Generator: *See*—
Constant frequency generator.
Germicidal preparations. C. N. Andersen. 2,065,849; Dec. 29.
Glisonite, Stabilizing. W. Hassard. 2,066,289; Dec. 29.
Glass, Apparatus for tempering. B. Long. 2,065,862; Dec. 29.
Glass articles, Method of and apparatus for cooling hollow. H. A. Wadman. 2,066,283; Dec. 29.
Glass resistant to alkali metal vapors and making it. R. H. Dalton and H. P. Hood. 2,065,852; Dec. 29.
Glycerides from polymerized oils by distillation, Removing low molecular. D. Oosterhof, C. van Vlodrop, and H. I. Waterman. 2,065,728; Dec. 29.
Gold, Recovering flour. G. O. Marris. 2,065,818; Dec. 29.
Golf bag. O. P. Haserodt. 2,065,693; Dec. 29.
Grain scouring and cleaning apparatus. A. C. Barbeau. 2,065,500; Dec. 29.
Gramophone pick-up. E. N. Johnson. 2,066,203; Dec. 29.
Grignard compounds, Preparing. H. E. Buc. 2,066,198; Dec. 29.
Grinding wheel. M. B. Lane. 2,065,942; Dec. 29.
Grinding wheel, Mounted. M. B. Lane. 2,065,941; Dec. 29.
Guard, Brake gear. E. G. Busse. 2,065,791; Dec. 29.
Guard protector, Harvesting machine. E. Patera. 2,065,729; Dec. 29.
Gum inhibitor for hydrocarbon fuels. H. W. Elley and H. W. Walker. 2,065,568; Dec. 29.
Gun butt, Adjustable. W. J. Morgan. 2,066,218; Dec. 29.
Gun, Mud. E. E. Brosius. 2,065,647; Dec. 29.
Hair curler with electric attachment. S. R. Salvio. 2,065,874; Dec. 29.
Hair, Curling. V. J. Gentile. 2,066,146; Dec. 29.
Hair, Device for use in the permanent waving of. A. G. Johnson. 2,065,807; Dec. 29.

Hair waving device, Deep. H. Lingard. 2,066,045; Dec. 29.
Handle: *See*—
Casket handle.
Handle construction. F. F. Plack. 2,066,301; Dec. 29.
Hanger: *See*—
Garment hanger.
Harvester. J. Mutzbauer. 2,065,721; Dec. 29.
Headlight. W. F. Lennon. 2,065,814; Dec. 29.
Heat exchange apparatus. J. E. Black and C. S. Smith. 2,065,850; Dec. 29.
Heat exchangers, Method and machine for making finned tube. A. F. Hoesel. 2,065,586; Dec. 29.
Heat treating and torch therefor. C. H. Taylor. 2,065,627; Dec. 29.
Heater: *See*—
Solar water heater. — Water heater.
Heater. G. H. Bork. 2,065,994; Dec. 29.
Heater for motor vehicles, Automatic. L. Morneautt, E. J. Lyda, and T. J. Niutta. 2,065,720; Dec. 29.
Heating and ventilation. A. W. Ruff. 2,065,873; Dec. 29.
Heating system control. W. P. Whittington. 2,065,778; Dec. 29.
Heel concaving machine. W. C. Brooks and J. W. Staples. 2,065,645; Dec. 29.
Hinge and the like. T. E. Horst. 2,065,700; Dec. 29.
Holder: *See*—
Cow tail holder. — Tooth brush and tooth paste holder.
Key holder. — Wheel holder.
Scarf holder.
Strap holder.
Holder for cutting-off tools and the like, Elastic. P. Brüning. 2,065,966; Dec. 29.
Hollow article, Producing. C. C. Smith. 2,066,304; Dec. 29.
Hood fitting for motor and other vehicles. G. Salmons and A. H. Dalby-Balls. 2,066,231; Dec. 29.
Hosiery, Making. G. S. Van Voorhis. 2,066,282; Dec. 29.
Hosiery, Manufacture of. P. Lieberknecht. 2,065,979; Dec. 29.
Housing for mowers and the like, Bearing. G. J. Owens. 2,065,869; Dec. 29.
Hub, Chair base. W. F. Herold. 2,065,699; Dec. 29.
Hub device, Auxiliary. J. A. Luke. 2,066,046; Dec. 29.
Humidifying apparatus. A. U. Jones. 2,065,707; Dec. 29.
Hydraulic drilling machine. E. J. Hirvonen. 2,066,109; Dec. 29.
Ice creeper. J. C. Crow. 2,066,095; Dec. 29.
Ice creeper. G. E. Norman. 2,065,727; Dec. 29.
Ignition lock. L. O. Parker and J. T. Fitzsimmons. 2,065,906; Dec. 29.
Ignition timing device. L. B. Ehrlich. 2,066,069; Dec. 29.
Impregnated article. E. E. Mayfield. 2,066,117; Dec. 29.
Index card and system. J. H. Rand. 2,065,738; Dec. 29.
Indicator. B. H. Hayes. 2,066,267; Dec. 29.
Inertia attitude indicator for aircraft. P. R. Bassett and B. G. Carlson. 2,066,193; Dec. 29.
Inflatable repair bag. J. J. Black. 2,065,919; Dec. 29.
Insecticide and insect repellent and making the same. L. A. Mikeska. 2,066,184; Dec. 29.
Instrument panel. J. Tjaarda. 2,066,021; Dec. 29.
Interlock for electrical and mechanical equipment and systems, Safety. R. L. Kirk. 2,065,859; Dec. 29.
Internal combustion engine. J. Braunwalder. 2,065,790; Dec. 29.
Internal combustion engine. C. W. Van Ranst. 2,065,773; Dec. 29.
Irrigating pipe. O. Knoerzer. 2,066,008; Dec. 29.
Jack: *See*—
Mining jack.
Jack and pile adjusting means. F. H. Cramer. 2,065,564; Dec. 29.
Joint: *See*—
Ball bearing joint. — Safety joint.
Expansion joint. — Universal joint.
Garment rack joint.
Kerf cutting apparatus. J. F. Joy. 2,065,809; Dec. 29.
Key case. C. H. Dahlgren. 2,066,033; Dec. 29.
Key holder. G. W. Lane. 2,065,940; Dec. 29.
Kiln, Rotary. M. Vogel-Jorgensen. 2,066,291; Dec. 29.
Kit and sharpener, Combination shaving. E. Peterson. 2,066,222; Dec. 29.
Knife attachment for listers. W. J. Jaeger. 2,066,113; Dec. 29.
Knitting machines, Narrowing mechanism for. S. Imon. 2,065,858; Dec. 29.
Labels on bottles, cans and the like, Device for attaching. G. V. Wrange. 2,065,957; Dec. 29.
Ladder, Combination. R. E. Hedges. 2,066,108; Dec. 29.
Ladder for continuous chain bucket elevator dredges. A. T. Fraser. 2,066,104; Dec. 29.
Lamp: *See*—
Alternating current lamp. — Electric lamp.
Automatic projector lamp.
Lamp. G. Sperti. 2,065,988; Dec. 29.
Lamp bracket. A. H. Bell. 2,066,171; Dec. 29.
Last, Shoe. G. Clausing. 2,065,655–6; Dec. 29.
Lens and camera, Camera. N. P. Billing. 2,065,993; Dec. 29.
Lens and making same, Ophthalmic. C. L. Bausch. 2,065,502; Dec. 29.
Level and drainage projection instrument. E. T. Kemp. 2,065,530; Dec. 29.
Lever, Brake extension. J. R. Thorp and S. Strand. 2,065,837; Dec. 29.
Lift, Electrically operated. A. A. Chubb. 2,065,793; Dec. 29.
Light responsive device. F. H. Shepard Jr. 2,065,758; Dec. 29.
Light sensitive surfaces, Apparatus for the treatment of. N. P. Billing. 2,065,506; Dec. 29.
Light signal system for railroads. O. H. Dicke. 2,065,663; Dec. 29.
Light source, Incandescent. P. T. Farnsworth and H. S. Bamford. 2,066,070; Dec. 29.
Lighter, Pocket. H. Maltner. 2,066,210; Dec. 29.
Lighting fixture. W. A. Stone. 2,065,626; Dec. 29.
Lighting system, Motor vehicle. J. Siegfried. 2,065,876; Dec. 29.
Line tightener. A. Gladstone. 2,065,577; Dec. 29.
Lintel. C. F. Davis. 2,066,253; Dec. 29.
Lipstick. S. Freeman. 2,065,800; Dec. 29.
Liquid dispensing apparatus. M. C. Schwab. 2,065,829; Dec. 29.
Liquid level gauge, High pressure. J. R. Brown. 2,065,646; Dec. 29.
Liquid measuring device. M. J. Zwosta. 2,066,169; Dec. 29.
Liquid sterilizing apparatus. E. Heitzmann. 2,065,583; Dec. 29.
Loading apparatus. T. F. McCarthy. 2,065,819; Dec. 29.
Lock: *See*—
Ignition lock. — Time lock.
Sash lock. — Valve spring retainer lock.
Lock. W. R. Schlage. 2,065,615; Dec. 29.
Lock structure. E. S. Stroberg. 2,066,080; Dec. 29.
Locking device. A. Gahagan. 2,065,683; Dec. 29.
Locking device for brake pedals. H. L. Bristow. 2,066,091; Dec. 29.
Locomotive cylinder structure. W. C. Ashe. 2,065,548; Dec. 29.
Locomotive structure. J. C. Travilla, Jr. 2,065,632; Dec. 29.
Loom: *See*—
Axminster loom. — Pick and pick loom.
Comb loom. — Shuttle changing loom.
Loom stopping mechanism, Electromechanical. O. V. Payne. 2,065,730; Dec. 29.
Loom transfer revoking mechanism. R. G. Turner. 2,065,772; Dec. 29.
Loom with shuttle boxes which shift to detect weft. R. G. Turner. 2,065,770; Dec. 29.
Lubricant. W. S. Calcott and R. C. McHarness. 2,066,173; Dec. 29.
Lubricants, Preparing. L. C. Beard, Jr. 2,065,551; Dec. 29.
Lubricants, Testing. E. A. Sperry, Jr. 2,065,625; Dec. 29.
Lubricating composition. F. L. Miller and A. J. Morway. 2,066,216; Dec. 29.
Lubricating device. O. B. Clark. 2,066,030; Dec. 29.
Lubricating system. W. E. Johnson. 2,066,177; Dec. 29.
Luminescent material. H. W. Leverenz. 2,066,044; Dec. 29.
Lyophilic biologically active substances, and producing the same. J. Reichel. 2,066,302; Dec. 29.
Machine for applying screw closures to containers. A. C. Everett. 2,066,259; Dec. 29.
Machine for assorting round and cylindrical articles. C. J. Du Brul and W. J. Luttmann. 2,065,888; Dec. 29.
Machine for breaking cubes of ice. T. J. Pegley and G. O. Leopold. 2,065,677; Dec. 29.
Machine for grinding gear wheels. A. H. Orcutt. 2,066,220; Dec. 29.
Machine for operating upon sheet materials. R. C. Simmons. 2,065,621; Dec. 29.
Machine for perforating cigars. L. J. Dorfman. 2,065,995; Dec. 29.
Machine for removing foreign matter from coffee beans. E. G. Berry. 2,065,557; Dec. 29.
Machine tool. J. E. Lovely and J. R. Knights. 2,065,816; Dec. 29.
Magnesium, Apparatus for condensing. F. R. Kemmer. 2,065,709; Dec. 29.
Marine craft. S. T. Dunlap and C. H. Stratton. 2,066,101; Dec. 29.
Marker, Highway. H. A. Emmons. 2,065,998; Dec. 29.
Marking machine. A. H. Avery. 2,065,497; Dec. 29.
Marking machine. C. F. Eaton. 2,066,273; Dec. 29.
Mast construction, Convertible. P. F. Leon. 2,065,715; Dec. 29.
Match box. P. S. Bixler. 2,065,961; Dec. 29.
Material, Apparatus for vibrating investing. S. L. Jefferies. 2,065,977; Dec. 29.
Material for use as leather substitute and process of manufacture. A. J. Hanley. 2,065,892; Dec. 29.

Material, Production of finely divided. E. Stanley. 2,065,762; Dec. 29.
Materials, Apparatus for tiering, feeding, and loading. A. T. Fay, Jr. 2,065,674; Dec. 29.
Mattress cover. L. Cohen, Jr. 2,066,252; Dec. 29.
Measuring appliance. M. Bäuml. 2,065,960; Dec. 29.
Mechanism for carrying or releasing loads from aircraft. A. A. B. Thomson. 2,065,990; Dec. 29.
Mechanism for warning signals, Actuated. A. F. Gillet. 2,066,001; Dec. 29.
Medicaments coated with a water-insoluble polymerization product and preparing them. M. Hagedorn, M. Bockmühl, and G. Gorr. 2,066,105; Dec. 29.
Metal and producing the same. C. F. Sherwood. 2,065,618; Dec. 29.
Metal, Embossing sheet. L. V. Whistler. 2,066,085; Dec. 29.
Metals, Apparatus for sweating out fusible. W. F. Eppensteiner. 2,066,257; Dec. 29.
Meter construction, Detachable. W. G. Mylius. 2,066,299–300; Dec. 29.
Mill: *See*—
Crushing and grinding Tube mill.
mill.
Milling machine. G. T. Moo. 2,066,217; Dec. 29.
Minerals, Classification of. A. C. Munro. 2,065,722; Dec. 29.
Mining jack. H. F. Dietz. 2,066,175; Dec. 29.
Mining machine. J. S. Beltz and L. E. Mitchell. 2,066,195; Dec. 29.
Mining machine. N. D. Levin. 2,065,945; Dec. 29.
Mirror, Make-up. O. C. Ritz-Woller. 2,066,055; Dec. 29.
Moisture resisting composition for wood and the like. F. H. Lyons. 2,066,295; Dec. 29.
Mold for casting and stripping ingots, Combined metal. S. H. Griffiths. 2,065,969; Dec. 29.
Mono-azodyestuffs. R. Fleischhauer. 2,065,680; Dec. 29.
Monogram. I. Wolff. 2,065,918; Dec. 29.
Mop, Floor. J. D. Currie. 2,066,096; Dec. 29.
Motor: *See*—
Multispeed geared motor.
Motor. C. and L. M. Christian. 2,065,514; Dec. 29.
Motor control system. P. B. Harwood. 2,066,106; Dec. 29.
Mount for electron discharge devices. K. Dreyer. 2,065,667; Dec. 29.
Mounting and spring suspension, Automobile engine. N. T. Dietrich. 2,065,665; Dec. 29.
Mounting, Ophthalmic. G. A. Ellestad. 2,065,671; Dec. 29.
Mounting, Ophthalmic. L. Grossman. 2,065,935; Dec. 29.
Mowing attachment for trucks. H. W. Leavitt. 2,065,901; Dec. 29.
Multiple-acting overrunning clutch. A. H. Jessen. 2,065,938; Dec. 29.
Multispeed geared motor W. P. Schmitter and L. A. Graham. 2,065,753; Dec. 29.
Music transmission, Electric. G. von Arco and F. Schröter. 2,065,774; Dec. 29.
Neck protector. I. M. Vaughn. 2,066,084; Dec. 29.
Necktie, Four-in-hand. S. L. and M. L. Samter and J. A. McCarthy. 2,066,126; Dec. 29.
Neckties, Stitching. C. Schramm. 2,065,754; Dec. 29.
Net, Lifesaving. C. C. Lenz. 2,066,182; Dec. 29.
Noise suppression device for automobile radio receivers. E. O. Burton. 2,065,651; Dec. 29.
Nonspill vent plug. J. L. Woodbridge. 2,065,783; Dec. 29.
Nozzles on pipes, Forming branch. W. D. Weston. 2,065,915; Dec. 29.
Nut shelling machine. C. W. Strong. 2,065,544; Dec. 29.
N-Vinyl compounds, Production of. W. Reppe and E. Keyssner. 2,066,160; Dec. 29.
Obturator with variable opening for cine-picture taking apparatus, Automatic. J. Weissbrodt. 2,065,777; Dec. 29.
Oil, Apparatus for the treatment of hydrocarbon. H. Dimmig. 2,066,100; Dec. 29.
Oil burner. E. O. Benjamin. 2,066,026; Dec. 29.
Oil filter. C. A. Compton. 2,065,658; Dec. 29.
Oil from various substances, Expelling. R. T. Anderson. 2,065,848; Dec. 29.
Oil, Fuel. D. A. Howes. 2,065,588; Dec. 29.
Oil purification and fractionation and apparatus for same. V. G. Shinkle. 2,065,619; Dec. 29.
Oil stock, Decolorizing a lubricating. W. A. Eberle and M. B. Hopkins. 2,066,200; Dec. 29.
Oils, Purifying and dewaxing mineral. G. J. Strezynski. 2,066,164–5; Dec. 29.
Oils, Treatment of hydrocarbon. J. Cutter. 2,066,097; Dec. 29.
Ore, Roasting. B. M. Carter and H. F. Merriam. 2,065,563; Dec. 29.
Organic compounds from unsaturated hydrocarbons, Production of oxygenated. H. G. Schneider. 2,065,540; Dec. 29.
Oscillator and modulator. H. F. Elliott. 2,065,672; Dec. 29.
Oxygen-enriched mixtures from air, Producing. R. Linde. 2,066,115; Dec. 29.
Packing, Armored machinery. C. R. Hubbard. 2,066,270; Dec. 29.
Pan for scrub palls, Drip. B. Kasik. 2,065,591; Dec. 29.
Paper and the like, Coating and ornamenting. A. M. Overton and H. C. Fisher. 2,065,925; Dec. 29.
Paper, Apparatus for treating or impregnating. A. D. Whipple and C. W. Davis. 2,065,636; Dec. 29.
Paper, Negotiable instrument safety. O. Moore. 2,065,605; Dec. 29.
Parking device. J. L. Barr. 2,065,958; Dec. 29.
Paste dispenser. W. Riederer. 2,065,825; Dec. 29.
Pattern. H. L. Pierson. 2,065,734; Dec. 29.
Perishables, Apparatus for preserving. E. T. Murphy and A. E. Meling. 2,066,013; Dec. 29.
Peroxide, Manufacture of. J. B. Pierce, Jr. 2,066,015; Dec. 29.
Petroleum products, Treating. W. C. Merchant. 2,066,213; Dec. 29.
Phase modulation. G. L. Usselman. 2,065,842; Dec. 29.
Photographic emulsion. W. Dieterle. 2,066,099; Dec. 29.
Phototube. H. Nelson. 2,065,723; Dec. 29.
Phototube. M. C. Teves. 2,066,081; Dec. 29.
Pick and pick loom, Weft replenishing. W. H. Wakefield. 2,065,776; Dec. 29.
Pictures, Projection of moving. E. B. Patterson. 2,066,158; Dec. 29.
Pigment manufacture. A. M. Brooks and H. R. Rafton. 2,066,066; Dec. 29.
Pigments, Manufacture of composite titanium. L. W. Ryan and W. J. Cauwenberg. 2,066,074; Dec. 29.
Pile, Concrete. E. C. Alexander. 2,065,507; Dec. 29.
Pipe: *See*—
Irrigating pipe. Smoker's pipe.
Pipes, pillars, and other cylindrical forms in plastic materials, Apparatus for molding. J. D. Hall. 2,066,288; Dec. 29.
Piston and connecting rod construction. W. C. Bell and W. N. Fischer. 2,065,509; Dec. 29.
Piston ring. C. A. Marien. 2,065,817; Dec. 29.
Planographic printing machine. L. H. Morse. 2,065,535; Dec. 29.
Plastics, Method and device for testing heat sensitive. L. M. Rossi and G. L. Peakes. 2,066,016; Dec. 29.
Plate, Strike. W. Peace. 2,065,732; Dec. 29.
Platform for vehicles, Slidable tippie. J. L. Stratton and A. J. Henry. 2,065,833; Dec. 29.
Plug: *See*—
Nonspill vent plug. Spark plug.
Plug valve. S. J. Nordstrom. 2,065,726; Dec. 29.
Potentiometer. T. R. Harrison. 2,065,805; Dec. 20.
Powder, Making fat-containing. E. J. Fechner. 2,065,675–6; Dec. 29.
Power amplifying device. E. G. Staude. 2,065,911; Dec. 29.
Power attachment for lawn mowers. J. E. Cregier. 2,066,174; Dec. 29.
Power transmitting device, Multispeed. J. J. Shively. 2,065,620; Dec. 29.
Press of the revolving disk type, Platen job. G. A. Rutkoskie. 2,065,740; Dec. 29.
Press rollers, Adjusting means for printing. P. W. Cowan. 2,066,031; Dec. 29.
Pressing machine. P. Marcellitti. 2,066,011; Dec. 29.
Priming composition. A. Weale. 2,065,929; Dec. 29.
Printing method and apparatus therefor, Continuous. R. B. Keller. 2,066,179; Dec. 29.
Product for use in roentgenography and preparing it. T. O. Menees and J. D. Miller. 2,065,718; Dec. 29.
Protective apparatus for alternating current power systems. S. B. Crary. 2,066,143; Dec. 29.
Protective compositions. E. R. Hanson. 2,066,002; Dec. 29.
Protector: *See*—
Guard protector. Neck protector.
Pulverizer. H. R. Collins. 2,066,139; Dec. 29.
Pump: *See*—
Water pump. Well pump.
Pump. O. H. Dorer. 2,065,666; Dec. 29.
Pump construction. E. G. Staude. 2,065,912; Dec. 29.
Pyritic materials, Treatment of. C. R. Arnold and F. N. Moerk. 2,065,547; Dec. 29.
Rack for seed packages and the like, Display. G. B. Weaver. 2,065,845; Dec. 29.
Radiator. E. S. Cornell. 2,065,515; Dec. 29.
Radiator, Automobile. S. Przyborowski. 2,066,279; Dec. 29.
Radio receiver. W. L. Carlson. 2,065,652; Dec. 29.
Radio transmitting stations, Apparatus for identifying short-wave foreign. K. Riegler. 2,066,089; Dec. 29.
Rake for canals, Moss. A. Pearson. 2,065,733; Dec. 29.
Rake, Lawn. N. H. Sherman. 2,065,830; Dec. 29.
Rake, Metal. C. Greenwood. 2,066,036; Dec. 29.
Rayon packages, Use in spinning and in liquid treating tubular. C. A. Huttinger. 2,065,526; Dec. 29.
Razor. R. W. Meyer. 2,066,214; Dec. 29.
Razor and blade magazine therefor. O. V. Rodrigues. 2,065,748; Dec. 29.
Razor and blade therefor, Safety. G. E. Mignon. 2,066,215; Dec. 29.
Razor blade and the like and the production thereof, Safety. A. J. Claisse. 2,065,654; Dec. 29.
Razor, Safety. O. J. Herb. 2,065,585; Dec. 29.
Rear vision device for vehicles. F. W. Reisert. 2,065,745; Dec. 29.

Receiving system. R. E. Mathes. 2,066,047; Dec. 29.
Receptacle: *See*—
Soap receptacle.
Record feeding device. F. M. Carroll and J. H. Bakelaar. 2,066,305; Dec. 29.
Recorder: *See*—
Sound recorder.
Recording and record feeding device. F. M. Carroll and J. H. Bakelaar. 2,066,029; Dec. 29.
Records, Reproduction of photographic. J. Eggert and R. Schmidt. 2,066,102; Dec. 29.
Reel: *See*—
Film reel.
Reflector. J. A. McKay. 2,065,599; Dec. 29.
Refrigerating apparatus. D. E. Maccabee. 2,065,596; Dec. 29.
Refrigerating apparatus. R. K. Miller. 2,065,604; Dec. 29.
Refrigerating apparatus. L. A. Philipp. 2,065,536–7; Dec. 29.
Refrigerating apparatus. D. H. Reeves. 2,065,538; Dec. 29.
Refrigerating apparatus. J. Smilack. 2,066,235; Dec. 29.
Refrigerating apparatus. H. F. Smith. 2,065,542–3; Dec. 29.
Refrigerating apparatus. H. F. Smith. 2,066,236; Dec. 29.
Refrigerating system. H. M. Graham. 2,065,579; Dec. 29.
Refrigerating system, Reversible. E. W. Roessler. 2,066,161; Dec. 29.
Refrigeration. E. Rice, Jr. 2,065,984; Dec. 29.
Refrigeration, Apparatus for. E. Rice, Jr. 2,065,986–7; Dec. 29.
Refrigeration, Method and apparatus for. E. Rice, Jr. 2,065,985; Dec. 29.
Register for distributors of ignition systems. W. Hughes. 2,066,111; Dec. 29.
Regulator: *See*—
Window regulator.
Removable straightening tool. W. R. Keever. 2,065,896; Dec. 29.
Resins, Manufacture of. W. B. Borst. 2,066,090; Dec. 29.
Resins, Manufacture of. J. C. Morrell. 2,066,120; Dec. 29.
Respirator. F. Wahlert. 2,065,775; Dec. 29.
Retorts and chamber ovens, Operation of. F. Breitbach. 2,065,963; Dec. 29.
Retractible roller screen. A. Lang. 2,065,813; Dec. 29.
Ridge breaker. M. B. Woods. 2,065,956; Dec. 29.
Rim for vehicle wheels, Detachable. J. W. Mijnssen. 2,065,866; Dec. 29.
Ring: *See*—
Finger ring. Piston ring.
Road divide. O. J. Morrison. 2,066,219; Dec. 29.
Rocker stud bearing. W. T. Thacker. 2,066,240; Dec. 29.
Roll sheet cutting machine. C. J. Beck. 2,065,503; Dec. 29.
Roller bit. C. E. Reed. 2,065,743; Dec. 29.
Roller support, Web guiding. A. J. Horton. 2,066,306; Dec. 29.
Roof, Flexible car. K. J. Tobin. 2,065,838; Dec. 29.
Rope drum for axminster looms. W. W. Robertson. 2,065,746; Dec. 29.
Rubber compound and making the same. G. S. Hiers. 2,065,937; Dec. 29.
Rubber, Vulcanization of. L. H. Howland. 2,065,587; Dec. 29.
Running gear. G. L. Knox. 2,065,924; Dec. 29.
Sacking and weighing machine, Automatic. R. Jarrier. 2,065,527; Dec. 29.
Saddle seat. H. M. Pryale, S. C. Clark, and D. R. Cotterman. 2,066,225; Dec. 29.
Safety device for elevating or translating mechanism. A. E. Robinson. 2,066,073; Dec. 29.
Safety joint. M. Black. 2,065,932; Dec. 29.
Sash lock, Automobile. D. L. Chandler. 2,066,287; Dec. 29.
Scale, Weighing. R. C. Barler and C. Burkhard. 2,066,242; Dec. 29.
Scarf holder. N. Levy. 2,065,903; Dec. 29.
Score board. F. Summers. 2,065,624; Dec. 29.
Screen: *See*—
Retractable roller screen.
Seat: *See*—
Saddle seat.
Securing device for cables or the like. J. H. Van Uum. 2,065,843; Dec. 29.
Seed and fertilizer distributor, Lawn. G. Marisdale. 2,065,717; Dec. 29.
Selective detection. P. O. Farnham. 2,065,890; Dec. 29.
Separable fastener. S. Quisling. 2,066,062; Dec. 29.
Separable fastener. G. Sundback. 2,066,059; Dec. 29.
Separable interlocking fastener. H. E. Sipe. 2,066,060; Dec. 29.
Separator: *See*—
Cinder separator.
Sewage, Method and aparatus for filtering. P. M. Thayer. 2,065,836; Dec. 29.
Sewing machine. H. F. Briggs and R. N. Cundall. 2,065,885; Dec. 29.
Sewing machine support. W. A. Smith. 2,066,017–18; Dec. 29.
Shaft operating and locking device. G. E. Swartz. 2,066,167; Dec. 29.
Shaking mechanism. H. C. Dempsey and E. P. Stimmel. 2,065,798; Dec. 29.
Sheet, Composition. A. C. Fischer. 2,065,522; Dec. 29.
Sheet separating mechanism. K. Blaettner. 2,066,196; Dec. 29.
Shelf for gas ovens. C. R. Spine and L. Calaluca. 2,066,237; Dec. 29.
Shelf, Refrigerator. W. F. Schulz. 2,066,303; Dec. 29.
Shingle planing machine. E. E. Glimer. 2,065,801; Dec. 29.
Ship stabilizer. H. Hort. 2,066,150; Dec. 29.
Shipping and dispensing can. J. H. Miller. 2,065,603; Dec. 29.
Shipping unit. E. I. Burke. 2,065,650; Dec. 29.
Shock absorber system, Hydraulic. J. Spyker. 2,065,832; Dec. 29.
Shoe and making the same. F. L. Ayers. 2,065,786; Dec. 29.
Shoe and shoe manufacture. K. Engel. 2,065,569; Dec. 29.
Shoe press. D. Russo. 2,065,613; Dec. 29.
Shuttle changing loom. R. G. Turner. 2,065,771; Dec. 29.
Side bearing. A. Stucki. 2,065,763; Dec. 29.
Sign. W. S. Rockwell. 2,065,872; Dec. 29.
Signaling. H. O. Roosenstein and W. Runge. 2,065,826; Dec. 29.
Signaling device. C. R. Weinert. 2,065,635; Dec. 29.
Signaling means. G. Muffly. 2,066,156; Dec. 29.
Signaling system. T. H. Neely. 2,065,905; Dec. 29.
Silk packages, Drying artificial. K. Moog. 2,065,981; Dec. 29.
Sinker, Fish bait. S. T. and S. N. Edel. 2,065,854; Dec. 29.
Slicing machine. J. Folk. 2,065,572; Dec. 29.
Slide rest, Universal automatic. F. C. Blanchard. 2,065,933; Dec. 29.
Slider for slide fasteners. G. Sundback. 2,066,061; Dec. 29.
Smoker's pipe. E. H. Schwarz. 2,065,755; Dec. 29.
Snow plow. F. V. Lestina. 2,066,207; Dec. 29.
Soap composition. J. B. Lewis and J. C. Bird. 2,066,208; Dec. 29.
Soap receptacle. J. L. Fine. 2,065,799; Dec. 29.
Sodium aluminate. D. Lurie. 2,066,209; Dec. 29.
Sodium perborate, Direct process for making. J. S. Reichert. 2,065,744; Dec. 29.
Solar water heater. H. M. Carruthers. 2,065,653; Dec. 29.
Sole and heel structure. L. Grover. 2,065,856; Dec. 29.
Soles for shoes, Manufacture of. J. Harrington, Jr. 2,065,692; Dec. 29.
Sound from an endless band of photographic film, Apparatus for reproducing. D. von Mihaly. 2,065,954; Dec. 29.
Sound recorder. M. E. Collins. 2,066,140; Dec. 29.
Sound reproducing apparatus. J. R. Kiel. 2,066,041; Dec. 29.
Sound transmission. R. R. Glen. 2,065,578; Dec. 29.
Soy bean compound for aging grain distillate. J. T. Finley. 2,066,263; Dec. 29.
Spark plug. I. F. Echave and A. G. Caldararo. 2,065,567; Dec. 29.
Speed mechanism, Change. H. J. Perazzoli. 2,066,050; Dec. 29.
Spigot. A. C. Wischmeyer. 2,065,846; Dec. 29.
Spray deflector. F. Balensiefer. 2,065,549; Dec. 29.
Spring device. E. H. Piron. 2,066,187; Dec. 29.
Spring-shackle. F. B. Mullin. 2,065,822; Dec. 29.
Spring shackle, Wear compensating. W. A. Tryon. 2,065,840; Dec. 29.
Stacker or loader. A. T. Fay, Jr. 2,065,673; Dec. 29.
Stamping machine, Multicolor. H. Gould and F. Ackerman. 2,065,690; Dec. 29.
Stapling machine. W. G. Pankonin. 2,066,157; Dec. 29.
Starting and ignition system. J. L. Arthur. 2,065,882; Dec. 29.
Starting mechanism. L. Martino. 2,065,948; Dec. 29.
Steam engine, Reciprocating. J. E. Johansson. 2,066,151; Dec. 29.
Steam generating and superheating installation. J. E. Wood. 2,065,782; Dec. 29.
Steam heating apparatus, Vacuum. I. C. Jennings. 2,065,704; Dec. 29.
Steamer and preheater for corrugating machines. W. C. George. 2,065,576; Dec. 29.
Steering device for motor vehicles. H. A. Centervall. 2,065,513; Dec. 29.
Steering mechanism. H. E. Pulleyblank. 2,065,611; Dec. 29.
Sterilizing by heated air, Apparatus for. K. Jandat. 2,065,895; Dec. 29.
Stock, Method of and apparatus for working paper. A. J. Haug. 2,066,107; Dec. 29.
Stoker construction. R. L. Beers. 2,065,552–3; Dec. 29.
Stoker construction. R. L. Beers. 2,065,555; Dec. 29.
Stone spreading machine. J. N. Heltzel. 2,065,698; Dec. 29.
Stop device for automobiles. S. Di Renzo. 2,066,199; Dec. 29.
Stop motion for terry towel looms, Electric warp. O. V. Payne. 2,065,731; Dec. 29.

Stopper, Ink bottle. A. W. Keuffel and J. J. Lippoth. 2,066,007; Dec. 29.
Strap holder, Lingerie. G. L. Smith. 2,065,831; Dec. 29.
Structure of veneered buildings. F. C. Gordon. 2,066,035; Dec. 29.
Stub puller and forming the same. L. L. Zihler. 2,066,132; Dec. 29.
Sugar solutions, Filtration of starch converted. C. J. Copland. 2,066,141; Dec. 29.
Sulphide derivatives, Hydroxy diphenyl. T. B. Johnson. 2,065,808; Dec. 29.
Sulphonates of active bases and preparing the same, Oil soluble. H. E. Buc. 2,066,197; Dec. 29.
Support: *See*—
Adjustable support. Sewing machine support.
Garment support. Utensil support.
Roller support.
Surface decorating method and apparatus. G. von Webern. 2,065,545; Dec. 29.
Surfaces on gear shaped cutters and the like, Method of and apparatus for generating curved. O. G. Simmons. 2,065,950; Dec. 29.
Suspension for vehicles. H. A. Knox and T. H. Nixon. 2,065,532; Dec. 29.
Swatter, Fly. H. W. Buhler. 2,066,248; Dec. 29.
Switch: *See*—
Electric switch. Thumb switch.
Syringe. A. J. Williams. 2,065,779; Dec. 29.
Tag, Detachable. L. E. Williams. 2,065,916–7; Dec. 29.
Tank filler tube, Theft preventing. W. Jay. 2,066,202; Dec. 29.
Telegraph receiver, Carrier. C. A. Borgeson. 2,065,640; Dec. 29.
Telephone and fire dispatch system, Combined. R. C. Bradford. 2,065,642; Dec. 29.
Telephone system. H. Hovland. 2,065,894; Dec. 29.
Telephone system, Intercommunicating. W. M. Beaumont. 2,065,883; Dec. 29.
Television in color. S. B. Colgate. 2,065,887; Dec. 29.
Television system. A. Nyman. 2,066,048; Dec. 29.
Temperature control. D. G. Taylor. 2,065,835; Dec. 29.
Temperature control apparatus, Automatic. F. F. Uehling. 2,065,841; Dec. 29.
Temperature responsive device. K. H. Hubbard. 2,065,703; Dec. 29.
Tent, Automobile dressing. T. G. Schmeiser. 2,066,078; Dec. 29.
Tenter clip. C. H. Weber. 2,065,913; Dec. 29.
Textiles, Manufacture of. A. W. Drobile and G. S. Hiers. 2,065,853; Dec. 29.
Thermodynamic energy storage. F. Marguerre. 2,065,974; Dec. 29.
Thermostatic control. J. A. Spencer. 2,066,162; Dec. 29.
Thermostatic valve. J. A. Kinnard. 2,065,812; Dec. 29.
Thioethers from mercaptans, Production of. W. Seaman and J. R. Huffman. 2,066,189; Dec. 29.
Thioethers, Preparation of olephinic. L. B. Turner. 2,066,191; Dec. 29.
Thread-cleaning attachment for winding. J. Barney. 2,065,991; Dec. 29.
Throttle control for engines, Fluid pressure. E. A. Rockwell. 2,065,909; Dec. 29.
Thumb switch. W. T. Weidenman. 2,066,022; Dec. 29.
Time lock, Delayed control. W. C. Miller and C. W. Kuenzel. 2,065,867; Dec. 29.
Tire expander. W. G. Lerch and M. T. Bryant. 2,065,943; Dec. 29.
Tire for self-propelled road vehicles, Rubber. E. Goldstein. 2,065,968; Dec. 29.
Tire tread. P. E. Hawkinson. 2,065,696–7; Dec. 29.
Tires, Curing. H. A. Freeman. 2,066,265; Dec. 29.
Tires, Manufacture of pneumatic. L. Herbert and A. Frölich. 2,065,971; Dec. 29.
Titanium compounds from titanium-containing ore, Extracting. W. Canwenberg. 2,066,093; Dec. 29.
Tobacco and the like, Apparatus for A. Podmore. 2,066,053; Dec. 29.
Tool: *See*—
Cutting and beveling tool. Removable straightening tool.
Garden tool.
Machine tool.
Tool and making same. M. G. Kreag. 2,065,898; Dec. 29.
Tooth brush. G. Trattner and C. E. Kovach. 2,066,241; Dec. 29.
Tooth brush and tooth paste holder. F. M. Bouchard. 2,065,641; Dec. 29.
Tower, Hoisting. R. V. Payne. 2,066,221; Dec. 29.
Toy apparatus, Sounding. F. J. Palombo, Sr., and F. J. Palombo, Jr. 2,065,823; Dec. 29.
Toy, Dancing doll. R. G. Tahsler. 2,066,239; Dec. 29.
Toy gun. H. C. Grawunder. 2,065,580; Dec. 29.
Toy telephone. H. Bregman. 2,066,064–5; Dec. 29.
Track for track-laying vehicles. G. M. Barnes. 2,065,508; Dec. 29.
Tractor. A. E. McCoy. 2,065,598; Dec. 29.
Transformer unit. L. G. Ketcham. 2,065,711; Dec. 29.
Translating device. G. E. Perreault. 2,065,907; Dec. 29.
Translator device for hole combinations. M. Maul. 2,065,864; Dec. 29.
Transmission, Hydraulic. F. J. Ramsey. 2,065,737; Dec. 29.
Trap: *See*—
Animal trap.
Tray, Self-freezing ice. D. B. Knight. 2,066,042; Dec. 29.
Trolley harp. N. D. Levin. 2,065,944; Dec. 29.
Trough, Automatic feed. J. M. Fisher. 2,066,264; Dec. 29.
Tube: *See*—
Electron tube. Tank filler tube.
Tube evacuator and severing device. H. G. Bauman. 2,066,245; Dec. 29.
Tube, Making a metal. J. A. Zublin and C. W. Hitt. 2,066,025; Dec. 29.
Tube mill. J. L. C. McKay-Clements. 2,066,138; Dec. 29.
Tubes, Apparatus for making. C. W. Hitt. 2,066,004; Dec. 29.
Tubular product and manufacture thereof. A. S. Lynch. 2,065,595; Dec. 29.
Tuner for radio receivers, Selective. W. T. Bolton. 2,066,246; Dec. 29.
Turbine. W. E. Methvin. 2,065,865; Dec. 29.
Typewriting and computing machine, Combined. O. Thieme. 2,066,128; Dec. 29.
Typewriting machine. R. G. Thompson. 2,065,629; Dec. 29.
Universal joint. J. Faure and A. P. Chavrier. 2,065,999; Dec. 29.
Utensil, Kitchen. S. B. Clift. 2,065,886; Dec. 29.
Utensil support. R. M. Sargent. 2,065,875; Dec. 29.
V-belt. R. E. S. Geare. 2,066,266; Dec. 29.
Vacuum cleaner. G. E. Lofgren. 2,065,592; Dec. 29.
Valve: *See*—
Gas valve. Thermostatic valve.
Plug valve.
Valve. E. S. Clark. 2,066,250; Dec. 29.
Valve. J. Humblet. 2,066,112; Dec. 29.
Valve. B. F. Williams. 2,065,637; Dec. 29.
Valve and pump construction for internal combustion engines, Port. H. A. Gehres. 2,065,688; Dec. 29.
Valve construction. J. H. Taylor and E. H. Taylor. 2,065,628; Dec. 29.
Valve seats, Installing. R. Burston. 2,066,136; Dec. 29.
Valve spring retainer lock. A. T. Colwell. 2,065,794; Dec. 29.
Valved coupling. R. Ravelo. 2,066,122; Dec. 29.
Vegetable matter, Preserving. G. Madaus. 2,065,863; Dec. 29.
Vehicle. J. A. Dorst. 2,065,516; Dec. 29.
Vehicle. R. Laborda. 2,066,043; Dec. 29.
Vehicle chassis frame. W. Swallow. 2,066,019; Dec. 29.
Vehicle lifting and rocking apparatus, Combined. P. J. Kroll. 2,065,714; Dec. 29.
Vehicle structure, Railway. C. F. Fredo. 2,065,573; Dec. 29.
Ventilator: *See*—
Window ventilator.
Vessel, Liquid cooled vacuum. W. Dällenbach. 2,065,660; Dec. 29.
Vibrator. E. J. Mastney. 2,065,597; Dec. 29.
Vibrator for mixers. A. W. Rybeck. 2,065,827; Dec. 29.
Viscosity device, Automatic. R. L. Buttari. 2,066,249; Dec. 29.
Wallboard securing means. P. J. Keating. 2,066,205; Dec. 29.
Wall, Building. E. M. Jenkins. 2,066,005; Dec. 29.
Wall for truncated conical container and making the same, Side. J. Olson and R. E. Williamson. 2,065,609; Dec. 29.
Wall structure and making the same. G. L. Bennett. 2,065,510; Dec. 29.
Wall structure, Building. M. G. Clark. 2,065,920; Dec. 29.
Walls, Forming. G. E. Westberg. 2,065,930; Dec. 29.
Walls, Weatherproofing of. H. S. Smith. 2,065,623; Dec. 29.
Warning mechanism, Suction actuated. A. F. Gillet. 2,066,000; Dec. 29.
Washing machine. L. D. Schmidt. 2,066,232; Dec. 29.
Washing machine mechanism. J. T. Garubo. 2,065,680; Dec. 29.
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Water, Apparatus for heating. P. G. Swars. 2,066,190; Dec. 29.
Water circulating means. R. C. Bolsinger. 2,065,789; Dec. 29.
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Water level gauge. P. A. Jerguson. 2,065,705; Dec. 29.
Water pump. B. A. Swennes. 2,065,834; Dec. 29.
Water sands by a hydratable material, Plugging. G. E. Cannon. 2,065,512; Dec. 29.
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Weather strip. F. Reese. 2,066,188; Dec. 29.
Web feeding mechanism. A. J. Horton. 2,066,307; Dec. 29.
Weighing apparatus. H. E. McCrery. 2,066,012; Dec. 29.
Weighing machine. F. Brown. 2,065,964; Dec. 29.
Welding apparatus. A. F. de Viney. 2,065,662; Dec. 29.
Welding apparatus. F. L. Re Qua. 2,066,123; Dec. 29.
Welding apparatus. R. M. Stephens and V. J. Chapman. 2,066,163; Dec. 29.
Well elevator. W. W. Wilson. 2,065,781; Dec. 29.
Well pump. J. C. Shaffer and R. E. Lee. 2,065,541; Dec. 29.
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Wheel. C. W. Sinclair. 2,066,233; Dec. 29.
Wheel balancing device. A. S. Van Halteren. 2,065,633; Dec. 29.
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Wind tunnel balance. P. H. Adams. 2,065,496; Dec. 29.
Window. J. P. Barbay. 2,066,134; Dec. 29.
Window elevating mechanism. D. L. Chandler. 2,066,285; Dec. 29.
Window regulator. F. Y. Gates. 2,066,034; Dec. 29.
Window regulator. J. H. Roethel. 2,066,056–7; Dec. 29.
Window sliding lock, Automobile. D. L. Chandler. 2,066,286; Dec. 29.
Window structure. C. L. Pettit. 2,066,051; Dec. 29.
Window ventilator. W. H. Maynard. 2,066,118; Dec. 29.
Wire, Metal shielded. N. H. Jack. 2,066,201; Dec. 29.
Wrapping machine. S. B. Field. 2,066,260; Dec. 29.
Yarn, Treatment of. C. Dreyfus and G. R. Blake. 2,065,996; Dec. 29.
Yarns, filaments, and the like, and product thereof, Making. C. Dreyfus and W. Whitehead. 2,065,518; Dec. 29.
Zinc oxide. F. B. Gearhart and F. A. Steele. 2,065,087; Dec. 29.

CLASSIFICATION OF PATENTS

ISSUED DECEMBER 29, 1936

NOTE.—First number—class, second number—subclass, third number—patent number

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U. S. GOVERNMENT PRINTING OFFICE: 1936

Patents Nos. 2,062,280 to 2,063,007

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Patents	728—No.	2,062,280 to No.	2,063,007, inclusive.
Designs	125—No.	102,121 to No.	102,245, inclusive.
Total	1,150		

Notice of Cancellation

U. S. PATENT OFFICE, *Washington, Nov. 3, 1936.*

Jean Gray, her assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Dorothy Gray Salons, 192 Bloomfield Avenue, Bloomfield, New Jersey, to effect the cancellation of trade-mark registration No. 302,448, issued April 18, 1933, to Jean Gray, 1106 New York Avenue, N. W., Washington, D. C., and a notice of such proceeding sent by registered mail to said Jean Gray at said address having been returned by the post office as undeliverable, notice is hereby given that unless said Jean Gray, her assigns or legal representatives, shall enter an appearance within thirty days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Adjudicated Patents

(C. C. A. Nev.) Turnbull patent, No. 1,304,416, for traction-engine, claims 1, 2, 5, and 6 *Held* valid and infringed. *Reinharts, Inc.*, v. *Caterpillar Tractor Co.*, 85 F.(2d) 628.

(C. C. A. Nev.) Holt patent, No. 1,314,651, for auto-tractor, claims 4, 5, 6, and 7 *Held* valid and infringed. *Id.*

(C. C. A. Nev.) Norelius patent, No. 1,317,653, for trailer-wagon, claim 5 *Held* invalid. *Id.*

(C. C. A. Nev.) Wickersham patent, No. 1,356,679, for traction-engine, claims 17 and 21 *Held* valid and infringed. *Id.*

(D. C. Calif.) Greer patent, No. 1,460,716, for book-form savings bank, claim 6 *Held* not infringed. *Greer* v. *Erickson*, 16 F. Supp. 59.

(D. C. Mich.) Barr and Jackson patent, No. 1,466,656, for electric toaster, claim 11 *Held* valid but not infringed. *Le Vine* v. *Montgomery Ward & Co.*, 16 F. Supp. 235.

(D. C. Conn.) Chaney patent, No. 1,497,543, for adsorptive carbon and process of making the same, claims 14 and 17 *Held* valid and infringed. *National Carbon Co.* v. *Richards & Co.*, 16 F. Supp. 239.

(D. C. Conn.) Chaney patent, No. 1,497,544, for adsorbent charcoal and process for making the same, claims 9 and 11 *Held* valid and infringed. *Id.*

(C. C. A. Nev.) Whitacre patent, No. 1,744,516, for crawler tractor, claims 5, 26, 27, 28, 29, 30, 31 and 36 *Held* valid and infringed. *Reinharts, Inc.*, v. *Caterpillar Tractor Co.*, 85 F.(2d) 628.

(D. C. Mich.) Le Vine patent, No. 1,820,885, for electric toaster, claim 1 *Held* not infringed. *Le Vine* v. *Montgomery Ward & Co.*, 16 F. Supp. 235.

(C. C. A. Calif.) Van der Grinten patent, No. 1,821,281, for manufacture of diazo-types, claims 1, 3, 4, 7, 8, 16, 25, 40, and 41 *Held* infringed. *Van der Grinten* v. *Dieterich-Post Co.*, 85 F.(2d) 637.

Disclaimers

1,957,249.—*Josef Dantscher*, Berlin-Reinickendorf-Ost, Germany. ELECTRON DISCHARGE APPARATUS. Patent dated May 1, 1934. Disclaimer filed November 7, 1936, by the assignee, *General Electric Company*.
Hereby enters this disclaimer to claim 1.

2,042,335.—*Paul J. Glaister*, Edgewood, and *Herbert L. Rawlins*, Wilkinsburg, Pa. CIRCUIT INTERRUPTER. Patent dated May 26, 1936. Disclaimer filed October 31, 1936, by the assignee, *Westinghouse Electric & Manufacturing Company*.
Hereby enters this disclaimer to claims 1, 4, 5, 11 and 12 of the specification.

Condition of Applications Under Examination at Close of Business November 14, 1936

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 34,766; Trade-Mark Division, 1,676. Oldest new case, May 13, 1936; oldest amended, May 19, 1936.) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application awaiting office action	Oldest amended action by applicant awaiting office action	No. of applications awaiting action
6624	1. LOEFFLER, F. A., Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Aug. 24	Aug. 25	295
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco, Velocipedes; Butchering; Bee Culture.	June 25	June 25	1,022
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	Aug. 15	Aug. 15	373
7083	4. DONNELLY, A. E. (Act.), Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	July 11	July 20	556
3077	5. MACNAB, J. F., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons, Etc.	Aug. 10	Aug. 10	436
4896 C	6. LEWERS, A. M., Carbon Chemistry (part)	Aug. 5	Aug. 7	717
5725	7. JARBOE, C. G., Optics; Photography	Aug. 17	Aug. 17	723
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Sept. 3	Aug. 27	451
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Sept. 1	Sept. 2	352
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops; Vehicle Fenders	Aug. 24	Aug. 25	337
5087 B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Aug. 22	Aug. 27	374
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms	Aug. 17	Aug. 17	334
5006	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Sept. 10	Sept. 8	367
5097	14. SMITH, O. A. (Act.), Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes	July 31	July 27	578
4897	15. HENKIN, BENJ. (Act.), Glass; Plastic Block and Earthenware Apparatus; Plastics	Aug. 18	Aug. 18	827
5612	16. SPENCER, C. J., Telegraphy; Telephony	Aug. 1	Aug. 1	729
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Aug. 15	Aug. 16	556
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	July 16	July 14	463
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Aug. 6	Aug. 3	668
6605	20. BROWN, L. M., (Act.) Miscellaneous Hardware; Closure Fasteners; Locks; Latches; Safes; Undertaking; Bread, Pastry, and Confection Making.	Aug. 8	Aug. 8	416
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	Aug. 17	Aug. 20	580
5724	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Aug. 22	Aug. 22	554
7624	23. BUTTNER, W. J. (Act.), Coin Handling; Recorders; Registers	May 13	May 19	523
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Aug. 20	Aug. 31	477
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Aug. 10	Aug. 10	526
5893	26. ADAMS, W. M., Electricity; Generation; Motive Power	Aug. 28	Aug. 28	317
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	July 7	July 3	791
4628	28. SOLYOM, H. L., Internal-Combustion Engines	July 30	Aug. 1	357
5082	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Aug. 15	Aug. 15	526
4083	30. SHIFMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	July 20	July 16	665
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Aug. 17	Aug. 15	510
4086	32. ARMSTRONG, HOWARD M. (Act.), Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation, Agitating.	Aug. 17	Aug. 22	459
6096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	Aug. 17	Aug. 10	745
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Aug. 21	Aug. 19	429
3605	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	July 17	July 17	644
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Aug. 12	Aug. 4	235
5886 B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	July 29	July 28	593
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stoneworking; Wells; Plastic Compositions.	Aug. 28	Sept. 1	369
4872	39. WHITNEY, F. I., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Sept. 15	Sept. 15	286
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	July 10	July 15	1,078
6082	41. WHITNEY, M. L., Railway and Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes; Railway Draft Appliances; Spring Devices; Typewriting Machines.	July 31	July 27	453
5882	42. CUTTINO, H. O., Electric Signaling	Aug. 8	July 20	418
4886 B	43. KLINGE, E. F., Medicines, Poisons and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Aug. 14	Aug. 14	645
4087 B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Aug. 8	Aug. 1	620
7097	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling.	Aug. 17	Aug. 24	302
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Aug. 8	Aug. 8	567
7600	47. BARKER, H., Clutches; Brakes	Aug. 24	Aug. 25	477
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	Aug. 15	Aug. 15	520
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Aug. 10	Aug. 10	441
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Aug. 15	Aug. 15	518
5628	51. BACKUS, C. D., Radiant Energy	Aug. 22	Aug. 22	615
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Aug. 17	Aug. 25	469
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	July 24	July 21	876
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	Aug. 19	Aug. 19	343
6887	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	July 3	July 6	687
4725	56. CHANDLER, G. V. (Act.), Electrochemistry; Laminated Fabrics; Paper Making, Substance Preparation	Aug. 14	Aug. 14	857
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Aug. 6	Aug. 15	298
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	Aug. 12	Aug. 11	345
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part).	Aug. 7	Aug. 26	447
5896	60. GLASS, R. L., Electricity, Heating, and Welding; Batteries; Resistances and Rheostats; Prime-Mover Dynamo Plants.	July 13	July 13	564
6724	61. PARKS, G. E., Laminated Electrical Insulation, Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Aug. 31	Aug. 26	274
3876	62. PUGH, E. C., Games; Geometrical Instruments	Aug. 7	Aug. 7	491
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, Fermentation	Aug. 17	Aug. 17	363
4706	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Aug. 25	Aug. 25	695
5624	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	June 10	June 11	773
2099 B	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND {Trade-Marks	Oct. 9	Oct. 27	1,363
	{Labels and Prints	Oct. 14	Oct. 31	313
2605	DESIGNS, H. H. KALUPY	Oct. 16	Nov. 4	470

DECISIONS IN PATENT AND TRADE-MARK CASES

Commissioner's Decision

EX PARTE HAMMOND

Decided October 21, 1936

REISSUE APPLICATION—NOT CONVERTIBLE INTO ORIGINAL APPLICATION.

An application for reissue *Held* not convertible into an original application since reissue and original patents are different in term and purpose and are granted under different statutes.

ON PETITION.

Mr. Charles W. Hills for Hammond.

JUSTIN W. MACKLIN, *First Assistant Commissioner:*

Applicant has filed a petition to the Commissioner to reconsider his decision (by the Supervisory Examiner) on applicant's former petition requesting that his application be converted from a reissue application to a "regular" application.

The petitioner urges that "For almost two years, applicant was lead by the actions in the application to believe that claims to both forms of the invention would be allowed." He says that it appears that unless the petition is granted applicant will be deprived of protection to which he is equitably and rightfully entitled. The error by which this situation arises, while possibly resulting in hardship upon the applicant, seems nevertheless to be primarily on the part of the attorney.

The former opinion said that the reissue applied for and the regular application into which its conversion is sought are filed under different sections of the statute and seek protection for different periods of time, and there appears to be no legal authority for the conversion of one of such applications to another application having a clearly different legal status. See *Ex parte* Appleby, C. D. 1927, page 55; 361 O. G. 661.

The applicant argues that had he not filed this reissue application he could have filed instead, and at that time, a new application on the structure held not to be covered in the claims of the issued patent. This is true and it may be urged that the filing fees are the same and that the disclosure so far as the drawings and specification are concerned comply with the requirements for an original application, and in fact the applicant does urge that it needs only an order of the Commissioner to convert such a reissue application into an original or "regular" application.

On further examination of the circumstances here, and the decisions, it is believed that the fundamental difference between a reissue application and an original application as indicated by the former decision is that the reissue is applied for under a different statute. It is thought, however, that the full meaning of this has not been understood by the applicant, and is perhaps not generally understood.

An original application is filed to secure a monopoly for a seventeen year period on an alleged new and useful improvement and any patent granted thereon is for the invention defined by its claims and is for such period.

The provision for the reissue of a patent is solely for the purpose of correcting an error which arose by "inadvertence, accident or mistake, * * *." It has no other purpose and the patent granted thereon is a re-grant or correction of the original patent, which is surrendered. This reissue expires at the end of the term of the original, surrendered patent. It may be said that the entire transaction is for an entirely different purpose than that of the proceedings leading up to the grant of an original patent.

A reissue patent application may be filed at any time during the life of the original patent, whereas an original application must be filed within two years after the first public use or sale, and within two years after the first printed publication thereof.

The essential differences between a reissue and an original application have been recognized in framing the Rules of Practice. For example, there are special requirements as to the nature of the oath, as to why inadvertence, accident or mistake arose, and the original patent is required to be surrendered. The reissue application receives special treatment within the Patent Office. The special requirements as to the oath provided for in Rule 87 have been upheld by the Court of Appeals of the District of Columbia (C. D. 1913, page 444).

While it may be that, as stated in the former opinion, there is no precedent for refusing to convert an application for reissue into a regular application, the different nature of the two forms of application has long been recognized. On June 6, 1916, Assistant Commissioner Whitehead rendered a decision in *Ex parte* Holt, Ms. D. 1916, pages 448–451, which is parallel in some respects to the circumstances of the present case. There, as here, the applicant filed still another application purporting to be a continuation of an attempted reissue. That decision recognized that an original application is not the same in theory or substance as an application for the reissue of a patent. That case also holds that the two applications were filed under different sections of the statutes and seek protection for different periods. The decision further holds that a so called continuing application cannot be valid unless it is based upon an application upon which a valid patent could have issued.

It follows that the petition must be again denied.

U. S. Court of Customs and Patent Appeals

IN RE SCHWAB

No. 3,632. Decided June 1, 1936

[83 F.(2d) 824]

PATENTABILITY—WEATHER STRIP FOR DOORS.

Claims for a weather strip which is reversible and primarily intended to be applied to the vertical edges of the wings of revolving doors *Held* patentable over the prior art.

APPEAL from the Patent Office. Reversed.

Mr. Lester A. Stanley, Messrs. Munn, Anderson & Liddy, and *Mr. T. Hart Anderson* for Schwab.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

GRAHAM, *P. J.:*

The appellant filed an application in the United States Patent Office on August 27, 1932, for a patent on an improvement in weather strip. The claims, 8 and 9, being all the claims in the case, were rejected by both tribunals in the Patent Office. These claims are as follows:

8. A reversible weather strip for doors including an elastic body connected to the edge of the door and projecting laterally therefrom, separate wear strips attached to the outer free edge of the elastic body and projecting therefrom beyond the free edge, means for securing the wear strips to the body, and means for securing the projecting portions of the wear strips to each other immediately beyond the free edge of the body, the free edges of the wear strips being laterally co-extensive and relatively movable laterally in close contact with each other.

9. As a new article of manufacture, a weather strip for the vertical free edges of revolving door wings including an elastic body adapted for anchorage at one of its edges to the door wings, and wear strips disposed on the opposite side faces of the body adjacent its free edge, said wear strips being secured to the body and having portions projecting beyond its free edge, one of said portions engaging with the door enclosure and the other serving as a backing member when the weather strip is mounted in position, the free edges of the wear strips being laterally co-extensive and relatively movable laterally in close contact with each other.

The invention is an improved form of weather strip which is reversible, and is more particularly intended to be applied to the outer vertical edges of the wings of revolving doors, and is intended to close the openings between such wings and the adjacent enclosure so that the opening between the door and its enclosure will be sealed. The improved weather strip includes an elastic body portion, fastened by a screw to the free edge of the door wing. This elastic portion is preferably made of rubber, having an internal reenforcing fabric. Fastened to the free edge of the weather strip, and on both sides thereof, are wear strips which are secured by lines of stitching to the opposite faces of the weather strip body, adjacent to its outer free edge. Portions of these wear strips project beyond the free edge of the weather strip, which protruding portions are also fastened together by a line of stitching beyond the free edge of the weather strip.

The inventor claims by this arrangement to have provided a weather strip which, when worn on one side, is reversible, and in which the two pieces of wear strip reenforce each other and add to the rigidity of the leading wear strip, thus doubling the life of the wear strip.

The Examiner was of opinion that the appellant's device was fully anticipated by the reference Reese, 1,834,867, of December 1, 1931. The Examiner suggested that Reese's weather strip, when worn on one side, might be readily reversed, thus avoiding the necessity of replacing the entire strip, and that such a modification of the strip might be accomplished without invention. The Board of Appeals added to the suggestions made by the Examiner, the suggestion that in the Reese construction the wear strip might be slit and that then one side would act as a backing for the other.

The Reese reference shows a weather strip for revolving doors. Here a weather strip projects from the free edge of the wing of the door, and stitched to the opposite sides of the same is a wear strip of material which is in the form of a loop, the opposite ends of which are attached to opposite sides of the weather strip.

It is this loop which is claimed by the tribunals of the Patent Office to anticipate the double strip of material used by the appellant, and which, it is thought, if worn out on one side, might be reversed and perform the same function as the strips of the appellant.

We are not convinced of the correctness of this position. It seems quite apparent, on consideration of the matter, that the action of a loop of material in closing the opening between a door wing and its enclosure, would not be the same as that of two strips of material laid upon and in close contact with each other. In appellant's structure, each strip would act as a reenforcement for the other, while in the loop arrangement of Reese this is not apparent. Nor are we convinced that it may be properly said that it would not be inventive to split the loop of Reese to make the structure shown by the appellant. It is sufficient to say, in answer to this proposition, that it had not been done until the appellant did it. Appellant seems to have contributed to the art and, inasmuch as the court is of the opinion that Reese did not anticipate him, his claims should be allowed.

The decision of the Board of Appeals of the United States Patent Office is reversed.

Reversed.

U. S. Court of Customs and Patent Appeals

IN RE KRAEUTER

No. 3,643. Decided June 8, 1936

[83 F.(2d) 933]

PATENTABILITY—GOLF CLUB.

Claims for a golf club in which the shaft is secured to the head of the club by soft solder *Held* patentable.

APPEAL from the Patent Office. Reversed.

Mr. Thomas Howe for Kraeuter.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

GRAHAM, *P. J.:*

The appellant, Arthur A. Kraeuter, made application to the United States Patent Office on February 4, 1932, for a patent on certain "Improvements in golf club." The proposed improvement involves a golf club in which a steel shaft is fitted into a metallic hosel. Two forms of such a club are shown. The first form, which is applicable to a golf club of the ordinary form of putter, midiron, or other metal club, usually of steel, is made by so forming the end of the shaft that it will be tapered inward, and in this form it is inserted into an outwardly tapered hosel, the parts being so constructed that a close joint will be made when the shaft is pushed into place. Before the shaft is inserted in the hosel, both parts are thoroughly cleaned and polished so that there will be no foreign substance in the joint. A flux is then applied to the wall of the hosel socket, and also to the shaft which is to be entered within the socket. This flux is the well-known flux used in soldering operations, but is free from acid which would attack the joint. The end of the shaft is then dipped into a molten bath of soft solder, preferably an alloy of tin and lead in the proportions of 63 per cent tin and 37 per cent lead. The end of the shaft thus coated with the soft solder is then inserted into the hosel, which may also be coated with the same alloy. Thereafter, the joint is heated to a point where the alloy between the shaft and socket walls becomes fused. This fused material penetrates into all the crevices and openings, and fills the same. Thereupon the joint thus made is plunged into a cooling liquid and the solder then cools and hardens, making a homogeneous joint.

The other form shown by the applicant makes use of an adapter which is interposed between the end of the shaft and the taper of the hosel. Soft solder is used in this joint as in the other form, and the result is a solid joint, including the wall of the hosel, the adapter, and the shaft.

Attached to the application was an affidavit of one Joseph C. Brisick, a mechanical engineer and superintendent of the company which manufactures the clubs, the subject matter of this application, and which affidavit discloses that the soldered connection has today largely superseded other forms of connections; that large numbers of clubs embodying applicant's invention have been sold; and that the joint described by applicant tends to produce a much better hitting club, and reduces the shock upon the hands of the player, more than the old and well-known rivet connection formerly used.

As to the patent to Mattern, No. 1,550,647, hereinafter referred to, the affiant stated that the process of brazing or welding used by Mattern required a temperature about three times as high as that of the soldering operation of the Kraeuter application, and that, as a result thereof, the preparation of such a joint would destroy the temper in the shaft and cause it to become soft and practically useless. Affiant also stated that the brazing or welding a sleeve or bushing between the hosel and the shaft, as done by Mattern, would not produce the solid and firm joint which is produced by Kraeuter's liquid solder.

Claims 1 and 17 are typical of all the rejected claims, twelve in number, and are as follows:

1. In a golf club, the combination with a head having an iron hosel, of an iron shaft entering within and secured to said hosel, and a film of soft solder contacting and securing iron to iron in a joint between said hosel and shaft and filling in spaces of noncontact of the joined surfaces, said solder being fused in said joint and allowed to solidify.

17. In a golf club, the combination with a metal head, of a tempered steel shaft secured to said head and a thin film of solder in a joint between said head and shaft of a lower fusing temperature than that at which said shaft is tempered, said solder being fused in the joint and allowed to solidify and constituting the sole securing means of its joint.

On the hearing in this court, the appellant moved to dismiss his appeal as to claim 2, and the motion is allowed.

The Examiner rejected all the claims in the case on reference to either Barnhart, 1,713,812, May 21, 1929, or Mattern, 1,550,647, August 18, 1925, or both.

On appeal, the Board of Appeals affirmed the rejection of the Examiner, and added the suggestion that the art was thoroughly familiar with the temperature at which soft solder melts, and that it would be obvious to use a soft solder in making the joint here involved. The Board ends its decision with this suggestion:

* * * In any event, we think that it would occur to one to experiment with a solder which would not destroy the temper and we are in accord with the Examiner that appellant's procedure was an obvious one and therefore unpatentable.

The Mattern reference shows a golf club with a steel shaft fitted into a metallic hosel by means of a bushing or adapter. The specification recites:

* * * The bushing 4 is preferably of metal, brass being the usual material. In such case the parts are united by brazing or welding, so that the hosel, the insert bushing and the handle become integrally united. * * *

The Barnhart patent discloses a metallic shaft with a tapered end inserted into an outwardly tapering hosel and fastened with a rivet.

It is argued by the appellant that the use of soft solder, as specified in this application, accomplishes several purposes; namely, that it prevents shock to the hands of the player, makes an integral joint, and gives resiliency to the joint. As to the Mattern reference, it is argued that a brazed joint, such as is shown by Mattern, makes it necessary to subject the club and its joint to a degree of heat which removes the temper from the metal in the shaft. As these shafts are very thin, composed of steel usually about 5/100 of an inch thick, it is evident that it would not require great shocks to slightly deform the same, and that a joint made of soft solder, being more yielding, would create less liability of deformation of the shaft of the club when heavy blows are struck with the ball head, in playing.

It is thought by the Board of Appeals that it would be obvious to the maker of golf clubs to use the proper kind of solder in making such connections, and that if soft solder were needed, the mechanic might, by experiment, readily ascertain what kind to use. The art, when appellant entered the field, used either a rivet or a hard, rigid, brazed connection which lacked the resilience which is occasioned by the use of a soft solder. It would, we believe, occur to one skilled in the art, that the use of a soft solder might make a weak joint, and one unable to withstand the stresses to which a golf club is ordinarily subjected. This inventor, however, discovered that such was not the case, and that instead of a weak joint it created a joint not only strong enough, but much more resilient and useful to the player.

As to the degrees of heat needed for the melting of hard and soft solder, we are referred by the appellant to the Eighth Edition of Machinery's Handbook, wherein it appears that a much higher degree of heat is needed in hard soldering than in soft soldering. It would seem to be a great advantage in a golf club, if a means of connection could be made in which the material of the shaft and the hosel would not be damaged by the process of joining them together. This much, in addition

to the features above mentioned, the appellant has done for the art, and we are unable to see, in any contribution made by the references Mattern and Barnhart, anything that anticipates the inventive idea.

It is true that the art is well acquainted with the character of brazing, welding, and soldering. It does not follow, however, that the art was conversant with the effects which would be produced in using a soft soldered connection between the shaft and head of a golf club.

We are constrained to differ with the Board of Appeals, and are of the opinion that the refused claims, with the exception of claim 2, should be allowed.

Our attention is called to *In re Treuting*, 22 C. C. P. A. (Patents) 1095, 76 F.(2d) 310, 459 O. G. 434. In that case, the appellant substituted for a tinning layer shown by some of the references an activated lead layer disclosed by another reference patent. We said, in that case, that although the appellant had made a better article commercially, it was not inventive, because he had simply combined features which were known to the art with no new and useful result. But such is not the case here. No one, so far as we are advised by the references, had ever used the solder used by appellant in the art of making golf clubs, until appellant discovered that the same would produce a new and useful result, although the art of soldering substances together had been known since time immemorial.

Claims 16 and 17 do not expressly claim the use of soft solder, but rely upon the element

"solder • • • of a lower fusing temperature than that at which said shaft is tempered."

Whether this language is unduly broad is not before us, as this was not given as a ground of rejection by the Patent Office tribunals.

The appeal is dismissed as to claim 2. In other respects, the decision of the Board of Appeals is reversed.

Reversed.

U. S. Court of Customs and Patent Appeals

IN RE MURDOCH

No. 3,647. Decided June 8, 1936

[84 F.(2d) 195]

PATENTABILITY—PUMPING APPARATUS—OLD ELEMENTS.

Claims for a pumping apparatus *Held* unpatentable as covering only various features shown in the prior art, each of which performs only its usual function in its new environment.

APPEAL from the Patent Office. Affirmed.

Mr. M. Theodore Simmons for Murdoch.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

GRAHAM, *P. J.:*

This proceeding is an appeal from the decision of the Board of Appeals of the United States Patent Office, affirming the decision of the Examiner in refusing to allow all the claims of the application of the appellant for a patent on certain alleged improvements in pumping apparatus. The claims are nine in number, of which claims 16 and 21 are typical. They are as follows:

16. In pumping apparatus of the character described, in combination a pump housing having an axial opening in its rear wall and a tubular extension coaxial with the opening and projecting rearwardly from the housing, an impeller in the housing having a tubular shaft extending through the opening and tubular extension, a motor supported independently of the housing having its shaft fitting in and keyed to the tubular shaft of the impeller, a plastic packing surrounding the tubular shaft and interposed between it and the tubular extension of the housing, and a cap for retaining and compressing said packing, said cap being secured to the outer end of the tubular extension.

21. In pumping apparatus, a pump housing, a rotary impeller in the housing having a flat rear face rotatable in close proximity to the rear wall of the housing, and a motor having its shaft directly connected to said impeller, the inner face of the rear wall of said housing having a flat inner face composed of a metal having lubricating qualities and located contiguous to the flat rear face of the impeller.

Appellant's device is that type of pump apparatus suitable for dish washing machines, and in which a rotary pump is employed to draw water from the washing chamber of the machine and force the same through suitable nozzles into the washing chamber and upon the articles arranged therein. The specific arrangement shows an electric motor mounted upon the bottom of a tub or water receptacle, with a resilient suspended mounting so arranged that by adjusting two nuts the motor and its shaft may be tilted in any desired way to align the shaft with its connecting pump. On the side of the bottom of the water chamber, opposite to the motor, is a sump, or well, into which the water from the machine enters. A pump is in connection with an opening in the inside of the sump, and by means of an impeller draws the water from the sump into the pump, and then forces it out through a pipe into the washing chamber. Suspended from the casing of the pump is a shield which prevents the water from the sump, as it is drawn through the pump, from entering the upper portion thereof, but causes the water to circulate downward and then upward into the pump.

Other features of the appellant's device upon which he claims patentability are a suitable plastic packing interposed between the exterior of the impeller shaft, and the interior of the flange enclosing the same, which plastic packing permits a certain flexibility in the connection; also it is specified that the rotary impeller has a flat rear face, rotatable in close proximity to the rear wall of the pump housing. It is also claimed, inasmuch as the appellant makes the inner face of the rear wall of said housing of a metal having lubricating qualities, that this is new and inventive; furthermore, it is alleged that the direct connection between the motor and impeller, in other words, their operation upon the same shaft, is new and inventive.

It seems to have been contended before the Examiner, that it was improper to reject the appellant's application upon a plurality of references. To this the Examiner replied that he knew of no decision binding upon him to the effect that a claim is allowable "*merely* because it can only be met by the showings in two, three, four or any other number of patents except one." In summing up, the Examiner stated:

The Examiner holds that each of the features selected by applicant performs only its usual function in its new environment, hence the combined use of all features constitutes merely the choice of suitable expedients from the prior art, and fails to involve invention.

We have made a careful examination of the references.

The patent to Daum, No. 1,133,541, shows a plastic packing similar to that used by appellant in his device. The reference patent to Kieser et al., No. 1,215,282, shows the use of a shield in a water pump used for the same purpose as appellant uses his. The patent to Elmore, No. 1,357,628, and the patent to Murdoch, No. 1,645,815, both show the rear wall of the impeller and the housing in close contact. In Elmore, the patentee uses rear walls of bronze, and in the appellant's former patent the use of anti-friction metal is taught. In the patent to Stanley, No. 1,453,416, an adjustment may be made in the shaft to make a proper alignment. In the patents to Leggett et al., No. 1,489,257, and Carrey, No. 1,781,161, the motors are hung upon resilient mountings; especially in the patent to Carrey spiral spring mountings are shown, which can be adjusted by the use of nuts. The patent to Koehler, No. 1,714,564, shows the use of metal with anti-friction qualities in bearings. The patents to Skidmore, No. 1,714,734, and to Schellens, No. 1,723,661, show impellers mounted direct on the motor shaft.

To sum up, every feature which appellant now uses in his washing machine is old in the art. It is not shown that any different result is obtained by the combination of these features than such as would result from the use of each feature individually, and as it has been well known and understood by the art. Therefore, although it may be and probably is true that appellant has produced a good product commercially, it is not seen wherein he has made any invention. This is in harmony with former decisions of this court. See *In re Gehres*, 22 C. C. P. A. (Patents) 710, 73 F.(2d) 505, 451 O. G. 4; *In re Rauber*, 22 C. C. P. A. (Patents) 1117, 76 F.(2d) 304, 459 O. G. 7, and *In re Jennings*, 18 C. C. P. A. (Patents) 1232, 48 F.(2d) 660, 410 O. G. 1062. The case last cited is particularly applicable, as it involved a device for aligning a motor and pumps.

The decision of the Board of Appeals is, therefore, affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE KLEINE, PFANNENSTIEL AND MATTHAES

No. 3,646. Decided June 8, 1936

[83 F.(2d) 928]

1. PATENTABILITY—METHOD OF MANUFACTURING THREADS FROM VISCOSE.

Claims for a method of manufacturing threads from viscose *Held* unpatentable over the prior art.

2. SAME—ISSUANCE OF FOREIGN PATENT—PROOF.

The mere statement in the brief that a patent had been issued by a foreign patent office for claims substantially the same as those on appeal cannot be considered where it is not shown by the record that the patent had so issued.

3. SAME—SAME—WEIGHT.

Under the circumstances of the case *Held* that the issuance of the Dutch patent, if it had been established, would not justify a reversal of the decision of the Board of Appeals.

APPEAL from the Patent Office. Affirmed.

Messrs. Potter, Pierce & Scheffler, Mr. Charles H. Potter, and *Mr. John S. Lachowicz* for Kleine, Pfannenstiel, and Matthaes.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

BLAND, *J.:*

All the claims of appellants' application for a patent relating to a method of spinning viscose silk were rejected by the Primary Examiner of the United States Patent Office, in view of the prior art, which rejection, upon appeal, was affirmed by the Board of Appeals.

Before the Board, appellants requested a reconsideration of its decision, and the same being granted, a second decision was, by it, rendered. For the purposes of appeal, appellants were permitted to make certain changes in their claims, which changes were not regarded as being of sufficient importance to justify the allowance of the claims. The second decision of the Board explains its first decision and takes into consideration the amendments to the claims, as well as the arguments presented in appellants' petition for reconsideration.

There are no drawings submitted with appellants' application, and the nature of the invention may, in a general way, be understood by a consideration of the claims. Claims 3 and 8, as amended, are regarded as illustrative of the eleven rejected claims involved in this appeal. They follow:

3. Process for manufacturing artificial threads of high tenacity from viscose, which comprises spinning a viscose solution into a precipitating bath containing in addition to 30 to 40 per cent by weight of free sulfuric acid monohydrate at least 20 per cent by weight of an alkali metal bisulfate.

8. Process for manufacturing artificial threads of high tenacity from viscose, which comprises spinning a viscose solution into a precipitating bath containing in addition to 30 to 40 per cent by weight of free sulfuric acid monohydrate at least 20 per cent by weight of a bisulfate dissolved in the sulfuric acid, the precipitating bath having a temperature of about 30 to 50° C.

The Board describes appellants' alleged invention in the following language:

The disclosure relates to a process for the production of high strength filaments from viscose solutions. The appellants allege that the novelty in their process resides in carrying out the spinning in a bath containing 30% to 55% by weight of sulfuric acid monohydrate and at least 20% by weight of a bisulfate dissolved in the sulfuric acid. It is appellants' position that by using a lower or medium sulfuric acid content and a relatively high bisulfate content, the spinning of the threads is improved. It is also argued that it is possible to work at more favorable temperatures and that the corrosive action of the bath is diminished and that the degrading action of the bath on the cellulose threads is not as great as it is in baths containing a high concentration of sulfuric acid.

The references relied upon by the Examiner and the Board are: Lilienfeld, 1,683,199, Sept. 4, 1928; Lilienfeld, 1,683,200, Sept. 4, 1928; Lilienfeld, 1,820,811, Aug. 25, 1931.

In discussing the references with relation to the rejected claims, the Board said:

The Lilienfeld patents, three of which are cited, appear to disclose the use of baths containing free sulfuric acid as low as 45% with a bisulfate component which as calculated by the Examiner amounts to over 17%.

The claims have been rejected as not involving in-

vention in view of the Lilienfeld patents. It is to be noted that applicants' free sulfuric acid content in the bath ranges up to 55% while the disclosure of the art ranges to as low as 45%, establishing an overlapping zone. The minimum bisulfate content of the applicants is 20% or slightly higher than the something over 17% indicated to be the maximum bisulfate content of the art.

The Board then discusses the matter set out in the affidavits submitted by the applicants which contain examples of different quantities of free acid mixed with acid from bisulfate which were employed in bringing about certain results, which results are shown in terms of "total acidity" and "average strength," the latter referring to the strength of the thread resulting from the method. The Board then concluded:

It appears from Chart I that in the range below a free acid concentration of 50.3% an increase in the bisulfate concentration results in some increase in tensile strength. This increase while slight in the neighborhood of 50.3% free acid concentration becomes more marked with lower acid concentrations. Nevertheless, it appears that any gain in tensile strength resulting from increasing the proportion of bisulfate is more than offset by the reduction in free acid concentration, so that the resultant strength of the product is actually decreased by any substitution of bisulfate for the usual free acid concentration. In other words, from the standpoint of tensile strength, the bisulfate appears to be an inferior substitute for free acid concentration.

It may well be, as the applicant contends, that baths with lower free acid concentration are less corrosive and consequently will have a less deleterious effect upon the hands of the workmen or parts of the machine with which the solution may come in contact. We believe that any such advantage would be obvious to one skilled in the art and that to select a bath having less corrosive effect, while at the same time reducing the tensile strength of the product, would not involve invention.

The materials used by appellants were old in the prior art. However, they contend that new and unexpected results flowed from their discovery of the use of sulfuric acid and a bisulfate in the precipitating bath in certain quantities defined in the claims. Appellants in their brief state that it is their practice to spin at between 30° C. and 50° C., while Lilienfeld operated at lower temperatures, 10° C. or less. Claims 8, 10 and 11 of appellants' application call for the operation to be performed at a temperature ranging from 30 to 50° C., and claim 12 calls for a temperature of about 35° C.

The tribunals below concluded that the claims called for nothing new over the prior art except as to a matter of degree. The Board recommended that the proposed amendments to the claims be admitted for the purposes of appeal and in its second decision said:

We are still of the view that the advantages over the art claimed by applicants would be obvious and would not amount to patentable improvement.

We agree with the Board of Appeals that the quantities used and temperatures employed in appellants' method, as defined in the claims, were not shown to be critical and that even if appellant did obtain new and useful results, it did not require invention to bring about such results.

Appellants in their specification state: "The acid may be raised up to 55 per cent of free monohydrate," which is in the range disclosed by Lilienfeld. Some of appellants' claims call for a range of such acid between 30 and 40 per cent. Lilienfeld speaks of the degree of concentration of sulfuric acid as between 5% and 40% which, according to him, was then known to the prior art. Furthermore, appellants in their application state:

"A few simple comparative experiments should be made to determine the best kind of bisulfate or mixture of bisulfates and the most suitable amount to employ with sulfuric acid of particular concentration."

Appellants there taught that one desiring to make a proper precipitating bath should experiment in the quantities of certain ingredients to be used. We think that obtaining the desired results from such experimentation was within the scope of one skilled in the art, and that there is nothing shown in appellants' disclosure or claimed in their claims which may be regarded as inventive over the prior art cited.

[1] Appellants submitted before the Patent Office tribunals affidavits containing much scientific matter relating to the chemistry involved, as well as numerous arguments in support of their contentions for patentability of their claims, and have here filed an elaborate brief containing extended arguments emphasizing their belief that the Patent Office tribunals erred in holding that their disclosure involved nothing inventive over the prior art cited. We have carefully considered all the affidavits, as well as the arguments in the briefs and record, but we are not convinced that the concurring Patent Office tribunals erred in their rejection of the claims for the reasons which they assigned.

[2] [3] Appellants state that

The Dutch Patent Office found allowable the following claim in the Dutch application comparable to the application before this Court",

and set out a claim comparable to those at bar. There is nothing in the record to show that the Dutch patent was allowed, and while appellants' word is not questioned, it is well settled that we may not consider such statements appearing only in the briefs of the parties. *In re Spohn*, 22 C. C. P. A. (Patents) 1304, 77 F.(2d) 768, 461 O. G. 473. Under the circumstances at bar, it is proper to say that if the alleged fact relating to the Dutch patent were shown in the record, it would not justify our holding that the Board erred in affirming the Examiner in rejecting the appealed claims. *In re Guinot*, 22 C. C. P. A. (Patents) 1067, 76 F.(2d) 134, 458 O. G. 666.

The decision of the Board of Appeals is affirmed.

Affirmed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

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1,431,670, J. Klein, Parlor floor lamp, filed Aug. 25, 1936, D. C., N. D. Ill., E. Div., Doc. 15317, *Mitchell Mfg. Co.* v. *Colonial Premier Co.* Same, filed Aug 27, 1936, D C., N. D. Ill., E. Div., Doc. 15325, *Colonial Premier Co.* v. *Mitchell Mfg. Co. et al.*

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1,584,531, H. L. Hagan, Stereopticon slide, filed Aug. 25, 1936, D. C., N. D. Ill., E. Div., Doc. 16318, *P. S. Fischer* v. *Screeno Amusement Co.*

1,590,146, W. R. Zimmerman, Thermostatic valve; 1,696,410, J. V. Palm, Thermostat control valve for cooling system; 1,763,802, E. J. Levy, Thermostat; 1,822,863, same, Thermostatic valve, D. C., N. D. Ohio, E. Div., Doc. 4820, *The Bishop & Babcock Mfg. Co.* v. *Western Auto Supply Co.* Dismissed (notice Oct. 6, 1936).

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1,728,879. (See 1,573,374.)

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1,800,803. (See 2,004,016.) 1,811,095. (See 1,403,475.)

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1,875,641. (See 2,004,016.)

1,876,421, A. M. Jersey, Can opener, filed Sept. 17, 1936, D. C., N. D. Ill., E. Div., Doc. 15352, *Vaughan Novelty Mfg. Co.* v. *A. & J. Kitchen Tool Co.*

1,879,584, H. St. Pierre, Anti-skid device; 1,857,217, same, Buckle, appeal filed Sept. 30, 1936, C. C. A., 2d Cir., Doc. 14,990, *H. St. Pierre et al.* v. *Red Patch & Reliner Co., Inc., et al.*

1,885,598, A. P. Gilbert, Shoe construction, filed Sept. 30, 1936, D. C., E. D. Ill. (East St. Louis), Doc. 4704, *The Gilbert Shoe Co.* v. *International Shoe Co.*

1,887,805, P. H. Filbin, Harvester, D. C., W. D. Okla. (Okla. City), Doc. E 1865, *P. H. Filbin* v. *Allis-Chalmers Mfg. Co.* Dismissed without prejudice Oct. 1, 1936.

1,894,197. (See 1,573,374.)

1,908,117, Clapp & Eickhoff, Apparatus and method for handling fluent material; 1,570,032, J. Baldner, Grease dispensing apparatus, filed Aug. 27, 1936, D. C., N. D. Ill., E. Div., Doc. 15323, *K. S. Clapp* v. *Alemite Corp.*

1,913,604, W. A. MacDonald, Wave signaling system, filed Aug. 27, 1936, D. C., N. D. Ill., E. Div., Doc. 15324, *Hazeltine Corp.* v. *Zenith Radio Corp.*

1,917,261, P. E. Hawkinson, Method of retreading tire casings; 1,917,262, same, Apparatus for retreading tire casings; 2,034,618, same, Tire retreading apparatus, filed Sept. 28, 1936, D. C., S. D. Calif. (Los Angeles), Doc. E 1019-J, *P. E. Hawkinson Co.* v. *A. B. Goodman* (Ti-Re-capping Co.). Same, D. C., N. D. Calif. (San Francisco), Doc. E 4087-L, *P. E. Hawkinson Co.* v. *Thompson Tire Co. et al.*

1,917,262. (See 1,917,261.) 1,919,159. (See 1,710,348.)

1,929,508. (See 1,847,987.)

1,929,836, C. J. Brown, Bearing, filed Sept. 19, 1936, D. C., N. D. Ill., E. Div., Doc. 15357, *Westinghouse Electric & Mfg. Co. et al.* v. *The Richardson Co.*

1,939,204, J. E. Conklin, Rubber faucet connection, filed Oct. 2, 1936, D. C., E. D. N. Y., Doc. E 8057, *J. E. Conklin* v. *Walgreen Co. of N. Y. et al.*

1,944,922. (See 1,710,348.)

1,950,542, D. Copell, Smoking pipe, D. C., S. D. N. Y., Doc. E 79/320, *D. Copell* v. *S. M. Frank & Co., Inc.* Consent order of discontinuance without prejudice (notice Oct. 1, 1936).

1,955,569, H. I. Warden, Licensing of motor vehicles, filed Sept. 1, 1936, D. C., N. D. Ill., E. Div., Doc. 15334, *H. I. Warden* v. *City of Chicago, Ill.*

1,957,596, J. W. Isett, Method of repairing, widening, and resurfacing concrete roads; 2,039,420, same, Method of constructing, repairing, and widening roads, filed Sept. 25, 1936, D. C., N. D. Ill., E. Div., Doc. 15363, *J. W. Isett et al.* v. *R. S. & E. Pierce* (*Chicago Expansion Bolt Co.*).

1,960,417. C. E. Pain, Jr., Infusion apparatus, filed Sept. 18, 1936, D. C., N. D. Ill., E. Div., Doc. 15354, *W. Ross, Inc.*, v. *Mills Hospital Supply Co.*

1,967,674, A. S. Knapp, Heating pad, filed Sept. 11, 1936, D. C., N. D. Ill., E. Div., Doc. 15345, *Knapp-Monarch Co.* v. *Samson-United Corp.*

1,996,322, A. E. Carlson, Rock drilling core bit, D. C., S. D. Calif. (Los Angeles), Doc. E. 905-J, *Reed Roller Bit Co.* v. *A. E. Carlson.* Bill and counterclaim dismissed without prejudice Oct. 2, 1936.

2,004,016, P. H. Smyth, Jr., Selective phonographic playing machine; 1,449,252, J. E. Stout, Automatic phonograph; 1,800,803, 1,875,641, W. R. Moore, Jr., Automatic talking machine; 1,837,608, Bodwell & Bellows, Combined talking machine and advertising device, filed Aug. 20, 1936, D. C., N. D. Ill., E. Div., Doc. 15308, *The Rock-Ola Mfg. Corp. et al.* v. *The Rudolph Wurlitzer Mfg. Co.*

2,012,902, J. A. Barkeij, Method and means of gas distribution in inlet manifolds for internal combustion engines, filed Sept. 29, 1936, D. C., S. D. Calif. (Los Angeles), Doc. 1021-Y, *J. A. Barkeij* v. *Cadillac Motor Car Co.* Doc. E 1022-M, *J. A. Barkeij* v. *Ford Motor Co.*

2,020,907, M. H. Rubin, Yarn and the fabric produced therefrom, filed Oct. 6, 1936, D. C., M. D. Pa., Doc. 1251, *American Silk Mills, Inc.*, v. *Sauquoit Silk Mfg. Co.*

2,030,735, C. F. Belshaw & LaCasse, Ice cuber, filed Aug. 20, 1936, D. C., E. D. Pa., Doc. 9517, *The Coolerator Co.* v. *J. A. Martocello & Co.*

2,034,618. (See 1,917,261.) 2,039,420. (See 1,957,596.)

2,040,012, E. S. Mix, Character bearing article, filed Oct. 2, 1936, D. C., W. D. N. Y., Doc. 2106, *Hickok Mfg. Co., Inc.*, v. *Joseph Klem Co., Inc.*

2,041,196, W. F. Liska, Folding prie-dieu, filed Sept. 21, 1936, D. C., N. D. Ill., E. Div., Doc. 15358, *Holland Brass Works, Inc.*, v. *F. Wojtalewicz (Prie Dieu Art Works, et al.).*

2,051,013, H. E. Schulse, Art of beverage conditioning and dispensing, D. C., E. D. N. Y., Doc. E 8042, *H. E. Schulse et al.* v. *Canaday Cooler Co., Inc., et al.* Consent decree for plaintiff Oct. 2, 1936.

2,055,272, A. Weiss, Rotary intaglio printing, filed Oct. 6, 1936, D. C., S. D. N. Y., Doc. E 83/378, *A. Weiss et al.* v. *R. Hoe & Co., Inc., et al.*

Re. 16,288. (See 1,436,459.)

Re. 18,579. (See 1,403,475.)

Re. 19,967, H. M. Weber, Composition of matter comprising resin esters, filed Sept. 19, 1936, D. C., E. D. Pa., Doc. 9545, *Ellis-Foster Co.* v. *Gilbert Spruance Co.*

Des. 94,139, B. A. Hackett, Vending machine casing, D. C., S. D. Ohio, W. Div., Doc. E 930, *B. A. Hackett et al.* v. *Modern Vending Machines, Inc., et al.* Patent held valid and infringed Sept. 30, 1936.

Des. 95,359, H. J. Langknecht, Ophthalmic mounting, filed Oct. 3, 1936, D. C., W. D. N. Y., Doc. 2107, *Shuron Optical Co., Inc.*, v. *Bausch & Lomb Optical Co.*

Des. 99,973, G. M. Buehrig, Automobile hood structure, filed Sept. 14, 1936, D. C., N. D. Ill., E. Div., Doc. 15346, *Auburn Automobile Co.* v. *Pines Winterfront Co.*

Des. 100,241, H. F. Wright, Booter, filed Oct. 5, 1936, D. C., E. D. Wis. (Milwaukee), Doc. 4967, *The Stetson Shoe Co., Inc.*, v. *Frank Shoe Mfg. Co.*

Des. 101,096, M. Richter, Dress, filed Oct. 3, 1936, D. C., S. D. N. Y., Doc. E 83/376, *Richter & Decker, Inc.*, v. *Irving Mirkin, Inc.*

T. M. 101,858, Lorraine Mfg. Co., Certain named materials and cotton piece goods; T. M. 169,719, same, Men's suits, coats, and pants, etc.; T. M. 173,584, same, Bengaline, chiffon, crashes, etc.; T. M. 175,218, T. M. 180,093, T. M. 180,429, T. M. 180,824, T. M. 188,003, T. M. 193,146, same, Silk and cotton piece goods; T. M. 218,398, same, Cotton goods, cotton warp fabric, cotton and wool; T. M. 176,798, T. M. 176,799, same, Rain coats and ladies' skirts, dresses, etc., T. M. 180, 823, T. M. 188,004, same, Cotton, wool, and silk goods in the piece; T. M. 189,467, T. M. 189,468, T. M. 189,469, same, Ladies' and misses' suits, dresses, coats, waists, etc.; T. M. 198,401, Larraine Shirt Co., Men's top shirts, underwear, and pajamas, filed Sept. 17, 1936, D. C., N. D. Ill., E. Div., Doc. 15,353, *Lorraine Mfg. Co.* v. *Lorraine Mfg. Co.*

T. M. 169,719. (See T. M. 101,858.)
T. M. 173,584. (See T. M. 101,858.)
T. M. 175,218. (See T. M. 101,858.)
T. M. 176,798. (See T. M. 101,858.)
T. M. 176,799. (See T. M. 101,858.)
T. M. 180,093. (See T. M. 101,858.)
T. M. 180,429. (See T. M. 101,858.)
T. M. 180,823. (See T. M. 101,858.)
T. M. 180,824. (See T. M. 101,858.)
T. M. 188,003. (See T. M. 101,858.)
T. M. 188,004. (See T. M. 101,858.)
T. M. 189,467. (See T. M. 101,858.)
T. M. 189,468. (See T. M. 101,858.)
T. M. 189,469. (See T. M. 101,858.)
T. M. 193,146. (See T. M. 101,858.)
T. M. 198,401. (See T. M. 101,858.)
T. M. 218,398. (See T. M. 101,858.)

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed·

Pat. 1,915,134, E. S. MacPherson, Stabilizing means for vehicle springs, decided October 20, 1936, claims 1, 2, 3, 4, and 5.

Pat. 2,036,827, R. R. Read, Alkyl ethers of 4-chloro resorcinol, decided November 11, 1936, claims 1, 2, 3, 4, 5, and 6.

TRADE-MARKS

OFFICIAL GAZETTE, DECEMBER 1, 1936

[VOL. 473. No. 1]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly-Prepared Materials

Ser. No. 383,888. W. H. LOOMIS TALC CORPORATION, Gouverneur, N. Y. Filed Oct. 2, 1936.

TREMOLINE

For Tremolitic Talc, Especially Prepared for the Ceramic Industry and to be Used With Other Raw Materials in the Manufacture of Ceramic Products—Namely, Variety No. 1, for Increased Resistance to Crazing and Thermal Shock in All Types of Ceramic Products, and Variety No. 2, Used in Saggers for Increased Thermal Shock Resistance and Sagger-Life, Reduced Spalling and Loss From Sagger Droppings.

Claims use since 1932.

CLASS 3

Baggage, Animal Equipments, Portfolios, and Pocketbooks

Ser. No. 381,943. JAMES HUNTLEY, Philadelphia, Pa. Filed Aug. 8, 1936.

Shavalet
SHAY-VA-LAY

For Toilet Kits.

Claims use since Jan. 15, 1935.

Ser. No. 384,095. NORTH & JUDD MANUFACTURING COMPANY, New Britain, Conn. Filed Oct. 7, 1936.

ANCHORIDE

For Hardware and Accessories for Harness and Saddlery—Namely, Buckles, Snaps, Fasteners, Loops, Rings, Clasps, Terrets, Hooks, Clips, Swivels, Ornaments and Trimmings, Bits, Spurs, Stirrups, and Rein Chains; and Hardware for Baggage and Luggage—Namely, Buckles, Handle Loops, Drawer Pulls and Handles.

Claims use since July 31, 1934.

Ser. No. 384,124. HARTMANN TRUNK COMPANY, Racine, Wis. Filed Oct. 8, 1936.

KNOCABOUT

For Suitcases, Luggage Carriers, and Wardrobe Hand Luggage.

Claims use since Oct. 1, 1936.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 381,047. MINNA I. REACH, Pasadena, Calif. Filed July 15, 1936.

San-O-Swab

The word "Swab" apart from the mark shown is disclaimed.

For Cleansing Pads Made of Paper and for Use in Cleaning Porcelain, Vitrified China, Enamelware, and the Like.

Claims use since June 25, 1936.

Ser. No. 383,454. SOCONY-VACUUM OIL COMPANY, INCORPORATED, New York, N. Y. Filed Sept. 19, 1936.

SETINE

For Oils Used in the Manufacture of Leather.

Claims use since Jan. 1, 1906.

Ser. No. 383,827. STERLING PRODUCTS COMPANY, Easton, Pa. Filed Sept. 30, 1936.

FLO

For Fluid Dry Cleaning Soap for Use in Petroleum Systems Employing Filter and Still.

Claims use since Aug. 24, 1936.

Ser. No. 383,828. STERLING PRODUCTS COMPANY, Easton, Pa. Filed Sept. 30, 1936.

KLEN-OLAX

For Fluid Soap for Use in the Wet Cleaning Process as Practiced in Dry Cleaning Plants.
Claims use since May 27, 1936.

CLASS 5

Adhesives

Ser. No. 383,924. CHARLES L. GANE, doing business as Atlas Supply Company, Philadelphia, Pa. Filed Oct. 3, 1936.

ATLAS

For Adhesive Pastes, Glues, Cements, Cement for Linoleum, Cement for Moving Picture Films, Liquid Glues for General Purposes, for Cements and Water-proof Cements for Cementing Linoleum, Cork, Wall-Board, Asbestos, Felt Paper, Hair Felt, Carpet, Floor Coverings, Tile, Composition Tile, Rubber Tile, Paper Tile, Linoleum Tile, and Cork Tile.
Claims use since Apr. 1, 1908.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 378,186. WILLIAM S. DIETRICH, doing business as Pokadot Chemical Company, Greenville, Pa. Filed May 8, 1936.

POKADOT

The drawing is lined for blue.
For Laundry Bleach Preparations and Water Softener Preparations.
Claims use since Mar. 21, 1933.

Ser. No. 381,467. THE SANIFOOT COMPANY, Kansas City, Mo. Filed July 25, 1936.

Sanifoot

For Preparation for the Treatment of Skin Infections.
Claims use since Aug. 20, 1935.

Ser. No. 381,960. JULES BERNARD BENOUÉ, Paris, France. Filed Aug. 10, 1936.

NASOLA

For Pharmaceutical Preparations, Particularly a Preparation for the Treatment of Nose Diseases.
Claims use since July 9, 1936.

Ser. No. 382,098. MONSANTO CHEMICAL COMPANY, St. Louis, Mo. Filed Aug. 12, 1936.

FOS-FO-TEX

For Sodium Pyrophosphates and Sodium Pyrophosphate Mixtures.
Claims use since Aug. 1, 1934.

Ser. No. 382,167. PHARMA-CHEMICAL CORPORATION, New York, N. Y., and Bayonne, N. J. Filed Aug. 14, 1936.

PHARMOL

For Dyes.
Claims use since June 28, 1932.

Ser. No. 382,906. MORRIS COOPER, Baltimore, Md. Filed Sept. 4, 1936.

MOCO

For Preparation for Removing Hair.
Claims use since June 22, 1932.

Ser. No. 383,113. HERMAN WEISS, Yonkers, N. Y. Filed Sept. 10, 1936.



The words "To Clean With" are disclaimed apart from the mark shown.
For Water Softener in Powder and Liquid and Compressed Cake Form.
Claims use since September, 1932.

Ser. No. 383,278. EDWARD WENGER, doing business as Ed Wenger, Monroe, Wis. Filed Sept. 15, 1936.

WENGER'S BLOATINE

For Preparation for Acute Indigestion, Bloat, and Colic in Horses and Cattle and Scours in Calves.
Claims use since June, 1913.

Ser. No. 382,536. LES PARFUMS CHYPRON SOCIETE ANONYME, Courbevoie/Seine, France. Filed Sept. 23, 1936.

MYRIAD

For Eau de Cologne, Lavender Water, Hair Washes, Perfumes, Brilliantine, Depilatory, Shampoo Powder, Hair Oil, Mouth Wash, Tooth Paste, Vanishing Cream, Cold Cream, Bath Salts, Face Powders, Compact Powder Refills, Talcum Powder, Powder Papers, Carrying Face Powders, Nail Crayon, Sachet Powder, Smelling Salts, After Shaving Lotion.
Claims use since Jan. 16, 1936.

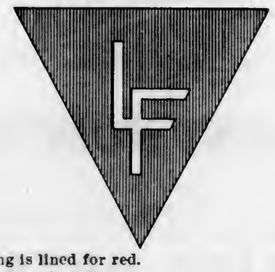
Ses. No. 383,545. PRINCE MATCHABELLI PERFUMERY, INC., New York, N. Y. Filed Sept. 23, 1936.

Sceptre

For Lipsticks, Perfumes, Face Powder Compacts, and Face Powder.
Claims use since Aug. 8, 1936.

Ser. No. 383,581. LEHN & FINK PRODUCTS CORPORATION, Bloomfield, N. J. Filed Sept. 24, 1936.

LYGEL



The drawing is lined for red.
For Vaginal Antiseptic.
Claims use since August, 1932.

Ser. No. 383,601. SYLVAIN ROSENGART, Paris, France. Filed Sept. 24, 1936.

OPTREX

For Liquid Treatment for Diseases and Affections of the Eyes.
Claims use since Mar. 1, 1936.

Ser. No. 383,604. TOKALON CHEMICAL CORPORATION, New York, N. Y. Filed Sept. 24, 1936.

BIOSTATIC

For Face Powder.
Claims use since Sept. 10, 1936.

Ser. No. 383,609. PAUL WESTPHAL, INC., New York, N. Y. Filed Sept. 24, 1836.

LUSTERATOR

For Hair Tonic and Hair Dressing.
Claims use since Sept. 12, 1936.

Ser. No. 383,613. THE BUERGER BROTHERS SUPPLY COMPANY, Denver, Colo. Filed Sept. 24, 1936.

SORORITY PROM

For Perfume.
Claims use since Aug. 10, 1936.

Ser. No. 383,622. J. M. HUBER, INC., New York, N. Y. Filed Sept. 25, 1936.

WYEX

For Carbon Black Having a Combination of Uses in the Industrial Arts.
Claims use since July 6, 1936.

Ser. No. 383,645. CLARA RUSSELL, Flint, Mich. Filed Sept. 25, 1936.

RUSSELLS

R. C. C.

For Preparation for Cancers.
Claims use since Sept. 2, 1936.

Ser. No. 383,658. TOKALON CHEMICAL CORPORATION, New York, N. Y. Filed Sept. 25, 1936.

BIOCEL

For Skin Cream.
Claims use since Sept. 21, 1936.

Ser. No. 383,659. TOKALON CHEMICAL CORPORATION, New York, N. Y. Filed Sept. 25, 1936.

Lectro-Magnetic

For Face Powder.
Claims use since Sept. 10, 1936.

Ser. No. 383,667. AGFA ANSCO CORPORATION, Binghamton, N. Y. Filed Sept. 26, 1836.

AGFANOL

For Photographic Chemicals and Particularly for Photographic Developer.
Claims use since Sept. 3, 1936.

Ser. No. 383,668. AGFA ANSCO CORPORATION, Binghamton, N. Y. Filed Sept. 26, 1936.

FINOL

For Photographic Chemicals and Particularly for Photographic Developer.
Claims use since Sept. 3, 1936.

Ser. No. 383,684. NORTHAM WARREN CORPORATION, New York, N. Y. Filed Sept. 26, 1936.

CUTEX

For Antiseptic Nail Lotion and Skin Ointment Used in the Treatment of Pimples, Ringworm, Tetter, Eruptions, Blackheads, Irritations, and the Like.
Claims use since July 6, 1911, on ointment; since Sept. 24, 1936, on nail lotion.

Ser. No. 383,776. MCKESSON & ROBBINS, INCORPORATED, Bridgeport and Fairfield, Conn. Filed Sept. 29, 1936.

CANTERBURY HOUSE

For Lipstick, Cold Cream, Cleansing Cream, Skin Texture Cream, Toilet Water, Hand Lotion, Astringent Cleansing Lotion, Rouge, Face Powder, Sachette, Dusting Powder, Talcum, Bath Salts, Perfumes, and Rouge Compacts, Powder Compacts, Rouge and Powder Compacts.
Claims use since Feb. 11, 1936.

Ser. No. 383,810. HARRY D. KOENIG, New York, N. Y. Filed Sept. 30, 1936.

1776

For Face Powder, Lip Stick, Face Rouge, Cleansing Cream, Cold Cream, Foundation Cream, Astringent Lotion, Nail Polish, Liquid Nail Polish Remover, Tissue Cream, Mascara, Eye Shadow, Hand Lotion, Cucumber Face Cream, and Muscle Oil, and Perfumes.
Claims use since May 1, 1936.

Ser. No. 383,813. G. F. MASENGARB, doing business as The Masex Company, Rockford, Ill. Filed Sept. 30, 1936.

Masex

For Ointment for the Treatment of Athlete's Foot.
Claims use since Sept. 15, 1936.

Ser. No. 383,838. GENERAL DYESTUFF CORPORATION, New York, N. Y. Filed Oct. 1, 1936.

ERGANIL

For Dyes for Leather.
Claims use since July 5, 1933.

Ser. No. 383,935. NATIONAL INSTITUTE OF NUTRITION, Los Angeles, Calif., and Buffalo, N. Y. Filed Oct. 3, 1936.

Ray-D YEAST

The word "Yeast" apart from the mark shown is disclaimed.
For Yeast Tablets.
Claims use since Sept. 22, 1936.

Ser. No. 383,951. ELIOT SAXE, doing business as Curitoe Laboratories, New Britain, Conn. Filed Oct. 3, 1936.

CURITOE

For Medicinal Preparation Recommended for the Treatment of Athlete's Foot.
Claims use since Sept. 1, 1935.

Ser. No. 383,990. EASTERN TRADING CO., Chicago, Ill. Filed Oct. 5, 1936.

LUCKY NUMBER

For Incense.
Claims use since Apr. 5, 1934.

Ser. No. 384,003. JOE LOWE CORPORATION, New York, N. Y. Filed Oct. 5, 1936.

DAISY CREAM

For Powdered Phosphate of Soda Mixed with Sufficient Corn Starch to Reduce to the Strength of Cream of Tartar.
Claims use since Aug. 15, 1923.

Ser. No. 384,100. SANDOZ CHEMICAL WORKS, INC., New York, N. Y. Filed Oct. 7, 1936.

RAPHABIL

For Preparation Intended for the Treatment of Hepatobiliary and Digestive Disturbances.
Claims use since Sept. 24, 1936.

CLASS 8

Smokers' Articles, Not Including Tobacco Products

Ser. No. 381,393. COMOLITE CORPORATION, Long Island City, N. Y. Filed July 25, 1936.

Ace BLENDED BRIAR

The words "Blended Briar" are disclaimed apart from the mark shown.
For Blended Briar Smoking Pipes.
Claims use since Jan. 1, 1935.

CLASS 9

Explosives, Firearms, Equipments, and Projectiles

Ser. No. 384,328. HERCULES POWDER COMPANY, Wilmington, Del. Filed Oct. 14, 1936.

HERCAMON

For Nitrate of Ammonia Blasting Agent, Which, in Cartridge Form or Bags, is Detonated by the Use of a Booster of High Explosives.
Claims use since Sept. 29, 1936.

CLASS 10

Fertilizers

Ser. No. 380,514. HYPER-HUMUS COMPANY, Newton, N. J. Filed July 2, 1936.

Hyper Humus

NATURE'S SOIL BUILDER

The words "Humus" and "Soil Builder" are disclaimed apart from the mark.
For Fertilizers and Soil Improvers.
Claims use since June 30, 1915.

CLASS 11

Inks and Inking Materials

Ser. No. 361,970. E. J. KELLY CO., Kalamazoo, Mich. Filed Feb. 28, 1935.

NON-SCRATCH

For Printing Inks, Lithographic Inks, and Materials Used in Producing Such Inks—namely, Dry Colors, Varnishes, and Driers.
Claims use since Jan. 30, 1935.

CLASS 12

Construction Materials

Ser. No. 375,835. THE BARBER ASPHALT COMPANY, Philadelphia, Pa. Filed Mar. 11, 1936.

STA-RITE

Applicant is the owner of Reg. No. 126,934, registered Oct. 14, 1919.
For Composition Roofing—Namely, Asphalt Shingles.
Claims use since Feb. 21, 1936.

Ser. No. 382,652. AMERICAN LUMBER AND TREATING COMPANY, Chicago, Ill. Filed Aug. 28, 1936.

WOLMANIZED REG. U.S. PAT. OFF. CERTIFIED PROTECTED AGAINST DECAY & TERMITES A.L.& T. CO.

The words "Certified", "Protected Against Decay & Termites", and "Reg. U. S. Pat. Off." apart from the mark are disclaimed.
For Lumber of All Kinds Treated by Impregnation with Wolman Salts or Other Wood-Preserving and Fire-Resisting Preparations or Compounds of Plant, Fungus, and Animal-Destroying Preparations or Compounds.
Claims use since June 8, 1936.

Ser. No. 383,322. NORRISTOWN MAGNESIA & ASBESTOS COMPANY, Norristown, Pa. Filed Sept. 16, 1936.

PERM-JACK

For Flexible Sheets and Rigid Panels of Heat Insulating Material.
Claims use since July 29, 1936.

Ser. No. 383,323. NORRISTOWN MAGNESIA & ASBESTOS COMPANY, Norristown, Pa. Filed Sept. 16, 1936.

PERM-TEX

For Flexible Sheets and Rigid Panels of Heat Insuing Material.
Claims use since Sept 9, 1936.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 370,295. THE DOLE VALVE COMPANY, Chicago, Ill. Filed Oct. 12, 1935.

VARI VENT

The word "Vent" is disclaimed apart from the mark.
For Air Valves for Steam Heating Systems.
Claims use since Sept. 20, 1935.

Ser. No. 380,888. SOLO AUTOMOTIVE ENGINEERING CO., New York, N. Y., assignor to Solo Automatic Manufacturing Company, Inc., of New York, N. Y. Filed July 10, 1936.

SOLO

The representation of the goods apart from the mark as shown is disclaimed.

For Valve Device Used for Bleeding Hydraulic Brakes of Vehicles.

Claims use since Mar. 30, 1936.

Ser. No. 383,007. THE CORNELIUS COMPANY, Minneapolis, Minn. Filed Sept. 8, 1936.

MIRACLE

For Beer Faucets.

Claims use since Jan. 1, 1936.

CLASS 15

Oils and Greases

Ser. No. 377,415. PARAGON OIL COMPANY, INC., Brooklyn, N. Y. Filed Apr. 20, 1936.

Paragraf

For Lubricating Oil.

Claims use since Dec. 11, 1935.

CLASS 16

Paints and Painters' Materials

Ser. No. 360,238. NORFOLK PAINT & VARNISH COMPANY, Quincy and Atlantic, Mass. Filed Jan. 14, 1935.

BEAUTY BY THE GALLON

The word "Beauty" and the words "by the Gallon" are disclaimed apart from the combination of the phrase, "Beauty by the Gallon" as shown.

For Paints—Namely, Ready-Mixed Paints, and Ready-to-Mix Paints, Varnishes, and Lacquers.

Claims use since Jan. 1, 1933.

Ser. No. 382,898. GEORGE T. WOOD, doing business as Grace Manufacturing Company, Cincinnati, Ohio. Filed Sept. 3, 1936.



The word "Polish" is disclaimed apart from the mark.

For Gum-base Polish for Automobiles, Floors, Woodwork, and the Like.

Claims use since May 1, 1936.

Ser. No. 383,407. ROXALIN FLEXIBLE LACQUER COMPANY, INCORPORATED, Elizabeth, N. J. Filed Sept. 18, 1936.



The words "Flexible" and "Finishes" are disclaimed apart from the mark as shown.

For Lacquers, Lacquer Enamels, Thinners, Bronzing Liquids, Undercoatings, Wood and Metal Sealers, Fillers, Primers, Ready Mixed Paints, Varnishes, Oil Base and Synthetic Resin-base Enamels, Driers and Paint Colors, and Synthetic and Cellulose Surface Coating Materials Whose Basic Ingredients Consist of Cellulose Esters or Ethers or Both.

Claims use since May 14, 1936.

Ser. No. 384,292. KREBS PIGMENT & COLOR CORPORATION, Wilmington, Del. Filed Oct. 13, 1936.

TI-SIL

For Paint Pigments.

Claims use since Feb. 25, 1936.

Ser. No. 384,320. M. EWING FOX CO., INC., New York, N. Y. Filed Oct. 14, 1936.

Raymura

For Water Paint in Paste Form.

Claims use since June 5, 1936.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 382,953. THE S. E. HYMAN COMPANY, Fremont, Ohio. Filed Sept. 5, 1936.

Super-Cool Breeze

For Covers for Automobile Cushions, Seats, and Seat Backs.

Claims use since 1933.

Ser. No. 382,954. THE S. E. HYMAN COMPANY, Fremont, Ohio. Filed Sept. 5, 1936.

Lakeside

For Covers for Automobile Cushions, Seats, and Seat Backs.

Claims use since 1933.

Ser. No. 383,204. WILLIAM E. CALDWELL, doing business as Caldwell Mobilhome, Hillsboro, Ohio, assignor to Edwards Iron Works, Incorporated, of South Bend, Ind., a Corp. of Indiana. Filed Sept. 14, 1936.

Home-mobile

For House Trailers for Use in Association with Automobiles, and Similar Powered Vehicles.

Claims use since Sept. 10, 1936.

Ser. No. 383,409. SOUTHERN WHEEL COMPANY, New York, N. Y. Filed Sept. 18, 1936.

SOUTHERN

For Car Wheels.

Claims use since Feb. 1, 1913.

Ser. No. 383,521. FOOD MACHINERY CORPORATION, San Jose, Calif. Filed Sept. 23, 1936.

SHUR-ON

For Vehicle Wheel Balancing-Weights.

Claims use since Oct. 19, 1935.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 370,938. BROWN COMPANY, Portland, Maine and Berlin, N. H. Filed Oct. 29, 1935.

DURA-CELL

The word "Cell" apart from the mark shown is disclaimed.

For Fiber Conduits for Electrical Purposes.

Claims use since Oct. 9, 1935.

Ser. No. 382,406. ZEPHYR COMPANY, Minneapolis, Minn. Filed Aug. 20, 1936.

Zephyr

For Electrically Operated Vacuum Cleaners.

Claims use since Aug. 2, 1936.

Ser. No. 382,845. TRANSDUCER CORPORATION, New York, N. Y. Filed Sept. 2, 1936.

TRANSDUCER

For Sound Detecting and Reproducing Equipment and Particularly for Devices for Translating Acoustical Energy into Electrical Energy or Vice Versa.

Claims use since Aug. 12, 1936.

Ser. No. 382,846. TRANSDUCER CORPORATION, New York, N. Y. Filed Sept. 2, 1936.

"BULLET"

For Sound Detecting and Reproducing Equipment and Particularly for Devices for Translating Acoustical Energy into Electrical Energy or Vice Versa.

Claims use since Aug. 12, 1936.

Ser. No. 383,140. L. W. THOMSEN, doing business as Capitol Amplifier Company, Washington, D. C. Filed Sept. 11, 1936.

RECALL

For Telephonic Electrical Annunciators and Call Systems and the like, Public Address Systems and Speakers, Amplifier Systems, Units and Loud Speaker Controls and Parts for Same.

Claims use since Dec. 15, 1935.

Ser. No. 383,319. NACO AMUSEMENT CO., Prescott, Ariz. Filed Sept. 16, 1936.

E-Z Money Night

For Electrically Operated Sign Boards.

Claims use since July 15, 1936.

Ser. No. 384,098. RED-BAR BATTERY COMPANY, Dayton, Ohio. Filed Oct. 7, 1936.

AIR-CITY

For Storage Batteries.
Claims use since July 24, 1936.

Ser. No. 384,149. MCGRAW ELECTRIC COMPANY, Chicago, Ill., and St. Louis, Mo. Filed Oct. 8, 1936.

TP

For Fuses, Fuse Bases, and Adapters of the Type.
Claims use since Feb. 13, 1936.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 377,274. LANGFELDER, HOMMA & HAYWARD, INC., New York, N. Y. Filed Apr. 16, 1936.

For Musical Toys, Especially Toy Pianos.
Claims use since Dec. 1, 1933.

Ser. No. 377,550. WILLIAM S. KARP, New York, N. Y. Filed Apr. 23, 1936.

PROJECTO

The word "Roulette" is disclaimed apart from the mark as shown.
For Game Apparatus Including a Moving Picture Camera Wherein Symbols are Projected on a Screen and the Participants Score According to such Projections which Relate to one of the Games.
Claims use since Feb. 12, 1936.

Ser. No. 384,169. TORMO PRODUCTS CO., Chicago, Ill. Filed Oct. 9, 1936.

DOLLY STANDUP

For Paper, Cardboard, Fabric, Composition, and Metal Toy Cut Outs.
Claims use since Oct. 4, 1934.

Ser. No. 384,493. ADAM HAT STORES, INC., New York, N. Y. Filed Oct. 19, 1936.

ADAMfone

For Megaphones.
Claims use since Sept. 15, 1936.

Ser. No. 384,528. THE P. GOLDSMITH SONS COMPANY, Cincinnati, Ohio. Filed Oct. 19, 1936.

Flight Master

For Golf Clubs.
Claims use since June 16, 1936.

Ser. No. 384,569. NORMAN C. SMITH, Columbus, Ohio. Filed Oct. 19, 1936.

I-GOT-IT

For Indoor Game Utilizing Cards in the Playing Thereof.
Claims use since Oct. 1, 1936.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 381,304. WORTMAN ROLLER COMPANY, Cincinnati, Ohio. Filed July 21, 1936.

MASTEROLL

The representation of a roll apart from the mark as shown is disclaimed.
For Printers' Rollers.
Claims use since Jan. 8, 1936.

Ser. No. 382,320. PRATT INDUSTRIES, INC., Frankfort, N. Y. Filed Aug. 18, 1936.

PRATT INDUSTRIES INC. FRANKFORT N.Y.

The words "Frankfort, N. Y.", apart from the mark as shown are disclaimed.
For Automotive Mufflers and Exhaust and Tail Pipes.
Claims use since Mar. 7, 1936.

Ser. No. 383,216. MILLER MANUFACTURING CO., Hicksville, Ohio. Filed Sept. 14, 1936.

BUCKHORN

For Hand Operated Tools Consisting of Tools and Parts Thereof—Namely, Hay Forks, Garden Rakes, Spading Forks, Garbage Hooks, Manure Hooks, Potato Hooks, Lawn Rakes, Garden Spades, Grain Scoop, Coal Shovels, Garden Hoes.
Claims use since Aug. 17, 1936.

Ser. No. 383,347. HOWARD A. CLARK, Clay Center, Kans. Filed Sept. 17, 1936.

STERI-KLEEN STEAMER

The words "Kleen Steamer" are disclaimed apart from the mark as shown.
For Combination Steamer, Washer, and Sterilizer For Cream Cans.
Claims use since May 20, 1935.

CLASS 24

Laundry Appliances and Machines

Ser. No. 383,756. WHEELING CORRUGATING COMPANY, Wheeling, W. Va. Filed Sept. 28, 1936.

DURA-ZINC

The word "Zinc" apart from the mark as shown is disclaimed.
For Metal Wash Tubs.
Claims use since Apr. 19, 1935.

CLASS 25

Locks and Safes

Ser. No. 379,855. SUPPLEE-BIDDLE HARDWARE CO., Philadelphia, Pa. Filed June 17, 1936.

GOLD SEAL

For Thumb Latches, Garage Door Lock Sets, Night Latches, Barrel Bolts, Front Door Lock Sets, Store Door Lock Sets, Mortise Inside Lock Sets, Rim Knob Lock Sets, Rim Locks, and Sash Fasts.
Claims use upon thumb latches and garage door lock sets since November 15th, 1935; upon night latches since November 23rd, 1935; upon barrel bolts since December 15th, 1935; and upon front door lock sets, store door lock sets, mortise inside lock sets, rim knob lock sets, rim locks, and sash fasts since January 4th, 1936.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 377,115. INTERNATIONAL RADIO CORPORATION, Ann Arbor, Mich. Filed Apr. 11, 1936.

argus

For Photographic Cameras, Photographic Printing Machines, and Projectors.
Claims use since Oct. 24, 1935.

Ser. No. 382,564. THE MAYFAIR NEEDLEWORK PATTERN COMPANY, INC., New York, N. Y. Filed Aug. 25, 1936.

Monarch

For Needlework Patterns.
Claims use since July 22, 1936.

Ser. No. 383,040. TOKHEIM OIL TANK & PUMP CO., Fort Wayne, Ind. Filed Sept. 8, 1936.

TOKHEIM
STATIONLITER

The name "Stationliter" apart from the mark shown is disclaimed.
For Self-Measuring Gasoline Pumps.
Claims use since Sept. 1, 1936.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 378,960. ALBERT WEINER, doing business as Albert Manufacturing Company, Providence, R. I. Filed May 27, 1936.

Alberta

For Synthetic Pearls and Jewelry Novelties—Namely, Dress Clips, Which Clips Are Ornamental and Worn as

an Article of Jewelry, Bracelets, Pearl Necklaces, Clip Brooches, Buckles For Wrist Bands of Watches, Earrings, and Clasps, in Metal, Rhinestone, Catalin, or Pearl.
Claims use since April, 1935.

CLASS 29

Brooms, Brushes, and Dusters

Ser. No. 383,938. THE OSBORN MANUFACTURING COMPANY, Cleveland, Ohio. Filed Oct. 3, 1936.

Osborn Brushes

The word "Brushes" is disclaimed except in connection with the other features of the mark.
For Household, Factory, Foundry, Painters', Paperhangers', Butchers', Dairy, Horse, Automobile, Bakers' Flue, Scrubbing, Window, Wire Scratch, Wheel, Platers', Brewers', and Dry-Cleaners' Brushes, and Household, Warehouse, Mill, Factory, Stable, and Street-Sweeping Brooms.
Claims use since May, 1924.

CLASS 31

Filters and Refrigerators

Ser. No. 383,201. RUSS SODA FOUNTAIN COMPANY, Cleveland, Ohio. Filed Sept. 14, 1936.

POLARPLATE

For Refrigerated Disp'ay and Service Units.
Claims use since Aug. 21, 1936.

CLASS 32

Furniture and Upholstery

Ser. No. 355,293. JOHN C. BURNS, doing business as Oloph Specialties Co., Cambridge, Mass. Filed Aug. 22, 1934.

OLOPH

For Funeral Furniture—Namely, Casket Biers and Reading Stands, Also Known as Rosary Stands.
Claims use since 1931.

Ser. No. 383,238. TOMLINSON OF HIGH POINT, High Point, N. C. Filed Sept. 14, 1936.



The representation of the chair is disclaimed apart from the mark.
For Articles of Furniture—Namely, Buffets, Dining Tables, Serving Tables, China Cabinets, Corner Cabinets, Mirrors, Dining Chairs, Sofas, Short Sofas, Club Chairs, Wing Chairs, Barrel Chairs, Occasional Chairs, Desk Chairs, Benches, Beds, Dressers, Vanities, Dressing Tables, Chests, Chests on Chests, Night Tables, Bedroom Chairs, Bedroom Benches, High Boys, Low Boys, Secretaries, Desks, Coffee Tables, Card Tables, End Tables, Lamp Tables, Pier Tables, Tilt Top Tables, Drop Leaf Tables, Chairside Tables, Butlers Tables, Reading Stands, Arm Chairs, Writing Tables, Console Tables, Stools, Long Stools, Cupboards, Bookcases, Couches, Day Beds, Folding Tables, Sideboards, Cradles, Sofa Tables, Stands, Window Seats, Bureaus, Dressing Screens and Panels Therefor.
Claims use since July 13, 1934.

CLASS 33

Glassware

Ser. No. 381,750. ATLAS BREWING COMPANY, Chicago, Ill. Filed Aug. 3, 1936.

THRIFTY

For Glass Bottles for Beer.
Claims use since July 1, 1936.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 382,931. S. H. G. INCORPORATED, Chicago, Ill. Filed Sept. 4, 1936.

ECONOMY

For Machines for Making Carbureted Gas.
Claims use since Nov. 22, 1933.

Ser. No. 383,420. VIGOR-AIRE CORPORATION, Philadelphia, Pa. Filed Sept. 17, 1936.

VIGORAIRE

For Humidifiers.
Claims use since February, 1934.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 383,119. A. B. CHANCE CO., Centralia, Mo. Filed Sept. 11, 1936.

FLEX-TITE

For Piston Rings for Internal Combustion Engines.
Claims use since June 19, 1936.

CLASS 37

Paper and Stationery

Ser. No. 381,536. NATIONAL PENCIL COMPANY, Shelbyville, Tenn. Filed July 28, 1936.

NATIONAL

For Wood Cased Lead Pencils and Mechanical Pencils.
Claims use since Jan. 1, 1933.

Ser. No. 383,300. FEDERATED MILLS, INC., New York, N. Y. Filed Sept. 16, 1936.

TRUDRIE

For Facial Tissues.
Claims use since Aug. 4, 1936.

Ser. No. 383,895. THE NOBLE PAPER COMPANY, Cleveland, Ohio. Filed Oct. 2, 1936.

Easy-Tone

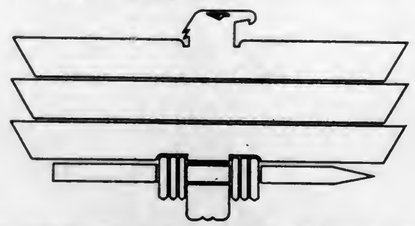
For Book Paper, Bond Paper, Ledger Paper, Writing Paper, Index Bristol, and Paper for Manifolding Purposes.
Claims use since Sept. 11, 1936.

Ser. No. 383,989. A. B. DICK COMPANY, Chicago, Ill. Filed Oct. 5, 1936.

KOZUTINT

For Cushion Sheets Used in the Preparation of Stencils.
Claims use since Sept. 18, 1936.

Ser. No. 384,031. EAGLE PENCIL COMPANY, New York, N. Y. Filed Oct. 6, 1936.



For Lead Pencils, Crayons, Pencil Leads, Lumber Leads, Pencil Point Protectors, Pencil Holders, Pencil Lengtheners, Pencil Cases, Lead Boxes, Mechanical Pencils, Penholders, Metallic Pens, Stylographic Pens, Fountain Pens, Rubber Erasers, and Desk Sets.
Claims use since Jan. 21, 1936.

CLASS 38

Prints and Publications

Ser. No. 377,322. PUBLISHERS SYNDICATE, Chicago, Ill. Filed Apr. 17, 1936.

TIME OUT!

For Newspaper Cartoons Published in a Continuing Series.
Claims use since Mar. 1, 1936.

Ser. No. 381,684. THE NEW YORK WOMAN, INCORPORATED, New York, N. Y. Filed July 31, 1936.

THE New York Woman

For Periodical.
Claims use since July 5, 1934.

Ser. No. 382,763. ARTHUR W. NEHL, Chicago, Ill. Filed Aug. 31, 1936.

TRAINS BY NAME AND NAMES OF TRAINS

For Periodical.
Claims use since Aug. 25, 1936.

Ser. No. 382,817. AMERICAN TRUCKING ASSOCIATIONS, INC., Washington, D. C. Filed Sept. 2, 1936.

Transport Topics

For Weekly News Publication.
Claims use since Sept. 2, 1935.

Ser. No. 383,315. MASSACHUSETTS DIESEL INSTITUTE, Boston, Mass. Filed Sept. 16, 1936.

The DIESEL WORLD

For Magazine Published at Intervals.
Claims use since Aug. 12, 1936.

Ser. No. 383,465. BOWEN PRESS, INC., doing business as Dixie Contractor, Atlanta, Ga. Filed Sept. 21, 1936.

The DIXIE CONTRACTOR

For Periodical.
Claims use since July, 1926.

CLASS 39

Clothing

Ser. No. 372,094. WM. HABERMAN CORPORATION, New York, N. Y. Filed Nov. 29, 1935.

Customaire



For Men's and Boys' Outer Shirts, Underwear, and Pajamas.
Claims use since Mar. 22, 1934.

Ser. No. 377,548. THE JOSEPH & FEISS COMPANY, Cleveland, Ohio. Filed Apr. 23, 1936.

CORDULUX

For Men's and Boys' Topcoats.
Claims use since Mar. 27, 1936.

Ser. No. 377,877. THE FRANK H. LEE COMPANY, Danbury, Conn. Filed May 1, 1936.

VENT-O-LITE

The word "Lite" is disclaimed except as shown.
For Men's and Boys' Felt and Straw Hats.
Claims use since Feb. 11, 1933.

Ser. No. 378,266. JACOB POLLACK & SONS, New York, N. Y. Filed May 9, 1936.

MILLAMA

For Men's Clothing—Namely, Coats, Pants, Vests, Top-Coats, and Overcoats.
Claims use since July, 1933.

Ser. No. 380,211. ARTHUR J. MAYER, doing business as Max Mayer's Sons, New York, N. Y. Filed June 25, 1936.

RM ARM FREE FRE

The words "Arm Free" are disclaimed apart from the mark as shown.
For Women's Coats, Sweaters, and Blouses.
Claims use since Jan. 29, 1936.

Ser. No. 382,326. A. SOLOMON, New Orleans, La. Filed Aug. 18, 1936.

SHAMROCK

For Men's and Boys' Suits and Trousers of Linen or Other Washable Material.
Claims use since March, 1936.

Ser. No. 382,829. HARRINGTON & WARING, New York, N. Y. Filed Sept. 2, 1936.



THREE CARRIERS

The words "Three Carriers" and the representation of a stocking are disclaimed apart from the association shown.
For Hosiery.
Claims use since July 1, 1936.

Ser. No. 383,519. EISENDRATH GLOVE CO., New York, N. Y. Filed Sept. 23, 1936.

Eisendrath
CORONATION
GLOVES

The word "Gloves" is disclaimed apart from the mark as shown.
For Men's, Women's, and Children's Gloves of Leather or Fabric, and Combinations Thereof.
Claims use since Feb. 7, 1934.

Ser. No. 383,603. TARK TEXTILE CORPORATION, New York, N. Y. Filed Sept. 24, 1936.

Scotshire

For Mufflers Made of Wool, Silk, Rayon, and Cotton Materials or Mixtures of the Same.
Claims use since Aug. 15, 1934.

Ser. No. 383,625. JOHNSON, STEPHENS AND SHINKLE SHOE COMPANY, St. Louis, Mo. Filed Sept. 25, 1936.



For Shoes of Leather, or a Combination of Leather, Rubber, or Fabric.
Claims use since Sept. 17, 1936.

Ser. No. 383,626. JOHNSON, STEPHENS AND SHINKLE SHOE COMPANY, St. Louis, Mo. Filed Sept. 25, 1936.



For Shoes of Leather, or a Combination of Leather, Rubber, or Fabric.
Claims use since Sept. 17, 1936.

Ser. No. 384,022. ANDERSON-KONDAZIAN CO., INC., Watertown, Mass., now by change of name, Anderson-Little Company, Inc., a corporation of Massachusetts. Filed Oct. 6, 1936.

Needleville

For Men's and Young Men's Suits and Coats.
Claims use since Aug. 3, 1936.

Ser. No. 384,041. MAYFLOWER DRESS COMPANY, INC., New York, N. Y. Filed Oct. 6, 1936.

GROOMETTE

For Women's and Misses' Dresses.
Claims use since Mar. 1, 1936.

Ser. No. 384,062. JOHN WANAMAKER PHILADELPHIA, Philadelphia, Pa. Filed Oct. 6, 1936.

MILLROSE

For Youths' Suits.
Claims use since Sept. 2, 1936.

Ser. No. 384,097. NORWICH KNITTING COMPANY, Norwich, N. Y. Filed Oct. 7, 1936.

Champknit

WORTHY OF CHAMPIONS

For Polo Shirts, Outer-Shirts, Knit Jackets, Beach Robes, and Sweaters for Men, Women, and Children.
Claims use since May, 1927.

Ser. No. 384,163. PARAGON KNITTING MILLS, INC., Philadelphia, Pa. Filed Oct. 9, 1936.

GLENGORA

For Bathing Suits and Sweaters.
Claims use since Apr. 15, 1936.

Ser. No. 384,272. MAURICE B. SCHARFELD, doing business as Cap-a-toe Company, Cleveland, Ohio. Filed Oct. 12, 1936.

CAP·A·TOE

For Hosiery Protectors Adapted to Be Worn on the Foot.
Claims use since July 15, 1936.

Ser. No. 384,356. M. NIRENBERG SONS, INC., New York, N. Y. Filed Oct. 15, 1936.

Coronation

For Men's Outer Shirts.
Claims use since June 27, 1936.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 379,764. RIBBON MILLS CORPORATION, New York, N. Y. Filed June 15, 1936.

MOVIE STAR

For Ribbon Head Bands, Ribbon Barrettes, and Ribbon Hair Bandeaus for Women and Children.
Claims use since January, 1935.

Ser. No. 383,056. WILLIAM FINKELSTEIN, doing business as Eastern Trading Co., New York, N. Y. Filed Sept. 9, 1936.

Pro-Curler

The word "Curler" apart from the mark shown is disclaimed.
For Non-Electrical Hair Curlers, Hair Pins, and Combs.
Claims use since June 10, 1936.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 366,542. WEILL & HARTMANN, New York, N. Y. Filed June 22, 1935.

FIRST LADY
KUMFY

For Fabrics in the Piece—Namely, Wool, Silk, Rayon, and/or Combinations Thereof, for Ladies' and Misses' Wearing Apparel.
Claims use since Apr. 29, 1930.

Ser. No. 380,469. ARTHUR BEIR & CO., INC., New York, N. Y. Filed July 1, 1936.

SAFE·T·TONE

For Cotton Piece Goods.
Claims use since June 22, 1936.

Ser. No. 381,027. DUPLAN SILK CORPORATION, New York, N. Y. Filed July 15, 1936.

ENCHANTRESS

For Textile Fabrics—Namely, Velvets, Silk Fabrics, Cotton Fabrics, Rayon Fabrics, and Fabrics Composed of Synthetic Yarns, in the Piece.
Claims use since July 1, 1932.

Ser. No. 383,304. FORSTMANN WOOLEN CO., Passaic, N. J. Filed Sept. 16, 1936.

Frigitex

For Woolen Piece Goods.
Claims use since Sept. 1, 1936.

Ser. No. 383,358. JOY PRODUCTS CORPORATION, Little Falls, N. Y. Filed Sept. 17, 1936.

DUNWASHIN

For Diapers.
Claims use since Aug. 1, 1936.

Ser. No. 383,900. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Oct. 2, 1936.

LADY FAIR

For Sheets and Pillow Cases.
Claims use since September, 1928.

Ser. No. 383,954. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Oct. 3, 1936.

VELMERE

For Textile Rugs.
Claims use since Dec. 4, 1935.

Ser. No. 383,964. ALBERT H. VANDAM CO., INC., New York, N. Y. Filed Oct. 3, 1936.

HAMPSPUN

For Piece Goods of Silk, Cotton, Rayon, and Wool, and Piece Goods of Mixtures of These Materials.
Claims use since Sept. 1, 1936.

Ser. No. 383,965. ALBERT H. VANDAM CO., INC., New York, N. Y. Filed Oct. 3, 1936.

HAMPTWIST

For Piece Goods of Silk, Cotton, Rayon, and Wool, and Piece Goods of Mixtures of These Materials.
Claims use since Sept. 1, 1936.

Ser. No. 384,049. PEPPERELL MANUFACTURING COMPANY, Boston, Mass. Filed Oct. 6, 1936.

GUARDSMAN

For Textile Fabrics in the Piece of All Types and Styles, Made of Cotton, Silk, Rayon, Artificial Silk, or Mixtures of Cotton and Silk, Cotton and Rayon, or Cotton and Artificial Silk, Coverlets, Bed Spreads, Quilts, Comforter Covers and Puff Covers, Counterpanes, Mattress Ticking, Bed Sheets and Pillow Cases Manufactured from Said Fabrics, or Any of Them; and Blankets Made of Wool or Mixtures of Cotton and Wool.
Claims use since Sept. 4, 1936.

Ser. No. 384,055. TERHUNE, YEARANCE & WOLFF, INC., New York, N. Y. Filed Oct. 6, 1936.



The word "Twist" is disclaimed apart from the mark.
For Woolen and Worsted Fabrics in the Piece.
Claims use since November, 1935.

Ser. No. 384,118. CLUETT, PEABODY & CO., INC., Troy, N. Y. Filed Oct. 8, 1936.

SANFOR

For Piece Goods of Cotton, Linen, Woolen, Silk, Rayon, and Combinations Thereof.
Claims use since Oct. 5, 1936.

Ser. No. 384,244. FRED BUTTERFIELD & CO., INC., New York, N. Y. Filed Oct. 12, 1936.



Spun Rise

For Fabrics in the Piece of Wool, Cotton, Silk, Rayon, and/or Combinations Thereof.
Claims use since Aug. 27, 1936.

CLASS 43

Thread and Yarn

Ser. No. 382,854. AMERICAN BEMBERG CORPORATION, New York, N. Y. Filed Sept. 3, 1936.



The representation of the cone of yarn is disclaimed apart from the mark as shown.
For Thread and Yarn of Artificial Origin.
Claims use since Aug. 10, 1936.

Ser. No. 384,122. FURIDA, INC., New York, N. Y. Filed Oct. 8, 1936.

TRIMGORA

For Yarns.
Claims use since Aug. 27, 1936.

Ser. No. 384,134. GLENN E. OSBORNE, doing business as Mayfair Yarncraft, New York, N. Y. Filed Oct. 8, 1936.

FURPACO

For Yarns of Cotton, Wool, Worsted, Rayon, Angora, Cashmere, and Mixtures Thereof.
Claims use since May 1, 1936.

Ser. No. 384,135. GLENN E. OSBORNE, doing business as Mayfair Yarncraft, New York, N. Y. Filed Oct. 8, 1936.

KASHCUNA

For Yarns of Cotton, Wool, Worsted, Rayon, Angora, Cashmere, and Mixtures Thereof.
Claims use since May 1, 1936.

Ser. No. 384,136. GLENN E. OSBORNE, doing business as Mayfair Yarncraft, New York, N. Y. Filed Oct. 8, 1936.

KASHMIRDOWN

For Yarns of Cotton, Wool, Worsted, Rayon, Angora, Cashmere, and Mixtures Thereof.
Claims use since May 1, 1936.

Ser. No. 384,218. PORTER (PHILADELPHIA) INC., Philadelphia, Pa. Filed Oct. 10, 1936.

Valãna

For Woolen Yarn and Animal Fibre Yarn.
Claims use since Apr. 10, 1936.

Ser. No. 384,226. BERNHARD ULMANN CO. INC., New York, N. Y. Filed Oct. 10, 1936.

Floraltone

For Yarns.
Claims use since Sept. 30, 1936.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 381,374. MORTIMER B. PARKER, Oakland, Calif. Filed July 23, 1936.

MISTMASTER

For Vaporizers of Volatile Materials Including Medicaments and Deodorants and Fumigants and Perfumes.
Claims use since July 13, 1936.

Ser. No. 381,375. MORTIMER B. PARKER, Oakland, Calif. Filed July 23, 1936.

BEAUTY MIST

For Vaporizers of Volatile Materials Including Medicaments and Deodorants and Fumigants and Perfumes.
Claims use since July 13, 1936.

Ser. No. 382,747. BISHINGER KOEHLER MANUFACTURING COMPANY, INC., Pittsburgh, Pa. Filed Aug. 31, 1936.



The word "Products" is disclaimed apart from the mark as shown.
For Oxygen Breathing Apparatus.
Claims use since October, 1933.

Ser. No. 382,897. WESTINGHOUSE LAMP COMPANY, Bloomfield, N. J. Filed Sept. 3, 1936.

STERILAMP

For Vacuum or Gas-Filled Tubes for Ultra-Violet Lamps.
Claims use since July 6, 1936.

Ser. No. 383,778. MURLEY-ROLLESTON CORPORATION, New York, N. Y. Filed Sept. 29, 1936.

THERATHERM

For Electro-Medical and Electro-Surgical Apparatus.
Claims use since Aug. 1, 1936.

CLASS 45

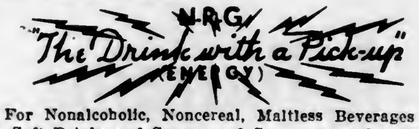
Beverages, Nonalcoholic

Ser. No. 377,911. CITRUS PRODUCTS COMPANY, Chicago, Ill. Filed May 2, 1936.

"The Drink with a Pick-up"

The word "Drink" apart from the mark as shown is disclaimed.
For Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks and Syrups and Concentrates from Which Such Soft Drinks Are Made.
Claims use since Apr. 18, 1936.

Ser. No. 378,393. CITRUS PRODUCTS COMPANY, Chicago, Ill. Filed May 13, 1936.



For Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks and Syrups and Concentrates from Which Such Soft Drinks Are Made.
Claims use since Mar. 4, 1936.

Ser. No. 384,184. SEMINOLE FLAVOR COMPANY, Chattanooga, Tenn. Filed Oct. 10, 1936.

NAME-IT

For Carbonated, Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks, and Syrups for Compounding the Same.
Claims use since Sept. 16, 1936.

Ser. No. 384,246. CITRUS JUICE & FLAVOR CO. LTD., Orange, Calif. Filed Oct. 12, 1936.

5-RITE

For Nonalcoholic, Maltless, Noncereal Beverages Sold as Soft Drinks, and Syrups, Extracts, and Concentrates Used in Making the Same.
Claims use since May 1, 1936.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 370,177. DRY FRUIT PRODUCTS CORPORATION, Oakland, Calif. Filed Oct. 9, 1935.

Fruit Kist

For Bread.
Claims use since Sept. 30, 1935.

Ser. No. 377,369. A MABEL PARKER, New York, N. Y. Filed April 18, 1936.



The words "Brandy-Wine" apart from the mark as shown are disclaimed.
For Mayonnaise.
Claims use since Feb. 1, 1935.

Ser. No. 380,178. LATOURAINE COFFEE CO., Boston, Mass. Filed June 26, 1936.

LaTouraine

For Coffee.
Claims use since October, 1906.

Ser. No. 381,400. CAAR CANNING COMPANY, Redkey, Ind. Filed July 24, 1936.



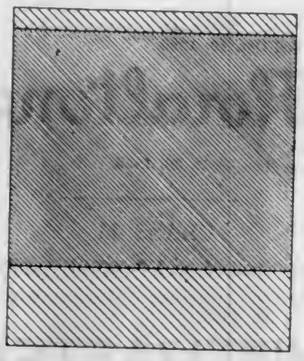
The drawing is lined for red.
For Canned Tomatoes, Canned Tomato Pulp, Canned Tomato Juice.
Claims use since August, 1917.

Ser. No. 382,345. ANGELA MARRONE COUPE, doing business as Vincenzo Marrone, Utica, N. Y. Filed Aug. 19, 1936.



All wording except "Vincenzo Marrone" is disclaimed apart from the mark shown.
For Olive Oil.
Claims use since Dec. 12, 1912.

Ser. No. 382,402. STANDARD BRANDS INCORPORATED, New York, N. Y. Filed Aug. 22, 1936.



The drawing is lined for different shades of green which are claimed as features of the mark.
For Gelatin.
Claims use since June 5, 1936.

Ser. No. 383,215. CHADRON FLOUR MILLS, Chadron, Nebr. Filed Sept. 14, 1936.



Jack & Jill

For Self Rising Pancake Flour, Wheat Hearts (a Cereal Prepared From the Heart of the Wheat), Yellow Corn Meal, White Corn Meal, Whole Wheat Flour, Graham Flour, White Flour.
Claims use since Aug. 21, 1914.

Ser. No. 383,290. ALBERS PACKING COMPANY, Riverside, Calif. Filed Sept. 16, 1936.



The word "Sliced" as shown is disclaimed. The representation of the label apart from the mark as shown is disclaimed. The drawing is lined for brown, green, and blue.
For Canned Olives.
Claims use since June, 1935.

Ser. No. 383,720. CAVA PACKING COMPANY, INC., San Francisco, Calif. Filed Sept. 28, 1936.



For Canned Fruit Cocktail, Canned Fruits, Canned Vegetables, Canned Vegetable Juices for Food Purposes.
Claims use since November, 1935.

Ser. No. 383,744. MARS INCORPORATED, Chicago, Ill. Filed Sept. 28, 1936.



For Candy.
Claims use since Sept. 23, 1936.

Ser. No. 383,749. PRESERVES & HONEY, INC., New York, N. Y. Filed Sept. 28, 1936.

AirlinE

For Fruit Preserves, Jams, Jellies, Honey, Peanut Butter, Cane and Maple Syrup, Mince Meat, Cranberry Sauce, Apple Butter and Lekvar (Prune Butter), and Condiments—Namely, Mustard and Barbecue Sauce.
Claims use since Nov. 3, 1911.

Ser. No. 383,752. S. A. SCHONBRUNN & CO. INC., New York, N. Y. Filed Sept. 28, 1936.

FACCETTA NERA

For Coffee.
Claims use since June 11, 1936.

Ser. No. 383,755. J. R. TOLIBIA, New York, N. Y. Filed Sept. 28, 1936.

MARCO AURELIO

For Cheese, Canned Vegetables, and Tomato Paste.
Claims use since Nov. 15, 1933.

Ser. No. 383,766. E. S. BRANDT, Los Angeles, Calif. Filed Sept. 29, 1936.

Fountain O' Youth

For Maté.
Claims use since June 23, 1936.

Ser. No. 383,946. SANTA PAULA ORANGE ASSN., Santa Paula, Calif. Filed Oct. 3, 1936.

COURAGE

For Fresh Citrus Fruits.
Claims use since Sept. 21, 1936.

Ser. No. 383,947. SANTA PAULA ORANGE ASSN., Santa Paula, Calif. Filed Oct. 3, 1936.

ENDURANCE

For Fresh Citrus Fruits.
Claims use since Sept. 21, 1936.

Ser. No. 383,949. SANTA PAULA ORANGE ASSN., Santa Paula, Calif. Filed Oct. 3, 1936.

STALWART

For Fresh Citrus Fruits.
Claims use since Sept. 21, 1936.

Ser. No. 383,950. SANTA PAULA ORANGE ASSN., Santa Paula, Calif. Filed Oct. 3, 1936.

STRENGTH

For Fresh Citrus Fruits.
Claims use since Sept. 21, 1936.

Ser. No. 383,997. THE FOSTER CANNING CO., INC., Glendale, N. Y. Filed Oct. 5, 1936.

Clipper

For Canned Food for Dogs, Cats, and other Carnivorous Animals.
Claims use since July 15, 1936.

Ser. No. 384,138. SCHUTTER-JOHNSON CANDY CORPORATION, Chicago, Ill. Filed Oct. 8, 1936.

FIGHT FAN

For Candy.
Claims use since Sept. 26, 1936.

Ser. No. 384,331. THE KEEFE PACKING COMPANY, Arkansas City, Kans. Filed Oct. 14, 1936.

BLACK AND WHITE

For Dog Food.
Claims use since June 9, 1936.

Ser. No. 384,362. AMERICAN POP CORN COMPANY, Sioux City, Iowa. Filed Oct. 15, 1936.

Hermetized

For Pop Corn.
Claims use since May 4, 1936.

CLASS 47

Wines

Ser. No. 371,271. SCHENLEY IMPORT CORPORATION, New York, N. Y. Filed Nov. 6, 1935.

LUCKY PORT



The word "Port" is disclaimed apart from the mark. The portrait is purely fanciful.
For Port Wines.
Claims use since July 22, 1935.

Ser. No. 371,272. SCHENLEY IMPORT CORPORATION, New York, N. Y. Filed Nov. 6, 1935.

LUCKY SHERRY



The word "Sherry" is disclaimed apart from the mark as shown. The portrait is purely fanciful.
For Sherry Wines.
Claims use since July 22, 1935.

Ser. No. 382,609. SUNNY HILL WINERIES, Chicago, Ill. Filed Aug. 26, 1936.

Sonora

For Wines.
Claims use since May 22, 1936.

Ser. No. 382,623. ETABLISSEMENTS PERNOD, MAISONS PERNOD FILS, HEMARD & PERNOD PERE & FILS REUNIES (SOCIÉTÉ ANONYME), Paris, France. Filed Aug. 27, 1936.

TOLA

For Vermouth.
Claims use since Dec. 23, 1935.

Ser. No. 383,415. MONARCH WINE CO. INC., New York, N. Y. Filed Sept. 19, 1936.

COQUETTE

For Wines.
Claims use since Dec. 10, 1933.

Ser. No. 383,443. PETRI CIGAR CO., doing business as Petri Wine Company, San Francisco, Calif. Filed Sept. 19, 1936.

Little John

For Wines.
Claims use since Aug. 7, 1936.

CLASS 48

Malt Beverages and Liquors

Ser. No. 383,849. THE NEW ENGLAND BREWING COMPANY, Hartford, Conn. Filed Oct. 1, 1936.

nebco

For Beer and Ale.
Claims use since Aug. 5, 1936..

Ser. No. 383,960. STANDARD BREWING COMPANY, INC., Rochester, N. Y. Filed Oct. 3, 1936.

OLD PRAIRIE SCHOONER



For Beer and Ale.
Claims use since Feb. 1, 1936.

Ser. No. 383,973. ATLAS BREWING COMPANY, Chicago, Ill. Filed Oct. 5, 1936..

ATLAS
Yorkshire

For Ale.
Claims use since Sept. 27, 1935.

Ser. No. 384,173. THE WEHLE BREWING COMPANY, West Haven, Conn. Filed Oct. 9, 1936.



For Ale.
Claims use since May 15, 1936.

Ser. No. 384,269. SCHEPPS BREWING CORPORATION, Dallas, Tex. Filed Oct. 12, 1936.

"Shorty"

For Lager Beer.
Claims use since Sept. 15, 1936.

Ser. No. 384,403. BASS, RATCLIFF & GRETTON LIMITED, Burton-on-Trent, England. Filed Oct. 16, 1936.

BASS

For Beer, Ale, Stout, and Porter.
Claims use since 1855.

CLASS 49

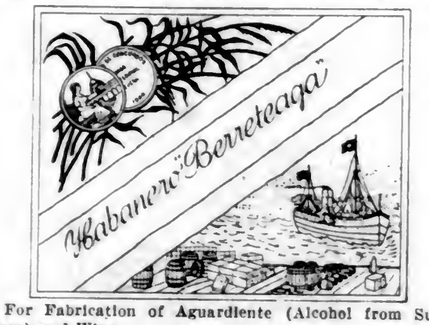
Distilled Alcoholic Liquors

Ser. No. 382,353. C. F. HERNANDEZ, S. EN C., Mexico, D. F., Mexico. Filed Aug. 19, 1936. Under 10-year proviso.



For Fabrication of Aguardiente (Alcohol Distilled from Sugar Cane) and Wine.
Claims use since 1865.

Ser. No. 382,354. C. F. HERNANDEZ, S. EN C., Mexico, D. F., Mexico. Filed Aug. 19, 1936. Under 10-year proviso.



For Fabrication of Aguardiente (Alcohol from Sugar Cane) and Wine.
Claims use since 1865.

Ser. No. 383,982. CHAPIN & GORE, INC., Chicago, Ill. Filed Oct. 5, 1936.



Chapin & Gore

CHAPIN & GORE

For Whiskey.
Claims use since 1892.

Ser. No. 384,221. GUS SINGER, Denver, Colo. Filed Oct. 10, 1936.

PRIDE OF DIXIE

For Whiskey.
Claims use since 1906.

Ser. No. 384,408. CHARLES & CO., New York, N. Y. Filed Oct. 16, 1936. Under 10-year proviso.

Charles & Co.

For Gin and Whiskey.
Claims use since 1872.

Ser. No. 384,420. FRIES & FRIES, INC., Cincinnati, Ohio. Filed Oct. 16, 1936.

F&F

For Alcoholic Essences, Extracts, Blending Agents, Flavors for Distilled Alcoholic Liquors and Alcoholic Bitters.
Claims use since Apr. 29, 1930.

Ser. No. 384,432. PACIFIC DISTILLERS, INC., Culver City, Calif.. Filed Oct. 16, 1936.

BAYVIEW

For Gin.
Claims use since Sept. 22, 1936.

Ser. No. 384,433. PACIFIC DISTILLERS, INC., Culver City, Calif. Filed Oct. 16, 1936.

GLEN HAVEN

For Whiskey.
Claims use since Sept. 22, 1936.

Ser. No. 384,496. BELLOWS & COMPANY, INC., New York, N. Y. Filed Oct. 19, 1936.

PARTNER'S CHOICE

For Whiskey.
Claims use since Sept. 15, 1936.

Ser. No. 384,556. JOSEPH H. REINFELD, INC., Newark, N. J. Filed Oct. 19, 1936.



For Gin.
Claims use since Dec. 31, 1935.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 381,103. FRANK EUGENE AUSTIN, Hanover, N. H. Filed July 15, 1936.

THE ANT PALACE

For Scenic Insect Cages.
Claims use since June, 1934.

Ser. No. 381,104. FRANK EUGENE AUSTIN, Hanover, N. H. Filed July 15, 1936.

THE ANTVILLE COAL MINE

For Scenic Insect Cages.
Claims use since January, 1936.

Ser. No. 381,258. L. E. CARPENTER & CO., INC., Newark, N. J. Filed July 21, 1936.

LACRTEX

For Fabrics Coated with Cellulose Derivatives and Fabrics Coated with Resinous Material.
Claims use since Nov. 28, 1935.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

DECEMBER 1, 1936

341,042. SYNTHETIC POLYMERIZATION PRODUCTS OF HIGH MOLECULAR WEIGHT CONTAINING A LARGE PERCENTAGE OF CARBON AND HYDROGEN IN CHEMICAL COMBINATION AND VARYING IN THEIR PHYSICAL PROPERTIES FROM A SOLID CAOUTCHOUC-LIKE CONSISTENCY TO THAT OF A VISCOUS OIL, SAID PRODUCTS BEING SUITABLE FOR VARIOUS USES IN THE INDUSTRIAL ARTS. ADVANCE SOLVENTS & CHEMICAL CORPORATION, New York, N. Y.
Filed May 5, 1936. Serial No. 378,030. PUBLISHED SEPTEMBER 15, 1936. Class 6.

241,043. SCOTCH WHISKY. JOHN ALLNUTT AND CO. LIMITED, London, England.
Filed July 8, 1936. Serial No. 380,736. PUBLISHED SEPTEMBER 22, 1936. Class 49.

341,044. SHIPPING BOXES, SHIPPING CARTONS, SHIPPING CONTAINERS, AND TRAVEL LIBRARY CONTAINERS. AMERICAN AUTOMOBILE ASSOCIATION, INCORPORATED, Washington, D. C.
Filed August 10, 1936. Serial No. 382,022. PUBLISHED SEPTEMBER 22, 1936. Class 2.

341,045. COTTON PIECE GOODS. AMERICAN BLEACHED GOODS COMPANY, New York, N. Y.
Filed August 1, 1936. Serial No. 381,698. PUBLISHED SEPTEMBER 22, 1936. Class 42.

341,046. FISHING LURES AND BAITS. THE AMERICAN FORK AND HOE COMPANY, Cleveland, Ohio.
Filed July 8, 1936. Serial No. 380,738. PUBLISHED SEPTEMBER 22, 1936. Class 22.

341,047. JUVENILE HANDCARS. THE AMERICAN-NATIONAL COMPANY, Toledo, Ohio.
Filed August 11, 1936. Serial No. 382,031. PUBLISHED SEPTEMBER 22, 1936. Class 22.

341,048. SHAVING BRUSHES. AMERICAN SAFETY RAZOR CORPORATION, Brooklyn, N. Y.
Filed August 8, 1936. Serial. No. 381,928. PUBLISHED SEPTEMBER 22, 1936. Class 29.

341,049. SOY BEAN FLOUR. ARCHER-DANIELS-MIDLAND COMPANY, Minneapolis, Minn.
Filed July 18, 1836. Serial No. 381,148. PUBLISHED SEPTEMBER 22, 1936. Class 46.

341,050. BEER. ARIZONA BREWING COMPANY, Phoenix, Ariz.
Filed August 3, 1936. Serial No. 381,746. PUBLISHED SEPTEMBER 22, 1936. Class 48.

341,051. BEER. ARIZONA BREWING COMPANY, Phoenix, Ariz.
Filed August 3, 1936. Serial No. 381,748. PUBLISHED SEPTEMBER 22, 1936. Class 48.

341,052. PACKAGED DOG FOOD. FRANC ARNOLD, St. Louis, Mo.
Filed May 2, 1936. Serial No. 377,908. PUBLISHED SEPTEMBER 22, 1936. Class 46.

341,053. MEN'S AND BOYS' CLOTHING (NOT INCLUDING NAUTICAL APPAREL)—NAMELY, SUITS, COATS, SHORTS FOR OUTER WEAR AND UNDER WEAR, UNDERWEAR, AND SHOES OF LEATHER, RUBBER, FABRIC, AND COMBINATIONS OF THESE MATERIALS. ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y.
Filed July 8, 1936. Serial No. 380,741. PUBLISHED SEPTEMBER 22, 1936. Class 39.

341,054. PRINTS AND PUBLICATIONS CONSISTING OF HOROSCOPES AND SIMILAR PUBLICATIONS DEALING WITH ASTROLOGY AND HOROSCOPY. THE ASTAR COMPANY, New York, N. Y.
Filed July 3, 1936. Serial No. 380,541. PUBLISHED SEPTEMBER 15, 1936. Class 38.

341,055. INSTRUMENTS HAVING THERMOSTATICALLY OPERATED MECHANISM FOR CONTROLLING ARTIFICIAL REFRIGERATORS AND THEREBY CONTROLLING THE TEMPERATURES PRODUCED BY THE REFRIGERATORS. THE AUTOMATIC RECLOSING CIRCUIT BREAKER COMPANY, Columbus, Ohio, now by change of name Ranco Incorporated.
Filed July 23, 1936. Serial No. 381,350. PUBLISHED SEPTEMBER 22, 1936. Class 26.

341,056. CHEMICAL PREPARATIONS FOR THE PROTECTION OF TREES AND THEIR CULTURE, PARTICULARLY FRUIT TREES AND OTHER PLANTS AGAINST PARASITES OF AN ANIMAL OR PLANT NATURE. R. AVENARIUS & CO., Stuttgart, Germany.
Filed July 20, 1936. Serial No. 381,247. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,057. SWEET VANILLA CHOCOLATE. BACHMAN CHOCOLATE MANUFACTURING COMPANY, Mount Joy, Pa.
Filed July 6, 1936. Serial No. 380,610. PUBLISHED SEPTEMBER 22, 1936. Class 46.

341,058. METALLIC TUBES. THE BABCOCK & WILCOX TUBE COMPANY, Beaver Falls, Pa.
Filed May 16, 1936. Serial No. 378,516. PUBLISHED SEPTEMBER 22, 1936. Class 13.

341,059. KNITTED FABRICS MADE OF COTTON, WOOL, AND ALPACA IN THE PIECE AND IN CUT LENGTHS FOR MEN'S AND WOMEN'S CLOTHING. BARBOUR WELTING COMPANY, doing business as Barbour Mills, Fabric Division of Barbour Welting Company, Brockton, Mass.
Filed August 1, 1936. Serial No. 381,707. PUBLISHED SEPTEMBER 22, 1936. Class 42.

341,060. CANNED COOKED BEEF HASH. H. B. BASHORE PRODUCTS, INC., North Hollywood, Calif.
Filed July 27, 1936. Serial No. 381,474. PUBLISHED SEPTEMBER 22, 1936. Class 46.

341,061. TRAILERS. RALPH T. BAUMBERGER, Los Angeles, Calif.
Filed January 15, 1936. Serial No. 373,665. PUBLISHED SEPTEMBER 22, 1936. Class 19.

341,062. CANNED FRUITS, CANNED VEGETABLES. BERCUT-RICHARDS PACKING COMPANY, Sacramento, Calif.
Filed July 31, 1936. Serial No. 381,653. PUBLISHED SEPTEMBER 22, 1936. Class 46.

341,063. COUGH LOZENGES AND MEDICATED COUGH DROPS. CHARLES B. BERNARDI, doing business as Chuck Laboratories, Highland Park, Ill.
Filed June 20, 1936. Serial No. 379,993. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,064. VACCINE FOR INTRAMUSCULAR OR SUBCUTANEOUS USE FOR THE TREATMENT OF RINGWORM OF THE SKIN, SCALP, HAIR, NAILS, AND MYCOTIC ALLERGIDS PRODUCED BY CERTAIN PARASITIC FUNGI. ERNST BISCHOFF COMPANY, INCORPORATED, New York, N. Y.
Filed July 3, 1936. Serial No. 380,543. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,065. AMMONIA, SPIRITS CAMPHOR, CASTOR OIL, GLYCERINE, PEROXIDE, ROCHELLE SALTS, BORIC ACID, CAMPHORATED OIL, COUGH SYRUP, LINIMENT, MILK OF MAGNESIA, AND WITCH HAZEL. G. F. BLACKMER & SONS, INC., Saratoga Springs, N. Y.
Filed July 16, 1936. Serial No. 381,063. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,066. WOVEN, KNITTED, AND TEXTILE PIECE GOODS MADE WHOLLY OR IN PART OF COTTON, LINEN, WOOL, WORSTED, SILK, SYNTHETIC SILK, OR COMBINATIONS THEREOF; TULLES, NETS, MUSLIN PIECE GOODS, AND LACES, IN THE PIECE. EDWARD BLOOM CO., Putnam, Conn., and New York, N. Y.
Filed July 23, 1936. Serial No. 381,351. PUBLISHED SEPTEMBER 22, 1936. Class 42.

341,067. BRANDY. THE BLUE RIDGE DISTILLERIES, INCORPORATED, Front Royal, Va.
Filed August 15, 1936. Serial No. 382,198. PUBLISHED SEPTEMBER 22, 1936. Class 49.

341,068. BRANDY. THE BLUE RIDGE DISTILLERIES, INCORPORATED, Front Royal, Va.
Filed August 15, 1936. Serial No. 382,199. PUBLISHED SEPTEMBER 22, 1936. Class 49.

341,069. MINERAL WAX, PARAFFIN, AND LUBRICATING GREASES. BÖHME FETTCHEMIE-GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, Chemnitz, Germany.
Filed March 28, 1936. Serial No. 376,523. PUBLISHED SEPTEMBER 8, 1936. Class 15.

341,070. TOOTH PASTE. BOST, INC., New York, N. Y.
Filed July 15, 1936. Serial No. 381,017. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,071. BOTTOM FINISHES FOR USE IN THE MANUFACTURE AND REPAIR OF BOOTS AND SHOES. BOSTON BLACKING & CHEMICAL CO., Boston, Mass.
Filed February 11, 1936. Serial No. 374,704. PUBLISHED SEPTEMBER 22, 1936. Class 4.

341,072. RUBBER HEELS AND RUBBER SOLES. BRADSTONE RUBBER COMPANY, Woodbine, N. J.
Filed July 24, 1936. Serial No. 381,398. PUBLISHED SEPTEMBER 22, 1936. Class 39.

341,073. CLOTH OF WOOLENS; WORSTED FABRICS, AND THE LIKE; ALL IN THE BOLT OR PIECE, FOR USE IN MAKING ARTICLES OF CLOTHING AND FOR USE AS UPHOLSTERY. BROAD BROOK COMPANY, Broad Brook, Conn.
Filed July 22, 1936. Serial No. 381,389. PUBLISHED SEPTEMBER 22, 1936. Class 42.

341,074. LIQUID ALCOHOL FOR USE AS A FUEL. SAMUEL C. BRODY, doing business as Lasher-Weeber Co., Boston, Mass.
Filed January 30, 1936. Serial No. 374,278. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,075. SCOTCH WHISKY. J. H. & J. BROOKE LIMITED, London, England.
Filed June 18, 1936. Serial No. 379,871. PUBLISHED SEPTEMBER 22, 1936. Class 49.

341,076. WHISKY, RUM, GIN, AND BRANDY. J. H. & J. BROOKE LIMITED, London, England.
Filed June 18, 1936. Serial No. 379,872. PUBLISHED SEPTEMBER 22, 1936. Class 49.

341,077. WHISKEY, GIN, RUM, BRANDY, AND, ALCOHOLIC CORDIALS, BROWN-FORMAN DISTILLERY COMPANY, Louisville, Ky.
Filed August 19, 1936. Serial No. 382,336. PUBLISHED SEPTEMBER 22, 1936. Class 49.

341,078. WHISKEY, GIN, RUM, BRANDY, AND ALCOHOLIC CORDIALS. BROWN-FORMAN DISTILLERY COMPANY, Louisville, Ky.
Filed August 19, 1936. Serial No. 382,337. PUBLISHED SEPTEMBER 22, 1936. Class 49.

341,079. BOWLING PINS. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Wilmington, Del., and Chicago, Ill.
Filed August 10, 1936. Serial No. 381,964. PUBLISHED SEPTEMBER 22, 1936. Class 22.

341,080. BOWLING PINS. THE BRUNSWICK-BALKE COLLENDER COMPANY, Wilmington, Del., and Chicago, Ill.
Filed August 10, 1936. Serial No. 381,965. PUBLISHED SEPTEMBER 22, 1936. Class 22.

341,081. BOWLING PINS. THE BRUNSWICK-BALKE COLLENDER COMPANY, Wilmington, Del., and Chicago, Ill.
Filed August 10, 1936. Serial No. 381,966. PUBLISHED SEPTEMBER 22, 1936. Class 22.

341,082. HAIR TONICS. A. BUCHHOLTZ CO., INC., New York, N. Y.
Filed July 15, 1936. Serial No. 381,019. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,083. BATTERY POWERED COMPARTMENT LIGHT. C. F. BURGESS LABORATORIES, INC., Chicago, Ill.
Filed July 10, 1936. Serial No. 380,859. PUBLISHED SEPTEMBER 22, 1936. Class 21.

341,084. LAWN SEED. CALDWELL SEED COMPANY, Evanston, Ill.
Filed July 21, 1936. Serial No. 381,332. PUBLISHED SEPTEMBER 22, 1936. Class 1.

341,085. KNIVES, PARTICULARLY POCKET KNIVES, THE METAL PARTS BEING ALL OF BASE METAL. CAMILLUS CUTLERY COMPANY, INC., New York, N. Y.
Filed July 25, 1936. Serial No. 381,445. PUBLISHED SEPTEMBER 22, 1936. Class 23.

341,086. BEER. CAPITOL BREWERY, INC., Jefferson City, Mo.
Filed August 1, 1936. Serial No. 381,709. PUBLISHED SEPTEMBER 22, 1936. Class 48.

341,087. YARNS. CELANESE CORPORATION OF AMERICA, New York, N. Y.
Filed July 28, 1936. Serial No. 381,527. PUBLISHED SEPTEMBER 22, 1936. Class 43.

341,088. YARNS. CELANESE CORPORATION OF AMERICA, New York, N. Y.
Filed July 28 1936. Serial No. 381,528. PUBLISHED SEPTEMBER 22. 1936. Class 43.

341,089. LAMP SHADES. CELLULOID CORPORATION, Newark, N. J.
Filed June 3, 1936. Serial No. 379,234. PUBLISHED SEPTEMBER 22, 1936. Class 34.

341,090. WHISKEY. CHARLES & CO., New York, N. Y.
Filed August 11, 1936. Serial No. 382,039. PUBLISHED SEPTEMBER 15, 1936. Class 49.

341,091. WHISKEY. CHARLES & CO., New York, N. Y.
Filed August 11, 1936. Serial No. 382,040. PUBLISHED SEPTEMBER 15, 1936. Class 49.

341,092. PHOTOGRAPHIC PRINTS. CEDRIC G. CHASE PHOTOGRAPHIC LABORATORIES, INC., Waltham, Mass.
Filed July 22, 1936. Serial No. 381,307. PUBLISHED SEPTEMBER 22, 1936. Class 38.

341,093. SHOCK ABSORBER FLUID. CHICAGO HYDRAULIC OIL CO., Chicago, Ill.
Filed June 22, 1936. Serial No. 380,035. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,094. PHONOGRAPH RECORDS. CHICAGO MUSICAL INSTRUMENT COMPANY, Chicago, Ill.
Filed July 18, 1936. Serial No. 381,150. PUBLISHED SEPTEMBER 22, 1936. Class 36.

341,095. RECORDING CHARTS FOR WATCHMAN'S CLOCKS. CHICAGO WATCHMAN'S CLOCK COMPANY, Chicago, Ill.
Filed June 26, 1936. Serial No. 380,258. PUBLISHED SEPTEMBER 22, 1936. Class 37.

341,096. RECORDING CHARTS FOR WATCHMAN'S CLOCKS. CHICAGO WATCHMAN'S CLOCK COMPANY, Chicago, Ill.
Filed June 26, 1936. Serial No. 380,259. PUBLISHED SEPTEMBER 22, 1936. Class 37.

341,097. GARTER AND SUSPENDER GRIPS. CHRISTIAN BERTHIN CHRISTIANSEN, Newark, N. J.
Filed November 7, 1935. Serial No. 371,305. PUBLISHED SEPTEMBER 8, 1936. Class 40.

341,098. CHEMICAL PREPARATION FOR USE IN FINISHING TEXTILE MATERIALS DURING MANUFACTURE OR DURING LAUNDERING OR DRY CLEANING. CLARENCE M. COBB, Boston, Mass.
Filed July 16, 1936. Serial No. 381,064. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,099. VEGETABLE FIBRE TWINE. COLUMBIAN ROPE COMPANY, Auburn, N. Y.
Filed August 10, 1936. Serial No. 381,972. PUBLISHED SEPTEMBER 22, 1936. Class 7.

341,100. VEGETABLE FIBRE TWINE. COLUMBIAN ROPE COMPANY, Auburn, N. Y.
Filed August 10, 1936. Serial No. 381,973. PUBLISHED SEPTEMBER 22, 1936. Class 7.

341,101. VEGETABLE FIBRE TWINE. COLUMBIAN ROPE COMPANY, Auburn, N. Y.
Filed August 10, 1936. Serial No. 381,974. PUBLISHED SEPTEMBER 22, 1936. Class 7.

341,102. VEGETABLE FIBRE TWINE. COLUMBIAN ROPE COMPANY, Auburn, N. Y.
Filed August 10, 1936. Serial No. 381,975. PUBLISHED SEPTEMBER 22, 1936. Class 7.

341,103. RUM. COMPAÑIA RON DAIQUIRI, S. A., Habana, Cuba.
Filed August 11, 1936. Serial No. 382,041. PUBLISHED SEPTEMBER 15, 1936. Class 49.

341,104. RUM. COMPAÑIA RON DAIQUIRI, S. A., Habana, Cuba.
Filed August 11, 1936. Serial No. 382,042. PUBLISHED SEPTEMBER 15, 1936. Class 49.

341,105. GIN, BRANDY, AND LIQUEURS. CONSOLIDATED WINE & SPIRIT CORP., Los Angeles, Calif.
Filed August 11, 1936. Serial No. 382,043. PUBLISHED SEPTEMBER 15, 1936. Class 49.

341,106. WHISKEY. CONSOLIDATED WINE & SPIRIT CORP., Los Angeles, Calif.
Filed August 11, 1936. Serial No. 382,044. PUBLISHED SEPTEMBER 15, 1936. Class 49.

341,107. PREPARATION FOR TREATMENT OF THE SKIN. CONTI PRODUCTS CORP., New York, N. Y.
Filed June 3, 1936. Serisl No. 379,235. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,108. TOE NAIL CLIPPERS. THE H. C. COOK COMPANY, Ansonia, Conn.
Filed June 1, 1936. Serial No. 379,082. PUBLISHED SEPTEMBER 22, 1936. Class 44.

341,109. COMBINATION MANICURE FILES AND FINGER NAIL CLIPPERS. THE H. C. COOK COMPANY, Ansonia, Conn.
Filed June 1, 1936. Serial No. 379,083. PUBLISHED SEPTEMBER 22, 1936. Class 44.

341,110. MEN'S TOILET CASES. COOKS' INC., Camden, N. J.
Filed August 5, 1936. Serial No. 381,837. PUBLISHED SEPTEMBER 22, 1936. Class 3.

341,111. AIR FILTERS. COPPUS ENGINEERING CORPORATION, Worcester, Mass.
Filed January 14, 1935. Serial No. 360,217. PUBLISHED SEPTEMBER 22, 1936. Class 34.

341,112. FUR PELT STRETCHERS. CHARLES B. CORBIN, Grand Rapids, Mich.
Filed January 23, 1936. Serial No. 373,997. PUBLISHED SEPTEMBER 22, 1936. Class 50.

341,113. CLEANSING CREAM. THE COSMETIC CLUB, LTD., New York, N. Y.
Filed July 31, 1936. Serial No. 381,663. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,114. NEWSPAPER. CREDIT PUBLISHING COMPANY, Minneapolis, Minn.
Filed July 3, 1936. Serial No. 380,556. PUBLISHED SEPTEMBER 15, 1936. Class 38.

341,115. WRAPPING PAPER AND WRAPPING MATERIAL IN THE FORM OF SHEETS OR ROLLS MADE OF FIBROUS OR NON-FIBROUS FLEXIBLE MATERIAL—NAMELY, PAPER, REGENERATED CELLULOSE, AND THE LIKE. CRYSTAL TUBE MANUFACTURING COMPANY, INC., Chicago, Ill.
Filed June 9, 1936. Serial No. 379,469. PUBLISHED SEPTEMBER 22, 1936. Class 37.

341,116. RUM. BERNARDO DE LA GUARDIA, New York, N. Y.
Filed February 21, 1935. Serial No. 361,682. PUBLISHED OCTOBER 8, 1935. Class 49.

341,117. TOILET PREPARATIONS—NAMELY, A BLEND OF OILS FOR CLEANSING THE SKIN; A BLEND OF OILS FOR STIMULATING THE NERVES OF THE SKIN, ETC. DERMETICS, INC., Seattle, Wash.
Filed May 29, 1936. Serial No. 379,041. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,118. BLANK FORMS FOR RACING PROGRAM. DESIGNATORFORM, Miami, Fla.
Filed June 13, 1935. Serial No. 366,150. PUBLISHED SEPTEMBER 22, 1936. Class 37.

341,119. RUM. DESTILERIA SERRALLES, INC., Ponce, P. R.
Filed August 6, 1936. Serial No. 381,892. PUBLISHED SEPTEMBER 15, 1936. Class 49.

341,120. EXTERNAL MEDICINE FOR WOUNDS, BURNS, SPRAINS, AND INFLAMMATION IN MAN AND BEAST. MARRIOTT C. DICK, doing business as The Dixone Company, Pulaski, Pa.
Filed June 9, 1936. Serial No. 379,472. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,121. SHOES MADE OF LEATHER, LEATHER AND FABRIC, AND THE COMBINATION OF LEATHER, RUBBER, AND FABRIC. THE WALKER T. DICKERSON COMPANY, Columbus, Ohio.
Filed July 20, 1936. Serial No. 381,193. PUBLISHED SEPTEMBER 22, 1936. Class 39.

341,122. MEDICINAL PREPARATION FOR REDUCING WEIGHT. DILEX DISTRIBUTORS INC., New York, N. Y.
Filed April 11, 1935. Serial No. 363,624. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,123. BREATH TABLETS. THE DILL COMPANY, Norristown, Pa.
Filed July 25, 1936. Serial No. 381,448. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,124. MEDICINE AND OINTMENT FOR THE EXTERNAL TREATMENT OF SKIN DISEASES. THE DOHO CHEMICAL CORPORATION, New York, N. Y.
Filed May 13, 1936. Serial No. 378,397. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,125. TRADE PAPER. THE REUBEN H. DONNELLEY CORPORATION, Chicago, Ill., and New York, N. Y.
Filed June 26, 1936. Serial No. 380,430. PUBLISHED SEPTEMBER 15, 1936. Class 38.

341,126. SILK PIECE GOODS. DOUCET, New York, N. Y.
Filed July 6, 1936. Serial No. 380,625. PUBLISHED SEPTEMBER 22, 1936. Class 42.

341,127. MONTHLY TECHNICAL TRADE PAPER OR MAGAZINE. MARION ROBERTS DRAKE, Washington, D. C.
Filed June 15, 1936. Serial No. 379,987. PUBLISHED SEPTEMBER 15, 1936. Class 38.

341,128. CARTOON ILLUSTRATION IN NEWSPAPERS AND MAGAZINES. EDWARD EARLE DUFFY, Chicago, Ill.
Filed December 16, 1935. Serial No. 372,660. PUBLISHED SEPTEMBER 15, 1936. Class 38.

341,129. DIESEL OIL ENGINES. F. E. DURST, doing business as The St. Marys Oil Engine Company, St. Charles, Mo.
Filed June 26, 1936. Serial No. 380,264. PUBLISHED SEPTEMBER 22, 1936. Class 23.

341,130. PERIODICAL MAGAZINES. EASTMAN KODAK COMPANY, Rochester, N. Y., assignor to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey.
Filed July 3, 1936. Serial No. 380,557. PUBLISHED SEPTEMBER 22, 1936. Class 38.

341,131. HATS FOR WOMEN AND GIRLS. THE ELDER AND JOHNSTON COMPANY, Dayton, Ohio.
Filed May 22, 1936. Serial No. 378,743. PUBLISHED SEPTEMBER 22, 1936. Class 39.

341,132. ANTI-FREEZE PREPARATION. EMPIRE OIL & REFINING COMPANY, Bartlesville, Okla.
Filed July 17, 1936. Serial No. 381,125. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,133. VACCINE FOR INTRADERMAL INJECTION FOR THE TREATMENT OF RINGWORM OF THE SKIN, SCALP, HAIR, NAILS, AND MYCOTIC ALLERGIDS PRODUCED BY CERTAIN PARASITIC FUNGI. ERNST BISCHOFF COMPANY, INCORPORATED, New York, N. Y.
Filed July 3, 1936. Serial No. 380,544. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,134. LUBRICATING OILS. THE EXTREME PRESSURE OIL CORPORATION, Indianapolis, Ind.
Filed June 18, 1936. Serial No. 379,887. PUBLISHED SEPTEMBER 15, 1936. Class 15.

341,135. REFRIGERATORS FOR THE PRESERVATION OF FOODSTUFFS. FAIRBANKS, MORSE & CO., Chicago, Ill.
Filed June 29, 1936. Serial No. 380,395. PUBLISHED SEPTEMBER 22, 1936. Class 31.

341,136. REDUCING TABLETS. FEDERAL RESEARCH CORPORATION, Flushing, N. Y.
Filed July 15, 1936. Serial No. 381,028. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,137. MEN'S, WOMEN'S, AND CHILDREN'S BERETS. FEZ AMERICA, INC., New York, N. Y.
Filed July 9, 1936. Serial No. 380,830. PUBLISHED SEPTEMBER 22, 1936. Class 39.

341,138. FRESH VEGETABLES AND MELONS. HOWARD P. FITES, Yuma, Ariz.
Filed March 31, 1936. Serial No. 376,630. PUBLISHED SEPTEMBER 22, 1936. Class 46.

341,139. WINES. LUIS CABALLERO FLORIDO, Cadiz, Spain.
Filed May 5, 1936. Serial No. 378,043. PUBLISHED SEPTEMBER 22, 1936. Class 47.

341,140. COSMETIC LIQUID PREPARATION FOR THE TREATMENT OF THE SKIN. ERNESTINE FOWLER, doing business as Betty Wells Cosmetic Co., San Francisco, Calif.
Filed July 8, 1936. Serial No. 380,762. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,141. WOMEN'S AND MISSES' SHOES MADE OF LEATHER, RUBBER, FABRIC, OR COMBINATIONS OF THESE MATERIALS. FRANK BROTHERS FOOTWEAR, INC., New York, N. Y.
Filed June 27, 1936. Serial No. 380,251. PUBLISHED SEPTEMBER 22, 1936. Class 39.

341,142. RODENT ERADICATOR, INSECTICIDES, AND DISINFECTANTS. JOSEPH R. FRANKLIN, doing business as Hammond Exterminating Company, Hammond, Ind.
Filed June 22, 1936. Serial No. 380,049. PUBLISHED SEPTEMBER 22, 19336. Class 6.

341,143. RAYON CORD KNOWN AS GIMP. RUSSELL FRASER WIRE COMPANY, Maspeth, N. Y.
Filed June 22, 1936. Serial No. 380,078. PUBLISHED SEPTEMBER 1, 1936. Class 40.

341,144. NATURAL AND SYNTHETIC ESSENTIAL OILS SUITABLE FOR PERFUMING PURPOSES. FRITZSCHE BROTHERS, INC., New York, N. Y.
Filed May 29, 1936. Serial No. 379,046. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,145. MACHINES FOR THE PREVENTION OF ROBBERY—NAMELY, AUTOMATIC, MECHANICALLY OPERATED SHIELDS FOR TELLERS' WINDOWS. CHARLES E. FYFE, Cedarhurst, N. Y.
Filed February 4, 1936. Serial No. 374,462. PUBLISHED SEPTEMBER 22, 1936. Class 23.

341,146. PIECE GOODS OF WOOL, COTTON, AND SILK. G. & M. TEXTILE CO., INC., New York, N. Y.
Filed July 23, 1936. Serial No. 381,357. PUBLISHED SEPTEMBER 22, 1936. Class 42.

341,147. COTTON AND RAYON PIECE GOODS. JOSEPH P. GAUGLER, doing business as The Flatelle Company, New York, N. Y.
Filed August 1, 1936. Serial No. 381,715. PUBLISHED SEPTEMBER 22, 1936. Class 42.

341,148. PRINTED BOOKS OR MAGAZINES ISSUED IN CONTINUING SERIES. GENERAL CIGAR CO., INC., New York, N. Y.
Filed June 24, 1936. Serial No. 380,144. PUBLISHED SEPTEMBER 22, 1936. Class 38.

341,149. DEPILATORY. GENERAL COSMETICS CORPORATION, Portsmouth, Ohio.
Filed June 26, 1936. Serial No. 380,376. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,150. WOMEN'S AND CHILDREN'S GALOSHES AND RUBBER OVERSHOES. GIMBEL BROTHERS, INC., New York, N. Y.
Filed June 24, 1936. Serial No. 380,146. PUBLISHED SEPTEMBER 22, 1936. Class 39.

341,151. PIECE GOODS OF COTTON, WOOL, RAYON, SILK, AND/OR MIXTURES THEREOF. GLOBE KNITTING WORKS, Grand Rapids, Mich.
Filed August 1, 1936. Serial No. 381,717. PUBLISHED SEPTEMBER 22, 1936. Class 42.

341,152. RUM. JOSE GONZALEZ CLEMENTE & CIA, Mayaguez, P. R.
Filed June 19, 1936. Serial No. 379,973. PUBLISHED SEPTEMBER 15, 1936. Class 49.

341,153. RUM. JOSE GONZALEZ CLEMENTE & CO., Mayaguez, P. R.
Filed July 16, 1936. Serial No. 381,075. PUBLISHED SEPTEMBER 15, 1936. Class 49.

341,154. RUM. JOSE GONZALEZ CLEMENTE & CO., Mayaguez, P. R.
Filed July 16, 1936. Serial No. 381,076. PUBLISHED SEPTEMBER 15, 1936. Class 49.

341,155. PIECE GOODS MADE FROM COMBINATIONS OF MOHAIR, COTTON, WOOL, ALPACA, CAMEL HAIR, SILK, AND ARTIFICIAL SILK; ALSO WOOLEN, COTTON, MOHAIR, AND PLUSH PIECE GOODS. GOODALL WORSTED CO., Sanford, Maine.
Filed July 30, 1936. Serial No. 381,614. PUBLISHED SEPTEMBER 22, 1936. Class 42.

341,156. GIN. GORDON'S DRY GIN COMPANY LIMITED, Linden, N. J.
Filed August 18, 1936. Serial No. 382,308. PUBLISHED SEPTEMBER 22, 1936. Class 49.

341,157. SHOULDER STRAPS AND DRESS SHIELDS. W. T. GRANT COMPANY, New York, N. Y.
Filed June 24, 1936. Serial No. 380,148. PUBLISHED SEPTEMBER 1, 1936. Class 40.

341,158. CAKES, COOKIES, AND PIES. GRENNAN BAKERIES, INC., Chicago, Ill.
Filed July 3, 1936. Serial No. 380,563. PUBLISHED SEPTEMBER 22, 1936. Class 46.

341,159. CAKES. GRENNAN BAKERIES, INC., Chicago, Ill.
Filed July 3, 1936. Serial No. 380,564. PUBLISHED SEPTEMBER 22, 1936. Class 46.

341,160. PIES. GRENNAN BAKERIES, INC., Chicago, Ill.
Filed July 3, 1936. Serial No. 380,565. PUBLISHED SEPTEMBER 22, 1936. Class 46.

341,161. CANDELABRA, CANDLE STANDS AND HOLDERS, BOVE BURNERS FOR CANDLES, CANDLE LIGHTERS AND EXTINGUISHERS, VOTIVE AND TABERNACLE LIGHT WICKS, HOLDERS, AND GLASSES. A. GROSS CANDLE COMPANY, INC., Baltimore, Md.
Filed May 6, 1936. Serial No. 378,073. PUBLISHED SEPTEMBER 22, 1936. Class 34.

341,162. CARDS, PARTICULARLY STORY AND PICTURE CARDS. GUM, INC., Philadelphia, Pa.
Filed June 13, 1936. Serial No. 379,704. PUBLISHED SEPTEMBER 22, 1936. Class 38.

341,163. MACHINE FOR MIXING SOAP AND WATER INTO SUDS. RUDOLPH GUTH, INCORPORATED, Cleveland, Ohio.
Filed June 27, 1936. Serial No. 380,349. PUBLISHED SEPTEMBER 22, 1936. Class 23.

341,164. CATHARTIC COMPOUND. EDGAR C. GUTHARD, doing business as Bon-A-Jel Co., Chicago, Ill.
Filed May 23, 1936. Serial No. 378,784. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,165. ELECTRIC BLASTING CAPS. HERCULES POWDER COMPANY, Wilmington, Del.
Filed August 15, 1936. Serial No. 382,215. PUBLISHED SEPTEMBER 22, 1936. Class 9.

341,166. THREAD AND YARN. ABRAHAM HIRSH INC., New York, N. Y.
Filed July 22, 1936. Serial No. 381,311. PUBLISHED SEPTEMBER 22, 1936. Class 43.

341,167. HERB PREPARATION IN TEA, POWDERED, TABLET, AND LIQUID FORM FOR MEDICINAL PURPOSES, FOR THE TREATMENT OF RHEUMATISM, DIABETES, KIDNEY, BLADDER, AND STOMACH DISORDERS. ALFRED A. HOFMANN, doing business as Dia-San Laboratories, Fort Wayne, Ind.
Filed July 6, 1936. Serial No. 380,637. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,168. STOKERS. HOLLAND FURNACE COMPANY, Holland, Mich.
Filed June 8, 1936. Serial No. 379,429. PUBLISHED SEPTEMBER 22, 1936 Class 34.

341,169 ELECTRIC SUCTION CLEANERS AND PARTS THEREOF. THE HOOVER COMPANY, North Canton, Ohio.
Filed July 25, 1936. Serial No. 381,511. PUBLISHED SEPTEMBER 22, 1936. Class 21.

341,170. SKIN LOTION. FERDINAND T. HOPKINS, doing business as Ferd. T. Hopkins & Son, New York, N. Y.
Filed January 14, 1936. Serial No. 373,639. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,171. FURNITURE POLISHES AND HYDROCARBON SOLVENTS FOR PAINT AND LACQUER. HUMBLE OIL & REFINING COMPANY, Houston, Tex.
Filed June 1, 1936. Serial No. 379,096. PUBLISHED SEPTEMBER 22, 1936. Class 16.

341,172. REFINED, SEMIREFINED, AND UNREFINED OILS MADE FROM PETROLEUM, BOTH WITH AND WITHOUT ADMIXTURE OF ANIMAL, VEGETABLE, OR MINERAL OILS, FOR ILLUMINATING, BURNING, POWER, FUEL, AND LUBRICATING PURPOSES. HUMBLE OIL & REFINING COMPANY, Houston, Tex.
Filed June 12, 1936. Serial No. 379,615. PUBLISHED SEPTEMBER 15, 1936. Class 15.

341,173. PLAY HARNESS FOR USE BY CHILDREN IN "PLAYING HORSE" AND FOR SIMILAR GAMES. LIDA HUMPHREYS, Butte, Mont.
Filed July 18, 1936. Serial No. 381,163. PUBLISHED SEPTEMBER 22, 1936. Class 22.

341,174. AUTOMATIC COAL STOKERS. ILLINOIS IRON & BOLT CO., Carpentersville, Ill.
Filed June 27, 1936. Serial No. 380,353. PUBLISHED SEPTEMBER 22, 1936. Class 34.

341,175. OIL BURNERS. INDEPENDENT OIL CO., Washington, D. C., and Rosslyn, Va.
Filed March, 30, 1936. Serial No. 376,585. PUBLISHED SEPTEMBER 22, 1936. Class 34.

341,176. PRINTING INKS. THE INTERNATIONAL PRINTING INK CORPORATION, New York, N. Y.
Filed July 30, 1936. Serial No. 381,622. PUBLISHED SEPTEMBER 22, 1936. Class 11.

341,177. PROPHYLACTIC RUBBER ARTICLES USED TO PREVENT THE SPREAD OF CONTAGIOUS DISEASES. JOSEPH JACOBS, New York, N. Y.
Filed June 26, 1936. Serial No. 380,285. PUBLISHED SEPTEMBER 22, 1936. Class 44.

341,178. METAL AND METAL CASTINGS, SUCH AS CRUSHER HAMMERS AND PULVERIZER OR GRINDER HAMMERS. THE JEFFREY MANUFACTURING COMPANY, Columbus, Ohio.
Filed August 14, 1936. Serial No. 382,156. PUBLISHED SEPTEMBER 22, 1936. Class 14.

341,179. READY MIXED PAINTS. OLIVER JOHNSON & COMPANY, INCORPORATED, Providence, R. I.
Filed July 13, 1935. Serial No. 367,243. PUBLISHED AUGUST 11, 1936. Class 16.

341,180. FRESH GRAPES. VARTOOHI KASPARIAN, doing business as Diamond K Vineyards, Exeter, Calif.
Filed August 24, 1934. Serial No. 355,403. PUBLISHED SEPTEMBER 22, 1936. Class 46.

341,181. FRUIT PRESERVES, CANNED VEGETABLES, SOUPS, CHILI SAUCE AND TOMATO CATSUP, PICKLES, SALAD DRESSINGS, SANDWICH SPREADS, COFFEE, HAMS, FOOD FLAVORING EXTRACTS, HOMINY, SPAGHETTI, PREPARED MUSTARD, BACON, CANNED FISH, AND CANNED FRUITS. L. KLEIN, INC., Chicago, Ill.
Filed January 4, 1936. Serial No. 373,474. PUBLISHED SEPTEMBER 22, 1936. Class 46.

341,182. KINDLERS. THE KWIK KINDLER MANUFACTURING CORPORATION, New Haven, Conn.
Filed July 17, 1936. Serial No. 381,128. PUBLISHED SEPTEMBER 22, 1936. Class 1.

341,183. MEDICINAL PREPARATION FOR THE RELIEF OF ASTHMATIC COUGHS AND IRRITATIONS OF THE BRONCHIAL TUBES. L. AND W. CO., New York, N. Y.
Filed June 13, 1936. Serial No. 379,707. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,184. WOMEN'S UNDERGARMENTS—NAMELY, SLIPS, PAJAMAS, NIGHTGOWNS, CHEMISES, CORSETS, GIRDLES, AND PANTIES. SAMUEL LANDAU CORP., New York, N. Y.
Filed June 2, 1936. Serial No. 379,198. PUBLISHED SEPTEMBER 15, 1936. Class 39.

341,185. MEN'S AND BOYS' HATS AND CAPS AND LADIES' HATS. THE LA SALLE HAT COMPANY, Philadelphia, Pa.
Filed June 29, 1936. Serial No. 380,404. PUBLISHED SEPTEMBER 22, 1936. Class 39.

341,186. MEN'S AND BOYS' HATS AND CAPS AND LADIES' HATS. THE LA SALLE HAT COMPANY, Philadelphia, Pa.
Filed July 23, 1936. Serial No. 381,367. PUBLISHED SEPTEMBER 22, 1936. Class 39.

341,187. MEN'S AND BOYS' HATS AND CAPS AND LADIES' HATS. THE LA SALLE HAT COMPANY, Philadelphia, Pa.
Filed July 23, 1936. Serial No. 381,368. PUBLISHED SEPTEMBER 22, 1936. Class 39.

341,188. WHISKEY. PHILIP FORSYTH LATIMER, doing business as Scott Bruce & Company, Glasgow, Scotland.
Filed June 5, 1936. Serial No. 379,407. PUBLISHED SEPTEMBER 15, 1936. Class 49.

341,189. WHEAT FLOUR. THE LEWIS GROCER CO., Lexington, Indianola, and Durant, Miss.
Filed April 6, 1936. Serial No. 376,854. PUBLISHED SEPTEMBER 22, 1936. Class 46.

341,190. BRANDY. LONG ISLAND WINE & SPIRITS IMPORT CO., INC., Flushing, N. Y.
Filed June 12, 1936. Serial No. 379,620. PUBLISHED SEPTEMBER 22, 1936. Class 49.

341,191. CIGARETTE PAPER BOOKLETS. P. LORILLARD CO., New York, N. Y.
Filed August 20, 1935. Serial No. 368,481. PUBLISHED SEPTEMBER 22, 1936. Class 8.

341,192. CRUSHED HERBS FOR AN INTESTINAL LAXATIVE, STOMACHIC AND APPETIZER. JOSEPH LUNTZ, doing business as Joseph Luntz Company, Brooklyn, N. Y.
Filed July 2, 1936. Serial No. 380,519. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,193. CANDLE LAMPS. WILLIAM E. MACKELFRESH, JR., Chicago, Ill.
Filed May 5, 1936. Serial No. 378,049. PUBLISHED SEPTEMBER 22, 1936. Class 34.

341,194. ANNUAL TRADE PUBLICATION. MACNAIR-DORLAND COMPANY, New York, N. Y.
Filed July 2, 1936. Serial No. 380,520. PUBLISHED SEPTEMBER 15, 1936. Class 38.

341,195. TOOTH PASTE AND TOOTH POWDER. MAYO BROS. LABORATORIES, Los Angeles, Calif.
Filed October 28, 1935. Serial No. 370,886. PUBLISHED JANUARY 14, 1936. Class 6.

341,196. FRESH CITRUS FRUITS. MCALLEN CITRUS ASSN., McAllen, Tex.
Filed July 20, 1936. Serial No. 381,212. PUBLISHED SEPTEMBER 22, 1936. Class 46.

341,197. MINERAL WATER CRYSTALS. HERBERT S. MCEWEN, San Antonio, Tex.
Filed June 29, 1936. Serial No. 380,326. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,198. VITAMIN CONCENTRATE CAPSULES; MALT EXTRACT CONTAINING VITAMINS; DIGESTIVE STIMULANT AND FOR TREATMENT OF CONSTIPATION; LAXATIVE EMULSION; ETC. MCKESSON & ROBBINS, INCORPORATED, Fairfield, Conn.
Filed December 30, 1935. Serial No. 373,181. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,199. CARBON PAPER AND TYPEWRITER RIBBONS. THE MILLER-BRYANT-PIERCE COMPANY, Aurora, Ill.
Filed July 31, 1936. Serial No. 381,682. PUBLISHED SEPTEMBER 22, 1936. Class 11.

341,200. REFINED, SEMIREFINED, AND UNREFINED OIL MADE FROM PETROLEUM, BOTH WITH AND WITHOUT ADMIXTURE OF ANIMAL, VEGETABLE, OR MINERAL SUBSTANCE, FOR ILLUMINATING, BURNING, POWER, FUEL, AND LUBRICATING PURPOSES, AND LUBRICATING GREASES. MOTOW TRADING CO. INC., New York, N. Y.
Filed May 26, 1936. Serial No. 378,896. PUBLISHED SEPTEMBER 15, 1936. Class 15.

341,201. PREPARATIONS FOR USE IN TREATMENT OF ALL KINDS OF COUGHS, OF WHOOPING COUGH, AND OF OTHER AFFECTIONS OF THE RESPIRATORY ORGANS. TH. MÜHLETHALER S. A., Nyon, Switzerland.
Filed January 10, 1936. Serial No. 373,535. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,202. TRAILERS. MULLINS MANUFACTURING CORPORATION, Salem, Ohio.
Filed July 3, 1936. Serial No. 380,582. PUBLISHED SEPTEMBER 22, 1936. Class 19.

341,203. COUGH DROPS. MUL-TEE PRODUCTS CO., South Bend, Ind.
Filed July 29, 1936. Serial No. 381,571. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,204. INHALANT TO BE USED TO RELIEVE CONGESTION OF THE NASAL PASSAGES. NASHVILLE SURGICAL SUPPLY CO. AND LESLIE MITCHELL, Nashville, Tenn.
Filed July 27, 1936. Serial No. 381,493. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,205. IODINE TABLET FOR INTERNAL USE, ALSO LIQUID AND OTHER IODINE FORMS. NATIONAL BIO-CHEMICAL CO., Los Angeles, Calif.
Filed July 20, 1936. Serial No. 381,215. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,206. SHOE POLISHES, SHOE DRESSINGS, SHOE CREAMS, AND SHOE CLEANING COMPOUNDS. NATUREL MANUFACTURING CO., Brooklyn, N. Y.
Filed October 17, 1935. Serial No. 370,536. PUBLISHED SEPTEMBER 22, 1936. Class 4.

341,207. BOILERS, FURNACES, COAL STOKERS, AND OIL BURNERS. THE HERMAN NELSON CORPORATION, Moline, Ill.
Filed May 25, 1936. Serial No. 378,849. PUBLISHED SEPTEMBER 22, 1936. Class 34.

341,208. DYED FUR-SKINS AND FUR-PLATES. NEWMAN & FENIGER, New York, N. Y.
Filed June 27, 1936. Serial No. 380,359. PUBLISHED SEPTEMBER 22, 1936. Class 1.

341,209. INSECTICIDE. NORTHFIELD SPECIALTY CO., INC., Northfield, N. J.
Filed June 17, 1936. Serial No. 379,849. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,210. CANNED VEGETABLES. NORTHERN STATES CANNERIES, INC., Portland, Maine.
Filed July 2, 1936. Serial No. 380,524. PUBLISHED SEPTEMBER 22, 1936. Class 46.

341,211. FLAVORING EXTRACT FOR FOOD PURPOSES. NORTHVILLE LABORATORIES, INCORPORATED, Northville, Mich.
Filed May 16, 1935. Serial No. 365,000. PUBLISHED SEPTEMBER 15, 1936. Class 46.

341,212. PREPARATION USED FOR THE TREATMENT OF NOSE, THROAT, AND CHEST COLDS. N. T. C. COLD REMEDY COMPANY, Baltimore, Md.
Filed July 3, 1936. Serial No. 380,585. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,213. WHISKEY, GIN, RUM, BRANDY, AND ALCOHOLIC CORDIALS. NUSSBAUM LIQUOR STORE, INC., New York, N. Y.
Filed August 13, 1936. Serial No. 382,132. PUBLISHED SEPTEMBER 22, 1936. Class 49.

341,214. WHISKEY, GIN, RUM, BRANDY, AND ALCOHOLIC CORDIALS. NUSSBAUM LIQUOR STORE, INC., New York, N. Y.
Filed August 13, 1936. Serial No. 382,134. PUBLISHED SEPTEMBER 22, 1936. Class 49.

341,215. RUGS AND CARPETS. NYE-WAIT COMPANY, INC., Auburn, N. Y.
Filed July 30, 1936. Serial No. 381,629. PUBLISHED SEPTEMBER 22, 1936. Class 42.

341,216. RUGS AND CARPETS. NYE-WAIT COMPANY, INC., Auburn, N. Y.
Filed July 30, 1936. Serial No. 381,630. PUBLISHED SEPTEMBER 22, 1936. Class 42.

341,217. RUGS AND CARPETS. NYE-WAIT COMPANY, INC., Auburn, N. Y.
Filed July 30, 1936. Serial No. 381,631. PUBLISHED SEPTEMBER 22, 1936. Class 42.

341,218. RUGS AND CARPETS. NYE-WAIT COMPANY, INC., Auburn, N. Y.
Filed July 30, 1936. Serial No. 381,635. PUBLISHED SEPTEMBER 22, 1936. Class 42.

341,219. RUGS AND CARPETS. NYE-WAIT COMPANY, INC., Auburn, N. Y.
Filed July 30, 1936. Serial No. 381,636. PUBLISHED SEPTEMBER 22, 1936. Class 42.

341,220. GIN. OLDETYME DISTILLERS, INC., New York, N. Y.
Filed August 14, 1936. Serial No. 382,165. PUBLISHED SEPTEMBER 22, 1936. Class 49.

341,221. WHISKEY. PACIFIC WINE & SPIRITS CO., San Francisco, Calif.
Filed July 8, 1936. Serial No. 380,789. PUBLISHED SEPTEMBER 22, 1936. Class 49.

341,222. LUBRICATING OILS. PAN AMERICAN PETROLEUM CORPORATION, Wilmington, Del.
Filed June 8, 1935. Serial No. 366,047. PUBLISHED SEPTEMBER 8, 1936. Class 15.

341,223. PERFUMES, FACE POWDERS, CREAMS, LOTIONS, AND COLORING MATTERS USED TO TINT THE FACE. JACINTO MARTINEZ PANDO, Mexico, D. F., Mexico.
Filed July 14, 1936. Serial No. 381,003. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,224. GREETING CARDS AND VALENTINES. PAPER NOVELTY MANUFACTURING COMPANY, New York, N. Y.
Filed July 11, 1936. Serial No. 380,921. PUBLISHED SEPTEMBER 15, 1936. Class 38.

341,225. BLUING, LAUNDRY STARCH, ALKALIS, BLEACHES, DYES, SIZES FOR TEXTILE FABRICS, PREPARATIONS USED TO NEUTRALIZE ALKALINITY OF WASHED GOODS, PREPARATIONS USED TO SOUR WASHED GOODS. PATEK & Co., San Francisco, Calif.
Filed June 12, 1936. Serial No. 379,635. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,226. LEATHER. PEARCE & FRIEDMAN, INC., New York, N. Y.
Filed July 18, 1936. Serial No. 381,171. PUBLISHED SEPTEMBER 22, 1936. Class 1.

341,227. SOLE LEATHER. PERLSTEIN BROTHERS, New York, N. Y.
Filed May 21, 1936. Serial No. 378,707. PUBLISHED SEPTEMBER 22, 1936. Class 1.

341,228. PROPHYLACTIC ARTICLES OF RUBBER AND OTHER MATERIALS FOR PREVENTING CONTAGIOUS DISEASE. LAWRENCE J. PERROTTA, doing business as Per-Zadi Products Company, New York, N. Y.
Filed March 3, 1936. Serial No. 375,520. PUBLISHED SEPTEMBER 22, 1936. Class 44.

341,229. JARS, JUGS, BOWLS, VASES, AND FLOWER POTS, MADE OF COARSE STONEWARE. THE PFALTZGRAFF POTTERY COMPANY, York, Pa.
Filed May 5, 1936. Serial No. 378,052. PUBLISHED SEPTEMBER 22, 1936. Class 30.

341,230. NEWSPAPER COLUMN. THE POST PRINTING AND PUBLISHING COMPANY, Denver, Colo.
Filed July 16, 1936. Serial No. 381,082. PUBLISHED SEPTEMBER 15, 1936. Class 38.

341,231. COOKING STOVES BURNING CHARCOAL, FUEL BRIQUETTES, WOOD, OR COAL. PRESTO-LITE BATTERY COMPANY, INC., Speedway, Ind.
Filed June 1, 1936. Serial No. 379,139. PUBLISHED SEPTEMBER 22, 1936. Class 34.

341,232. TOOTH BRUSHES. PRO-PHY-LAC-TIC BRUSH COMPANY, Northampton, Mass.
Filed August 15, 1936. Serial No. 382,235. PUBLISHED SEPTEMBER 22, 1936. Class 29.

341,233. TOOTH BRUSHES. PRO-PHY-LAC-TIC BRUSH COMPANY, Northampton, Mass.
Filed August 15, 1936. Serial No. 382,237. PUBLISHED SEPTEMBER 22, 1936. Class 29.

341,234. PERIODICAL PUBLICATION. H. J. PRUSSING, Jr., doing business as Fashion Previews, Chicago, Ill.
Filed April 17, 1936. Serial No. 377,321. PUBLISHED SEPTEMBER 15, 1936. Class 38.

341,235. MEDICINAL PREPARATION FOR THE EXTERNAL TREATMENT OF BURNS, SCALDS, VARICOSE ULCERS, CARBUNCLES, ERYSIPELAS, ECZEMAS, ABSCESSES, RECROSSED BONES, FISTULA, AND CHRONIC SUPERLATIVE CONDITIONS IN GENERAL. JOSEPH M. PURCELL, doing business as The Ellsworth Chemical Company, Mechanicville, N. Y.
Filed July 6, 1936. Serial No. 380,663. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,236. WOOLEN AND WORSTED PIECE GOODS, OF SYNTHETIC, WOOLEN, WORSTED, MOHAIR, SILK, AND CASHMERE YARNS, AND/OR COMBINATIONS THEREOF. JAMES H. PURDY, West Conshohocken, Pa.
Filed July 16, 1936. Serial No. 381,083. PUBLISHED SEPTEMBER 22, 1936. Class 42.

341,237. NEWSPAPERS, MAGAZINES, AND PERIODICALS PUBLISHED MONTHLY. THE PURE OIL COMPANY, Chicago, Ill.
Filed June 26, 1936. Serial No. 380,305. PUBLISHED SEPTEMBER 22, 1936. Class 38.

341,238. OIL BURNERS. RAY OIL BURNER CO., San Francisco, Calif.
Filed July 6, 1936. Serial No. 380,665. PUBLISHED SEPTEMBER 22, 1936. Class 34.

341,239. FRESH VEGETABLES AND MELONS AND FRESH CITRUS FRUIT. RECKER BROS. CO., Phoenix, Ariz.
Filed July 7, 1936. Serial No. 380,715. PUBLISHED SEPTEMBER 22, 1936. Class 46.

341,240. HOPS. RICHARDSON & RICHARDSON, San Francisco, Calif.
Filed May 27, 1936. Serial No. 378,949. PUBLISHED SEPTEMBER 22, 1936. Class 1.

341,241. WHISKEY. CHAS. L. RICHARDSON & CO., INC., Boston, Mass.
Filed June 5, 1936. Serial No. 379,354. PUBLISHED SEPTEMBER 15, 1936. Class 49.

341,242. PAPER—NAMELY, HEAVY TAG STOCK. RIEGEL PAPER CORPORATION, Riegelsville, N. J., and New York, N. Y.
Filed July 24, 1936. Serial No. 381,424. PUBLISHED SEPTEMBER 22, 1936. Class 37.

341,243. NON-ALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND NATURAL WATER. RISEDORPH BOTTLING COMPANY, INC., Kinderhook, N. Y.
Filed August 17, 1935. Serial No. 368,430. PUBLISHED SEPTEMBER 22, 1936. Class 45.

341,244. GAS, ELECTRIC, AND OIL SPACE HEATERS, AND GAS RANGES. SAMUEL STAMPING & ENAMELING COMPANY, Chattanooga, Tenn.
Filed May 21, 1936. Serial No. 378,713. PUBLISHED SEPTEMBER 22, 1936. Class 34.

341,245. PHARMACEUTICAL PREPARATION FOR USE IN OBSTETRICS AND GYNECOLOGY AND OTHER CONDITIONS AMENABLE TO ERGOT THERAPY. SANDOZ CHEMICAL WORKS, INC., New York, N. Y.
Filed July 22, 1936. Serial No. 381,324. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,246. CRYSTALLINE MALE SEX HORMONE, ALSO KNOWN UNDER THE CHEMICAL NAME OF BENZOIC ACID ESTER OF DIHYDROANDROSTERONE, RECOMMENDED AS A MEDICINAL PREPARATION FOR THE TREATMENT OF DISORDERS OF THE MALE SEX GLANDS. SCHERING CORPORATION, Bloomfield, N. J.
Filed July 27, 1936. Serial No. 381,499. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,247. CRYSTALLINE BENZOIC ACID ESTER OF DIHYDRO FOLLICULAR HORMONE, ALSO KNOWN UNDER THE CHEMICAL NAME OF BENZOIC ACID ESTER OF DIHYDROXYESTRIN, RECOMMENDED AS A MEDICINAL PREPARATION TO BE USED IN DISORDERS OF THE FEMALE SEX GLANDS, PARTICULARLY FOR THE TREATMENT OF DEFICIENCIES OF FEMALE FOLLICULAR SEX HORMONE. SCHERING CORPORATION, Bloomfield, N. J.
Filed July 27, 1936. Serial No. 381,500. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,248. TWINE, ROPE, STRING, AND CORDAGE. SCHERMERHORN BROS. CO., Chicago, Ill.
Filed July 16, 1936. Serial No. 381,085. PUBLISHED SEPTEMBER 1, 1936. Class 7.

341,249. SERVICE STATION EQUIPMENT—NAMELY, HAND OPERATED VALVE CONTROLLED NOZZLES. SCOVILL MANUFACTURING COMPANY, Waterbury, Conn.
Filed July 9, 1936. Serial No. 380,848. PUBLISHED SEPTEMBER 22, 1936. Class 13.

341,250. HAIR TONIC. R. B. SEMLER, INC., New York, N. Y.
Filed May 29, 1936. Serial No. 379,059. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,251. ASTRINGENTS, ASTRINGENT CERATES, BLEACH CREAMS, BEAUTY CREAMS, COLD CREAMS, ETC. JEAN SENEGAS, doing business as Jean's Products, New York, N. Y.
Filed July 15, 1936. Serial No. 381,051. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,252. TRADE SERVICE BOOKS AND BOOKLETS PUBLISHED FROM TIME TO TIME AT REGULAR AND/OR IRREGULAR INTERVALS. STEPHEN SETH & COMPANY, INCORPORATED, Baltimore, Md.
Filed June 10, 1936. Serial No. 379,535. PUBLISHED SEPTEMBER 15, 1936. Class 38.

341,253. TRAVELING BAGS. SHWAYDER BROTHERS, INC., Denver, Colo.
Filed July 18, 1936. Serial No. 381,173. PUBLISHED SEPTEMBER 22, 1936. Class 3.

341,254. MEDICINAL PREPARATION MORE PARTICULARLY FOR THE STIMULATION OF THE NERVOUS SYSTEM AND OTHER THERAPEUTIC CONDITIONS. SMITH, KLINE & FRENCH LABORATORIES, Philadelphia, Pa.
Filed June 6, 1936. Serial No. 379,404. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,255. CANNED OLIVES. V. R. SMITH, doing business as V. R. Smith Olive Co., Lindsay, Calif.
Filed May 18, 1936. Serial No. 378,593. PUBLISHED SEPTEMBER 22, 1936. Class 46.

341,256. FISHING TACKLE—NAMELY, FISHING RODS, FISHING REELS, FISHING LINES, FISH LURES AND BAITS, AND LEADERS. SOUTH BEND BAIT COMPANY, South Bend, Ind.
Filed July 29, 1936. Serial No. 381,585. PUBLISHED SEPTEMBER 22, 1936. Class 22.

341,257. PEN NIBS. THE SPENCERIAN PEN COMPANY, New York, N. Y.
Filed July 21, 1936. Serial No. 381,289. PUBLISHED SEPTEMBER 22, 1936. Class 37.

341,258. ANTIANEMIC PREPARATIONS. E. R. SQUIBB & SONS, New York, N. Y.
Filed July 24, 1936. Serial No. 381,430. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,259. HYDROCARBON DERIVATIVE SOLVENTS FOR USE IN THE MANUFACTURE OF CHEMICAL COMPOUNDS AND MIXTURES. STANDARD ALCOHOL COMPANY, Wilmington, Del.
Filed June 25, 1936. Serial No. 380,230. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,260. HYDROCARBON DERIVATIVE SOLVENTS FOR USE IN THE MANUFACTURE OF CHEMICAL COMPOUNDS AND MIXTURES. STANDARD ALCOHOL COMPANY, Wilmington, Del.
Filed June 25, 1936. Serial No. 380,231. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,261. HYDROCARBON DERIVATIVE SOLVENTS FOR USE IN THE MANUFACTURE OF CHEMICAL COMPOUNDS AND MIXTURES. STANDARD ALCOHOL COMPANY, Wilmington, Del.
Filed June 25, 1936. Serial No. 380,232. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,262. HYDROCARBON DERIVATIVE SOLVENTS FOR USE IN THE MANUFACTURE OF CHEMICAL COMPOUNDS AND MIXTURES. STANDARD ALCOHOL COMPANY, Wilmington, Del.
Filed June 25, 1936. Serial No. 380,233. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,263. HYDROCARBON DERIVATIVE SOLVENTS FOR USE IN THE MANUFACTURE OF CHEMICAL COMPOUNDS AND MIXTURES. STANDARD ALCOHOL COMPANY, Wilmington, Del.
Filed June 25, 1936. Serial No. 380,234. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,264. HYDROCARBON DERIVATIVE SOLVENTS FOR USE IN THE MANUFACTURE OF CHEMICAL COMPOUNDS AND MIXTURES. STANDARD ALCOHOL COMPANY, Wilmington, Del.
Filed June 25, 1936. Serial No. 380,235. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,265. HYDROCARBON DERIVATIVE SOLVENTS FOR USE IN THE MANUFACTURE OF CHEMICAL COMPOUNDS AND MIXTURES. STANDARD ALCOHOL COMPANY, Wilmington, Del.
Filed June 25, 1936. Serial No. 380,236. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,266. HYDROCARBON DERIVATIVE SOLVENTS FOR USE IN THE MANUFACTURE OF CHEMICAL COMPOUNDS AND MIXTURES. STANDARD ALCOHOL COMPANY, Wilmington, Del.
Filed June 25, 1936. Serial No. 380,237. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,267. BAKING POWDER. STANDARD BRANDS INCORPORATED, New York, N. Y.
Filed June 6, 1935. Serial No. 365,866. PUBLISHED MAY 26, 1936. Class 46.

341,268. PUBLICATIONS INCLUDING SUBJECT MATTER APPERTAINING TO THE USE OF THE COMPANY'S PRODUCTS AND TO ASSIST USERS TO MOST EFFICIENT OPERATION AND TO SUGGEST NEW IDEAS. STANDARD MAILING MACHINES COMPANY, Everett, Mass.
Filed July 9, 1936. Serial No. 380,851. PUBLISHED SEPTEMBER 22, 1936. Class 38.

341,269. SECTION OF A NEWSPAPER. THE STATE FARMER, INC., Asheville, N. C.
Filed June 13, 1936. Serial No. 379,715. PUBLISHED SEPTEMBER 15, 1936. Class 38.

341,270. BRASSIÈRES, BRASSIÈRE SHIELDS, GIRDLES, PANTIE GIRDLES, AND FOUNDATION GARMENTS. A. STEIN & COMPANY, Chicago, Ill.
Filed June 19, 1936. Serial No. 379,978. PUBLISHED SEPTEMBER 22, 1936. Class 39.

341,271. FURNITURE POLISH. SURPRISE POLISH CO., New York, N. Y.
Filed July 24, 1936. Serial No. 381,432. PUBLISHED SEPTEMBER 22, 1936. Class 16.

341,272. WATER SOFTENER AND SOAP SAVER USED FOR CLEANSING PURPOSES. SWIFT AND COMPANY, Chicago, Ill.
Filed June 1, 1936. Serial No. 379,156. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,273. TOILET SEATS. SYNWOOD PRODUCTS INC., New York, N. Y.
Filed July 2, 1936. Serial No. 380,536. PUBLISHED SEPTEMBER 22, 1936. Class 13.

341,274. INSECTICIDES, FUNGICIDES, AND HOUSEHOLD DISINFECTANTS. TAYLOR CHEMICAL CO., INC., Aberdeen, N. C.
Filed July 18, 1935. Serial No. 367,451. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,275. MOLDING COMPOSITION COMPRISING CELLULOSE ACETATE AND SUITABLE PLASTICIZERS AND, IN SOME CASES, PIGMENTS, AND BEING IN THE FORM OF SLABS, SHEETS, GRANULES, OR POWDER. TENNESSEE EASTMAN CORPORATION, Kingsport, Tenn.
Filed July 23, 1936. Serial No. 381,386. PUBLISHED SEPTEMBER 22, 1936. Class 1.

341,276. SOAPS FOR USE IN THE TEXTILE INDUSTRIES, FOR LAUNDRY PURPOSES, AND FOR GENERAL CLEANING. HARRY J. THEOBALD, doing business as Industrial Soap Works, Kearny, N. J.
Filed June 23, 1936. Serial No. 380,129. PUBLISHED SEPTEMBER 22, 1936. Class 4.

341,277. VEGETABLE JUICES FOR FOOD PURPOSES, CATSUP, RICE, TEA, CANDY, ALIMENTARY PASTE PRODUCTS, TOMATO PASTE, CHEESE, PEANUTS, OLIVE OIL, ETC. STUART C. THOMPKINS, doing business as Stuart C. Thompkins & Co., San Francisco, Calif.
Filed July 6, 1936. Serial No. 380,681. PUBLISHED SEPTEMBER 22, 1936. Class 46.

341,278. PREPARATIONS FOR TREATING THE HAIR AND SKIN—NAMELY, POMADE, SCALP OIL, DANDRUFF CREAM, BRILLIANTINE, ETC. SUSIE MABEL THORNTON, doing business as Madam Susie Mabel Thornton, Philadelphia, Pa.
Filed May 20, 1936. Serial No. 378,683. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,279. KNITTED BAGS FOR STORING OR WRAPPING SHOES. TREINIS BROTHERS, INC., Brooklyn, N. Y.
Filed July 28, 1936. Serial No. 381,539. PUBLISHED SEPTEMBER 22, 1936. Class 2.

341,280. NONELECTRICAL HAIR CURLERS. PAUL TRESENBERG, doing business as Aurora Electric Co., New York, N. Y.
Filed February 5, 1936. Serial No. 374,538. PUBLISHED SEPTEMBER 8, 1936. Class 40.

341,281. ART NEEDLEWORK PACKAGE OUTFITS. BERNHARD ULMANN CO. INC., New York, N. Y.
Filed June 13, 1936. Serial No. 379,665. PUBLISHED SEPTEMBER 1, 1936. Class 40.

341,282. HAND KNITTING NEEDLES. BERNHARD ULMANN CO. INC., New York, N. Y.
Filed June 15, 1936. Serial No. 379,731. PUBLISHED SEPTEMBER 8, 1936. Class 40.

341,283. SECTIONS OF PERIODICAL PUBLICATIONS. THE UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C.
Filed July 14, 1936. Serial No. 381,009. PUBLISHED SEPTEMBER 15, 1936. Class 38.

341,284. PHOTOGRAPHS. UNIVERSAL PRODUCING COMPANY, Fairfield, Iowa.
Filed June 10, 1936. Serial No. 379,538. PUBLISHED SEPTEMBER 15, 1936. Class 38.

341,285. ARMY DUCK CLOTH TREATED TO MAKE IT WATER-REPELLANT. UTICA DUXBAK CORPORATION, Utica, N. Y.
Filed July 11, 1936. Serial No. 380,933. PUBLISHED SEPTEMBER 22, 1936. Class 50.

341,286. ASPIRIN AND MILK OF MAGNESIA TABLETS. VADSCO SALES CORPORATION, Long Island City, N. Y.
Filed July 28, 1936. Serial No. 381,540. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,287. METAL PRIMER. VALENTINE & COMPANY, New York, N. Y.
Filed July 21, 1936. Serial No. 381,298. PUBLISHED SEPTEMBER 22, 1936. Class 16.

341,288. CANNED VEGETABLES AND CATSUP. VAN CAMP'S, INC., Indianapolis, Ind.
Filed June 22, 1936. Serial No. 380,091. PUBLISHED SEPTEMBER 22, 1936. Class 46.

341,289. ABSORPTIVE BASE USED AS A RAW MATERIAL IN THE MANUFACTURE OF COSMETICS AND DRUGS. VAN DYK & COMPANY, Jersey City, N. J.
Filed July 22, 1936. Serial No. 381,330. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,290. PREPARATION FOR THE TREATMENT OF TINEA OR ATHLETE'S FOOT AND SORE, TIRED FEET. VEL-FEET CO., Philadelphia, Pa.
Filed June 29, 1936. Serial No. 380,416. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,291. CHILI POWDER USED FOR FLAVORING MEATS AND OTHER FOODS. THE VINNEDGE COMPANY, INC., Fort Worth, Tex.
Filed June 23, 1936. Serial No. 380,133. PUBLISHED SEPTEMBER 22, 1936. Class 46.

341,292. WOOD AND COAL STOVES, RANGES, AND CIRCULATORS. VOLUNTEER MANUFACTURING COMPANY, Nashville, Tenn.
Filed July 20, 1936. Serial No. 381,239. PUBLISHED SEPTEMBER 22, 1936. Class 34.

341,293. BOILERS. WATERFILM BOILERS, INC., Jersey City, N. J.
Filed May 4, 1936. Serial No. 378,023. PUBLISHED SEPTEMBER 22, 1936. Class 34.

341,294. HAND LUGGAGE AND TRUNKS. WHEARY TRUNK COMPANY, Racine, Wis.
Filed July 23, 1936. Serial No. 381,387. PUBLISHED SEPTEMBER 22, 1936. Class 3.

341,295. APPLE WINE. WIDMER'S WINE CELLARS, INC., Naples, N. Y.
Filed May 14, 1936. Serial No. 378,466. PUBLISHED SEPTEMBER 22, 1936. Class 47.

341,296. PREPARATION FOR SETTING AND DRYING WAVED HAIR. WILDROOT CO. INC., Buffalo, N. Y.
Filed June 23, 1936. Serial No. 380,134. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,297. CHEMICAL SOLVENT FOR THE REFRIGERANT IN AN ABSORPTION REFRIGERATING APPARATUS. WILLIAMS OIL-O-MATIC HEATING CORPORATION, Bloomington, Ill.
Filed July 18, 1936. Serial No. 381,183. PUBLISHED SEPTEMBER 22, 1936. Class 6.

341,298. WINES. WINE PACKING CORPORATION OF CALIFORNIA, Stockton, Calif.
Filed June 19, 1936. Serial No. 379,984. PUBLISHED SEPTEMBER 22, 1936. Class 47.

341,299. COSMETICS AND ESPECIALLY FOR COLD CREAM, FACE CREAMS, FACE POWDERS, ROUGE, AND LIP STICK. AR-EX COSMETICS, INC., Chicago, Ill.
Filed June 29, 1936. Serial No. 380,378. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,300. LADIES', MISSES', AND JUNIORS' DRESSES. KAY DUNHILL INCORPORATED, New York, N. Y., and Long Branch, N. J.
Filed July 15, 1936. Serial No. 381,034. PUBLISHED SEPTEMBER 22, 1936. Class 39.

341,301. GEAR CUTTING TOOLS AND BLADES THEREFOR. THE GLEASON WORKS, Rochester, N. Y.
Filed May 29, 1936, Serial No. 379,047. PUBLISHED SEPTEMBER 29, 1936. Class 23.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

341,302. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa. Filed Oct. 3, 1934. Serial No. 356,698.

FERNWOOD

For Whiskey, Gin, Rum, Brandy, and Alcoholic Cordials. Claims use since Sept. 7, 1934.

341,303. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa. Filed Oct. 3, 1934. Serial No. 356,700.

GARDEN CITY

For Whiskey, Gin, Rum, Brandy, and Alcoholic Cordials.
Claims use since Sept. 7, 1934.

341,304. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa. Filed Oct. 3, 1934. Serial No. 356,708.

PRIME

For Whiskey, Gin, Rum, Brandy, and Alcoholic Cordials.
Claims use since Sept. 7, 1934.

341,305. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) STANDARD MOTOR PRODUCTS, INC., Long Island City, N. Y. Filed Dec. 27, 1934. Serial No. 359,708.

MOTOR STANDARD PRODUCTS

For Electrical Apparatus, More Particularly Ignition Devices for Automobiles—Namely, Breaker Arms, Contact Arms, Rotors, Distributors, Condensers, Distributor Heads, Ignition Coils, Electrical Switches, Starters, Generator Brushes, Generator Cut-Outs, Starter Switches, Dimmer Clips, Battery Cables, Dash-Switches and Spot-Light Switches.
Claims use since 1919.

341,306. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) E. FREDERICS, INC., New York, N. Y. Filed Feb. 16, 1935. Serial No. 361,462.

E frederics

For Hair Waving Pads, Hair Waving Machines, Hair Dryers, and Thermostatic and Automatic Time Controls for Hair Treating Equipment.
Claims use since Oct. 3, 1932.

341,307. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) STONE-DWYER, INC., New Orleans, La. Filed June 18, 1935. Serial No. 366,336.



For Canned Shrimp.
Claims use since Apr. 16, 1935.

341,308. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) YOUNGS RUBBER CORPORATION, INC., New York, N. Y. Filed Oct. 15, 1935. Serial No. 370,403.

KLING-TITE

For Prophylactic Skin Articles for the Prevention of Contagious Diseases.
Claims use since Oct. 9, 1935.

341,309. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) JOSEPH GRANAT, San Francisco, Calif. Filed Oct. 28, 1935. Serial No. 370,912.

ROUNDED-SQUARE

For Finger Rings.
Claims use since Sept. 28, 1935.

341,310. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) LUBE JACK CO., Santa Monica, Calif. Filed Nov. 1, 1935. Serial No. 371,064.

LUBE JACK

For Vehicle Vibrating Mechanisms for Use in Lubricating Vehicles.
Claims use since July 24, 1934.

341,311. (CLASS 39. CLOTHING.) THE STROUSE-BAER COMPANY, INC., Baltimore, Md. Filed Nov. 23, 1935. Serial No. 371,939.

Suede-Spun

For Boys' and Girls' Wear—Namely, Children's Wash Suits.
Claims use since Oct. 15, 1935.

341,312. (CLASS 39. CLOTHING.) HALFF MANUFACTURING COMPANY, San Antonio, Tex. Filed Dec. 2, 1935. Serial No. 372,172.

Travis

For Men's and Boys' Dress, Negligee, and Work Shirts.
Claims use since Oct. 10, 1935.

341,313. (CLASS 39. CLOTHING.) BLOUSECRAFT INC., Los Angeles, Calif. Filed Jan. 6, 1936. Serial No. 373,354.

"JOAN HOLLYWOOD"

For Ladies' and Misses' Wearing Apparel—Namely, Blouses, Skirts, Dresses, Suits, Coats, Frocks, Robes, Pyjamas, Underwear, and Slips.
Claims use since Oct. 5, 1935.

341,314. (CLASS 39. CLOTHING.) LEVY BROS. & ADLER ROCHESTER, INCORPORATED, Rochester, N. Y. Filed Jan. 7, 1936. Serial No. 373,425.

RANGOON

For Men's Summer Coats and Trousers.
Claims use since Oct. 7, 1935.

341,315. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) STANLEY & PATTERSON, INCORPORATED, New York, N. Y. Filed Feb. 12, 1936. Serial No. 374,767.

"HANG-A-LITE"

For Electrical Wall Lamps.
Claims use since June 1, 1935.

341,316. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) SOL. E. WEINREICH, New York, N. Y. Filed Mar. 27, 1936. Serial No. 376,513.

The House of Pearls

For Pearls.
Claims use since Sept. 1, 1935.

341,317. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN WAGNER & SONS, Philadelphia, Pa. Filed Apr. 9, 1936. Serial No. 377,036.

Borie's Scotch Bonnet

For a Sherry and Pepper Sauce for Use in Soups, Dressings, Etc.
Claims use since June, 1934.

341,318. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) FLUOR CORPORATION, LTD., Los Angeles, Calif. Filed May 12, 1936. Serial No. 378,363.

AERATORS

For Cooling Towers.
Claims use since Nov. 1, 1931.

341,319. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) ALYCE WILLIAMS, doing business as Oxylith Company, Los Angeles, Calif. Filed July 18, 1936. Serial No. 381,182.

EVR-STRL

For Syringe Cases for Protecting and Sterilizing Syringes and Syringe Needles.
Claims use since June 1, 1935.

341,320. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) KNAPP-MONARCH COMPANY, St. Louis, Mo. Filed Sept. 8, 1936. Serial No. 383,026.

MODERNE

For Infra-Red Ray Lamps.
Claims use since Sept. 20, 1935.

341,321. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) LUPOMATIC TUMBLING MACHINE CO., INC., New York, N. Y. Filed Sept. 17, 1936. Serial No. 383,365.

QUICKLUSTRE

For Polishing and Burnishing Cream and Compounds.
Claims use since December, 1933.

341,322. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa. Filed Oct. 3, 1934. Serial No. 356,692.

ARDMORE

For Whiskey, Gin, Rum, Brandy, and Alcoholic Cordials.
Claims use since Sept. 7, 1934.

LABELS
REGISTERED DECEMBER 1, 1936

48,446.—*Title:* BORDEN'S EAGLE BRAND MAGIC MILK. For Sweetened Condensed Milk. THE BORDEN COMPANY, New York, N. Y. Published August 3, 1936.

48,447.—*Title:* GUMFRIS. For Tooth Paste. DENTOS DENTIFRICE COMPANY, Chicago, Ill. Published September 23, 1936.

48,448.—*Title:* DRAUGHTIE. For Beer. PETER FOX BREWING CO., Chicago, Ill. Published August 24, 1936.

48,449.—*Title:* "HACKNEY'S". For Clam Chowder. HACKNEY'S RESTAURANTS, Atlantic City, N. J., and Miami Beach, Fla. Published September 25, 1936.

48,450.—*Title:* BLACK AND WHITE. For Dog Food. THE KEEFE PACKING COMPANY, Arkansas City, Kans. Published June 9, 1936.

48,451.—*Title:* SWANSOFT. For Cleansing Tissues. THE KROGER GROCERY & BAKING COMPANY, Cincinnati, Ohio. Published July 5, 1936.

48,452.—*Title:* "BLACK LEAF 40" NICOTINE SULPHATE. For Nicotine Sulphate. TOBACCO BY-PRODUCTS & CHEMICAL CORPORATION, Louisville, Ky. Published April 30, 1936.

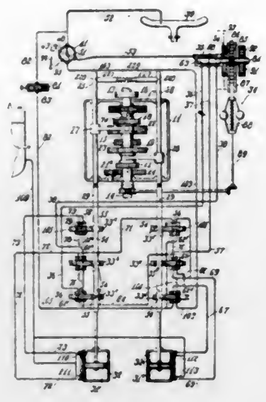
PRINTS
REGISTERED DECEMBER 1, 1936

15,932.—*Title:* HERE'S THAT NEW WAY TO INDUCE CHILDREN TO EAT BIG BREAKFASTS OF WHOLEWHEAT. For Cereal Food. GENERAL MILLS, INC., Minneapolis, Minn. Published October 9, 1936.

15,933.—*Title:* YANKEE CHUCK AND DRILLS. For Chucks and Drills. NORTH BRO'S M'F'G CO., Philadelphia, Pa. Published September 8, 1936.

15,934.—*Title:* WET! PITTSBURGH PAINTS EVERYWHERE UNDER THE SUN. For Paints. PITTSBURGH PLATE GLASS COMPANY, Pittsburgh, Pa. Published July 1, 1936.

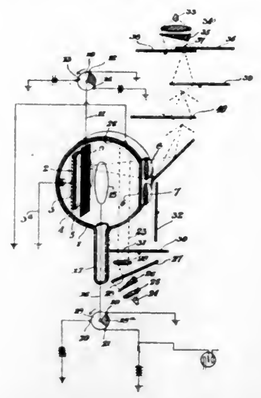
20,186
CHANGE SPEED GEAR TRANSMISSION
Harry L. Hoy, Chicago, Ill., assignor, by mesne assignments, to Vaco Products, Inc., Detroit, Mich., a corporation of Delaware
Original No. 1,791,502, dated February 10, 1931, Serial No. 332,048, January 12, 1929. Application for reissue May 25, 1936, Serial No. 81,692
23 Claims. (Cl. 74—336.5)



1. In a change speed gear transmission of the type in which two shift rods are individually associated with sets of shiftable gears, a piston carried on the end of each shift rod, a plurality of selector valves operable by the shift rods, an operator controlled element, a source of fluid pressure controlled by the operator controlled element for actuating the pistons, and a speed controlled element for determining the piston to be actuated and the direction of its movement.

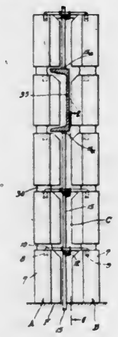
20,187
TELEVISION
François Charles Pierre Henroteau, Ottawa, Ontario, Canada, assignor to The Electronic Television Company, Limited, Ottawa, Ontario, Canada
Original application May 29, 1929, Serial No. 367,084. Divided and application September 8, 1930, Serial No. 480,480. Patent No. 1,903,113, dated March 28, 1933. This application for reissue October 31, 1933, Serial No. 696,898. In Canada May 16, 1929
40 Claims. (Cl. 178—6)

1. In a television process, the steps which comprise projecting an image upon a photoelectric screen then interrupting the light beam forming



the image on the screen and then scanning the screen.

20,188
BUILDING CONSTRUCTION
Walter R. Simons, Los Angeles, Calif.
Original No. 1,870,967, dated August 9, 1932, Serial No. 488,775, October 15, 1930. Application for reissue October 16, 1936, Serial No. 106,046
13 Claims. (Cl. 72—30)



4. In a wall structure, two upright series of building blocks arranged in courses, said courses forming spaced wall units, said units having non-metallic bonding reinforcing means between them, said means including a uniting bond of resistant grout filling provided at the point of juncture of the blocks with an enlarged core presenting substantial supporting areas, said blocks being provided with seats for said enlarged core and separated to provide angularly disposed intersecting mortar joints aligned with the faces of said enlarged core whereby the inner face of each block provides an increased cross-sectional area for the grout where the grout joins the mortar joints to give increased adhesion surfaces for the grout aligned with the mortar joint, said mortar joints

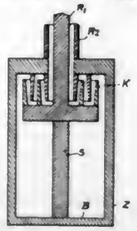
combining with the grout to increase the strain resisting properties of the wall structure, the mortar in the wall joints being less resistant than the grout to permit the wall to withstand greater shock without collapse.

20,189
OSCILLATION CIRCUIT FOR ELECTRIC WAVES

Hans Otto Roosenstein, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Original No. 1,955,093, dated April 17, 1934, Serial No. 465,947, July 7, 1930. Application for reissue June 23, 1934, Serial No. 732,161. In Germany July 6, 1929

25 Claims. (Cl. 250—36)



1. An oscillatory circuit for high frequency currents comprising a hollow metallic cylinder, said cylinder being closed on all sides except for an aperture in the approximate center of one end wall of said cylinder, a condenser within said cylinder comprising a plurality of separated metallic plates, alternate ones of which are connected to the two opposite end walls of said cylinder whereby the condenser is short circuited for direct current, and an inductance in the form of a metallic rod connecting one group of said plates to one of said opposite end walls, said rod being arranged to extend through said aperture in the other opposite end wall whereby the combination of said inductance, condenser and cylinder form an oscillatory circuit for high frequency currents.

20,190
DETONATOR

Harold A. Lewis, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Original No. 1,991,857, dated February 19, 1935, Serial No. 668,921, May 2, 1933. Application for reissue October 8, 1936, Serial No. 104,685

4 Claims. (Cl. 102—8)

1. A detonator or blasting cap comprising a shell or tube having a closed end, a secondary or main charge, and a primary charge of detonating



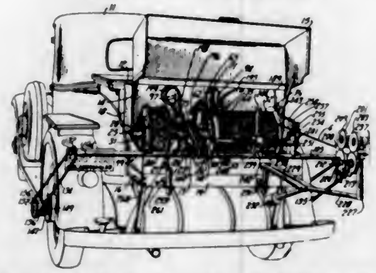
material in the tube, the primary charge being nearest to the closed end of the tube.

20,191
METHOD OF AND APPARATUS FOR PLACING EXPLOSIVE CHARGES

Chester A. Mathey and Paul F. Lewis, Tulsa, Okla.; said Lewis assignor, by mesne assignments, to E. I. du Pont de Nemours and Company, a corporation of Delaware

Original No. 2,021,632, dated November 19, 1935, Serial No. 708,839, January 29, 1934. Application for reissue February 18, 1936, Serial No. 64,544

10 Claims. (Cl. 102—5)



7. An apparatus of the character described comprising a reel, a cable wound on the reel for lowering an explosive charge into a well, braking means for controlling the rotation of the reel comprising a drum carried by the reel, a ring gear on the drum, hydraulic means comprising a fluid chamber, impellers in the chamber, a fluid supply tank, means for conducting fluid from the supply tank to the fluid chamber, means for discharging the fluid under pressure from the chamber to the supply tank, a surge chamber connected to the discharge means and responsive to pressure of the discharging fluid to minimize the pulsations of the impellers, an actuating shaft supporting one of the impellers, a pinion engaging the actuating shaft and the ring gear, means for indicating the pressure in the surge chamber, and means for selectively throttling the flow through the discharge means for varying the speed of the reel and controlling its operation.

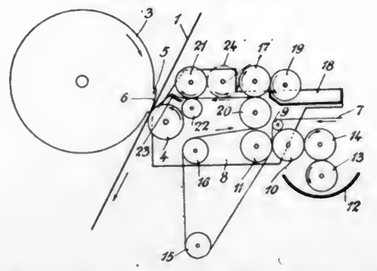
PATENTS

GRANTED DECEMBER 1, 1936

2,062,280
STICKING OF STRIPS

Finn Aanesen and Theodor Lindboe, Oslo, Norway

Application June 5, 1935, Serial No. 25,193
In Norway March 5, 1935
9 Claims. (Cl. 216—33)

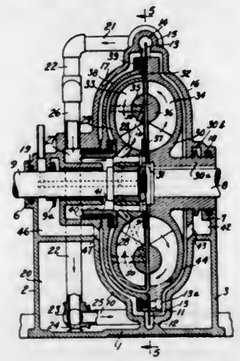


9. The method of sealing printed matter which comprises first sticking an adhesive strip to the front page of said printed matter in a running web in lateral projection from the right hand side margin near one end of said page before cutting said web, and then, after cutting and final folding to a half page size, folding said strip, and contacting its free end with said page at the opposite side of the printed matter so produced.

2,062,281
HYDRAULIC COUPLING

Noah L. Alison, Detroit, Mich., assignor to American Blower Corporation, Detroit, Mich., a corporation of Delaware

Application March 18, 1935, Serial No. 11,551
10 Claims. (Cl. 60—54)

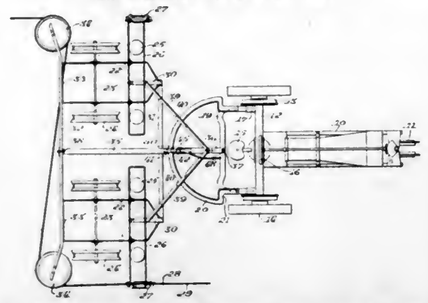


1. In a hydraulic coupling apparatus, the combination of a casing having an annular restricted pumping chamber with an outlet therefrom and a main chamber, a hydraulic coupling rotatable in the main chamber, said coupling having a peripheral outlet, and a pumping means peripherally mounted on said coupling and extending from the main chamber into the pumping chamber.

2,062,282
TRACTOR PLANTER

Russel D. Acton, Chicago, Ill., assignor to International Harvester Company, a corporation of New Jersey

Application July 30, 1934, Serial No. 737,525
12 Claims. (Cl. 111—20)



1. A tractor attached implement comprising, in combination with a tractor, a rearwardly extending draft frame pivotally connected on a transverse axis to the tractor, an implement frame structure pivotally connected on a vertical axis to said draft frame, and latch means associated with said pivotal connection for holding the frame structure against pivotal movement with respect to the draft frame, said means including detent mechanism releasable for pivotal movement of the implement frame with respect to the draft frame by application of a predetermined torque on the frame structure.

2,062,283
COMPENSATED TRUNNION TYPE CLAMP

Arthur O. Austin, near Barberton, Ohio

Application November 29, 1933, Serial No. 700,271
2 Claims. (Cl. 248—63)



1. The combination with a cable of a seat for supporting said cable, a contact member for engaging said cable in said seat, a clamp for pressing said contact member against said cable fixed resilient means interposed between said clamp and contact member and threaded means for pressing said clamp against said resilient means.

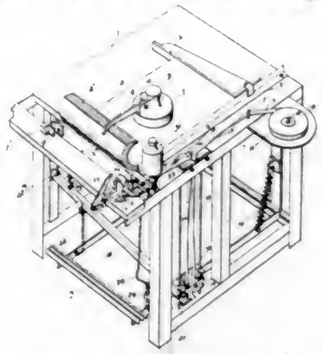
2,062,284
GUMMING MACHINE

Arthur Bennett, San Francisco, Calif.

Application April 6, 1935, Serial No. 15,005
10 Claims. (Cl. 154—1)

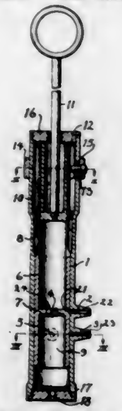
3. Apparatus of the character described comprising a supporting surface, means supporting a roll of tape for drawing along and positioning on said surface, means for guiding a sheet of paper to position against said tape on said surface, the last-mentioned means including means holding down a pile of paper sheets, a finger arranged to hold one end of the pile arched up-

wardly so that the sheets may be released in succession to fall to position, and a gap in said



surface straddled by said sheets in falling, said tape being supported on the surface beyond said gap or remote from said pile of paper.

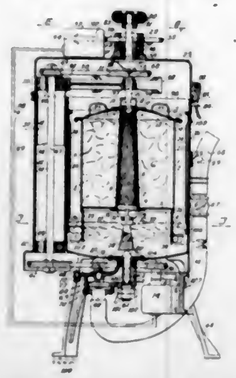
2,062,285
SYRINGE
Sam Bergman, Tampa, Fla.
Application May 2, 1934, Serial No. 723,437
15 Claims. (Cl. 128—214)



1. A pump assembly comprising a cylinder having two inlet ports in the same transverse plane and having two outlet ports in a transverse plane different from that of the inlet ports, each outlet port being in a longitudinal plane with an inlet port, a cylindrical sleeve valve within the cylinder, said sleeve having a transverse partition and being provided with a port formed in the wall of the sleeve adjacent to the partition, a piston slidable within the sleeve, and guiding means comprising elements on the cylinder and on the sleeve adapted for rotation whereby the port of the sleeve valve may be brought into alinement selectively with either of the longitudinal planes having an inlet and outlet port.

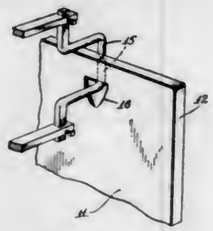
2,062,286
WASHING MACHINE
John Emil Wilhelm Birr, San Leandro, Calif., assignor of one-half to Albert G. Nicolini, Oakland, Calif.
Application April 21, 1933, Serial No. 667,185
Renewed August 5, 1935
12 Claims. (Cl. 68—18)

1. In a washing machine, a container for the washing fluid; a drum rotatably mounted within said container and above said fluid, said drum having an opening in its bottom wall, and perforations through the side-walls thereof; a hollow tower with open base, said tower being centrally arranged within said drum, and fast therewith so as to register with said floor-opening in said drum, and having its side-walls perforated; a series of vanes arranged without the profile of said drum, said vanes being upwardly inclined toward the



direction of rotation of said drum, and being positioned below said drum so as to impart a downward whirling motion to said fluid when said drum is rotated; means for securing said vanes fast with said drum; a plurality of curved radially arranged blades fast to and within said container and below said vanes, and positioned so as to direct the whirling fluid to and within said tower; and means for rotating said drum in one direction.

2,062,287
METHOD OF MAKING SHEET METAL CONSTRUCTION
Samuel J. Block, Connersville, Ind., assignor to Steel Kitchens Corporation, Connersville, Ind., a corporation of Delaware
Application March 21, 1936, Serial No. 70,062
2 Claims. (Cl. 219—10)



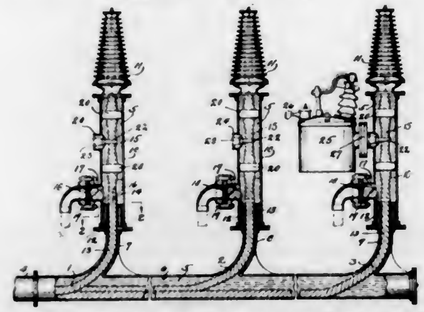
1. The method of constructing a sheet metal article comprising a pair of flanged sheets in spaced face-to-face relation to each other, which comprises cutting a plurality of slits in one of the sheets parallel to the edge thereof, bowing inwardly the metal at the side of said slits opposite the edge, placing the sheets together with the flanges of one sheet fitting inside of the flanges of the other sheet, inserting one electrode of a spot welding machine through the slits and in contact with the inner flanges and the other electrode in contact with the outer flange, and spot welding the inner and outer flanges together.

2,062,288
RING WELT AND METHOD OF MAKING
Pearl C. Arnold, West Hanover, Mass., assignor to Barbour Welting Company, Brockton, Mass., a copartnership composed of Perley E. Barbour, Walter G. Barbour, and Richard H. Barbour
Application April 24, 1935, Serial No. 17,987
6 Claims. (Cl. 36—78)



1. A pre-formed tubular ring welt for the complete welting of a single shoe comprising a piece of welting edge-slit to form three separable flaps at one margin and having an unslit extension integral therewith, the ends of said piece being lapped across said flaps and extension and secured together.

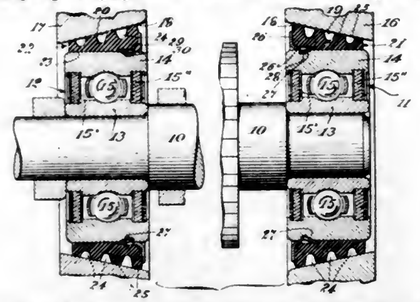
2,062,289
ELECTRIC CABLE SYSTEM
Charles E. Bennett, Ridgewood, N. J., assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J., a corporation of New Jersey
Application June 8, 1934, Serial No. 729,607
3 Claims. (Cl. 247—3)



1. In a cable system, the combination of a pipe line, an insulated cable conductor disposed therein, oil under pressure in the pipe line in which the cable is immersed, grounded shielding tape about the insulation of the cable, an outlet and riser freely communicating with the pipe line, a terminal carried by the riser, the cable extending through the outlet and riser into said terminal, a transformer within the riser submerged in the high pressure oil therein, and immediately surrounding the said shielding tape, and a lead for said transformer extending liquid tight to the exterior of the riser.

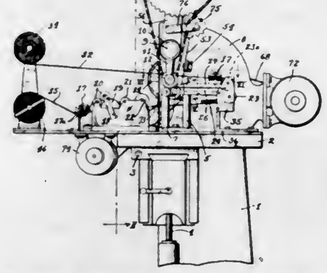
2,062,290
JOURNAL BEARING
George R. Bott, Stamford, Conn., assignor to Norma-Hoffmann Bearings Corporation, Stamford, Conn., a corporation of New York
Application September 14, 1933, Serial No. 689,348
Renewed February 11, 1936
10 Claims. (Cl. 308—184)

1. A mounting for a shaft supporting ball bearing device including an outer race ring with respect to which the inner race ring and shaft are jointly rotatable, comprising an outer supporting journal element the bearing wall of which is of larger diameter than said outer race ring and axially tapered to provide an intervening space enlarging from one side to the other, a yieldable ring in said space tightly surrounding the outer race ring and having a plurality of integrally connected laterally yieldable fillet bands in tight clamping engagement with said bearing wall,



said bands in ensemble outline tapering in substantial agreement with the taper of said wall, and means interengaged with the outer ring contacting and engaging with said yieldable ring at the larger end of said space.

2,062,291
TUBE FORMING MACHINE
Herbert S. Brown, Chicago, Ill.
Application August 31, 1934, Serial No. 742,227
12 Claims. (Cl. 93—80)

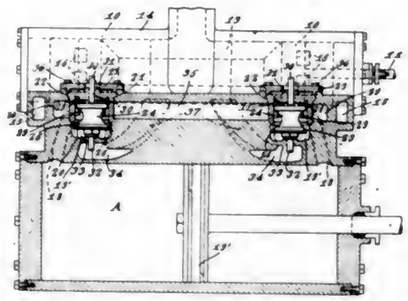


1. In a tube forming machine, a vertically adjustable platform, a stationary mandrel supported upon said platform, a vertical member adjacent said platform, an arm extending from said member in oblique relation to said mandrel, a bearing carried by said arm, a shaft journalled in said member and bearing and a roller secured to said shaft for cooperating with said mandrel.

2,062,292
LOCOMOTIVE DRIFTING AND BY-PASS VALVE
Frank Bukove, Albuquerque, N. Mex., assignor of one-half to Leslie R. Kiehl, Raton, N. Mex.
Application October 1, 1934, Serial No. 746,465
2 Claims. (Cl. 121—133)

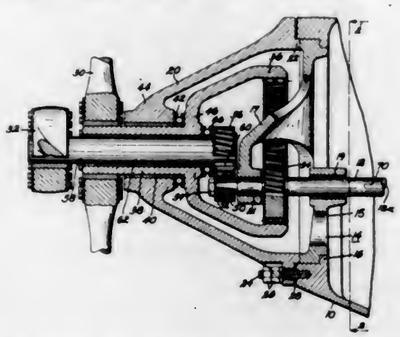
1. In combination with a locomotive cylinder having a circulating conduit and a cored port communicating between the ends of the conduit and the cylinder; of a valve cage located at said port and in said conduit and a valve in said cage having a piston stem for controlling the valve by steam pressure for permitting by-passing of cylinder atmosphere through said conduit from one end of the cylinder to the other, said cage having openings in its sides, a closed top and an open

bottom, and said top having an opening for the one end of the stem of the valve, a cap member through which said end of the stem passes removably securing the cage in position, said valve comprising a hollow member which is rounded



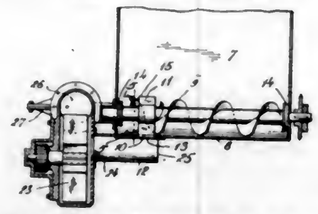
inwardly from its ends to its center and which in one position has its ends in contact with the closed top and open bottom edge of the cage and the second or lower end of the valve stem providing the piston therefor.

2,062,293
PROPELLER DRIVE
Denis F. Cashman, Dayton, Ohio
Application May 22, 1935, Serial No. 22,842
10 Claims. (Cl. 170—165)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



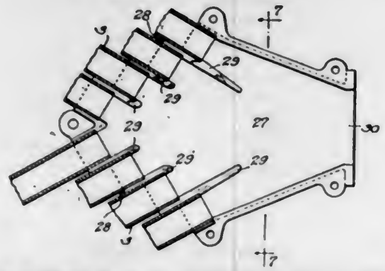
1. A device for driving a pair of concentrically mounted aircraft propellers at the same speed but in opposite directions from a drive shaft mounted in the motor casing, including a hollow conical housing removably attached to said motor casing, an internally driven gear mechanism for driving one of the propellers from the drive shaft in the same direction as the rotation of the drive shaft, said gear mechanism including a tubular sleeve journaled in said housing, said sleeve terminating in a hollow conical portion nestled in the hollow conical housing and internally toothed gear portion and a second gear mechanism for driving the other propeller from said drive shaft in a direction opposite from that of the first propeller, said second gear mechanism including a shaft journaled in said tubular sleeve, said shaft supporting an externally toothed gear mounted within the hollow conical portion of the internally toothed gear and meshing with a gear driven from said drive shaft.

2,062,294
CROP DUSTER
Joseph B. Cary, Buffalo, and Carl G. Allgrunn and Jacob E. Hollinger, Middleport, N. Y., assignors to Niagara Sprayer and Chemical Company, Inc., Middleport, N. Y., a corporation
Refiled for abandoned application Serial No. 430,285, February 21, 1930. This application November 22, 1932, Serial No. 643,948
1 Claim. (Cl. 43—148)



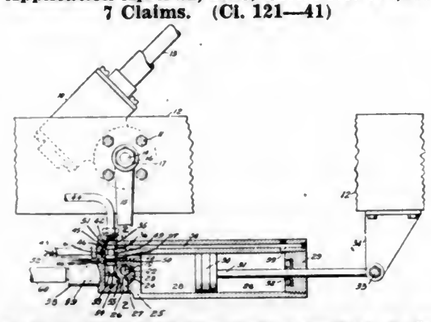
In a crop dusting apparatus of the character disclosed, a dust-containing reservoir having a discharge opening, and dust feeding means comprising a shaft, a feed screw provided on said shaft extending to and past the effective discharge portion of said opening and terminating short of the end of said shaft for feeding dust to said opening, and means provided on said shaft adjacent the discharge opening and intermediate the ends of the feed screw for feeding dust through said opening, whereby dust is fed positively and continuously to said opening and is forcibly discharged therethrough, and dust which is not discharged through said opening is conveyed past the opening and returned to the body of dust in the reservoir for subsequent feeding.

2,062,295
CROP DUSTER
Joseph B. Cary, Buffalo, and Carl G. Allgrunn and Jacob E. Hollinger, Middleport, N. Y., assignors to Niagara Sprayer and Chemical Company, Inc., Middleport, N. Y., a corporation
Original application November 22, 1932, Serial No. 643,948. Divided and this application October 31, 1933, Serial No. 696,066
2 Claims. (Cl. 43—148)



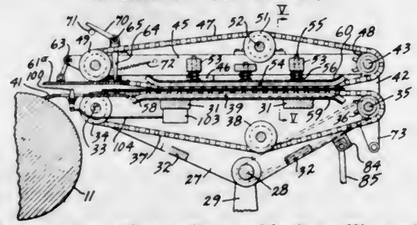
1. In a crop dusting machine of the type provided with a hopper for containing a powdered dust, a blower for establishing an air stream and means for feeding the powdered dust to the inlet side of said blower; a distributor head which comprises a body portion formed with a chamber therein, and an inlet to said chamber for admitting a principal stream of dust-laden air, a wall of the body portion being provided with a series of walled openings the longitudinal axes of which are substantially parallel and the outer edges of which are offset with respect to the edges of adjacent walled openings of the series.

2,062,296
ECCENTRIC VALVE CONTROL
Hugo A. Centervall, Brooklyn, N. Y., assignor to Manly Corporation, New York, N. Y., a corporation of New York
Application April 21, 1933, Serial No. 667,148
7 Claims. (Cl. 121—41)



1. In a device of the class described, a fluid motor comprising a relatively stationary piston member and a relatively movable cylinder body having a bore therein, a valve controlling the operation of said motor, said valve being movable with and movable with respect to said cylinder body, a cylindrical member rotatably mounted in said bore, a manually movable control member connected eccentrically with said cylindrical member, and an operative connection between said valve and said cylindrical member for movement of said valve simultaneously with the rotation of said cylindrical member.

2,062,297
AUTOMATIC MECHANICAL CATCHER FOR ROLLING MILLS
Albanus Groome Delany, Gadsden, Ala., assignor, by mesne assignments, to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio
Application October 1, 1931, Serial No. 566,230
15 Claims. (Cl. 80—47)

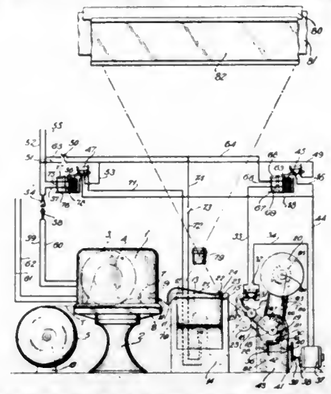


1. An automatic catching table for rolling mills comprising a tiltable frame, superposed sets of endless chains mounted on said table, each set comprising flights which are closely spaced and adapted to receive the rolled sheets between them, spring pressed guides to hold the chains in yieldable engagement with the sheets, and a reversible drive for the chains.

2,062,298
MESSAGE RECORDING MACHINE
August D. Eitzen, Rockville Centre, N. Y., assignor to News Projection Corporation, New York, N. Y., a corporation of New York
Application April 20, 1932, Serial No. 606,340
Renewed March 22, 1935
15 Claims. (Cl. 88—24)

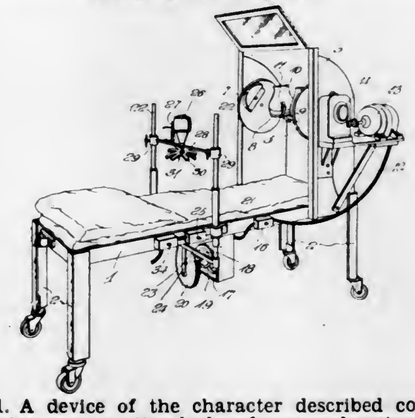
1. In a stock quotation projection machine, the combination with a motor driven ticker, of

wiring for connecting the motor of said ticker to a source of current, a lamp, wiring connecting said lamp in parallel with said ticker to the source of current, a switch in said lamp wiring



normally open, and a magnet connected to said ticker wiring in series with said ticker and operatively connected to close said lamp switch when the current to said ticker is established in turn to control the current of said lamp.

2,062,299
EXERCISING AND TREATMENT APPARATUS
Prentis E. Erickson, Minneapolis, Minn., assignor to James B. Bradshaw, Minneapolis, Minn.
Application June 10, 1935, Serial No. 25,924
3 Claims. (Cl. 128—25)

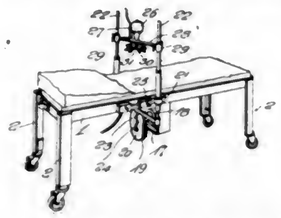


1. A device of the character described comprising a supporting bed, a frame or housing at one end thereof, foot engaging means mounted within said frame for movement through a complete circle, and means for positively motivating said foot engaging means.

2,062,300
ARM EXERCISING AND STOMACH TREATMENT APPARATUS
Prentis E. Erickson, Minneapolis, Minn., assignor to James B. Bradshaw, Minneapolis, Minn.
Original application June 10, 1935, Serial No. 25,924. Divided and this application January 23, 1936, Serial No. 60,509
4 Claims. (Cl. 128—25)

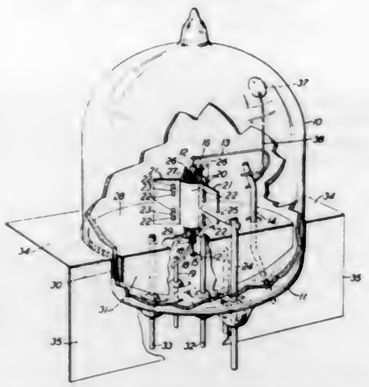
1. A device of the character described comprising a bed support upon which the person be-

ing treated lies upon his back, an arm vibrator and exerciser mounted adjacent the middle of said



bed, and a vibrating kneading device adjustably mounted upon said arm vibrating mechanism, substantially as described.

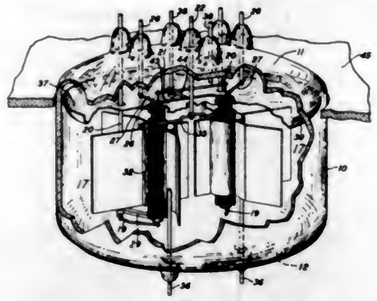
2,062,301
ELECTRON DISCHARGE DEVICE
Clifford E. Fay, Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 13, 1934, Serial No. 730,371
5 Claims. (Cl. 250—27.5)



1. An electron discharge device comprising an enclosing vessel, a cathode, an anode, a control electrode disposed between said cathode and anode, leading-in conductors for said control electrode and anode sealed in a wall of said vessel, a screen electrode disposed between said control electrode and anode, and a metallic disc extending adjacent one end of said anode, screen and control electrodes, said disc being electrically connected to said screen electrode and having a flange portion disposed between said leading-in conductors.

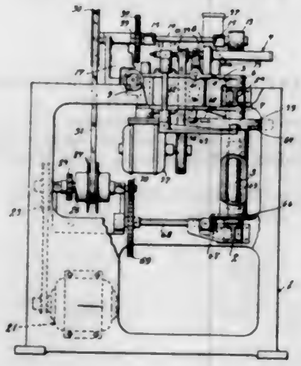
2,062,302
ELECTRON DISCHARGE DEVICE
Clifford E. Fay, Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application November 1, 1934, Serial No. 750,920
6 Claims. (Cl. 250—27.5)

2. An electron discharge device comprising an enclosing vessel, a plurality of electrode units within said enclosing vessel, said units being disposed with their longitudinal axes substantially parallel and each including a cathode, an anode, and a grid electrode cooperatively disposed with respect to said cathode and anode, leading in conductors for said anodes extending from one end of said vessel, leading in conductors for said grids extending from said vessel at points remote from said one end, and a metallic disc extend-



ing adjacent one end of said units and supporting said grid electrodes, said disc shielding said grid conductors from said anode conductors.

2,062,303
TUBE MAKING MACHINE
John L. Ferguson, Joliet, Ill., assignor, by mesne assignments, to Paul Hawkins, Los Angeles, Calif.
Application November 9, 1934, Serial No. 752,210
11 Claims. (Cl. 93—80)

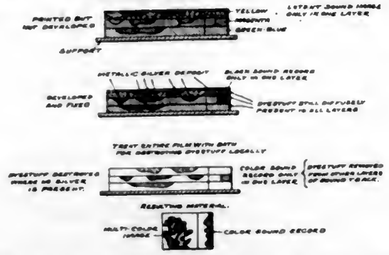


1. A tube winding machine comprising a mandrel, a rotatable pressure roller arranged to wind a tape spirally on said mandrel, the axis of the pressure roller being at an angle to the mandrel axis substantially equal to the lead of the spiral, and means for changing the relative angle between said mandrel and said pressure roller while maintaining the angular relation between the roller and tape.

2,062,304
PROCESS FOR THE PRODUCTION OF A COLORED SOUND FILM
Béla Gaspar, Berlin-Schoneberg, Germany
Application November 16, 1932, Serial No. 642,961
In Germany November 19, 1931
2 Claims. (Cl. 88—16.2)

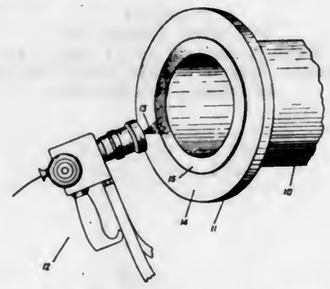
1. The method of producing multi-color kinematographic sound films in a pre-dyed photographic material comprising a support and a plurality of differently colored and light sensitive layers, which consists in photographically print-

ing the sound image into the sound area of that layer, containing a dyestuff, whose color is complementary to the sensitiveness of the photo-electric device used in reproducing the film; developing the film, then treating the developed film with a dye destroying bath to destroy the dyestuff of the film selectively in proportion to



the silver present in each layer, thereby removing the dyestuff locally in the picture area of all of the layers and also locally in the sound area of the said layer which absorbs the light acting on the photo-electric cell, and removing the dyestuff totally in the sound area of at least one other layer.

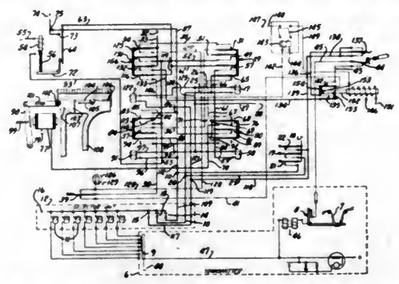
2,062,305
SEALING MEANS
Claude S. Gillette, United States Navy
Application October 11, 1934, Serial No. 747,868
2 Claims. (Cl. 285—130)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. Means for sealing between the adjacent faces of two connected flanged pipes comprising a gasket-like ring applied to the face of one of the flange members, the material of said ring having the characteristics of sprayed metal whereby when the second flanged pipe is brought into abutting relation the sealing material will be placed under sufficient pressure to flow into any irregularities which may exist between the pipe ends.

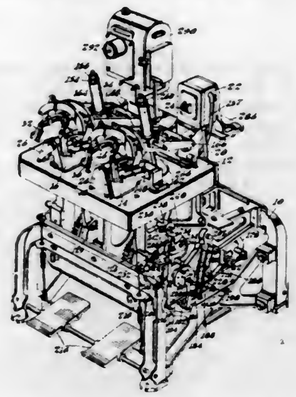
2,062,306
DELAY APPARATUS FOR LINECASTING AND COMPOSING MACHINES
Maurus T. Goetz, Chicago, Ill., assignor to Teletype Corporation, Chicago, Ill., a corporation of Delaware
Application December 29, 1933, Serial No. 704,378
30 Claims. (Cl. 199—29)

1. In a composing machine, for selectively assembling a plurality of character elements, means to select each character element in response to a stored signal, auxiliary means to modify a selected character element in its response to its signal, and means to delay said response in order to correctly time the character selecting opera-



tion with the operation of the character modifying means.

2,062,307
MACHINE FOR OPERATING ON SHOE PARTS
Chester W. Greene, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application April 22, 1935, Serial No. 17,564
21 Claims. (Cl. 12—97)

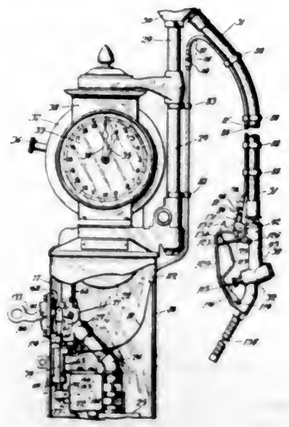


1. In a machine for pressing parts of shoe uppers together, the combination of a form, a presser member, a cam for relatively actuating the form and presser member to press the work between them, reversing mechanism for rotating the cam first in one direction to apply pressure and then in the opposite direction to release it, and toggle means actuated by the cam for operating said reversing mechanism.

2,062,308
DISPENSING APPARATUS
Clement P. Griffith, Fort Wayne, Ind., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind., a corporation of Indiana
Application August 12, 1929, Serial No. 385,165
39 Claims. (Cl. 221—95)

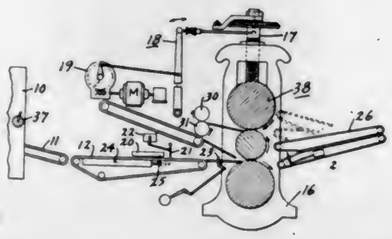
1. In dispensing apparatus, the combination with dispensing mechanism comprising a delivery hose and a discharge nozzle, of a check-valve connected to said hose and opening toward said nozzle when operating pressure is exerted on said valve but closing automatically when such pressure is withdrawn to prevent draining of the hose, means associated with said nozzle for controlling the operating pressure, a self-closing valve at the

nozzle for controlling flow therethrough, and a manually actuated lever on the nozzle for both



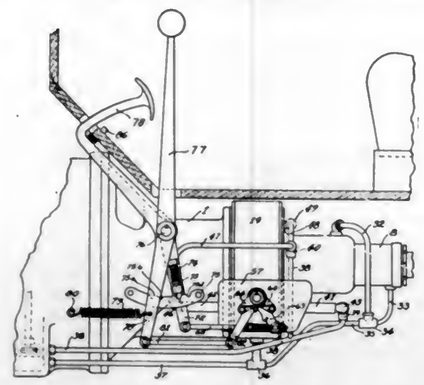
operating said controlling means and opening said valve.

2,062,309
SHEET ROLLING PROCESS AND APPARATUS
George P. Hansen, Gadsden, Ala., assignor, by mesne assignments, to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio
Application June 22, 1932, Serial No. 618,603
4 Claims. (Cl. 29—18)



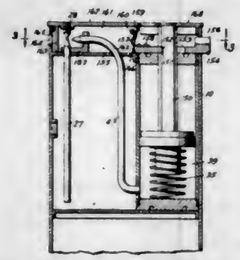
1. A method of rolling metal to finished gauge directly from heated sheet bars and like sheet blanks not lighter than rough plate, and without reheating, which comprises heating said sheet blanks and substantially reducing them by repeated passage through a single roughing mill following a predetermined screw-down program fixed for all blanks of a given batch or order, then delivering the reduced pieces to a finishing mill and finishing them, all of the operations of the process at least subsequent to the heating step, being carried on in rapid succession and automatically, including the delivery to the roughing mill, the handling of the pieces in the repeated passes through said mill, the following of the predetermined reduction program for said mill, and the delivery of said pieces to the finishing mill, all of said operations being carried on so rapidly as to render reheating unnecessary, and in connection with said predetermined reduction program controlling the dimensions of the finished sheets by controlling the initial temperature to which the blanks are heated.

2,062,310
VARIABLE SPEED TRANSMISSION
John Lindsay Hittell, Chicago, Ill., assignor to The Automatic Transmission Engineering Company, a trust; John Lindsay Hittell, trustee
Application July 29, 1932, Serial No. 626,159
48 Claims. (Cl. 60—53)



1. In a hydraulic machine, a rotor, a variable capacity fluid chamber rotatable in unison therewith, a recess in the said rotor diametrically opposed to the said variable capacity fluid chamber, and means for communicating fluid pressure to the said recess.

2,062,311
POCKET ATOMIZER
John Holtzman, New York, N. Y.
Application March 7, 1931, Serial No. 526,988
3 Claims. (Cl. 299—88)

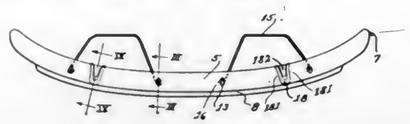


1. In an article of the character described, a casing, atomizing means within the casing including an outwardly spring-pressed reciprocatory member operable from the exterior of the casing and having a transverse groove therein, a sealing cover arranged to seal said atomizing means and having a pivot connecting the cover to the casing, said cover having a beveled end edge in spaced relation to the pivot, a locking slide in the casing having an end portion projecting therefrom outside of the casing, part of said slide entering said groove for normally locking the reciprocatory member, said slide engaging a point of the beveled end edge of the sealing cover in spaced relation to the pivot when said slide part is moved out of said groove to rotate the cover about said pivot into position to unseal said means and simultaneously to release the reciprocatory member.

2,062,312
MANUFACTURE OF ALKYL PHOSPHATES
Vladimir Ipatieff, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application April 30, 1932, Serial No. 608,572
2 Claims. (Cl. 260—99.20)

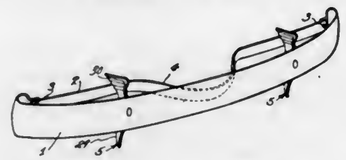
1. A process for producing phosphoric acid esters which comprises reacting phosphoric acid with a gaseous olefinic hydrocarbon in the presence of sulphuric acid as a catalyst and under superatmospheric pressure.

2,062,313
VEHICLE BUMPER CONSTRUCTION
Herbert S. Jandus and Bladen M. Short, Detroit, Mich., assignors to General Spring Bumper Corporation, Detroit, Mich., a corporation of Michigan
Application February 23, 1934, Serial No. 712,470
10 Claims. (Cl. 293—55)



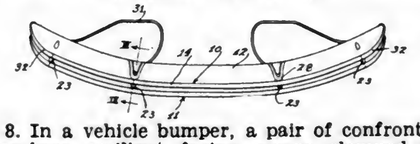
1. In a vehicle bumper, a pair of confronting impact bars having opposed grooves in their inner faces, a facing element of resilient material, a rigid backing on said element between said bars and seated in said grooves, and means to maintain said bars clamped on said backing.

2,062,314
BUMPER CLAMP AND GUARD CONSTRUCTION
Herbert S. Jandus and Norman Y. Kristensen, Detroit, Mich., assignors to General Spring Bumper Corporation, Detroit, Mich., a corporation of Michigan
Application May 26, 1934, Serial No. 727,672
3 Claims. (Cl. 293—55)



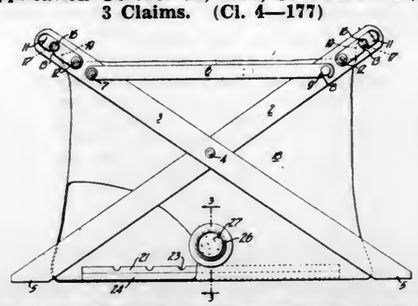
1. An elongated and horizontally extending bumper bar of a substantially flat or slightly curved vertical section, a vertically extending and elongated guard secured on the rear vertical face of said bar to provide a front impact face substantially flush with the front face of said bar and extending above and below said bar, said guard having a vertically extending impact receiving member provided with an offset defining a recess receiving said bar and defining top and bottom shoulders in engagement with said bar to maintain said bar and said guard in aligned relation, an integrally formed rib extending normally and rearwardly of said impact receiving member, said rib having a thickened and apertured portion within the zone of the offset portion of said impact receiving member, and a bolt entered through said bar and said thickened portion to hold said guard and said bar in secured relation.

2,062,315
VEHICLE BUMPER CONSTRUCTION
Herbert S. Jandus and Bladen M. Short, Detroit, Mich., assignors to General Spring Bumper Corporation, Detroit, Mich., a corporation of Michigan
Application June 11, 1934, Serial No. 729,948
16 Claims. (Cl. 293—55)



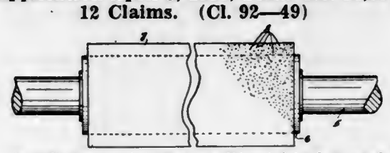
8. In a vehicle bumper, a pair of confronting members, resilient facing means clamped between said members, and filler means disposed between said members to occupy the space not occupied by said facing means.

2,062,316
FOOT TUB
Caroline S. Johnson, San Francisco, Calif., assignor of one-half to Carl A. Berntsen, San Francisco, Calif.
Application October 11, 1934, Serial No. 747,881
3 Claims. (Cl. 4—177)



1. A portable foot tub comprising a foldable supporting frame, a flat bottomed collapsible receptacle mounted on said frame with its bottom resting on the floor, and a foldable wooden rack in the bottom of the receptacle to keep the feet from contacting the receptacle and to provide a rigid bottom when the tub is in use.

2,062,317
ROLL
John F. Joseph, Cincinnati, Ohio, assignor to The Cincinnati Rubber Manufacturing Company, Norwood, Ohio, a corporation of Ohio
Application April 3, 1935, Serial No. 14,537
12 Claims. (Cl. 92—49)

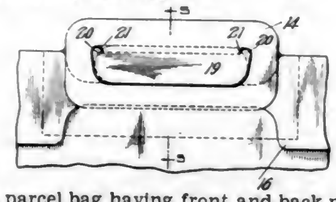


1. A roll comprising a resilient binder and slag particles incorporated in the binder throughout the surface of the roll.

2,062,318
PARCEL BAG
Robert M. Lackey, Cohoes, N. Y.
Application May 9, 1934, Serial No. 724,639
10 Claims. (Cl. 229—68)

6. A parcel bag having a front portion and a back portion integrally united and foldable one

upon the other, means for securing said portions in service relation, said means embodying a plurality of handle members having each a finger opening therein, said openings substantially conforming each with the other, and a closure flap for said bag on one of said portions, the folding crease whereof alines approximately with the upper edge of the finger opening of the handle member of said portion having said flap.



8. A parcel bag having front and back portions each having carrying means providing substantially registering finger openings, one of said carrying means providing a locking member hinged thereto and capable of insertion through the other opening, said locking member providing locking means in the plane of the locking member and projecting past the line of hinging on the opposite side thereof from the body of the locking member.

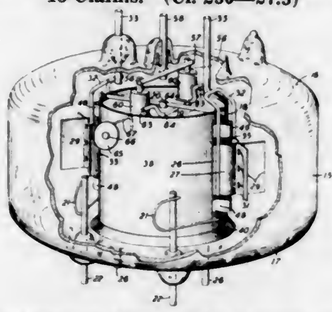
2,062,319

ELECTRON DISCHARGE DEVICE

Joseph P. Laico, Brooklyn, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application February 9, 1935, Serial No. 5,688

15 Claims. (Cl. 250—27.5)



1. An electrode assembly for electron discharge devices, comprising a plurality of cylindrical members disposed one within another and having juxtaposed apertures in lateral walls thereof, and grid electrodes mounted on said members and in said apertures.

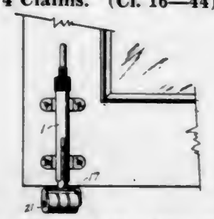
2,062,320

ADJUSTABLE DOOR SUPPORT

Edward J. Langer, Portland, Oreg.

Application January 20, 1934, Serial No. 707,492

4 Claims. (Cl. 16—44)



1. A device of the class described comprising a hollow cylindrical body, a shaft yieldingly and slidably mounted within said body and extending beyond one end of said body, the lowermost end of said shaft carrying a plurality of caster wheels, means for regulating the yieldability of said shaft, and means for adjusting said shaft with respect to the body through certain degrees of a circle.

2,062,321

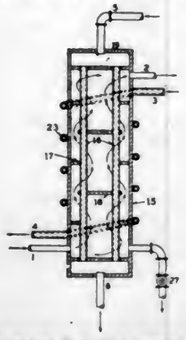
METHOD AND APPARATUS FOR HEAT INTERCHANGE

Isaac H. Levin, Pittsburgh, Pa.

Application July 14, 1933, Serial No. 680,378

Renewed September 2, 1936

5 Claims. (Cl. 257—246)



1. An apparatus for the exchange of heat comprising fluid conducting tubes, a fluid receiving chamber and a fluid discharge chamber connected by said fluid conducting tubes, a shell surrounding said tubes and forming a gas space between the wall of said tubes and the wall of said shell, inlet and outlet means for passing a fluid into and out of the said space, means for giving said fluid a sinuous motion during its passage through said space to bring about improved heat transfer between the fluid and the wall of the shell, fluid conducting means coiled about the exterior surface of said shell, a casing covering the said means and forming a gas space between the exterior wall of the shell and the casing, inlet and outlet means for passing a fluid into and out of said second mentioned space.

2,062,322

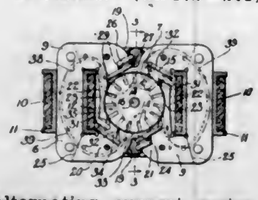
ALTERNATING CURRENT MOTOR

Edgar D. Lilja, Rockford, Ill., assignor to Howard D. Colman, Rockford, Ill.

Application February 1, 1932, Serial No. 590,026

Renewed June 17, 1935

12 Claims. (Cl. 172—278)



7. An alternating current motor having, in combination, a rotor, a plurality of pairs of annularly spaced pole projections with the adjacent side tips of the adjacent poles magnetically connected, a plurality of magnetic members each connecting one pair of said projections remote from said rotor, and an exciting winding enclosing at least one of said members, the opposite side surfaces of each of said projections diverging relative to each other and toward said rotor.

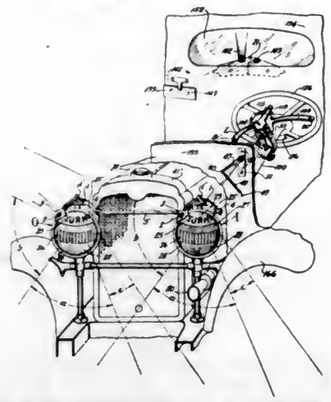
2,062,323

COMBINED HEADLIGHT AND DIRECTION INDICATOR FOR VEHICLES

Emil R. Lochman, Milwaukee, Wis.

Application July 26, 1930, Serial No. 470,985

12 Claims. (Cl. 177—337)



1. In a combination road lighting and signalling device, a headlight having the usual reflector and lamp, a second reflector pivotally mounted on a vertical axis within the usual reflector, a portion of said second reflector extending forwardly and a portion rearwardly of its vertical axis, said rearward portion extending into proximity to said lamp and being shaped to avoid contact with the lamp and to permit its rays to pass the edge of the reflector, the entire reflector being so shaped that when set in angular position the side nearest the lamp coacting with the usual reflector will throw a strong section of light in an angular direction, while the side away from the lamp will act as a dimmer, so that the forwardly projected light is less bright than said angularly projected light, while the remainder of the light is bright, and all three sections of light merge in a continuous stream, and means for pivotally adjusting said movable reflector whereby the projected light may be employed for road lighting and signalling purposes.

2,062,324

METHOD OF EXTRACTION OF MORPHINE AND RELATED DERIVATIVES

George Elwood Mallory, Takoma Park, Md., assignor to The Government of The United States, as represented by the Secretary of the Treasury

No Drawing. Application July 12, 1935, Serial No. 31,072

20 Claims. (Cl. 87—28)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In a process for the extraction of morphine, the steps of digesting the raw morphine-bearing materials in a strong mineral acid solution of over 5% acid by weight for a sufficient length of time at temperatures elevated above that of the temperature of boiling water in order to chemically and mechanically disintegrate the raw materials, extracting resinous and fatty impurities with an organic solvent immiscible with water, separating the acid precipitable impurities, making the solution alkaline with a non-volatile alkali, making the solution slightly acid, making the solution ammoniacal, extracting the morphine together with certain by-alkaloids and small amounts of impurities in a single phase 3-component system of a non-volatile alkaline salt, water and a water soluble alcohol morphine solvent by an immiscible solvent containing one of the components of the single phase 3-component system, separating the morphine from the by-alkaloids and other impurities by a solution of a non-volatile alkali containing a non-volatile alkaline salt, purifying the morphine by precipitating the alkaline precipitable impurities, and extracting the morphine from the single phase 3-component system by an immiscible solvent.

20. A process for the qualitative extraction of morphine, the steps of digesting the raw materials in an aqueous solution containing from 5 to 25% acid by weight to liberate the morphine held in chemical union or chemical bond with other organic materials, neutralizing the acid and extracting the morphine from the salts so produced.

2,062,325

FACE MASK

Frank G. Manson, Dayton, Ohio

Original application June 2, 1932, Serial No. 614,985. Divided and this application August 12, 1935, Serial No. 35,719

4 Claims. (Cl. 128—141)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



2. A face mask comprising, a body portion constructed of a plurality of sections of flexible material shaped to snugly conform to and intimately contact the wearer's face when in assembled relation, said body portion being provided with eye openings and a frontal opening adjacent thereto for accommodating the nose and mouth of the wearer, a nose piece secured at its marginal edges to the periphery of said frontal opening to form a breathing chamber separate and apart from the interior of said body portion, means for supplying gases to said breathing chamber, means associated with said chamber for exhaling said gases, and an inner padded section of yieldable material completely surrounding the eye openings and adapted to snugly fit against the face to prevent gases from entering into said eye openings, said gas exhaling means comprising a pair of laterally disposed tubular members mounted exteriorly of the body portion of said mask, each member having a free air passage extending therethrough which communicates at its inner end with said breathing chamber, the outer ends of said tubular members being positioned adjacent the side edges of said mask body portion.

2,062,326

DOUBLE JAW VISE

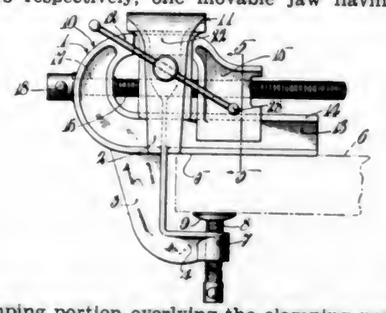
Nelson R. Minch, Woodstock, Vt., assignor of forty-nine one-hundredths to George Baxter Upham, Claremont, N. H.

Application July 30, 1934, Serial No. 737,586

10 Claims. (Cl. 81—33)

1. In a bench vise, a body having means for securing the vise to a bench, horizontal guideways formed integral with said body in the same horizontal planes and arranged at right angles, sta-

tionary vise jaws formed integral with said body in alinement with said guideways, respectively, one stationary jaw having its clamping portion overlying the clamping portion of the other stationary jaw, movable jaws guided on said guideways respectively, one movable jaw having its



clamping portion overlying the clamping portion of the other movable jaw, and the clamping portions of said movable jaws cooperating with the clamping portions of said stationary jaws respectively, and means for moving said movable jaws along said guideways with respect to said stationary jaws.

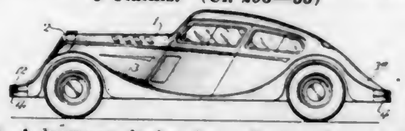
2,062,327

BUMPER DEVICE FOR VEHICLES

Willard L. Morrison, Lake Forest, Ill.

Application September 26, 1933, Serial No. 691,010

6 Claims. (Cl. 293—55)



1. A bumper device for vehicles comprising a bumper support, a body having a member above said bumper support, a blow resisting bumper element, said bumper support having a resisting device connected therewith for resisting the movement of the bumper element toward the body of the vehicle, said bumper element having a portion which projects under the body portion of the vehicle so as to maintain a substantially closed connection between the bumper and the body portion during all positions of the bumper element.

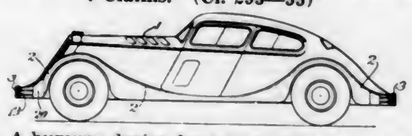
2,062,328

BUMPER DEVICE FOR AUTOMOBILES

Willard L. Morrison, Lake Forest, Ill.

Application September 26, 1933, Serial No. 691,011

7 Claims. (Cl. 293—55)



1. A bumper device for automobiles comprising a bumper element, a support for said bumper element, means for movably fastening it to said support at the end of the body portion of the automobile, a resisting device opposing the movement of the bumper element, and a flexible member connected with the bumper element and the body portion of the automobile, said flexible member extending substantially in a generally horizontal direction between the end of the body portion and the bumper element, filling the space between them, the upper face of the end portion of the body portion and of the flexible member and the bumper element forming a continuous structure.

2,062,329

THERMAL TREATMENT OF ALUMINUM ALLOYS CONTAINING COPPER

Joseph A. Nock, Jr., Tarentum, Pa., assignor to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania

No Drawing. Application April 21, 1932, Serial No. 606,756

16 Claims. (Cl. 148—21.1)

2. An article of thermally treated aluminum-copper alloy free from magnesium, containing 2 to 12 per cent copper and 0.005 to 0.1 per cent of tin, the remainder being essentially aluminum; the alloy having the structure characteristically produced by heating to over about 400° C. but below incipient fusion, cooling and thereafter artificially aging the alloy.

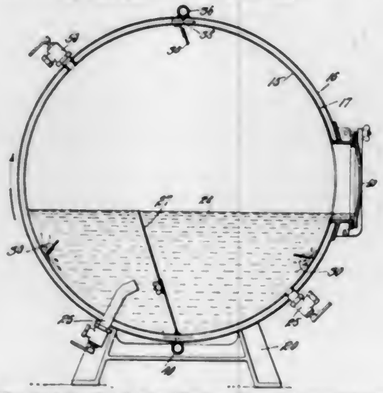
2,062,330

METHOD OF TREATING LIQUIDS

Walter Page, Scarsdale, and Burt E. Taylor, Mount Vernon, N. Y., assignors to The Borden Company, New York, N. Y., a corporation of New Jersey

Application September 13, 1934, Serial No. 743,806

4 Claims. (Cl. 99—215)



1. The method of sterilizing liquids which consists in introducing the liquid into a chamber in which there is a high vacuum while continuing to draw the vacuum in the chamber, disconnecting the chamber from the vacuumizing means, agitating the liquid, again drawing the high vacuum in the chamber, sealing the chamber, again agitating the liquid while subjecting it to the required temperature to effect pasteurization and/or sterilization, and then cooling the agitated liquid while it is still under vacuum.

2,062,331

METHOD OF TREATING CANNED LIQUIDS

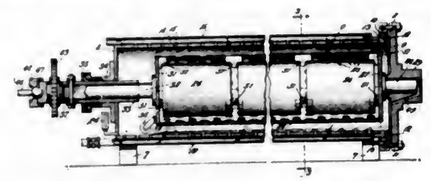
Walter Page, Scarsdale, and Burt E. Taylor, Mount Vernon, N. Y., assignors to The Borden Company, New York, N. Y., a corporation of New Jersey

Application September 6, 1935, Serial No. 39,432

6 Claims. (Cl. 53—20)

1. The method of treating liquids enclosed in containers held against movement in directions transverse to the axes of the containers, which consists in rotating the containers on their axes

to impart a centrifugal and rotary movement to their contents within the containers while subjecting the containers externally to heating and cooling media successively.



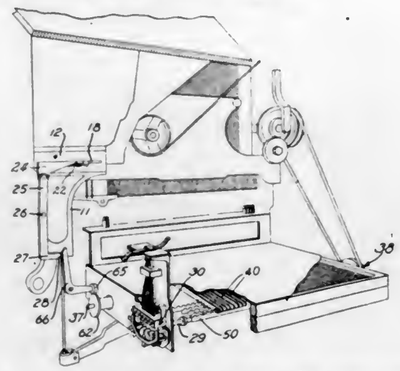
2,062,332

LINE CASTING AND COMPOSING MACHINE

Louis M. Potts, Evanston, Ill., assignor to Teletype Corporation, Chicago, Ill., a corporation of Delaware

Original application January 2, 1932, Serial No. 584,387. Divided and this application May 10, 1933, Serial No. 670,251

10 Claims. (Cl. 199—29)



1. In a linecasting and composing machine, a composing apparatus, in a matrix storage magazine including a plurality of matrices, means under the control of said apparatus for releasing said matrices, an assembling block for receiving said released matrices in two alternative positions, a selector located at the ingress portion of said block for determining into which of said positions subsequently received matrices may be admitted, and an automatic control unit including means responsive to certain signals for controlling said apparatus, and means under the control of other signals for moving said selector including a pair of coacting levers between said unit and said selector having cam engagement portions to assist in their realignment following a movement of said assembling block.

2,062,333

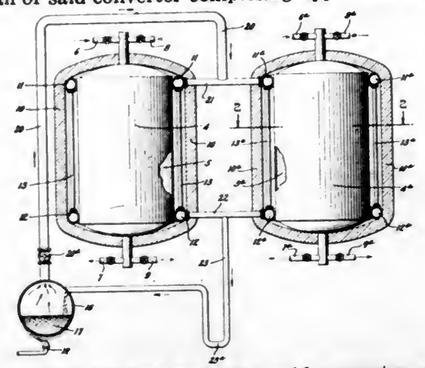
APPLICATION OF HEAT TO CONVERTERS

Thomas B. Prickett, Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del., a corporation of Delaware

Application October 19, 1933, Serial No. 694,224

4 Claims. (Cl. 196—119)

1. In combination, a converter for containing a contact mass for effecting endothermic and/or exothermic reactions, a jacket of heat insulating material enveloping said converter, and heating means mounted upon the exterior of said converter interposed between said jacket and the wall of said converter comprising upper and lower annular headers encircling said converter and spaced conduits interconnecting said headers.



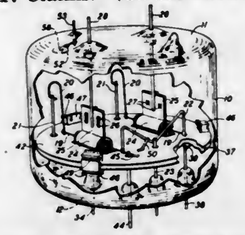
2,062,334

ELECTRON DISCHARGE DEVICE

Arthur L. Samuel, Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application October 27, 1934, Serial No. 750,287

17 Claims. (Cl. 250—27.5)



1. An electron discharge device comprising a cathode, a control electrode surrounding said cathode, an anode, and a plurality of grid electrode assemblies having electrode portions between said cathode and said anode and having other portions removed from the space between said cathode and said anode forming a condenser coupling said electrode portions.

2,062,335

GLASS METAL SEAL

Howard Scott, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania

No Drawing. Application July 5, 1929, Serial No. 376,291

14 Claims. (Cl. 176—36)

6. A vacuum tight seal between a glass containing substantially 73.8% SiO_2; 0.5% As_2O_3; 5.2% PbO; 1.0% Al_2O_3; 18.7% B_2O_3 and an iron-base alloy containing substantially 29.8% nickel, 15.5% cobalt, 0.22% manganese and less than 0.1% carbon.

2,062,336

ORNAMENTAL FABRIC AND METHOD OF PRODUCTION

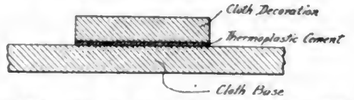
Roy W. Sexton, Wytheville, Va., assignor to Parfek, Inc., a corporation of Delaware

Application September 11, 1933, Serial No. 689,022

4 Claims. (Cl. 41—34)

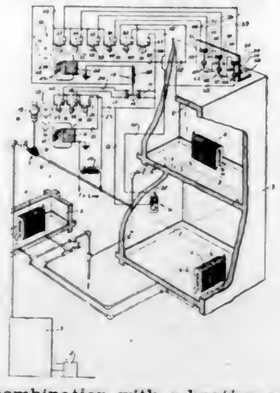
1. The method of applying a cloth decoration to a cloth base which comprises coating one surface

of a cloth layer or sheet with a thermoplastic cement comprising a cellulose xanthate and a thermoplastic resin compatible therewith, cutting a decorative design out of said layer or sheet, and



applying said design to the cloth base with the cement-coated surface against said cloth base by means of heat and pressure, the amount of cement employed being such that the resulting product is soft and pliable.

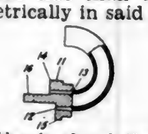
2,062,337
TEMPERATURE CONTROL SYSTEM
Duncan J. Stewart, Rockford, Ill., assignor to Howard J. Colman, Rockford, Ill.
Application January 7, 1935, Serial No. 687
7 Claims. (Cl. 236—91)



1. The combination with a heating system for a building having a regulating device movable between heat-increasing and heat-decreasing positions to govern the supply of heat to a space to be heated, a rotary element, an electric motor for rotating said element unidirectionally, a thermostat responsive to temperature changes in said space and operable when calling for heat to initiate operation of said motor, means operating after said thermostat ceases to call for heat to continue the operation of said motor and terminate the cycle of operation thereof with said element in a predetermined rest position, means responsive to the movement of said element during each cycle of operation thereof and operating to maintain said device in heat-increasing position during the initial part of the cycle and to maintain the device in heat-decreasing position during the remainder of the cycle, said thermostat acting independently of the position of said element to cause movement of said device to heat-decreasing position when the thermostat ceases to call for heat, and means responsive to temperature changes outside of the building and operating to vary the duration of the interval during which said device is disposed in heat-increasing position.

2,062,338
MACARONI DIE
Mario Tanzi, Boston, Mass.
Application January 13, 1934, Serial No. 706,515
4 Claims. (Cl. 107—14)

1. A macaroni die comprising a die plate having a plurality of perforations adapted to receive individual die elements, said die elements comprising a cylindrical shell adapted to fit in the perforations in said plate, said shell having a higher wall at one side than the other, a pin positioned symmetrically in said shell and means



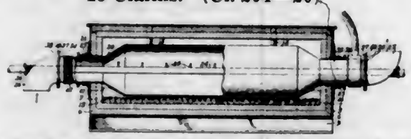
extending from the back of the shell for supporting said pin, the passage on one side of the pin through the shell being longer than on the other, the pin being symmetrically positioned however in the shell.

2,062,339
RING WELT AND METHOD OF MAKING
William C. Vizard, Brockton, Mass., assignor to Barbour Welting Company, Brockton, Mass., a co-partnership composed of Perley E. Barbour, Walter G. Barbour, and Richard H. Barbour
Application April 24, 1935, Serial No. 17,993
6 Claims. (Cl. 36—78)



1. A tubular ring welt for the complete welting of a single shoe characterized by three separable flaps at one margin and having the inner one of the three flaps broken down to lie in an oblique plane relatively to the inner face of the unslit margin.

2,062,340
MEANS FOR AND METHOD OF PRODUCING ALUMINUM
Victor M. Weaver, Niagara Falls, N. Y.; Ida Shur Weaver administratrix of said Victor M. Weaver, deceased
Application April 26, 1932, Serial No. 607,608
19 Claims. (Cl. 204—20)



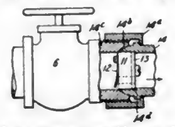
3. The method of depositing aluminum electrolytically which comprises passing electric energy through a molten electrolytic bath and adding heat energy to the bath to aid in maintaining the molten condition thereof by rotating a hollow anode in contact with the bath but spaced from the molten aluminum below the bath and burning a combustible charge in the interior of the anode.

2,062,341
HEATING SYSTEM
Herbert J. Clement Wells, Jackson Heights, N. Y.
Application August 25, 1934, Serial No. 741,395
3 Claims. (Cl. 237—9)

1. In a heating system comprising a plurality of heating elements, and inlet valves located in the supply pipes leading to said heating elements, each of said valves having an opening there-

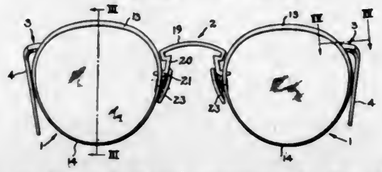
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through and a flexible element adjoining said opening and in the path of the ingoing heating medium and subjected to the dynamic pressure



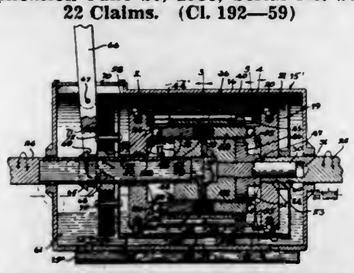
of the ingoing heating medium for closing said opening to a greater degree the more said dynamic pressure increases.

2,062,342
OPHTHALMIC MOUNTING
Joel Cheney Wells, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts
Application July 12, 1933, Serial No. 680,058
4 Claims. (Cl. 88—47)



1. In an ophthalmic mounting a pair of lens rims, said rims being divided and having means adjacent the ends for securing the ends together, said rims being thicker at the top than at the bottom and a portion of the internal side of said rims having a corrugated surface forming means for reducing light reflections, a bridge member connecting the rims on the nasal sides thereof, and temple connections on the temporal sides thereof.

2,062,343
POWER TRANSMITTING MECHANISM
William L. Wettlaufer, Buffalo, N. Y.
Application June 20, 1935, Serial No. 27,559
22 Claims. (Cl. 192—59)

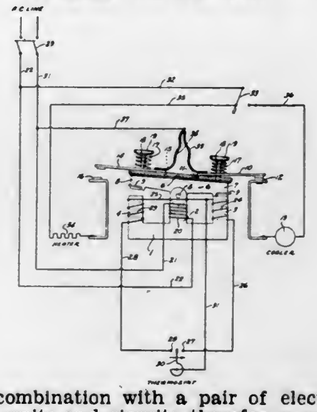


1. A mechanism of the character described including a housing, a body of a fluid medium in said housing, a driving member, a driven member, said driven member being at least partially immersed in said fluid medium and having a bore, an outlet passage leading from said bore and an intake port, opposed pistons in said bore, means carried by the said driving member for actuating said pistons, valve means which is operable during suction strokes of said pistons to permit a charge of said fluid medium to enter said bore and which is operable during the exhaust strokes of said pistons to permit said charge to enter said passage and return to said body of fluid medium and means for restricting the flow of the fluid medium from said passage, whereby to cause the driving member to rotate the driven member.

2,062,344
PROCESS FOR THE PREPARATION OF ALIPHATIC ACID HALIDES
Peter J. Wiezevich and Per K. Frolich, Elizabeth, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application August 1, 1931, Serial No. 554,594
13 Claims. (Cl. 260—123)

1. The process of producing aliphatic acid halides, which comprises reacting together a material selected from the group consisting of carbon monoxide, phosgene and carbonyl sulfide, and a material selected from the group consisting of halogenated lower aliphatic hydrocarbons and substances capable of forming same under the reaction conditions, at a temperature between the approximate limits of 300 and 900° C. in the presence of a metal harmless to the reaction, with a contact time not substantially longer than that corresponding to 0.3 seconds at 860° C. for reacting carbon monoxide with methyl chloride to form acetylchloride.

2,062,345
ELECTRICAL CONTROLLING DEVICE
Henry A. Wilhelm, Milwaukee, Wis.
Application September 27, 1934, Serial No. 745,767
4 Claims. (Cl. 175—375)



1. In combination with a pair of electrically operated units and circuits therefor, a common electrical controlling device for said two circuits comprising a metallic core provided with three legs, a primary coil wound on the center leg of said core, a secondary coil wound on each of the other legs of said core, an armature intermediately pivoted to the center leg of the core and having one end movable toward one of the secondary carrying legs of the core and having its other end movable toward the other of the secondary carrying legs of the core, means for short circuiting one or the other of said secondary coils to create a reluctance to magnetic flux in the core leg on which said short circuited secondary coil is wound, when the primary coil is energized, to thereby force the magnetic flux into the other secondary carrying core leg to attract the armature to said latter leg, a single switch means for selectively placing the circuit to one or the other of said electrically operated units in condition for operation, contact means in connection with one end of the armature for controlling the circuit to the unit which has been selected, and contact means in connection with the other end of the armature for controlling the circuit to the other electrically operated unit when said unit has been selected.

2,062,346

ADHESIVE GREASE COMPOSITION

John C. Zimmer, Hillside, and Arnold J. Morway, Roselle, N. J., assignors to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application March 21, 1935, Serial No. 12,258
5 Claims. (Cl. 87—9)

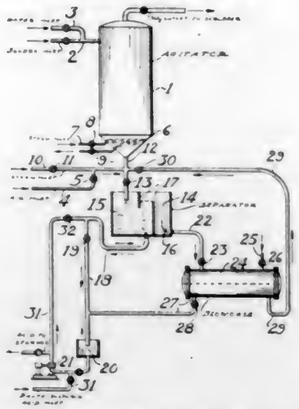
1. A grease composition comprising a lubricating oil, less than 30% of a soap of a metal selected from the group consisting of calcium and aluminum and less than 5% of a linear polymer, selected from the group consisting of polymerized isobutylene and polymerized hydroxy-stearic acid, having an average molecular weight in excess of 30,000.

2,062,347

PROCESS OF PURIFYING ACID SLUDGE

Francis M. Archibald, Elizabeth, N. J., assignor to Standard Oil Development Company, a corporation of Delaware

Application December 29, 1934, Serial No. 759,621
7 Claims. (Cl. 23—173)



2. A process of purifying sludge formed by the treatment of petroleum hydrocarbons with sulfuric acid, comprising diluting an acid sludge formed by the sulfuric acid treatment of petroleum hydrocarbons, heating the diluted acid sludge to a temperature not over 100° C., agitating the diluted acid sludge, settling the diluted acid sludge, separating a weak acid layer, separating an emulsion layer, allowing the emulsion to cool, separating the dilute acid that settles out and returning the emulsion to a separated oil layer formed by said dilution, heating, agitating, and settling.

2,062,348

BITUMINOUS PAVEMENT AND METHOD OF MAKING THE SAME

Charles M. Baskin, Montreal, Quebec, Canada, assignor to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application February 11, 1932, Serial No. 592,447
7 Claims. (Cl. 94—23)

1. The production of bituminous paving mixture that solidifies on application of heat which comprises adding a wetting agent to a priming oil having a Furol viscosity of 100 to 500 seconds at 122° F., determining the amounts of the priming oil with the wetting agent and powdered asphalt having melting points ranging from 200 to 250° F. to make a definite penetration asphalt mixture, mixing the predetermined amount of priming oil and wetting agent with a mineral aggregate, and mixing the predetermined amount of powdered asphalt with the mineral aggregate and priming oil mixture, without the addition of heat.

2,062,349

PROCESS OF MAKING ARYLAMINES

William S. Calcott and Louis S. Bake, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application September 21, 1932, Serial No. 634,197
3 Claims. (Cl. 260—130.5)

3. In a process of preparing an aromatic amine involving the reaction of an aromatic halogen compound with aqueous ammonia in the presence of a catalyst, the steps which include carrying out the reaction in the presence of a catalyst comprising essentially at least 0.05 mole of a copper compound soluble in aqueous ammonia per mole of the aromatic halogen compound in a vessel in which the parts in contact with the reaction mixture are constructed of stainless steel.

2,062,350

FUEL COATING COMPOSITION

Ejnar W. Carlson and Peter J. Wiezevich, Elizabeth, N. J., assignors to Standard Oil Development Company, a corporation of Delaware

Application November 8, 1932, Serial No. 641,700
4 Claims. (Cl. 44—6)

1. A composition of matter for coating solid carbonaceous fuels, stable against separation in dissimilar layers when allowed to stand at temperatures of about 0 to 30° F., consisting of an aqueous substantially neutral solution containing 2 to 25% of water soluble salts of sulfonic acids derived from petroleum oil acid sludge with a nitrogenous base selected from the group consisting of ammonia, amines, alkyl-amino-carbinols.

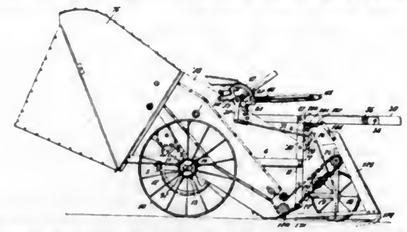
2,062,351

ADJUSTING MEANS FOR AGRICULTURAL IMPLEMENTS

Frank T. Court, Moline, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois

Original application April 30, 1934, Serial No. 723,131. Divided and this application January 18, 1935, Serial No. 2,359
21 Claims. (Cl. 56—218)

1. An agricultural implement comprising an implement frame, ground engaging supporting means carrying at least a portion of the weight of said implement, draft means movably connected with said frame, gauge means for said implement movably connected with said frame, and ad-



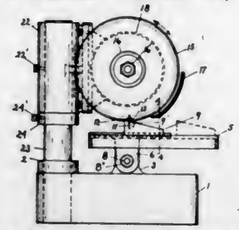
justing mechanism acting against the gauge wheel to raise the forward end of the frame and against said movable draft means to lower the forward portion of the latter so as to maintain the same substantially the same distance above the ground.

2,062,352

APPARATUS FOR GRINDING SERRATED CUTTING BLADES

Harry J. Criner, Davenport, Iowa, assignor of one-half to A. G. Bush, Davenport, Iowa

Application March 4, 1935, Serial No. 9,260
8 Claims. (Cl. 51—72)



1. A blade grinding machine comprising a fixed base, a column united thereto, a bracket adjustably mounted upon the column and slidable thereon, a collar adjustably mounted upon the column below and adjacent the bracket and slidable on the column, a motor with extended shaft mounted upon the bracket, a grinding wheel having a convex periphery keyed to the extended shaft, and means adapted to carry a blade blank to the grinding wheel and rigidly hold same straight while being ground in a succession of uniformly progressive longitudinal positions.

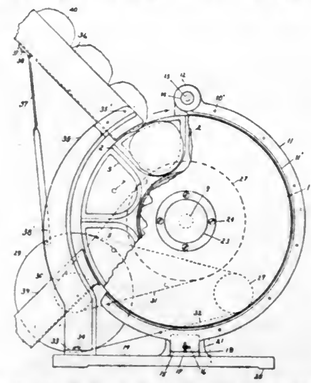
2,062,353

ROLL AND BUN SLICER

Harry J. Criner, Davenport, Iowa, assignor of one-half to A. G. Bush, Davenport, Iowa

Application April 4, 1935, Serial No. 14,653
6 Claims. (Cl. 146—72)

1. A bun and roll cutting machine comprising a frame, a circular carrier revolvably mounted upon the frame, spaced pockets formed around the periphery of the carrier separated by radial arms, longitudinal slots formed at the middle of the radial arms extending inwardly to the full depth of the pockets, a thin cutting blade mounted upon the frame extending progressively into the slots of the radial arms to the full depth thereof, means for revolving the carrier, said frame including a pair of arcuate portions L-shaped in cross section, said knife being gripped and stiffened by engagement between two arms of said L-shaped portions and the remaining arms of said L-shaped portions forming closures for those pockets into which said knife extends, a feed chute sloping downwardly to the upper part of the carrier adapted to feed buns into the carrier



pockets on edge, and spaced interior side plates adjustably mounted on the opposite sides of each of the pockets and adapted to center various sized buns relative to the cutting blade.

2,062,354

CRYSTALLIZATION INHIBITOR FOR PARAFFIN WAX IN LUBRICATING OILS

Garland H. B. Davis, Baton Rouge, La., assignor to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application April 21, 1932, Serial No. 606,765
16 Claims. (Cl. 87—9)

1. Product according to claim 12 in which the synthetic is used in proportion below about 10%, effective substantially only for pour reduction.

2,062,355

PROCESS OF TREATING LUBRICATING AND OTHER OILS

Carleton Ellis, Montclair, N. J., assignor to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application June 2, 1932, Serial No. 615,040
22 Claims. (Cl. 196—19)

1. A process which comprises dissolving petroleum oil containing wax and asphalt in a liquid tertiary alcohol, at a temperature adequate to cause solution, chilling the solution so obtained, whereby wax and asphalt are precipitated, and removing these precipitated substances from the oil.

2,062,356

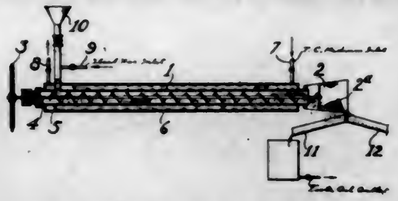
PROCESS FOR SEPARATING OIL FROM SLACK WAX

Warren D. Farr and Frank B. Samuel, Baton Rouge, La., assignors to Standard Oil Development Company, a corporation of Delaware

Application December 17, 1932, Serial No. 647,722
5 Claims. (Cl. 196—20)

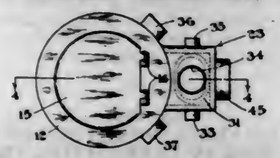
3. The process for removing oily constituents from slack wax which comprises heating the slack wax to a temperature above its average melting point, passing the molten wax through a narrow elongated passageway through which the wax is propelled by a screw conveying means and is subjected thereby to a kneading action, simultaneously progressively cooling the wax as it passes through the passageway so that at the exit it is

at a temperature below the average melting point, then discharging the mixture of wax and oil onto



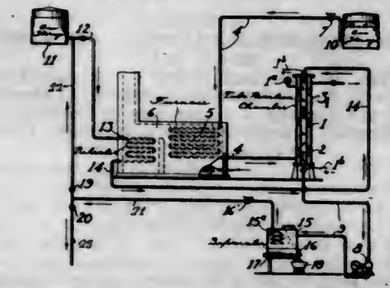
a screening means through which the oily constituents can drain off.

2,062,357
FURNACE
John F. Forman, Westmount, Quebec, Canada
Application May 17, 1935, Serial No. 22,050
In Canada April 18, 1935
7 Claims. (Cl. 122—158)



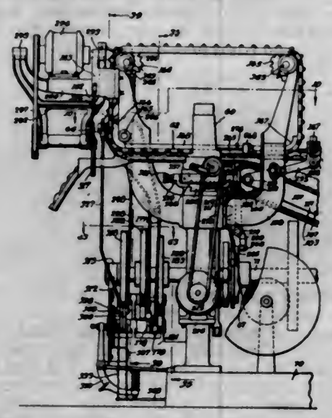
1. A furnace comprising a casing formed by inner and outer sheet metal cylinders spaced apart to define an intervening water space closed off at the lower ends of said cylinders, a fuel magazine in said casing bounded by spaced inner and outer conical shells of gradually decreasing circumference toward their lower ends, said inner shell having its upper end abutting and directly secured to the upper end of the outer casing cylinder and said outer shell having its upper end likewise abutting and directly secured to the upper end of the inner casing cylinder, the space between the lower ends of said shells being bridged by a closure ring and a single conduit connection between the lower portion of the space between said shells and an intermediate portion of the space between the casing cylinders.

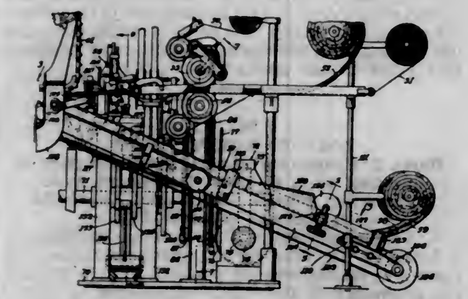
2,062,358
CARBON BLACK MANUFACTURE
Per K. Frolich, Roselle, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application September 21, 1932, Serial No. 634,124
5 Claims. (Cl. 134—60)



1. A method of making carbon black, which comprises passing a hydrocarbon gas through a reaction zone surrounded by refractory material pervious to gas but impervious to solid particles, maintaining a temperature in said reaction zone sufficient to cause decomposition of the hydrocarbon gas at least partially to carbon black, maintaining a blanket of gas on the outer surface of said refractory material, adjusting the difference between the pressure of the gas blanket and the pressure of the reaction gases so as to cause gas from the gas blanket to diffuse through said refractory mass over substantially the entire surface area thereof into said reaction chamber at a sufficient speed to counteract the tendency of carbon to deposit on those surfaces of the refractory material which define the reaction zone, withdrawing the reaction gases from said reaction zone, and separating carbon black therefrom.

2,062,359
METHOD OF AND APPARATUS FOR MAKING MATTRESS BOXING STRIPS
John F. Gail, Evanston, Ill., assignor to Simmons Company, New York, N. Y., a corporation of Delaware
Application September 21, 1931, Serial No. 563,948
19 Claims. (Cl. 112—3)

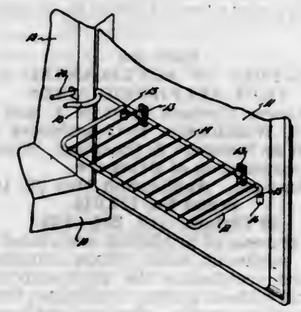




3. In a machine of the class described, the combination of means for supplying a boxing strip including outer and inner fabric strips and an interposed layer of padding material, means for supplying a padding strip of less width than said boxing strip, means for positioning said padding strip underneath a marginal portion of said boxing strip, a support for receiving said parts, means for positioning a tape strip on said support underneath said padding strip, means for advancing said boxing strip, padding strip and tape strip longitudinally in unison step by step, stitching mechanism operable during an interval of rest of said parts for tacking said boxing strip, padding strip and tape strip together at longitudinally spaced points, and means operative during such interval of rest for severing a predetermined length of said strip from its forward end portion.

19. In a machine for making mattress boxing strips, the combination of means for propelling a mattress boxing strip member, means for propelling a padding strip, means for folding said padding strip longitudinally upon itself, means for guiding said folded strip to a position adjacent a marginal portion of said member and wholly on one side of the latter, and means for uniting said folded padding strip to said boxing strip.

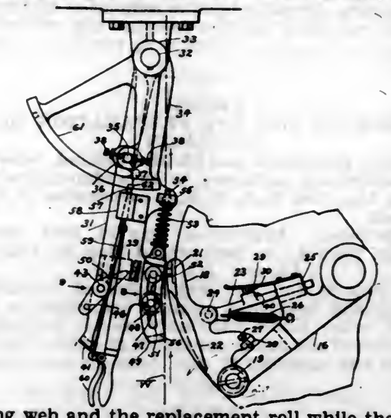
2,062,360
REFRIGERATING APPARATUS
Martin J. Goulooze, Grand Rapids, Mich., assignor to Kelvinator Corporation, Detroit, Mich., a corporation of Michigan
Application March 30, 1934, Serial No. 718,190
8 Claims. (Cl. 312—173)



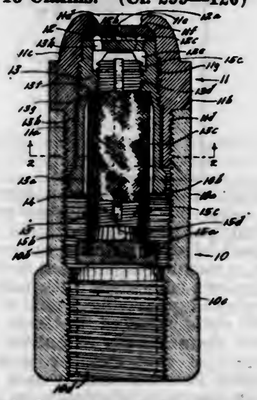
1. In combination, a cabinet having a door opening closed by a door, an auxiliary shelf hinged to the inner face of said door for swinging movement from a horizontal to an inclined position, means for supporting said shelf in its horizontal position when the door is opened, said shelf having a cam surface, and means within said refrigerator disposed in the path of said cam surface to engage said cam surface during the closing movement of said door to move said shelf from its horizontal to its inclined position.

2,062,361
WEB SUPPLY MECHANISM FOR PRINTING PRESSES
Albert J. Horton, White Plains, N. Y., and William A. Smith, Jersey City, N. J., assignors, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York
Application March 23, 1934, Serial No. 716,944
27 Claims. (Cl. 242—58)

17. In a web supply mechanism for a printing machine operating upon a web drawn from a running web roll, means adapted to support the running roll and a replacement roll in such relation that the running web may be brought into contact with the periphery of the replacement roll to adhere to an adhesive portion on its outer web end, a web deflector movable to press the running web against the replacement roll, and means to interrupt the movement of the web deflector, to prevent initial contact of the running web and the replacement roll while the adhesive portion is passing the said web deflector.

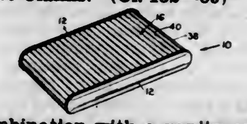


2,062,362
NOZZLE FOR OIL OR OTHER LIQUID
William A. Hubbard, Minneapolis, Minn.
Application April 21, 1934, Serial No. 721,749
15 Claims. (Cl. 299—120)



14. A nozzle having a shell and comprising a member disposed in said shell, said member having an opening extending longitudinally thereof, a cylindrical screen having one end engaging said member, a second member secured in said first mentioned member extending through said screen and having means engaging the other end thereof to hold said screen in place.

2,062,363
VANITY CASE
Jacques Kreisler, New Rochelle, N. Y.
Application February 10, 1936, Serial No. 63,161
20 Claims. (Cl. 132—83)



1. The combination with a vanity case having a slidable cover and a powder receptacle, of a mirror mounted in said case for movement from

retracted position between said cover and receptacle to projected position beyond said receptacle, and means operative upon movement of said mirror to projected position to cause the mirror to assume an angular position in relation to said cover.

2,062,364
PROCESS FOR THE PREPARATION OF COUMARIN

Gustave Kretchmar and Charles Collaud, Geneva, Switzerland, assignors to Givaudan-Delawanna, Inc., New York, N. Y., a corporation of New York

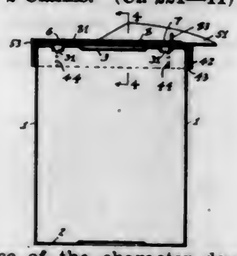
No Drawing. Application May 10, 1934, Serial No. 724,944. In Switzerland May 12, 1933
3 Claims. (Cl. 260—123)

1. Process for the preparation of coumarin comprising heating a mixture consisting of dichlor ortho cresol carbonate, acetic anhydride and one of the group consisting of oxides, carbonates and chlorides of zinc, bismuth and cobalt.

2,062,365
COVER AND DISPENSER FOR MILK CANS AND THE LIKE

Robert H. Lehew, Highland Park, Mich.

Application October 29, 1935, Serial No. 47,277
2 Claims. (Cl. 221—11)



1. A device of the character described comprising a cover having a substantially flat top and a cylindrical rim adapted to fit over a container, a pair of diametrically opposed openings in said top, a member superposed upon said cover having openings coincident with said first-mentioned openings and having a pair of upstanding convergent walls adapted to form a spout, a longitudinal, diametrically extending recess upon the underside of said member, and a strip of metal slidably received within said recess having a pair of openings adapted to be brought into coincidence with the openings in said cover and to be moved out of coincidence therewith to form a closure for said last-mentioned openings.

2,062,366
ASPHALTS OF LOW SUSCEPTIBILITY TO TEMPERATURE CHANGE

Charles Mack, Sarnia, Ontario, Canada, assignor to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application July 14, 1934, Serial No. 735,200
2 Claims. (Cl. 196—74)

1. Method of producing improved asphalts of low susceptibility to temperature change comprising reducing an asphalt containing crude to a residue solid at ordinary temperature, withdrawing a portion of reduced product, blowing the same to a softening point of the order of about 370° F. and a resin content of not over about 20%, continuing the distilling of the initial residue to obtain a product having a softening point of the order of about 100° F., recovering the heavy oil distillate, and then blending the oxidized residue in minor proportion with a major proportion of the unblown residue to produce a final blended product.

2,062,367
PISTON RING

Charles A. Marien and Melvin W. Marien, St. Louis, Mo., assignors to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo., a corporation of Missouri

Application December 3, 1934, Serial No. 755,656
2 Claims. (Cl. 309—45)



1. A piston packing ring comprising a split ring of L-shape cross-section embodying a horizontal component and a vertical component, the outer faces of said components lying in a common surface and forming a continuous working face, said horizontal component having a plurality of circumferentially disposed openings, and the vertical component having a circumferentially disposed groove formed in its outer face.

2,062,368
PRODUCTION OF ACETYLAMINO-NAPHTHOL-SULPHONIC ACIDS

George Maurer, Carneys Point, N. J., and Stanley G. Ford, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

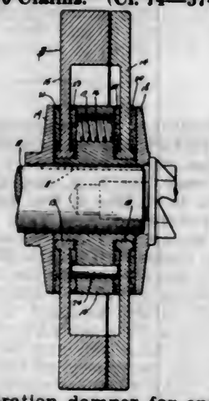
No Drawing. Application May 22, 1934, Serial No. 727,010
10 Claims. (Cl. 260—124)

1. The process of producing acetylated aminonaphthol sulphonic acids which comprises dissolving and acetylating the aminonaphthol sulphonic acid without making it alkaline, then making the reaction product alkaline, and heating the alkaline product to remove by-products.

2,062,369
ENGINE

Andre J. Meyer, Detroit, Mich., assignor to Continental Motors Corporation, Detroit, Mich., a corporation of Virginia

Application June 11, 1929, Serial No. 370,085
10 Claims. (Cl. 74—574)



7. In a vibration damper for engine shafts, a hub adapted to be secured to the engine shaft,

a plurality of solid inertia members constructed of different masses supported for relative rotatable movement about said hub, friction means for resisting rotation of the inertia members with respect to said hub, and spring means for yieldingly engaging said inertia members with said friction means.

2,062,370
CARBON COATED OBJECTS AND METHOD OF MAKING THE SAME

Henry J. Miller, Maplewood, N. J., assignor to Radio Corporation of America, a corporation of Delaware

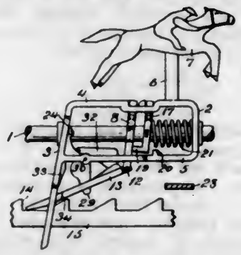
No Drawing. Application May 18, 1934, Serial No. 726,291
9 Claims. (Cl. 250—27.5)

1. The method of producing a coating of pure microcrystalline carbon on a carbon base which comprises subjecting the carbon base to temperatures of from 900° to 1400° C. in an atmosphere of gas containing some oxygen to clean the base and then heating the carbon base at from 800° to 1500° C. in an atmosphere of gas containing aliphatic hydrocarbons and saturated with water vapor.

2,062,371
RACING AMUSEMENT APPARATUS

Clarence W. Musser, Kansas City, Mo.

Application August 10, 1936, Serial No. 95,144
15 Claims. (Cl. 46—119)



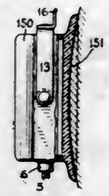
1. In a device of the kind described, in combination, a supporting bar, a racing figure carrier mounted for travel thereon, two locking members, one separate and distinct from and in front of the other, engaging and movable with said carrier and slidable on said bar and tiltable thereon into and out of locking engagement therewith, and means for moving said locking members from locking engagement with said bar.

2,062,372
BONE CONDUCTION HEARING AID

Emmanuel Christ Nicholides, New York, N. Y., assignor, by mesne assignments, to Sonotone Corporation, New York, N. Y., a corporation of New York

Application August 11, 1933, Serial No. 684,712
7 Claims. (Cl. 179—107)

2. In a portable bone-conduction hearing-aid device, a bone conduction receiver, suitable for inconspicuous wear by a deafened, having two relatively movable vibratory sections, means for exposing said sections to the action of electric sound-frequency oscillations producing a vibratory motion between said sections, and coupling means for coupling one vibratory section to sound-inducing bone structure outside the ear canal of the user, said coupled vibratory section constituting a casing carrying said other vibratory structure in a floating condition within said casing, said floating vibrator section having sufficient inertia for exerting hearing-inducing reaction forces on a wall of said casing, said wall having a

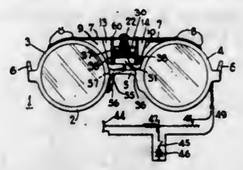


coupling surface larger than the overlying cross sectional area of said casing shaped to impart under the action of said reaction forces hearing inducing forces to spaced portions of said bone structure.

2,062,373
HEARING AID BONE VIBRATOR

Emmanuel Christ Nicholides, New York, N. Y., assignor, by mesne assignments, to Sonotone Corporation, New York, N. Y., a corporation of New York

Application August 25, 1933, Serial No. 686,698
1 Claim. (Cl. 179—107)



In a hearing aid device, a bone-conduction receiver comprising a first magnetic core member of relatively small mass, a second magnetic core member of substantial mass resiliently joined to said first core member and constituting therewith a low reluctance magnetic flux path spaced by a gap, energizing windings interlinked with said flux path for producing a vibratory motion of audible frequency between said core members across said gap, and a spectacle frame carrying said core members having a contact surface engaging hearing-inducing bone structure, said first core member being joined to said frame for transmitting hearing-inducing vibrations from said first core member to said bone structure and limiting the amplitudes of the vibrations of said first core member, said frame having a junction to said second core member limiting its movement and preventing freezing of said core members across said gap.

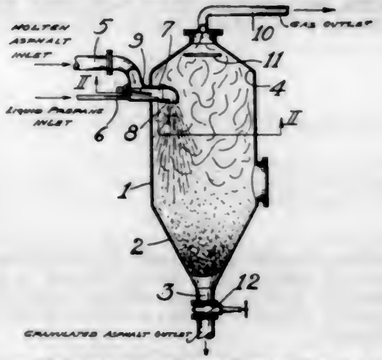
2,062,374
METHOD FOR COOLING AND GRANULATING ASPHALT

Henry M. Noel, Paris, France, assignor to Standard Oil Development Company, a corporation of Delaware

Application August 18, 1934, Serial No. 740,419
5 Claims. (Cl. 83—91)

1. The process for manufacturing granulated particles of asphalt, which comprises mixing and passing molten asphalt and a liquid hydrocarbon which has a boiling point below 0° C. into the upper portion of an enlarged container, regulating the amount of asphalt and the liquid hydrocarbon passed into the enlarged container so that the asphalt is cooled sufficiently to be com-

pletely solidified into small brittle particles and the liquid hydrocarbon gasified, and separately

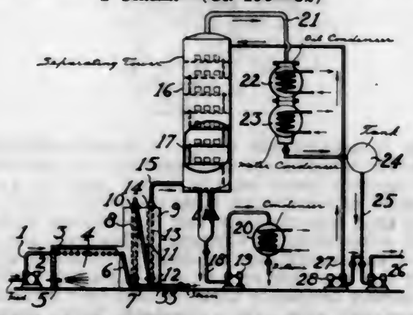


removing the granulated small particles of asphalt and hydrocarbon gas.

2,062,375
METHOD OF DISTILLING FLUIDS AT LOW TEMPERATURES

John W. Packie, Green Village, and Daniel E. Stines, Plainfield, N. J., assignors to Standard Oil Development Company, a corporation of Delaware

Application March 6, 1933, Serial No. 659,594
1 Claim. (Cl. 196—82)

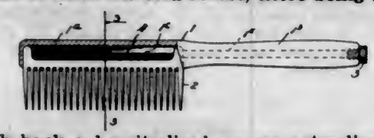


Method of distilling low boiling liquid hydrocarbons of the type of cracked distillate, without substantial cracking and polymerization due to high pressure drop, comprising forcing the liquid in a single stream of restricted cross section, raising the temperature of said stream to a point just short of substantial vaporization, dividing said stream into a plurality of parallel streams, continuing application of heat to said parallel streams to effect vaporization in the order of 10% of the preheated oil, then combining said streams into a single stream of enlarged cross section, dividing the stream into another plurality of parallel streams, continuing application of heat to said streams to effect vaporization to a total of about 41% of the original oil, again combining said streams into one stream of enlarged cross section, supplying additional heat to said stream under refluxing conditions in a separation zone to effect a total vaporization of about 86.6% of the original oil, and separating the liquid from the vapors in said zone.

2,062,376
FOUNTAIN COMB

Franklin E. Raymond, Santa Monica, Calif.
Application October 8, 1935, Serial No. 44,026
7 Claims. (Cl. 132—13)

1. A fountain comb comprising, a frame recessed to form a reservoir for a liquid, and a comb the back of which is tightly seated in said frame to close the said recess, there being in the



comb back a longitudinal groove extending into the roots of the comb teeth to form restricted passages from said reservoir to the teeth of the comb.

2,062,377
PROCESS FOR THE REMOVAL OF GUM-FORMING CONSTITUENTS, SULPHUR COMPOUNDS AND COLOR COMPOUNDS FROM NAPHTHA

Helmuth G. Schneider, Elizabeth, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application January 10, 1934, Serial No. 706,073
3 Claims. (Cl. 196—44)

1. The process of treating naphtha for the production of gasoline of improved color and reduced sulphur content and gum-forming tendency which comprises agitating the naphtha with a treating agent belonging to the class consisting of boron fluoride and boron fluoride dissolved in sulphuric acid in the absence of other treating agents of acid nature, the boron fluoride being employed in an amount ranging from 0.06 to 0.15 lb. per barrel of naphtha, and separating the sludge formed from the naphtha.

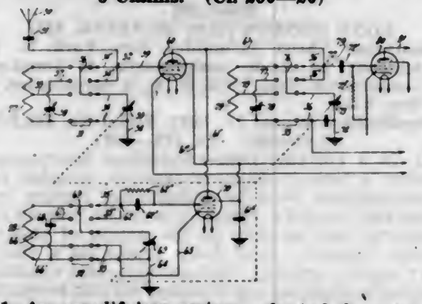
2,062,378
SOLVENT FOR RESINS

William Seaman, Glens Falls, N. Y., assignor to Standard Oil Development Company
No Drawing. Application November 16, 1931, Serial No. 575,465
13 Claims. (Cl. 134—26)

7. Composition of matter comprising a solution containing a resin and a compound of the formula RS_nR', in which R and R' are hydrocarbon radicals and n is any integer.

2,062,379
RADIO RECEIVER

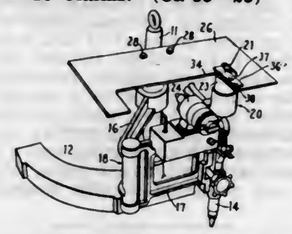
McMurdo Silver, Chicago, Ill., assignor to Glen's Patents and Holdings, Inc., New York, N. Y., a corporation of Delaware
Application November 30, 1934, Serial No. 755,432
6 Claims. (Cl. 250—20)



1. An amplifying system adapted for use in radio receivers, comprising, in combination, a selected set of stages each having removable inductive windings, a tuning agent having variable elements of capacitance associated individually with said removable windings, said removable windings being provided with terminal contacts disposed in sets of groups, the number of groups in a set corresponding to a predetermined number of desired operative positions of said removable windings, one group of each set of terminal contacts providing for the connection of an element of capacitance with the whole of the associated inductive winding, another group of each set providing for the connection of said element of capacitance with a part of said associated inductive winding, a set of stationary contact members disposed to make contact selectively with a set of groups, and means for mounting said set of removable windings to be movable as a unit into one or another of said operative positions whereby said windings may be moved at will from a position for tuning by full movement of said tuning agent over a full band of selected frequencies or only a desired portion thereof.

2,062,380
TEMPLATE

Donald L. Smith, Dunellen, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y., a corporation of New York
Application March 13, 1936, Serial No. 68,647
13 Claims. (Cl. 33—23)



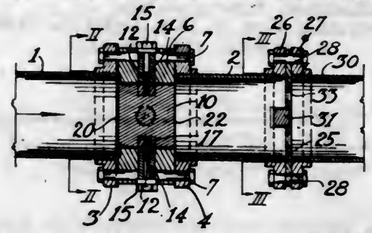
1. A template comprising a plate having two guide edges in angular relation with one another, a finger connected to the plate and movable to bring an edge of said finger into line with one of said guide edges, and another finger connected to the plate and movable to bring one of its edges into line with the other of said guide edges.

4. In a template for a magnetic template-follower, two guiding surfaces for simultaneously contacting a follower roller at different points around the circumference of the roller, means for causing the roller to travel along one of said surfaces and slip on the other surface, means movably supporting said other surface so that it continues to adhere to the roller as the roller travels along the first surface, and means for causing the roller to travel along said other surface as its guide after the roller reaches a predetermined point.

2,062,381
FRANGIBLE SHEAR TYPE SAFETY VALVE

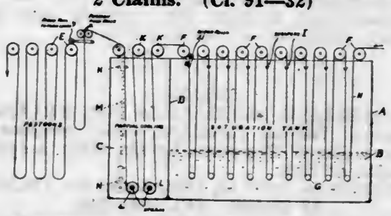
Richard W. Tryon, Cranford, and George M. Booth, Roselle, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
Application September 14, 1935, Serial No. 40,616
3 Claims. (Cl. 220—89)

1. A pressure release device, comprising a casing having an inlet for fluid under pressure and having an outlet, a frame extending transversely across the casing between the inlet and outlet, shear pins extending transversely from the casing into engagement with the frame securing the frame to the walls of the casing, flexible frangible diaphragms extending transversely across the casing on opposite sides of the frame and supported by the frame in fluid-tight relation with respect to the casing until increase of fluid pressure on the inlet side of the diaphragms effects rupture of the shear pins and diaphragms to permit escape of fluid through the outlet.



2,062,382
APPARATUS FOR SATURATING MATERIAL

John H. Weller, Narberth, Pa., assignor to The Barber Asphalt Company, Philadelphia, Pa., a corporation of West Virginia
Application May 18, 1932, Serial No. 611,956
2 Claims. (Cl. 91—32)



1. Apparatus for saturating strip material, including in combination a saturating tank adapted to contain a body of saturant maintained in a fluid condition by heat, an absorption chamber adapted to receive the flooded strip as discharged from the saturating tank and to maintain it out of contact with the body of saturant, means for passing a flooded strip through the absorption chamber in a sinuous path, a festooning mechanism adapted to receive the strip from the absorption chamber, and means operative to partially remove excess saturant from the surface only of the strip prior to its entering into the absorption chamber.

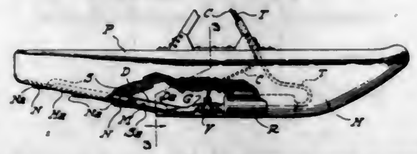
2,062,383
SCREW AND SCREW DRIVER FOR THE SAME

Maxwell A. West, Portland, Oreg.
Application March 1, 1933, Serial No. 659,070
3 Claims. (Cl. 85—45)



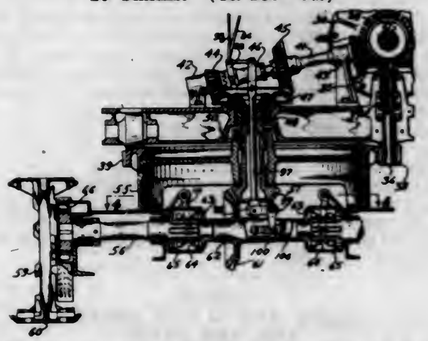
1. A new article of manufacture comprising a body member having a helical thread disposed about its outer surface and provided at one end with a head, the head having disposed therethrough a hole coaxial with the body member, said hole comprising a shallow countersink, followed by a frusto-conical portion adapted for engagement by a tool and terminating in a cylindrical portion, said cylindrical portion affording clearance for the point of the tool.

2,062,384
SEAPLANE PONTOON
Loren Jay White and Clarence W. Munn, Milwaukee, Wis., assignors of one-fourth to Della M. Huelsbeck, Milwaukee, Wis.
Application April 29, 1935, Serial No. 18,808
2 Claims. (Cl. 114—67)



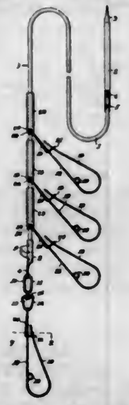
1. A pontoon structure incorporating a pressure force reservoir; a tapering keel-following conduit leading from said reservoir; relatively reduced branch passages continuing laterally the service offered by said conduit; singular, flared, and, relatively enlarged nozzle formations terminating said conduit and said passages; slit openings providing a restricted discharge orifice for each of the said nozzles; said orifices disposed to be coincident to the transverse curvature of the pontoon's outer hull surface; and a valve element between said reservoir and said conduit responsive to remote control means, selectively directing the replenishing product of said reservoir, for unobstructedly uniting said reservoir and said conduit within the aforesaid pontoon.

2,062,385
PROPELLING MECHANISM FOR TRUCKS
Emery J. Wilson, Cleveland, Ohio, assignor to Thew Shovel Company, Lorain, Ohio, a corporation of Ohio
Application April 12, 1934, Serial No. 720,278
10 Claims. (Cl. 180—9.2)



3. In a machine of the class described, a truck, aligned propelling shafts suspended from the truck, a turntable rotatably mounted on the truck, a source of power on the turntable, a vertical shaft having its axis lying in the axis of rotation of the turntable and provided with a beveled gear fixed to an end of the shaft projected above the turntable, a shaft inclined relative to the plane of rotation of the beveled gear and adapted to be reversibly driven by the source of power, spaced beveled pinions rotatably mounted on the inclined shaft meshing with the beveled gear and adapted to be selectively coupled to the said inclined shaft whereby the coupled pinion will transmit the entire propelling power for the vehicle, and a manually operable means on the turntable whereby the vertical shaft may be selectively coupled with the aligned propelling shafts.

2,062,386
FISH STRINGER
John M. Withey, Howell, Mich., assignor to Leora M. Wickman, Howell, Mich.
Application May 4, 1936, Serial No. 77,817
2 Claims. (Cl. 224—7)



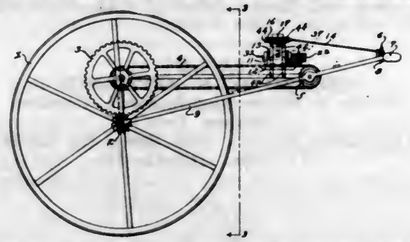
1. In a fish stringer, an elongated cord having a metal needle at one end and a metal retainer with a tubular portion permanently secured to the other end, a sleeve member sleeved on said cord and having an internal diameter smaller than the external diameter of said tubular portion whereby it is retained thereon by said retainer, the end of said retainer providing a bearing for the end of said sleeve to permit free rotation thereof around said cord, said sleeve having an outwardly projecting portion at one end thereof formed with an opening, and a fish holding element having means extending through said opening and retaining it with respect to said sleeve.

2,062,387
PROCESS FOR THE ALTERATION OF EGG WHITE
Arnold K. Balls, Washington, D. C., and Theodore L. Swenson, Chevy Chase, Md., dedicated to the free use of the Public in the territory of the United States of America
No Drawing. Original application March 6, 1934, Serial No. 714,277. Divided and this application July 21, 1936, Serial No. 91,718
2 Claims. (Cl. 99—210)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

2. In the process of manufacturing dried egg white the step of mixing benzoyl-glycine with the egg white at a temperature not exceeding 40° C.

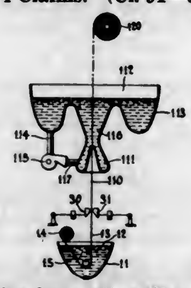
2,062,388
DEVICE FOR MEASURING LAND
Maurice R. Bentley and Roy R. Reppert, Bryan, Tex.
Application February 21, 1936, Serial No. 65,076
1 Claim. (Cl. 33—124)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

In an apparatus of the character described, comprising a frame; a ground contacting wheel axially mounted thereon; a small gear affixed to the hub of said wheel; a large gear in engagement with said small gear; a sprocket affixed to the hub of said large gear; a sprocket mounted on said frame; a chain belt adapted to connect said sprockets; a roller wheel assembly, comprising upright supports mounted on said frame, a plate affixed to said supports and adapted to contact the under side of said belt, an upwardly mounted plate affixed to said support; a vertical post affixed to said plate, axles mounted axially at right angles on said post, roller wheels mounted on said



axles and adapted to frictionally contact and to be activated by said belt, plates mounted on said axles, means adapted to contact the inner side of said roller wheels and said plates, a disk mounted on one of said axles; a counting wheel adapted to be frictionally revolved by said plate; and means for orienting said roller wheel assembly.

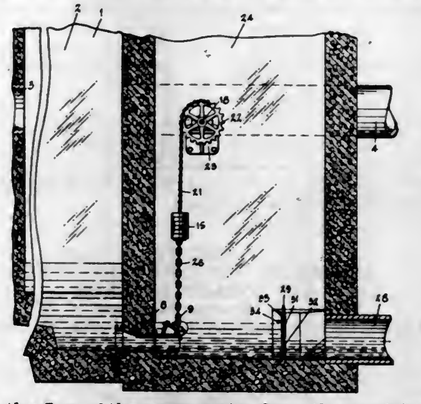
2,062,389
APPARATUS FOR COATING FIBERS
Ernst Bleibler, Gent, Belgium
Application May 21, 1932, Serial No. 612,814
In Germany May 21, 1931
4 Claims. (Cl. 91—32)



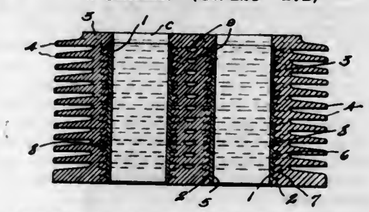
3. In a device for coating filaments of natural fibers with liquid cellulose derivatives, a strickling device comprising at least two individual members of rigid material and resilient means for urging said members against said filament under a light touch, at least one of said members being arranged for movement relative to the other in a path removing each point of its filament contacting surface from the path of the filament upon any thickening of the filament passing the contact point, whereby the filament contacting surfaces of the members are adapted to constantly follow unevenness of the moving filament with a substantially constant contact touch, a bath of liquid coating material disposed at a distance below said strickling device, a bath of liquid coagulating material disposed at a distance above said strickling device, means associated with said coagulating device for freely introducing the filament into the coagulating bath from below there being no rigid parts in the path of filament between the upper level of the coating bath and the lower level of the coagulating bath, said strickling device excepted.

2,062,390
SEWAGE REGULATOR
Chalmers S. Brown, Lima, Ohio
Application April 30, 1936, Serial No. 77,077
3 Claims. (Cl. 137—78)

3. In a sewer water control, a structure having a sewer receiving chamber and a float chamber and a port interconnecting the lower ends of the chambers, the receiving chamber having a sewer inlet pipe and the float chamber having a sewer outlet pipe, an orifice plate located intermediate the float chamber and the outlet pipe and having an orifice smaller than the interior cross-sectional area of the outlet pipe, a gate valve for controlling the flow of the sewer water from the receiving chamber to the float chamber, a float located in the float chamber for operating the gate according to the level of the water in the float chamber and coacting in conjunction with the restricted orifice to maintain a substantially constant head as between the water in the float chamber and the water in the outlet pipe.



2,062,391
CYLINDER CONSTRUCTION FOR AIR COOLED INTERNAL COMBUSTION ENGINES
Charles S. Brown, Syracuse, N. Y.
Application September 4, 1934, Serial No. 742,627
2 Claims. (Cl. 123—171)

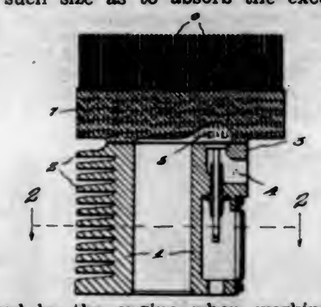


1. An air cooled internal combustion engine cylinder construction comprising a liner having thin flexible integral heat radiating fins on the periphery thereof and a body of metal having greater heat conductivity than the metal surrounding the liner and the fins thereon and in which the liner and the fins are embedded, the portions of the periphery of the liner between the flexible fins being concave providing grooves with the rounding bottoms between the flexible fins, the sides of the fins curving into the margins of the rounding bottoms of the grooves.

2,062,392
CYLINDER CONSTRUCTION FOR AIR-COOLED ENGINES
Charles S. Brown, Syracuse, N. Y.
Application September 12, 1935, Serial No. 40,301
4 Claims. (Cl. 123—171)

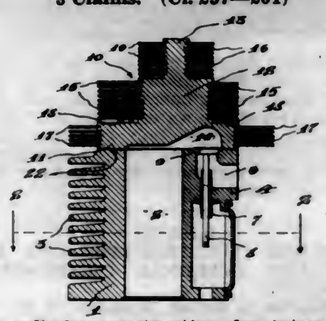
1. A cylinder head construction for internal combustion engines comprising a block of metal

having relatively high heat conductivity and being of such size as to absorb the excess heat



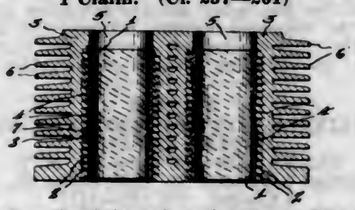
generated by the engine when working under abnormal conditions of load.

2,062,393
CYLINDER CONSTRUCTION FOR AIR COOLED ENGINES
Charles S. Brown, Syracuse, N. Y.
Application September 11, 1935, Serial No. 40,127
3 Claims. (Cl. 257—261)



1. A cylinder construction for internal combustion engines comprising a head block of a metal having relatively high heat conductivity, said head including a mass of metal greater than required to give the required strength to the combustion chamber to provide an excess heat storage block, the body of said storage block being wider at its base than at its top and its outer surface being formed stepped, the body of the storage block being formed with sheet metal heat storage and radiating fins of substantially the same metal as the block and extending from the risers of the step formation.

2,062,394
CYLINDER BLOCK FOR AIR COOLED INTERNAL COMBUSTION ENGINES
Charles S. Brown, Syracuse, N. Y.
Application November 27, 1934, Serial No. 755,030
Renewed May 15, 1936
1 Claim. (Cl. 257—261)



An air cooled internal combustion engine cylinder block comprising a liner having external spiral flanges extending from end to end thereof, and a body of a metal having greater heat conductivity and coefficient of expansion than the metal of the liner in which body the liner and its flanges are embedded and to which the liner and its flanges are united by a thermal and mechanical joint, said flanges being of knife-blade thinness and more or less flexible.

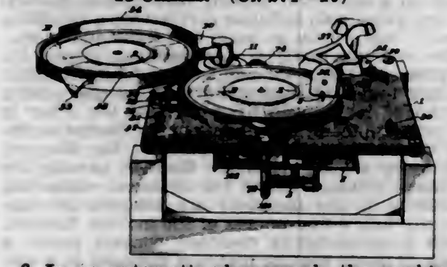
2,062,395
ORTHODONTIC APPLIANCE
Archie B. Brusse and Joseph L. Carman, Denver, Colo.
Application May 15, 1934, Serial No. 725,742
7 Claims. (Cl. 32—14)



1. As an article of manufacture, an orthodontic anchor band comprising a seamless tubular band open at both ends, the planes of the upper and the lower edges being inclined with respect to the axis of the band, one edge of the band being beveled inwardly to engage a grinding surface of a tooth to which it is applied.

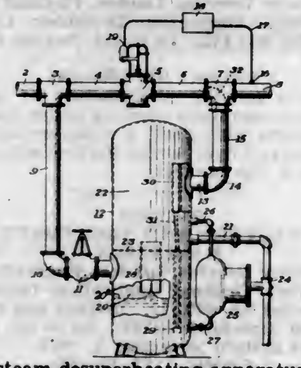
3. As a new article of manufacture, an archwire support for orthodontic bands comprising a single plate formed into a tube portion to receive an orthodontic arch, and oppositely disposed flanges for fastening the article to an orthodontic band, projecting tangentially from the tube, in a direction transversely of the longitudinal axis of the tube, and in planes parallel with the axis of the tube, said portion projecting longitudinally beyond said flanges.

2,062,396
AUTOMATIC PHONOGRAPH
Benjamin R. Carson, Camden, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application May 24, 1932, Serial No. 613,198
15 Claims. (Cl. 274—10)



6. In an automatic phonograph, the combination of a turntable, a pivoted record magazine adapted to receive a stack of records and to swing said stack to and from a position over said turntable, a yieldably mounted record dislodging lever disposed in the path of movement of said magazine, said lever being depressed by the lowermost record of said stack as said magazine moves toward a position in coaxial alignment with said turntable, means on said magazine displaced from the lowermost record substantially the thickness thereof for engaging said lever after the magazine has moved with said lowermost record beyond said lever and into a position in co-axial alignment with said turntable to maintain said lever in position to engage the peripheral edge of said lowermost record whereby to prevent movement of said lowermost record from a position in co-axial alignment with said turntable when said magazine returns to its normal position, and guide means integral with the periphery of said magazine adapted to cooperate with said lever and magazine to maintain said lowermost record located over said turntable.

2,062,397
APPARATUS FOR DESUPERHEATING STEAM
Willard P. Chandler, Jr., Pittsburgh, Pa., assignor to Blaw-Knox Company, Pittsburgh, Pa., a corporation of New Jersey
Application August 20, 1934, Serial No. 740,555
4 Claims. (Cl. 122—479)



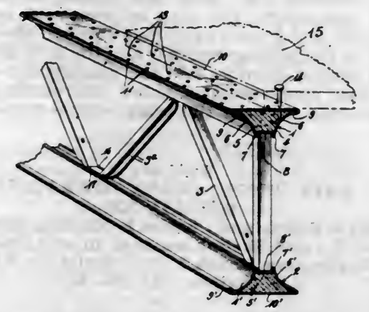
1. A steam desuperheating apparatus comprising a main steam conduit, a contact unit for effecting contact between a liquid therein and the steam passing therethrough, the arrangement of the contact unit being such that the pressure drop therethrough may be regulated by controlling the liquid level therein, means for supplying water to said unit, means for passing a portion of the superheated steam from said main conduit through said unit, whereby said portion is at least partially desuperheated, means for returning said treated steam to and mixing it with the steam passing through said main conduit, whereby partial desuperheating of said steam to the desired extent is effected, and a regulator for regulating the amount of water in said unit to maintain a substantially constant steam pressure drop therein.

2,062,398
STUD
Edwin D. Coddington, Milwaukee, Wis., assignor to Reynolds Corporation, New York, N. Y., a corporation of Delaware
Application November 1, 1935, Serial No. 47,866
5 Claims. (Cl. 72—115)



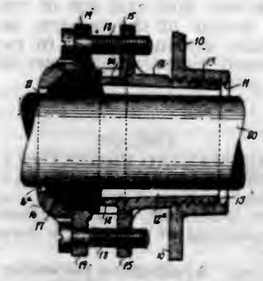
1. A stud comprising paired opposed arcuate members of nail-penetrable material having terminal tangential flanges, and a nailable cementitious core enclosed by said members and their flanges, the flanges of said members being associated in reverse overlapped relation.

2,062,399
JOIST
Edwin D. Coddington, Milwaukee, Wis., assignor to Reynolds Corporation, New York, N. Y., a corporation of Delaware
Application November 1, 1935, Serial No. 47,867
9 Claims. (Cl. 72—61)



1. A joist comprising a pair of chords, a web supporting the chords in parallel spaced relation, said chords each being composed of a sheet metal casing enclosing a nailable core and said web comprising a continuous channel bent so as to extend back and forth between the chords and the sides of said channel being folded inwardly upon itself to provide a double thickness of metal at the points of junction of said channel with the chords.

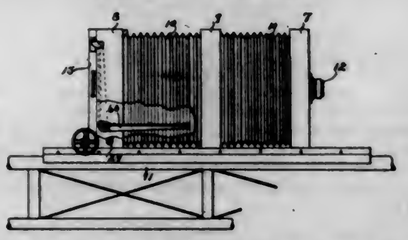
2,062,400
WATERTIGHT BOX CONNECTER
Paul N. Dann, New Haven, Conn., assignor to The Rattan Manufacturing Company, New Haven, Conn., a corporation of Connecticut
Application November 1, 1935, Serial No. 47,808
1 Claim. (Cl. 247—18)



A water-tight connecter for electric-connection boxes comprising: a hollow clamping-hood having a cable-hole therethrough, a flange at one end, a pair of ears spaced back from the front edge of said flange, and slots in and extending through the front edge of said flange in front of said ears; a sealing-member of readily-deformable material and having a cable-hole therethrough and adapted to fit in said clamping-hood; a compression-member having a cable-hole therethrough, a compression-flange adapted to fit within the flange of said clamping-hood, and a

pair of ears adapted to fit within said slots, said compression-member being adapted to be connected to a plate of a box provided with a cable-hole through the plate and with said sealing-member between said clamping-hood and said compression-member and with said cable-holes of the clamping-hood, sealing-member, compression-member and plate in general alignment; and adjustable clamping-bolts threadedly connecting the ears of said clamping-hood and compression-member and adapted to be adjusted to compress said sealing-member between the clamping-hood and the compression-flange of the compression-member and cause said sealing-member to seal water-tight, the area between said sealing-member and a cable extending through the cable-hole of the sealing-member and the area between said sealing-member and the compression-flange of the compression-member surrounding the cable-hole through the compression-member.

2,062,401
HALF TONE SCREEN OPERATING MECHANISM
William Disque and Charles E. Skelton, Syracuse, N. Y.; said Skelton assignor to said Disque
Application March 7, 1935, Serial No. 9,818
10 Claims. (Cl. 95—81)



6. The combination of a camera, a plate holder mounted in the rear box of the camera, a frame mounted in the rear box and being adjustable toward and from the plate holder, a screen holding frame pivotally mounted upon said first mentioned frame, and mechanism for moving said screen holding frame about its pivot to bring the screen into and out of register with the optical system of the camera, said mechanism including gearing carried in part by said first mentioned frame and in part by the rear box of the camera.

2,062,402
PROCESS OF MAKING PRODUCTS COMPRISING DERIVATIVES OF CELLULOSE
Camille Dreyfus, New York, N. Y., and George Schneider, Montclair, N. J., assignors to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application December 3, 1931, Serial No. 578,738
6 Claims. (Cl. 18—57)

1. Process for the production of organic derivative of cellulose films having improved properties which comprises casting such films from a solution of a substantially anhydrous organic derivative of cellulose in a substantially anhydrous volatile solvent, which solution contains a water-miscible, relatively non-volatile solvent in a proportion up to 10%, based on the weight of the organic derivative of cellulose, to prevent formation of a precipitating medium at any stage of the film forming process.

2,062,403
CELLULOSIC COMPOSITION
Henry Dreyfus, London, England
No Drawing. Application September 3, 1932, Serial No. 631,737. In Great Britain October 13, 1931
5 Claims. (Cl. 106—40)

1. A composition of matter comprising an organic substitution derivative of cellulose, and a halogen nuclear substituted phthalic acid esterified solely with an alcohol selected from the group consisting of methyl, ethyl, amyl, cetyl and benzyl alcohols.

2,062,404
MANUFACTURE OF CYCLIC ETHERS OF POLYHYDRIC ALCOHOLS
Henry Dreyfus, London, England
No Drawing. Application December 15, 1932, Serial No. 647,432. In Great Britain January 5, 1932
3 Claims. (Cl. 260—54)

1. Process for the manufacture of a cyclic ether, which comprises reacting under dehydrating conditions with itself a mono-organic ester of glycerine and hydrolvzing the free ester groups contained in the product.

2,062,405
MANUFACTURE AND TREATMENT OF MATERIALS
Henry Dreyfus, London, England
No Drawing. Original application October 31, 1932, Serial No. 640,529. Divided and this application September 1, 1933, Serial No. 687,844. In Great Britain November 5, 1931
7 Claims. (Cl. 18—54)

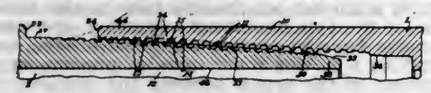
1. In the manufacture of artificial filaments, threads, yarns, ribbons, foils and like materials having a basis of an organic derivative of cellulose, the step which comprises treating the organic derivative of cellulose with cyclic ether obtainable by condensing a trihydroxy alcohol with an alcohol containing at least two and less than four hydroxy groups.

2,062,406
MANUFACTURE OF ARTIFICIAL FILAMENTS, THREADS, YARNS, RIBBONS, FILMS, FOILS, SHEETS, AND LIKE MATERIALS
Henry Dreyfus, London, England
No Drawing. Original application October 20, 1932, Serial No. 638,775. Divided and this application August 18, 1934, Serial No. 740,484. In Great Britain November 5, 1931
9 Claims. (Cl. 18—54)

1. Process for the manufacture of filaments, threads, yarns, ribbons, films, foils, sheets and like materials from solutions containing organic solvents and filament-forming bases selected from the group consisting of esters and ethers of cellulose and polymerized vinyl resins, which comprises forming said materials in the presence of a cyclic ether obtainable by the condensation of an aliphatic compound containing at least four hydroxy groups with an aliphatic compound containing at least two hydroxy groups.

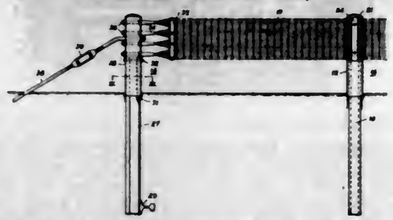
2,062,407
JOINT
George M. Eaton, Pittsburgh, Pa., assignor to Spang, Chalfant & Company, Inc., Pittsburgh, Pa., a corporation of Pennsylvania
Application February 19, 1935, Serial No. 7,212
13 Claims. (Cl. 285—146)

1. A threaded connection for male and female tubular metallic members including tapered threaded portions arranged to be engaged and wherein substantially all the threads have flat



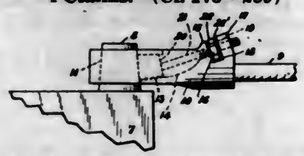
crests and roots which are parallel with the axes of the members.

2,062,408
HIGHWAY GUARD
Walter S. Edge, Pittsburgh, Pa., assignor to Pittsburgh Steel Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application November 30, 1934, Serial No. 755,388
4 Claims. (Cl. 189—26)



4. Guard structure comprising a post having a tubular upper portion, and a lower portion of generally I-beam form partially extending into the tubular member, a part of the web of said lower portion being cut away, and a fastening member extending through the tubular portion and through the I-beam at the cut-out space.

2,062,409
POST CLAMP FOR STORAGE BATTERIES
Robert S. Fennell and Earl E. Spencer, Norwood, Ontario, Canada
Application September 14, 1935, Serial No. 40,562
In Canada November 2, 1934
4 Claims. (Cl. 173—259)



2. In a post clamp, a horizontal elongated body having a vertical post hole at an end thereof and a jaw-receiving bore leading off the post hole, in which a jaw is mountable by inserting it through said post-hole, said body having walls providing a chamber in communication with said bore, a jaw removably mounted in said bore, a screw rod fast thereto and disposed in the chambered part of the body, said jaw and screw rod having an interlocking connection with the body to prevent displacement in normal operation or service, the interlocking connection including shoulders retaining the jaw in the bore, a hole in a wall of the body in which the free end portion of the screw rod is inserted, and a nut engaged with the screw rod in advance thereof and shouldered in a transverse recess supplied by the walls of the body.

2,062,410
PLANT PROTECTOR
Anselmo Garcia, Long Beach, Calif.
Application February 25, 1935, Serial No. 7,966
1 Claim. (Cl. 47—30)

A plant protector consisting of a cup adapted and arranged to surround the stem of a plant, said cup being formed of an integral sheet of fibrous material, the edges of said sheet overlapping and glued together, the walls of said



cup sloping upwardly, the lower end of said cup being embedded in the ground, the major portion of the cup being positioned above the surface of the ground.

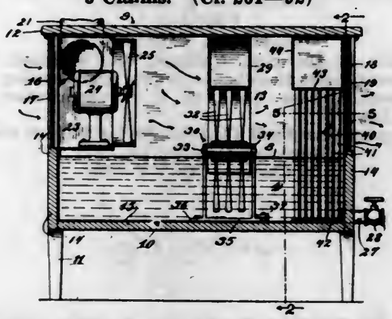
2,062,411
DEPILATORY
Henrietta A. Fischer, Pittsburgh, Pa.
No Drawing. Application March 9, 1934, Serial No. 714,889
1 Claim. (Cl. 167—89)

A depilatory comprising:

Rosin	5 lbs.
Beeswax	1¼ lbs.
Synthetic amber	15½ grains

the snythetic amber being composed of musk ambrette and labdanum resin, in approximately equal quantities.

2,062,412
GAS TREATING APPARATUS
Charles B. Grady, West Orange, N. J.
Application February 27, 1934, Serial No. 713,086
3 Claims. (Cl. 261—92)

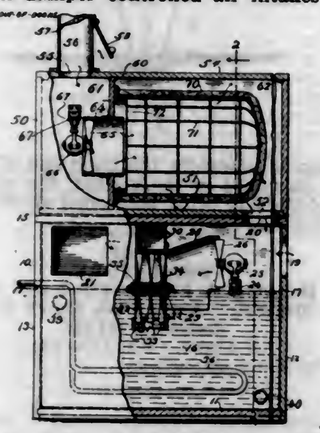


1. Apparatus for conditioning air or other gases comprising an enclosure having a removable cover and containing a vessel for water or other liquid and containing an air passage between the water and cover and with means to maintain air circulation through such passage, in combination with a semi-submerged rotary element for causing contact between the air stream and water, and a longitudinally thick hollow arched baffle within the enclosure below said cover and shaped to surround closely the exposed portion of the rotary element, thereby to compel the air stream to travel through the space occupied by the rotary element.

2,062,413
AIR CONDITIONING APPARATUS
Charles B. Grady, West Orange, N. J.
Application June 29, 1934, Serial No. 732,958
7 Claims. (Cl. 261—92)

1. For a sleeping room, an air conditioning machine located in said room comprising an enclosure with a water vessel and a fan therein,

a partly submerged wheel rotatable in said enclosure, a casing enclosing an air passage occupied by the unsubmerged portion of said wheel, an air inlet for receiving air directly from said room, an air outlet delivering air to said room, a filter housing containing a second fan and a filter, with damper controlled air intakes from



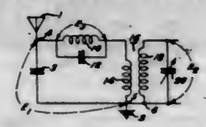
outdoors and indoors to said filter, an air outlet from said filter housing for delivering air to said enclosure, a cold water tank located in a housing separated from said enclosure, and having a vent delivering outside said room, circulating pipes connecting the upper and lower portions of said tank and vessel, and a refrigerating coil in said cold water tank.

2,062,414

ANTENNA CIRCUIT

Walter S. Harmon, Chicago, Ill., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware

Application April 13, 1932, Serial No. 604,896
Renewed October 18, 1935
13 Claims. (Cl. 250—20)



1. An antenna circuit for a radio receiver adapted to receive signals within a predetermined frequency band including in combination, a primary circuit having a plurality of inductances, effective capacity across one of said inductances to tune said inductance to a frequency above, but not greatly above, the frequency band to be received, effective capacity for tuning the plurality of inductances to a frequency below the frequency band to be received, a secondary circuit coupled with said primary circuit and tuned by a variable capacity.

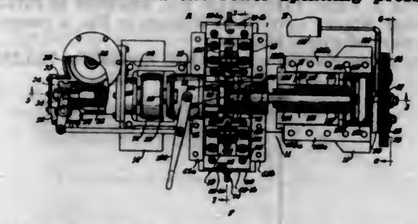
2,062,415

METHOD AND APPARATUS FOR PRECISION ROLLER SPINNING ARTICLES OF DUCTILE MATERIAL, SUCH AS ROLLED STEEL AND THE LIKE

William R. Harrison, Canton, Ohio, assignor to The Spun Steel Corporation, Canton, Ohio, a corporation of Ohio

Application July 26, 1935, Serial No. 33,210
12 Claims. (Cl. 113—52)

1. The method of roller spinning an article of ductile material which includes rotating the article about an axis, applying upon the rotating article a moving compressive force in the direction of the axis of rotation, opposing said compressive force by another compressive force, and applying a moving roller spinning pressure upon portions of the article between the compressive forces, maintaining an angular relation between the directions of motion of the moving compressive force and the moving roller spinning pressure, and automatically coordinating with respect to each other the movements of the compressive force and the roller spinning pressure.



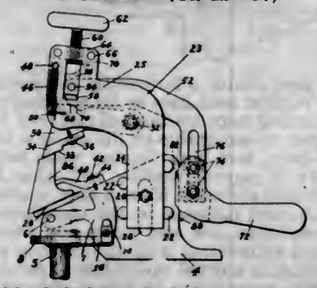
9. Apparatus for roller spinning and the like, including opposed rotatable die heads, means for rotating one of the die heads, means for moving one of the die heads towards and away from the other die head, a spinning roller operatively mounted at one side of the axis of rotation of the die heads and between the opposite end planes of the die heads at right angles to the axis of rotation, means for moving the spinning roller towards and away from the axis of rotation of the die heads and rolling position between the die heads, and means for operating the moving means for the die head and the moving means for the spinning roller in co-ordination with respect to the movements of each other.

2,062,416

HEEL TURNING MACHINE

Merton W. Howard, Haverhill, Mass., assignor to Pope Machinery Corporation, Haverhill, Mass., a corporation of Massachusetts

Application December 23, 1933, Serial No. 703,716
7 Claims. (Cl. 12—87)



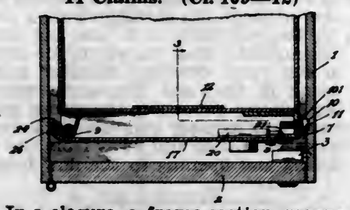
1. A blank holding jack for wood heel turning machines, comprising a support for a heel blank, a clamping member mounted to move through an idle range to bring the same into contact with a blank on the support and through a relatively smaller range to clamp the blank against the support, means including a clamping lever and cooperating bearing surfaces arranged to force the clamping member into clamping engagement with the blank, said surfaces including a cam on the lever, a cooperating cam surface for moving the member through said idle range upon pivotal movement of the lever through a relatively minor distance, and another surface relatively angular to said cam surface and cooperating with the cam for completing the movement of the member through said smaller range to effect clamping of the blank upon a further pivotal movement of the lever through a relatively major distance.

2,062,417

CLOSURE

Allen E. Jay, Wilmington, Ohio

Application September 16, 1935, Serial No. 40,818
11 Claims. (Cl. 109—12)



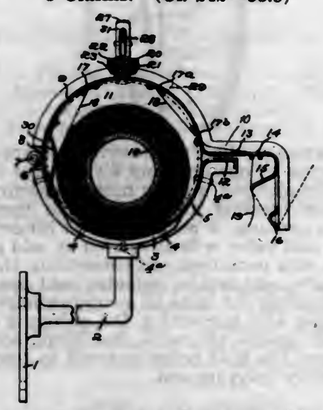
10. In a closure, a frame section, means carried by the frame section and adapted for engagement with a wall of a compartment, and a door section carried by the frame section and having a cam face, said cam face and said means cooperating to permit the wedging of the closure in the compartment as the door section is closed.

2,062,418

ROLL PAPER DISPENSER

Reginald W. King, Boston, Mass.

Application September 20, 1935, Serial No. 41,446
5 Claims. (Cl. 242—55.5)



3. Paper dispensing means comprising a container body member, a movable top member therefor, yieldable to deliver the paper, a spring on the container normally tending to raise the top, a paper positioning flange and a paper severing edge on the container, the top member having a series of paper feeding apertures therein, forming a tortuous path for the paper and leading to the positioning flange and severing edge.

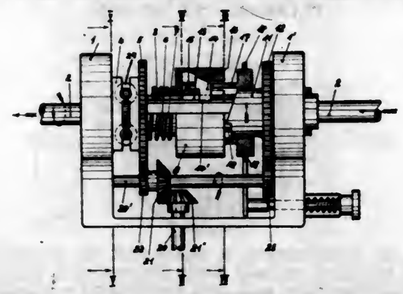
2,062,419

ELECTRIC ARC LAMP

Max Körting and Felix Werner, Leipzig, Germany

Application February 1, 1935, Serial No. 4,447
In Germany February 1, 1934
9 Claims. (Cl. 176—76)

1. In a carbon feed for electric arc lamps a rod shaped electrode, a feed gear for intermittently feeding the electrode, a rotary coupling for continous rotation of said electrode, while being fed, and means for rotating said coupling, said feed gear comprising a longitudinally movable rotary hollow shaft enclosing said electrode, a gripping



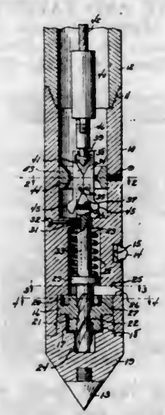
mechanism cooperatively associated with said hollow shaft, so as to rotate therewith and be free to be reciprocated in an axial direction relatively to said shaft, and actuating means for engaging and disengaging said gripping mechanism and the electrode.

2,062,420

INSIDE CASING CUTTER

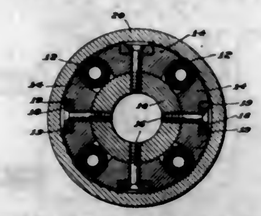
Elton H. Leach, Lake Charles, La.

Application April 20, 1936, Serial No. 75,444
5 Claims. (Cl. 81—194)



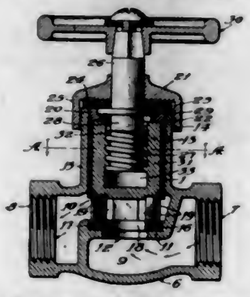
1. A cutter for oil well tubing and the like comprising a rotatable tubular body, vertically movable aligned stems in the body, a head on one of the stems, spring pressed latches pivoted on the other stem and hooked over said head to couple the stems together, a projection in the body adapted to dislodge the latches from the head to uncouple the stems at a predetermined point in the upward movement of the stems, a rotary cam plate in the body having spiral grooves, radially movable cutters carried by the body and having projections fitting in said grooves, one of the stems having a spiral thread, there being a spirally threaded axial opening in the cam plate receiving the thread of said stem, and a spring on the last named stem compressed by upward movement of the stems and adapted to return the lower stem, the cam plate and the cutters to released position upon uncoupling of the stems from each other.

2,062,421
EXPANSIBLE SHAFT
Carl G. Lindbom, Dover, N. H., assignor to U. P. M.-Kidder Press Co., Inc., Dover, N. H., a corporation of Delaware
Application July 27, 1935, Serial No. 33,507
12 Claims. (Cl. 242—72)



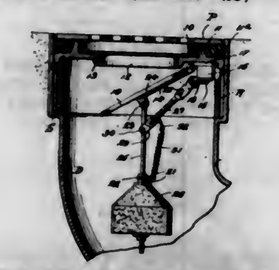
2. In combination, a shaft and an expansion unit mounted on said shaft for receiving a tubular winding core, said unit comprising a plurality of inflatable tubes extending loosely longitudinally of the shaft, tube holders secured to the shaft intermediate said tubes shaped to partially enclose each tube and core gripping devices intermediate said tube holders, the outside diameter of said unit when deflated being substantially that of the inside diameter of the core to be carried thereby, and means communicating with said tubes permitting inflation and causing expansion thereof from between the adjacent tube holders.

2,062,422
VALVE AND FAUCET
Frank Meese, Chicago, Ill.
Application January 18, 1936, Serial No. 59,773
2 Claims. (Cl. 251—48)



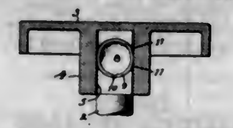
1. In a valve or faucet body with inlet and outlet openings, inlet and outlet chambers, a partition wall separating the said chambers, an orifice through the said partition wall, said body having a tubular extension and a longitudinal bore therein and in direct communication with the outlet chamber, the said chamber being larger than the said bore, a recess in the outlet chamber side of the partition wall, the said recess forming an auxiliary seat, a suitable removable seat located in the said recess, a sleeve of a suitable polygonal shape disposed in the bore of the tubular extension, the inner end bearing on the removable seat and having a means for egress to the outgoing flow through the wall of the sleeve into the outlet chamber and the outlet, a collar also disposed in the bore of the tubular extension and bearing on the outer end of the sleeve, the said collar preventing inward movement of an operating spindle rotatably disposed through a cap, and having a handle attached to its outer end, and having an externally threaded inner end, and a means including said collar for preventing lateral or longitudinal movement of the spindle, a means for sealing the open end of the tubular extension, and the cap disposed over the said means and detachably secured to the end of the tubular extension, the pressure of the cap acting on the collar, the sleeve, and the removable seat, thus holding the removable seat tight to the auxiliary seat, and the sleeve locked against rotatable movement, a nonrotatable valve carrying member slideably disposed in the sleeve and having a suitable valve on its inner end, and in its outer end an internal thread in engagement with the externally threaded portion of the spindle, the orifice in the partition wall, a central opening in the removable seat, and the circular wall of the auxiliary seat, the valve, the internal thread in the valve carrying member and the spindle being in line and concentric with the bore of the tubular extension, the sleeve guiding the valve carrying member and valve in a straight line in its movements to and away from the valve seat in closing and opening to the flow from the inlet.

2,062,423
AUTOMATIC BACKWATER VALVE
Fred B. Mingus and Walter R. Meyer, Oshkosh, Wis.
Application July 23, 1935, Serial No. 32,792
6 Claims. (Cl. 182—25)



1. A device of the class described comprising a plate having an opening, and a valve seat formed around the opening, a valve hingedly secured adjacent the opening and adapted to open and close the opening, a pendulum rod hingedly secured to said valve, a float carried by said pendulum rod, said pendulum rod connecting the float to the valve, and means engaging said pendulum rod for holding the same in a substantially vertical position and preventing the swinging of the float back against the valve, the lifting action of water upon the float being adapted to force said valve tightly upon its seat.

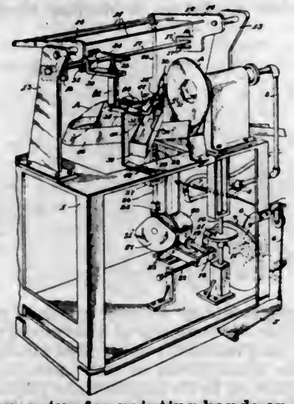
2,062,424
ATTACHING MEANS FOR HANDLES
Ervin H. Mueller, Grosse Pointe Park, Mich.
Application May 27, 1935, Serial No. 23,632
4 Claims. (Cl. 287—53)



1. Means for the purpose described including a stem having an end portion formed with a circular recess cutting through opposite sides of said end portion, and an annular spring in said recess with portions of said spring projecting from said recess at opposite sides of said stem.

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2,062,425
BANDING MACHINE
Ralph Peters, Clarksburg, W. Va., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va., a corporation of West Virginia
Application April 1, 1935, Serial No. 14,150
9 Claims. (Cl. 91—12)



1. An apparatus for painting bands on saucers, bowls, plates and similar articles, including a pivotally mounted arm, a paint roller carried by the arm, means for advancing the arm and roller toward the article, and a guiding means for changing the direction of travel of the arm and roller during their approach, whereby the roller approaches the article at the desired angle.

2,062,426
COPPER-ZINC-LEAD-PHOSPHOROUS ALLOY AND ARTICLES
Harold L. Pierson, Torrington, Conn., assignor to The American Brass Company, Waterbury, Conn., a corporation of Connecticut
No Drawing. Application August 26, 1936, Serial No. 98,063
8 Claims. (Cl. 75—155)

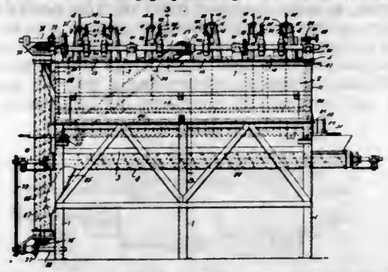
1. A copper base alloy composed of about 67% to 91% copper, 0.35% to 4% lead, 0.15% to 0.5% phosphorus, and balance zinc.

2,062,427
COPPER-TIN-PHOSPHORUS-ZINC ALLOY
Harold L. Pierson, Torrington, Conn., assignor to The American Brass Company, Waterbury, Conn., a corporation of Connecticut
No Drawing. Application August 26, 1936, Serial No. 98,064
5 Claims. (Cl. 75—157)

5. A copper base alloy composed of about 70% to 90% copper, 0.25% to 1% tin, 0.15% to 0.5% phosphorus, and balance substantially zinc, said alloy having improved strength and spring properties over the same alloy without the phosphorus.

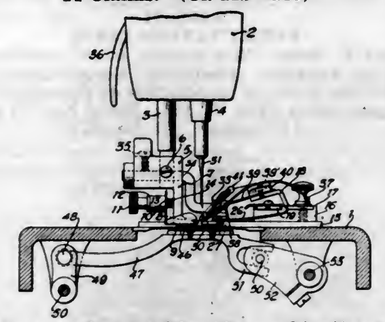
2,062,428
CAN FILLING MACHINE
Robert D. Rapp, Hammond, Ind.
Application September 2, 1933, Serial No. 688,015
5 Claims. (Cl. 226—95)

4. A can filling apparatus comprising a partitioned chamber adapted to hold the material to be fed to the chamber, an outlet at the base of each compartment and extending the length thereof, a valve for each outlet, a stem for each valve, an eccentric and strap therefor cooperating with each valve stem, said eccentrics being mounted upon a common shaft, means to receive an overflow from the cans and direct the same toward one end of the apparatus, means to elevate the overflow and return it to the chamber, means for vibratingly passing the cans through



the apparatus and beneath the compartment outlets, common means for actuating the eccentric shaft, the elevating means and the conveying means, and means to insure closure of the valves upon termination of the operation of the device.

2,062,429
ATTACHMENT FOR SEWING MACHINES
Charles Seaman, Hollis, N. Y.
Application September 19, 1933, Serial No. 690,037
14 Claims. (Cl. 112—140)

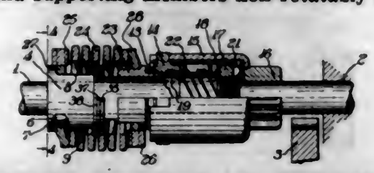


1. In a sewing machine, in combination with stitching means including a reciprocating needle, of a spring supported platen shoe having a rounded edge against which the needle impinges, a guide for folding or rolling an edge of fabric so that the free edge thereof is encased within the fold or roll, means for drawing said folded or rolled edge of the fabric and the fabric itself through said guide and for bending said fold or roll transversely of its length and the fabric itself about the curved edge of said platen shoe, and for holding the work in position upon said platen shoe so that the needle when descending will pierce the fabric at the bend and then pick up an edge of said fold or roll whereby to stitch the fold or roll to the body of the fabric, said last named means being adapted to move the fabric and the stitched edge thereof rearwardly in a direction opposite to which it has ben moved to said platen through said guide.

2,062,430
STARTER DRIVE FOR INTERNAL COMBUSTION ENGINES
Youston Sekella, Elmira, N. Y., assignor to Eclipse Machine Company, Elmira, N. Y., a corporation of New York
Application June 21, 1935, Serial No. 27,754
9 Claims. (Cl. 74—7)

1. In a starter drive a power shaft, a pinion

freely journalled thereon for longitudinal movement into and out of engagement with a member of an engine to be started, a screw shaft rotatably mounted on the power shaft, a nut threaded on said screw shaft and rigidly connected to the pinion, a stop member fixed on the power shaft defining the normal position of the screw shaft and the operative position of the nut, and means for rotating the screw shaft from the power shaft including a torsion spring and a pair of anchoring and supporting members non-rotatably con-



nected to the power shaft and screw shaft respectively, having recesses and helically inclined seats, the terminal convolutions of said spring conforming to said seats and having outwardly turned ends engaging in said recesses, said screw shaft being free to slide on the power shaft away from said stop responsive to the longitudinal component of the driving forces transmitted through the screw and nut, thus compressing the spring between the anchoring and supporting members.

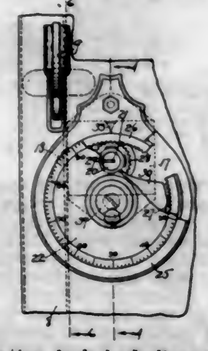
2,062,431

PERMUTATION LOCK

Elmer B. Stone, New Britain, Conn., assignor to The American Hardware Corporation, New Britain, Conn., a corporation of Connecticut

Application April 18, 1934, Serial No. 721,179

11 Claims. (Cl. 70—53)



1. A permutation lock including a supporting member, a plurality of tumblers rotatably supported by said member, each of said tumblers requiring at least a complete rotation to register one with another for unlocking operation, a rotatably mounted dial, and a multiplying geared connection between said dial and tumblers to increase the rate of movement of the tumblers relatively to that of said dial to place each of said tumblers in unlocking position by less than a complete rotation of said dial.

2,062,432

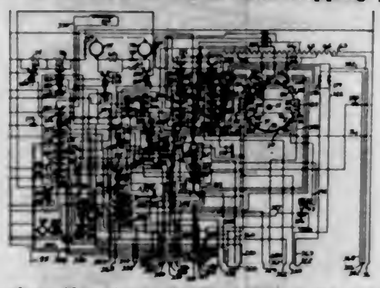
ELEVATOR OPERATING APPARATUS

Ernest B. Thurston, John A. Brubaker, and Floyd F. Turner, Toledo, Ohio, assignors to The Haughton Elevator & Machine Company, Toledo, Ohio, a corporation of Ohio

Application May 9, 1935, Serial No. 20,617

20 Claims. (Cl. 172—152)

17. A control system for elevators and the like, comprising a main electric driving motor for the elevator, a control device for the main motor having a normal stopping position, an auxiliary motor, differential driving connections between said motors and the control device, stop selector means driven by the auxiliary motor, means automatically stopping the auxiliary motor, and returning the control device to its normal stopping posi-



tion when the stop selector reaches its position appropriate for stopping at a terminal stop of the elevator, and manually controlled means for energizing the main motor at slow speed and moving the elevator on to its appropriate position at said terminal landing without changing the position of said control device or stop selector, after said selector has reached its said position prematurely.

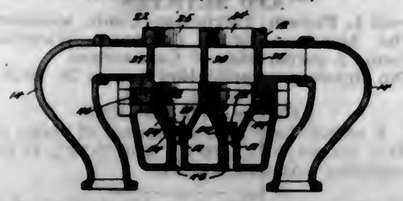
2,062,433

INTERNAL COMBUSTION ENGINE

Cornelius W. Van Ranst, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan

Application March 21, 1932, Serial No. 600,348

9 Claims. (Cl. 123—52)



1. In an internal combustion engine, the combination with an exhaust manifold, of an intake manifold having a port therein through which a combustible mixture of liquid fuel and air may enter, a well below the port for receiving unvaporized liquid fuel particles, said well comprising an external depression in the wall of the exhaust manifold, a passage extending through said manifold and discharging in said well for introducing a jet of air into said well to atomize liquid fuel collected therein, and heat insulating means interposed between said manifolds.

2,062,434

RADIO RECEIVING SYSTEM

Jacob van Slooten, Eindhoven, Netherlands, assignor to Radio Corporation of America, a corporation of Delaware

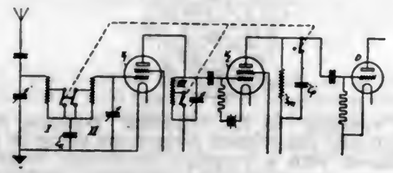
Application August 18, 1932, Serial No. 629,251

In the Netherlands August 18, 1931

7 Claims. (Cl. 178—44)

1. In an amplifier, an electrical arrangement of the type which is adapted to be connected with an electronic relay, said electrical arrangement including input terminals and output terminals, said input terminals being connected to a source

of signal energy through a tunable circuit, said tunable circuit being provided with a tuning element adapted to tune the circuit to any frequency within a predetermined range of frequencies and with operable means for adapting said tunable circuit so that it may be tuned to any frequency within another predetermined range of frequencies, said tunable circuit having an inherent rising sensitivity characteristic with increasing frequency to which the circuit is tuned, a utilizing circuit, a circuit including an induc-



tance element for connecting the output terminals to the utilizing circuit, said connecting circuit being resonant at a frequency which is in the vicinity of the lowest frequency of one of said frequency ranges and means, acting upon operation of the operable means to condition the tunable circuit so as to tune to the other range of frequencies, to change the resonance of said connecting circuit so that the connecting circuit becomes resonant at the frequency which is in the vicinity of the lowest frequency of the other of said range of frequencies.

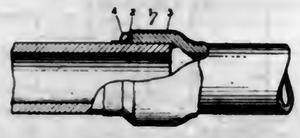
2,062,435

METHOD AND MEANS OF DETECTING REFRIGERANT LEAKS

Alfred Weiland, Philadelphia, Pa., assignor to Baldwin-Southwark Corporation, a corporation of Delaware

Application December 23, 1933, Serial No. 703,803

1 Claim. (Cl. 137—77)



The combination in a refrigerating system comprising a member filled with CF_2 CL_2 gas and a liquid rubber composition permanently spread or coated over the surface of said member and allowed to become set, whereby in the event of a leak of said gas through said member said rubber will give a visible indication of the leak.

2,062,436

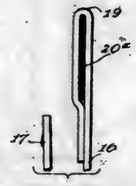
REENFORCED FILE FOLDER

Francis J. Yawman, Rochester, N. Y., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y., a corporation of New York

Application March 27, 1933, Serial No. 662,948

10 Claims. (Cl. 129—16.8)

10. A file folder comprising a single sheet of heavy paper stock having lateral edges of single thickness and folded along a horizontal line to provide a back leaf and a front leaf hinged together at their bottoms by the fold, and folded forwardly and downwardly along an upper horizontal line to provide a return flap for the back leaf at the front side thereof, and filler means of the class comprising threads, strands and tapes, extending longitudinally of the flap fold and between the back leaf and flap adjoining the flap fold and conforming the exterior of the flap fold to a thickened edge the exposed surface of the stock of which remains unbroken, the flap being adherently secured to the back leaf below the filler means and the lower edge of the member conforming the flap to a downwardly facing shoulder



affording a non-slip finger engagement for lifting the back leaf, the upper end of the front leaf overlapping the lower end of the flap but terminating short of the filler member at such distance therefrom that, in lifting the file folders, the operator's fingers may simultaneously engage the downwardly facing shoulder of the flap and the upper end of the front leaf horizontally opposite the flap at the region of its said securement to the back leaf.

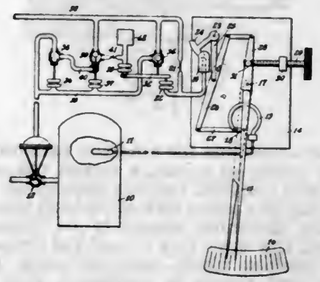
2,062,437

CONTROL SYSTEM HAVING STABILIZING AND ANTICIPATORY FEATURES

Owen C. Abbott and Fred A. Faust, Waterbury, Conn., assignors to The Bristol Company, Waterbury, Conn., a corporation of Connecticut

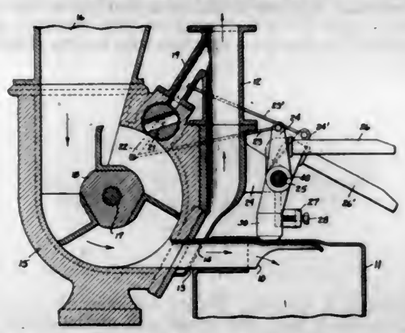
Application September 14, 1935, Serial No. 40,538

16 Claims. (Cl. 236—82)



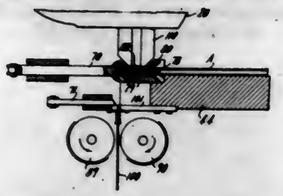
1. In a control system including fluid-pressure actuated means for regulating a condition, a conduit adapted to supply fluid under pressure to said means for operating the same, and a source of expansible fluid supply: the combination with a primary control mechanism located between the fluid supply and the conduit tending to regulate the pressure of the fluid in said conduit in a sense to establish and maintain the controlled condition at a predetermined magnitude; of a secondary control mechanism associated with the primary control mechanism adapted to modify the performance of the latter in response to moderate variations of the pressure of the fluid in said conduit; and means to reverse automatically the performance of said secondary control mechanism in response to conditions in the control system.

2,062,438
VALVE BAG PACKING MACHINE
Webster Noyes Baker, Yeadon, Pa., assignor to Bagpak, Inc., New York, N. Y., a corporation of Delaware
Application August 25, 1933, Serial No. 686,664
11 Claims. (Cl. 226—48)



1. In a valve bag filling machine having a filling spout, an impeller continuously rotating in a casing to which said spout communicates, and a suction conduit leading from said casing.

2,062,439
BAG STAPLING MACHINE
Webster Noyes Baker, Baldwin, Ross C. Hurrey, Great Kills, and Robert N. Cundall, Lackawanna, N. Y., assignors to Bagpak, Inc., a corporation of Delaware
Application November 15, 1934, Serial No. 753,119
11 Claims. (Cl. 93—8)



4. In a machine for applying fastening means to the corner of a bag, a forked rod, means to move said rod into position straddling the edge of the bag, the upper fork of said rod being slotted to allow fastening means to be driven therethrough, the lower fork of said rod comprising an anvil against which said fastening means is driven, and means to position a strip of reinforcing material between the edge of the bag and the ends of said rod, before movement of said rod past the edge of the bag, to be engaged thereby and folded over the edge of the bag.

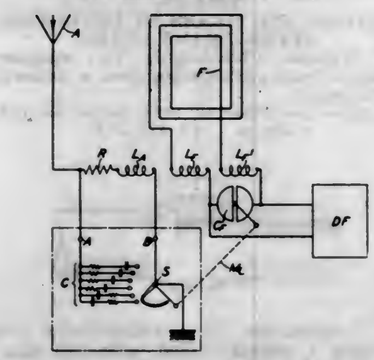
2,062,440
COMBINED IGNITION AND STARTER SWITCH
Fay Beal, Kokomo, Ind., assignor to Kingston Products Corporation, Kokomo, Ind., a corporation of Indiana
Application July 26, 1934, Serial No. 736,975
1 Claim. (Cl. 200—44)

An electric switch having a rotatable member movable between "off", "running" and "starting" positions, an operating key attachable to and detachable from the member only in the "off" position, an insulating member providing a smooth working surface and carrying a plurality of spaced-apart conducting members having ends recessed adjacent said working surface, a spring-pressed conducting armature having a plurality of cup-shaped projections adapted to slide on said working surface and to enter the recessed ends of said conducting members and movable with said rotatable member, a spring arranged opposing movement of said rotatable member only when said rotatable member is being turned from



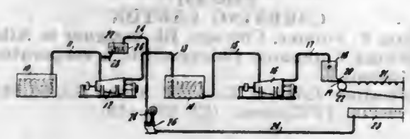
the "running" to the "starting" position, only one of said cup-shaped projections being in engagement with a recessed conducting member when the switch is in the "starting" position to facilitate return of the switch to the "running" position by said spring when the key is released, and a plurality of said cup-shaped projections being in engagement with a plurality of said recessed conducting members in the "running" position.

2,062,441
DIRECTION FINDING ANTENNA SYSTEM
Henri G. Busignies, Paris, France, assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application October 29, 1931, Serial No. 571,720
In France November 21, 1930
15 Claims. (Cl. 250—11)



8. In a direction finding system, an open non-directional antenna, the effective height of which is relatively constant over a wide band of frequencies, a closed directional aerial, the effective height of which varies with frequency, a circuit for tuning said antenna comprising an inductance and an adjustable impedance device connected in shunt thereto, a plurality of inductances coupled to said inductance, a direction finder, one of the plurality of inductances being included between one terminal of the aerial and the direction finder and another of said plurality of inductances being included between the other terminal of the aerial and the direction finder, an adjustable impedance device connected between the two last mentioned inductances, and means for simultaneously varying said devices, the difference in impedance variation of said devices corresponding in effect to the difference in variation with frequency of the antenna impedance and loop aerial impedance.

2,062,442
METHOD FOR MAKING PAPER
John Campbell, Glens Falls, N. Y., assignor to International Paper Company, New York, N. Y., a corporation of New York
Application May 7, 1934, Serial No. 724,236
4 Claims. (Cl. 92—21)

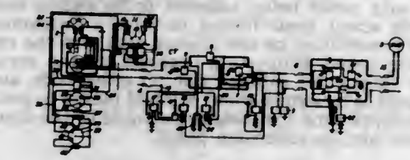


1. The method of adding alum to a furnish containing acid reactive filler comprising passing water over an ingot of alum and adding the resulting solution to the furnish before it passes into the Jordan and while it is passing through a relatively constricted conduit.

2,062,443
IMPROVED 4:4'-DIMETHYL-6:6'-DIHALOGEN THIOINDIGO
Paul Whittier Carleton, Penns Grove, and Edwin Lorenzo Mattison, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application October 10, 1934, Serial No. 747,784
4 Claims. (Cl. 260—53)

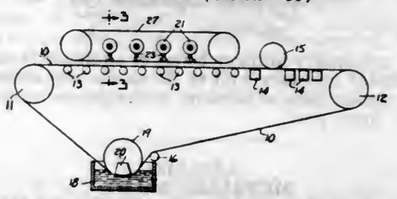
1. The process of producing improved 4:4'-dimethyl-6:6'-dihalogen thioindigos which comprises vatting a 4:4'-dimethyl-6:6'-dihalogen thioindigo, acidifying to cause precipitation of a leuco derivative, separating the precipitated leuco derivative, mixing said leuco derivative with an aqueous solution of caustic alkali and a substance selected from the class consisting of alkali metal and ammonium salts of weak acids which are water-soluble to give a solution having a pH greater than 7, then heating the mixture until solution is obtained, thereafter cooling and adding an oxidizing agent to precipitate the dyestuff.

2,062,444
TELEPHONE SYSTEM
Orfeo Cesareo, Washington Township, Bergen County, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 13, 1935, Serial No. 10,779
9 Claims. (Cl. 179—6.3)



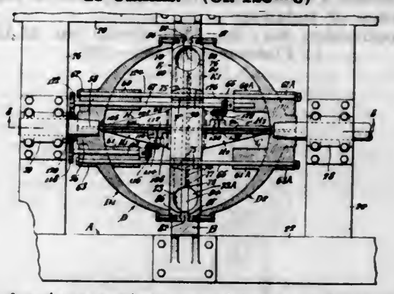
1. In a telephone system, a telephone line, a coin collector, a central office, a source of current at said central office, means for connecting said source of current to said line, and a device normally maintaining an open circuit between said line and said coin collector and adapted to close a circuit between said line and said collector when said source of current is connected to said line whereupon said collector operates on current from said source.

2,062,445
APPARATUS FOR THE MANUFACTURE OF PAPER
Edgar Alexander Charlton, New York, N. Y., assignor to International Paper Company, New York, N. Y., a corporation of New York
Application December 17, 1934, Serial No. 757,766
15 Claims. (Cl. 92—39)



1. In an apparatus of the class described, a paper making screen, a breast roll and couch roll around which said screen is trained, a stock vat, a rotatably mounted suction cylinder in said vat and around which said screen is passed during its travel from couch to the breast roll whereby a layer of stock is deposited on said screen as it passes through said vat, and means to deposit a layer of stock on the layer initially formed during the travel of the screen between the breast and couch rolls.

2,062,446
ROTARY ENGINE
Samuel J. Collum, Philadelphia, Pa.
Application May 4, 1935, Serial No. 19,760
13 Claims. (Cl. 123—8)

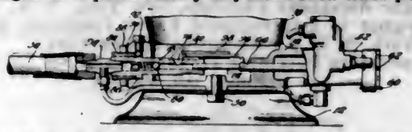


2. A rotary engine comprising an inlet and an exhaust for the ingress and egress of motivating fluid, a rotor and a cooperable fixed member, said rotor including a toroidal bore, a cylinder head projecting in said bore, said bore partially surrounding said cylinder head, a piston having an opening in its peripheral edge, said piston being rotatably mounted in said rotor and extending through said bore, and means to rotate said piston during the rotation of said rotor.

2,062,447
LUBRICATING APPARATUS
Ernest W. Davis, Oak Park, Ill., assignor, by mesne assignments, to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Original application August 26, 1933, Serial No. 686,928. Divided and this application April 4, 1936, Serial No. 72,739
5 Claims. (Cl. 221—47.1)

1. In a high pressure grease compressor, the combination of a grease supply container, a high pressure pump cylinder positioned at the bottom of said container and having an inlet port, a

pump plunger reciprocable in said cylinder, and a secondary plunger reciprocated with said pump plunger in a path closely adjacent said inlet port,

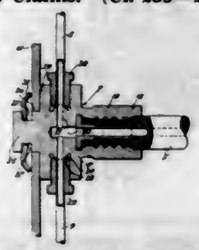


said secondary plunger being of sufficiently small diameter to pierce and to break up any air bubbles which may be present in the grease adjacent said inlet port.

2,062,448
METALLIC ALLOY
Louis S. Deitz, Jr., Metuchen, N. J., and Hanley H. Weiser, Pleasant Plains, N. Y., assignors to Nassau Smelting and Refining Company, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application November 5, 1935, Serial No. 48,308
2 Claims. (Cl. 75—154)

1. An alloy of copper having high tensile strength and ductility and consisting of copper, with 2.50% to 3.25% silicon, 0.50% to 1.25% tin, and 0.01% to 0.60% manganese.

2,062,449
FITTING FOR HYDRAULIC BRAKE SYSTEMS
Burns Dick, Ferguson, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a corporation of Delaware
Application May 24, 1935, Serial No. 23,188
10 Claims. (Cl. 285—209)

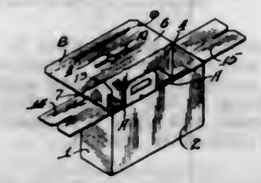


1. In a hydraulic braking system for motor vehicles, the combination with a supporting member provided with an opening, a flexible hose, a terminal member provided with a sleeve permanently clamped to the hose end and also having an integral portion extending through the supporting member opening, two metallic tubes positioned at substantially right angles to the extending portion, means for connecting said tubes to the terminal member, said tubes being in communication with the hose bore by means of passages in the terminal member and means for detachably securing the terminal member to the supporting member.

2,062,450
PROCESS OF PRODUCING FLAVANTHRONE
Fredrick L. English, Carneys Point, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 20, 1934, Serial No. 712,253
11 Claims. (Cl. 260—42)

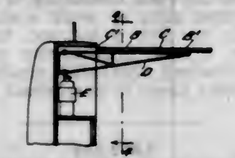
1. The process which comprises forming antimony pentachloride in the presence of an inert organic solvent with the addition of an iodine catalyst, and reacting the resultant antimony pentachloride-containing solvent mixture with beta-amino-anthraquinone to form flavanthrone.

2,062,451
CARRYING CARTON
William F. Forster, Chicago, Ill., assignor to Atlas Brewing Company, Chicago, Ill., a corporation of Illinois
Application January 29, 1936, Serial No. 61,285
12 Claims. (Cl. 229—15)



12. In a carrying carton of the class described, a hinged cover for the carton, separate partition means within the carton shiftable toward and away from said cover and having a projectable part to provide a carrying handle, and means other than said cover contacted by said shiftable partition means when shifted to carrying position to take the lifting load of said carton when the carton is lifted by the handle of the shiftable partition member.

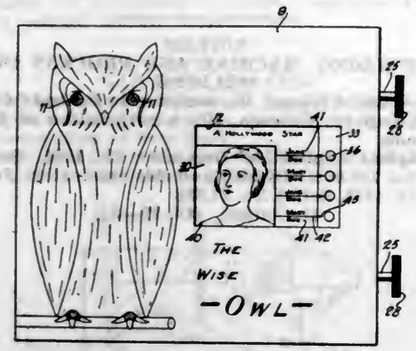
2,062,452
CABINET CLOSURE AND TABLE
Francesca Gluckstein, London, England
Application September 12, 1935, Serial No. 40,212
In Great Britain September 22, 1934
2 Claims. (Cl. 311—21)



1. A built-in cabinet having fixed top, bottom, rear and side walls, a front closure wall hinged horizontally to the front of the top wall, an extension panel hinged horizontally to the bottom edge of said closure and adapted to fold inwardly and be superimposed upon the back of said closure wall when said cabinet is closed, said closure wall and said panel being adapted to be swung outwardly about their hinges to form a horizontal table constituted by the closure wall and the extension panel, supporting brackets hinged vertically within the cabinet, one on either side and adapted to be swung about vertical hinges to positions supporting the table constituted by the front closure and its extension panel.

2,062,453
GAME AND EDUCATIONAL DEVICE
Whitney Hastings, Middletown, Conn.
Application April 3, 1934, Serial No. 718,768
8 Claims. (Cl. 35—9)

1. In a device of the class described, an electric circuit, means for closing said circuit including a plurality of pairs of electric contacts, a member having thereon a picture and a plurality of titles associated with said picture, said member being formed with an aperture located opposite one of said titles, and means for guiding said member

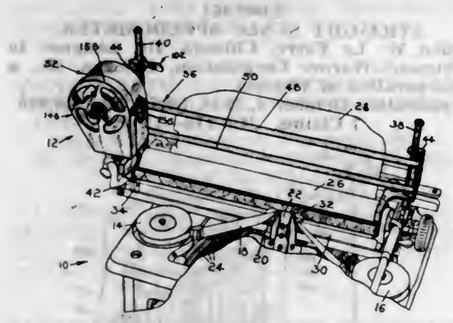


between said pairs of contacts with said apertures in alignment with the contacts.

2,062,454
MANUFACTURE OF ESSENTIALLY DRY ALKALI METAL ALKYL SULPHATES
Clyde O. Henke and William H. Lockwood, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application June 7, 1935, Serial No. 25,422
6 Claims. (Cl. 260—99.12)

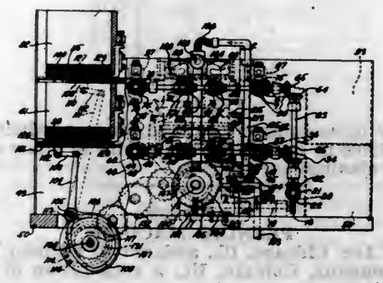
1. A process of neutralizing alkyl hydrogen sulphates which comprises reacting said sulphates with a dry alkali metal halide under essentially anhydrous conditions with the resultant evolution of a hydrogen halide.

2,062,455
WRITING MACHINE
Beulah Louise Henry, New York, N. Y.
Application March 12, 1931, Serial No. 521,912
9 Claims. (Cl. 197—153)



7. In a typewriting apparatus, the combination with a fully equipped typewriter carriage of a pair of upright posts secured to the typewriter carriage, a unitary rigid frame vertically adjustable on said posts, an impression ribbon carried by said frame and movable to and from operative position upon vertical movement of said frame, means for securing said frame in adjusted position relative to said posts and means actuated by longitudinal movement of the carriage for feeding the ribbon.

2,062,456
DUPLICATING MECHANISM
Harold G. Johnstone, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application May 13, 1932, Serial No. 611,031
9 Claims. (Cl. 164—114)



1. In a card duplicating apparatus, a reciprocable pneumatic head, a grid secured to the bottom of said head and having apertures therein in alignment with all potential hole positions in a card to be duplicated, means for advancing a card to be duplicated to position under said head, means for lowering said head into engagement with said card to prevent the escape of air between the head and card, means for supplying air under pressure to said head, means controlled by the air passing through apertures in the card to be duplicated for setting up perforators to perforate a duplicate of said card, and means operable in timed relation to the operation of the pneumatic head, for causing the perforators to perforate the duplicate card.

2,062,457
COATED WELDING ROD
Robert S. Johnston, Yardley, Pa., assignor to John A. Roebling's Sons Company, Trenton, N. J., a corporation of New Jersey
Application January 14, 1936, Serial No. 59,039
6 Claims. (Cl. 219—8)



5. A welding electrode consisting of a ferrous metal core and a coating thereon, said coating containing between 10 and 25 percent of silicon dioxide and between 15 and 40 percent of ilmenite, the percentage of ilmenite varying inversely with the silicon dioxide.

2,062,458

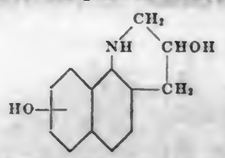
MANUFACTURE OF PY-3-HYDROXYTETRAHYDROHYDROXYNAPHTHOQUINOLINES

Hans Lange, Dessau-in-Anhalt, and Johann H. Helberger, Cologne-Mulheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application September 13, 1935, Serial No. 40,408. In Germany February 20, 1935

9 Claims. (Cl. 260—40)

1. The py-3-hydroxytetrahydrohydroxynaphthoquinolines of the general formula—



these bases being crystallized products which are insoluble in cold water, but soluble in dilute acids and alkalies.

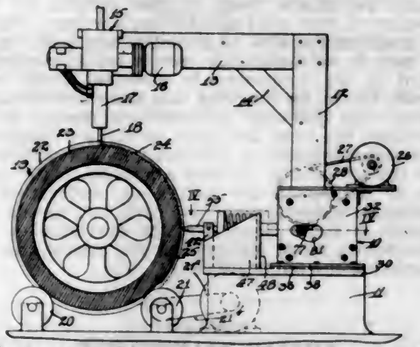
2,062,459

PEENING MACHINE

Carl Lee, Chicago, Ill., assignor to Peabody Coal Company, Chicago, Ill., a corporation of Illinois

Application December 29, 1934, Serial No. 759,668

11 Claims. (Cl. 78—27)



9. A peening hammer comprising a base, a pair of plates in fixed spaced relation slidable on one end of said base, means for locking said plates relative to said base, a plurality of rollers rotatably mounted between said plates, a large gear having gear teeth formed in the central portion only of its periphery to define circular tracks on each side of said teeth for said rollers whereby said gear is rotatably mounted between said plates, said gear also having a cam-shaped opening cut through the central portion thereof, said plates having openings cut therethrough in alignment with said cam-shaped opening of said gear, rollers adapted to roll along the walls defining the openings on said plates, a pair of elongated arms abutting said rollers and extending from said plates, another roller mounted between said arms for engagement with the walls defining the cam-shaped opening of said gear, a platen secured to the other end of said arms, a coiled spring urged against said platen, a hammer rod extending from said platen, a pair of vertical standards secured to said platen for rotatably supporting said hammer rod, a back plate for said coiled spring having an aperture therein permitting the passage of said arms therethrough, and means for rotating said centerless gear whereby said arms are moved backward to compress said coiled spring and released when said coiled spring is compressed to the desired degree for driving said hammer rod with an impact force.

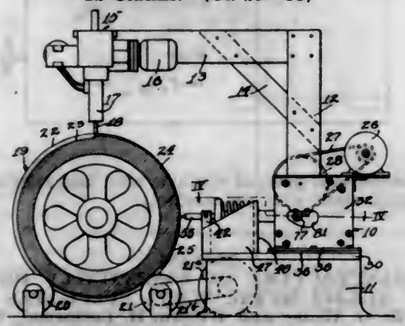
2,062,460

WELDING MACHINE AND PROCESS OF WELDING

Carl Lee, Chicago, Ill., assignor to Peabody Coal Company, Chicago, Ill., a corporation of Illinois

Original application December 29, 1934, Serial No. 759,668. Divided and this application June 22, 1935, Serial No. 27,888

12 Claims. (Cl. 29—33)



1. A machine for welding metals onto metallic articles and for working said metals to impart desirable characteristics thereto comprising means for holding a welding rod, means for feeding the article to be welded into close proximity to the end of the welding rod, a hammer having a small peening head adapted to strike against the welded metal just subsequent to a freezing of the metal, and means for driving said hammer to deliver impact blows of predetermined magnitude and frequency.

7. The process of welding which comprises successively fusing metal to an article and peening adjacent small areas of the freshly fused metal to impart desired metallurgical properties thereto and to remove scale therefrom whereby additional metal may be securely fused thereon.

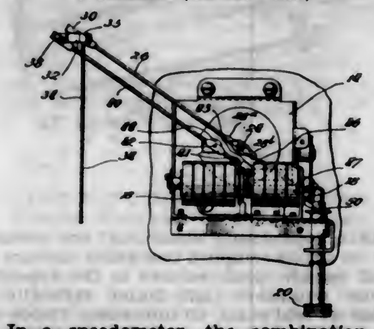
2,062,461

STRAIGHT SCALE SPEEDOMETER

Arden W. Le Fevre, Chicago, Ill., assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia

Application October 4, 1934, Serial No. 746,836

7 Claims. (Cl. 116—129)



2. In a speedometer, the combination of a speed-controlled part, a pointer, a rectilinear scale, and a parallelogram linkage consisting of two arms each pivoted at one end and having a link rigid with said pointer joining their other ends, said linkage connecting said part and said pointer for imparting translatory movement to said pointer relative to said scale.

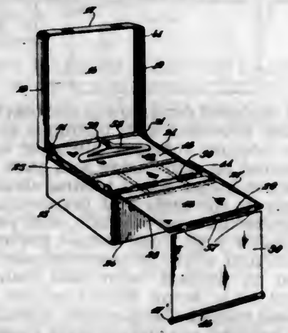
2,062,462

GARMENT CARRIER

Abraham Levine, Elizabeth, N. J., assignor to Presto Lock Corporation, New York, N. Y., a corporation of New York

Application December 10, 1930, Serial No. 501,241

31 Claims. (Cl. 190—41)



2. For use with a luggage article having spaced walls a collapsible garment cradle comprising rear and front garment-supporting sections pivoted together end to end, the rear section being pivoted at its rear end to said walls, the front section being adapted to form an extension of the rear section and being foldable over the rear section into superposed relationship therewith; and a continuous flexible band extending across said sections and attached only at its ends respectively to the rear of the rear section and to the front of the front section.

2,062,463

FUELS

Louis E. Levi, Milwaukee, Wis.

No Drawing. Application January 22, 1934, Serial No. 707,729

2 Claims. (Cl. 44—9)

1. A composition of matter for solution in liquid hydrocarbon fuels, comprising dinitrobenzene dissolved in methyl formate.

2,062,464

ANODES, METHOD OF FORMING THE SAME, AND FORMATION ELECTROLYTE THEREFOR

Julius Edgar Lilienfeld, Winchester, Mass.

No Drawing. Application February 14, 1931, Serial No. 515,884

9 Claims. (Cl. 175—315)

1. The method of forming electrodes of a filming metal, which comprises polarizing the same in an electrolyte consisting solely of an aqueous solution of pure boric acid.

2,062,465

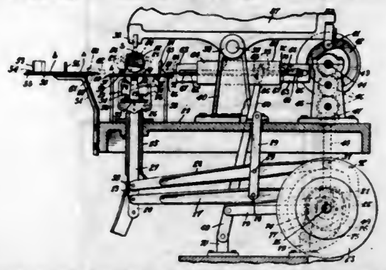
BLANK FEEDING MEANS FOR RECEPTACLE BODY FORMING APPARATUS

George Lutz, Brooklyn, N. Y., assignor to American Sealcone Corporation, New York, N. Y., a corporation of New York

Application July 19, 1933, Serial No. 681,137

10 Claims. (Cl. 271—54)

1. In means for feeding sheets relative to a mandrel in receptacle body forming apparatus, a pair of jaws adapted to be reciprocated in a plane parallel to the plane and transversely of the mandrel, one jaw of each pair of said jaws fixed and the other jaw pivotally carried by the fixed jaw to have movement toward and away from and normally urged to engage the fixed jaw, said pivoted jaw being adapted by the resistance of the jaw to the forward movement thereof to be moved away from the fixed jaw to permit engagement of a sheet between the jaws, and at the terminus of said forward movement moving by gravity to clamp the sheet engaged between the jaws, and said pivoted jaw by the resistance to the return movement of the jaw urged to sheet clamping position, and an abutment fixed in predetermined relation to the mandrel adapted to be engaged by and strip the sheet from the jaws and register the sheet relative to the mandrel during the return movement of the jaws.



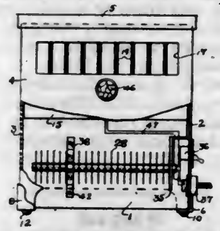
2,062,466

CONVECTION TYPE ELECTRIC RADIATOR

George M. Marr, New York, N. Y., assignor to Air Conditioners, Inc., New York, N. Y., a corporation of Delaware

Application July 13, 1934, Serial No. 734,930

3 Claims. (Cl. 219—38)



1. An electric heater of the convection type comprising a casing, provided with air inlet and an air outlet port; an electrical heating element arranged in said casing and adjacent the air inlet thereof; said electrical element being spaced from all sides of said casing and free of contact therewith; means for securing said electric element and an L shaped bracket for supporting one end of said electric element and shielding the contacts thereof.

2,062,467

COVER FOR IRONING MACHINES AND THE LIKE

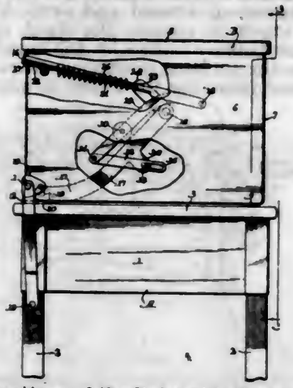
William J. McCaughan, River Forest, Ill., assignor to Electric Household Utilities Corporation, Cicero, Ill., a corporation of Illinois

Application June 26, 1933, Serial No. 677,551

5 Claims. (Cl. 45—68)

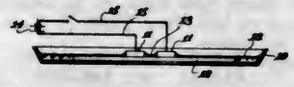
1. In a structure of the class described, the combination of an ironer stand having ironer means thereon, a movable cover for said means,

links pivotally connected to said cover and to said stand permitting a hinge movement of the cover about the pivotal connections of the links with the cover and a bodily movement about the piv-



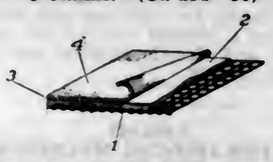
otal connections of the links with the stand, movable supporting legs for the cover carried thereby, and means operable by the movement of the cover for moving the legs into supporting position.

2,062,468
OPTICAL DEVICE
Charles H. Matz, Winnetka, Ill., assignor of two-fifths to Edwin H. Land, Wellesley Farms, Mass.
Application July 26, 1934, Serial No. 736,985
14 Claims. (Cl. 88—61)



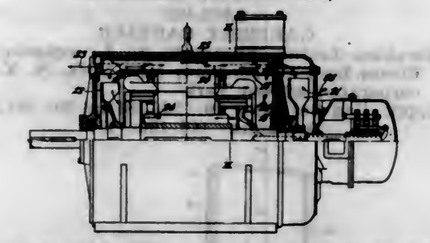
1. Means for modulating a light beam at audible frequencies comprising a plurality of elements forming a capillary channel having opposite electrically-conductive portions, a light-transmitting dielectric liquid therebetween and exposed on one surface to another fluid of different refractive index, and interposed in the path of said beam, and means to impress an electric potential on said liquid.

2,062,469
AUTO TOP MATERIAL
Russell Morgan, Fairfield, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application June 25, 1932, Serial No. 619,210
5 Claims. (Cl. 154—50)



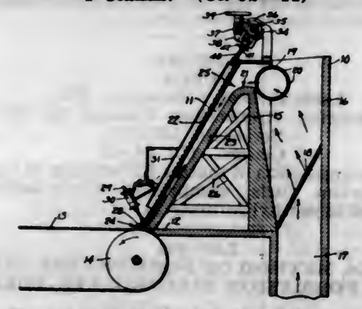
3. A pliant article of manufacture comprising at least one layer of fabric having a coating of rubber on one exposed surface thereof, and a layer of cured polyhydric alcohol-polybasic acid resin type varnish composition on the rubber, said varnish composition containing an amount of aluminum powder sufficient to form a sealer coat to prevent migration therethrough of oils and softeners contained in the rubber.

2,062,470
COOLING TUBE FOR DYNAMO-ELECTRIC MACHINES
Paul Alphonse Hubert Mossay, Norwich, England
Application March 28, 1934, Serial No. 717,696
In Great Britain April 3, 1933
10 Claims. (Cl. 171—252)



6. In an enclosed dynamo electric machine having a casing provided with openings for the reception of cooling tubes, a plurality of cooling tubes mounted on said casing and each comprising two sheet metal parts having straight portions, bends at the ends and perimetral flanges, and an intermediate metal plate, said parts being placed together with their flanges in corresponding relation and with the intermediate plate between and in contact with said flanges, said flanges and plate being fixed together, and the bends of said tubes being inserted in the openings in said casing and suitably secured thereto.

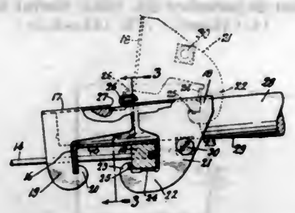
2,062,471
APPARATUS FOR THE MANUFACTURE OF PAPER
James M. Murray, Mount Vernon, N. Y., assignor to International Paper Company, New York, N. Y., a corporation of New York
Application January 29, 1935, Serial No. 3,962
4 Claims. (Cl. 92—44)



1. In a paper machine, a head box, means to convey stock thereto, a forming wire, means for conveying stock from said head box to said wire comprising a downwardly inclined nozzle having converging side walls, flow evening means located adjacent the inlet end of said nozzle and means in said head box to prevent the surging of stock against said evening means.

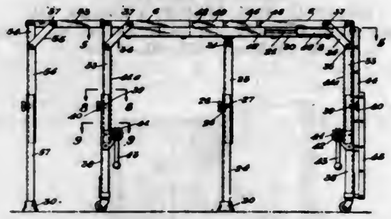
2,062,472
HANDLE CLAMP
Sebastian P. Neuhausen, Lombard, Ill., assignor to Stampit Corporation, Lombard, Ill., a corporation of Illinois
Application February 1, 1935, Serial No. 4,543
3 Claims. (Cl. 306—1)

2. Means for connecting a handle to a rake having a transverse tine carrying member comprising a pair of hingedly connected clamp sections having cooperating arms for detachably engaging front and rear portions of said member, said sections defining with a portion of the upper surface of said member a socket for the reception



of a handle shaped to wedge said sections rigidly to said member, and means for securing the handle to one of said clamp sections to prevent withdrawal of the handle from wedging position within the socket.

2,062,473
INDOOR PORTABLE SCAFFOLD
Fredrick H. Norton, New York, N. Y.
Application January 21, 1935, Serial No. 2,632
8 Claims. (Cl. 304—29)



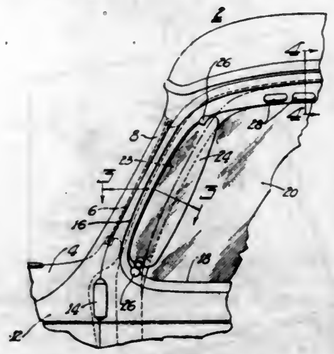
1. A scaffold comprising an elongate platform having an end extension, hinge means connecting the platform and its extension, said means having a top joint, vertical legs for the ends of the platform, an outer end leg for the extension, pivot means connecting the top of the outer leg and the extension, and a detachable brace for said extension and its associated leg, so that when the brace is detached the outer leg may be swung into alignment with the extension, the latter being then swingable, together with its leg, onto the top of the platform.

2,062,474
CURTAIN ROD CONSTRUCTION
Abram N. Pasman, Milford, Conn.
Application July 26, 1935, Serial No. 33,296
6 Claims. (Cl. 135—7.1)



1. A curtain rod construction including a tubular frame provided in its bottom portion with a plurality of spaced slots adapted to detachably receive and hold fastening members attached to a curtain or the like.

2,062,475
MOTOR VEHICLE
Clyde R. Paton, Birmingham, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application June 7, 1934, Serial No. 729,375
5 Claims. (Cl. 296—44)



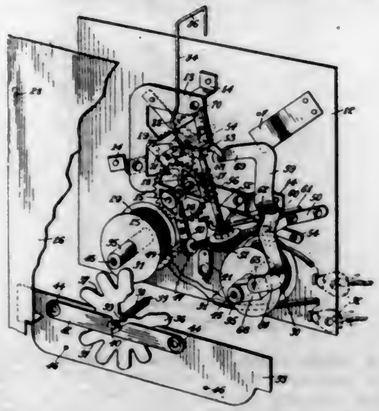
3. A construction for motor vehicles comprising in combination, a window frame having a window opening therein, and means for closing the opening entirely or bringing about inflow or outflow of air for ventilating purposes under the close control of the vehicle operator, said means including a window movable in the plane of the frame into position to close the opening or into position to provide an elongated aperture between a side edge of the window and the adjacent side of the window frame, and an air deflector positioned without the window for directing the outside air relatively to the said aperture, the window being adjustable to bring its side edge into any one of a plurality of positions relatively to the window frame side to provide elongated apertures of various widths, and the deflector being movable at will to bring its leading edge close to the plane of the window and in advance of the side edge thereof or its following edge close to the plane of the window and closely adjacent the side edge thereof, whereby the operator may bring about a movement of air in either direction of flow, through said aperture, and in the desired volume.

2,062,476
ELECTRIC CLOCK
Robert E. Pearson, Jr., Yonkers, and Henry F. Herman, Chappaqua, N. Y.
Application November 24, 1931, Serial No. 577,028
Renewed April 28, 1936
9 Claims. (Cl. 58—38)

1. In an electric clock, a dial plate of magnetizable material, a clock train supported by said dial plate, a pair of spaced coils juxtaposed to the dial plate, magnetizable cores extended through the coils, and an armature rotatably mounted between the coils with peripheral portions in proximity to the cores and operatively connected to the clock train and adapted to be rotated and actuate the clock train under the magnetic forces generated by the energization of the coils.

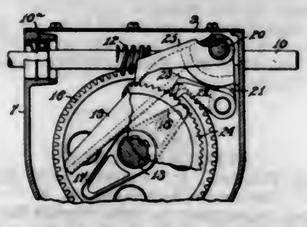
2. In an electric clock, a clock train, a pair of coils having cores of magnetizable material, an armature rotatably mounted between the coils with the peripheral portions adjacent the cores adapted to be rotated under the influence of the magnetic forces generated by the coils and operatively connected to the clock train, and a

lever of magnetizable material pivotally mounted intermediate its ends with one arm juxtaposed to a coil core and normally urged to position with said arm contacting with the core and held in contact therewith by magnetic attraction, and means to engage the other arm of the lever and exert a yielding force thereon against the mag-



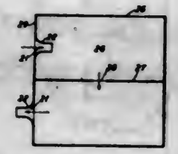
netic attracting force, said means being normally positioned out of engagement with the lever by a moving part of the clock train and adapted to be released at a predetermined interval of time and yieldingly engage the lever and the force thereof co-operating with the magnetic force to effect a vibrating of the lever and an intermittent engagement of the one lever arm with the core.

2,062,477
STOKER DRIVE
William W. Peck, Muncie, Ind.
Application July 14, 1934, Serial No. 735,164
3 Claims. (Cl. 74—124)



1. In a stoker drive, in combination, a casing, a drive shaft extending into said casing, a worm pinion mounted on said drive shaft, a driven shaft extending into said casing, a worm gear rotatably mounted on said driven shaft, and meshing with said pinion, a cam member operably connected to and rotated by said worm gear, a ratchet gear fixed on said driven shaft, an oscillating arm shaft, an oscillating arm oscillated by engagement with said cam member, a stop member on said oscillating arm shaft and a second stop member on said cam arm to limit the return movement of said cam arm, means for adjustably rotating said oscillating arm shaft to adjust the relative positions of said stops and pawls pivoted on said oscillating arm and adapted to engage the ratchet teeth on said ratchet gear during the positive movement of said arm under the action of said cam.

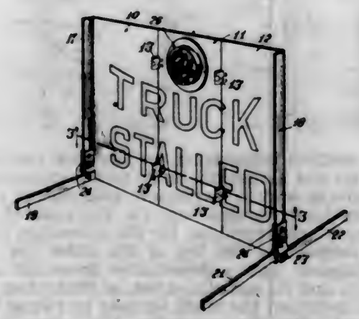
2,062,478
ACOUSTIC DEVICE
Robert R. Riesz, Mount Vernon, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application September 28, 1935, Serial No. 42,569
16 Claims. (Cl. 181—0.5)



1. An acoustic device comprising a wall member having an opening therein for the passage of sound wave energy, said opening offering a maximum impedance to the flow of sound energy therethrough in one direction and a minimum impedance to its flow in the opposite direction.

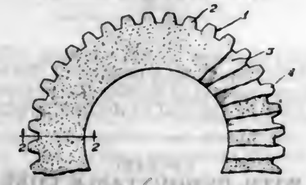
9. An acoustic filter embodying an acoustic rectifier.

2,062,479
SIGNAL DEVICE
Oliver C. Ritz-Woller, Chicago, Ill.
Application October 24, 1935, Serial No. 46,548
7 Claims. (Cl. 40—125)



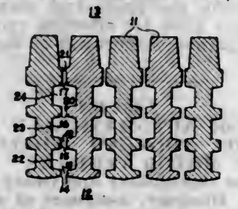
7. A highway signal device, comprising in combination three panel sections of sheet material, hinges connecting adjacent side edges of said panel sections for permitting the sections to buckle backwardly with respect to each other and having their pivot pins offset forwardly in advance of the faces of the sections, the end sections having their outer side edge portions bent forwardly in the form of flanges, a locking arm pivotally mounted on the back face of each of said end panel sections, clip means on the back face of the intermediate panel section adapted by engagement with said locking arms to hold said sections in face alignment with each other, two arms pivotally mounted on the lower end portion of each of said flanges at opposite faces of the flange and adapted to be swung in opposite directions into the form of a supporting base and adapted in such extended position to hold said panel in upright position on edge, means for maintaining said last named arms in operative position, and a reflector mounted on the front face of the intermediate panel section in position to be enclosed between the panel sections when folded together.

2,062,480
REENFORCED TOOTHED FRICTION DISK
Frederick C. Stanley, Bridgeport, Conn., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn., a corporation of New Jersey
Application March 17, 1933, Serial No. 661,260
3 Claims. (Cl. 192—107)



1. An annular friction disk comprising a body having relatively high frictional characteristics, constructed of compressed fibrous material, held together by a suitable binder and having splines integral with the body of the disk, said disk being provided with an endless metal reenforcing plate embedded in the body of the disk, said plate being also embedded in the splines and conforming in shape therewith, the outer faces of the disk comprising friction material whereby frictional engagement may take place at said outer faces.

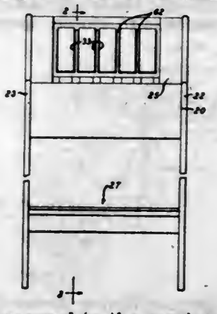
2,062,481
GRATE STRUCTURE
Earll R. Stone, Lansdowne, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application August 28, 1934, Serial No. 741,772
4 Claims. (Cl. 126—163)



2. In combustion apparatus, a grate including a plurality of bars arranged side-by-side to provide vertical passages between adjacent bars for supplying air from the space below the grate to the space thereabove, said bars having spaced lateral ribs at each side and extending longitudinally thereof, similar and opposed ribs on adjacent bars forming a plurality of orifices separated by enlarged chambers formed by the spaces between adjacent ribs, whereby each passage includes a plurality of orifices with the chambers arranged between successive orifices.

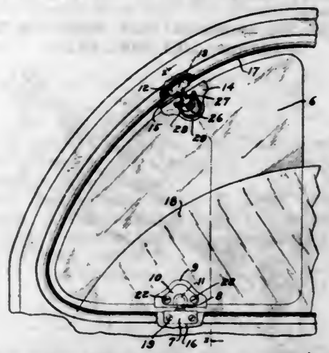
2,062,482
BOOK SUPPORT
Miles L. Svikhart, Garden City Park, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application March 9, 1935, Serial No. 10,260
8 Claims. (Cl. 312—34)

1. In a book support, book carriage means comprising a movable body having a book supporting surface, journal members on the said surface, a member pivotally supported in the journal members to be placed between the leaves of a book and to bridge across the back thereof from end to end to secure the book to the carriage means, and a pair of book guard members each pivotally secured to the carriage means and one book guard member including a flanged shield extending over one cover and one edge of



a closed book secured to the carriage means and the other book guard member including a flanged shield extending over the other cover and another edge of the book.

2,062,483
VENTILATING WING
Joel R. Thorp, West Allis, Wis., assignor to The Fulton Company, West Allis, Wis., a corporation of Wisconsin
Application May 20, 1935, Serial No. 22,295
3 Claims. (Cl. 296—84)

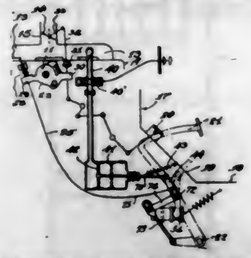


1. In combination with a main window having oppositely disposed reveal portions, a substantially triangular deflector shield, a bracket secured to the lower of said reveal portions and having a bearing ball projecting upwardly therefrom, a socket carried by the lower substantially horizontal edge of said shield and frictionally engaging said ball, another bracket secured to the other of said reveal portions and having a socket therein, another bearing ball associated with the upper inclined edge of said shield and frictionally engaging said bracket socket, one of said bearing balls being adjustable relative to its receiving socket, and means for locking said adjustable ball in various positions of adjustment.

2,062,484
IGNITION TIMING DEVICE CONTROL MECHANISM
Harold H. Timian, Detroit, Mich., assignor to Continental Motors Corporation, Detroit, Mich., a corporation of Virginia
Application October 21, 1933, Serial No. 694,540
7 Claims. (Cl. 192—.01)

1. In a device of the character described for an engine having an ignition timing device, a

clutch associated with said engine, a timer adjusting member associated with said ignition timing device, a throttle device for controlling engine fuel mixture supply, means connecting said clutch with said timer adjusting member and operable in response to clutch operation for adjusting said ignition timing device independently of the throttle device operation, and other means connecting said ignition timing device with the throttle device whereby to effect a further adjustment of said ignition timing device in response to the actuation of said throttle device.



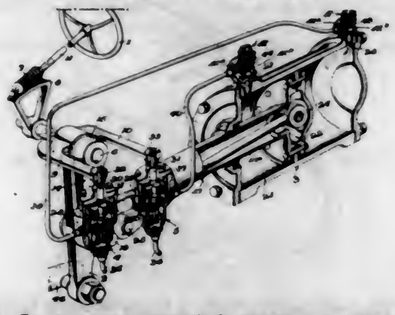
2,062,485

STEERING MECHANISM

Thomas J. Turek, Pittsburgh, Pa., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa., a corporation of Delaware

Application December 19, 1934, Serial No. 758,328

7 Claims. (Cl. 180—79.2)



1. In a power-operated steering mechanism, a manually-rotatable shaft, a pitman arm rotatably mounted thereon, a lever secured to said shaft and operatively associated at one end through a lost motion connection with said arm intermediate the ends of the latter, a fluid motor having a movable element connected with said arm, and reactive valve means carried by said lever and operable during movement of said lever with respect to said arm to control the flow of fluid to said motor.

2,062,486

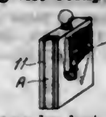
METHOD OF MAKING PYROPHORIC FLINTS

Charles H. Van Dusen, Jr., Cleveland Heights, and Edwin C. Dietrich, East Cleveland, Ohio, assignors, by mesne assignments, to Cooper Sparkelite, Ltd., Dover, Del., a corporation of Delaware

Application April 27, 1934, Serial No. 722,692

8 Claims. (Cl. 29—148)

7. The method of making a composite flint of a pyrophoric alloy and a protective covering which comprises casting the pyrophoric alloy into the form of a rod, enclosing the cast rod in a snugly fitting metallic sheath to form a composite ingot, reducing the composite ingot to form a rod of desired shape by hot working followed by cold working, removing a portion of the enclosing sheath from the rod to expose the pyrophoric alloy, and cutting the rod to desired lengths.



2,062,487

KNOB WITH DEMOUNTABLE CORE LOCK

Henry G. Voight, New Haven, Conn., assignor to Sargent & Company, New Haven, Conn., a corporation of Connecticut

Application August 15, 1935, Serial No. 36,253

14 Claims. (Cl. 70—91)



1. In a lock mechanism, a door knob, a lock core detachably mounted in the knob and withdrawable through the face of the knob, said core comprising a housing and a key barrel rotatably carried by the housing, means carried by the housing to automatically engage the knob when the core is inserted therein to releasably retain the core within the knob, and means movably carried by the knob for effecting release of said member to permit withdrawal of the core from the knob.

2,062,488

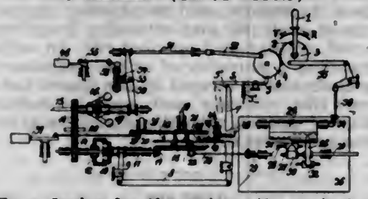
DEVICE FOR AUTOMATICALLY CONTROLLING THE TOOTHED WHEEL CHANGE GEAR OF MOTOR VEHICLES

Ladislaus von Hazslinszky and Georg von Lukács, Budapest, Hungary, assignors of one-third to Josef Lang, Budapest, Hungary

Application September 5, 1934, Serial No. 742,710

In Germany September 13, 1933

6 Claims. (Cl. 74—336.5)



4. In a device for the automatic control of the toothed wheel change gear of motor vehicles, the combination of shifting forks one for each of the different speed trains, an oscillatable catch with one end in said forks to engage the different speed trains, a shiftable stepped control member bearing against the other end of said catch to bring said catch into engagement with said forks, a control disc, means for transmitting the movement of said control disc to said control member, a governor driven by the engine, a sleeve carried by said governor, means for transmitting the movements of said sleeve to said control disc, a driving mechanism adapted to shift said catch longitudinally of said control member, a blocking mechanism for said driving mechanism, means cooperating with said control disc for disengaging said blocking mechanism in steps, and means for reengaging said blocking mechanism after every displacement of said catch by said driving mechanism.

2,062,489

WEASAND PRODUCT AND METHOD OF PREPARING

Nicholas M. Adams, Chicago, Ill., assignor to Wilson & Co., Inc., a corporation of Delaware

Continuation of application Serial No. 725,188, May 11, 1934. This application March 6, 1935, Serial No. 9,687

10 Claims. (Cl. 17—45)



1. The method of preparing a stripped weasand product, which comprises treating beef weasands to loosen a portion of the mucous membrane layer, stripping the loosened portion therefrom, and curing said stripped weasand.

2,062,490

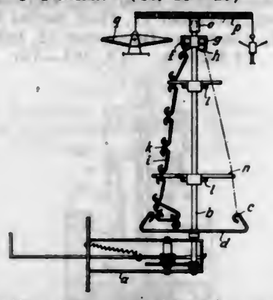
GYRATING TOY

Karl Arnold, Nuremberg, Germany

Application May 8, 1935, Serial No. 20,390

In Germany January 12, 1935

5 Claims. (Cl. 46—47)



1. A gyrating toy, comprising in combination a driving shaft, two plates shiftable on and rotatable with said shaft, a driving mechanism adapted to rotate said shaft, bent over ends on said plates, and chains composed of separate links connecting said bent over ends and adapted to swing out under centrifugal force during the rotation of said shaft to simulate a solid configuration.

2,062,491

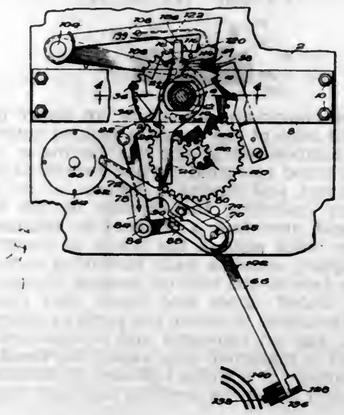
CLOCK

Pennie R. Ayres, Roanoke, Va.

Application March 17, 1933, Serial No. 661,350

7 Claims. (Cl. 58—38)

1. In a striking clock including a time train and a hand arbor driven thereby, the combination of a rotary member mounted concentric to said arbor, energy storing means urging said member in one direction of rotation, power driven means adapted to rotate said member in the opposite direction, a pair of cooperating stops operatively connected to said arbor and member respectively, and adapted to variably limit the rotation of said member in the one direction in accordance with the position of the hand arbor, means normally preventing rotation of the member in one direction and for releasing it at predetermined times, and means for controlling the operation of the power driven means.



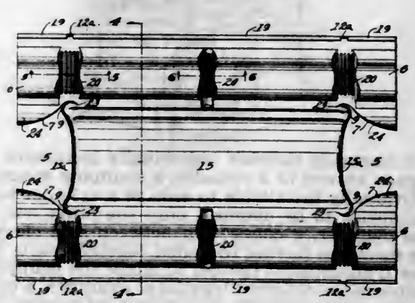
2,062,492

GRAVE VAULT HOOD

Allen F. Beck, Columbus, Ohio, assignor to The Clark Grave Vault Company, Columbus, Ohio, a corporation of Ohio

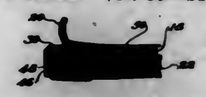
Original application June 8, 1933, Serial No. 674,865, now Patent No. 2,033,809, dated March 10, 1936. Divided and this application November 22, 1935, Serial No. 51,134

3 Claims. (Cl. 27—35)



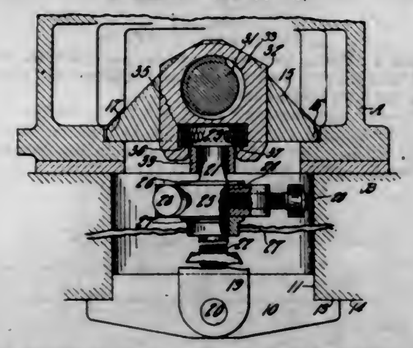
1. A new article of manufacture, a sheet metal grave vault hood comprising transversely spaced, longitudinally extending substantially vertically disposed side walls, a longitudinally extending and substantially horizontally disposed top wall, the latter being integral with the side walls, wing sections integral with the opposite longitudinal ends of each of the side walls and disposed substantially perpendicularly to said side walls to form the vertical end walls of the hood, and vertically extending post members integral with the side and end walls.

2,062,493
SHOE
Maurice J. Bernstein, Brighton, Mass., assignor to Panther-Panco Rubber Co. Inc., Chelsea, Mass., a corporation of Massachusetts
Application November 14, 1935, Serial No. 49,728
1 Claim. (Cl. 36—14)



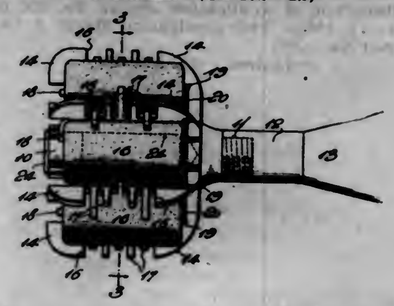
A shoe comprising an insole, an upper lasted about the edge of the insole, a molded outsole of rubber composition or the like having a raised and thickened marginal portion extending about the forepart and having a contour at its inner boundary matching the contour of the lasted upper and providing a channel in conjunction with the outer edge of the insole to receive the lasted upper, securing nails embedded below the opposite face of the outsole, passing through the outsole, lasted upper and insole and clinched within the insole to secure the parts in assembled relation, and an embossed and ornamented flap providing a marginal area about the tread face of the outsole of a width sufficient to include the area within which the securing nails are inserted.

2,062,494
CLAMPING MEANS
John Y. Blazek, Maple Heights, and Russell G. Anderson, Cleveland, Ohio, assignors to Lempco Products, Inc., Bedford, Ohio
Application December 21, 1933, Serial No. 703,494
1 Claim. (Cl. 77—2)



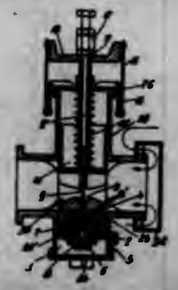
A clamping member individually installable to engage an end of a cylinder, a clamping member individually installable to engage a cylinder boring device to be clamped onto the other end of said cylinder, a connection between said clamping members having threaded together parts for length adjustment thereof to adapt the clamping members for different lengths of cylinders, a connection automatically engaging said boring device upon installation of said device and automatically releasing therefrom upon removal of said device from said cylinder, a cam means to move said clamping members relatively for clamping said device onto said cylinder and releasing the same therefrom, said cam means including a part concentric with the axis of said cam means and being journaled in one part of said connection and a part eccentric with said axis being journaled in another part of said connection, said cam having a cam surface composed of an eccentric portion and a concentric portion, said concentric portion to release the cam for endwise removal thereof from the device and to release the clamping and said eccentric part to move said clamping members for clamping said device onto said cylinder and to release the same therefrom, and means for rotating said cam means to effect clamping and unclamping and releasing of said cam means.

2,062,495
AMMUNITION
Harold M. Brayton, Teaneck, N. J.
Application September 19, 1934, Serial No. 744,726
5 Claims. (Cl. 102—12)



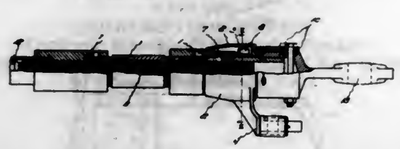
1. A projectile having radial fins, capsules of impelling powder extending longitudinally between said fins and projecting forwardly therefrom, means for holding said capsules between said fins, fingers secured to and projecting forwardly from said front ends of said capsules, and a tie surrounding said fingers and securing the front ends of said capsules in place.

2,062,496
CARBURETOR
Otto Brökel, Hamburg, Germany
Application December 21, 1934, Serial No. 758,690
In Germany December 22, 1933
10 Claims. (Cl. 261—44)



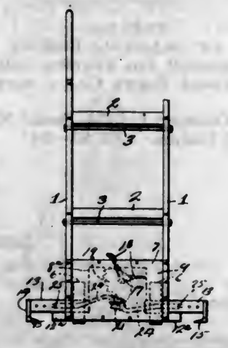
1. In a carburetor for internal combustion motors, in combination, a fuel chamber, an air-fuel conduit, communicating with said fuel chamber, means for regulating the flow of fuel into the air-fuel conduit, other means for regulating the flow of the air-fuel mixture through the said conduit, a compressible capillary body arranged in the fuel chamber and being adapted to cause the fuel to enter the said air-fuel conduit as vapor, a holder for the capillary body arranged between the fuel chamber and the air-fuel conduit, communication channels between the fuel chamber and the air-fuel conduit formed in the said holder, and still other means for compressing the said capillary body.

2,062,497
AUTOMATIC SLACK ADJUSTER
Bert Henry Browall, Malmo, Sweden, assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden, a corporation of Sweden
Application July 8, 1935, Serial No. 30,375
In France July 20, 1934
6 Claims. (Cl. 188—202)



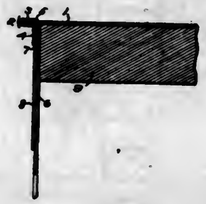
1. An automatic slack adjuster for vehicle brakes, especially railway car brakes, which include a brake piston, brake shoes and a brake rigging connecting the brake shoes to the brake piston, comprising in combination a screw connection which is adapted to be mounted in the brake rigging and includes a rotatable part, an operating member which is rotatable about the axis of the screw connection and is adapted to be rotated positively in dependence upon the brake piston travel in one direction at the application of the brake and in the reverse direction at the release of the brake, means connecting the rotatable part of the screw connection to the rotatable operating member and comprising a one-way clutch capable of transmitting rotation in slack reducing direction to the rotatable part of the screw connection from the operating member when the latter is rotated in the aforesaid reverse direction and, in addition to said one-way clutch, a device providing between the rotatable part of the screw connection and the rotatable operating member a rotary idle motion of a sufficient order for causing the slack reducing movement of the rotatable part of the screw connection to take place only towards the end of the reverse movement of the operating member at the release of the brake.

2,062,498
HAND TRUCK
James Augustus Byington, Orlando, Fla.
Application December 19, 1935, Serial No. 55,261
9 Claims. (Cl. 214—65.5)



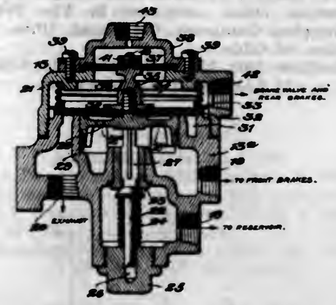
1. The combination with a hand truck, of means for gripping receptacles, said means comprising a casing anchored to the truck, outwardly and inwardly movable gripping arms carried by opposite sides of the casing, a rockable gear segment within the casing, an interrupted gear within the casing and meshing with the gear segment, link connections between the gripping members and the interrupted gear at spaced points in relation to the interrupted gear and means cooperating with the gear segment for rocking the same.

2,062,499
SHELF TRIMMING
Moses Caplan, Boston, Mass.
Application August 1, 1935, Serial No. 34,252
3 Claims. (Cl. 41—10)



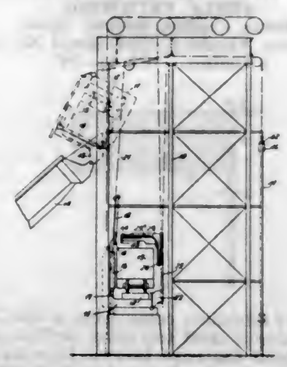
1. A shelf trimming comprising a sheet of material forming a shelf top cover section, a break member about the edge thereof forming a relatively stiff projecting lip, and a shelf edge cover section and a second break member secured to the edge of the folded first break member and to the shelf top cover section, and falling close to the shelf edge.

2,062,500
BRAKE MECHANISM
Roger H. Casler and Wilfred A. Eaton, Pittsburgh, Pa., assignors to Bendix Westinghouse Automotive Air Brake Company, Pittsburgh, Pa., a corporation of Delaware
Application April 27, 1932, Serial No. 607,858
9 Claims. (Cl. 188—152)



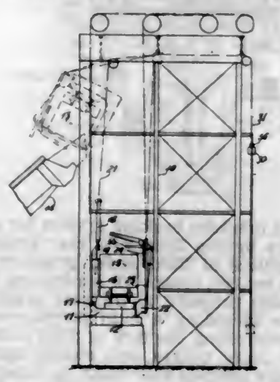
7. A fluid pressure braking system for automotive vehicles having front and rear brakes comprising a source of fluid under pressure, actuators for the brakes, means for controlling the flow of fluid under pressure to the rear brake actuators, means including a fluid pressure-operated valve for controlling the flow of fluid under pressure to the front brakes, and means operable to automatically operate said valve to interrupt the flow of fluid under pressure to the front brake actuators when the pressure in the latter bears a predetermined ratio to the pressure of the fluid in the rear brake actuators, said last named means including a pair of pressure sensitive diaphragm elements subject to the pressure of the fluid supplied to the rear brake actuators, one of said diaphragm elements preventing communication between said front and rear actuators.

2,062,501
HOOD FOR CAR DUMPERS
Arthur F. Case, Cleveland, and Joseph P. Doyle, Lakewood, Ohio, assignors to The Wellman Engineering Company, Cleveland, Ohio, a corporation of Ohio
Application June 15, 1933, Serial No. 675,921
21 Claims. (Cl. 214—123)



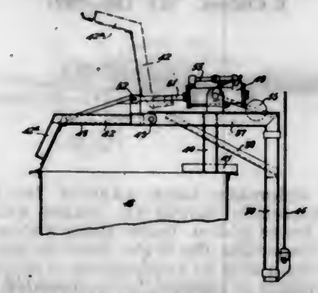
1. In a car dumper, a car receiving cradle adapted to be turned to dump a car thereon, a hood extending transversely of the cradle part way toward but terminating short of the dumping side thereof and partially covering a car on said cradle, and means on said cradle only at the side thereof opposite to the dumping side for mounting said hood on said cradle for bodily vertical movement relative thereto.

2,062,502
HOOD FOR CAR DUMPERS
Arthur F. Case, Cleveland, and Joseph P. Doyle, Lakewood, Ohio, assignors to The Wellman Engineering Company, Cleveland, Ohio, a corporation of Ohio
Application July 13, 1933, Serial No. 680,276
32 Claims. (Cl. 214—123)



1. In a car dumper, a car receiving cradle adapted to be turned to dump a car thereon, a hood extending transversely of the cradle toward the dumping side thereof and adapted to bear upon the material in the car, means pivotally connecting said hood to said cradle, and means associated with said cradle and said hood for automatically swinging said hood upwardly as said cradle reaches car receiving position.

2,062,503
HOOD FOR CAR DUMPERS
Arthur F. Case, Cleveland, Ohio, assignor to The Wellman Engineering Company, Cleveland, Ohio, a corporation of Ohio
Application April 26, 1934, Serial No. 722,477
37 Claims. (Cl. 214—123)

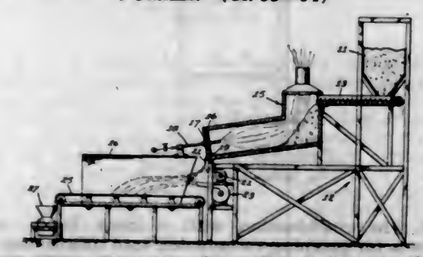


1. In a car dumper, a car receiving cradle adapted to be turned to dump a car thereon, a hinged hood operatively connected with said cradle extending transversely toward the dumping side thereof and adapted to overlie the material in the car, and means controlled by the dumping movement of the cradle for effecting a controlled positively retarded swinging movement of the hood during a portion of said dumping movement.

2,062,504
PROCESS FOR IMPROVING THE WETTING OUT PROPERTIES OF MATERIALS
Cecil Chapman, Pinner, England, assignor to Monsanto Chemicals Limited, London, England, a British company
No Drawing. Application December 4, 1934, Serial No. 756,008. In Great Britain December 12, 1933
6 Claims. (Cl. 252—1)

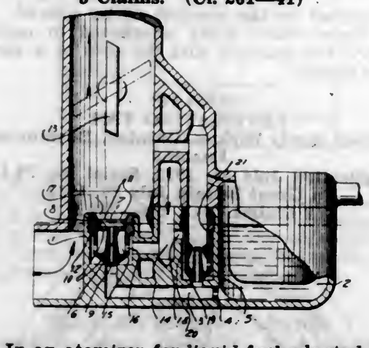
6. A method of treating absorbent materials to improve their absorbent properties which comprises impregnating the material in the absence of other organic compounds with a compound selected from the group consisting of 2-chlor-5-hydroxy-toluene and 4-chlor-1-hydroxy-3-5-dimethyl benzene.

2,062,505
METHOD OF MAKING BORAX GLASS
Frederick W. Corkill, Los Angeles, Calif., assignor to Pacific Coast Borax Co., a corporation of Nevada
Application October 1, 1934, Serial No. 746,342
5 Claims. (Cl. 83—94)



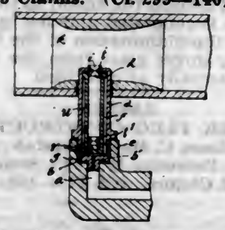
1. The method of making pulverized borax glass which comprises: fusing sodium tetraborate to produce a molten mass of borax glass; subjecting a freely falling stream of said molten material to the action of an air blast of relatively low velocity and large volume to disintegrate and chill the same without the formation of stringers, thereby causing the molten borax glass to solidify in small particles; collecting the borax glass particles so formed; and grinding the said borax glass particles.

2,062,506
CARBURETING DEVICE
Yesdimir Djordjevitch, Paris, France
Application October 23, 1935, Serial No. 46,396
In France October 24, 1934
5 Claims. (Cl. 261—41)



1. In an atomizer for liquid fuel adapted to be submitted to suction from the admission pipe of a motor including a pivoting throttle valve, the provision of a closed mixture chamber the axis of which is directed towards the throttle valve provided with two opposite thin flat solid walls, ports being arranged near the periphery of each of said walls solely along two diametrically opposed portions of said wall to either side of a diameter parallel to the pivoting axis of the throttle valve, the ports in one wall lying in front of the ports in the other and an admission duct for the fuel being provided through the center of one of said walls.

2,062,507
ATOMIZER
Herbert Francis Ray Ray-Engleheart, London, England
Application March 15, 1934, Serial No. 715,731
In Great Britain March 16, 1933
3 Claims. (Cl. 299—140)



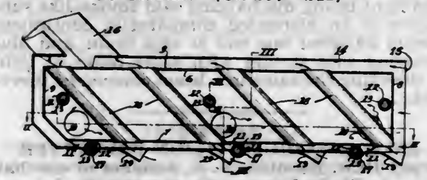
2. In an atomizer, a first tubular member providing an inner tubular passage, an end cap member having an axial bore and a plane end surface of considerably greater area than the cross-sectional area of the bore and extending at right angles to the axis of said bore, a second tubular member concentric with said first tubular member and providing an outer annular passage, one end portion of said second member housing an annular member providing a convergent conical passage and a divergent conical passage in succession, said first tubular member having an inner annular surface parallel to the end surface of the end cap member, said annular surface being so disposed with respect to said end surface as to provide a peripheral slit at right angles to said axial bore, means for supplying fluid through said bore to said tubular passage and means for supplying fluid to said slit through said annular passage.

2,062,508
VACUUM CLEANER NOZZLE
Ernst Faber, Stuttgart, Germany
Application July 27, 1935, Serial No. 33,582
In Germany January 4, 1935
4 Claims. (Cl. 15—155)



1. A vacuum cleaner nozzle comprising a nozzle head, formed with two suction apertures, one for dust and one for loose threads and the like, a contact surface surrounding the suction apertures and adapted to bear against a carpet or the like to be cleaned, a partition between the two suction apertures, extending nearly but not quite into the contact surface, a source of suction communicating directly with the dust suction aperture and communicating only through the gap under the said partition with the thread suction aperture, an air control member mounted on the nozzle head, the nozzle head being formed with a passage whereby the air control member communicates with the thread suction aperture, the cross-sectional area of the thread suction aperture, and of the air gap below the partition being substantially less than that of the dust suction aperture, means for supplying air to the air control member, and means for operating the air control member in such a way that in one position a current of air from the air control member flows through the passage and underneath the partition into the dust suction aperture, whereas in the other position of the air control member no air is supplied through the said passage.

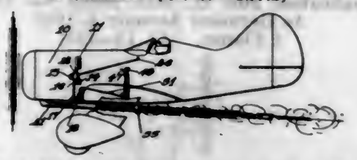
2,062,509
AUTOMOBILE HEATER
Charles M. Francisco and Charles P. Roberts, Columbus, Ohio, assignors to Francisco Auto Heater Company, Columbus, Ohio, a corporation of Ohio
Application July 17, 1935, Serial No. 31,848
10 Claims. (Cl. 257—241)



1. An automobile heater comprising a manifold casing formed to be directly secured to the side of an engine to receive therefrom heated exhaust gases, spaced open-ended tubes arranged angularly with respect to the vertical and passing through said manifold from the top to the bottom thereof and around which tubes the heated exhaust gases pass while traveling through said casing, a gas outlet at one end of said casing, and a sheet metal housing surrounding said manifold and secured to the side of said engine in

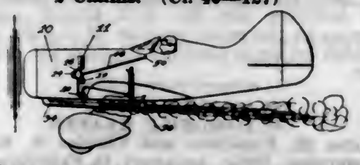
spaced relationship from the walls of said manifold, said housing being open at its front end and being adapted to communicate at its rear end with the interior of a motor vehicle body.

2,062,510
AIRCRAFT ADVERTISING
John C. Haddock, Wilkes-Barre, Pa., and Zantford D. Granville, Springfield, Mass.; Alta M. Granville administratrix of said Zantford D. Granville, deceased
Application April 13, 1932, Serial No. 605,070
4 Claims. (Cl. 40—127.1)



1. In a smoke producing apparatus, a heated conduit, means for introducing a smoke producing substance under pressure, and means for maintaining a constant pressure, said means comprising a pressure control valve, said valve having means for adjusting to a predetermined pressure, emission means comprising a needle control and a nozzle, said needle located in close proximity to the nozzle, and means for creating a meteor or comet effect, said means including a searchlight directly in front of the heated conduit outlet so that the stream of smoke-like substance will pass around and over said searchlight.

2,062,511
METHOD FOR CREATING AERIAL EFFECTS
John C. Haddock, Wilkes-Barre, Pa., and Zantford D. Granville, Springfield, Mass.; Alta M. Granville administratrix of said Zantford D. Granville, deceased
Original application April 13, 1932, Serial No. 605,070. Divided and this application November 20, 1933, Serial No. 700,180
2 Claims. (Cl. 40—127)



1. The method of producing a meteor or comet effect in the air, with an aircraft, which consists of providing a light beam, generating a smoke-like substance in close proximity to the source of said light beam, discharging said smoke-like substance in an elongated comparative continuous stream adjacent one end of said beam, and illuminating said stream with same beam of light by directing the same in a beam coincident therewith.

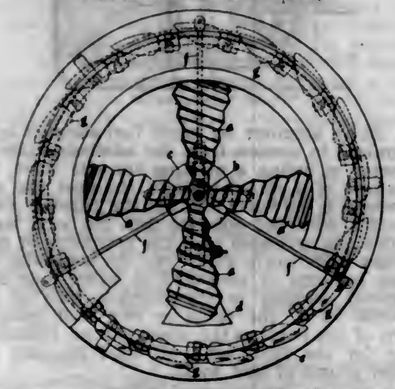
2,062,512
MOTOR VEHICLE VISION-PRESERVER
Dewey Hine, Boonton, N. J., assignor of one-half to Philip Farnsworth, Summit, N. J.
Application January 25, 1930, Serial No. 423,293
28 Claims. (Cl. 296—97)

1. A motor-vehicle night-time vision-preserver including a light-reflector, a light-receiver and a vision-shield all three mounted on the vehicle out of the line of road-vision therefrom; the reflector being inclined longitudinally of the vehicle in position receiving light from lamps ahead of and facing the vehicle and reflecting such light; the light-receiver being in position at an angle to the reflector receiving light therefrom and transmitting said light to a space in said line of road-vision; at least one of the reflectors and receiver including colored material causing the light



transmitted by the receiver to be colored; and said vision-shield being interposed in position between the reflector and the eyes of a person in the vehicle.

2,062,513
VENTILATING FAN
William Hardy Hipkiss, Quinton, Birmingham, England
Application July 18, 1935, Serial No. 32,108
In Great Britain July 26, 1934
2 Claims. (Cl. 230—249.5)



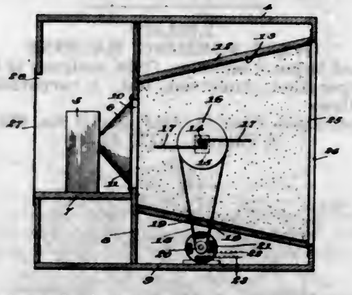
1. In ventilating fans, the combination of a fan having a plurality of blades which are transversely corrugated, an annular shield arranged in front of and around the fan so that the front of the fan blades is visible through the opening in the annular shield, and a plurality of electric lamps arranged to illuminate the front of the fan blades and mounted behind the shield so that the front of the lamps is concealed and the optical effects produced by the illumination of the fan blades is unaffected by direct glare from the front of the lamps, substantially as described.

2,062,514
SPARK PLUG CONSTRUCTION
Addison C. Hoof, Hinsdale, Ill.
Application February 19, 1935, Serial No. 7,230
8 Claims. (Cl. 123—169)



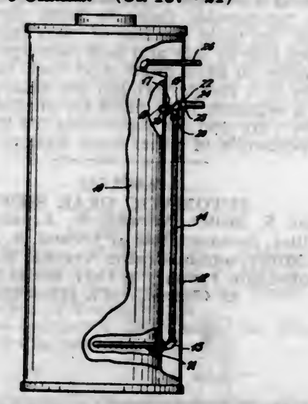
1. A spark plug having a metal shell, a basalt insulator and a metal conductor mounted in said insulator.

2,062,515
TREMOLO DEVICE
Frederick A. Hoschke, South Haven, Mich.; Wilhelmina Hoschke executrix of said Frederick A. Hoschke, deceased
Application February 26, 1935, Serial No. 8,384
5 Claims. (Cl. 181—27)



1. A tremolo device for loud speakers having a cone, comprising a flare-horn for conducting the sound from the cone, a grille cloth covering one end of said flare-horn, a fan disposed within the flare-horn between the grille cloth and the cone, and means for actuating the fan at will.

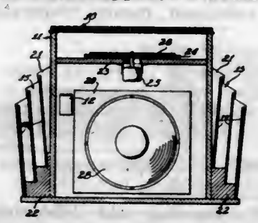
2,062,516
ANTI-SIPHONING DEVICE
Truman H. Jones, Louisville, Ky., assignor to Hoffman Gas & Electric Heater Company, Louisville, Ky., a corporation of Delaware
Application January 14, 1936, Serial No. 59,085
6 Claims. (Cl. 137—21)



1. A cold water connection for water heaters, comprising a hollow threaded portion adapted to be mounted in a wall of a tank, a threaded portion adapted to be connected with an incoming water pipe, and a threaded portion adapted to be connected with a downwardly extending pipe leading to the water intake element of the tank, the first named portion of said connection being closed except for a restricted air vent adapted to communicate with the interior of the tank.

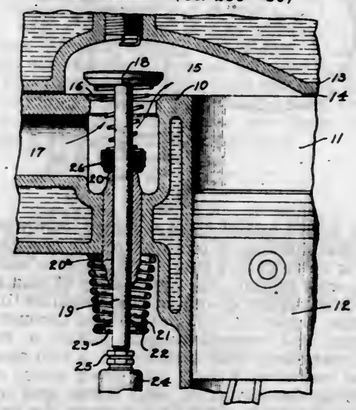
2,062,517
PHONOGRAPH CABINET
Leo J. Kelly, Chicago, Ill., assignor to Exhibit Supply Company, Chicago, Ill., a corporation of Illinois
Application October 3, 1935, Serial No. 43,307
1 Claim. (Cl. 312—8)

A phonograph cabinet and rack structure comprising a cabinet or housing member with side wall portions, a rack bottom block attached to a said side wall portion having a plurality of relatively horizontal stepped levels with step walls



or rises therebetween tilted inwardly of said block, partition members secured co-extensively to said step walls or rises, and end or closure plates for said block and partition members.

2,062,518
VALVE STEM PACKING
Albert C. Lindbloom, Chicago, Ill., assignor to Lindbloom Auto Parts Company, Chicago, Ill., a corporation of Illinois
Application July 20, 1934, Serial No. 736,148
1 Claim. (Cl. 286—30)

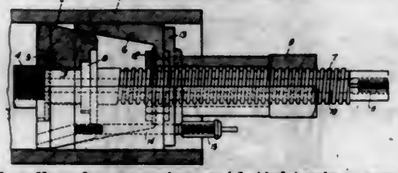


A packing for intake valve stem of internal combustion engines comprising a felt-like material adapted to closely surround said valve stem, and a spring consisting of a single piece of coiled wire having one end adapted to bear against the head of the valve while the opposite end is formed to provide a cup to enclose the felt and to press the same about the valve stem the central portion being gradually reduced in diameter to a point near the cup.

2,062,519
TESTING PLUG
Johan Wilhelm Ljungberg, Jonkoping, Sweden
Application March 30, 1935, Serial No. 13,971
In Sweden March 31, 1934
1 Claim. (Cl. 138—90)

A pipe testing plug for closing a pipe in order to test the tighteners of a pipe joint, consisting of a conical pressing member, a tightening cap of resilient material having a conical inner surface, said cap being pressed against the inner surface of the pipe with a tight fit when the pressing member is forced axially into the cap and presses against the inner wall thereof, a screw extending through the tightening cap, means swiv-

elly supporting the pressing member on the screw, a nut engaging said screw and provided with an extension, a collar formed on the inner end of the extension, means cooperating with



said collar for securing said tightening cap to said extension, the outer end of said screw normally protruding through the nut being provided with means for turning the screw.

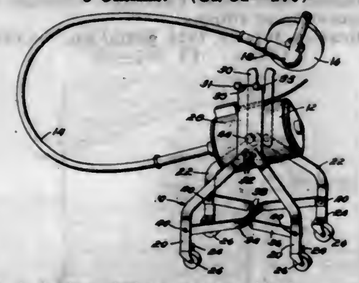
2,062,520

PORTABLE POWER TOOL AND MOUNTING

Arthur William Mall, Chicago, Ill.

Application February 12, 1935, Serial No. 6,226

6 Claims. (Cl. 51—170)



5. A device of the class specified, comprising a strap metal frame, a plurality of leg portions extending downwardly therefrom, casters mounted at the ends thereof, the upper ends of said frame extending vertically and having openings therein, a motor, a pair of studs extending through said openings and secured to said motor, a flexible shaft extending from said motor, a tool mounted on the end of said shaft, and strap metal means extending upward from said frame and formed with a socket for rigidly supporting the take-off end of said shaft or supporting said motor in a horizontal position.

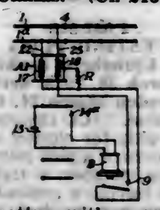
2,062,521

RAILWAY TRACK CIRCUIT APPARATUS

Paul N. Martin, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application November 23, 1933, Serial No. 699,381

13 Claims. (Cl. 246—41)



7. In combination with a section of railway track and a source of current connected across the rails of said section, a track relay and an auxiliary relay, a pickup circuit for said track relay connected across the rails of the section and including a front contact of said auxiliary relay, a holding circuit for said track relay connected across the rails of the section and including a front contact of said auxiliary relay, and a circuit for energizing said auxiliary relay including a back contact of said track relay.

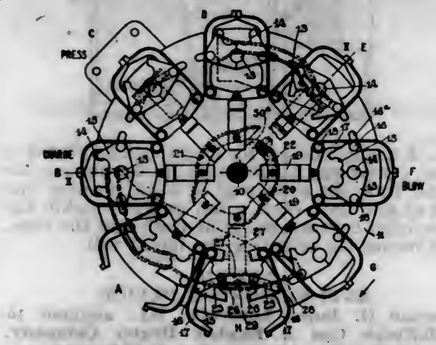
2,062,522

GLASS FORMING MACHINE

Edward Miller, Columbus, Ohio, assignor to Lynch Corporation, Anderson, Ind., a corporation of Indiana

Application June 12, 1933, Serial No. 675,432

25 Claims. (Cl. 49—9)



1. In a glass forming machine, a pair of pivoted cage members, each member of the pair carrying a section of a parison and a blow mold with registerable faces to form the respective molds, the mold sections of each cage being arranged side by side and said faces lying in planes at angles to each other, and each face at right angles to a radius through the axis of the pivot and a separate neck mold for shaping the neck of the ware and for supporting the glass parison independently of either mold section.

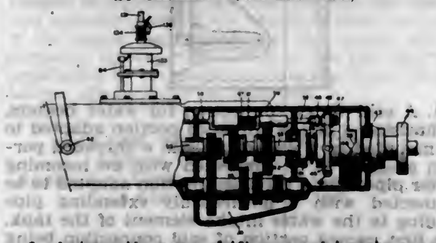
2,062,523

AUTOMATIC GEAR SHIFT

Lester S. Miller, Verona, N. J., and Frank J. Miller, deceased, late of Verona, N. J., by Lester S. Miller, administrator, Verona, N. J.

Application January 3, 1934, Serial No. 705,142

25 Claims. (Cl. 192—.01)



1. Automatic gear shift comprising in combination, a transmission gear box having an H-movement for shifting, and torque responsive means for shifting gears in said gear box.

2,062,524

WINDOW DEVICE

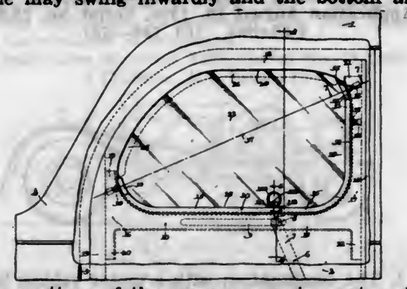
Bert N. Parmenter, Lake Forest, Ill.

Application May 6, 1935, Serial No. 20,013

12 Claims. (Cl. 296—44)

1. A window construction comprising a pane and bearings so arranged and constructed as to

support the pane for movement about a diagonal axis whereby the top and front portions of the pane may swing inwardly and the bottom and



rear portions of the pane may swing outwardly for flow of air over and past the former portions and also under and past the latter portions.

2,062,525

BOX MOVING MECHANISM

Carl Harvey Paxton, Orange, Calif., assignor, by mesne assignments, to Food Machinery Corporation, a corporation of Delaware

Application November 26, 1932, Serial No. 644,514

3 Claims. (Cl. 1—10)



1. A box moving mechanism for box machines comprising a carriage slidably mounted on the machine, a dog pivotally mounted on the carriage, means operatively connecting the dog to the machine for actuation thereby in one direction, and resilient means connected with the dog for actuating said dog in the opposite direction and for moving the box.

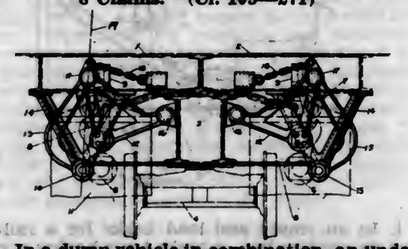
2,062,526

DUMP CAR

Alfred K. Pehrson, Bellevue, Pa., assignor, by mesne assignments, to Koppel Industrial Car and Equipment Company, McKees Rocks, Pa., a corporation of Pennsylvania

Application January 6, 1932, Serial No. 584,986

8 Claims. (Cl. 105—271)



1. In a dump vehicle in combination, an underframe, a body tiltable about each side of the underframe on trunnions, a power source adjacent each side of the underframe, a lever mounted on the moving portion of each power source and fulcrumed on the underframe inwardly of said mounting, a depending bracket adjacent each side of the body and having its lower extremities depending below the connection of the lever to the power source when the body is in horizontal position, and a member connected to the lower extremity of the bracket and to the free end of the lever.

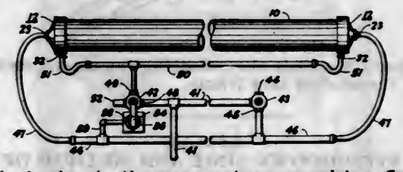
2,062,527

PIPE TESTING APPARATUS

William R. Postlewaite, San Francisco, Calif., assignor to Standard Oil Company of California, San Francisco, Calif., a corporation of Delaware

Application February 25, 1935, Serial No. 7,987

8 Claims. (Cl. 73—51)



1. A pipe testing apparatus comprising fluid-actuated means for closing the end of a pipe, a source of fluid pressure, a valve adapted selectively to admit and release pressure fluid to said first named means, operating means for said valve, a second valve adapted selectively to admit and release pressure fluid to said pipe to test the same, and interlocking means responsive to the position of said second valve and adapted to engage the operating means for said first valve, whereby said first valve will be retained in position to admit pressure fluid to said fluid actuated means so long as said second valve is in position to admit pressure fluid to said pipe.

2,062,528

METHOD OF MAKING SHOES

Clarence E. Roeder, Melrose, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application August 15, 1935, Serial No. 36,350

8 Claims. (Cl. 12—142)



1. That improvement in methods of making shoes which consists in locating a tape lengthwise between the marginal portion of a shoe upper and the marginal portion of the outer face of an insole relatively to which the upper is to be secured in lasted position, said tape being normally non-tacky but being rendered tacky by heat, working the upper into lasted relation to the insole, and applying heat to the marginal portion of the upper to render the tape adhesive and thus cause the upper to become permanently stuck to the insole.

2,062,529

VIBRATORY SCREEN

Jean Sahut, Raismes, France

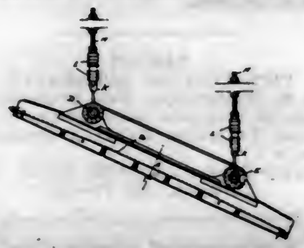
Application March 20, 1935, Serial No. 12,062

In France March 31, 1934

2 Claims. (Cl. 209—326)

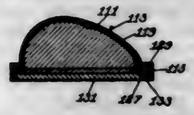
1. A screening apparatus which comprises, in combination, an inclined rigid frame, a screen stretched between the upper and lower ends of said frame, two horizontal shafts journalled in said frame, one near the upper end thereof and the other near the lower end of said frame, un-

balanced masses carried by said shafts respectively, means for driving said shafts with different



respective speeds of revolution, and elastic means for suspending said frame.

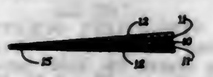
2,062,530
STITCHDOWN SHOE AND METHOD OF MANUFACTURE
Eckard F. Schmidt, Milwaukee, Wis., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application October 16, 1934, Serial No. 748,509
9 Claims. (Cl. 12—142)



1. The method of making a stitchdown shoe which comprises mounting an assembled upper together with an extension innersole upon a last, inserting a short toe stiffener, simultaneously shaping the toe stiffener and the toe portion of the upper, including forming a portion of said upper but not of said stiffener with an outturned flange, causing said flange to be fastened temporarily to the extended margin of the extension innersole so as to maintain the shape imparted to the toe stiffener, and thereafter lasting the shoe and permanently fastening said outturned flange to said innersole.

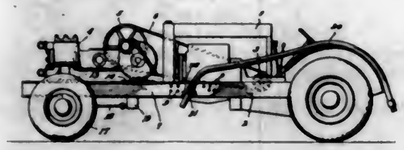
8. A stitchdown shoe comprising a lining and an upper both of which have outturned flanges, a toe stiffener between the upper and the lining, the lower edge of said stiffener substantially abutting the outturned flange of the lining and having itself no outturned flange, an extension innersole, and stitches located outside the toe stiffener and passing through the bases of the outturned flanges of the upper and lining and through the extension innersole.

2,062,531
BAKER'S PEEL
Henry L. Schroeder, Chicago, Ill.
Application April 29, 1933, Serial No. 668,477
3 Claims. (Cl. 107—67)



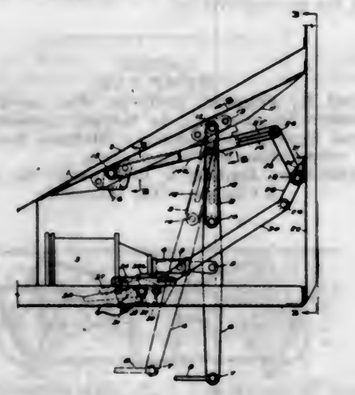
1. In a composite wooden baker's peel, an inner core with a tapered tip, veneered wooden sheets of uniform thickness attached to each other and to the tapered tip at each side, overlapping the core, and the inner veneered sheets contacting with each other beyond the tip and adhesively secured together.

2,062,532
PORTABLE PUMP
Francis A. Smalley, Blackwell, Okla.
Application August 19, 1935, Serial No. 36,897
4 Claims. (Cl. 180—53)



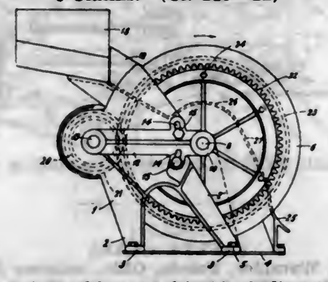
1. The combination with a motor vehicle having a chassis frame including side bars, an auxiliary frame having side bars, the auxiliary frame being disposed in front of the vehicle with rear portions of its side bars disposed in overlapping relation to side bars of the vehicle frame and bearing against side faces thereof, fasteners passed through the overlapped portions of the side bars of the auxiliary frame and vehicle frame, said auxiliary frame having a cross bar extending between and secured to its side bars in position to bear against the forward end of the vehicle frame, front and rear bolsters extending between and carried by the side bars of the auxiliary frame, a pump secured upon said bolsters, and means for transmitting motion from the motor of the vehicle to said pump.

2,062,533
CAR BRAKE
George A. Suckfield, Avalon, Pa., assignor to Pressed Steel Car Company, Pittsburgh, Pa., a corporation of New Jersey
Application October 22, 1935, Serial No. 46,225
5 Claims. (Cl. 188—195)



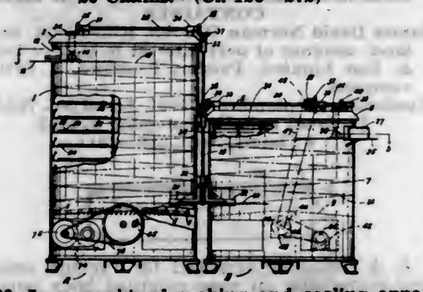
1. In an empty and load brake for a railway car, in combination, a brake lever having a connection intermediate its ends to a brake cylinder, a support for said lever on the car, a connection between the lever and support inwardly of one end of the lever, a fulcrum change over arm movably mounted on the car and having a bifurcated portion enclosing one end of the lever, and a fulcrum pin for said lever mounted in said bifurcated portion of the change over arm and engaging the lever.

2,062,534
NUT CRACKING METHOD AND APPARATUS
Albert R. Thompson, San Jose, Calif., assignor to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware
Application March 5, 1934, Serial No. 713,969
6 Claims. (Cl. 146—11)



1. A nut cracking machine including a pair of adjacent eccentrically disposed discs having angularly related opposed faces disposed to form an annular wedge shaped nut supporting trough therebetween, and means for providing relative rotation between said discs to cause nuts supported between their opposed faces to be rolled therebetween to fracture the nut shells.

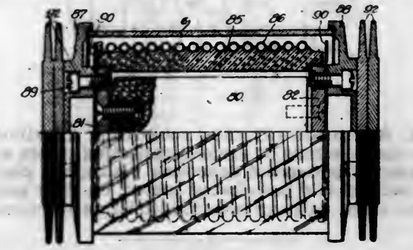
2,062,535
CAN TREATING APPARATUS
Albert R. Thompson, San Jose, Calif., assignor to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware
Application March 13, 1934, Serial No. 715,279
20 Claims. (Cl. 126—272)



20. In a combined cooking and cooling apparatus, a cooker, a cooler, means in said cooker and cooler respectively for receiving and advancing cans therethrough in indiscriminately timed arrangement, means for feeding cans to the cooker in indiscriminately timed arrangement, means for transferring cans from the cooker to the cooler in indiscriminately timed arrangement, means for driving the can advancing means in the cooler and the feed and transfer means at a constant speed, and variable speed drive means for driving the can advancing means in the cooker.

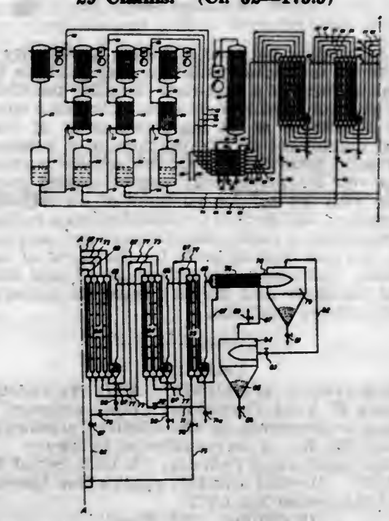
2,062,536
RESISTANCE UNIT
Hugh A. Triplett, Wilmette, and Allan Ramsey, Evanston, Ill., assignors to Schweitzer & Conrad, Inc., Chicago, Ill., a corporation of Delaware
Application May 17, 1932, Serial No. 611,850
20 Claims. (Cl. 201—67)

12. A resistor unit comprising a hollow tubular body of frangible insulation, a resistor wire wound around the outside thereof, a glass tube surrounding the insulation and spaced from the resistor wire, flanged end members comprising terminals at the opposite ends of the body of insulation and sealing the space between the glass tube and the body of insulation, a yielding packing between the end members and the glass tube maintaining the seal between the end members and the glass tube while permitting a limited relative shifting between them under expansion and contraction incident to thermal changes and



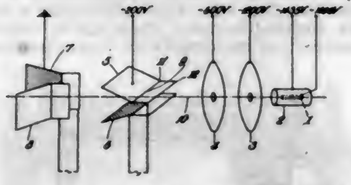
means independent of the glass tube for holding said end members in fixed insulated relation, said hollow tubular body being mounted on said end members with sufficient free play to permit thermal contraction and expansion.

2,062,537
METHOD OF SEPARATING GASES BY FREEZING
Lee S. Twomey, Vista, Calif.
Application May 9, 1934, Serial No. 724,697
29 Claims. (Cl. 62—175.5)



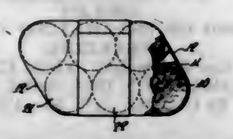
29. The method of cooling a gaseous stream which comprises: passing said stream in heat interchange relation with a succession of expanded and evaporating liquid refrigerants having successively lower atmospheric pressure boiling points and returning the gaseous product of each said expansion and evaporation, through all the preceding stages and in heat interchange relation with said stream, to its respective source, and reliquefying each said product to produce renewed supplies of said refrigerants.

2,062,538
CATHODE RAY TUBE
François Joseph Gerard Van den Bosch, London, England
Application January 23, 1936, Serial No. 60,371
In Great Britain February 13, 1935
4 Claims. (Cl. 250—27.5)



1. A cathode ray tube comprising a cathode, an anode, a pair of vertical deflecting plates and a pair of horizontal deflecting plates, the plates of each of said pairs being coated, on their adjacent sides, with an electron emitting substance.

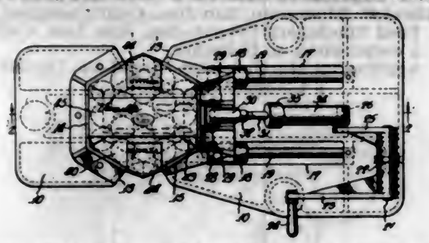
2,062,539
COMESTIBLE PACKAGE
Clarence W. Vogt, Louisville, Ky., assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky., a corporation of Delaware
Application May 3, 1934, Serial No. 723,717
8 Claims. (Cl. 206—46)



1. A shipping package including a plurality of superposed individual packages each package being in the form of a non-right-angular parallelogram with rounded corners each including a single layer consisting of at least two rows of individual cylindrical service portions of a substantially solid comestible with the service portions of one row staggered with respect to and interfitting with the service portions of an adjacent row, each of said service portions having a peripheral wrapping, a band extending around said portions, top and bottom walls for the layer of said portions, and means encircling all of said individual packages and holding them in predetermined relative positions.

2,062,540
PACKAGING APPARATUS AND METHOD
Clarence W. Vogt, Greenwich, Conn., assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky., a corporation of Delaware
Original application February 23, 1933, Serial No. 658,264. Divided and this application January 15, 1935, Serial No. 1,872
10 Claims. (Cl. 93—2)

1. A packaging mechanism for forming packages polygonal in cross-section and having more than four sides, said mechanism including a table to support the lower end of a partially folded carton blank having upwardly folding sides each having side flanges, and means for completing the folding of the sides about the contents of the carton including relatively movable folding and clamp members, each including a body portion for engaging said sides and edge portions at an angle to said body portions for engaging said side flanges, said members being relatively shiftable on the table toward and away

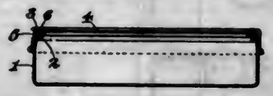


from each other to complete the folding of the carton.

2,062,541
SAFETY GLASS
Roy W. Wampler, Toledo, Ohio, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio
No Drawing. Application March 30, 1932, Serial No. 602,113
10 Claims. (Cl. 49—81)

1. As a new article of manufacture, a sheet of laminated glass including two sheets of glass and an interposed sheet of cellulose ester plastic bonded together to provide a composite structure by a bonding material consisting of a reaction product, formed by treating a cellulose acetate solution with a depolymerizing agent, dissolved in a plasticizer therefor.

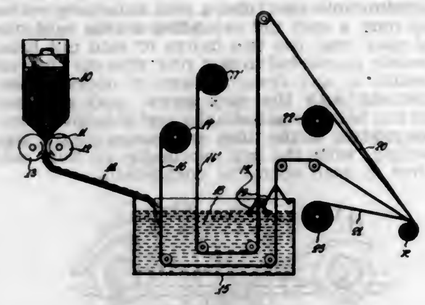
2,062,542
HERMETICALLY SEALED TIN AND LIKE CONTAINER
James David Norman Warren, Kilmacolm, Scotland, assignor of part interest to George Dobie & Son Limited, Paisley, Scotland, a British company
Application September 4, 1934, Serial No. 742,661
In Great Britain September 4, 1933
4 Claims. (Cl. 220—43)



1. A container arranged for vacuum sealing and comprising an open-mouthed body portion consisting of a base and an upstanding annular wall, a push-on lid consisting of a substantially flat plate portion and an integral peripheral flange arranged to fit over the mouth of the body portion embracing the upstanding wall thereof, and an annular jointing strip disposed wholly within the compass of the lid flange and located between and engaged by the plate portion of the lid and the extremity of the body-portion wall, the lid having an opening in the flange opposite to the edge of the jointing strip.

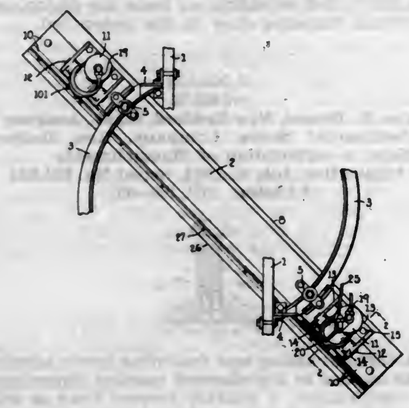
2,062,543
ELECTROLYTE
Herbert Waterman, Wantagh, N. Y., assignor to Aerovox Corporation, Brooklyn, N. Y., a corporation of New York
Application October 22, 1935, Serial No. 46,070
9 Claims. (Cl. 175—315)

1. The method of preparing a paste electrolyte of the type comprising crystals moist with liquid having salt dissolved therein and useful in electrolytic cells, which consists in mechanically comminuting the crystalline structure thereof to



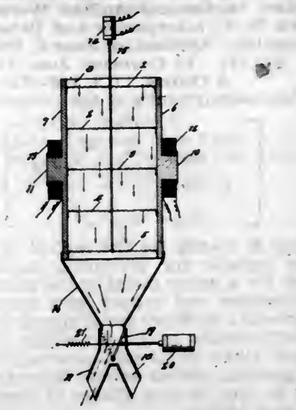
render the paste relatively smooth and to inhibit the regrowth of crystals.

2,062,544
ROAD SCRAPER AND ROAD SCRAPER ATTACHMENT FOR TRUCKS
Ernest A. Weeks, Kalamazoo, Mich., assignor to Root Spring Scraper Company, Kalamazoo, Mich.
Application October 16, 1935, Serial No. 45,180
7 Claims. (Cl. 37—143)



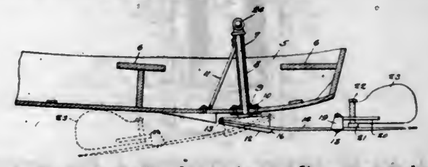
1. In a truck scraper, the combination of an adjustable channel beam having means for securing it to the frame of a truck, a plurality of pivot lugs at one side thereof, a mold board scraper having corresponding pivoted lugs pivotally connected to the said beam lugs, a reinforcing bar having actuating lugs carried by the said scraper mold board, a plurality of pneumatic cylinders trunnioned to the said beam with their piston rods connected to the actuating lugs on said mold board one of which is double acting, an adjustable cutter bar secured to the said mold board, a source of compressed air, a four-way engine valve connection for connecting to the tops of all of said cylinders for applying yielding pressure to said scraper, and a connection to the bottom of the double acting cylinder for supplying pressure for the return of the said scraper.

2,062,545
APPARATUS FOR MAGNETIC SEPARATION
Joseph H. Weis, Scranton, Pa., assignor to Feldspathic Research Corporation, New York, N. Y., a corporation of Delaware
Application January 14, 1933, Serial No. 651,677
4 Claims. (Cl. 209—223)



1. A magnetic separator comprising a plurality of superposed magnetic screens having perforations decreasing progressively in size from the top toward the bottom and being arranged to sift pulverulent materials of given size from one screen to another, means for vibrating said screens to discharge non-magnetic material therethrough and bring magnetic particles into direct adhering contact therewith, means for demagnetizing said screens to release said magnetic particles and permit them to pass through said screens, and means for separately collecting magnetic and non-magnetic materials discharged through said screens.

2,062,546
BOAT PROPELLING DEVICE
Isaac Sidney Wells, Laurel, Miss.
Application December 31, 1935, Serial No. 57,020
5 Claims. (Cl. 115—28)



1. In an impeller for water craft, a power shaft extending through the bottom of the water craft, a propelling bar movable with the power shaft, a propeller bar pivotally connected with the propelling bar and adapted to rotate with the propelling bar, said propeller bar having an elongated opening, a block mounted on the propeller bar, a bolt extending through the elongated opening and block, adjustably connecting the block to the propeller bar, yieldable arms on the block, said arms diverging towards the free end of the propeller bar, a pivoted fish-tail propeller mounted on the propeller bar and operating between the yieldable arms, said arms restricting lateral movement of the propeller as the propeller bar moves laterally, causing the water craft to move forwardly, and a handle on the power shaft.

2,062,547

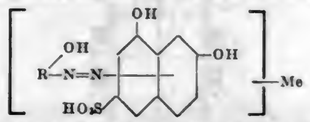
COPPER AND CHROMIUM CONTAINING ACID MONOAZO DYESTUFFS

Karl Wiedemann, Leverkusen-I. G.-Werk, Heinrich Clingestein, Cologne-on-the-Rhine, Hans Krzikalla, Ludwigshafen-on-the-Rhine, and Walther Kuehne, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application June 8, 1933, Serial No. 674,947. In Germany June 21, 1932

5 Claims. (Cl. 260—12)

1. Monoazodyestuffs of the general formula:



wherein R stands for the radical of a diazotized amine suitable for producing azodyestuffs, Me stands for a heavy metal of the group consisting of chromium and copper, and wherein in each component a hydroxy group stands in ortho-position with respect to the azo bridge, being in form of their alkali metal salts generally watersoluble dark powders, dyeing animal fibres generally even violet to blue to grey shades of good fastness to light and fulling.

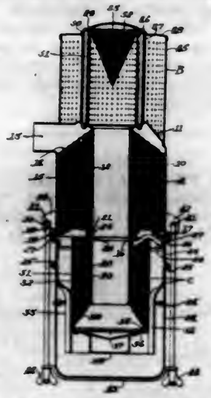
2,062,548

AIR CLEANER

Walter C. Wilson, Monrovia, Calif., assignor to International Harvester Company, a corporation of New Jersey

Application December 29, 1934, Serial No. 759,697

7 Claims. (Cl. 183—10)



1. An air cleaner comprising a two section casing, the sections being separable in a horizontal plane, aligned vertical air inlet conduits in said sections, filtering material positioned in the sections in the annular spaces around said conduits, an outlet from the upper section, a liquid reservoir formed in the lower section, said lower section being formed to deliver air from the inlet conduit therein to the bottom of the filtering material therein, and means for delivering liquid from the reservoir to the air stream prior to passage into the filtering material.

2,062,549

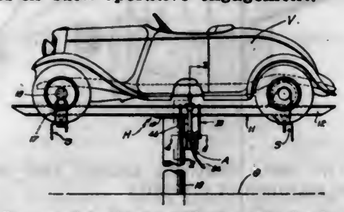
SERVICING EQUIPMENT FOR VEHICLES

Frank E. Wold, Santa Monica, Calif.

Application November 26, 1934, Serial No. 754,836

3 Claims. (Cl. 73—51)

2. In an automatic vibrating mechanism, a cylinder, a piston head in the cylinder, a piston rod extending from the head to the exterior of the cylinder, and a vehicle-engaging member on said rod, said rod embodying a tube, a jack screw extending into said tube, a ring extending within said tube, a split nut extending within said tube and said ring, the two halves of said nut being pivotally connected to said ring whereby they are movable to and from position of operative engagement with the jack screw, said ring and said nut being longitudinally and rotatively movable relative to the tube, and means on the tube coacting with the nut normally to hold said halves in such operative engagement.



3. In combination with a vehicle hoist embodying a pair of spaced vehicle supporting beams and means for elevating them, a hanger having an upper end applicable to either of the beams at different points in their lengths, and having a depending portion with spaced trunnion-receiving bearings at its lower end, and a single unitary vibrator mechanism embodying a cylinder and piston, trunnions projecting at opposite sides of the cylinder and adapted to bear in the hanger bearings, a longitudinally extensible piston rod extending up from the piston, and a vehicle engaging shoe on the piston rod.

2,062,550

SCREW

Frank K. Brown, New Bedford, Mass., assignor to Continental Screw Company, New Bedford, Mass., a corporation of Massachusetts

Application July 6, 1934, Serial No. 734,034

1 Claim. (Cl. 85—47)



A thread cutting and fastening screw adapted to be applied to a preformed opening comprising, in combination, a suitably formed head, a substantially cylindrical shank and a blunt entering end surface, a screw thread formed on said shank, said thread being continuous and of uniform depth from the head end of said thread to a point spaced from the entering end of said screw, the entering end portion of the screw, including the shank and the thread, being formed with flattened portions providing plane surfaces upon four sides thereof, said flattened portions being of slightly greater depth than the depth of the threads whereby the distance between the opposite plane surfaces is less than the root diameter of the screw, a plurality of spaced lands being formed between adjacent ones of said plane surfaces, said lands being provided with screw threads which diminish in depth toward the blunt entering end of the screw, whereby the lands and the flattened surfaces merge at said end of the screw to provide an end surface which is approximately in the form of a square with rounded corners, said corners providing self-centering means for facilitating the application of the screw to said opening, and the advancing margins of the gradually threaded lands serving as cutting edges to form threads in the wall of said opening.

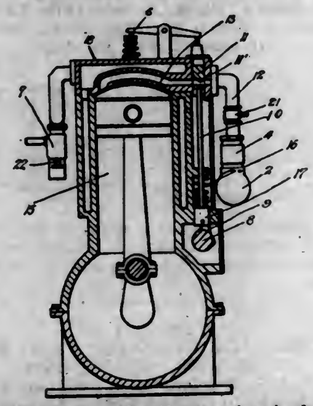
2,062,551

INTERNAL COMBUSTION ENGINE

Roy B. Bryant, Dallas, Tex.

Application January 21, 1933, Serial No. 652,892

8 Claims. (Cl. 123—143)



1. An internal combustion engine including, a cylinder provided with a cylinder head and having a piston working therein, means for introducing a fuel charge into the cylinder to be compressed by the piston, the cylinder head having an elongated passage having one end communicating with the interior of the cylinder so that a portion of the charge being compressed is forced into said passage, and means for supplying highly compressed air into said passage to further compress the fuel charge, whereby said charge is ignited, the passage preventing the admixture of the air with the fuel charge so that the highly compressed air which is supplied acts as a piston to obtain further compression of said charge.

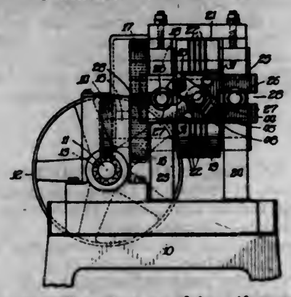
2,062,552

WIRE FORMING MACHINE

Warren C. Burgess, La Grange, and Nicholas Contino, Chicago, Ill., assignors to Burton-Dixie Corporation, Chicago, Ill., a corporation of Delaware

Application March 8, 1935, Serial No. 9,936

3 Claims. (Cl. 153—66)



1. In a wire-forming machine, the combination of a support, means on said support to form a wire into helical shape, a bar apertured in register with the axis of the helically formed wire, a forming-helix mounted in said aperture, feeding-means to force the wire stock through said wire-forming means and said forming-helix, and screw-threaded means parallel to the axis of said helix mounting said bar on said support, whereby turning of said screw-threaded means adjusts said helix toward and from said wire-forming means during the operation of the machine.

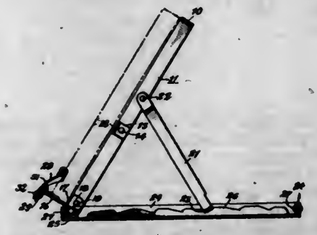
2,062,553

BOOK HOLDER

Louis Hernandez Campos, New York, N. Y.

Application May 28, 1935, Serial No. 23,935

1 Claim. (Cl. 45—80)



A book holder comprising a substantially U-shaped base, a substantially U-shaped frame, means for pivotally connecting the open ends of said base and said frame together, an adjustable prop for holding said frame in different positions in respect to said base, a rest L-shaped in cross section positioned so that one leg of the rest acts as an article support and the other leg acts as a retaining flange, said retaining flange being provided at each end with an inturned ear and said support being formed at its ends with extensions overlapping the arms of said U-shaped frame whereby the swinging movement of the rest in one direction is limited, a pivot member for each of said ears for pivotally connecting the ears to the respective arms of said frame, and resilient means carried by said support centrally thereof for holding an article on the support against displacement.

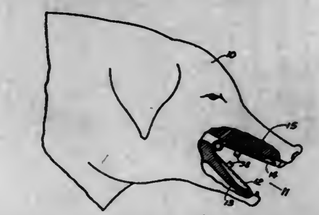
2,062,554

HOG-TONGUE GUARD

John A. Carlsen, Omaha, Nebr.

Application March 9, 1936, Serial No. 67,756

5 Claims. (Cl. 17—1)



2. A guard for a hog's tongue comprising a tongue protector plate, a mouth-roof engaging plate, said plates having adjacent ends pivotally connected together, and a flat spring extending over said pivotally connected ends and secured to said plates for normally urging the free ends of the plates away from each other.

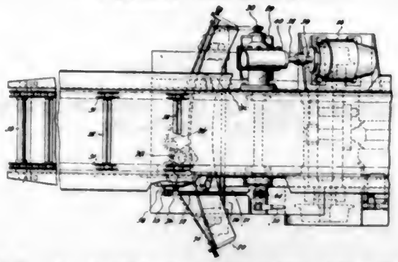
2,062,555

GATHERING AND LOADING MACHINE

Frank Cartlidge, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois

Original application July 26, 1933, Serial No. 682,248. Divided and this application April 19, 1934, Serial No. 721,262. Renewed February 8, 1936

6 Claims. (Cl. 198—8)



6. In an apparatus of the class described, a conveyor frame mounted for swinging movement about a vertical axis, an endless conveyor movable along said frame, and means for driving said endless conveyor and independently swinging said conveyor frame about said vertical axis comprising a motor on one side of said conveyor frame, a shaft mounted in said conveyor frame and disposed transversely thereof and forming a drive member for said conveyor, a second transversely extending shaft driven by said motor, reverse mechanism driven from the end of said second shaft which is opposite from said motor, and means driven by said reverse mechanism for swinging said conveyor frame, clutch means for selectively driving said second shaft from said first shaft, and means for shifting said clutch means comprising means disposed on the opposite side of said frame from said motor for moving said second shaft translationally with respect to said first shaft.

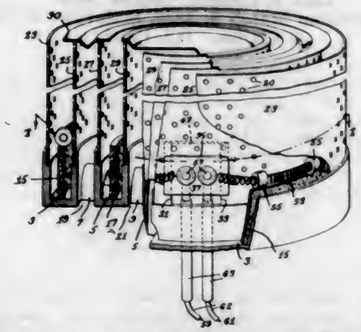
2,062,556

ELECTRIC LIGHTER FOR OIL BURNERS

Charles Y. Chittick, Newton Center, Mass., assignor to Anderson Manufacturing Company, Cambridge, Mass., a corporation of Massachusetts

Application April 11, 1935, Serial No. 15,803

14 Claims. (Cl. 175—115)



1. In combination, an oil burner comprising a base having a plurality of concentric shells mounted thereon, and an oil channel in said base, an electrical resistance element surrounding one and positioned between two of said shells and above said channel and insulated therefrom, insulator means removably mounted on one of said two shells, lead wires adjacent said channel and connected with said resistance element through said insulator means, said element and said lead wires positioned on opposite sides of one of said shells, said element, insulator means and leads being removable as a unit from said burner.

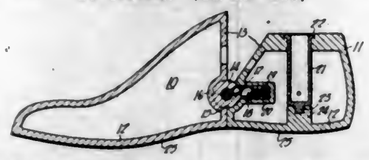
2,062,557

SHOE LAST

George C. Clark, Beverly Hills, Calif.

Application March 26, 1935, Serial No. 13,135

10 Claims. (Cl. 12—136)



1. A shoe last having a sprayed layer of hard metal of sufficient thickness thereon to provide a surface against which nails may be driven and deflected.

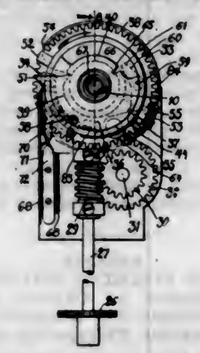
2,062,558

ELECTRICALLY OPERATED FLAG SHAFT THROWING MECHANISM

Grover C. Coil, Dayton, Ohio, assignor, by mesne assignments, to Central United National Bank, Cleveland, Ohio, as trustee

Application June 19, 1931, Serial No. 545,542

12 Claims. (Cl. 235—30)



1. In a taximeter, a motor, a flag shaft, a gear loosely mounted on said flag shaft and adapted to be driven by said motor, means whereby said gear, when operated, automatically drives said flag shaft to its operative position, and means whereby said last mentioned means is automatically rendered inoperative when said flag shaft has been moved to its operative position.

2,062,559

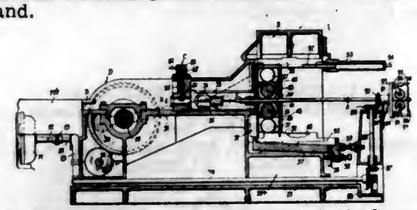
APPARATUS FOR REDUCING METAL STOCK

James R. Coe, Watertown, Conn., assignor to The American Brass Company, Waterbury, Conn., a corporation of Connecticut

Application August 29, 1934, Serial No. 741,887

25 Claims. (Cl. 80—14)

1. Apparatus for reducing metal stock, comprising in combination, a main frame, opposed parallel backing plates on said frame, a set of reducing rolls provided with eccentric working portions adapted to squeeze increments of length of the stock forward by successive intermittent actions thereon and adjacent concentric portions adapted to cooperate with backing rolls, backing rolls disposed between the concentric portions of the reducing rolls and said backing plates, and means for effecting relative reciprocatory movement between said rolls on the one hand and the backing plates and stock on the other hand.



6. Apparatus for reducing metal stock comprising in combination, means intermittently acting upon the stock to reduce it, means for intermittently feeding the stock forward, and means for rotating the stock, said rotating means including members which are resiliently pressed upon the stock at all times while it is positioned between them and which are adapted to be opened into stock-embracing position by the stock itself as it moves forward, a rotatable head for supporting said members, and means for intermittently rotating said head.

2,062,560

DIAPHRAGM VESTIBULE CONSTRUCTION FOR RAILWAY CARS

Harry L. Decker, Altoona, Pa., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa., a corporation of Pennsylvania

Application January 5, 1934, Serial No. 705,392

12 Claims. (Cl. 105—15)



5. In car vestibule diaphragm construction, a face plate; yielding means connecting the face plate to the car body with capacity for in and out, angular and lateral movement relative to the car body; and pivot means by which the weight of the face plate is supported from the car body.

2,062,561

APPARATUS FOR STRAIGHTENING HAIR

Stephan de Lado, Washington, D. C.

Application December 20, 1934, Serial No. 758,520

10 Claims. (Cl. 132—31)

10. An appliance for treating hair which comprises, a handle, two cooperating rotatably mounted and relatively movable coniform casings mounted at one end of the handle, means for pivotally mounting one of the casings so that it may be swung to open and closed position with respect to the other casing with the working surfaces of the casings substantially parallel in the closed position, manually operable means for swinging the movable casing to open and closed position to release or engage a strand of hair between the casings, a driving cam cylinder, a driven cam cylinder, a transmission



member interconnecting said cylinders for connecting continuous rotative movement of one cylinder into oscillatory rotative movement in the other cylinder, driving connections including clutches between the cylinders and the casings, said connections to the pivotally mounted casing including universal joints to permit the angular movement of the casing, and manually operable control means for operating the clutches to produce oscillatory rotative movement or continuous rotating movement of the casings.

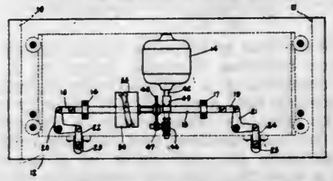
2,062,562

BUCKY DIAPHRAGM

Roy F. Dent, Oak Park, Ill., assignor to General Electric X-Ray Corporation, a corporation of New York

Application December 31, 1934, Serial No. 759,940

2 Claims. (Cl. 250—34)



1. In combination, a support frame, a radiographic diaphragm mounted for reciprocating sliding movement on said frame, a cylindrical drum journalled on said frame, means on said frame for rotating the drum at substantially uniform angular velocity, said drum having a continuous slot formed in the cylindrical surface thereof, said slot comprising complementary substantially helical portions extending oppositely in said drum from a point spaced from one end thereof to a point spaced from the opposite end of the drum, said slot at the intersection of said complementary helical portions defining salients extending each toward the adjacent end of the drum, cam following means supported on said frame and extending in said slot and drivingly connected with said diaphragm to reciprocate the same in response to rotation of said drum.

2,062,563

PROCESS FOR THE MANUFACTURE OF PAPER

Albert Edward Harold Fair, St. Catharines, Ontario, Canada

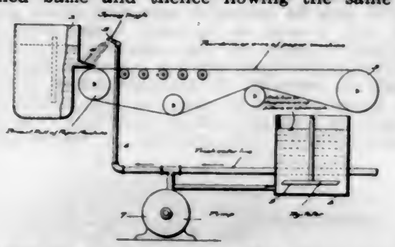
Application March 7, 1934, Serial No. 714,491

In Canada June 16, 1933

1 Claim. (Cl. 92—40)

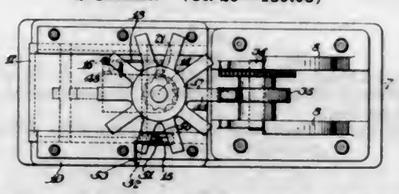
The process of adding filler suspension to a fibre suspension on the Fourdrinier of a paper

machine consisting in spraying the said filler suspension in a finely divided state against an inclined baffle and thence flowing the same by



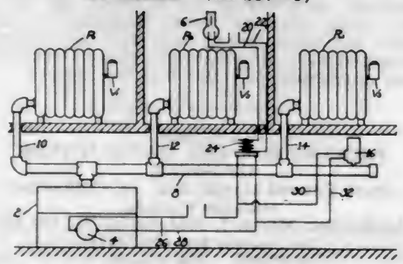
gravity on to the top of the fibre suspension on the Fourdrinier in such manner as to insure even distribution of filler suspension and the elimination of foam and bubbles in the fibre suspension.

2,062,564
METHOD OF FORMING WHEELS
Warren H. Farr, Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa., a corporation of Pennsylvania
Application July 8, 1932, Serial No. 621,417
Renewed October 12, 1936
2 Claims. (Cl. 29—159.03)



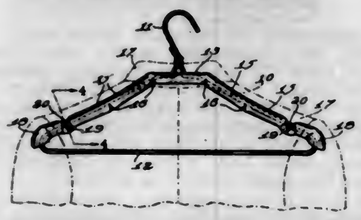
2. The method of forming wheel spiders which comprises forming a metal blank to a spider shape, comprising a substantially tubular hub barrel portion and a plurality of radially extending spoke portions transversely to the axial extent of the hub portion, and radially rolling the spoke portions of said blank in a manner to provide a tapering thickness radially of said spoke portions and to simultaneously provide in said spoke portions radially extending ribs of tapering depth, the ribs being transversely extending as respects the initial plane of the spokes per se.

2,062,565
HEATING SYSTEM
Warren T. Ferguson, Waban, and Joseph A. Parks, Jr., Milton, Mass., assignors, by mesne assignments, to Anderson Products, Incorporated, a corporation of Massachusetts
Application July 30, 1935, Serial No. 33,838
10 Claims. (Cl. 237—9)



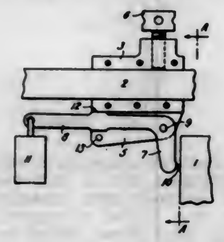
1. In a steam heating system for heating enclosed spaces, in combination, a source of steam, a plurality of radiators, pipes for conducting the steam to said radiators, vents on the radiators permitting the steam to reach said radiators at pre-determined times, and means for opening said system to the atmosphere, said means comprising a valve opened by actuation of a thermostat under the influence of falling temperature in the space to be heated and closed by the actuation of a second thermostat within said system under the influence of steam generated after said valve is opened.

2,062,566
GARMENT HANGER GUARD
Leonard D. Fletcher and John C. Krejci, Omaha, Nebr.
Application June 25, 1935, Serial No. 28,311
4 Claims. (Cl. 223—88)



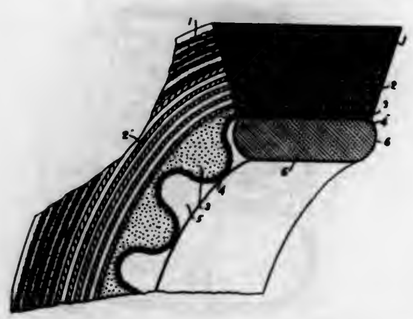
1. A garment support comprising a wire hanger having a hook and opposite side arms, and a cardboard guard fitting over the hanger with a central hole for the reception of the hook and having rounded cross-sectional configuration to seat upon and extend beyond the arms of the hanger, said guard having inwardly crimped shoulders near opposite ends for detachable engagement beneath the arms of the hanger to hold the guard thereto.

2,062,567
APPARATUS FOR HOLDING GLASS PLATE DURING TEMPERING
Lewis Jex-Blake Forbes, St. Helens, England, assignor to The American Securit Company, Wilmington, Del., a company of Delaware
Application June 3, 1935, Serial No. 24,729
In Great Britain June 8, 1934
8 Claims. (Cl. 49—14)



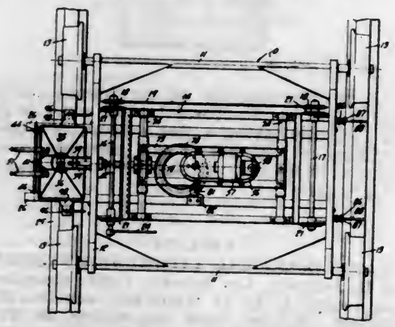
1. Apparatus for holding a plate of glass for tempering comprising two members having projections adapted to engage and enter the two opposite side edges respectively of the plate, means for applying pressure to the members to cause their projections to enter the glass when soft, and means for substantially releasing the pressure between the projections and the glass when the projections have entered the glass a predetermined distance.

2,062,568
COG BELT
Abraham L. Freedlander, Dayton, Ohio, assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio, a corporation of Ohio
Application July 9, 1934, Serial No. 734,266
7 Claims. (Cl. 74—233)



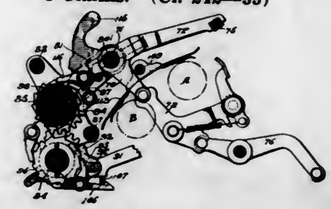
1. As an article of manufacture, a belt of general trapezoidal section having a tension section and a compression section, said compression section being made up of teeth having sections of softer material interposed therebetween, said interposed sections having their sides reduced so as to be concave when the belt is flat and flush with the sides of the teeth when the belt is bent.

2,062,569
RAIL HEATING APPARATUS
Royal E. Frickey, San Francisco, and Arion S. Kalenborn, Redwood City, Calif., assignors to Welding Service, Inc., San Francisco, Calif., a corporation of Californ'a
Application November 8, 1932, Serial No. 641,714
12 Claims. (Cl. 219—14)



11. In apparatus for heating tread portions of railroad rails preparatory to hardening the same by a chilling operation, an arc electrode, an electrode holder serving to retain the electode for operation on the tread of the rail, motion applying mechanism including a cyclically movable element serving to reciprocate the holder laterally of the rail, additional motion applying mechanism including a second cyclically movable element for reciprocating the holder longitudinally of the rail, a driving motor, and means operated by said motor for cyclically driving said elements at an uneven speed ratio, whereby the arc is traversed over predetermined and successively overlapping patterns.

2,062,570
CASH REGISTER
Frederick L. Fuller, West Orange, N. J., assignor to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland
Original application January 18, 1927, Serial No. 161,752. Divided and this application February 9, 1933, Serial No. 655,976
5 Claims. (Cl. 242—55)



1. In a machine of the class described, the combination of a paper supplying roller having a ratchet, a pawl engaging said ratchet, a paper receiving roller having a ratchet, a pawl engaging the last-mentioned ratchet, segment plates geared together and each carrying one of said pawls, and an operating device for reciprocating one of said segment plates whereby the pawls are alternately rendered active to effect a line spacing movement of a record strip.

2,062,571
DUAL RESONATOR
Alexis F. Gillet, Omaha, Nebr., assignor to Jubilee Manufacturing Co., Omaha, Nebr., a corporation of Nebraska
Application June 15, 1935, Serial No. 26,792
1 Claim. (Cl. 116—137)



A dual resonator comprising a single sheet of metal bent adjacent the longitudinal edges thereof to provide a pair of spaced apart tapering resonators, that portion of the sheet between the resonators constituting a web, the longitudinal edges of the sheet being secured to the adjacent longitudinal edge portion of the web.

2,062,572
HEEL FOR SHOES
Adam Hannabach, Pittsburgh, Pa.
Application July 9, 1934, Serial No. 734,375
1 Claim. (Cl. 36—76)

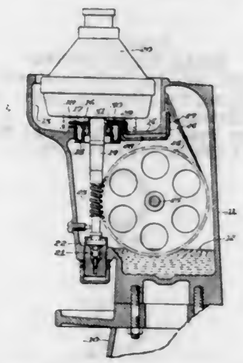
A rubber heel having a concave attaching face whose perimetrical edges lie in one plane, said heel being thickened at its rear and partially along one side to form a ridge having a flat tread surface; and which heel at its forward end diagonally opposite said ridge has a tread portion projecting forwardly from the breast of the heel to form a flat horse-shoe shaped tread surface flush with the tread surface of the ridge, the sides of the heel between said ridge and said projection, and between said ridge and the breast surface having depending portions formed thereon, the tread surfaces of which are adjacent the

edge of the heel and lie in one flat plane spaced inwardly of the tread surfaces of said ridge and



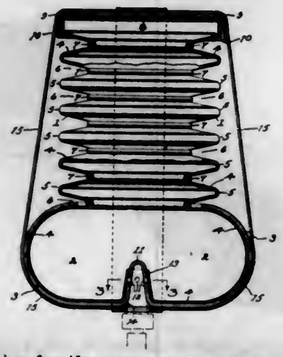
projection and joined to them by short sloping portions.

2,062,573
NECK BEARING OILER FOR CREAM SEPARATORS
William H. Harstick, Milwaukee, Wis., assignor to International Harvester Company, a corporation of New Jersey
Application April 4, 1935, Serial No. 14,625
2 Claims. (Cl. 184—13)



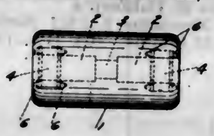
1. In a cream separator having an oil containing gear housing formed at its upper end with a vertical wall forming a bowl recess having a horizontal floor with an opening therethrough, a collar carried on the floor and suspended in said opening, said collar including a radially inwardly disposed annular vertical wall, a ball bearing unit carried on the said annular wall, said bearing journaling the upper end of an upright spindle the lower end of which is journaled in the bottom of the gear housing, an annular flexible member carried in the collar and having a portion in which the ball bearing unit is yieldably disposed, a gear in the housing which splashes oil from the bottom of the housing to a wall of the bowl receiving recess, the combination therewith of an oiling means for the ball bearing unit comprising a cover plate having an aperture through which the spindle is passed, means for securing the plate to the collar, said plate being formed with a radial oil duct to drip oil onto the balls in the ball bearing unit, a trap mounted on the outside of the bowl recess wall for catching splashed oil from the gear, and a conduit leading from the trap through the bowl recess floor and the collar to said duct.

2,062,574
PNEUMATIC LOAD CARRYING DEVICE
John O. Heinze, Detroit, Mich., assignor to Heinze Development Co., Detroit, Mich., a corporation of Michigan
Application April 10, 1935, Serial No. 15,661
8 Claims. (Cl. 267—35)



1. A device for the purpose described including a bellows having a closed end and formed at its opposite end with an air chamber of greater diameter than the diameter of said bellows and into which chamber one end of said bellows directly opens, said bellows, said end and said chamber being formed by a continuous flexible wall.

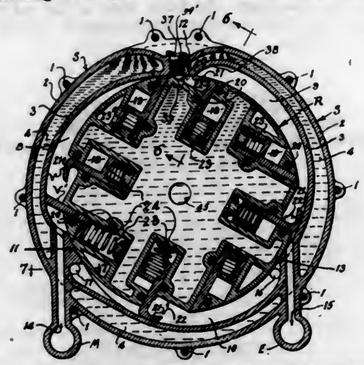
2,062,575
FLEXIBLE COUPLING
Raymond Henry, Rock Island, Ill.
Application July 29, 1935, Serial No. 33,703
8 Claims. (Cl. 64—11)



1. A flexible coupling of continuous resilient material having apertures in the ends thereof, each aperture having a flat side to fit a correspondingly shaped shaft, said coupling having embedded in its end portions inserts of wear-resisting material.

2,062,576
ROTARY INTERNAL COMBUSTION ENGINE
Paul B. Johnson, Los Angeles, Calif., assignor of one-fourth to D. O. Anderson, one-fourth to Herbert Mayson, and one-fourth to P. E. Woods, all of Los Angeles, Calif.
Application February 5, 1935, Serial No. 5,077
14 Claims. (Cl. 123—16)

1. A rotary internal combustion motor comprising: a stator formed with a sealed rotor compartment provided with a plurality of circumferentially spaced concentric abutments and intermediate circumferential chambers, one of said chambers forming a compression chamber and another chamber forming a combustion and expansion chamber, said compression chamber having a fuel inlet, said combustion chamber having an exhaust outlet, and a rotor in said compartment provided with a plurality of extensible vanes and a plurality of peripheral pockets associated with said vanes in which fuel is compressed, said vanes being adapted to traverse the surfaces of said compression and combustion chambers for successively inducing and compressing charges of fuel into said pockets and for expanding said fuel during combustion, certain



of said vanes having portions overlying and extensible relative to said pockets whereby the expansion of fuel in the pockets will urge said vanes to extended positions, and means for igniting said fuel at predetermined points in the rotation of said rotor.

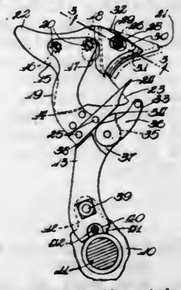
2,062,577
ARTIFICIAL FLOWERPOT
Max Kaplan, New York, N. Y.
Application June 7, 1935, Serial No. 25,520
Renewed September 14, 1936
3 Claims. (Cl. 41—12)



3. In a device of the kind described, a flower stem holder consisting of a coiled strip of corrugated material having the corrugations extending parallel to the axis of the coil to provide a relatively large central vertical channel adapted to receive the stems of artificial flowers and plants, the width of the corrugated strip being uniform throughout and the coil having its convolutions successively displaced in the direction of the axis to provide a substantially conical projection on one side of the coil and a corresponding substantially conical hollow on the opposite side, a wrapper of tubular form surrounding said coil with the lower part of the wrapper fitting on the outer convolution of the coil and the upper part of the wrapper projecting above the coil and free therefrom, a disk closing the lower end of the tubular wrapper and supporting the coil at its outer convolution, and a pasteboard cone fitting in the hollow side of the coil and resting on said disk.

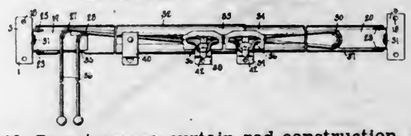
2,062,578
PICKER ARM FOR POTATO PLANTERS
Lee H. Kaupke, Auburn, N. Y., assignor to International Harvester Company, a corporation of New Jersey
Application June 5, 1935, Serial No. 25,042
5 Claims. (Cl. 221—133)

1. In a potato planter, the combination with a picker comprising a picker arm and picking means mounted on said picker arm adapted for spearing potato seed, of a stripper plate pivotally mounted on said picker arm comprising a stripper portion and a finger portion adjustably



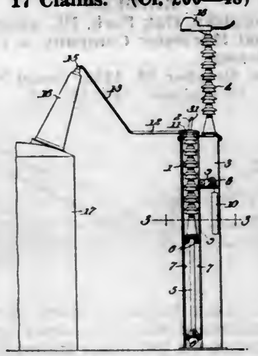
mounted with respect to the stripper portion, and means for adjusting the finger portion on the stripper plate, whereby the picker may be adjusted for sowing potato seeds of several sizes.

2,062,579
TRAVERSE CURTAIN ROD
Guy W. Kirsch, Sturgis, Mich., assignor to Kirsch Company, Sturgis, Mich.
Application July 17, 1935, Serial No. 31,784
10 Claims. (Cl. 156—20)



10. In a traverse curtain rod construction, for support on a pair of brackets each having a hook, a pair of members each supported on one of said hooks, one of said members having a cord guide and the other having a pair of cord guides, and a hollow rod embracing and supported by said members, said rod being provided with a pair of master slides supported on said rod, and with a traverse cord partially enclosed in said rod extending over said cord guides and engaging said slides.

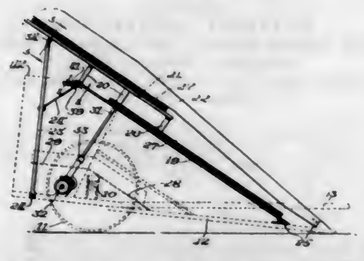
2,062,580
ELECTRICAL SWITCH
Carl G. Koppitz, Greensburg, Pa., assignor to Railway & Industrial Engineering Co., Greensburg, Pa., a corporation of Pennsylvania
Application February 27, 1934, Serial No. 713,176
17 Claims. (Cl. 200—48)



1. In an electrical switch, a stationary support, a stationary insulator column carried by and ex-

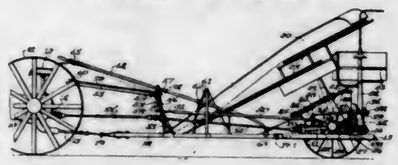
tending vertically above said support, a second insulator column, means carried by said support and mounting said second column for axial movement parallel to said first insulator column, cooperating switch elements carried by the respective insulator columns, means supporting one of said switch elements for pivotal movement, means yieldingly holding said pivotally mounted element in the path of movement of the other element, and operating means for moving said second insulator column to effect engagement of said switch elements and for then continuing the said movement to produce pivotal movement of said pivotally mounted element.

2,062,581
STALK GATHERING MEANS FOR CORN BINDERS
Andrew Kowalsky, Oak Park, Ill., assignor to International Harvester Company, a corporation of New Jersey
Application October 28, 1935, Serial No. 47,140
7 Claims. (Cl. 56—119)



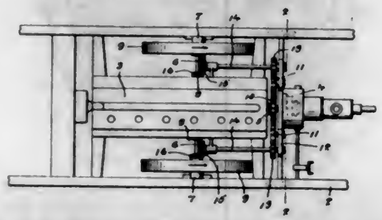
1. A stalk gathering machine comprising a wheel carried frame, a pair of longitudinally disposed gather board units supported on the frame and extending upwardly and rearwardly from a forward point of connection on the frame to provide between them a longitudinal stalk gathering passage, means supporting the rear ends of said gather board units, and means operatively associated with said last mentioned supporting means for relatively adjusting the boards in a lateral direction to widen the passage between said gather board units.

2,062,582
BUTT PAN AND ADJUSTMENT FOR CORN BINDERS
Andrew Kowalsky, Oak Park, Ill., assignor to International Harvester Company, a corporation of New Jersey
Application October 28, 1935, Serial No. 47,141
17 Claims. (Cl. 56—15)



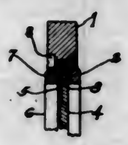
1. A corn binder having a wheel carried main frame pivotally connected to a draw frame, crop gathering means on the main frame for moving cut stalks in erect position, an inclined member on the main frame to receive and support the stalks butt-end-down, a butt pan hinged to the member and disposed to receive the stalks from the member, means for adjustably setting the butt pan relative to the main frame, means for tilting the main frame relative to the draw frame, and means to maintain the butt pan in its adjusted position relative to the main frame when the latter is tilted.

2,062,583
BALANCING FLYWHEEL
Stanley J. Krucsek, Buffalo, N. Y.
Application November 27, 1935, Serial No. 51,912
1 Claim. (Cl. 180—1)



In combination with a motor vehicle and an engine therefor provided with a power takeoff means, aligned shafts journaled to the motor vehicle and transversely thereof and at opposite sides of the engine, matched flywheels secured to said shafts and having their direction of rotation opposite to the forward movement of the motor vehicle, said flywheel paralleling the sides of the engine and arranged at opposite sides of said engine, and shafts geared to the first-named shafts and to the power takeoff means.

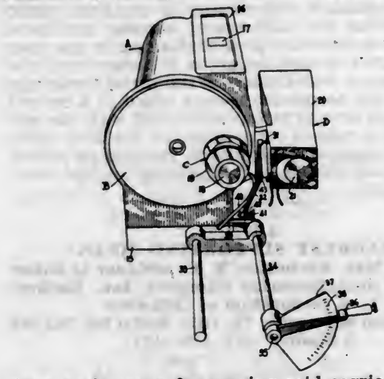
2,062,584
ORIFICE METER PLATE
Andrew H. Langdon, Los Angeles, Calif.
Application December 23, 1935, Serial No. 55,861
2 Claims. (Cl. 138—44)



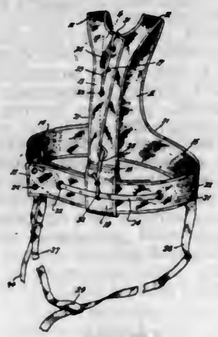
1. In a device of the character set forth of a shiftable disc carrier having an opening provided with a seating shoulder and a sealing face on its outer side; an orifice disc insert against said shoulder having a formed spring fixed to the outer face of said insert; a sealing ring mounted in said carrier opening and held to bring pressure against said formed spring by a plurality of screws carried by said carrier to retain the insert in position to form a seal with the carrier.

2,062,585
MONITORING FINDER
Grover Laube and Charles Melvin Miller, Los Angeles, Calif., assignors to Twentieth Century-Fox Film Corporation, Hollywood, Calif., a corporation of New York
Application October 22, 1935, Serial No. 46,100
11 Claims. (Cl. 95—44)

1. For use with a motion picture camera: a monitor finder comprising a casing; a track within said casing; a movable carriage supported on said track; an objective mounted upon said carriage, and means for moving said carriage along said track to focus said objective.



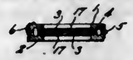
2,062,586
RESTRAINING DEVICE
James Lawrence, Chicago, Ill.
Application March 8, 1935, Serial No. 10,020
1 Claim. (Cl. 128—134)



In an adult restraining device having a front part and shoulder portions integral therewith, a back member constituting an extension of said shoulder portions and a loop at one end thereof, belt members formed by lateral extensions of said front part and of such size that they may be easily threaded through the loop, said back member being formed of a single piece slit from the shoulder portions to a point adjacent the loop, portions of said back member adjacent said slit being perforated so as to permit lacing of the slitted portion, tying means attached to said belt members whereby the restraining device may be tied to some relatively immovable object.

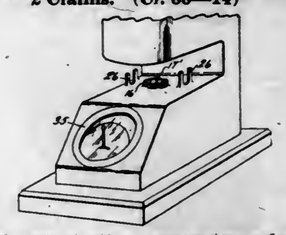
2,062,587
OIL TESTER
Joseph A. Logan, Springfield, and Leolyn F. Spear, Westfield, Mass., assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass., a corporation of Massachusetts
Original application March 30, 1934, Serial No. 718,218. Divided and this application September 11, 1935, Serial No. 40,042
6 Claims. (Cl. 88—14)

1. A tool for preparing and enclosing a fluid test sample comprising two hinged window frames, a lock for the frames, windows in the frames adapted to lie parallel and spacing means to position the windows a film distance apart when the frame is closed, at least one of said frames being formed with a recess which when the frames



are closed provides a reservoir or overflow chamber outwardly of the edges of the window, said spacing means being shaped to provide a passage between the overflow chamber and the film space whereby the latter may be exactly filled without accurate measurement in placing the sample between the windows.

2,062,588
OIL TESTER
Joseph A. Logan, Springfield, and Leolyn F. Spear, Westfield, Mass., assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass., a corporation of Massachusetts
Original application March 30, 1934, Serial No. 718,218. Divided and this application September 11, 1935, Serial No. 40,043
2 Claims. (Cl. 88—14)

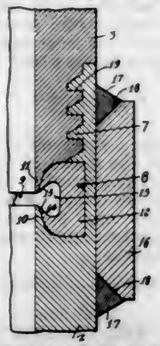


1. An electric testing apparatus adapted for colorimetry work such as testing the condition of used lubricating oils comprising a casing generally closed except for an intermediate opening, a light source within the casing on one side of the opening, a photo-electric cell within the casing on the other side of the opening, a registering meter actuated by the photo-electric cell, a removable frame having spaced glass windows adapted to enclose between them a film of oil to be tested and having a rim surrounding said windows, and an annular boss on the casing adjacent said opening and centrally perforate in line with said light source and photo-electric cell and adapted to receive and position said frame accurately with respect to said light source and photo-electric cell by engagement of the exterior of the boss with the interior of the rim on the frame.

2,062,589
CONTAINER FOR CARBON DIOXIDE BLOCKS
John W. Lucas, Alhambra, Calif.
Application September 16, 1935, Serial No. 40,731
3 Claims. (Cl. 220—3)

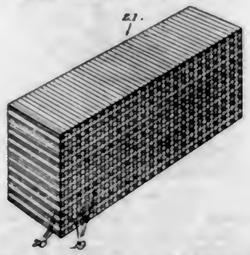
1. A gas-tight holder having a body consisting of a shell, a removable cover with means for securing the same to the body, said body and said cover having an undercut annular packing groove formed between the body and the cover adjacent the junction point thereof, and a channel-form packing ring of compressible material received in the said groove and having a substantially cylindrical outer face seating against the back of the groove, said packing ring having a pressure groove on its inner face exposed to the gas pres-

sure within the holder, said packing ring having projecting lips projecting toward the interior



of the holder and pressed against the wall of the packing groove by the gas pressure.

2,062,590
METHOD OF CREATING A DESIGN AND ARTICLE
Roy W. Lundquist, Chicago, Ill.
Application September 30, 1935, Serial No. 42,837
5 Claims. (Cl. 41—23)



1. The method of creating a design comprising taking a plurality of primary sheets and cementing them together to form a primary block, cutting the primary block across the primary sheets to form secondary sheets, taking a plurality of said secondary sheets and cementing them together in staggered relation to form the first design block, taking a plurality of secondary sheets and primary sheets and cementing alternately secondary sheets and primary sheets together to form a second design block, cutting design sheets from both the first and second design blocks and cementing a plurality of said design sheets together in desired relation to form a third design block and cutting design sheets from said third design block.

2,062,591
APPARATUS FOR CONSTRUCTING AIRPLANE BODIES
Alonzo C. Mather, Chicago, Ill.
Application January 11, 1935, Serial No. 1,366
1 Claim. (Cl. 153—42)



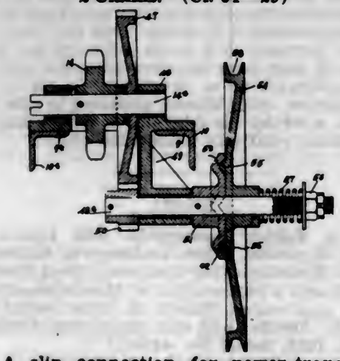
A device for preparing sheet metal sections for the making of an airplane fuselage which comprises a roller over which a sheet metal blank is to be shaped and a complementary roller adapted to work the metal blank over the first named roller to form a section, means on the first named roller for temporarily fixing the blank with relation thereto whereby the blank will remain in its fixed position with relation to the first named roller during the rolling and forming operation, and circumferential grooves formed in the face of the first named roller to accommodate ribs for the metal blank whereby the metal blank and the ribs will be simultaneously rolled to a desired shape, and pivotal means associated with one end of the first named roller whereby the first roller may be swung to a clearance position to permit the removal of the metal blank from the first mentioned roller.

2,062,592
HEADREST SUPPORTING MEANS
Adam J. May, Rochester, N. Y., assignor to Ritter Dental Manufacturing Company, Inc., Rochester, N. Y., a corporation of Delaware
Application September 28, 1934, Serial No. 745,964
2 Claims. (Cl. 155—177)



1. A head rest supporting structure for an operating chair, comprising a support having a recessed head provided with an interiorly disposed bearing surface, a swivel head rotatably mounted thereon and movable axially toward and from the recessed head, a disk loosely arranged in said recessed head and slotted transversely to provide oppositely movable portions having peripheral surfaces for frictionally engaging said bearing surface, and also having oppositely inclined surfaces, a wedge projecting from said swivel head, means for moving the swivel head toward the recessed head to cause said wedge to engage said inclined surfaces to move said oppositely movable portions to urge said peripheral surfaces into engagement with said bearing surface and means for limiting the axial movement of the swivel head toward the recessed head.

2,062,593
OPERATOR FOR ROLL TOP DOORS
Edward H. McCloud, Columbus, Ohio, assignor to The Kinnear Mfg. Company, Columbus, Ohio, a corporation of Ohio
Application May 25, 1932, Serial No. 613,429
2 Claims. (Cl. 64—29)



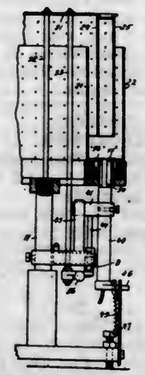
1. A slip connection for power-transmitting mechanism comprising a shaft, a disc fixed to the shaft, said disc having conical depressions therein, a pulley loosely mounted on the shaft, said pulley having correspondingly disposed conical projections adapted to slip into and out of said depressions, and a coil spring on the shaft arranged to urge said pulley against said disc with the projections in the depressions.

2,062,594
TUBULAR KNITTED DIAPER
Louise R. McNair, Arcade, N. Y.
Application August 3, 1933, Serial No. 683,556
4 Claims. (Cl. 128—284)



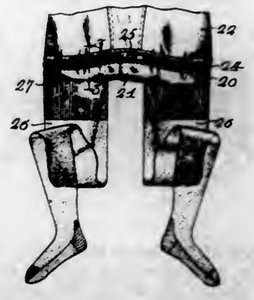
4. A form-fitting diaper made of a single piece of tubular knitted material of substantially rectangular shape and of double thickness when laid flat, the ends and middle portion of the diaper being purled to form an elastic waist-band and a thickened absorbent area between the infant's legs, respectively.

2,062,595
OIL HEATER AND BURNER
Svend M. Meyer, Woodhaven, N. Y.
Application January 15, 1934, Serial No. 706,626
14 Claims. (Cl. 158—90)



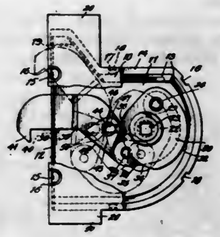
1. In combination, a heater comprising a support, a wick on said support, a vertically movable draft cylinder on said support and adjacent the wick, electrical igniting means for the wick, said means being movable vertically and laterally into operative position adjacent the wick when the draft cylinder is raised, an electric circuit, including a switch, for the igniting means, and means operable when actuated to raise the cylinder, move the igniting means to a point adjacent the wick and to close the switch when said parts have been raised.

2,062,596
HOSE SUPPORTING GARMENT
Jeanne Monette, Montreal, Quebec, Canada, assignor of one-half to Pierre Charton, Montreal, Quebec, Canada
Application January 24, 1935, Serial No. 3,302
2 Claims. (Cl. 2—70)



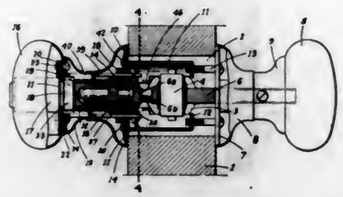
1. In an undergarment having trunk and seat portions, the combination therewith of a narrow crotch portion having lower thigh openings, means for uninterruptedly connecting said last portion to the lower edge of the seat portion in a removable manner, full-length hose, and cooperating means on the marginal edge of the thigh openings and upper part of the hose for removably securing said hose to said crotch at closely spaced points around its periphery.

2,062,597
LATCH FOR AUTOMOBILE FENDER SHROUDS AND THE LIKE
Raymond G. Moore, Bridgeport, Conn., assignor to The Bassick Company, Bridgeport, Conn., a corporation of Connecticut
Application July 14, 1934, Serial No. 735,124
1 Claim. (Cl. 292—110)



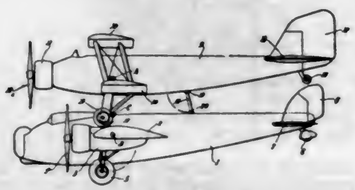
In a latch of the character described, a latch bolt, a pivotal mounting for said bolt about which it is adapted to swing, means slidably supporting said pivotal mounting whereby said bolt has longitudinal movement, a rotatable actuating member, a link pivotally connected between said actuating member and said bolt for imparting swinging movement to said bolt through rotation of said actuating member, and cam surfaces on said actuating member directly engaging said bolt adapted to impart sliding movement to said pivotal mounting and including a low concentric portion, a high concentric portion, and a gradually rising portion between said low and high concentric portions, said bolt adapted to have swinging movement only during relation of said concentric cam portions therewith and longitudinal movement during relation of said rising portion therewith.

2,062,598
DOOR LOCK
Walter F. Nelsen, Oakland, Calif., assignor to Ry-Lock Company Ltd., San Leandro, Calif., a corporation
Application April 8, 1935, Serial No. 15,175
5 Claims. (Cl. 70—91)



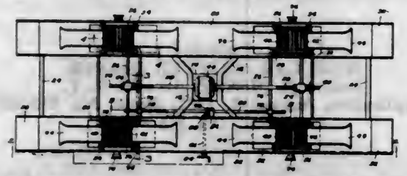
1. In a lock of the latch bolt type, a bolt actuating spindle, an outer knob axially alined therewith and relative to which the spindle is normally turnable, an element slidable on the spindle and having a central opening through which the spindle projects, the spindle being formed in cross section to non-turnably engage the opening when the element is in one position and to turn in the opening when the element is in another position, a sleeve fixed in axial connection with the knob for rotation therewith, said sleeve having opposed longitudinal slots, fingers slidable in and guided by the slots, said fingers at one end being rigidly secured to the element, and means operable at will from exteriorly of the knob for sliding the fingers in opposite directions selectively to correspondingly move the element to its different positions.

2,062,599
AEROPLANE
John Dudley North, Eaton, Norwich, England, assignor to Boulton Paul Aircraft Limited, Norfolk, England
Application December 6, 1934, Serial No. 756,340
In Great Britain December 11, 1933
5 Claims. (Cl. 244—2)



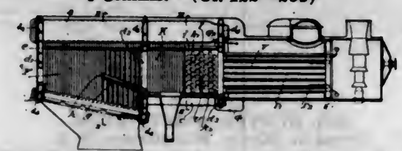
1. A compound aircraft comprising two powered aeroplanes mounted one on top of the other, the lower aeroplane to be the craft to be launched and incapable of unassisted takeoff, means for rigidly but releaseably attaching said aeroplanes together so that they both assist in the take-off and climb of the compound aircraft, the upper aeroplane being lightly wing loaded with respect to the lower aeroplane so as to contribute lift in excess of its own weight to assist the lower aeroplane to take-off and to climb, whereby on release of said attaching means said upper aeroplane will, owing to said excess lift over its own weight, rise relatively to said lower aeroplane and thus effect separation of the two aeroplanes.

2,062,600
SERVICE APPARATUS
Raymond J. Norton, Washington, D. C., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application March 14, 1934, Serial No. 715,552
5 Claims. (Cl. 73—51)



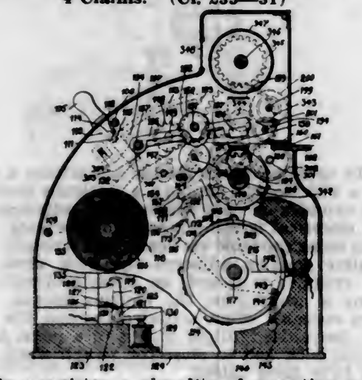
3. A service apparatus comprising a frame including parallel runways each having spaced openings, four brake testing units mounted for travel on the runways, each unit being suspended from a runway in an opening thereof, and members attached to the units bridging the openings.

2,062,601
HIGH-PRESSURE BOILER FOR STEAM LOCOMOTIVES
Hans Nyffenegger and Hans Sigrist, Winterthur, Switzerland, assignors to the firm Schweizerische Lokomotiv- & Maschinenfabrik, Winterthur, Switzerland
Application August 24, 1934, Serial No. 741,306
In Germany August 26, 1933
6 Claims. (Cl. 122—235)



1. In a high-pressure locomotive boiler, a superheater chamber, water filled plate walls forming the lateral walls of said chamber, stay tubes for stiffening said plate walls, superheater tubes supported by said plate walls, and water tubes forming the bottom and the ceiling of said chamber, said water tubes communicating with the water content of said plate walls.

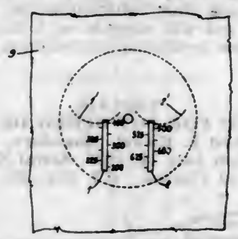
2,062,602
REGISTER
John F. Ohmer, Dayton, Ohio, assignor, by mesne assignments, to Central United National Bank, Cleveland, Ohio, as trustee
Application December 24, 1930, Serial No. 504,609
4 Claims. (Cl. 235—31)



1. In a register, a plurality of operating means

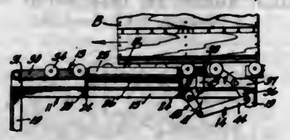
to issue tickets of various characteristics corresponding to destination zones, a plurality of registering means corresponding in number to the number of operating means, adjustable means settable to positions corresponding to the zone in which the conveyance is at that time, and means carried thereby to select which one of said registering means will be actuated by the operation of any one of said operating means.

2,062,603
TUNING INDICATOR
Francesco Pagliari, Milan, Italy, assignor to Radio Corporation of America, a corporation of Delaware
Application February 15, 1935, Serial No. 6,647
In Germany March 26, 1934
5 Claims. (Cl. 116—124.3)



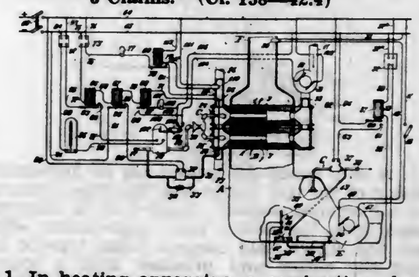
1. Means for indicating the position of a tuning device comprising in combination, a panel having a plurality of graduated frequency indicating scales thereon, a rotary member mounted behind said panel and connected with said device, a plurality of marks so positioned on said member that each mark lies adjacent a different one of said scales in response to adjustment of said tuning device and said panel having an extended area overlying said rotary member whereby it conceals one of said marks when the other mark is adjacent its corresponding scale.

2,062,604
BOX SWITCHING UNIT
Gerald C. Paxton, Santa Ana, Calif., assignor, by mesne assignments, to Food Machinery Corporation, a corporation of Delaware
Application May 31, 1935, Serial No. 24,189
14 Claims. (Cl. 193—36)



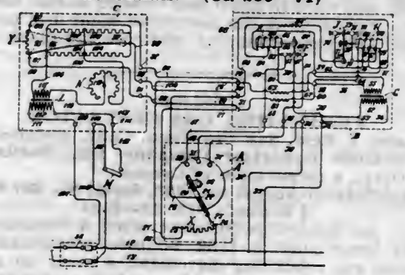
13. In a conveyor system, a combination of a longitudinal conveyor; a transverse conveyor at right angles thereto; primary and secondary conveyor switch sections disposed in the area in which said conveyors intersect; and box actuated means causing relative vertical movement between said sections to present said primary section unincumbered by said secondary section and in the path of a box approaching said intersection on said longitudinal conveyor so that said box is received upon said primary section, said last-mentioned means being gravity responsive to transfer said box from said primary section to said secondary section when said box arrives within said intersection, said secondary section then discharging said box on the said transverse conveyor.

2,062,605
AIR CONDITIONING APPARATUS
Thomas B. R. Peters, Chicago, Ill., assignor of one-sixth to Alexander D. Bruce, and one-sixth to Edward A. Russell, Chicago, and one-sixth to Walter W. Wilson, Oak Park, Ill.
Application April 1, 1933, Serial No. 663,968
3 Claims. (Cl. 158—42.4)



1. In heating apparatus, a combustion chamber, a fluid-fuel burner operatively associated with the combustion chamber, a normally constantly burning pilot-burner, means for supplying fuel to both burners, a thermostatically controlled electrically actuated valve for the main burner and a normally open electrically controlled valve for cutting off the supply of fuel to the pilot-burner, a main discharge flue, a main discharge passage connecting the combustion chamber and the main flue, a motor-driven fan for drawing the products of combustion through the main passage for heat-transfer purposes and discharging these gases through the main flue, an auxiliary flue leading directly from the combustion chamber operative to vent the combustion chamber of gases when the fan is not in operation, and means comprising a control circuit including the valves and a temperature-responsive switching mechanism operatively associated with the auxiliary flue to cause said valves to close if a predetermined temperature is exceeded in the auxiliary flue.

2,062,606
TIMING RELAY MECHANISM
Ellis G. Powell, Michigan City, Ind., assignor to C. A. Dunham Company, Marshalltown, Iowa, a corporation of Iowa
Application February 26, 1934, Serial No. 713,001
20 Claims. (Cl. 236—74)



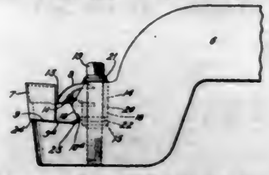
1. Timing mechanism for controlling the operation of an electrically actuated device, said mechanism comprising a circuit including a resistance and a contact movable along the resistance to progressively vary the amount of the resistance effective in the circuit, a thermostatic member for moving the contact, an electric heating element for the thermostatic member, and means for controlling the flow of current through the heating element.

2,062,607

STREAMLINED BIT CLAMP AND HOLDER

Ernest Reaney, Bridgeport, Conn., assignor to The O. K. Tool Company, Inc., New York, N. Y., a corporation of New York

Application May 29, 1935, Serial No. 24,028
4 Claims. (Cl. 29—96)



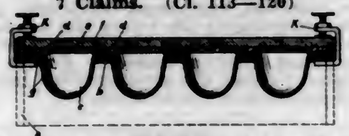
1. A chip guard for lathe tools for preventing erosion of the tool holder body by chips, comprising a hardened element adapted to be superimposed upon the holder body immediately adjacent the cutter, said element being tapered toward the cutter and provided with a convex upper surface rounded in a vertical longitudinal plane and in a plane perpendicular thereto whereby a hard wear resisting substantially spherical surface is presented to the flow of chips for deflecting the flow upwardly and laterally away from the holder irrespective of the direction of approach of the chips.

2,062,608

METHOD FOR FORMING FRAME MOLDS FOR THE PRODUCTION OF CHOCOLATES, CANDIES, AND THE LIKE

Karl Anton Max Reiche, Dresden, Germany

Application March 3, 1936, Serial No. 66,922
In Germany September 27, 1934
7 Claims. (Cl. 113—120)



1. A method of forming molds for the production of chocolates, candies and the like comprising inserting an individual mold into an aperture of a supporting member, then applying a covering plate over the surface of said mold and clamping said plate to said supporting member so as to hold said mold in assembled relation to said member, then dipping the assembled mold in a metal bath and then removing said covering plate.

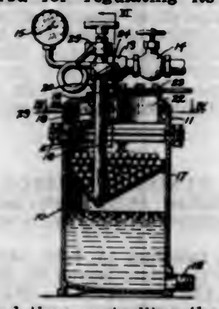
2,062,609

FUMIGATING GAS GENERATOR

James J. Reid, San Francisco, Calif., assignor to Cyanide Generator Company, Inc., Portland, Oreg., a corporation of Oregon

Application August 29, 1933, Serial No. 687,270
4 Claims. (Cl. 23—282)

1. An apparatus for generating a fumigating gas comprising, a tank adapted to contain a liquid gas producing ingredient, a cover for said tank having a vertically disposed elongated guide bearing, a vertically movable piston forming rod disposed in said bearing, a basket like receptacle for holding a second gas producing ingredient disposed about and secured at its bottom to the end of said rod, the diameter of said rod being substantially larger than that required to support said basket like receptacle, whereby it will act as a piston to raise the basket like receptacle when a predetermined pressure is established within said tank by a generation of gas, and an adjustable friction producing packing disposed about said rod for regulating its freedom of



movement and thus controlling the pressure at which said rod will operate as a piston to separate the gas producing ingredients.

2,062,610

DISPENSER FOR POWDERED DENTIFRICE

Clifford E. Rickel, Mogadore, Ohio

Application July 24, 1935, Serial No. 32,946
10 Claims. (Cl. 221—62)



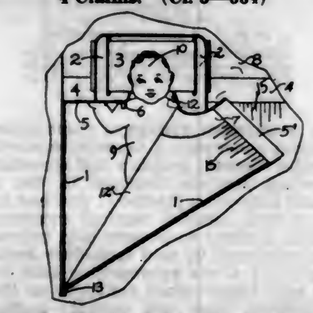
1. A device of the class described including a handle having a compartment adapted to receive powdered dentifrice, a plate forming a closure for said compartment and provided with a discharge nipple adapted to register with the dentifrice compartment, a spring actuated valve mounted in the dentifrice compartment and provided with a stem adapted to project through one wall of the handle, and means carried by the sliding plate and coacting with the valve for normally holding the stem thereof in retracted position.

2,062,611

INFANT'S SHEET

Nappelius Z. Rosenthal, Los Angeles, Calif.

Application August 19, 1935, Serial No. 36,860
4 Claims. (Cl. 5—334)



1. An infant's sheet having a neck opening centrally of the width of the sheet and at a considerable distance downwardly from the top edge thereof whereby the infant's head may rest upon the upper portion of the sheet, said sheet also having a transverse slit with overlapping

edges running from the neck opening to a point adjacent but within one side edge of the sheet, as well as a longitudinal slit continuous with the transverse slit and extending downwardly from the outer end of said transverse slit.

2,062,612

TIRE COVER

Creighton W. Ryerson, Jackson, Mich., assignor to Ryerson & Haynes Inc., a corporation of Michigan

Application August 1, 1933, Serial No. 683,191
6 Claims. (Cl. 150—54)



1. In a tire cover, a front member adapted to extend from the tread to the middle of the front side of a tire, a member adapted to extend from a point adjacent the first member to the middle of the rear side of said tire, a hook secured to one of said members, a lever pivoted at one end to the other member, a link pivoted to the other end of said lever and adapted to engage said hook to draw the same members toward each other, said members being constructed to engage the middle of the sides of the tire before said means completes its drawing action whereby the cover is resiliently held in place on the tire.

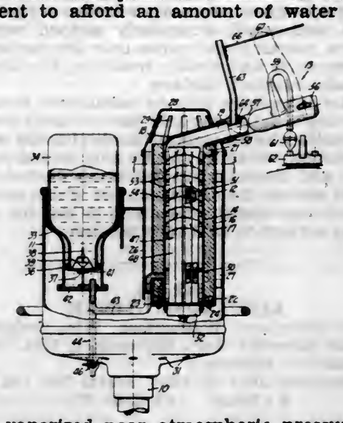
2,062,613

STEAMING APPARATUS FOR PERMANENT HAIR WAVING

Floyd V. Schleimer, San Francisco, Calif., assignor to United States Appliance Corporation, San Francisco, Calif., a corporation of California

Application January 28, 1935, Serial No. 3,679
5 Claims. (Cl. 219—38)

1. In a steaming apparatus of the character described, a vaporizing container, an inverted water reservoir having a lower water outlet, a receptacle surrounding said outlet and in communication with the atmosphere whereby water from the reservoir flows into said receptacle as air is admitted to the reservoir through said outlet, a heating element of substantially vertical extent associated with the container, means for conveying steam from the container to hair waving devices, and a substantially unobstructed tube connecting the receptacle with the container whereby water delivered to the container tends to seek a level corresponding to the level of water in the receptacle, the point of communication of said tube with said container being intermediate said level and the bottom of the container and also being intermediate the vertical extent of the heating element, the volumetric capacity of said container below said point of communication being sufficient to afford an amount of water which



when vaporized near atmospheric pressure will provide sufficient steam for completing a hair waving operation.

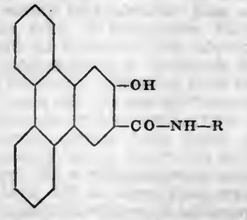
2,062,614

BENZOPHENANTHRENARYLIDES

Albert Schmelzer, Cologne-Mulheim, and Curt Schuster, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application August 23, 1935, Serial No. 37,600. In Germany December 24, 1934
4 Claims. (Cl. 260—124)

1. Hydroxybenzophenanthrene carboxylic acid arylamides of the general formula:—



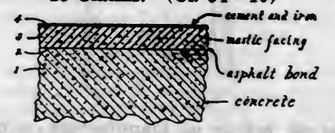
wherein R stands for an aromatic radical free from groups inducing solubility in water, being generally white to yellow colored substances, insoluble in water, soluble in aqueous alkalies and being valuable intermediate products for the manufacture of water-insoluble azodyestuffs.

2,062,615

PROCESS OF HARDENING THE SURFACE OF MASTIC STRUCTURES

Edward W. Scripture, Jr., Cleveland, Ohio, assignor to The Master Builders Company, Cleveland, Ohio, a corporation of Ohio

Application April 3, 1935, Serial No. 14,526
15 Claims. (Cl. 94—10)

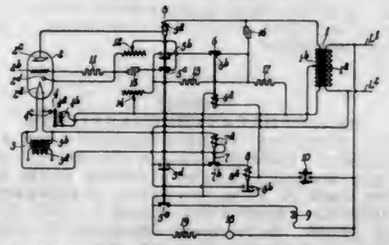


1. The process of hardening the surface of a structure formed from a mastic composition emulsified in an aqueous medium which consists

in applying to the damp surface of such structure prior to its setting a dry mixture of hydraulic cement and small irregularly shaped metallic particles, working the same into the surface of said structure, and finally troweling the same to a smooth compact surface.

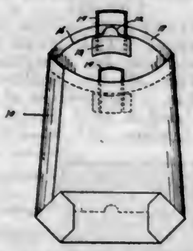
13. An integrally formed laminated structure comprising a relatively soft base or body portion held together by an asphalt binder having a hard outer surface held together by a hydraulic cement binder, and means including small discrete particles of matter the dimensions of which are substantially one-eighth of an inch or less for bonding said surface to said body portion.

2,062,616
ELECTRONIC TIMER
Carroll Stansbury, Wauwatosa, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application July 5, 1934, Serial No. 733,721
6 Claims. (Cl. 250—27)



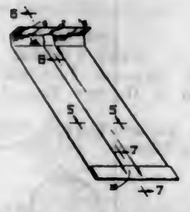
1. A gaseous electron discharge tube having a cathode, an anode, an auxiliary anode and a control electrode, means to impress an alternating potential on said cathode and anode, an energy storage circuit connected to said cathode and control electrode and adapted to impress upon said control electrode a unidirectional potential derived from said auxiliary anode to render said tube non-conducting during the positive half cycle of said alternating potential, and means to superimpose upon said unidirectional potential an alternating potential whose maximum amplitude coincides substantially with the beginning of the positive half cycle of the first named alternating potential to render the tube conducting during said half cycle.

2,062,617
HANDLED SHOPPING BAG
Harford Kirk Steen, Newburgh, N. Y.
Application May 11, 1936, Serial No. 79,056
5 Claims. (Cl. 229—54)



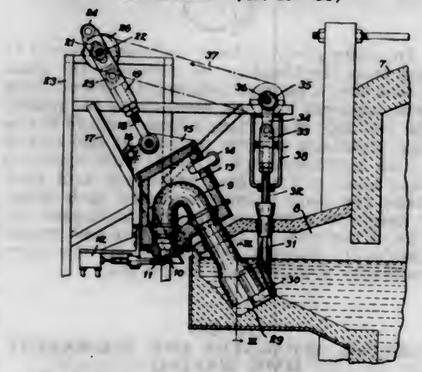
3. As an article of manufacture, a handled shopping bag the open end of which is formed with a folded-in flap between the side of the bag and the free portion of the handles.

2,062,618
AIRTIGHT BAG
Albert J. Sterling, Brooklyn, N. Y.
Application November 27, 1931, Serial No. 577,407
6 Claims. (Cl. 229—53)



1. A bag having an air-tight lining, a double-folded longitudinal seam, and the ends of the bag doubly folded transversely of said seam, the material forming one of the folds of the longitudinal seam being cut out for a short distance from each end of the seam, whereby the material of only one fold of the seam is included in the end folds.

2,062,619
GLASS FEEDING APPARATUS
Andrew H. Stewart, Shields, Pa., assignor to Ball Brothers Company, Muncie, Ind., a corporation of Indiana
Application January 21, 1935, Serial No. 2,713
15 Claims. (Cl. 49—55)

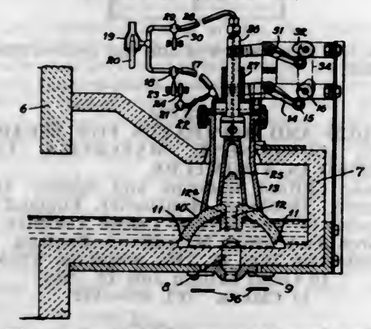


6. The combination with a receptacle for molten glass, of a feeding device comprising a curved conduit having its inner end extending downwardly into the receptacle, to a plane below the normal glass level, and its outer end extending downwardly exteriorly of the receptacle, a well disposed below the glass level and partially encompassing the inner end of the conduit, means for reciprocating the conduit relative to the well, in directions generally parallel to the adjacent axial line of the conduit, the well being made in separable parts, and means for moving said parts relative to one another.

9. Apparatus for feeding molten glass from a receptacle, comprising a curved conduit having its ends downwardly exposed, one of said ends terminating at a higher level than the other end, means for supporting said conduit with its lowermost end extending into the receptacle, and with its outermost end exteriorly of the receptacle, means for controlling the flow of glass from the receptacle into the conduit, means for reciprocating said conduit in a generally vertical direction, and means for raising the conduit out of

cooperative relation with the receptacle, the said supporting means being mounted independently of the said receptacle.

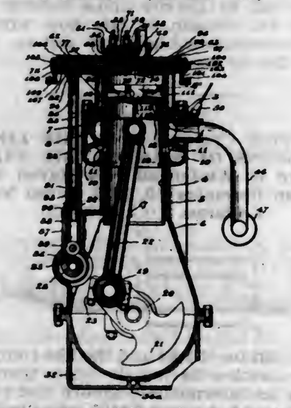
2,062,620
METHOD OF AND APPARATUS FOR FEEDING GLASS
Andrew H. Stewart, Shields, Pa., assignor to Ball Brothers Company, Muncie, Ind., a corporation of Indiana
Application March 5, 1935, Serial No. 9,440
12 Claims. (Cl. 49—55)



1. The method which comprises causing a flow of molten glass from a pool to a zone above an orifice, allowing a portion of the stream to flow through the orifice, withdrawing a portion of the glass upwardly from said zone and discharging it laterally into said pool.

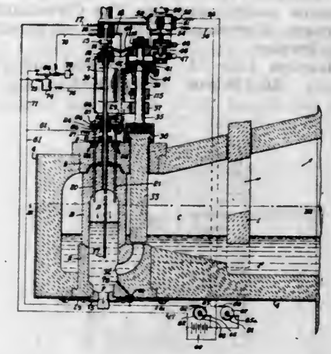
6. The combination with a receptacle for a pool of molten glass, having an orifice in its lower side, of a dome positioned above the orifice and having restricted communication with said pool and also having an opening in its upper portion, a bell above said opening, a second bell disposed circumferentially of the first-named bell, means for vertically moving said bells alternately, into and out of engagement with the dome, and means for effecting variable pneumatic impulses within the bells.

2,062,621
OIL ENGINE
Fred A. Truesdell, Cleveland Heights, Ohio
Application October 10, 1930, Serial No. 487,771
5 Claims. (Cl. 123—65)



3. In an engine of the character described, a cylinder having a head and a wall provided with exhaust ports at a distance below the head and air inlet ports below the exhaust ports, means for injecting fuel through said head into said cylinder, a piston in said cylinder having a stroke toward and away from said head from a position close to the head to a position below the exhaust port, said piston having a head provided with a centrally disposed swirl pocket opening to the top thereof and tangential passages leading from said pocket to the periphery of the piston and adapted to be brought into registry with said air inlet ports, said piston head having narrow slots extending longitudinally of said passages and establishing communication between the passages and the top of the piston, and means for supplying air under pressure to said air inlet ports.

2,062,622
FEEDER FOR THERMOPLASTIC MATERIAL
Frank L. O. Wadsworth, Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind., a corporation of Indiana
Application July 11, 1933, Serial No. 679,889
Renewed February 28, 1936
15 Claims. (Cl. 49—55)

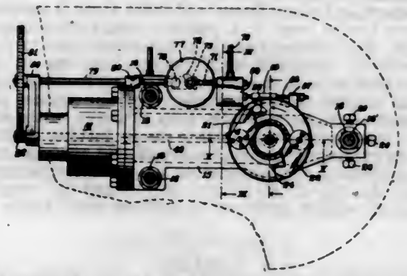


1. A feeder for thermoplastic material comprising a receptacle, a segregation chamber extending into said receptacle and having a submerged flow orifice, a mechanism for controlling flow of material from said receptacle to said chamber, a tube extending into said segregation chamber, means connected to said tube for subjecting the interior of said chamber to variations in fluid pressure, a valve in said tube, means associated with said chamber and rendered operative by the movement of material therein for closing said valve, and means for periodically opening said valve.

2,062,623
ROTARY TURRET SHEAR MECHANISM
Frank L. O. Wadsworth, Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind., a corporation of Indiana
Application February 3, 1934, Serial No. 709,597
Renewed September 5, 1935
22 Claims. (Cl. 49—14)

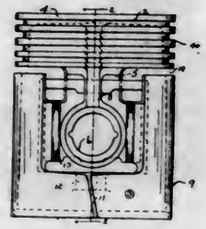
1. A shear mechanism for severing a continuously flowing stream of molten glass comprising a sleeve surrounding said stream of glass and having its axis on the line of flow thereof, a turret rotatably mounted on said sleeve, a pair of vertically extending shafts turnably mounted on opposite sides of said turret, a shear blade

secured to the upper end of each of said shafts, means for continuously rotating said turret, and



means for periodically turning said shafts to advance said blades into the stream of glass.

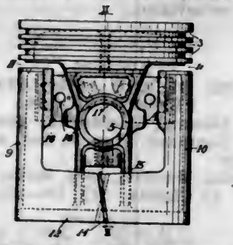
2,062,624
PISTON
George Donald Welty, Cleveland, Ohio, assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio, a corporation of Ohio
Application July 31, 1925, Serial No. 47,220
16 Claims. (Cl. 309—13)



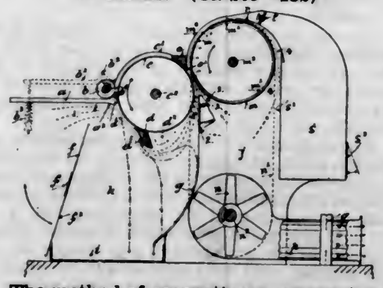
1. A piston comprising a head, oppositely disposed boss carrying webs depending therefrom, oppositely disposed bearing walls separated from the head, flexible connectors joining the said walls to the said webs, said connectors being flexible in a diametrical direction to permit relative movement of said bearing walls toward and away from each other by flexing of said connectors, and a metal insert having a lower coefficient of expansion than the remaining parts of the piston disposed adjacent to each boss carrying web and each united with both bearing walls over a longitudinal length of the latter greater than the corresponding length of attachment of the bearing walls to the flexible connectors.

2,062,625
PISTON
Allen B. Norton, Cleveland, Ohio, assignor, by mesne assignments, to The Cleveland Trust Company, trustee, Cleveland, Ohio, a corporation of Ohio
Application July 18, 1927, Serial No. 206,450
5 Claims. (Cl. 309—13)

1. A piston having a skirt with spaced bearing faces and a perforated vertically disposed link at each side of said skirt, having one end embedded in each bearing face, the metal of the bearing faces extending through and filling the end perforations, the metal of the bearing faces terminating at the inner edges of the end perforations of the link.

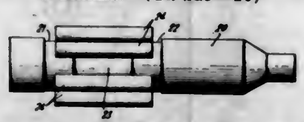


2,062,626
METHOD AND APPARATUS FOR SEPARATING COMPONENT MATERIALS COMPRISED IN A MIXTURE
Thomas Clifford Williams and Sydney Alfred Shorter, Didsbury, Manchester, England, assignors to The British Cotton Industry Research Association, Manchester, England
Application June 13, 1933, Serial No. 675,550
In Great Britain July 12, 1932
11 Claims. (Cl. 209—132)



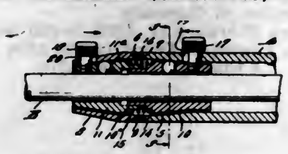
2. The method of separating component materials from a mixture, which consists in delivering the mixture into a fluid flow, and causing said flow with the contained mixture to impinge upon a rotating downwardly curved surface and pass above a quiescent body of fluid of substantially greater depth than that of the flowing fluid, the path of flow of said fluid being so directed that components of the mixture having least buoyancy will fall by gravity those having greatest buoyancy will remain in the flow while those having intermediate buoyancy will be removed from the flow by centrifugal action.

2,062,627
PINION FOR CLOCKS AND THE LIKE AND PROCESS OF MAKING THE SAME
Richard H. Whitehead, New Haven, Conn.
Application December 19, 1935, Serial No. 55,161
6 Claims. (Cl. 219—10)



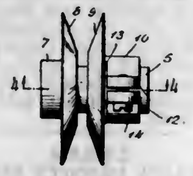
6. A pinion for clocks and the like comprising a rotatable member having shoulders thereon separated by an intermediate groove and pins concentrically welded around said collar to form the teeth of the pinion.

2,062,628
CLUTCH LOCK
Peter Yannetta, Waterbury, Conn.
Application January 25, 1935, Serial No. 3,527
5 Claims. (Cl. 287—58)



1. In a securing device of the class described, the combination with inner and outer relatively movable members, said outer member having oppositely tapered bores, tubular locking cones operating in said bores and having openings therethrough receiving said inner member, and each of said locking cones having lateral openings therethrough, balls operating in said lateral openings and arranged to wedge between the exterior of said inner member and said walls of the tapered bores of the outer member in a manner to securely retain the inner and outer members locked against relative movement, said locking cones having slidably engaged portions operating to maintain said cones in axial alignment.

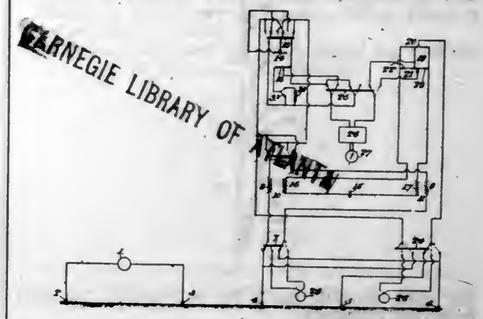
2,062,629
ADJUSTABLE PULLEY
Michael Zimic, Forest Hills, N. Y.
Application October 17, 1935, Serial No. 45,390
1 Claim. (Cl. 74—230.17)



A pulley comprising a sleeve having a pulley section thereon, a second pulley section adjustable on said sleeve and having formed thereon a hub split to provide opposed members of arcuate formation which combine to partially embrace said sleeve, each of said members having a central edge portion formed integrally with said second section with inner edges of the end portions of the member spaced from the latter section, and opposed flexible clamping portions spaced from each other and extending laterally from said end portions with the edges of said clamping portions adjacent said second section also spaced from the latter, and means connecting said opposed clamping portions to tighten the opposed members of said hub about said sleeve.

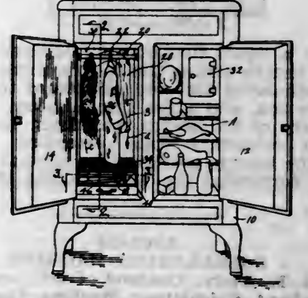
2,062,630
METHOD AND APPARATUS FOR ELECTRICAL PROSPECTING
Theodor Zuschlag, West Englewood, N. J., assignor to Hans T. F. Lundberg, New York, N. Y.
Application May 3, 1934, Serial No. 723,669
15 Claims. (Cl. 175—182)

1. In a method of electrical prospecting, the steps of establishing an electric ground field in a tract to be investigated, producing in a measuring network having a plurality of branches current flow due to the character of said ground field, balancing the current in said network by procedure including the adjustment of a potentiometer to compensate for phase displacement between different branches of said network, altering the current flow in said network, and reestablishing the balance of said network.



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2,062,631
FUR AND WOOLEN COLD STORAGE COMPARTMENT FOR HOUSEHOLD REFRIGERATORS
Candace Baird Alig, Des Moines, Iowa
Application October 9, 1935, Serial No. 44,227
2 Claims. (Cl. 62—89)



1. In a device of the class described, a refrigerator casing, a food compartment therein and a fur and woolen cold storage compartment therein and independent of said food compartment, a cooling unit for said food compartment and a second cooling unit for said fur and woolen cold storage compartment, said second cooling unit being positioned adjacent the bottom of said fur and woolen cold storage compartment, a grating over said second cooling unit and means for circulating the air within said last mentioned compartment past said second cooling unit.

2,062,632
RADIO RECEIVING SET
Leon H. Amdur, Brooklyn, N. Y., assignor to Masterpiece Radio Corp., Brooklyn, N. Y., a corporation of New York
Application January 27, 1936, Serial No. 60,982
7 Claims. (Cl. 250—14)

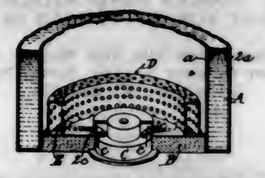
1. A radio receiving set comprising a casing for the receiving elements, a picture which conceals the said casing, the picture being so constructed

as to allow various parts of the subject depicted to be relatively moved, and means adjustable by



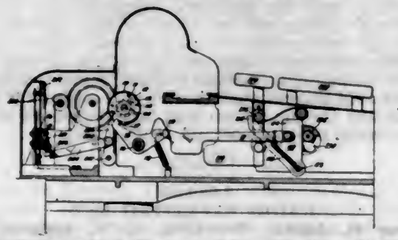
the said movable parts for controlling the said receiving elements.

2,062,633
HEARTH CONSTRUCTION FOR OIL BURNERS
Oscar J. Appel, Paterson, N. J.
Application March 6, 1934, Serial No. 714,225
11 Claims. (Cl. 158—4)



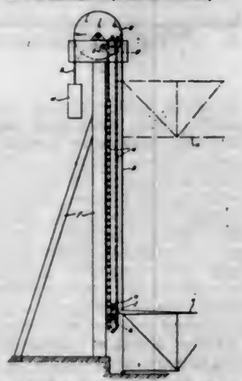
1. In a liquid fuel burning apparatus, a fire box, a hearth closing the bottom thereof, means for discharging fuel and air toward the wall of the fire box, and a fire ring adjacent the outer periphery of the hearth comprising spaced perforated refractory walls extending upwardly from the hearth providing an annular chamber and a perforated top wall bridging the spaced walls.

2,062,634
CALCULATING MACHINE
Harold T. Avery, Oakland, Calif., assignor to Marchant Calculating Machine Company, a corporation of California
Application June 1, 1931, Serial No. 541,286
Renewed December 26, 1935
7 Claims. (Cl. 235—63)



4. In a calculating machine, displaceable numeral wheels, mechanism operable by an overdraft registration of a selected numeral wheel, and means for selectively positioning said mechanism in operative relation with a selected numeral wheel in any of a plurality of displaced positions thereof.

2,062,635
LIFTING BRIDGE
Heinrich Breitwieser, Griesheim, near Darmstadt, Germany, assignor to Maschinenfabrik Augsburg-Nuernberg A. G., Nuremberg, Germany, a corporation of Germany
Application February 20, 1935, Serial No. 7,331
In Germany February 22, 1934
4 Claims. (Cl. 14—42)



1. A lifting device for lift bridges and the like having counterpoises suspended from cables or the like, comprising a driving gear separated from the means for holding said cables, and endless articulated rack-bars or chains conducted over upper and lower cog-wheels or chain-wheels supported in the towers pertaining to the bridge, said upper wheels serving as driving wheels for said gearing, said device comprising, in combination with the above-stated members, yielding members at which the lower of the said wheels are supported and which are adapted to permit an elastic backlash of the gearing when the bridge bearings contact with the supports provided for them.

2,062,636
COHESIVE LOW DENSITY PELLETS AND PROCESS OF CONTROLLED DRYING
Clarence W. Brooks, Jr., Woodbury, N. J., and Charles R. Johnson, West Chester, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 11, 1934, Serial No. 720,044
4 Claims. (Cl. 52—19)

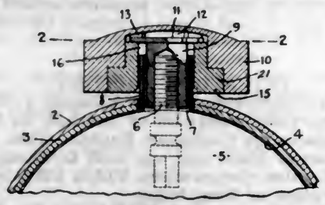
1. The process of producing a firm, low density, cohesive pellet of black blasting powder, which process comprises compressing into a container of predetermined form a charge of black powder wheel cake having a moisture content between 5 per cent and 8 per cent to produce a pellet sufficiently cohesive to withstand removal from said container, removing said compacted, undried pellet from said container, and drying said pellet to a moisture content less than 1 per cent, to produce a pellet which is non-friable in the unenclosed state.

2,062,637
WATCH CONSTRUCTION
Ardé Bulova, New York, N. Y., assignor to Bulova Watch Company, Inc., New York, N. Y., a corporation of New York
Application April 15, 1936, Serial No. 74,396
1 Claim. (Cl. 58—90)

In a watch having a case, a movement, and a stem, the combination of a dust band between

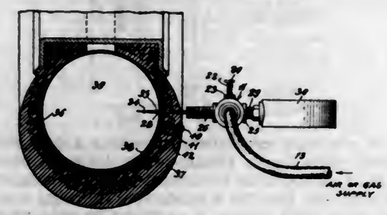
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the movement and the case, a tube on the dust band extending from the case about the stem, a



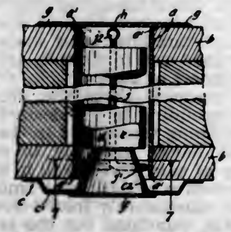
crown post on the stem inside the tube, and a crown having loose interengagement with the upper portion of the post and encircling the tube.

2,062,638
VALVELESS INFLATABLE ARTICLE
Nicholas Demarest Campbell, Hackensack, N. J.
Application June 7, 1935, Serial No. 25,426
3 Claims. (Cl. 152—13)



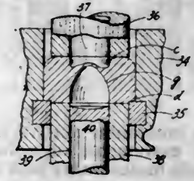
1. An automobile tire comprising a shoe, a valveless inner tube enclosed thereby, one or more portions of said inner tube having the outer surface thereof covered by puncture sealing material and said shoe being adapted to permit a hollow needle to pass through the side thereof, whereby a hollow needle may be inserted through said shoe, and one of said portions for inflating the said tube thereby.

2,062,639
WALL CHUTE FOR BILLS
Thomas E. Cartwright, Portland, Oreg., assignor of one-half to F. Sylvester Cartwright, Portland, Oreg.
Application February 25, 1936, Serial No. 65,579
6 Claims. (Cl. 232—19)



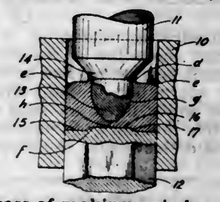
1. The combination with a wall, of a tubular chute locked to said wall by laterally extending flange elements engaging the faces of said wall, two cover plates covering the ends of said chute, respectively, and secured to the wall faces, one plate comprising a face plate provided with an inturned conical flange axially alined with the tubular chute, extending a substantial distance into the latter, but spaced from the walls thereof, the other cover plate comprising a face plate having a pendently swung hinged cover.

2,062,640
PROCESS FOR FORMING NUTS AND THE LIKE
William L. Clouse, Tiffin, Ohio, assignor to The National Machinery Company, Tiffin, Ohio, a corporation of Ohio
Application February 10, 1933, Serial No. 656,126
43 Claims. (Cl. 10—86)



2. A process of making nuts including upsetting a blank to polygonal shape by partially piercing the same from opposite sides leaving a web of metal within the blank, reducing the thickness of the web within the blank by piercing the same from one side and subsequently with a separate tool shearing out the metal of the web to form a hole extending completely through the blank.

2,062,641
METHOD OF MAKING NUTS AND THE LIKE
William L. Clouse, Tiffin, Ohio, assignor to The National Machinery Company, Tiffin, Ohio, a corporation of Ohio
Application April 6, 1933, Serial No. 664,749
28 Claims. (Cl. 10—86)

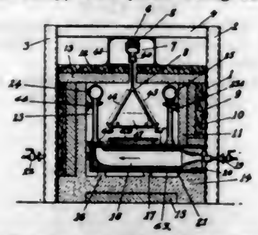


1. The process of making nuts by cold working comprising shearing off a length of stock from a bar, upsetting and spreading the metal into a polygonal form by partially piercing the length of stock, retracting the piercing tool from the stock, finishing the end faces of the length of stock and reducing the stock to the desired axial length, and maintaining at least one surface of the metal unconfined during each operation to permit a free flow of the metal at such surface to limit the pressures developed in the operations and to dispose of any excess volume of metal.

2,062,642
FURNACE FOR ENAMELING, HEAT TREATING, ETC., AND PROCESS OF APPLYING HEAT THEREFOR
William A. Darrah, Chicago, Ill.
Application May 12, 1933, Serial No. 670,701
13 Claims. (Cl. 263—8)

1. A heating device consisting of a heating chamber, a movable support for work in said heating chamber, an insulated housing, a horizontally extending combustion chamber located in the lower portion of said housing, a rigid heat resisting shell surrounding said combustion chamber, a refractory lining within said shell, a discharge duct leading products of combustion from said combustion chamber and a yieldable removable sealed joint between said shell and said duct for removing products of combustion

from said combustion chamber without leakage into said housing, said joint being arranged to

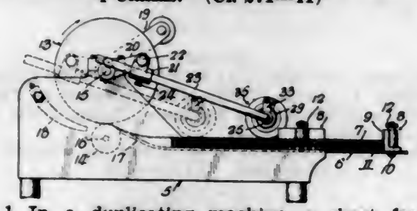


yield in both a horizontal and vertical plane to compensate for movements of either said shell or said duct while maintaining said joint tight.

2,062,643

FEEDING MEANS FOR DUPLICATING MACHINES

John Durban Edmunds, Glen Ellyn, Ill., assignor to Edward Buschman, Chicago, Ill.
Application July 1, 1935, Serial No. 29,284
4 Claims. (Cl. 271—41)

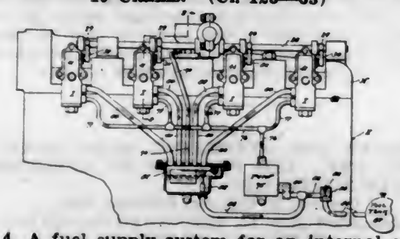


1. In a duplicating machine, a sheet feeding mechanism including a reciprocable rod, a right angle shaft portion carried by one end of said rod, a sleeve journalled on said shaft portion, a friction-faced roller fixed on said sleeve and a one-way clutch including parts operatively engaged upon said sleeve and shaft portion respectively.

2,062,644

INJECTION ENGINE AND FUEL INJECTION DEVICE

Orville H. Ensign, Pasadena, Calif., assignor to Ensign Carburetor Co., Ltd., Huntington Park, Calif., a corporation of California
Application June 9, 1931, Serial No. 543,124
19 Claims. (Cl. 123—33)

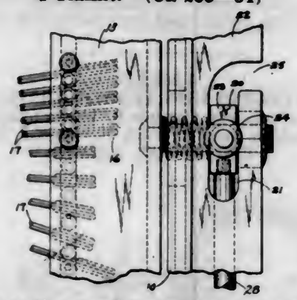


4. A fuel supply system for an internal combustion engine, comprising a constant level fuel chamber having an inlet orifice and an overflow outlet, a cylinder, walls forming a compression chamber communicable with said cylinder, means actuated by the pressure of an air charge compressed into said compression chamber to lift fuel from the constant level chamber and forcibly inject it into the engine cylinder in quantity proportionate to the pressure of the compressed air charge, fuel circulatory means embodying a fuel pump supplying fuel to said constant level chamber, a fuel overflow chamber connected to said pump and receiving fuel from the constant level chamber, and a fuel tank connected to the suction side of said pump to supply fuel thereto.

2,062,645

INTERLOCK SUPPORT

Arthur F. Foehrenbach and Ransom F. Shoup, Canton, Ohio, assignors of one-half to Berger Manufacturing Company, Canton, Ohio, a corporation of Ohio, and one-half to Shoup Voting Machine Corporation, Union City, N. J., a corporation of New Jersey
Application December 29, 1934, Serial No. 759,731
4 Claims. (Cl. 235—54)

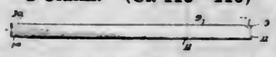


1. In a voting machine embodying a pull strap interlock having a frame with locking blocks therein, a supporting structure therefor comprising a channel having a guideway therein, a stud mounted in said frame, a carriage in said guideway connected to said stud, a spring mounted upon said stud intermediate said frame and said carriage, a nut upon the free end of said stud, said carriage having anti-friction rollers thereon engageable with said guideway whereby said frame may be reciprocated vertically relative to said channel.

2,062,646

METHOD OF FRAMING DOUBLE FACE POCKETBOOK MIRRORS

Joseph H. Fox, Long Island City, N. Y.
Application February 7, 1936, Serial No. 62,842
1 Claim. (Cl. 113—116)

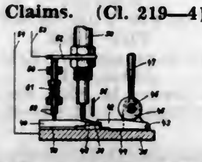


The method of framing double face pocketbook mirrors, comprising the following steps; drawing a circumscribed area of sheet material in a shape corresponding to the shape of the article to be framed and to a depth approximating the total thickness of such article, trimming the surrounding material about the drawn wall to a width corresponding to the desired width of a flange for confining the article in the frame and notching said flange inwardly to substantially the beginning of said drawn wall in shape to enable the notched edges to meet smoothly when said flange is subsequently folded down over the inserted article, punching out the center of the drawn area at a distance inward from the drawn wall corresponding to the desired width of a flange for supporting the article in the frame, folding the surrounding trimmed and notched confining flange portion into substantial continuation of said drawn wall, seating the article in said drawn portion resting on said supporting flange and continuing the folding of said notched rim flange inwardly over into substantially confining engagement with the article resting on said supporting flange.

2,062,647

MACHINE FOR THE ELECTRIC WELDING OF THE FEET OF KNITTING MACHINE NEEDLES

Gottfried Fuchs and Hermann Späth, Stuttgart-Cannstatt, Germany
Original application August 10, 1932, Serial No. 628,200. Divided and this application July 21, 1933, Serial No. 681,536. In Germany June 9, 1932
2 Claims. (Cl. 219—4)

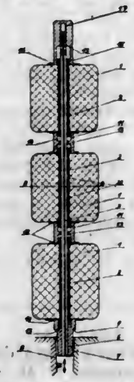


1. A machine for connecting together the arms of the feet on knitting machine needles, comprising in combination a machine table, two plates arranged at a distance apart on said table and adapted to support the arms of the feet of the knitting machine needle, a pole plate extending between said spaced plates and adapted to support the end of the needle foot, an insulating plate under said pole plate insulating said pole plate from said machine table, a gripper plate hingedly mounted on said table opposite said pole plate and overlapping said supporting plates, said gripper plate adapted to cooperate with said supporting plates to clamp the arms of the workpiece, an eccentric arranged above said gripper plate adapted to press and hold said gripper plate tightly against the workpiece, and an electrode movably mounted above said insulated pole plate and adapted to be brought into contact with the end of the foot.

2,062,648

HOLDER FOR YARN SPOOLS AND THE LIKE

Wilhelm Geidner, Kempten-Allgaeu, Germany
Application June 29, 1933, Serial No. 678,175
In Germany March 16, 1933
3 Claims. (Cl. 8—19)

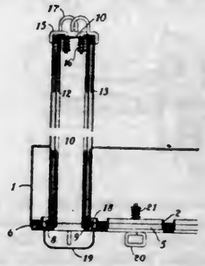


1. In a yarn-dyeing, -bleaching, and -drying mechanism comprising a spool-carrier and perforated-tube yarn-spools mountable thereon and having projecting tube ends, mounting means for said spools each comprising a liquid-circulating spool-supporting spindle, a hollow foot-piece for connection of said spindle to said carrier, and liquid-circulating substantially tubular distance-pieces relatively adjustable axially upon said spindle and upon the projecting ends of said perforated-tube yarn-spools, the internal liquid-circulating diameter of said distance-pieces being at least equal to the internal diameter of said perforated-tube yarn-spools.

2,062,649

AUXILIARY AIR FILTER FRAME

Chester P. Hegan, Louisville, Ky., assignor to American Air Filter Company, Inc., Louisville, Ky., a corporation of Delaware
Application June 29, 1934, Serial No. 732,980
7 Claims. (Cl. 183—51)



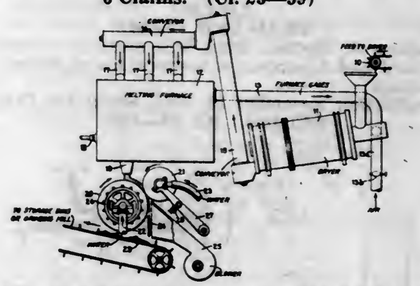
1. An auxiliary frame of the class described comprising a sheet metal casing having a front face formed with an opening to receive a filter unit, the front face being rearwardly turned along said opening to provide flanges and along its outer marginal edge to provide side walls for the casing, and an auxiliary front face secured to the front face of said casing and having an opening and an outer marginal edge which substantially correspond to the opening and the outer marginal edge of the front face of the casing, said auxiliary face being forwardly turned both along said corresponding opening and along its outer marginal edge to provide flanges.

2. A pocket-frame of the class described, comprising opposed screen faces, a frame supporting said screens in spaced relation and providing the marginal walls of the pocket, said frame including an end plate having an air passage opening, and a sealing edge on said plate which slants rearwardly therefrom.

2,062,650

PRODUCTION OF NONCRYSTALLINE BORAX

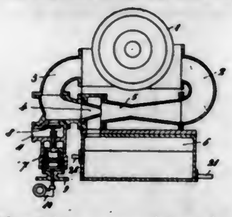
Henry D. Hellmers, Westend, Calif., assignor to West End Chemical Company, Westend, Calif., a corporation of California
Application January 23, 1935, Serial No. 3,072
6 Claims. (Cl. 23—59)



6. In a process of producing borax glass from hydrous borax containing insufficient water of crystallization for fusion therein, the steps of melting such hydrous borax, and passing the molten borax between rotating rolls to form the

borax into a thin layer and concurrently and rapidly cooling the layer to a sufficiently low temperature for solidification without crystallization.

2,062,651
REFRIGERATOR
Albert Hennig, Kiel, Germany
Application January 5, 1934, Serial No. 705,389
In Germany January 3, 1933
4 Claims. (Cl. 62—115)

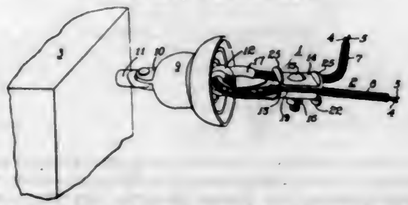


1. A refrigerator, comprising in combination a compressor operated from any suitable source of power, a compartment on the intake side of said compressor, a pipe leading from the delivery side of said compressor, an evaporator partly filled with liquid and a suction pump at the end of said delivery pipe actuated by the mixture of steam and air compressed by said compressor and connected with said compartment on the intake side and with said evaporator above the level of the liquid therein, said pump adapted to produce a vacuum in said evaporator to evaporate the liquid therein and feed the vaporized liquid and air through said compartment to said compressor.

2,062,652
CUTTING OIL
Louis A. Herrmann, Jersey City, N. J., and Theodore G. Roehner, Malverne, N. Y., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application December 14, 1934, Serial No. 757,467
9 Claims. (Cl. 87—9)

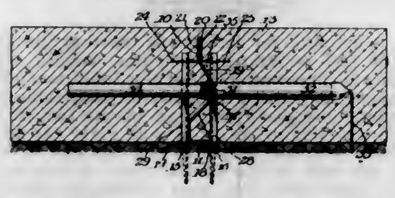
1. A lubricant of the class denoted as "soluble cutting oils", comprising a hydrocarbon oil, sufficient emulsifying base to bring about substantially immediate and permanent emulsion in water of ordinary neutral quality, and a "sulphurized base", said last-named ingredient being present to an extent sufficient to substantially increase the load-bearing capacity of the compound.

2,062,653
DEAD END CLAMP
Andrew A. Hocher, Etna, Pa., assignor to Hubbard and Company, a corporation of Pennsylvania
Application November 19, 1935, Serial No. 50,578
6 Claims. (Cl. 24—135)



1. A clamp comprising a channel member and a cooperating plate disposed within the channel between which the strands of a loop may be received, a bolt for drawing said clamp parts together to clamp both strands of the loop, and a grooved reinforcing hook formed integrally with said channel member and serving as a bearing for the loop and being arranged for easy attachment to a support such as the eye of an anchor bolt for example.

2,062,654
PARTING STRIP FOR ROADWAYS OR THE LIKE
James H. Jacobson and Eric E. Hall, Chicago, Ill.
Application February 10, 1934, Serial No. 710,687
2 Claims. (Cl. 94—18)

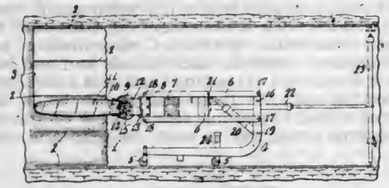


1. In a concrete pavement or the like embodying the combination of a pair of adjacent concrete sections cast in situ upon a base material, a joint separating and sealing the space intervening between said concrete sections, said joint comprising a stool and a seal capping an edge thereof, said seal consisting of an expansible member formed from a piece of flexible material bent upon itself to provide spaced walls movable relatively to each other at the bend, the material forming said walls being fashioned to provide an outwardly projecting apertured flange at the lower edge of each of said walls, said stool comprising a single plate, the upper termination thereof being located within the space between the spaced walls of the seal, said plate being corrugated thereby forming alternately spaced parallel ridges establishing a pair of spaced connected walls, a base for said stool, said base extending from one wall thereof to a point in a vertical line with the oppositely spaced wall, and a pair of substantially parallel supporting members positioned one on each side of the joint so formed, each supporting member passing through an aperture in one outwardly projecting apertured flange of said seal and extending therefrom into the base material and serving to position the joint while the plastic concrete is being poured, each of said supporting members having a bearing on the seal, a second bearing on one of the spaced walls of the stool, and a third bearing on the base of the stool, said supporting members adapted to be finally embedded in the pavement material.

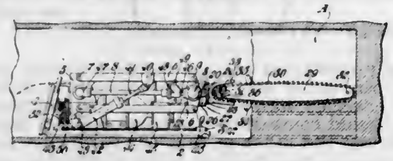
2,062,655
COAL MINING MACHINE
Joseph F. Joy, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Original application June 12, 1931, Serial No. 543,974. Divided and this application April 16, 1936, Serial No. 74,735
15 Claims. (Cl. 262—28)

3. In a coal mining machine, a portable base having at its rear end an upstanding frame portion, parallel arms pivotally mounted on said upstanding frame portion to swing in a vertical direction relative to said base, and a horizontal,

elongated, plane kerf cutter having an endless cutter chain mounted for circulation in a horizontal orbit about its margin and mounted at the forward extremities of said arms.

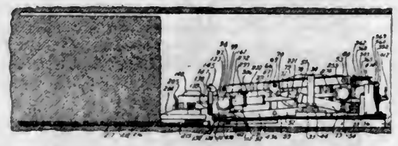


2,062,656
APPARATUS FOR MINING COAL
Joseph F. Joy, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Original application October 13, 1931, Serial No. 568,596. Divided and this application July 30, 1934, Serial No. 737,557
45 Claims. (Cl. 262—28)



11. In a mining machine, a base, a frame guided for longitudinal movement thereon, a linkage mounted on said frame in overlying relation thereon to swing relative thereto about a pivot located at the rear end of said frame, a vertical kerf cutter supported on said linkage, and means for moving said frame longitudinally relative to said base.

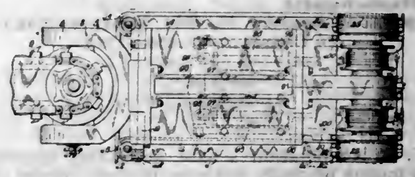
2,062,657
COAL MINING MACHINE
Joseph F. Joy, Marion, Ohio, assignor to Sullivan Machinery Company, Chicago, Ill., a corporation of Massachusetts
Application August 11, 1933, Serial No. 684,707
36 Claims. (Cl. 262—28)



3. In a mining machine, a skid plate, a main base reciprocably mounted relative to said skid plate, raising and lowering devices mounted on said main base for raising and lowering the latter, and means for reciprocating said skid plate relative to said main base when the latter is raised.

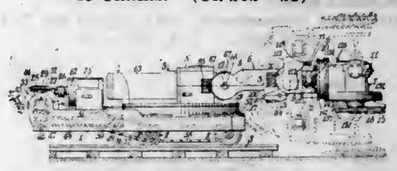
2,062,658
MINING MACHINE
Morris P. Holmes, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application August 28, 1933, Serial No. 687,108
51 Claims. (Cl. 262—30)

12. In a mining machine, a frame adapted to rest upon and slide in any direction over the mine floor, an arm pivotally mounted on said frame to swing in a vertical direction relative thereto, a yoke-shaped cutter head rotatably mounted on the outer extremity of said arm and



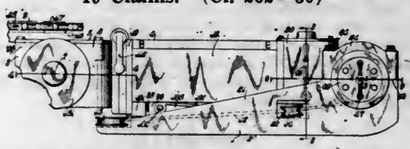
turnable through a complete revolution relative thereto, a cutter support tiltably mounted on said cutter head and swingable relative thereto about an axis at right angles to the cutter head axis.

2,062,659
MINING APPARATUS
Charles F. Osgood, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application November 20, 1933, Serial No. 698,797
49 Claims. (Cl. 262—28)



1. In a mining apparatus, a portable base, a horizontal turntable on said base, an arm mounted on said turntable for movement relative thereto and at its outer extremity overhanging said base, a support mounted at the outer end of said arm to swing relative thereto about a vertical axis while said arm remains stationary, a cutter carrying head mounted on said swingable support for rotation relative thereto about a horizontal axis at right angles to the support axis, and a kerf cutter carried by said cutter head and positionable for cutting in different planes by rotation of said head upon its said horizontal axis of rotation.

2,062,660
MINING MACHINE
Morris P. Holmes, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application January 19, 1934, Serial No. 707,321
19 Claims. (Cl. 262—30)



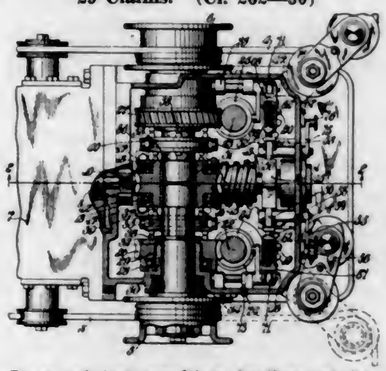
5. In a mining machine, a bottom skid, an arm pivotally mounted for vertical swinging movement on said skid, a kerf cutter carried by said arm, and motor operated means for swinging said arm relative to said skid including a screw and nut mechanism located beneath said arm between the latter and said skid and means mounted on said arm and swingable therewith for actuating said screw and nut mechanism.

2,062,661
MINING MACHINE
Clyde P. Baldwin, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application January 24, 1934, Serial No. 708,142
20 Claims. (Cl. 254—126)



7. In combination, a base, adjustable supporting means pivotally mounted thereon, means for initially adjusting said supporting means about its pivot including a bodily movable element having cam means cooperating with relatively stationary cam means, said cam means cooperating to effect adjustment of said supporting means about its pivot with a powerful wedging action, and associated means for finally adjusting said supporting means about its pivot.

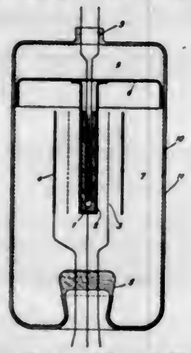
2,062,662
MINING MACHINE
Charles F. Osgood, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application November 5, 1934, Serial No. 751,554
29 Claims. (Cl. 262—30)



7. In a mining machine feeding mechanism, relatively rotatable feeding and guiding members adapted to cooperate respectively with flexible feeding and guiding means, and motor operated means for driving said members either separately or simultaneously through a wide range of low speeds between zero and a predetermined maximum low speed including a variable speed transmission mechanism for each member through which it, but not the other member, is driven, each of said transmission mechanisms including a clutch and means driven by an element of the driving means for intermittently applying and releasing said clutch at timed intervals and a cam common to the actuation of both clutch applying and releasing means.

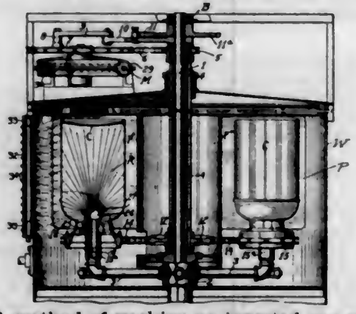
2,062,663
SHIELDED ELECTRON DISCHARGE DEVICE
Wolfgang Kautter and Hans Otto Roosenstein, Berlin, Germany, assignors to Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application June 23, 1934, Serial No. 732,034
In Germany July 5, 1933
1 Claim. (Cl. 250—27.5)

An electron discharge tube having an envelope and a metallic coating on the inside wall of said envelope, an indirectly heated cathode positioned within said envelope and including a sleeve closed at one end, a heater extending within said sleeve and provided with leads extending thru said envelope, concentric electrodes surrounding said cathode sleeve, leads to said cathode and said concentric electrodes extending thru said envelope in a direction opposite from said heater leads, and a metal shield extending transversely of the envelope into proximity to said envelope and elec-



trically connected to said metallic coating and the open end of said cathode sleeve for dividing said envelope into two shielded compartments, one of said compartments containing the heater leads and the other of said compartments containing the cathode and other electrodes, said metal shield and metallic coating electrostatically shielding said heater leads from the leads to said cathode and other electrodes and from the other electrodes within said envelope.

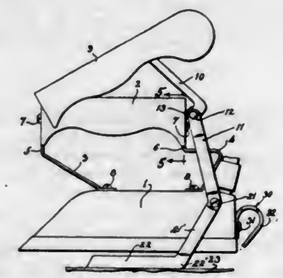
2,062,664
METHOD OF AND APPARATUS FOR WASHING MILK CANS OR OTHER RECEPTACLES
Ira H. Kendall, Potsdam, N. Y., assignor to Genevieve A. Kendall, Potsdam, N. Y.
Application November 18, 1929, Serial No. 407,885
8 Claims. (Cl. 141—7)



2. A method of washing an inverted can which consists in turning the can around its own vertical axis while forcing into said inverted can an upwardly directed and continuous and flat body of water which moves upwardly so that it strikes the inner surface of the bottom of said can and which also moves in opposite directions with respect to the axis of the can so that said body of water also strikes predetermined portions of the inner surface of the vertical wall of said can, said predetermined portions being substantially diametrically opposite to each other, said body of water being so injected with sufficient force and in sufficient volume so that the water spreads laterally in opposite directions from said predetermined portions over the entire inner surface of the vertical wall of the can, the movement of said body of water being limited to the above-mentioned movements.

6. A can washing machine comprising a rotatable valve body having pipes projecting therefrom, upstanding pipes which are connected to said projecting pipes, can supports comprising sprockets which are turnably mounted on said upstanding pipes, a shaft on which said valve body is mounted, a turnably mounted sleeve enclosing said shaft, a drive sprocket connected to said sleeve, a chain connecting said drive sprocket to said sprockets of the can supports, and means adapted to continuously turn said sleeve and to intermittently turn said shaft.

2,062,665
SELF-LIFTING SADIRON
Allen F. Kipper, Glendale, and Louis B. Tuckerman, Los Angeles, Calif., assignors to Continental Fire-Proof Iron Corp., a corporation of Arizona
Application July 5, 1935, Serial No. 29,948
17 Claims. (Cl. 38—79)



14. A sad iron including an operating member movably mounted thereon, a base, an operating member carried by said base, toggle means formed with feet, said toggle means being pivotally connected to said base and operatively connected to said operating member, and means for automatically swinging said toggle means, when said operating member is released, for depressing said feet against a supporting surface for supporting said base out of contact with said surface.

2,062,666
PELLETED BLASTING POWDER
William E. Kirst, Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 27, 1933, Serial No. 668,221
10 Claims. (Cl. 52—17)

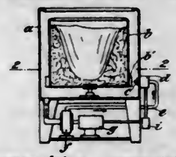
1. A formed block of deflagrating blasting powder, characterized by its high strength and having a density less than 1.30, said block comprising a modified black powder composition containing ammonium nitrate as an ingredient.

5. A formed block of deflagrating blasting powder, characterized by its high strength and low density of less than 1.30, comprising a modified black powder composition containing as ingredients ammonium nitrate and a low density carbonaceous material.

2,062,667
METHOD OF PREPARING PSEUDO-BUFOTALIN
Heizaburo Kondo, Shumichi Ikawa, and Yoshito Kobayashi, Tokyo, Japan
No Drawing. Application August 22, 1934, Serial No. 740,872
1 Claim. (Cl. 260—25)

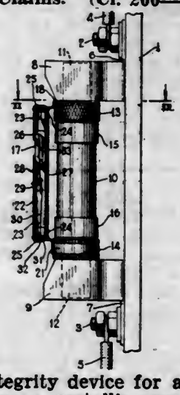
Method of preparing a heart medicine, which consists in lixiviating "senso" (a Chinese medicine obtained from the secretion of the toad) with alcohol, shaking said solution with the addition of petroleum ether, removing the upper layer of petroleum ether solution and pouring ether into the lower layer, removing the resinous matter thus separated, volatilizing the remaining ether-alcohol solution into alcohol solution again, pouring it into water and precipitating it, lixiviating it in a cold state with ethylacetate and then turning its distilled residue into alcohol solution again to crystallize out an effective ingredient from it.

2,062,668
WASHING MACHINE
Friedrich Emil Krauss, Schwarzenberg, Saxony, Germany
Application March 11, 1933, Serial No. 660,407
In Germany March 22, 1932
5 Claims. (Cl. 68—18)



1. A washing machine, comprising in combination a vertical drum with an imperforate wall rotatable about its vertical axis and open at its upper end and adapted to accommodate the dirty linen and washing lye, means for rapidly rotating the drum through several revolutions to impel the linen and lye to ascend the imperforate wall of said drum, means for thereafter suddenly braking the rotation of said drum to cause the linen and lye to descend to the bottom of said drum under the action of gravity, and means for effecting said first and second mentioned means alternately and repeatedly during a washing period.

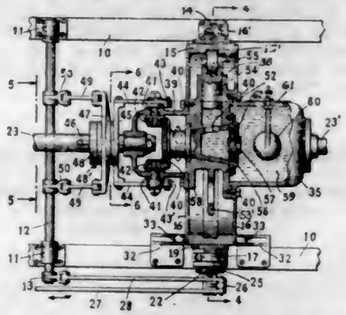
2,062,669
FUSE INDICATOR
Frank C. La Mar, New York, N. Y.
Application August 25, 1933, Serial No. 686,673
3 Claims. (Cl. 200—121)



1. In an integrity device for a cartridge fuse, in combination: a metallic arm formed with a

slot adapted to receive a fuse blade and be positioned between a cap of a fuse and a fuse clip whereby the arm cannot be removed except when the fuse blade is out of the clip; an electrical indicator having two terminals, one of the terminals electrically connected to the said arm; and means for electrically connecting the other terminal to the other fuse blade.

2,062,670
BRAKE APPARATUS
Fred E. Luebkert, Brooklyn, N. Y., assignor of one-half to Herman L. Greve, Hollis, N. Y.
Application September 5, 1935, Serial No. 39,218
9 Claims. (Cl. 188—91)



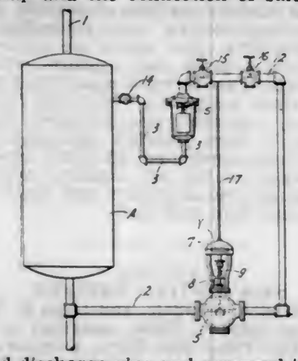
1. A brake apparatus of the character described comprising a main frame, a race-frame mounted thereon having a circular race formed therein, a shaft carried by the main frame concentric with said race, a rotatable casing having cylinders formed therein connected with said shaft, a valve having ports located adjacent the inner ends of said cylinders and normally in open communication therewith, pistons in said cylinders, elements carried by said pistons adapted to abut said race, fluid in said cylinders, means for moving said race to an eccentric position relative to said shaft, and means for operating said valve to vary the area of opening thru said ports.

2,062,671
PROCESS AND COMPOUND FOR POLISHING PLASTICS
Joseph Lupo, Jr., Bronx, N. Y.
No Drawing. Application March 6, 1935, Serial No. 9,691
6 Claims. (Cl. 51—278)

1. A tumbling compound for finishing and polishing plastic articles including 16 parts by weight of wood fragments, 2 parts by weight of a light lubricating mineral oil, impregnating and coating the wood fragments and 4 parts by weight of powdered pumice adhesively bonded to the wood fragments by the cutting oil.

2,062,672
DRAINAGE CONTROL
Henry J. Mastenbrook, Cleveland, Ohio, assignor to The Swartwout Company, Cleveland, Ohio, a corporation of Ohio
Application June 14, 1932, Serial 617,184
2 Claims. (Cl. 137—103)

1. The combination of a container for steam and liquid having an inlet and an outlet, a discharge pipe connected to said outlet, a pressure actuated valve in said discharge pipe having a pressure chamber, a conduit connected to the portion of the container normally containing steam and at its other end to a discharge pipe, a steam trap adapted to permit the discharge of condensate while substantially preventing the discharge of steam, connected to said conduit, a valve in said conduit between the outlet of said steam trap and the connection of said conduit



with said discharge pipe and arranged to control the entire flow of condensate from said steam trap, connections between said conduit and the pressure chamber of said pressure actuated valve whereby pressures on the outlet side of said steam trap may be reflected in the pressure chamber of said pressure actuated valve.

2,062,673
BALANCING APPARATUS FOR GOLF CLUBS AND THE LIKE
William Ogg and Leon A. Storz, Worcester, Mass.
Application May 20, 1933, Serial No. 672,070
4 Claims. (Cl. 73—51)

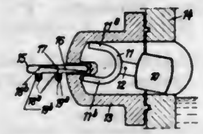


1. In apparatus of the class described, a pivoted platform for supporting the head of a golf club, and a pivotal mounting for the grip portion of the club shaft, the pivotal axes of said platform and said mounting being substantially in alinement, thereby to support said club in a position giving effect to turning moments produced by the masses of the club materials at different distances from a single imaginary axis that, in effect, passes through both the head and grip of the club.

2,062,674
CONTROL SWITCH DEVICE FOR HYDRAULIC ACCUMULATORS
Wilhelm Pirwitz, Duisburg, Germany, assignor to Schloemann Aktiengesellschaft, Dusseldorf, Germany, a corporation of Germany
Application February 20, 1934, Serial No. 712,204
In Germany March 1, 1933
5 Claims. (Cl. 200—84)

1. A control switch mechanism comprising a permanent magnet having a pair of spaced arms, said magnet being pivoted for unitary oscillation of said arms in the plane thereof, a switch armature also pivoted for oscillation in the same general direction as said magnet and having a portion thereof extending between said magnet arms, and means limiting oscillatory movement of said armature to an extent such that when the magnet is swung in one direction said armature is swung in one direction by the magnetism

of one of said arms and when the magnet is swung in the other direction the armature is



swung in the other direction by the magnetism of the other of said arms.

2,062,675
DISTILLATE PETROLEUM PRODUCTS AND METHOD OF TREATING SAME
James B. Rather and Leslie C. Beard, Jr., Brooklyn, and Orland M. Reiff, Jackson Heights, N. Y., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Original application November 26, 1926, Serial No. 151,005. Divided and this application May 23, 1933, Serial No. 672,513
11 Claims. (Cl. 44—9)

1. The method of stabilizing the characteristics of a low boiling light colored distillate petroleum product of the class of gasoline or kerosene that normally tends to develop objectionable products of oxidation during storage, which comprises adding thereto a small quantity of an aryl amine of the class consisting of alpha naphthylamine and phenyl hydrazine sufficient substantially to retard the formation of said objectionable products of oxidation.

3. A motor fuel containing unsaturated hydrocarbons tending to oxidize to form objectionable products and containing as a stabilizing agent .0002 to .02% alpha naphthylamine.

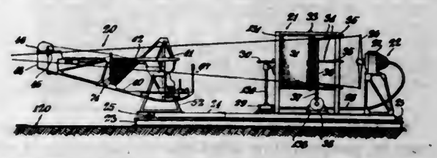
2,062,676
COMPOSITIONS OF MATTER AND PETROLEUM PRODUCTS AND METHOD OF MAKING
Orland M. Reiff, Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application April 26, 1935, Serial No. 18,390
10 Claims. (Cl. 87—9)

1. As a new composition of matter a hydrocarbon oil composition of low pour point cmprising a hydrocarbon oil of normally higher pour point, and in combination therewith a small proportion, sufficient to substantially reduce the pour point, of a resinous condensation product comprising the reaction product of oxyaromatic hydrocarbon material selected from the group of compounds consisting of hydroxy aromatic compounds and aromatic ethers, condensed with halogenated aliphatic hydrocarbon material of relatively high molecular weight in the presence of a catalyst, and subsequently condensed with a resinifying agent capable of resinifying the oxyaromatic material.

2,062,677
COMPOSITIONS OF MATTER AND PETROLEUM PRODUCTS AND METHOD OF MAKING SAME
Orland M. Reiff, Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application June 8, 1935, Serial No. 25,641
11 Claims. (Cl. 87—9)

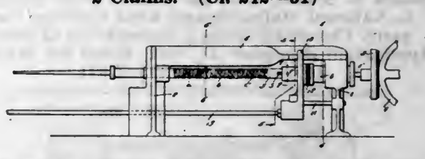
1. As a new composition of matter a hydrocarbon oil composition of low pour point comprising a hydrocarbon oil of normally high pour point and in combination therewith a small amount, sufficient to depress the pour point thereof, of the oil-miscible synthetic resinous material produced by first treating a substance selected from the group consisting of naphthalene, anthracene, diphenyl, phenanthrene and fluorene with a resinifying reagent of aldehyde nature to form a resin, and subsequently condensing the resin product with chlorinated paraffin wax in the presence of a catalyst of the nature of aluminum chloride.

2,062,678
AIRPLANE INSTRUCTION DEVICE
George Rockwell, Fanwood, N. J.
Application December 3, 1930, Serial No. 499,663
8 Claims. (Cl. 35—12)



1. In a device of the character described, a glider comprising a body having means for controlling said glider, means for universally mounting said glider on a support, a substantially vertical stabilizing web on said body, a source of wind external to said glider, whereby said web assists in holding the glider in the wind stream.

2,062,679
COP WINDING MACHINE
Gustave A. Scheller, Paterson, N. J.
Application February 7, 1935, Serial No. 5,471
Renewed May 5, 1936
2 Claims. (Cl. 242—31)

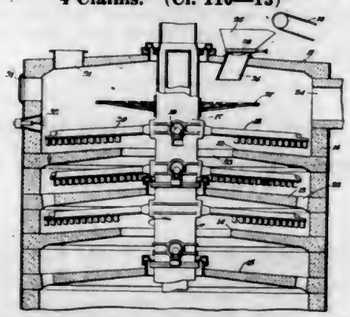


1. In a cop winding machine, a spindle driving shaft, a tubular shaft section bearings for said spindle shaft and said shaft section, a bar connecting said bearings, means connecting said spindle shaft and said tubular shaft section in driving engagement with one another, driving means associated with said tubular shaft section for rotating the spindle shaft, said spindle shaft being provided with a plurality of sections of variously pitched threads, and said bar being provided with a plurality of openings, and a pin adapted to be engaged in a selected one of the openings and having an end engageable with the threads of a selected section for causing reciprocatory movement of the shaft during rotative movement thereof.

2,062,680
4.6 - DIAMINO 2 - ALKYL PYRIDINES AND PROCESSES FOR PRODUCING THE SAME
Herman J. Schneiderwirth, Laurelton, N. Y.
No Drawing. Application March 3, 1936, Serial No. 66,798
9 Claims. (Cl. 260—42)

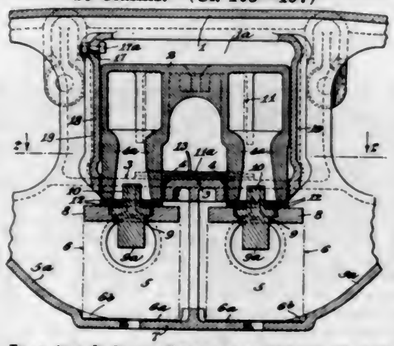
7. 4.6 diamino 2-alkyl pyridine.

2,062,681
APPARATUS FOR INCINERATING WASTE MATERIALS
Pauline Schroeder, San Francisco, Calif., assignor to Nichols Engineering & Research Corporation, New York, N. Y., a corporation of Delaware
Application March 18, 1936, Serial No. 69,477
4 Claims. (Cl. 110—13)



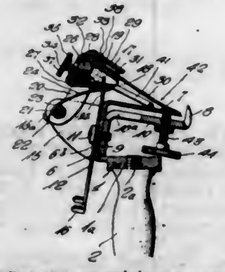
4. Apparatus for incinerating sewage screenings in conjunction with the incineration of sewage sludge or similar waste material, comprising a furnace structure, a hearth therein, means for introducing said waste material onto said hearth, means including a rotatable shaft extending vertically of said hearth and rabbling means thereon for rabbling said waste material over the surface of said hearth and from said hearth, in the presence of a stream of hot gases, a member for receiving sewage screenings encircling said shaft and mounted to rotate therewith in the presence of said heated gases, and means for admitting sewage screenings onto said member.

2,062,682
CAR TRUCK
James A. Shafer, East Cleveland, Ohio, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio, a corporation of Ohio
Application December 17, 1931, Serial No. 581,550
16 Claims. (Cl. 105—197)



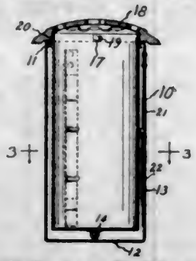
1. In a truck for railway cars, the combination of a side frame having a bolster opening, a bolster extending into said bolster opening and supported therein by springs, shim members interposed between certain of said springs and said bolster, and shim members interposed between others of said springs and said side frame, for the purpose of maintaining the proper bolster height said shim members being so constructed and arranged that they are positively retained in correct position by portions of said bolster and side frame.

2,062,683
SAFETY RAZOR
Charles A. Smith, Honesdale, Pa., assignor of one-half to Harry A. Frederick, Lake Ariel, Pa.
Application November 18, 1935, Serial No. 50,436
13 Claims. (Cl. 30—35)



1. A safety razor comprising a razor frame, a razor blade carrier pivotally mounted with respect to said razor frame, a yieldable bearing plate, a protective guard extending adjacent the edge of said yieldable bearing plate, a razor blade mounted in said razor blade carrier and having the cutting edge thereof supported on said yieldable bearing plate adjacent said protective guard, and means for adjusting the position of said yieldable bearing plate with respect to said protective guard for correspondingly adjusting the position of the cutting edge of the razor blade with respect to said protective guard.

2,062,684
VASE
Albert R. Thomas, San Antonio, Tex.
Application March 6, 1936, Serial No. 67,519
5 Claims. (Cl. 47—41)



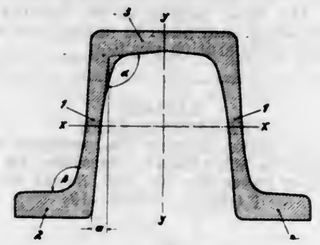
5. A vase including, a cylindrical casing, spring clips mounted in said casing and having stops, a cylindrical receptacle telescoping said casing and engaging the stops of the clips, whereby said receptacle may be held at various elevations, and a cap on the cup provided with perforations for receiving the stems of flowers.

2,062,685
FASTENING DEVICE
George A. Tinnerman, Rocky River, Ohio, assignor to Albert H. Tinnerman, Cleveland, Ohio
Application May 8, 1936, Serial No. 78,711
4 Claims. (Cl. 85—36)



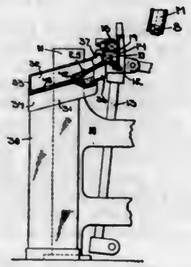
1. A fastener comprising a one piece sheet metal strip having two arms disposed in superimposed relationship and extending in the same general direction, one of the arms having an aperture for receiving a threaded member that operates to prevent rotation of the fastener, and the other having a thread engaging portion that is formed from the arm and extends out of the plane thereof.

2,062,686
ROLLED SECTION FOR FRAMING IN MINES AND SUPPORTING STRUCTURE FOR UTILIZING SAME
Heinrich Toussaint, Berlin-Lankwitz, Germany
Application January 19, 1933, Serial No. 652,523
In Germany January 22, 1932
5 Claims. (Cl. 61—45)



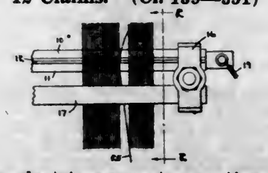
1. A rolled ferrous mine frame-member, comprising a symmetrical body portion, trough-like in cross-section, provided with laterally extending flanges, said flanges being equal in cross-sectional area and having a total cross-sectional area equal to that of the bridge-work area.

2,062,687
RECEIVER FOR SPENT SHUTTLES
Richard Greenleaf Turner, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application January 31, 1935, Serial No. 4,374
2 Claims. (Cl. 139—234)



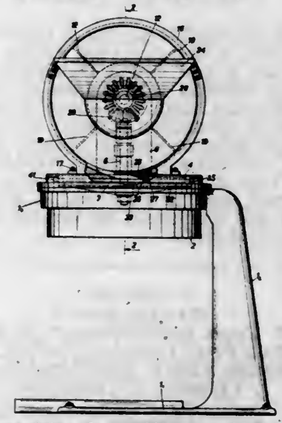
1. In a shuttle receiver for a shuttle changing loom operating with a lay having a shuttle box from which a depleted shuttle is ejected, a flexible shuttle guide secured to and moving with the lay and having that part thereof adjacent the shuttle box substantially horizontal, a depleted shuttle receiving compartment having a floor which is inclined downwardly and outwardly from the center of the loom, and a support for the flexible guide substantially parallel to the floor of said compartment and on which the guide rests, said guide when resting on the support having the forward part thereof substantially parallel to the floor and inclined downwardly and outwardly with respect to the center of the loom.

2,062,688
ELECTRIC WARP STOP MOTION
Richard Greenleaf Turner, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application July 5, 1935, Serial No. 29,769
12 Claims. (Cl. 139—351)



1. In an electric warp stop motion, a contact bar comprising two electrodes insulated from each other, and a drop wire capable of falling into contact with both electrodes upon occurrence of a warp fault and formed of two materials having different co-efficients of expansion to cause a deformation in the drop wire when current passes therethrough to indicate its location.

2,062,689
FRUIT DICING MACHINE
Brūno Weirauch, Brunswick, Germany, assignor to Herbort Kricheldorff & Brüser, Maschinenfabrik, Brunswick, Germany
Application July 29, 1935, Serial No. 33,792
In Germany June 4, 1934
9 Claims. (Cl. 146—78)



1. In a machine for cutting up bulbous vegetables and the like, means for cutting an article into relatively thin slabs in a series of successive operations, and means positioned to receive each such slab and cut it into narrows strips transversely of the slab, said means comprising a support, a circular series of knives arranged about said support, a cam of low pitch arranged to move said slabs slowly through said series of knives, and means arranged to cut said strips crosswise as they emerge from said series of knives.

2,062,690
TERMINAL CLIP
Herman Weynand, Hondo, Tex.
Application April 3, 1935, Serial No. 14,515
3 Claims. (Cl. 173—259)

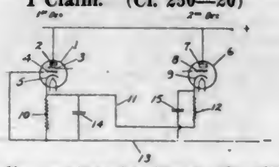
1. A terminal clip comprising a base portion, an outer flat gripping arm extending upwardly and

rearwardly from the forward end of the base portion, a groove formed transversely in the rear face of the outer gripping arm intermediate the ends thereof, an inner flat gripping arm confronting the outer gripping arm, a spring loop



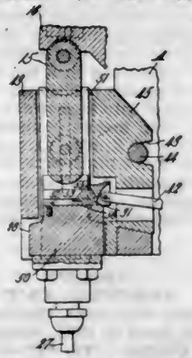
between the base and inner gripping arm for normally urging the inner gripping arm against the outer gripping arm, a knurled gripping surface on the forward face of the inner gripping arm and extending above and below said groove, and attaching means for said base portion.

2,062,691
AUTOMATIC OVERLOAD CONTROL IN RADIO SETS
Louis F. Willging, Cincinnati, Ohio, assignor to The Crosley Radio Corporation, Cincinnati, Ohio, a corporation of Ohio
Application December 22, 1930, Serial No. 503,888
1 Claim. (Cl. 250—20)



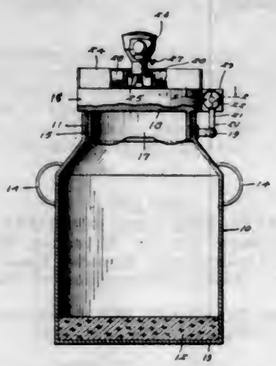
In a radio receiver having a plurality of detector tubes, a detector tube having an anode circuit, and a grid circuit including a cathode resistance whereby a grid bias is obtained, a second detector having an anode circuit including a direct connection between the cathode of said second detector and the cathode of said first detector, whereby said cathode resistance of said detector tube is located in said anode circuit for said second detector tube, and a resistance in series in said connection for varying the bias of said second detector.

2,062,692
POWER PRESS
Arthur T. Yates, West Seneca, N. Y., assignor to Buffalo Forge Company, Buffalo, N. Y.
Application April 6, 1935, Serial No. 15,058
1 Claim. (Cl. 164—106)



The combination of a reciprocatory tool carrying member, a power driven member movable through a working stroke and a return stroke independently of said tool carrying member, a block movable into a position between a portion of said tool carrying member and a portion of said power driven member for causing said power driven member to move said tool carrying member through its working stroke, a pawl arranged to move into operative engagement to form a connection between said members to move said tool carrying member through a return stroke, said pawl being moved into an inoperative position by the first portion of the working stroke of said power driven member when moving independently of said tool carrying member, a latch for holding said pawl in its inoperative position, and means adapted to be engaged by said latch when said tool carrying member moves through the final portion of its working stroke for disengaging said pawl to permit the same to move into its operative position.

2,062,693
FLOATING SAFE
Charles H. Balko, Boston, Pa., assignor of one-half to Mike Blaha, Versailles, Pa.
Application December 10, 1935, Serial No. 53,814
1 Claim. (Cl. 9—10)



A floating safe comprising a hollow body, buoyant means within the body in the lower portion thereof, a neck carried by the body provided with interior threads, a threaded cap engaging the neck, an outstanding arm fixed to the neck, a link pivoted at one end to said arm, a locking member carried by the opposite end of said arm, an outstanding keeper carried by said cap for engagement with said locking member to hold the cap against turning, a battery casing carried by the cap provided with a socket, a signal casing engageable in said socket and a light bulb in said signal casing.

2,062,694
BOBBIN RELEASE FOR WEFT REPLENISHING LOOMS
Carl P. Bergstrom, Millbury, and Albert Palmer, Worcester, Mass., assignors to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application December 24, 1934, Serial No. 758,878
10 Claims. (Cl. 139—232)

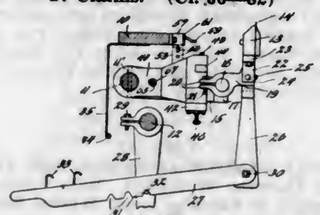
1. In a weft replenishing loom having a reserve bobbin to be held in transfer position, a moving part of the loom, a pair of bobbin supports one for the butt and one for the tip of the bobbin, each support movable independently of the other support, and an actuator moved by said

part into successive engagement with the supports to move the tip support to releasing position



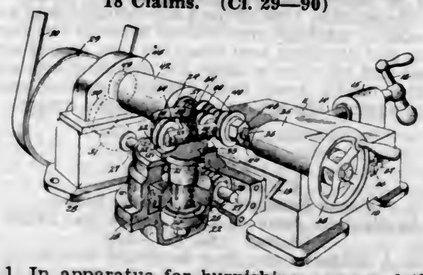
first and thereafter move the butt support to releasing position.

2,062,695
KNITTING MACHINE
John Vincent Bradley, Wharton, N. J.
Application May 24, 1935, Serial No. 23,291
17 Claims. (Cl. 66—82)



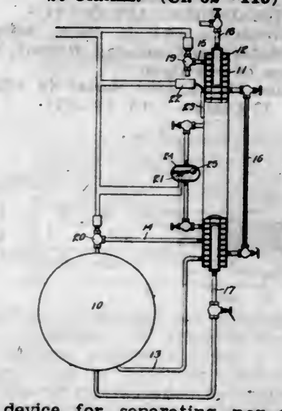
1. A full fashioned knitting machine comprising a rock shaft and a plurality of knitting units to be simultaneously operated by said rock shaft, each such unit including, a needle bar arm having one end rotatably mounted on said shaft and carrying a needle bar, a rocker arm fixed upon said rock shaft at a point adjacent the needle bar arm, and means for operatively connecting and disconnecting said needle bar arm and said rocker arm, said means including an adjustment device whereby the angular relationship of the arms may be varied, and said connecting means including members cooperative to insure reconnection of said arms in the same relationship that existed prior to their disconnection.

2,062,696
WORM GEAR BURNISHING MACHINE AND METHOD
Robert N. Brown, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application May 21, 1934, Serial No. 726,813
18 Claims. (Cl. 29—90)



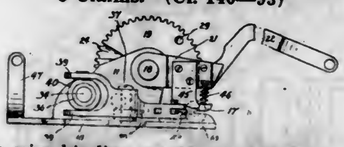
1. In apparatus for burnishing worms of the hour-glass type, the combination with a circumferentially ribbed roller, of means for supporting the roller and a worm to be burnished in meshing relation, means for rotating in timed relation the worm on the axis thereof and the roller on an axis substantially coinciding with the generating axis of the worm, and means for simultaneously applying pressure between the contacting surfaces of said worm and roller.

2,062,697
NONCONDENSABLE GAS SEPARATOR
Leon Buehler, Jr., Waynesboro, Pa., assignor to Frick Company, Waynesboro, Pa., a corporation of Pennsylvania
Application July 31, 1933, Serial No. 683,077
20 Claims. (Cl. 62—115)



1. A device for separating non-condensable gases from condensable gas comprising a tank, a separating vessel, the upper portion of which is above the liquid level in the tank, the lower portion of the vessel being connected to the tank at a point below said liquid level for the passage of liquid to and fro therebetween, means for cooling said separating vessel, a connection for introducing non-condensable gas, condensable gas, or a mixture of gases from said tank into the separating vessel, and means controlled by the liquid level in the separating vessel for removing gases which collect in the upper portion of the separating vessel, substantially as set forth.

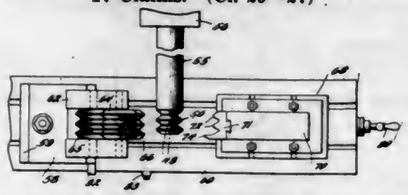
2,062,698
WIRE BINDING MACHINE
Charles Hoyes Chamberlain and Charles Parker Stannard, Nelson, New Zealand
Application March 13, 1936, Serial No. 68,764
In New Zealand April 5, 1935
5 Claims. (Cl. 140—93)



1. In wire binding machines of the class comprising a slotted pinion disposed between wire holding guides, and a gear wheel gearing with such pinion and adapted to be actuated by a hand lever when it is moved in one direction and to remain stationary when the hand lever is moved in a reverse direction, and also comprising tensioning arms pivoted one on each side of the said guides to move out and in, in relation thereto, and adapted also to be actuated by the said hand lever as it moves in both directions, means for so actuating the tensioning arms, consisting in

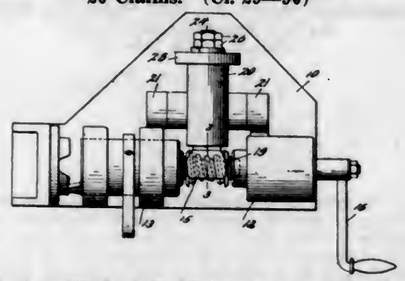
the combination with a second gear wheel adapted to be rotated in reverse directions by the movements of the hand lever, a countershaft geared with such gear wheel, a screw worm for each tensioning arm fixed upon such countershaft, and connections between each screw worm and its tensioning arm designed on the rotation of the worm in reverse directions to move the tensioning arm out and in, such screw worms being so relatively arranged as to cause the tensioning arms to be moved out and in together.

2,062,699
BURNISHING APPARATUS
John M. Christman, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application May 4, 1934, Serial No. 723,987
17 Claims. (Cl. 29—27)



1. In apparatus for burnishing circumferentially toothed elements, the combination with a support, of a circumferentially toothed master element rotatably mounted on said support, at least two master elements carried by said support for rotation about spaced axes parallel to the axis of said first named element and for lateral displacement with respect to said first named element, said master elements receiving therebetween a circumferentially toothed element to be burnished, means for imparting relative lateral displacement to said second named master elements and said first named master element to apply pressure in a generally radial direction to the element to be burnished, and means for rotating said elements.

2,062,700
WORM GEAR BURNISHING MACHINE AND METHOD
John M. Christman, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application November 6, 1935, Serial No. 48,587
20 Claims. (Cl. 29—90)



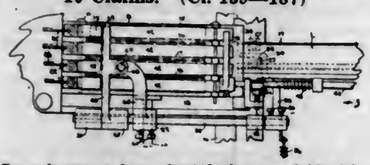
1. A method of making a worm of the hour glass type which comprises generating on a blank a thread having a helix angle varying axially of the worm, and thereafter burnishing the worm to deform the thread on either side of the central portion of the worm as measured axially to provide increased surface contact of the thread with a follower adapted for meshing with a thread of constant helix angle, while applying to the worm thread a burnishing pressure varying at points spaced axially of the worm.

2,062,701
CIGAR LIGHTER HEATING ELEMENT
Joseph H. Cohen, Bridgeport, Conn., assignor to Casco Products Corporation, Bridgeport, Conn., a corporation of Connecticut
Application August 17, 1935, Serial No. 36,683
5 Claims. (Cl. 219—32)



2. A heating unit for electric cigar lighters comprising a metal cup; a central current conducting pin having a slotted head; and a spiral heating element having a diametrically extending inner extremity fitting in the slotted head of said central current conducting pin, and an outer extremity offset to allow for insertion of a welding electrode and welded directly to the walls of the metal cup.

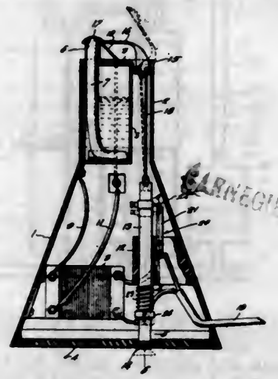
2,062,702
SHUTTLE BINDER CONTROL FOR LOOMS
Clifford Darwin, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application January 15, 1936, Serial No. 59,253
10 Claims. (Cl. 139—187)



1. In a loom, a lay, shuttle boxes shiftable with respect to the lay to render any box active, a shuttle binder for each shuttle box, a lay connector which rises and falls during loom operation, an arm operatively related to the connector to rise and fall therewith, a disabling arm mounted for free pivotal movement with respect to the lay to be operatively related to move positively with the binder of the shuttle box in active position toward and from shuttle checking position, a force arm normally out of force transmitting relation with the disabling arm and movable with the first named arm, resilient means tending to move the disabling arm and binder in active position toward the active shuttle box, and means to establish connections between the force arm and disabling arm when the first named arm rises and effective to move the disabling arm and active binder away from shuttle checking position against the action of the resilient means.

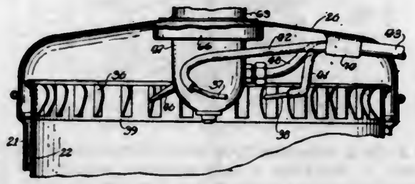
2,062,703
CIGAR LIGHTER
Oscar Fairless, Idaho Falls, Idaho
Application June 6, 1935, Serial No. 25,292
2 Claims. (Cl. 175—296)

2. A lighter of the class described comprising a casing having a flat bottom for resting on a support, and said bottom having a hole therein, a vertically arranged plunger slidably supported in the casing and having its lower end located in the hole, a spring for projecting the lower part of the plunger through the hole when the casing is lifted from a support, a tank containing liquid fuel in the upper part of the casing and provided with a neck passing through the top of the casing, a wick in the tank having its upper end passing through the neck, a curved arm having its lower end pivoted in the top of the casing, with its other end forming an extinguisher for engaging the upper end of the wick, when the arm is in lowered position, a link connected with the upper end of the plunger and with the lower end of the arm, outwardly of the pivotal point, whereby downward



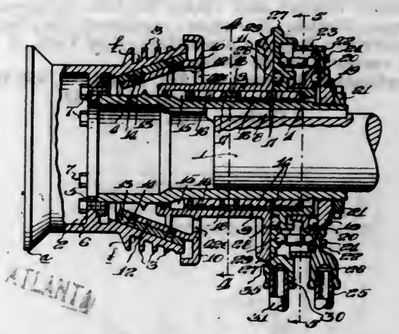
movement of the plunger will swing the arm away from the neck and upward movement of the plunger will swing the arm into engagement with the neck, an electrode passing through the top of the casing, with its extremity arranged adjacent the upper end of the neck, said casing being formed of non-conducting material, a circuit including the electrode and the tank, a switch in the circuit, and means for closing the switch upon downward movement of the plunger, the switch being opened when the plunger is in raised position.

2,062,704
DISHWASHING MACHINE
William B. Forsyth, Jr., Vanderbilt, Mich., assignor to Dorothy Edna Forsyth
Application February 20, 1934, Serial No. 712,192
4 Claims. (Cl. 141—9)



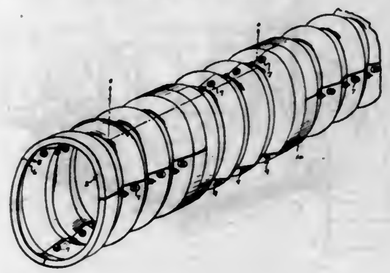
2. In a dish washing machine, an outer casing having a cover, an inner dish supporting frame rotatably mounted within the outer casing, a chamber carried on the under side of the cover of the outer casing and having a connection with a source of hot water under pressure, a plurality of outlets from said chamber, some of said outlets terminating in nozzles directed toward the periphery of the inner casing whereby to rotate the same under pressure of the water streams issuing therefrom, a chamber adapted to contain soap, a connection from the first chamber to the soap chamber, means in said soap containing chamber for delivering small quantities of soap into the water coming from the first chamber to the soap chamber, and an outlet from the soap chamber directed toward the dishes.

2,062,705
FRICTION CONTROL FOR PULL LINES
Walter W. Foster, Wichita Falls, Tex.
Application April 11, 1935, Serial No. 15,919
10 Claims. (Cl. 254—187)



9. A drum and friction control for pull lines including a normally rotating member and a normally stationary member capable of advancement to frictional engagement with said rotating member and carrying a pull line, a stationary flange and a movable flange adjacent said normally stationary member, a plurality of thrust pins having their ends movably connected to said flanges, means for holding said pins in normally inclined position, and means for collectively moving said pins to relatively parallel position to operatively move said movable flange and said normally stationary member.

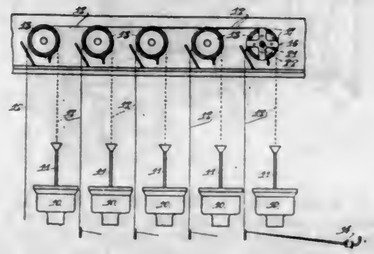
2,062,706
TUNNEL LINER
Jonathan R. Freeze and Arch W. Spaulding, Middletown, Ohio, assignors to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio
Application March 12, 1935, Serial No. 10,690
15 Claims. (Cl. 61—45)



1. A lining structure of the character described, comprising a series of assemblies of sections, each section being curved in one direction, the sections of each assembly being connected together in the direction of their curvature, the assemblies of sections succeeding each other at an angle to that direction, each section where it is connected to a succeeding section in the di-

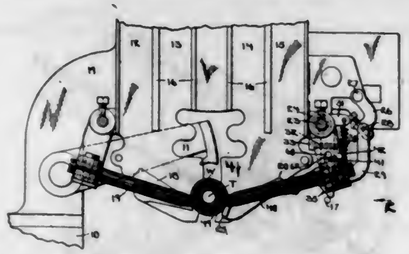
rection of curvature having an edge portion overlapping an edge portion of the adjacent section, and at least one of these sections having means against which the edge of the other section abuts to sustain the stress of inward compression of the lining structure, and fastening means along said overlapping portions.

2,062,707
POT SPINNING MECHANISM
Gunther Glatzel and Viktor Beplate, Sydowsaue, near Stettin, Germany, assignors to North American Rayon Corporation, New York, N. Y., a corporation of Delaware
Application January 9, 1933, Serial No. 650,796
In Germany January 11, 1932
8 Claims. (Cl. 18—8)



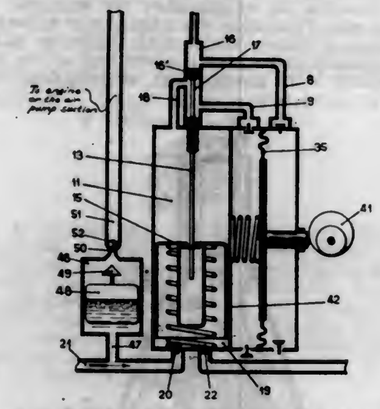
2. A take-up device adapted to be secured to a thread guide roller of a pot spinning machine, comprising a base plate provided with upstanding members adapted to fit over the outer surface of the thread guide roller, and means adapted to contact with the inner surface of the thread guide roller to hold the take-up device in position on said roller.

2,062,708
BOBBIN RELEASE FOR WEFT REPLENISHING LOOMS
Albert A. Gordon, 3d, Shrewsbury, and Harry M. Latham, Worcester, Mass., assignors to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application December 24, 1934, Serial No. 758,876
16 Claims. (Cl. 139—232)



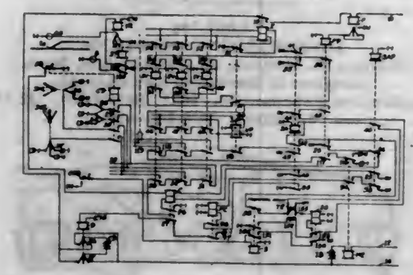
1. In a weft replenishing loom operating with reserve bobbins, support means to hold the butt and tip of a reserve bobbin in transfer position, a weft detector located under a bobbin in transfer position and means to operate the support means to cause the latter to release the tip prior to releasing the butt, thereby causing the tip to be lower than the butt when the released bobbin falls on the detector.

2,062,709
ELEVATOR FOR LIQUIDS FOR FEEDING FUEL TO AUTOMOBILE ENGINES
Louis Guichard, Paris, France
Application July 16, 1934, Serial No. 735,531
In France August 4, 1933
4 Claims. (Cl. 103—235)



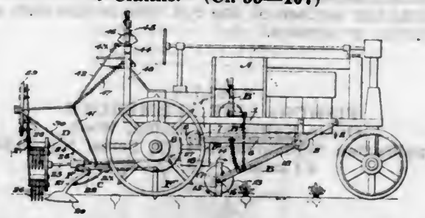
1. A mechanism for feeding liquid to an engine comprising means for creating an alternate partial vacuum and pressure, means for feeding liquid responsive to said first named means and a priming device for said feeding means controlled by the suction of said engine.

2,062,710
CENTRALIZED TRAFFIC CONTROLLING SYSTEM FOR RAILROADS
William D. Hailes, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.
Application June 29, 1932, Serial No. 619,951
27 Claims. (Cl. 177—353)



2. In a selective type control system, a control office, a plurality of field stations, a selective type communication system for connecting said control office and said field stations, said system being normally inactive, means at each field station for automatically initiating the system into active operation within a predetermined time subsequent to a change at the station for the transmission of indications from that station, cut-out means at each field station effective until manually restored to prevent the transmission of indications from that particular field station which initiates the system when more than a predetermined time is required for the initiation, and means in the control office for at times prolonging the time of initiation for more than said predetermined time.

2,062,711
BEET HARVESTER
Ole Hansen, Menan, Idaho
Application October 24, 1935, Serial No. 46,616
9 Claims. (Cl. 55—107)



4. In a beet harvester, a beet topping unit including an inflated top depressing drum, and rotatable power driven shearing means operating in conjunction therewith.

2,062,712
TREATMENT OF FORMED FILAMENTS
August Hartmann, Berlin-Lichterfelde, Germany, assignor to The American Bemberg Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application April 10, 1934, Serial No. 719,895. In Germany February 14, 1933
7 Claims. (Cl. 117—2)

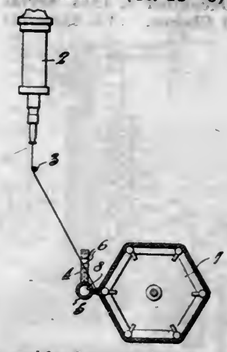
1. In the manufacture of yarn of artificial origin, the steps of wet-treating extruded yarn, centrifuging while wet, and twisting the undried yarn until a moisture content of from 17 to 20% results.

2,062,713
HANDLE FOR FIRE EXTINGUISHING APPARATUS
Valentine J. Hill, Jr., Bloomfield, N. J., assignor to Walter Kidde & Company, Inc., Bloomfield, N. J., a corporation of New York
Application October 27, 1934, Serial No. 750,297
2 Claims. (Cl. 169—31)



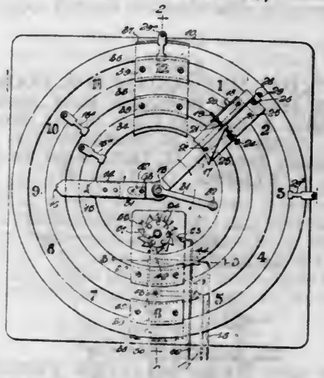
1. A carbon dioxide hose and snow producing shield assembly comprising a flexible hose provided with a coupling on at least one end thereof, a carbon dioxide snow producing shield provided with a coupling at its inlet end, a rigid conducting tube adapted to connect said hose and shield couplings to provide a continuous carbon dioxide conducting path, and a rubber hand grip comprising a relatively thick walled intermediate portion adapted to encompass said tube and flexible portions at each end thereof having a relatively thin walled section with respect to said intermediate portion adapted to encompass said couplings with a relatively snug fit and to be folded back to uncover said couplings to permit access thereto.

2,062,714
ACID GUIDE
Hugo Hofmann and Kurt Richter, Elizabethton, Tenn., assignors to The American Bemberg Corporation, New York, N. Y., a corporation of Delaware
Application April 22, 1933, Serial No. 667,461
10 Claims. (Cl. 18—8)



1. An acid guide for use in the manufacture of yarn of artificial origin comprising a feed pipe having spaced pipe members attached integrally thereto, and perpendicular to the axis of said feed pipe, said spaced pipe members being adapted to act as fingers through which the yarn is drawn, said pipe members having apertures on their inner side for the purpose of ejecting a treating solution inwardly toward the yarn.

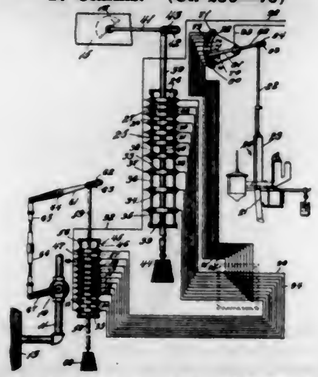
2,062,715
TIME SWITCH
Lloyd C. Hostetler, Honolulu, Territory of Hawaii
Application August 15, 1935, Serial No. 36,401
5 Claims. (Cl. 200—38)



1. A time switch comprising an hour-shaft, a minute-shaft, a second-shaft, a rotating hour-contact carried by said hour-shaft and a fixed hour-contact cooperable with said rotating hour-contact in partly completing a circuit when said hour-shaft has rotated to a predetermined extent; a rotating minute-contact carried by said minute-shaft and a fixed minute-contact co-

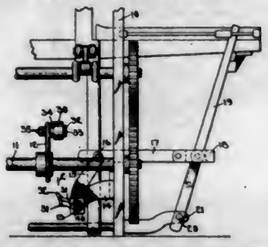
operable with said rotating minute-contact in further completing said circuit when said minute-shaft has rotated to a predetermined extent, a normally open switch carried by said minute-shaft for fully completing said circuit when closed, and means carried by said second-shaft for closing said switch when said second-shaft has rotated to a predetermined extent.

2,062,716
CONTROLLING MECHANISM
David D. Jackson, Providence, R. I., and Erving W. Tefft, South Attleboro, Mass.
Application December 4, 1933, Serial No. 700,818
10 Claims. (Cl. 236—76)



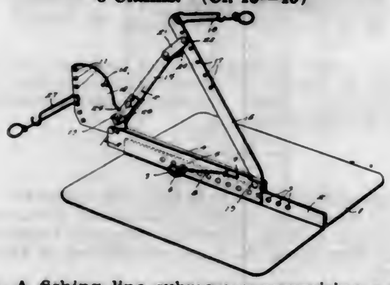
1. Control means for two differently movable cooperating factors to bring about a desired result, comprising means movable in response to conditions desired, movable means operating one factor effecting the conditions desired, movable means operating another factor effecting the conditions desired, separate electrical controls operable in different steps for each of said factor means, and means operated in a corresponding number of steps and operated by the first said movable means for simultaneously operating said electrical step controls, each of said steps being individually adjustable independently of the other steps for obtaining the desired factor ratio.

2,062,717
PICKING MECHANISM FOR LOOMS
Victor H. Jennings, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application January 15, 1936, Serial No. 59,248
5 Claims. (Cl. 139—147)



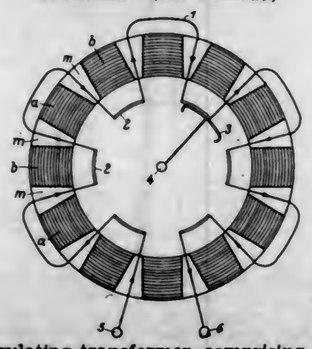
1. In a loom picking motion operative to give an accelerating motion to a shuttle, a rotating picking arm, a stud carried thereby, a roll rotatable on the stud, a picker shaft to be rocked extending transversely of the axis of the rotating arm, and a shoe on the picker shaft having a surface to engage the roll, the surface extending from the point of initial contact with the roll toward the picking arm to cause the point of contact between the roll and surface to travel along the surface of the roll toward the arm as picking progresses.

2,062,718
FISHING LINE SUBMERGER
Oscar Kallberg, Tacoma, Wash.
Application September 7, 1935, Serial No. 39,653
8 Claims. (Cl. 43—49)



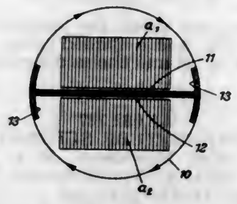
1. A fishing line submerger comprising a flat plate, a second plate disposed at right angles to the first plate adjacent one edge thereof and constituting a rudder therefor, said rudder being disposed upon a line passing through said first plate midway between two opposite edges thereof, means for attaching a hook to said rudder, a post oscillatably attached to the first plate upon said line, means for attaching a fishing line to said post, and means normally securing said post against movement and adapted to release the member for oscillation relative to the first plate upon the application of sudden strain to the fishing line.

2,062,719
REGULATING TRANSFORMER
Georg Leischner, Berlin-Schmockwitz, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands
Application July 9, 1935, Serial No. 30,569
In Germany July 24, 1934
17 Claims. (Cl. 171—119)



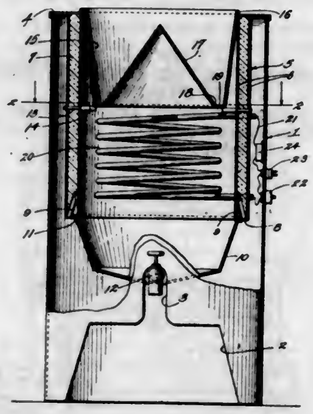
1. Regulating transformer, comprising an iron core, a regulator coil and a group of contacts, said iron core comprising a plurality of partial cores, said regulator coil being so connected with the contacts that when two adjacent contacts are short-circuited the short circuit encompasses only one partial core.

2,062,720
REGULATING TRANSFORMER
Georg Leischner, Berlin-Schmockwitz, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands
Application July 9, 1935, Serial No. 30,570
In Germany July 24, 1934
8 Claims. (Cl. 171—119)



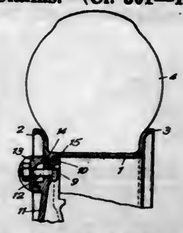
1. A regulating transformer, comprising an iron core, a regulating coil, a contact slide and contact pieces, the part, encompassed by the regulating coil, consisting of a plurality of partial cores, the contact slide being moveably disposed between the partial cores, the contact pieces on the contact slide being so arranged, that they establish contact with the inside of the regulating coil and that the short-circuit, produced by the contact of two points of the regulating coil, encompasses one partial core.

2,062,721
LIQUID HEATING DEVICE
Stephen A. Lerouge, Battle Ground, Wash.
Application February 11, 1936, Serial No. 63,425
5 Claims. (Cl. 219—38)



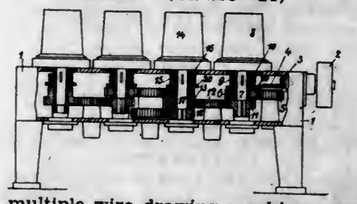
1. A liquid heater comprising a pair of spaced superposed open-top receptacles, a casing for the receptacles connecting and maintaining the same in said spaced relation, said upper receptacle having an annular series of liquid outlet openings in its bottom, and a helical heating coil disposed between the receptacles and concentric with the series of apertures, said coil being of the same diameter as the circle described by the series of apertures, and valve means for drawing off liquid from the lower receptacle.

2,062,722
DETACHABLE RIM
Jacob Willem Mijnssen, Schaffhouse, Switzerland, assignor to Aktiengesellschaft der Eisen- und Stahlwerke vormals Georg Fischer, Schaffhouse, Switzerland
Application April 22, 1935, Serial No. 17,734
In Switzerland May 24, 1934
2 Claims. (Cl. 301—18)



1. In a vehicle wheel, a wheel body, a detachable rim of an undivided cross-section, a seating face for resting against said wheel body laterally of the middle plane thereof provided on said rim, several segmental component parts comprised by said rim, a retaining flange on each side of said rim, and mating joining faces between each two adjacent rim segments relatively deflected to provide bearing contact between said mating joining faces only at a point on the side of said middle plane opposite to said seating face.

2,062,723
MULTIPLE WIRE DRAWING MACHINE
Walther Nacken, Gruna, Germany
Application December 9, 1935, Serial No. 53,647
In Germany November 14, 1934
5 Claims. (Cl. 205—14)

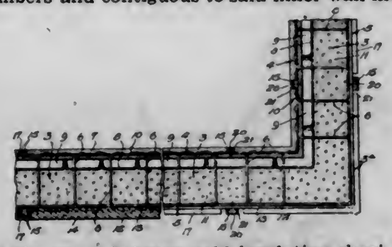


1. A multiple wire drawing machine comprising in combination, a series of drawing drums, corresponding series of shafts for said drawing drums including a gear on each shaft for transmitting power from shaft to shaft along the series and for rotating said shafts at speeds increasing from shaft to shaft from one end to the other of the series, drive means engaging the highest speed drum shaft, and clutches in said transmission means distributed one between each gear and the next drum shaft, said clutches being so arranged that disengagement of any one of them will interrupt the drive of all the drum shafts of the series beyond the disengaged clutch in the direction away from the drive means.

2,062,724
PERMANENT METALLIC FORM FOR CONCRETE BUILDING STRUCTURES
Alfred G. Olsen, Elkhorn, Wis.
Application February 20, 1935, Serial No. 7,450
12 Claims. (Cl. 72—50)

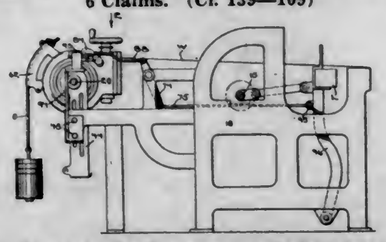
1. A permanent form for concrete building structures comprising spaced inner and outer sheet metal wall members open at the opposite side and end edges thereof, the outer of said wall

members being provided with outward projections to receive and anchor plastic or stucco, the inner of said wall members being composed of foraminous metal to anchor plaster thereon, a plurality of transversely disposed metallic reinforcing members or ties secured at their ends to the opposing surfaces of said wall members for rigidly securing the latter in spaced relation, and an insulating sheet arranged between said wall members and contiguous to said inner wall mem-



ber, the space between said insulating sheet and said outer wall member being adapted to receive poured concrete or aggregate surrounding and adhering to said tie members and to constitute with said form a permanent building unit, the open opposite side and end edge portions of said unit permitting free flow of concrete or aggregate therethrough to unite with concrete or aggregate in an adjacent form unit or a contiguous course of said units.

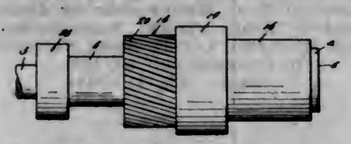
2,062,725
LET-OFF
Oscar V. Payne, Leicester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application May 8, 1934, Serial No. 724,527
6 Claims. (Cl. 139—109)



1. In a loom having a warp supply, a lay movable backwardly and forwardly therein, a let-off including a yielding element to control feeding of the warp supply, actuating means to cause relative movement of the element with respect to the warp supply, and means defining a toggle joint operatively connected to the lay to give said actuating means an operative movement each time the lay passes between its extreme forward and extreme backward position.

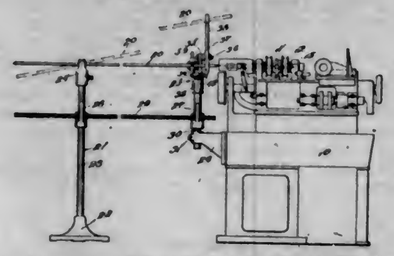
2,062,726
STARTER DRIVE
Raymond J. Quigley, Ann Arbor, Mich.
Application July 11, 1936, Serial No. 90,243
6 Claims. (Cl. 74—9)

1. A starter drive comprising a drive shaft, a barrel on the drive shaft and secured thereto, a pinion assembly consisting of a pinion and inner and outer annular walls projecting therefrom longitudinally of the barrel, a spline sleeve on the barrel, spiral grooves on the inner side of the outer wall, spline teeth on one end of the sleeve engageable with the said spiral groove on the outer wall, cushioning means between the



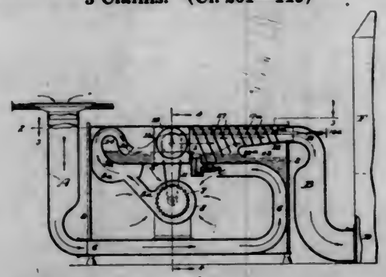
walls and against which the toothed end of the sleeve impinges, and a splined spiral connection between the barrel and the said sleeve.

2,062,727
STOCK TUBE SUPPORT
Charles A. Rich, Providence, R. I., assignor to Brown & Sharpe Manufacturing Company, a corporation of Rhode Island
Application December 20, 1935, Serial No. 55,451
14 Claims. (Cl. 29—58)



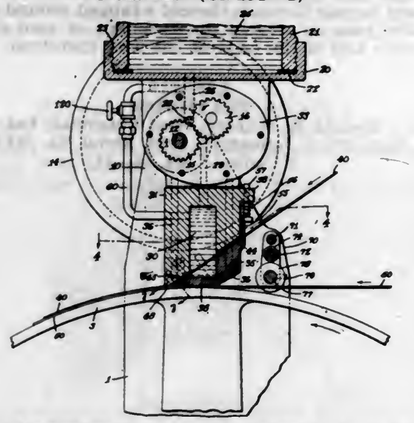
1. A support for a bar stock guide tube comprising a firmly supported member to engage one side of the tube, a member to engage the other side of the tube, and resilient means urging the second member toward the first member to securely hold the guide tube between the members.

2,062,728
APPARATUS FOR COOLING AND CONDITIONING AIR
Raney J. Roberts, Detroit, Mich.
Application March 22, 1935, Serial No. 12,413
3 Claims. (Cl. 261—119)



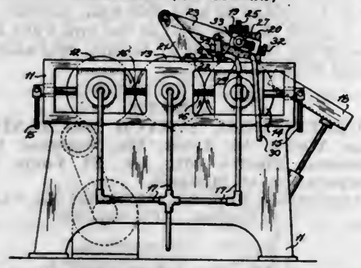
1. In an apparatus for conditioning air, a compartment containing water; a passage for air having an orifice adapted to deliver air against the surface of the water, the wall of said passage being so shaped as to form an enclosed chamber with an open mouth below the surface of the water in said compartment; a second chamber in spaced relation to the first named chamber having an open mouth below the surface of said water; and means for impelling the water located between said chambers.

2,062,729
MACHINE FOR MAKING PIPING, WELTING, FINISHING STRIPS OR THE LIKE
A. Waldo Rockwood, Winchester, Mass.
Application May 14, 1935, Serial No. 21,419
3 Claims. (Cl. 154—1)



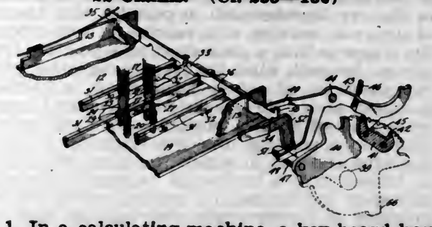
1. Apparatus of the kind described adapted to simultaneously feed material to be ornamented and the ornamentation therefor and apply the ornamentation thereto, comprising a movable work-wheel, a fixed die containing adhesive solution under pressure, and means to guide the ornamenting material through said die and means to apply the same to the material to be ornamented, in combination with adjustable guiding means to effect alignment between the material being ornamented and the ornamentation applied thereto.

2,062,730
AUXILIARY GRINDER FOR MILLS
George Schilling, Cleveland, Ohio
Application April 28, 1936, Serial No. 76,799
1 Claim. (Cl. 83—22)



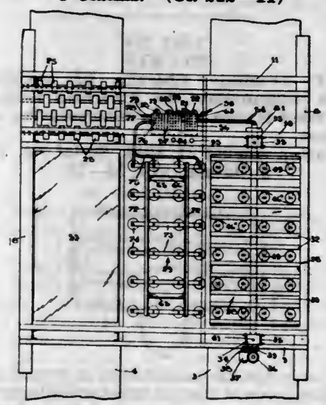
In a mill of the class described, an auxiliary grinder, comprising in combination, a supporting frame, a rectilinear grinding block having a longitudinal concave grinding surface the nip of which is flared, the said block having a shaft extending therethrough and projecting outwardly from its sides parallel to the concave grinding surface, water pipes for cooling the said block imbedded therein, posts mounted on the top of the said block for retaining weights thereon, brackets mounted on the said frame, arms attached to the ends of the said shaft and pivotally connected to the said brackets, holders pivoted to the said arm for supporting the said block in a raised position, and handles attached to the said block for raising the same.

2,062,731
CALCULATING MACHINE
Charles Schroder, Hartford, Conn., assignor to Allen-Wales Adding Machine Corporation, New York, N. Y., a corporation
Application March 30, 1932, Serial No. 601,965
22 Claims. (Cl. 235—130)



1. In a calculating machine, a key board having a plurality of depressible keys to determine the numbers to be run in, releasable latching means for said keys, a main operating member which is operable whenever a number set up on the key board is to be run in, a spacing operation performed, or a total or sub-total taken, said member having an abutment movable in a prescribed path therewith, an interlocking element shiftable by said member, as said member approximately completes its return movement, into the path of said abutment, latching mechanism for holding said interlocking element normally in the path of said abutment, and means controlled by said key board, but held free of said keys by said member while said member is in its normal inactive position at the end of a return movement, and operable during an initial forward increment of movement of said member for operating said latching mechanism to release said interlocking element if all of the keys are fully depressed or undepressed, and ineffective in removing said element if any key is only partially depressed, whereby said member may not be given a full movement when any key is only partially depressed.

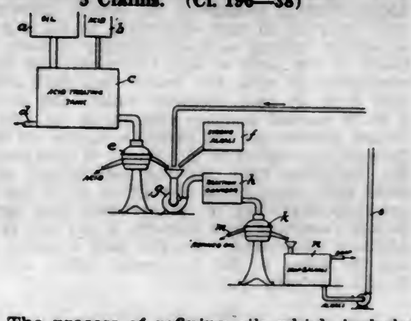
2,062,732
PLATE GLASS TURNOVER AND TRANSFER APPARATUS
R. D. Russell Scull, Crystal City, Mo., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa., a corporation of Pennsylvania
Application January 30, 1936, Serial No. 61,514
3 Claims. (Cl. 212—11)



1. In glass sheet turnover and transfer apparatus for a grinding and polishing system com-

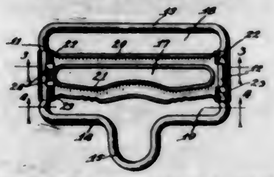
prising a pair of parallel work tracks carrying cars on which the glass sheets are ground and polished, a vacuum frame mounted for vertical movement above one track and adapted to swing about a horizontal axis which is parallel with and directly over the center line of the track through an angle of 180 degrees so that it may present either face to the car therebeneath in parallel with the top of such car, vacuum cups carried on both sides of the frame so that a glass sheet may be lifted from the car beneath when the frame is in either of its two positions of rotary adjustment, a carriage mounted above the tracks for movement transverse thereof from a position over said vacuum frame to a position over the track on which is mounted the car to which the glass sheet is to be transferred, a horizontal vacuum frame supported on the carriage for vertical movement and provided on its lower side with vacuum cups and means for moving both vacuum frames vertically.

2,062,733
PROCESS FOR REFINING MINERAL OILS
George J. Strexynski, Poughkeepsie, N. Y., assignor to The De Laval Separator Company, New York, N. Y., a corporation of New Jersey
Application December 23, 1933, Serial No. 703,768
5 Claims. (Cl. 196—38)



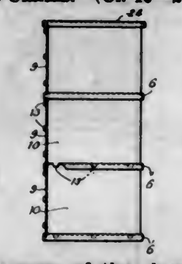
1. The process of refining oils which includes treating the oil with a mineral acid, adapted to form a separable sludge, treating the acid-treated oil with a reagent comprising caustic soda having a density not less than 20 Bé. sodium metasilicate and a relatively small percentage of triethanolamine, and separating the thus treated oil from the reagent and reaction products.

2,062,734
BUCKLE
Harry P. Troendly, Chicago, Ill., assignor, by mesne assignments, to American Buckle Co., Inc., West Haven, Conn., a corporation of Connecticut
Application August 27, 1934, Serial No. 741,589
5 Claims. (Cl. 24—73)



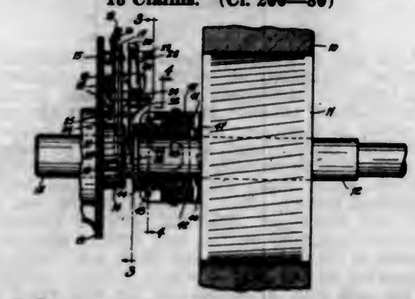
1. A slide buckle comprising a frame formed of a single piece of wire of substantially rectangular shape having side bars and cross bars connecting said side bars with the ends of the wire meeting to form one of said side bars, one of said cross bars having a button engaging loop opening into the interior of the frame and a cross piece extending between said side bars dividing said frame into upper, lower, and intermediate slots, said cross piece being formed of sheet metal and having the ends thereof wrapped around said side bars to prevent displacement of said cross piece and of the ends of the wire therefrom.

2,062,735
PLAYROOM
Donald M. Warren, West Lafayette, Ind.
Application January 2, 1934, Serial No. 704,830
2 Claims. (Cl. 46—21)



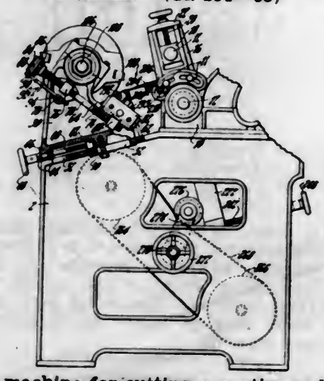
1. In a play room of the class described, the combination of a box section including depending peripheral flanges, a side wall extending upwardly from said box section adjacent one edge thereof and end walls extending upwardly from said box section and transversely of said side wall, and detachable tongue and opening connections between said side and end walls and between said walls and the box section, the box section and the side wall having openings and the end walls each having tongues depending from their lower edges for engaging the openings in the box section and each end wall also having tongues extending rearwardly therefrom to engage the openings in said side wall, whereby the parts are held together in assembled relation, the end walls being disposed in inwardly and rearwardly inclined relation towards each other so that the tongues on the rear edges thereof are in oppositely inclined relation to the plane of said side wall, thereby, in effect, locking the side wall to the end walls against detachment therefrom by normal rearward force on said back wall.

2,062,736
CENTRIFUGAL SWITCH MECHANISM
Victor Weber, St. Louis, Mo., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo., a corporation of Missouri
Application June 6, 1935, Serial No. 25,268
16 Claims. (Cl. 200—80)



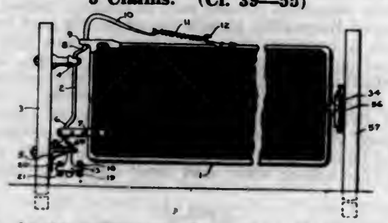
3. In a switch mechanism of the kind described, a base, a pair of levers pivoted thereto and both movable thereon, a contact on each lever, said contacts being adapted to be brought into registry, said contact arms of said levers being of different lengths, whereby when said levers are pivoted said contacts are brushed one across the other, and said contacts having flat faces adapted to register coplanarly at the instant preceding the complete separation of the contacts.

2,062,737
PAPER CUTTING APPARATUS
Walter S. Aiken, Lee, Mass., assignor to The Clark-Aiken Company, Lee, Mass., a corporation of Massachusetts
Application November 27, 1935, Serial No. 51,877
3 Claims. (Cl. 164—68)



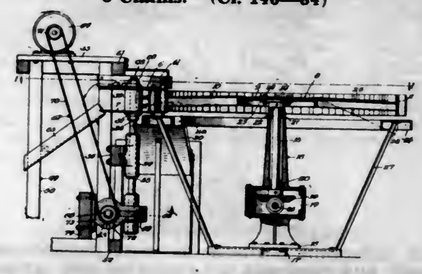
3. A machine for cutting a continuously moving web transversely into successive sheets comprising in combination, a pair of co-operating rolls for feeding a web forwardly from the bite thereof in a flat plane, cutting mechanism having relatively movable members provided with co-operating cutting members for cutting a web along a cutting line, means for moving said cutting mechanism in parallelism with said flat plane into various positions of adjustment whereby the cutting line may be positioned at various angles relative to a line at right angles to the marginal edges of a web fed from the bite of said rolls, and supporting means for a web between said rolls and cutting members having relatively movable members movable as said cutting mechanism is moved.

2,062,738
AUTOMATIC FARM GATE
Edward A. Bigler, Auburn, Ill.
Application May 12, 1934, Serial No. 725,309
3 Claims. (Cl. 39—55)



3. As an automatic farm gate the combination for opening the gate in one direction and comprising a gate body, an upright crank axis having oppositely disposed crank portions adjacent opposite ends and an upright support member for the support of the gate, hinge members on said gate at the top and bottom and respectively engaging said crank members of said upright axis and hinge brackets on said upright support pivotally supporting said axis; said crank axis provided with a bottom crank arm having extensions in opposite directions from said axis with said gate and operatively secured slidably and respectively to crank pins on opposite ends of said base crank member of the crank axis, a spring secured to said actuating means for retracting said actuating means to normal position immediately after the gate is started on its swinging movement to opened or closed position, automatic latch for holding said gate in opened or in closed position until moved by said actuating means.

2,062,739
CORN CUTTING APPARATUS
Miron S. Canaday, Rochester, Minn., assignor to Reid, Murdoch & Co., Chicago, Ill., a corporation of Illinois
Application October 18, 1935, Serial No. 45,535
3 Claims. (Cl. 146—84)

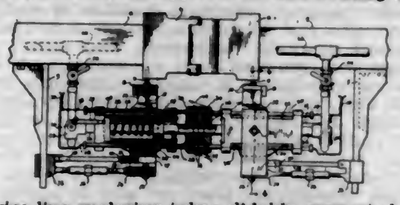


1. In a corn cutting apparatus of the character described, the combination of a rotary horizontal extending carrier comprising a hub, a plurality of arms extending radially from the hub, a ring surrounding and fixed to the ends of the arms, and an annular series; of vertically extending, open-ended tubes extending around and fixed to the ring and adapted to receive ears of corn and hold them loosely in an upstanding position; a supporting ring arranged concentrically with respect to, and spaced a small distance beneath, the tubes and adapted to hold the ears of corn from dropping through the tubes; a pair of knives disposed one slightly above the upper ends of the tubes and the other over the supporting member and slightly beneath the lower ends of the tubes; and means for rotating the carrier so as to cause the knives respectively to sever the upper and lower ends of the ears and thus make the ears equal in length.

2,062,740
COUPLING
Octave Sans Cartier, Ansonville, Ontario, Canada
Application March 18, 1935, Serial No. 11,547
7 Claims. (Cl. 213—76)

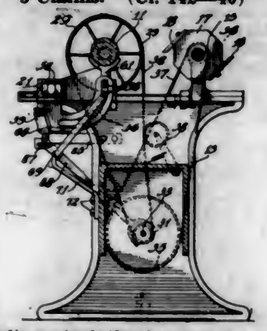
1. A coupling for automatically connecting service lines comprising in combination with a draw bar, a frame suspended therefrom and adjustable vertically, laterally and longitudinally with respect thereto, a housing carried by said frame and afforded a universal movement in conjunction therewith, resilient means for normally aligning said housing with the drawbar and a connecting head compressible toward said housing, adapted to align with, engage and lock

on a companion head, said connecting head having a stem slidably supported in said housing and



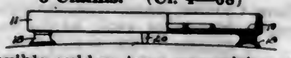
service line enclosing tubes slidably supported by said housing exteriorly thereof.

2,062,741
LATHE
Joseph Czerniak, Muskegon Heights, Mich.
Application November 20, 1933, Serial No. 698,785
5 Claims. (Cl. 142—40)



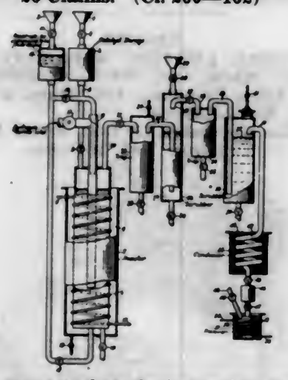
1. A bowling pin lathe having a movable carriage, and head and tail stocks on said carriage providing live and dead centers for receiving a bowling pin blank, in combination with supporting means for supporting a bowling pin blank, link means connecting said supporting means to a stationary lathe member, movable guide means guidingly engaging said link means for moving said supporting means between a work supporting position and an idle position to position the bowling pin blank for chucking between said live and dead centers when said supporting means is in its work supporting position and for permitting the operation of the lathe without interference from said supporting means when it is in its said idle position, and means connecting said movable guide means to said movable carriage for operating said work supporting means automatically upon the operation of said movable carriage.

2,062,742
TANK TOP TRAY
Stanley R. Davis, Detroit, Mich.
Application February 28, 1936, Serial No. 66,210
8 Claims. (Cl. 4—68)



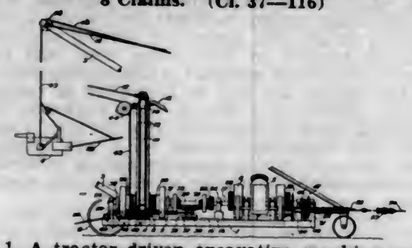
1. A flexible rubber tray comprising a base, a perimetrical rim flange upstanding from the same and means for securing the tray in position comprising flat holding members adapted to be secured to the tray and projecting downwardly therefrom to form a substantially parallel downward continuation of the rim flange adapted to extend between the edge of a supporting surface and a wall abutting but slightly spaced from such surface.

2,062,743
PRODUCTION OF FLUORINE-CONTAINING CARBON COMPOUNDS
Herbert Wilkens Daudt and Mortimer Alexander Youker, Wilmington, Del., assignors to Kinetic Chemicals, Inc., Wilmington, Del., a corporation of Delaware
Application June 12, 1935, Serial No. 26,280
26 Claims. (Cl. 260—162)



1. In a process of producing carbon compounds containing fluorine, the step which comprises reacting together hydrogen fluoride and a compound containing at least one acyclic carbon atom having attached thereto at least one hydrogen atom and at least one halogen atom other than fluorine.

2,062,744
EXCAVATING MACHINE
Robert Andrew Denovan, Asbestos, Quebec, Canada
Application December 26, 1935, Serial No. 56,257
8 Claims. (Cl. 37—116)

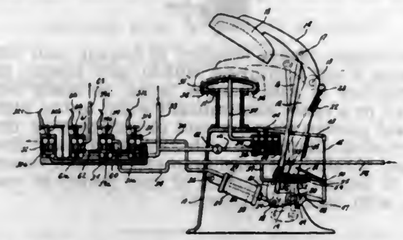


1. A tractor-driven excavating machine comprising a supporting deck therefor, a boom carried by but offset with respect to the deck, a bucket connected to the boom, loading and hoisting means for the bucket including a pair of coaxially mounted drums and actuating cables associated therewith, means for swinging said boom about a vertical axis including a drum and an actuating cable associated therewith, said last-mentioned drum having an axis at right angles to the axis of said first-mentioned drums, a common driving shaft adapted to impart rotation to each of said drums and a second shaft adapted to be driven by the tractor and having a driving connection with said first mentioned shaft.

2,062,745
PRESS ACTUATING MECHANISM
Harry Donald Forse, Anderson, Ind.
Application January 16, 1935, Serial No. 2,058
3 Claims. (Cl. 38—25)

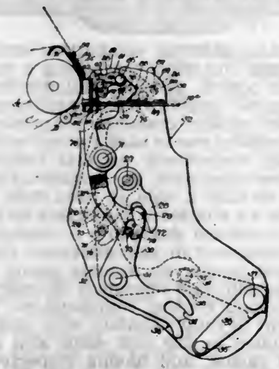
1. In a pressing machine, a pair of coacting

pressing members each of which is movable toward and from the other, means for moving one of said members to coacting position adjacent the other member and for holding it there, said means including motion transmitting mechanism, fluid actuated means for moving the other of said members into final pressure engagement with the coacting member, conduit means communicating with a fluid supply and with said fluid actuated means, inlet and outlet valves in said conduit means and biased toward fluid exhaust position,



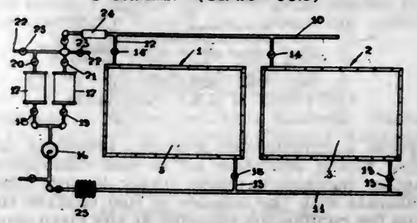
an actuator for moving said valves to fluid supply position, means for moving said actuator by movement of said mechanism to place said first-named pressing member in coacting position and including a collapsible strut, means normally maintaining said strut in extended position, means for collapsing said strut to move said actuator and valves to fluid exhaust position, and means for returning said first-named pressing member to open position when said fluid actuated means is released.

2,062,746
AUXILIARY PRINTING MECHANISM
Max Garbell, Chicago, Ill., assignor to Victor Adding Machine Company, Chicago, Ill., a corporation of Delaware
Application April 13, 1934, Serial No. 720,397
19 Claims. (Cl. 101—93)



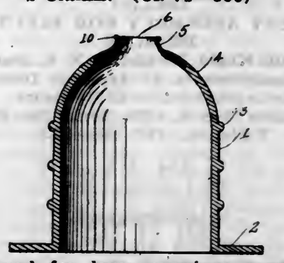
1. An auxiliary printing unit in combination with a platen or backing member adapted to receive the impact thereof, a base supporting the unit, of printing elements carried on the unit, actuating means engaging said unit for movement therewith in one direction of its travel and to then disengage the same, means exerting an increased pressure to said traveling movement of the unit whereby said unit will be carried in the reverse direction for an impact against the platen or backing member when said actuating means are released from engagement therewith and means on the unit yieldingly engaging the base forming means for normally retaining the unit at retracted position, said last mentioned means being free of the base while said unit is moved by the actuating means.

2,062,747
DOUBLE GLAZED WINDOW
Frederick Geistharp, Tarentum, Pa., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa., a corporation of Pennsylvania
Application October 5, 1935, Serial No. 43,729
3 Claims. (Cl. 20—56.5)



1. In combination with a wall structure comprising a plurality of windows each consisting of a pair of glass sheets spaced apart and provided with sealing means between their margins, a piping system in the wall structure connected with the spaces between the pairs of glass sheets, means for causing a circulation through the piping system and said spaces, dehydrating means located in the line of flow through said system and a readily expansible container connected to the piping system.

2,062,748
GUARD FOR LEVER OPENINGS
Harry Golden, New York, N. Y., assignor to Magna Products Corp., a corporation of New York
Application July 6, 1936, Serial No. 89,221
2 Claims. (Cl. 74—566)

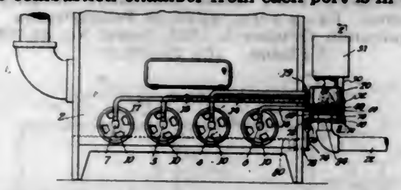


1. A guard for lever openings comprising a main body having a plurality of circumferential spaced ribs and a right angled flange at the base thereof, said main body being formed of an elastic material and having an opening in the upper part thereof, the material surrounding the opening being thinner than the main body and having greater elasticity; and a bead surrounding said opening.

2,062,749
BURNER CONTROL APPARATUS
William G. Hartwig, Chicago, Ill., assignor to Railway Utility Company, Chicago, Ill., a corporation of Illinois
Application July 3, 1933, Serial No. 678,738
1 Claim. (Cl. 158—119)

In combination with a combustion chamber, a plurality of independent outlet ports adapted to supply fuel to said combustion chamber, valve

means controlling said ports and adjustable to different positions whereby said ports are opened sequentially, increasing numbers of said ports being thereby caused to deliver an aggregate of fuel to said combustion chamber, individual primary air supply means adapted to be separately set to add air to the fuel charges escaping from the respective outlet ports whereby fuel reaching the combustion chamber from each port is in the



form of a combustible mixture, secondary air supply means admitting air to said combustion chamber, movable to render its air delivery commensurate with the number of fuel charges entering the combustion chamber at any given time, and means controlling both the valve means and the secondary air supply jointly and insuring an opening of the secondary air supply appropriately to the aggregate of fuel charge delivered.

2,062,750
VINYL ACETAL RESIN EXTRUSION MIX AND METHOD OF MAKING THE SAME

Elmer H. Haux, Tarentum, Pa., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa., a corporation of Pennsylvania

No Drawing. Application January 22, 1936 Serial No. 60,265
12 Claims. (Cl. 106—22)

4. An extrusion mix comprising a dough-like, non-tacky mass consisting of a plasticized vinyl acetal resin, a solvent of the resin made up in part of methyl alcohol and in part of butanol and water.

2,062,751
ELEMENT ASSEMBLY FOR ELECTRON DEVICES

Walter Louis Krahl, Montclair, N. J., assignor, by mesne assignments, to Arcturus Development Company, a corporation of Delaware

Application May 6, 1930, Serial No. 450,075
7 Claims. (Cl. 250—27.5)



1. In an electron device a pair of spaced plates, supports for one of said plates, three metal straps secured to said supported plate, a pair of spaced hooks resiliently mounted upon said other plate, and an M-shaped filament supported between said plates and having the two upper loops of the M supported upon the two resiliently mounted hooks and the extreme lower ends of the M and the center loop thereof each being bound to said supported plate and plate supports by one of said straps.

2,062,752
ELECTRIC CONDUIT

Frank Kindberg, Detroit, Mich.

Application September 5, 1935, Serial No. 39,297
1 Claim. (Cl. 247—3)

An apparatus of the character described comprising a body of flexible insulating material having a base portion, a central portion integral therewith, a pair of side members also integral therewith arranged in spaced relation to said central portion and terminating in opposed flanges projecting beyond and overhanging said central portion, a pair of conductors embedded in said body and projecting into the spaces between said central portion and said side members, and an attachment plug having a pair of

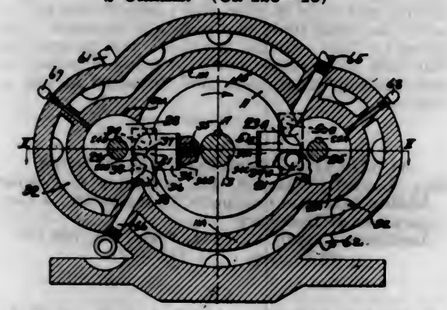


longitudinal prongs adapted to engage said conductors when positioned within said spaces, the extremities of said flanges being normally separated by a space substantially equal to the width of said prongs whereby said prongs may be first inserted in alignment with said spaces and then turned through 90 degrees to expand said flanges and to permit the placing of said prongs in contact with said conductors.

2,062,753
ROTARY GASOLINE ENGINE

Albert W. Linn, Memphis, Tenn.

Application November 9, 1934, Serial No. 752,298
2 Claims. (Cl. 123—13)

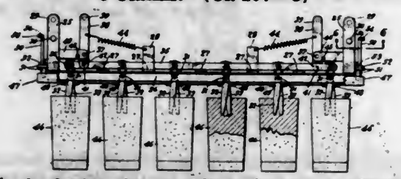


1. In a rotary internal combustion engine, an annular casing, end walls completing a cylindrical enclosure and a division wall dividing said enclosure into two cylindrical compartments, concentric rotors of less diameter than said compartments disposed one in each thereof and forming therewith respectively annular compression and expansion chambers, an annular cylindrical casing intersecting a side of said first casing and enclosing an abutment chamber which intersects said cylindrical enclosure, a closely fitting cylindrical abutment in said abutment chamber, said abutment having an arcuate piston receiving recess therein, said abutment chamber being spaced from said central compartment to hold said abutment in rotary contact with said rotors, shafts journaled in the end walls and division wall of said casing, and having respectively secured thereon said rotors and said abutments, and gearing compelling synchronous movement of said rotors and said abutments; each of said rotors having a piston projecting therefrom adapted to establish sliding contact with the peripheral wall of the said compartment and to engage and fill said abutment recess; said division wall having a firing chamber therein, a passageway leading thereinto from said compression chamber adjacent one side of said abutment, said passageway having a check valve therein preventing return flow to said compression chamber; and a passageway leading from said firing chamber to said expansion chamber, said latter passageway being normally closed by said abutment and by said piston therein, the rear portion of said piston in said expansion chamber being cut away to form with the abutment recess complementary thereto, an opening adapted to uncover said latter passageway at a predetermined interval, charge firing means in said firing chamber, inlet means to said compression chamber, and an exhaust passageway from said expansion chamber.

2,062,754
DEVICE FOR MOLDING FROZEN CONFECTIONS

Ludwig Loewenstein, Chicago, Ill.

Application July 31, 1934, Serial No. 737,815
6 Claims. (Cl. 107—8)

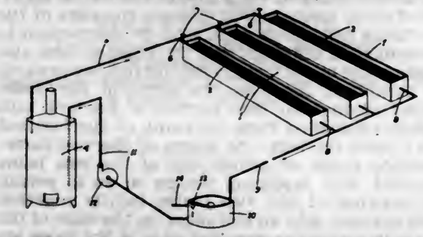


1. A device for molding frozen confections, including a mold having a plurality of separate mold cavities, a portable carrier supported above said mold cavities, a plurality of pairs of pins mounted on said carrier, each of said pairs of pins extending from said carrier into each of the separate mold cavities to have the confections congeal thereon, and means for imparting relative movement to each of the pairs of pins to release the frozen confections for discharge, said pins remaining in said confections until discharge.

2,062,755
SYSTEM OF WATER CULTURE

Frank F. Lyons, Lodi, and Ernest Brundin, Montebello, Calif.

Application March 4, 1936, Serial No. 67,024
9 Claims. (Cl. 47—16)



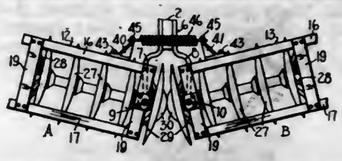
8. That method of water culture of plants in a plurality of separate troughs comprising the steps of circulating water containing certain mineral elements through the water culture troughs, heating the water at a central point and testing the water at a central point for mineral content.

2,062,756
DISK HARROW

Herbert B. McKahin, Moline, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois

Application December 20, 1934, Serial No. 758,352
14 Claims. (Cl. 55—81)

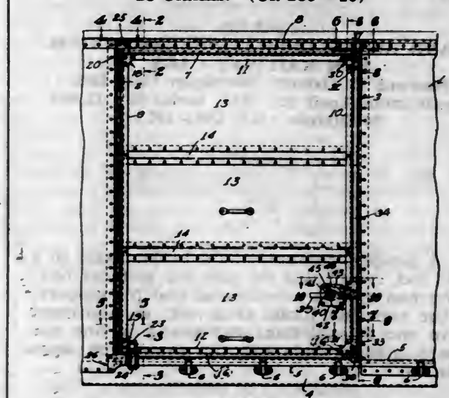
1. A disk harrow comprising a pair of disk gangs, means including bumper plates carried, respectively, by said gangs for movably connecting the latter together for movement into and out of operating position, and means spaced generally longitudinally of the harrow from said bumper plates and arranged to act against one gang and to react against the other gang biasing them for movement toward their operating position.



2,062,757
RAILWAY CAR STRUCTURE

Ambrose C. Moore and Axel Wasberg, Chicago, Ill., assignors to Chicago Railway Equipment Company, Chicago, Ill., a corporation of Illinois

Application October 30, 1933, Serial No. 695,858
18 Claims. (Cl. 189—46)



1. In a door post for a sliding door, an angular section portion extending substantially the length of the post, one leg of said portion facing the dorway and the other leg thereof extending towards the doorway and having an outturned flange with its edge forming a door abutment, a horizontally inclined element at one end of the post for guiding the edge of the door transversely of the post against said abutment, and a strip projecting from said first-mentioned leg and extending therefrom towards the doorway and approximately alined with said inclined element, said strip and flange being arranged to receive therebetween the edge of the door when moved inwardly along said inclined element to the closed position and to form therewith a weather seal.

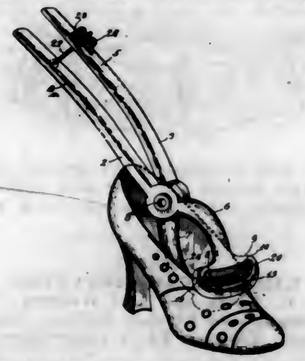
2,062,758
DEVICE FOR STRETCHING THE THROAT OF SHOE VAMPS

John B. Nicoletti, Chicago, Ill.

Application June 6, 1935, Serial No. 25,274
4 Claims. (Cl. 12—103)

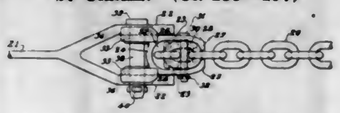
1. In a device of the class described, a pair of members movable relative to each other, and clamping jaws on said members, one of said jaws being apertured to receive the other jaw in clamping relation, the other jaw having a seat formed thereon for receiving the throat of a shoe vamp, and means for limiting the positioning of the vamp upon said seat to prevent the edge of

the vamp from being gripped by said jaws whereby said jaws are brought together in clamping re-



lation to stretch or preform the throat of said shoe vamp.

2,062,759
HAND BRAKE OPERATING MECHANISM FOR RAILWAY CARS
Howard E. Osborn, Michigan City, Ind.
Application April 22, 1935, Serial No. 17,602
20 Claims. (Cl. 188—197)



1. A device for connecting a brake chain to a brake rod, comprising an open top member having formed therein a horizontal seat for supporting the two side limbs of a link, an abutment for an end of said link, and means on one end of said member adapted for connection to a brake rod.

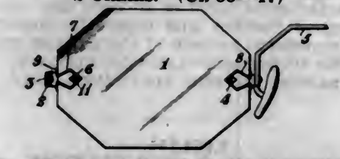
2,062,760
FLEXIBLE SPRING SUPPORT
Gustave A. Overstrom, Big Sur, Calif.
Application October 14, 1935, Serial No. 44,921
14 Claims. (Cl. 267—1)

1. A flexible spring leg for reciprocating apparatus comprising a central strip means formed of a non-crystalline material extending longitudinally of the leg and adapted to withstand compressive stresses in the direction longitudinal to the leg; lateral reinforcing means composed of strips of permanently resilient material extending on opposite sides of the aforesaid central strip means, and clamp means at the respective ends of the spring leg provided respectively with means for rigid attachment to its support and with means for rigid attachment to the reciprocating apparatus, the clamp means at each end of the spring leg rigidly securing the reinforcing means to the central strip means and to the clamp means, the permanently resilient strip means at each side of the central strip means comprising a bundle of metallic spring leaves, and each of said bundles tapering from near one end of the leg toward the other end thereof, and the taper of said bundles being on opposite sides of the leg, so as to distribute the lateral stresses along the length of the leg and prevent undue curvature of the leg at any portion thereof under the strains due to longitudinal and lateral stresses and the inner member of each bundle being in contact with the central strip means and extending throughout the portion of the central strip means which extends between said clamp means at each end of said leg and also extends



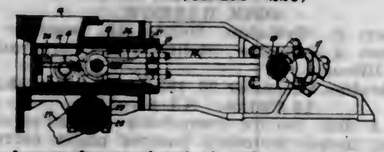
throughout the portion of the central strip means which is subject to pressure by the clamp means.

2,062,761
OPHTHALMIC LENS MOUNT
Louis John Page, Hollis, N. Y.
Application December 14, 1933, Serial No. 702,320
2 Claims. (Cl. 88—47)



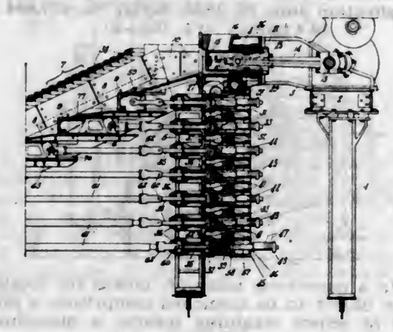
2. In a lens mounting two wire loops, said loops and their dependent parts conjointly forming a complete clamp for a lens, each of said loops being provided with two nodes, these nodes extending substantially at right angles one to the other, one of these nodes which engages the edge of the lens being capable of expansion or contraction to accommodate different lens thicknesses, and also allowing the other node to extend further towards the center of the lens, the other of the nodes resting against the face surface of the lens with a plate suspended from its point of furthermost entry upon the lens, the plates of the two corresponding nodes on either side of the lens being provided with fastening means so as to permit the drawing of the two plates tightly together upon the lens, and an end piece on the edge of the lens with which the terminal ends of the loops are engaged.

2,062,762
FURNACE STOKER
Herbert E. Preston, Philadelphia, Pa., assignor to American Engineering Company, Philadelphia, Pa., a corporation of Pennsylvania
Application October 3, 1933, Serial No. 691,931
4 Claims. (Cl. 198—226)



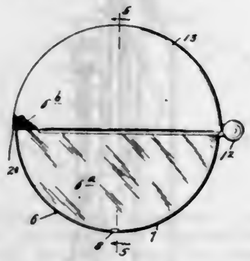
1. A ram for mechanical stokers comprising a cylindrical portion open at one end, a body portion having a part exterior to said cylindrical portion and another part extending from said exterior portion into the interior of the cylinder, means on the interior extension for attaching a connecting rod to the ram, means for detachably securing the body and cylindrical parts together, and means on the exterior part of the body portion for attaching the ram to associated mechanism.

2,062,763
FURNACE STOKER
Herbert E. Preston, Philadelphia, Pa., assignor to American Engineering Company, Philadelphia, Pa., a corporation of Pennsylvania
Original application October 3, 1933, Serial No. 691,931. Divided and this application March 6, 1935, Serial No. 9,539
8 Claims. (Cl. 198—226)



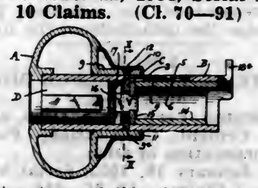
1. A stoker pusher, comprising an open base frame, a plurality of overlapping nose pieces secured to said frame, said nose pieces having means extending over the top, sides, and exposed end of said frame, and a plurality of serrations provided along the sides of said overlapping nose pieces.

2,062,764
REAR VISION MIRROR
John Sands and Henry A. Hellerud, Minneapolis, Minn.
Application December 9, 1935, Serial No. 53,574
8 Claims. (Cl. 88—77)



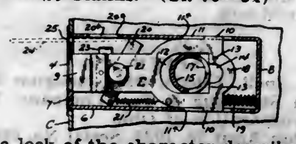
1. In a device of the kind described, a support, a shield and a mirror mounted on said support, one thereof being mounted for oscillatory movements in respect to the other, said shield being located in front of said mirror, said mirror on one face having relatively bright and dark reflecting surfaces, said shield being arranged to cover one of said reflecting surfaces and to expose the other, said movable element being movable in its own plane.

2,062,765
DOORKNOB AND SPINDLE FASTENER
Walter R. Schlage, San Francisco, Calif., assignor to Schlage Lock Co., San Francisco, Calif., a corporation of California
Application October 22, 1934, Serial No. 749,387
10 Claims. (Cl. 70—91)



7. In a structure of the character described a hollow spindle and a knob mounted thereon, a shank on the knob, a slot formed in the spindle transversely of the longitudinal axis of the spindle, a locking plate carried by the spindle and guided in the transverse slot, a spring engageable with the locking plate and exerting an outward pressure thereon to project the plate into a slot formed in the shank of the knob so as to secure the knob on the spindle, said spring being elongated and extending longitudinally of the spindle and lying within the wall thickness of the metal forming the spindle, an opening formed in the locking plate, a key actuated mechanism in the knob, a key actuated spindle disposed within the knob spindle, and a bar extending through the opening in the locking plate and forming a driving connection between the key actuated mechanism and the key actuated spindle, said bar adapted to be rotated by the key actuated mechanism and to assume different positions, one of which dogs the locking plate against depression and another which leaves the locking plate free to be depressed.

2,062,766
DOOR LOCK
Walter R. Schlage, San Francisco, Calif., assignor to Schlage Lock Company, San Francisco, Calif., a corporation of California
Application November 7, 1934, Serial No. 751,853
20 Claims. (Cl. 70—91)

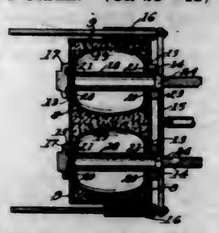


1. In a lock of the character described a housing consisting of a top and bottom and a pair of end plates, a latch bolt extending through one end plate, a retractor plate secured to the latch bolt and disposed at right angles to the top and bottom plates of the housing, a spindle extending through the housing and an opening formed in the retractor plate, said spindle having a transverse slot formed therein into which a portion of the retractor plate extends to secure the spindle against endwise removal with relation to the retractor plate and the housing, a roll-back member on the spindle whereby reciprocal movement is transmitted to the retractor plate and the latch bolt, and a stop member limiting reciprocal movement of the retractor plate to prevent the portion of the retractor plate which extends into the transverse slot of the spindle from clearing said slot.

20. In a lock of the character described, a housing, a latch bolt retractor plate mounted for reciprocal movement therein, a hollow spindle rotatably mounted in the housing, said spindle forming an interlock and an operative connection with the retractor plate upon its insertion,

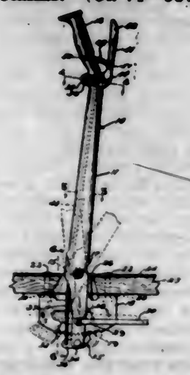
a stop member intermediate the housing and the retractor plate adapted to limit inward movement of the retractor plate and thereby prevent separation of the spindle from the interlock during normal operation of the lock, said stop member being releasable so as to allow extended inward movement of the retractor plate and thereby release the spindle from the interlock.

2,062,767
CONCRETE BUILDING BLOCK MOLDING MACHINE
August H. Sexton, Portsmouth, Ohio, assignor to Superior Cement Corporation, Portsmouth, Ohio, a corporation of Ohio
Application January 18, 1933, Serial No. 652,355
1 Claim. (Cl. 25—41)



In combination, a concrete hollow block apparatus comprising means for supporting a mold box, a mold box thereon having fixed side and end walls and a loose platen defining the mold box bottom and movable vertically with respect to said side and end walls, a plurality of sets of transversely disposed openings in said side walls in longitudinal alignment with each other respectively, a plurality of inflatable core structures entering said transverse openings and sealed therein by head elements, a connecting bar secured to said head elements, slidable guides carried by the fixed end walls of the mold box and operatively connected to said connecting bar, said connecting bar having a passage therethrough communicating with the aforesaid inflatable core structures to admit and evacuate fluid after the core structures are slidably guided into said mold box.

2,062,768
LEVER
Samuel A. Snell, Toledo, Ohio, assignor to The Bingham Stamping & Tool Company, Toledo, Ohio, a corporation of Ohio
Application April 30, 1932, Serial No. 608,399
3 Claims. (Cl. 74—537)



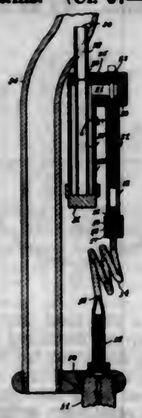
1. In a brake lever the combination of a hollow sheet metal member having a tubular body portion and a tubular handle portion, said tubular handle portion being angularly arranged with respect to said body portion and having an opening in one wall thereof; a pair of ears integral with the sheet metal member and projecting from the junction of said body and handle portions; a rod within said hollow body portion; an operating element for said rod having portions straddling said hollow member and being pivotally connected to said ears; and a spring between said handle portion and said operating element, said spring extending through the opening in said handle portion.

2,062,769
QUENCHING MACHINE
Isaac W. Sprink, Whitehouse, Ohio, assignor to The Logan Gear Company, Toledo, Ohio, a corporation of Ohio
Application June 22, 1933, Serial No. 677,004
10 Claims. (Cl. 266—6)



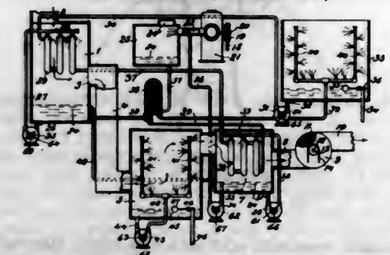
1. In a quenching machine, means for retaining an object to be quenched comprising a plurality of object retaining means; a quenching medium; means for causing relative movement between said object retaining means and the quenching medium to effect a quenching of the object; means operable upon relative movement between the object retaining means and the quenching medium to cause a flow of quenching medium directed upon the object.

2,062,770
GENERATOR FOR GAS-MANTLE LAMPS
Thomas H. Stafford, Meredith, N. H.
Application October 16, 1931, Serial No. 569,175
4 Claims. (Cl. 67—50)



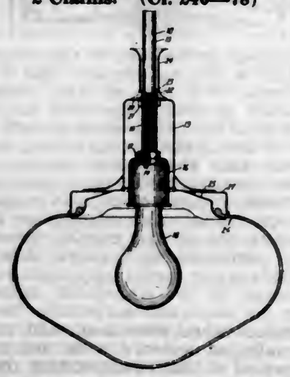
1. In a generator of the character described, a tube for fuel oil, said tube having a cup-shaped upper-end, said cup-shaped upper-end having a coarse-misting tube, one end of which is fastened into said cup-shaped upper-end, the other end of said coarse-misting tube being closed and projecting out of said cup end, said projecting end of said coarse-misting tube being laterally perforated near its closed end.

2,062,771
METHOD OF AND APPARATUS FOR CONDITIONING AIR
Charles W. Stead, Independence, Kans.
Application July 22, 1935, Serial No. 32,472
16 Claims. (Cl. 261—11)



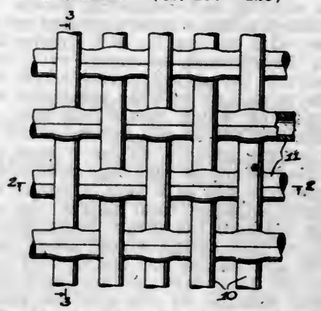
1. The method of air conditioning consisting in contacting atmospheric air with a dehydrating agent, then saturating by washing with water the air so treated, then contacting and dehydrating said washed air with the agent used in the first step of dehydration, and cooling said agent and the air during one of said dehydrating steps.

2,062,772
LIGHTING FIXTURE
Morris E. Surface, Waterbury, Conn., assignor to The Chase Companies, Incorporated, Waterbury, Conn., a corporation of Connecticut
Application December 23, 1935, Serial No. 55,705
2 Claims. (Cl. 240—78)



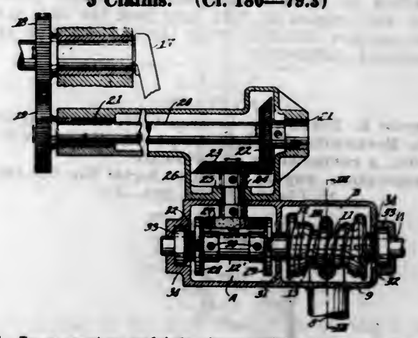
1. A lighting fixture including: a suspension-tube having an externally screw-threaded portion adjacent its lower end, the length of said threaded portion being considerably greater than its diameter; an electric socket secured to the lower end of said tube; a nut screw-threadedly engaged on said externally screw-threaded portion; a sheet-metal tubular globe-hanger adapted to house and extend above said electric socket and having its upper end connected to said nut and adapted to be adjusted toward and from said electric socket by rotation of said globe-hanger; and a locking-sleeve adapted to be screw-threadedly engaged on said externally screw-threaded portion and having a recess in its lower face of greater diameter than the diameter of said nut and having a flange surrounding said recess and adapted to engage against the sheet-metal top of said globe-hanger.

2,062,773
WIRE CLOTH
Louis Nicholas Weber, Appleton, Wis., assignor to Appleton Wire Works, Inc., Appleton, Wis., a corporation of Wisconsin
Application August 24, 1934, Serial No. 741,263
Renewed May 4, 1935
9 Claims. (Cl. 139—425)



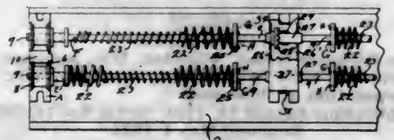
1. A Fourdrinier wire fabric formed with wires having a hollow center to render them deformable at the intersections.

2,062,774
POWER ACTUATED STEERING MECHANISM
Bruce D. Woolley, Johnstown, Ohio
Application April 7, 1934, Serial No. 719,537
Renewed April 27, 1936
5 Claims. (Cl. 180—79.3)



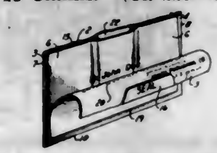
1. In a motor vehicle, in combination, a steering post, bearings in which said post is mounted for rotatable movement, said bearings being formed to provide for limited longitudinal movement of the post whenever the latter is rotated from a normal position, gearing connected with the post for effecting the turning movements of the associated steering wheels of the motor vehicle, a pair of spaced friction wheels mounted on said post, and a third friction wheel constantly driven by the engine of the motor vehicle and arranged between the adjoining faces of the post carried friction wheels, the said friction wheels being spaced when said post is normally positioned and arranged to be selectively engaged for facilitating the rotation of the post by power derived from said engine when said post is rotated from a normal position.

2,062,775
WINDOW SASH-BALANCING MEANS
Lance E. Appleby, Wichita, Kans.
Application September 3, 1932, Serial No. 631,616
Renewed October 12, 1936
2 Claims. (Cl. 16—198)



1. In a window sash-balancing means of the class described, a rod, a sheave secured near each end of the rod, a bearing for each sheave, the rod extending therethrough to engage with one side of the bearing, the sheave having a hub on the other side to engage with its respective side of the bearings by which means the said rod is trunnioned, and the sheave free to rotate thereon, each of the sheaves having a tape wound thereon, the free end of each tape being attached to its respective side of a sash, a spring wound on the shaft adjacent each sheave, the end of the spring adjacent the sheave being secured to the shaft, another spring wound about the first said spring and having one end thereof secured to the hub of the sheave, an annular flange rotatable and slidable on the rod, the flange as connecting means for the other end of each spring, a bearing intermediately positioned to the first said bearings, all of said bearings being secured to the upper side of the head jamb of the window frame, a toothed gear having a hub to engage in said bearing, the hub axially bored to receive the rod as turning means therefor, the points of the gear teeth being in a plane transverse to the axis of the hub and a gear trunnioned in mesh with the first said gear and adapted to move axially while in mesh therewith and means to turn and lock the last said gear against rotation when the said springs are tensioned sufficiently.

2,062,776
ENVELOPE
Eugene B. Berkowitz, Kansas City, Mo., assignor to Berkowitz Envelope Company, Kansas City, Mo., a corporation of Delaware
Application August 13, 1934, Serial No. 739,598
13 Claims. (Cl. 229—80)



1. An envelope including a front member, a back flap sealingly folded over the front member to form a pocket of smaller size than the front member, a sealing flap on the front member foldable over the back flap, and a sealing flap on the back flap and adapted to be sealed to the sealing flap on the front member and foldable with said sealing flap to close the pocket.

2,062,777
STOCKING DRIER AND STRETCHER
Joseph Paul Blackman, Fairfield, Conn., assignor of one-half to Edward F. Hurd, Bridgeport, Conn.
Application April 20, 1935, Serial No. 17,484
14 Claims. (Cl. 223—77)

1. In a stocking drier and stretcher, front and rear tubular leg members of which the former comprises a calf and ankle piece while the latter comprises a calf, ankle and heel piece, a flexible resilient piece extending out of the lower end of



one of said members and into the other through the lower end thereof to form a flexible resilient loop, and said flexible piece being slidable in one of said members independently of the other member to form foot shaped loops of different sizes.

2,062,778
INDEPENDENT WHEEL SUSPENSION
Frederick E. Clemons, Indianapolis, Ind.
Application June 15, 1931, Serial No. 544,327
Renewed April 9, 1934
4 Claims. (Cl. 180—73)



1. In a self-propelled vehicle, the combination with a frame, a driving member, and a pair of driving wheels, of a pair of large radius type supports, each pivotally supported at one end upon the side of the frame upon an axis parallel to the axis of one of the driving wheels, said supports constituting compression members while driving, said supports at the other ends supporting said wheels, a spring suspension support supported by the frame and including an aperture through which the driving member extends and operatively connected at opposite ends to the frame, a rectangular spring suspension construction supported by the suspension support and enveloping the same and supporting the wheels for independent wheel movement, and independent universally connected driving means operatively connected at the remote ends to the wheels and at the adjacent ends to the driving member, said large radius supports each including an aperture through which the driving means extends.

2,062,779
SPRINKLER HEAD FOR IRRIGATION PIPES
Henry F. Congable, Oakland, Calif.
Application November 16, 1935, Serial No. 50,150
1 Claim. (Cl. 299—166)

A sprinkler head for irrigation pipes comprising a cup-like body having an annular wall provided with a back wall and also with a radially extended flange at its outer edge, said back

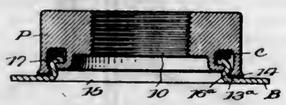
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wall having a central opening and a plurality of discharge openings, rigid deflector members carried by the rear wall and inclined outwardly in radial directions so as to overhang the respective discharge openings, the inclination of said deflector members and the spacing of their edges with respect to the annular wall being such that liquid issuing from said discharge openings will be directed by the deflector members against



said annular wall, a valve plate having a centrally located hub having a slot in its outer end, said hub being projected outwardly through the central opening of said back wall, said valve plate also having openings adapted to register with the other openings of said back wall, a flat opening key secured in the slot of said hub, and means for maintaining a yieldable pressure upon the underside of the key to urge said valve plate into engagement with said back wall.

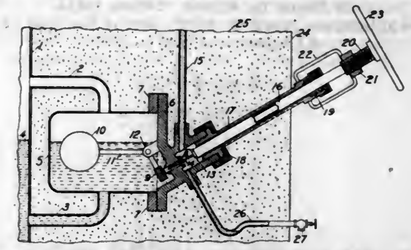
2,062,780
METHOD OF ATTACHING PLUG RECEIVING MEMBERS TO METAL CONTAINERS
David W. Curtis, Richmond, Calif., assignor, by direct and mesne assignments, of fifty per cent to Thomas Connors, St. Louis, Mo.
Application October 5, 1934, Serial No. 747,024
5 Claims. (Cl. 29—148.2)



1. The method of attaching a plug-receiving member to a metal container, comprising providing the container with a hole having a flange surrounding the same, said flange having an inwardly bent edge, providing a plug-receiving member having parallel concentrically spaced inner and outer flanges, engaging said member with the flange of the container in such manner that the flanges of the plug-receiving member straddle the flange of the container, bending the inner flange of said member in a manner to overlap the inturned edge of the container flange and then squeezing all of said flanges together.

2,062,781
APPARATUS FOR DISCHARGING LIQUEFIED GASES FROM A VESSEL BELOW ATMOSPHERIC TEMPERATURE
William Lane De Baufre, Lincoln, Nebr.
Application August 12, 1935, Serial No. 35,825
18 Claims. (Cl. 62—1)

1. Apparatus for discharging liquefied gases from a vessel below atmospheric temperature and covered with insulating material, including a partition between the space within said vessel and the space into which said liquefied gases are discharged, a passage-way through said partition, a valve and seat at the inner end of said passage-way, means for opening and closing said valve with rise and fall in the level of said liquefied gases, a second valve and seat at the outer end of said passage-way, a sleeve through said insulating material and a stem from said second valve extending through said sleeve for manually

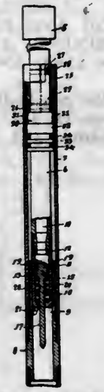


operating said second valve outside said insulating material.

2,062,782
TREATMENT OF LECITHIN
Albert K. Epstein and Benjamin R. Harris, Chicago, Ill.
No Drawing. Application January 10, 1936, Serial No. 58,540
6 Claims. (Cl. 252—1)

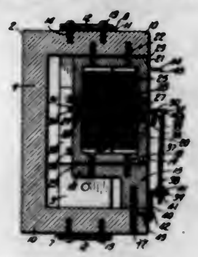
1. A substantially dry composition of matter readily dispersible in aqueous media comprising an intimate mixture of lecithin and a diglyceride of a higher fatty acid, the lecithin comprising at least several percent of the composition.

2,062,783
PERFORATION CLEANER AND BAILER
William J. Flury, Long Beach, Calif.
Application July 17, 1934, Serial No. 735,605
21 Claims. (Cl. 166—19)



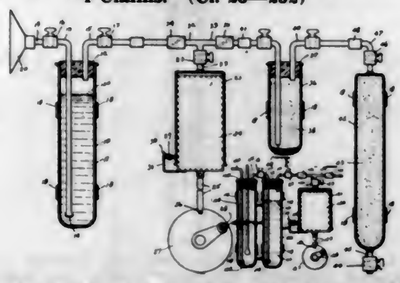
1. A tool of the kind described, having a low pressure air-tight chamber within the same, a valve for maintaining the air-chamber closed while the tool is running down the well, said tool including a relatively fixed part and a relatively movable part capable of vertical movement on the fixed part, yieldable means between the fixed part and the movable part, one of said parts having a shoulder temporarily engaging the yieldable means for temporarily holding the relatively movable part against longitudinal movement on the fixed part and cooperating with the yieldable means when a jar is imparted to the relatively fixed part, to move the yieldable means off the shoulder to release the relatively movable part and thereby cause relative downward movement of the relatively movable part of the fixed part, and means actuated by said relative downward movement for opening the valve.

2,062,784
SEISMOGRAPH
William G. Green, Tulsa, Okla.
Application April 4, 1932, Serial No. 603,148
9 Claims. (Cl. 177—352)



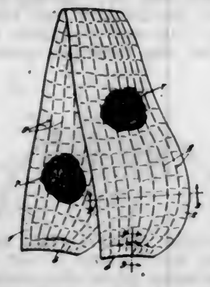
3. In a device of the character described, a support, a pair of magnets having poles for establishing a magnetic field, means mounting the magnets on the support with their poles in spaced aligning relation to form an air gap therebetween, an armature, means for pivotally supporting the armature centrally within said air gap, means for adjusting the magnets on said mounting to vary the width of the air gap, a current conducting coil, means for supporting said coil in encircling relation with the armature and in the field of the magnets, and means on the support engaging the armature for effecting pivotal movement of the armature in response to vibratory movement of said support and inertia of said magnets to generate a current in said coil.

2,062,785
APPARATUS FOR AND PROCESS OF READILY DETERMINING ALCOHOL CONCENTRATIONS IN LIVE ANIMALS AND SOLUTIONS
Rolla N. Harger, Indianapolis, Ind.
Application June 11, 1932, Serial No. 616,661
4 Claims. (Cl. 23—232)



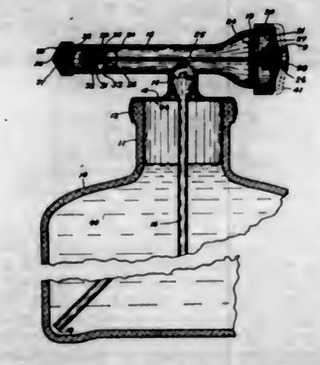
1. A process of determining the degree of intoxication of a person who has imbibed ethyl alcohol, including passing the person's breath through a measured amount of an alcohol responsive color changeable liquid including a permanganic acid or a permanganate, sulphuric acid and water, the sulphuric acid and water having a specific gravity of from 1.3 to 1.6 and at a temperature not to exceed 40° C. until the color has changed, the liquid including a solution of a permanganate in a mixture of sulphuric acid and water of a specific gravity of from 1.3 to 1.6, dehydrating the breath after passing through the color changeable liquid, and then abstracting the carbon dioxide from the dehydrated breath for determining the alcohol-blood concentration therefrom.

2,062,786
PAD
Laurance J. Horan, University City, Mo.
Application September 18, 1933, Serial No. 689,911
3 Claims. (Cl. 54—67)



1. A pad comprising spaced retaining walls attached together along their marginal edges, and a layer of broken-fiber sponges and broken sponge fibers confined between said walls.

2,062,787
SPRAYING DEVICE
Carl Iddings, Staten Island, N. Y.
Application November 15, 1933, Serial No. 698,183
2 Claims. (Cl. 251—31)

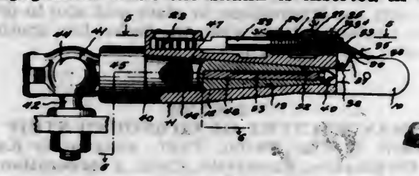


2. In a spraying device, a housing having an outlet port, a valve seat and a valve disk adapted to bear against said seat for closing the outlet port, a flexible diaphragm hermetically sealed in tension to the inner surface of the housing, the inner surface area of the diaphragm being greater than the inner area of said disk, an operating stem secured to the diaphragm and disk, and an inlet port in the housing between the diaphragm and valve seat whereby pressure passing through the inlet port directly contacts the inner surface of the diaphragm and, acting in conjunction with the tension of the diaphragm, exerts through said stem a positive force for holding the disk firmly against said valve seat.

2,062,788
TRAILER HITCH
Thomas H. Jacob, Wausau, Wis.
Application February 20, 1935, Serial No. 7,396
10 Claims. (Cl. 280—33.15)

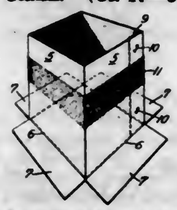
1. A trailer hitch comprising an elongated tapered shank, a socket member having a tapered bore for receiving the shank, cooperative means

on the shank and socket for detachable latching engagement when the shank is inserted in the



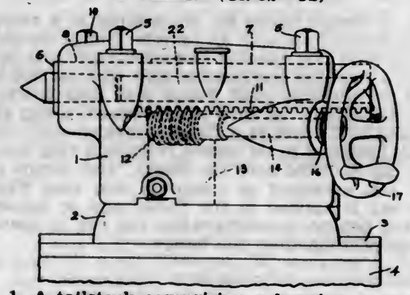
socket, and a pilot rod slidably carried by the shank for initial insertion in the bore.

2,062,789
PLANT GUARD
Paul L. Keller, Concord, Calif.
Application May 7, 1936, Serial No. 78,303
1 Claim. (Cl. 47—30)



A plant guard comprising a sheet of material impregnated with a material for deterring decay, said sheet having opposite edges thereof joined together to provide a tubular member for surrounding a plant, portions of said sheet extending angularly from said member at one end thereof to provide flanges upon which material may be placed to secure said member to the ground about said plant, and a barrier against the passage of insects over the surface of said member, said barrier comprising a coating of a sticky substance on and encircling said member intermediate the ends thereof.

2,062,790
TAILSTOCK CONSTRUCTION FOR LATHES
Richard K. Le Blond, Cincinnati, Ohio, assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio, a corporation of Delaware
Application May 13, 1935, Serial No. 21,209
2 Claims. (Cl. 82—31)



1. A tailstock comprising a housing, a spindle mounted for axial movement in said housing, a rack on said spindle, a worm operatively engaging said rack, a worm shaft journaled in said housing in a plurality of bearings, the axis of said worm shaft being angularly disposed relative to the axis of said spindle, said worm being mounted on said shaft intermediate some of said bearings, and a handwheel connected to said worm shaft for rotating the same.

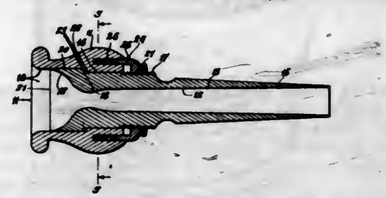
2,062,791
SLIDER FOR FASTENERS
Robert C. Legat, New Britain, Conn., assignor to G. E. Prentice Manufacturing Company, New Britain, Conn., a corporation of Connecticut
Application April 8, 1936, Serial No. 73,212
10 Claims. (Cl. 24—205)



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3. A slider for slide actuated fasteners, said slider comprising front and rear wings, the front wing having a pair of spaced apertures arranged at opposite sides, respectively, of the longitudinal axis of the wing, a locking element comprising spaced parts which extend inwardly through the respective openings and a transverse portion disposed at the outer side of the front wing, a pull tab support carried by the slider, said support including a part disposed forwardly of the front wing and substantially midway between said apertures, said part having a recess open toward the front surface of the front wing, and a pull tab comprising a pivot portion disposed in said recess forwardly of the transverse portion of the locking element, said pivot portion being of such transverse thickness that, when the tab is allowed to drop until it is substantially parallel to the front wing, it bears both against the transverse portion of the locking element and against the forward wall of the recess thereby to hold the locking element in locking position, said pivot portion being of lesser thickness longitudinally of the tab so that when the tab is disposed substantially perpendicular to the front wing the locking element is free to move forwardly from locking position.

2,062,792
MEANS FOR INCREASING THE RANGE OF WIND INSTRUMENTS
Philip B. Limina, Buffalo, N. Y.
Application April 5, 1935, Serial No. 14,864
2 Claims. (Cl. 84—399)

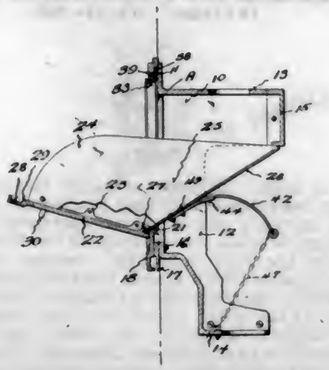


1. A means for increasing the range of a wind instrument having a horn and comprising: a stem connected with said horn and having an amplifying duct; a mouth piece slidably arranged at the front end of said stem and having a resonance chamber tubularly connected with said amplifying duct and having a peripheral recess in its rear face; and a collar interlockingly connected with said stem and received within said recess.

2,062,793
INCINERATOR HOPPER DOOR
Herbert Erskine Nicol, Milwaukee, Wis., assignor to Kerner Incinerator Company, Milwaukee, Wis.
Application March 10, 1934, Serial No. 715,022
6 Claims. (Cl. 193—34)

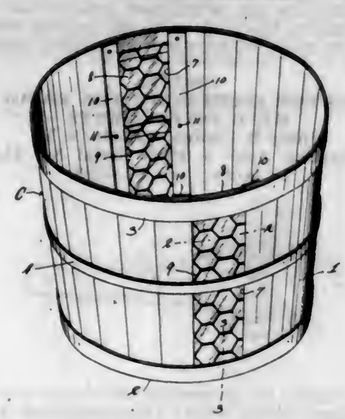
6. In a closure, a frame support having an

opening, a door rockably mounted on said frame support for closing said opening, a leaf spring carried by the inner face of said door, a loose connection between the spring and frame support, said spring being normally inactive when the door



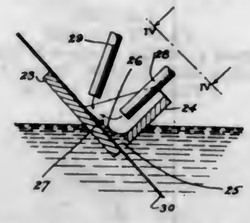
is in its closed position, and active when the door is in its fully opened position, the tension of said spring gradually decreasing to zero when the door reaches approximately a two-thirds closed position.

2,062,794
CONTAINER FOR FRUIT OR THE LIKE
Eugene H. Peters, Benton Harbor, Mich.
Application September 15, 1934, Serial No. 744,208
2 Claims. (Cl. 206—44)
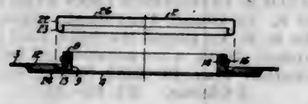


1. A basket for fruit and the like comprising a side wall structure including staves, hoops for maintaining the staves in assembled relation, said side wall having certain of the staves omitted to provide a materially wide window opening in said side wall extending from substantially the bottom to the top of the basket, a transparent lamination disposed over said window opening, a second lamination of netted fabric disposed over the transparent lamination to protect said transparent lamination against pressure of the content within the basket, said transparent lamination and said netted lamination being within the basket and having side marginal portions overlying the staves of the basket immediately adjacent to the window opening, and strips disposed over said overlying portions of the laminations and secured to the side wall of the basket to hold the laminations in place and also to protect the laminations when the basket has another basket nested therein.

2,062,795
MANUFACTURE OF COMPOUND STRIP
Robert D. Pike, Diablo, Calif., assignor to Kalif Corporation, Emeryville, Calif., a corporation of Delaware
Application May 4, 1931, Serial No. 534,723
4 Claims. (Cl. 91—70.2)



1. The method of forming a compound strip comprising a layer of iron or steel and a layer of plastic bronze directly bonded thereto, which method comprises maintaining a molten bath of said plastic bronze at a temperature of about 2000° F. to 2100° F., deforming the surface thereof into a sheet-like form, passing a strip of iron or steel through said molten metal and out therefrom in contact with said sheet-like form, and rapidly cooling the resulting plural layer strip.

2,062,796
SEAL CAP
Richard S. Rheem, Oakland, Calif., assignor to Rheem Manufacturing Company, Richmond, Calif., a corporation of California
Application October 24, 1934, Serial No. 749,736
6 Claims. (Cl. 220—39)

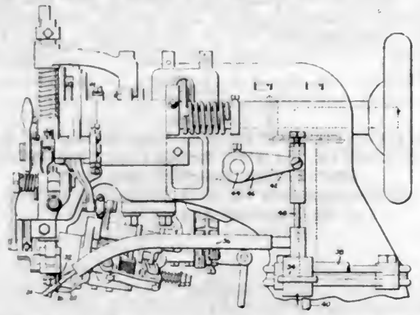


1. A closure guard for an opening in a receptacle wall, comprising an annular flange extending around said opening and outwardly from said wall, a resilient contractible split ring carried by and surrounding said flange and held thereon against axially outward displacement, a cap arranged to fit over said flange provided with side walls designed to lie spaced from said ring when the cap is fitted over the flange, and means on the cap arranged to compress said ring when the cap is applied to the flange and to become locked behind said ring when the cap is operatively positioned on the flange.

2,062,797
SEWING MACHINE
Clifford Roberts, Winchester, and John M. Whelton, Peabody, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application September 28, 1935, Serial No. 42,656
7 Claims. (Cl. 112—45)

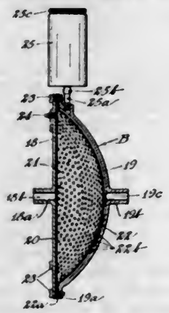
1. A shoe machine for operating upon work provided with a seam concealing flap having, in

combination, a work support, suitable devices for operating on the work and means for directing



a jet of air under pressure against the work to raise the flap for the operating devices.

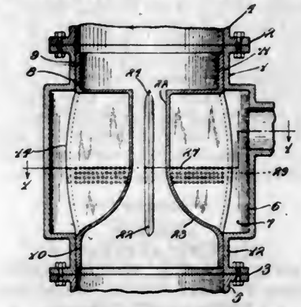
2,062,798
HYDRAULIC BRAKE SYSTEM
Rolland C. Sabins, St. Paul, Minn., assignor to Mechanical Development Co., St. Paul, Minn., a corporation of Minnesota
Application February 28, 1935, Serial No. 8,661
3 Claims. (Cl. 303—84)



1. Fluid sectionalizing means for a hydraulic brake operating system comprising a chamber, a fluid-tight diaphragm mounted within said chamber to divide said chamber into two portions, one of said portions having communication with the fluid pressure exerting means of said system and the other of said portions having communication with a fluid pressure actuated brake operating means of said system, and a backing member mounted in said chamber for said diaphragm to lie against when said diaphragm has been deflected to a predetermined degree by pressure exerted by said pressure exerting means.

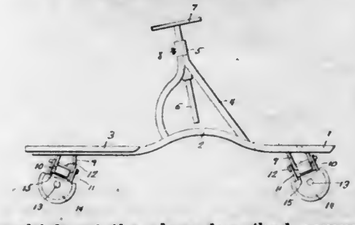
2,062,799
AIR LIFT PUMPING APPARATUS
Robert W. Scott, Chicago, Ill., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application September 30, 1935, Serial No. 42,774
9 Claims. (Cl. 103—232)

1. In an air lift aerating device, means forming an air chamber and having a wall generally circular in cross section separating said chamber from and forming a passageway for a rising liquid column, a belt of aerating orifices traversing said wall, and radially extending portions connected to said wall and having relatively parallel walls between which are chambers communicating with said air chamber and through which



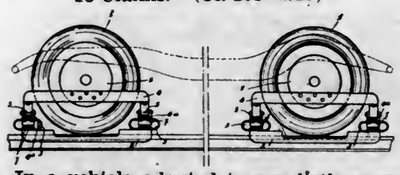
relatively parallel walls extend orifices opening into the rising liquid column.

2,062,800
COMBINATION VEHICLE
Dake Shreffler, Barnsdall, Okla.
Application July 20, 1936, Serial No. 91,573
1 Claim. (Cl. 280—87.5)



A vehicle of the class described comprising a longitudinal bar, substantially U-shaped brackets mounted beneath the end portions of said bar, substantially U-shaped hangers pivotally mounted on said brackets, wheels mounted on said hangers, rods mounted in said hangers, and downwardly and inwardly extending flanges on the bight portions of the brackets engageable by the rods for limiting the swinging movement of the hangers.

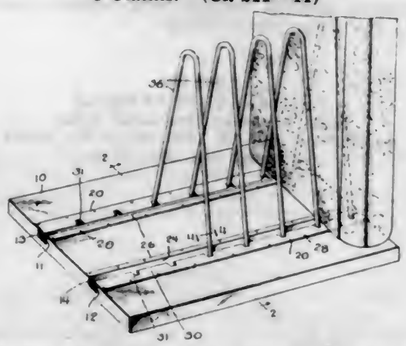
2,062,801
REMOVABLE GUIDING DEVICE FOR AUTOMOBILE VEHICLES RUNNING ON RAILS
Augustin Talon, Bourg-la-Reine, France, assignor of one-half to Societe Anonyme des Pneumatiques Dunlop, Paris, France, a corporation of France
Application March 25, 1933, Serial No. 662,790
In Belgium April 7, 1932
13 Claims. (Cl. 105—215)



1. In a vehicle adapted to run both on roads and on rails, and including a plurality of wheels at least two of which are pivotable with respect to said vehicle about substantially vertical axes, a brake drum having a non-rotary cover plate for each wheel, and axles for said wheels, a guiding device comprising in combination, light weight

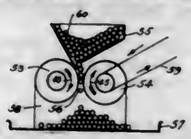
guiding means for each wheel adapted to bear on the corresponding rail on either side of the vertical plane of the axle of said wheel, a frame for connecting said guiding means to the brake drum cover plate of said wheel so that said axle and said guiding means are caused to rotate as a unit about a common vertical axis, elastic means between said frame and said guiding means for permitting said guiding means to move in a vertical direction with respect to said frame, and means for limiting the vertical displacement of said guiding means with respect to said frame.

2,062,802
DISPLAY APPLIANCE
David V. Walker, Wichita, Kans.
Application January 7, 1936, Serial No. 58,018
5 Claims. (Cl. 211—44)



1. In a display appliance, the combination of a supporting surface, parallel anchoring strips secured thereto, the strips each including a channel and a double thickness flange portion overhanging the recess of said channel, aligned notches formed in the overhanging portions of said strips, and at least one bracket extending between said strips having its lower leg portions seating in said notches and its end portions extending into the channel recess and cooperating with the relatively outer wall of the channel.

2,062,803
METHOD OF GRINDING ANTIFRICTION NEEDLE BEARINGS
Elek Benedek, Mount Gilead, Ohio
Application January 27, 1933, Serial No. 653,873
8 Claims. (Cl. 51—278)



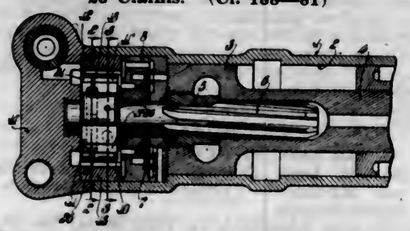
7. The continuous method of grinding rollers comprising continuously introducing free blanks between a pair of relatively rotating grinding elements having divergent peripheral operating surfaces spaced apart a distance corresponding to the desired diameter of the finished rollers and providing a grinding throat, at least one surface being a grinding surface, supporting and maintaining in parallelism a plurality of roller blanks so introduced simultaneously by the operating surfaces and by each other while in the grinding throat so that grinding of a plurality of blanks is accomplished simultaneously and less finished blanks hold the more nearly finished blanks in proper position with respect to the surfaces and the superposed blanks continuously urge the subterposed blanks toward said throat and successively discharging the finished rollers from the throat in a direction away from the oncoming blanks.

2,062,804
AUTOMATIC GOVERNOR FOR MOTORS, RESPONSIVE TO THE RESISTANT TORQUE
Luigi Filippo Braga, Rome, Italy
Application July 30, 1934, Serial No. 737,681
In Germany August 3, 1933
3 Claims. (Cl. 74—411)



1. An automatic governor for shafting, comprising a pinion fast to the driving shaft, a driven gear fast to the driven shaft, planet gears fast on a third shaft and meshing with the pinion and driven gear respectively, a carrier in which said planet gears are pivotally mounted, a shaft across one end of said carrier having a roller loosely fitted thereon, a pivoted lever bearing against said roller, and a spring urging said lever into contact with said roller, variations in load demand by said driven shaft causing a rocking of said carrier into a new equilibrium position, movement in one direction of said carrier being resisted by said spring.

2,062,805
RATCHET MECHANISM
Roy E. Campbell, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application April 15, 1935, Serial No. 16,348
23 Claims. (Cl. 188—81)



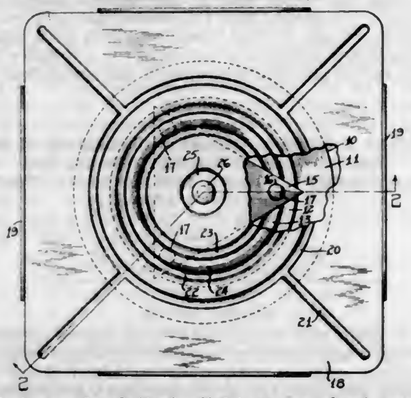
1. In combination, a ratchet ring, a pawl carrier arranged within said ratchet ring, diametrically opposite pawls carried by said pawl carrier and engageable with said ratchet ring, and alined relatively movable means respectively for locking one pawl on said pawl carrier and yieldingly pressing another into engagement with the ratchet ring.

2,062,806
BRAKE MECHANISM
Roger H. Casler, Pittsburgh, Pa., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa., a corporation of Delaware
Continuation of application Serial No. 643,902, November 22, 1932. This application October 24, 1934, Serial No. 749,837
6 Claims. (Cl. 280—33.1)



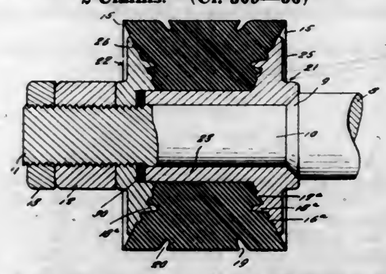
3. In combination, a tractor vehicle having a fluid conduit, a trailer vehicle having a fluid conduit, coupling means for connecting the vehicles including a king pin device on the trailer, means for connecting said device to the trailer conduit, and connecting means for the conduits to establish communication therebetween, including said king pin device on the trailer vehicle, a part pivotally mounted on the tractor vehicle, and a device carried by one of said vehicles operable by relative movement of the two vehicles to yieldingly move said part about its pivotal mounting into engagement with the said king pin device.

2,062,807
TRAY ASSEMBLY
Grant W. Cramer, Toledo, Ohio, assignor to Dura Company, Toledo, Ohio, a corporation of Ohio
Application April 27, 1935, Serial No. 18,565
1 Claim. (Cl. 211—77)



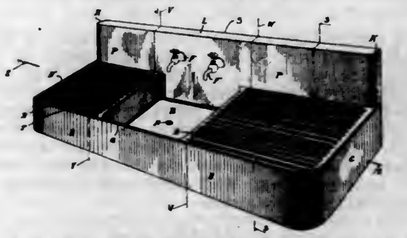
A tray of relatively light gauge sheet metal comprising a base having a raised central flat bearing portion and an outer flanged supporting portion, a depressed annular groove spaced outwardly from said bearing portion to provide a ball-receiving track, a ball plate bearing against said flat bearing portion, said plate being provided with a plurality of equally spaced openings, a ball in each of said openings in said plate having a portion disposed in said depressed raceway, a turntable disposed above said ball plate, said turntable being rectangular in form and having an upwardly extending flange on the outer edge portion of each side, a pair of depressed concentric annular grooves or ribs in said turntable providing therebetween on the underside of the turntable a ball raceway complemental to said first raceway, a depressed central portion in said turntable normally spaced from said ball plate, a rivet extending through said turntable, ball plate and base plate and having the head thereof disposed in said depressed central portion and being substantially flush with the upper surface of the turntable, a depressed annular reinforcing rib in said turntable disposed outwardly of said concentric ribs, and depressed ribs formed in said turntable and extending radially from said annular reinforcing rib and terminating adjacent each corner of the turntable.

2,062,808
PISTON
Jack H. Davis, Dallas, Tex.
Application March 2, 1936, Serial No. 66,723
2 Claims. (Cl. 309—36)



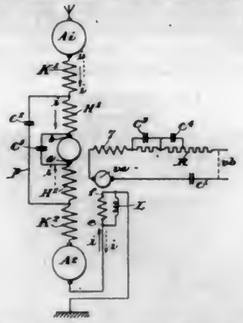
1. As a new product of manufacture and as a component part of a structure of the class described, an annular compressible rubber packing ring, said ring being provided with a pair of converging peripheral grooves and having conical cavities formed in its opposite ends, said cavities being provided with concentric radially spaced grooves in the manner and for the purposes described.

2,062,809
SINK OF COMPOSITE CHARACTER
Edward S. Erickson, Salem, Ohio, assignor to The International Nickel Company, Inc., New York, N. Y., a corporation of Delaware
Application December 31, 1930, Serial No. 505,886
5 Claims. (Cl. 4—187)



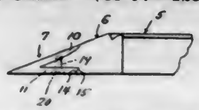
1. A stamped sheet metal sink of composite character constituted as an integral and unitary article of manufacture having non-visible joints which comprises a plurality of units including an integral stamped basin and drainboard having a front apron extending lower than the bottom of said basin and having a rear splashback, an inturned edge provided on said apron and said splashback, said units being aligned with respect to said apron, splashback and inturned edges and being welded together to form a unitary structure having sheet metal walls transverse to the various parts of the weld whereby a strong, rigid structure is produced, said sink being capable of being handled, shipped and mounted as a unit.

2,062,810
SPEED GOVERNING DEVICE APPLICABLE TO ELECTRIC TRACTION
Louis René Eugène Gratzmuller, Paris, France
Application March 17, 1932, Serial No. 599,559
In France March 25, 1931
7 Claims. (Cl. 172—179)



1. A method of economically regulating the speed of dynamos operating sometimes as motors and other times as generators, comprising obtaining motive power during starting by connecting the armatures of the dynamos and the field windings for series direct field excitation and when a desired speed of the armature of the dynamos is approximately obtained, limiting the increase and decrease in speed by changing the excitation from series-direct to compound semi-direct excitation whatever the connections between the series-direct excited dynamos may be at the time of making the change.

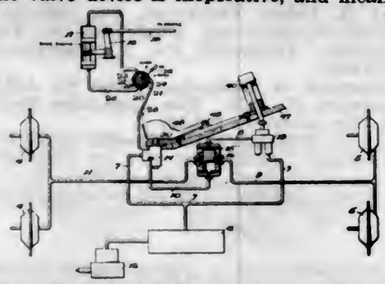
2,062,811
PLOWSHARE WITH DETACHABLE POINT
Thomas W. Howard and Alvin E. Hagan, Hannibal, Mo.
Application July 30, 1936, Serial No. 93,486
1 Claim. (Cl 97—125)



A plow share construction comprising a share including a land side, a detachable point on said land side, said land side including a triangular projection having shoulders on opposite lateral sides thereof, and said point having a V-shaped notch bounded by shoulders for engaging with said shoulders and with said point, and bolt means traversing the arms defined by said notch, and said triangular projection and fastening the point on the plow share.

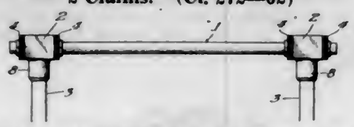
2,062,812
MOTOR VEHICLE CONTROL MECHANISM
Stephen Johnson, Jr., Pittsburgh, Pa., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa., a corporation of Delaware
Application March 23, 1934, Serial No. 717,046
8 Claims. (Cl. 303—6.1)

1. In a motor vehicle control apparatus for fluid pressure brakes, the combination with a fluid pressure door engine for opening and closing the vehicle doors, and a door valve device for controlling the fluid pressure for operating said door engine, of a brake valve device for controlling the fluid pressure brakes on the vehicle, a conduit connecting said valve devices, means for supplying fluid under pressure to said conduit through said brake valve device when said brake valve device is inoperative, and means to



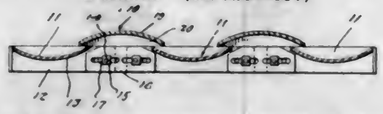
move said brake valve device to operative position to apply the brakes and to balance the fluid pressures on said door engine.

2,062,813
GYMNASTIC APPARATUS
Edward Emil Knourek, Lyons, Ill.
Application December 30, 1935, Serial No. 56,670
2 Claims. (Cl. 272—62)



1. A gymnastic apparatus comprising a pair of uprights, a T-shaped fitting at the upper end of each upright, the depending portion of each T-fitting being provided with a socket for receiving the upper end of the corresponding upright, a horizontal bar, the horizontal portions of said T-shaped fittings being provided with longitudinal bores defining bearings for rotatably receiving the end portions of said horizontal bar.

2,062,814
DRIP PAN
Dwight J. Kramer, Hobart, Ind., assignor of one-half to Edna C. Donnelly, Hobart, Ind.
Application January 7, 1936, Serial No. 57,977
1 Claim. (Cl. 126—337)

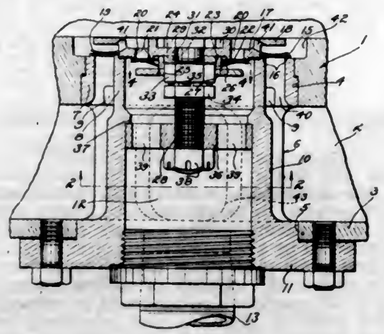


A drip pan comprising a series of arcuate troughs and deflector members arranged in overlapping relation with their concaved faces opposed and with the deflectors located relative to the troughs for directing the drippings into the troughs, flanges at each end of the respective troughs and deflectors and disposed in overlapping relation with each other and cooperating means at the overlapped ends for adjustably securing the trough and deflectors relative to each other.

2,062,815
GRAMOPHONE RECORD
Howard W. Matheson, Montreal, Quebec, Canada, assignor to Shawinigan Chemicals Limited, Montreal, Quebec, Canada
No Drawing. Application August 25, 1932, Serial No. 630,476. Renewed June 6, 1936
4 Claims. (Cl. 106—22)

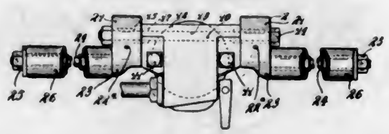
1. A gramophone record in which the recording surface comprises essentially a vinyl resin resulting from reacting an aldehyde with a partially hydrolyzed vinyl ester polymer.

2,062,816
VALVE MECHANISM
Henry H. Mercer, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application March 19, 1930, Serial No. 437,229
21 Claims. (Cl. 277—70)



1. A combined inlet and discharge valve means comprising concentrically arranged valve mechanisms, the outer valve mechanism including an outer valve seat member having annularly arranged flow passages therethrough and annular concentric valve seats respectively surrounding and lying to the inside of said annularly arranged flow passages, an annular plate valve adapted to cooperate with said seats, a valve guard for said valve, and a spring interposed between said valve and said guard, and said inner valve mechanism comprising flow passages formed in said guard and annular concentric valve seats respectively surrounding and lying to the inside of said passages, an annular plate valve for said last mentioned valve seats, a valve guard for said inner valve, a spring interposed between said inner valve and said inner guard, a central bolt for securing both of said guards together as a unit which is separable as a whole from the outer valve seat member, and means cooperating with said bolt and said outer valve seat member to hold said guard unit in fixed relation thereto.

2,062,817
ROCK DRILL
Warren Noble, Michigan City, Ind., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application November 27, 1934, Serial No. 755,010
15 Claims. (Cl. 121—36)

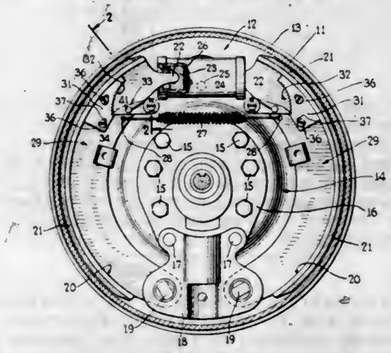


1. In a rock drill, a hammer motor, a supporting means therefor, and vibration reducing means between the hammer motor and said supporting means comprising relatively rotatable parts connected to the hammer motor and said supporting means respectively and rubber in torsional shear bonded between adjacent surfaces of said relatively rotatable parts.

2,062,818
MOLDING SAND
Roy E. Paine, Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application November 20, 1934, Serial No. 753,900
7 Claims. (Cl. 22—188)

1. A method of making castings of aluminum base alloys containing from about 4 to 15 per cent magnesium in green sand molds, comprising bringing ammonium fluoride in contact with the surface of the molten metal next to the mold walls.

2,062,819
BRAKE ADJUSTING DEVICE
Frank Perazzo, Brooklyn, and Gustave Johansson, New York, N. Y.
Application May 24, 1935, Serial No. 23,138
4 Claims. (Cl. 188—79.5)

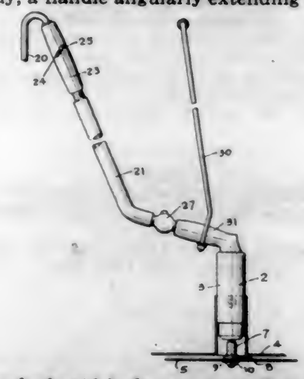


1. The combination with a rotatable brake drum and an oscillating brake shoe having a lining adapted for frictional engagement with said drum, of automatic adjusting means to compensate for wear of the brake, said adjusting means including an abutment member mounted upon said shoe and having an arcuate, serrated abutment face, a support upon which said oscillating brake shoe is mounted pivotally, a pawl mounted pivotally upon said support with its free end adapted to swing around in juxtaposition with said arcuate serrated face; said pawl having its axis of rotation eccentric to the radius of said arcuate serrated face so that as said pawl swings past said arcuate face it acts to prevent retrogressive movement of said abutment member and of the brake shoe on which it is mounted; and means tending to bias said pawl swingingly towards the nearer portion of said abutment; the clearance between the teeth of said serrated portion permitting the conventional clearance movement of said brake shoe away from the brake drum when said brake is out of braking action.

2,062,820
WEED CUTTER
Orbra C. Pierce, Waco, Tex., assignor of one-fifth to Gibb Gilchrist, one-fifth to J. B. Early, one-fifth to John L. Green, all of Travis County, Tex., and one-fifth to E. C. Woodward, McLennan County, Tex.
Application July 6, 1934, Serial No. 733,948
1 Claim. (Cl. 30—11)

A power-driven vegetation cutter of the type to be swung like a scythe in the cutting of vegetation close to the ground and in and about

fences, trees and the like, said cutter including a body portion, a motor disposed in said body, a shaft extending from the lower end of said body and connected to the motor, a cutter fixed to said shaft, a guard member above part of said cutter including an upstanding sleeve fixed to said body, a handle angularly extending from the



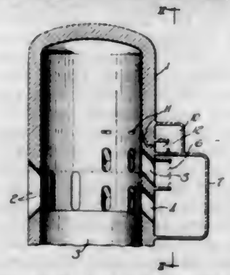
upper end of said body, an upwardly extending portion on said handle including a grip, an auxiliary handle clamped to the angular portion of said first handle and extending upwardly with a grip thereon, both of said grips being at an elevation so that they may be conveniently grasped by the operator to swing the cutter device against the vegetation.

2,062,821

SCAVENGING AND SUPPLY OF COMBUSTION AIR TO TWO-CYCLE ENGINES

Edward B. Pollister, St. Louis, Mo., assignor to Busch-Sulzer Bros.-Diesel Engine Company, St. Louis, Mo., a corporation of Missouri

Application September 4, 1931, Serial No. 561,130
9 Claims. (Cl. 123—65)



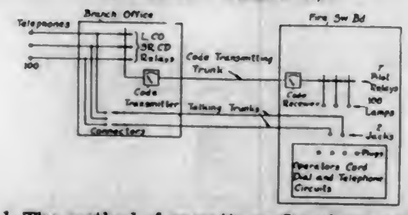
7. In a two-cycle internal combustion engine, the combination of an exhaust port, an air admission port located to be uncovered by the piston after the exhaust port is opened, a source of supply of low pressure air connected to said admission port, a second air admission port, located above the piston when the same is covering the exhaust port and in substantially the same angular position in the cylinder wall as the first mentioned air admission port, and a second source of air supply, of higher pressure, connected to said second port to supply scavenging air therethrough during the flow of low pressure air through the first mentioned air admission port, the second mentioned air admission port being of restricted cross-section so as to discharge a relatively small volume of air and so formed as to discharge the same towards the upper part of the cylinder.

2,062,822

SELECTIVE SIGNALING SYSTEM

Winfred T. Powell, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

Application February 4, 1933, Serial No. 655,216
26 Claims. (Cl. 179—5)



1. The method of operating a fire alarm system which consists in synchronously driving a common code transmitter and a common code receiver connected by a common trunk circuit by means of a first series of impulses, transmitting over said trunk circuit the identity of calling alarm stations to an operator's switchboard by means of a second series of impulses, and selectively establishing talking connections to said alarm stations from said switchboard over another trunk circuit common to said alarm stations.

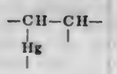
2,062,823

WEED KILLING COMPOSITIONS

Anderson W. Ralston and Carl W. Christensen, Chicago, Ill., assignors to Armour and Company, Chicago, Ill., a corporation of Illinois

No Drawing. Application November 29, 1935, Serial No. 52,275
14 Claims. (Cl. 167—45)

1. A weed killing composition comprising a mercurated fatty substance chosen from the group consisting of fatty acids and aliphatic esters thereof and containing as a part of the carbon chain in the alkyl radical of the fatty acid or the fatty acid radical of said ester, the linkage:

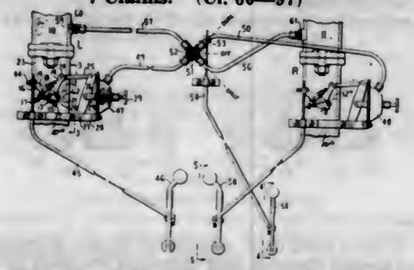


2,062,824

APPARATUS FOR CONTROLLING ENGINES

Edward A. Rockwell, Chicago, Ill., and Sherman M. Fairchild, New York, N. Y.

Application August 13, 1931, Serial No. 556,763
7 Claims. (Cl. 60—97)



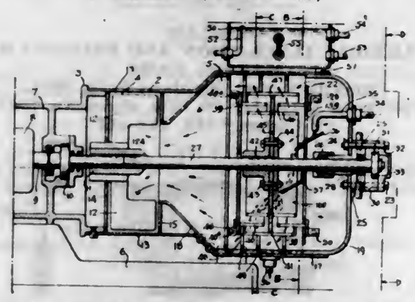
1. In an apparatus of the class described, in combination with an internal combustion engine having an intake manifold adapted to supply fuel to said engine to be burned therein, a valve therein adapted to control the admission of fuel to said engine throughout the normal working range thereof, a shaft for said valve projecting through the wall of said manifold, a control lever secured to the outer end of said shaft, means for moving said lever to turn said shaft including a diphragm responsive to the pressure within said manifold, a second lever carried on said shaft and free to turn thereon, and cooperating means on said levers whereby the movement of said first lever in both of its end positions, the range between which is adjustable, may be controlled by said last lever.

2,062,825

METHOD FOR FORMING COMBUSTIBLE MIXTURES

Oscar A. Ross, New York, N. Y.

Continuation of application Serial No. 80,000, January 8, 1926. This application July 22, 1931, Serial No. 552,528
5 Claims. (Cl. 261—90)



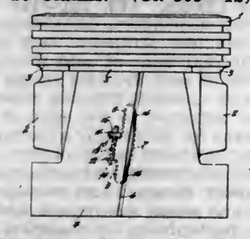
1. The method of producing fog combustible mixtures for supporting combustion which involves, simultaneously producing a current of air and producing a stream of non-readily volatile liquid fuel thereinto, the fuel stream being produced independently of the air current, mechanically beating the fuel in the stream until it is disintegrated into uniform size closely approximated liquid globules so small they become electro-statically suspended in the air of the air current and thereby form a fog combustible mixture, and utilizing the combustible mixture for supporting combustion.

2,062,826

PISTON SPREADER

Edward B. Rothweiler, St. Louis, Mo.

Application April 28, 1934, Serial No. 722,923
10 Claims. (Cl. 309—12)



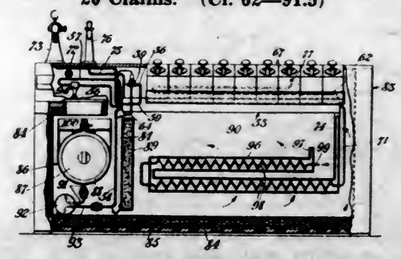
1. A piston spreader comprising a resilient metallic strip adapted to be placed at the inside of a piston having a slot, extensions integral with and extending laterally from the side edge of said strip adapted to extend into said slot in said piston, and means supported by said strip for inclining or twisting all of said extensions against both of the walls of said slot.

2,062,827

REFRIGERATING SYSTEM

Siegfried Ruppricht, New York, N. Y.

Application September 9, 1932, Serial No. 632,344
20 Claims. (Cl. 62—91.5)



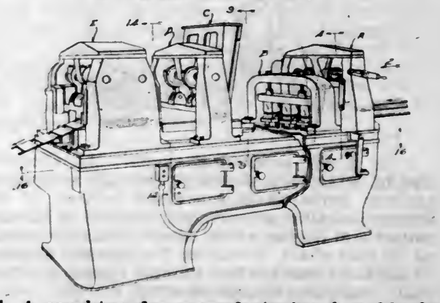
1. The method of using CO_2 which consists of confining solid CO_2, allowing the same to absorb heat and liquefy, expanding the liquid CO_2 in stages to obtain the maximum refrigerating effect therefrom, and by-passing a portion of the CO_2 between two of said stages for use in the production of carbonated water.

2,062,828

CRATE BUILDING MACHINE

Max C. Rutzen and Lloyd W. Pardee, Pontiac, and Alfred J. Stecker, Orchard Lake, Mich., assignors to Steel Bound Container Corporation, a corporation of Florida

Application October 28, 1931, Serial No. 571,618
5 Claims. (Cl. 1—12)



1. A machine for manufacturing box blanks from slats and bands, comprising a forming station; means at said forming station for forming fastening projections in said bands; a securing station; a hopper for slats; periodically operable means for extracting slats from said hopper and delivering said slats to said securing station; means at said securing station for securing said slats and bands together by means of said fastening projections; and intermittently operable moving means for engaging the secured slats to thereby move said bands and slats forwardly through said machine.

2,062,829

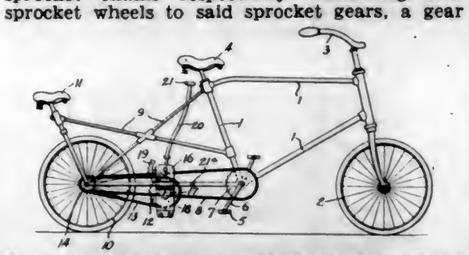
PROPELLENT EXERCISING DEVICE

Clément Antoine Alfred George Sabaeff, Montreal, Quebec, Canada

Application May 31, 1935, Serial No. 24,301
4 Claims. (Cl. 208—32)

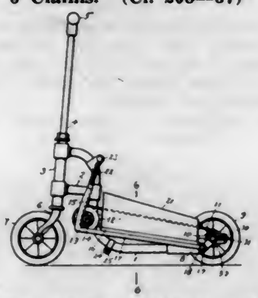
1. A propellent exercising apparatus, in combination with a main frame having a front wheel, handle bars, seat, sprocket wheel, crank-hangers and pedals, a rear frame rigidly connected to said main frame having a seat and a rear wheel, sprocket gears mounted upon said wheel, a shaft

suitably journalled upon said rear frame, a sprocket wheel fixedly mounted upon said shaft, sprocket chains respectively connecting said sprocket wheels to said sprocket gears, a gear



fixedly mounted upon said shaft, a quadrant gear co-acting wtih said gear, a lever rigidly mounted upon said quadrant-gear, and a cross-handle upon said lever.

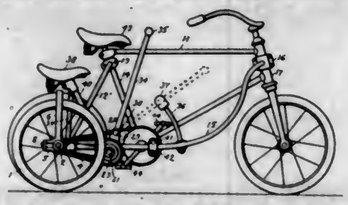
2,062,830
SELF-PROPELLING SCOOTER
Clément A. A. G. Sabaeff, New York, N. Y.
Application September 6, 1935, Serial No. 39,401
6 Claims. (Cl. 208—37)



1. In a self propelling scooter, the combination of a frame, a steering post with a wheel rotatively mounted in the front portion of said frame, a shaft transversely supported on the rear end of said frame, a rear wheel rotatively mounted on said shaft, a bearing transversely supported on the front portion of said frame, a driving shaft journaled in said bearing, driving connections between said driving shaft and said rear wheel, pinions on the ends of said driving shaft, free-wheeling clutches interposed between said pinions and said driving shaft, pedals on either side of said frame pivotally supported by their rear ends on the rear end of said frame, curved arcuate racks supported on the front ends of said pedals, the curvature of said racks being concentric with the pivots of said pedals, said racks being in mesh with said pinions, and means to raise one pedal while the other is being depressed.

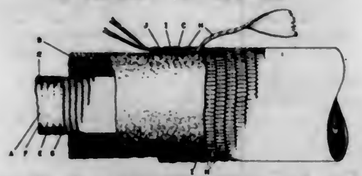
2,062,831
BICYCLE ATTACHMENT FOR EXERCISING
Clément A. A. G. Sabaeff, New York, N. Y.
Application September 6, 1935, Serial No. 39,402
6 Claims. (Cl. 208—45)

1. In a bicycle attachment for exercising, the combination of a frame, a wheel supported in said frame, the open ends of said frame being adapted to be removably attached to the frame members of an ordinary bicycle thereby forming a tricycle, a seat for a rider supported on said frame near said wheel, a foot rest on the lower portion of said frame, a shaft rotatively supported on the lower portion of said frame in a substantially parallel alignment with the shaft of said wheel, a driving connection between said shaft and said wheel, an arm pivotally supported on said



frame and adapted to be reciprocated by the hands of said rider, a geared connection between said arm and said shaft, and means to transmit the motive power from said arm to said wheel in one direction only.

2,062,832
FLEXIBLE INSULATION AND PROCESS OF MAKING SAME
Frank D. Saylor, Highland Park, Mich.
Application November 26, 1934, Serial No. 754,913
8 Claims. (Cl. 154—28)

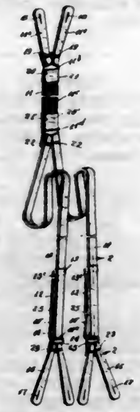


8. The method of manufacturing flexible composite tubing comprising weaving a tubular fabric with circular weft strands of twisted paper and cotton warp threads, impregnating said tubular fabric with asphaltum pitch, surrounding said tubular fabric with a relatively thick layer of insulating material weaving around said impregnated tubular fabric without internal support a jacket having circular weft threads of twisted paper and cotton warp threads, conducting the jacketed conduit through a bath of asphaltum pitch, drying the impregnated tubing and forming the tubing into coils.

2,062,833
SUSPENDERS
Hyman Schiller, New York, N. Y.
Application December 18, 1935, Serial No. 54,983
5 Claims. (Cl. 241—12)

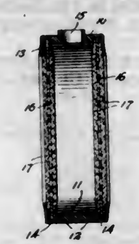
5. A pair of suspenders, comprising a pair of non-elastic shoulder straps, a back support attached to the rear ends of said shoulder straps, the front ends of said shoulder straps being bent backwards and upwards forming inner portions, elastic bands attached to the ends of said inner portions, means for adjustably attaching portions of said elastic bands on said shoulder straps, rollers arranged transversely within the bent portions of said shoulder straps, rings engaging through said rollers, and strips secured on said rings and formed with buttonholes for engaging buttons on the front portions of trousers, each of said rollers comprising an inner roller shell within an outer roller shell, resilient means between these shells urging them into a neutral position, and each of said rings being connected non-rotatively with the inner shell, said resilient means each comprising a spring coaxial on the inner shell and having its ends respectively attached to the inner

and outer shells, the non-rotative connection between the inner shell and the ring consisting of



squared portions upon a side of the ring engaging corresponding openings in the inner shell.

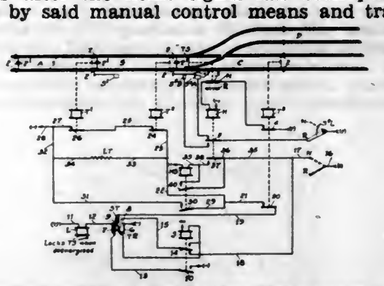
2,062,834
FILTERING DEVICE OR SEPARATOR FOR FILTER TYPE RESPIRATORS OR THE LIKE
Nathan Schwartz, New York, N. Y.
Application July 6, 1935, Serial No. 30,081
1 Claim. (Cl. 183—44)



A separator for filter type respirators including an annular elastic wall having inwardly directed annular flanges at its opposite ends and an intermediate boss defining a pair of spaced internal grooves with an air outlet between said grooves adapted for communication with the interior of a respirator and a filter element arranged in each groove, located respectively between the opposite sides of the boss and said flanges and removably retained in place by the grooved portions and the flanges to define within said wall between said filter elements an air chamber from which filtered air is drawn through the outlet into the respirator.

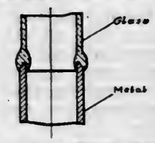
2,062,835
INTERLOCKING SYSTEM FOR RAILROADS
Bernard J. Schwendt, Lakewood, Edward N. Bousquet, Rocky River, and James A. Diffenbacher, Cleveland, Ohio
Application May 25, 1932, Serial No. 613,482
16 Claims. (Cl. 246—135)

1. In a railway interlocking system, in combination, a main line track having a turn out, a home signal, a track switch governing the turn out, manual control means for the signal, and thermally operated means for withholding control of the switch for various predetermined times after the home signal has been put to stop by said manual control means and traffic



controlled means for selecting the various predetermined times.

2,062,836
ANNEALING PROCESS
Howard Scott, Forest Hills, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 15, 1935, Serial No. 45,053
8 Claims. (Cl. 49—81)



1. A process for annealing glass-to-metal seals which consists in cooling the united materials from the fusing temperature to a temperature below the strain point of the glass, holding at that temperature for a time sufficient to release a major portion of the stresses in the sealed materials and then cooling at any convenient rate to atmospheric temperature.

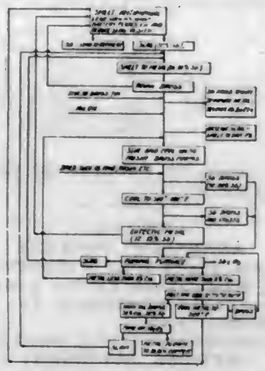
2,062,837
PROCESS OF PREPARING COLOR-STABLE FATTY ACIDS
Madison L. Sheely, Des Plaines, Ill., assignor to Armour and Company, Chicago, Ill., a corporation of Illinois
No Drawing. Application October 16, 1935, Serial No. 45,360
13 Claims. (Cl. 87—4)

1. In the process of distilling fatty acids from crude mixtures containing substantial amounts thereof together with color-forming bodies normally discoloring the distilled fatty acids, the steps which include subjecting the crude mixture, prior to distillation, to a heat treatment at a temperature ranging from about 150° C. upward but below the decomposition temperature of the fatty acids in the presence of hydrogen gas to render said color-forming bodies substantially less effective to discolor the distilled fatty acids, but without any substantial hydrogenation of the fatty acids in said mixture, and then distilling fatty acids of improved color stability from said heat-treated mixture.

2,062,838
ANTIMONY PROCESS
Ray C. Skow, Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y., a corporation of New Jersey
Application January 23, 1936, Serial No. 60,422
9 Claims. (Cl. 75—78)

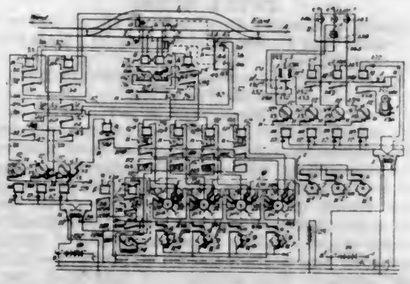
1. The process for treating antimonial lead which comprises softening same thereby obtain-

ing the antimony as a slag, smelting said slag to metal, concentrating the antimony in a dross, treating said dross in a fuming furnace thereby obtaining antimony oxide, a slag and antimonial lead metal, recycling the slag from the fuming furnace to the smelting operation of slag from the softening step, recycling the antimonial lead



metal from the fuming furnace to the antimony dross concentration step until the copper content of the said antimonial lead metal builds up to approximately 8% and thereafter cooling the antimonial lead metal to yield a high copper dross and reduce the copper content of the metal to below 8%.

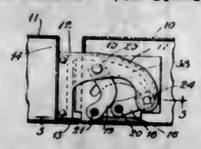
2,062,839
SELECTIVE CONTROLLING AND INDICATING APPARATUS
Clarence S. Snavely, Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Continuation of application Serial No. 181,057, April 5, 1927. This application November 7, 1931, Serial No. 573,593
45 Claims. (Cl. 246—3)



1. In combination, a movable device, a code key, a relay, means effective upon a change in the position of said device to energize said relay provided said key occupies its normal position, a motor, a clutch controlled by the relay for at times coupling the key with the motor, and means effective when said relay is energized for operating said motor provided said clutch is energized.

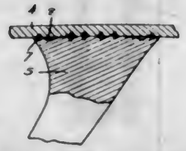
30. A system for controlling distant traffic controlling devices of a railway system comprising, two railway signals each when clear giving an indication conflicting with the indication of the other signal when clear, a stick relay for controlling each of said signals, code responsive means for controlling the pick-up circuits for said stick relays, and a stick circuit for each stick relay including a back contact of the other of said stick relays and also including a back contact of a third relay.

2,062,840
CONCEALED HINGE
Joseph Soss, Roselle, N. J.
Application December 7, 1935, Serial No. 53,354
16 Claims. (Cl. 16—164)



1. A concealed hinge comprising two butts, one of said butts comprising a housing portion and the other butt being in the form of a hook-shaped arm having top and bottom walls forming a hollow chamber on one surface of the arm and links pivotally supported in the housing butt part and partially arranged within the hollow chamber of said arm and pivotally coupled with the top and bottom walls of said arm for coupling said butts together.

2,062,841
WHEEL AND METHOD OF PRODUCING THE SAME
Rudolph Stefancky, Detroit, Mich., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich., a corporation of Delaware
Application March 21, 1932, Serial No. 600,282
2 Claims. (Cl. 301—104)

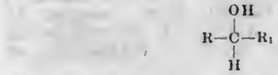


1. A wheel spoke adapted to be butt welded in a diagonal position to a hub and rim member, respectively, comprising, a rod having its ends flared out so as to form conical shaped end portions, the bases of said conical portions forming the ends of said spoke, said bases extending diagonally to each other and to the axis of the spoke with the diagonal base portions disposed tangent to the rim and hub member, respectively at the intersections therebetween, said bases being slightly convex and each having an integral annular ring extending therearound, for the purpose described.

2,062,842
SULPHATION PRODUCTS OF ALIPHATIC CARBINOLS AND A PROCESS OF PREPARING THEM
Adolf Steindorff and Hans Lange, Frankfort-on-the-Main-Hochst, and Karl Horst, Hofheim-on-Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application February 23, 1933, Serial No. 658,238. In Germany February 29, 1932
4 Claims. (Cl. 260—99.12)

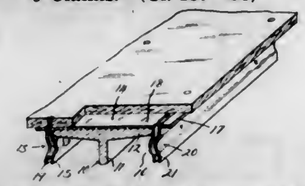
1. The process which comprises sulphating a

condensation product of the following general formula:



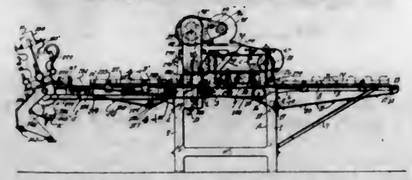
wherein R stands for a branched chain alkyl group of 4 to 6 carbon-atoms and R_1 stands for an alkyl group having at most 4 carbon-atoms, by means of a sulphation agent selected from the group consisting of sulphuric acid, chlorosulphonic acid, and sulphur trioxide at a temperature of about 0° C. to about 50° C.

2,062,843
STRUCTURAL ELEMENT
Carl A. Strand, Birmingham, Mich., assignor to Stran-Steel Corporation, Detroit, Mich., a corporation of Michigan
Application December 11, 1933, Serial No. 701,929
9 Claims. (Cl. 189—34)



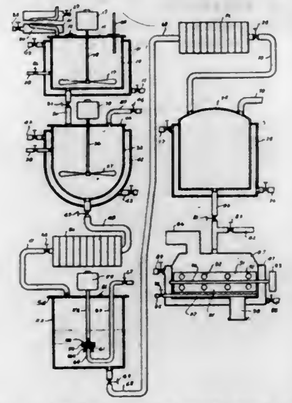
1. The combination with a structural element having a laterally extending flange, of an angle member having one of the portions thereof seated on the flange and having the other angularly extending portion projecting across the edge of the flange and transversely curved beyond the flange a second member having a portion complementary to the second named portion of the member aforesaid and cooperating with the latter to form a sinuous groove for receiving a fastener element, means for securing the two members together to form a unit, and means for securing said unit to the structural element.

2,062,844
BAKED-LOAF SLICING AND TRAYING MACHINE
Anthony B. Tewes, St. Louis, Mo., assignor to Papendick, Inc., St. Louis, Mo., a corporation of Missouri
Application January 4, 1932, Serial No. 584,656
31 Claims. (Cl. 146—153)



1. In a baked-loaf slicing machine, in combination, a feed-table for the loaves to be sliced, slicing means comprising a series of spaced blades, a pair of spaced registering endless carriers arranged respectively for travel in upper non-feeding and lower feeding runs above the plane of the table, a series of spaced members supported by and between the carriers for recurrent travel over the table on the feeding runs of the carriers for pushing the loaves successively to the slicing blades, means for guiding said members substantially to and upwardly away from the blades during travel of the carriers from their lower to their upper runs, and series of spaced teeth on said members for projection between the respective blades for propelling the slices therebetween.

2,062,845
PREPARED RESIN
Charles A. Thomas and William H. Carmody, Dayton, Ohio, assignors, by mesne assignments, to Monsanto Petroleum Chemicals, Inc., Dayton, Ohio, a corporation of Delaware
Application June 17, 1930, Serial No. 461,798
16 Claims. (Cl. 260—2)



6. In the manufacture of prepared resin, the method which comprises forming a resinous reaction product by polymerizing a mixture of unsaturated hydrocarbons comprising a fraction of cracked petroleum distillate, reducing the degree of unsaturation of the resin, while avoiding destructive hydrogenation such as to liquefy the resin by hydrogenating the resultant resinous reaction product in the presence of a hydrogenation catalyst, separating the catalyst from the hydrogenated material, and recovering the resultant resin from the separated material.

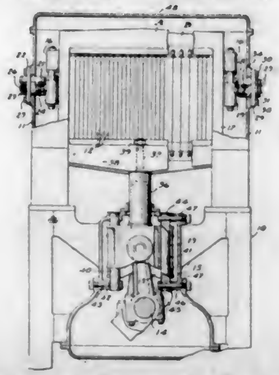
2,062,846
RADIO ANTENNA
William Mayo Venable, Pittsburgh, Pa., assignor to Blaw-Knox Company, Pittsburgh, Pa., a corporation of New Jersey
Application March 5, 1935, Serial No. 9,390
10 Claims. (Cl. 250—33)



1. A vertical antenna structure for broadcasting comprising a central supporting tower, a plurality of antenna wires surrounding said tower, said wires being electrically connected to

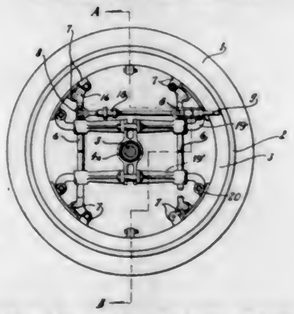
the tower at the lower extremities, the upper extremities of the wires being supported from the top of the tower but insulated therefrom.

2,062,847
SLICING MACHINE
Earl C. Vollmer, Rock Island, Ill., assignor to Micro-Westco, Inc., Bettendorf, Iowa, a corporation of Delaware
Application May 31, 1934, Serial No. 728,353
13 Claims. (Cl. 146—153)



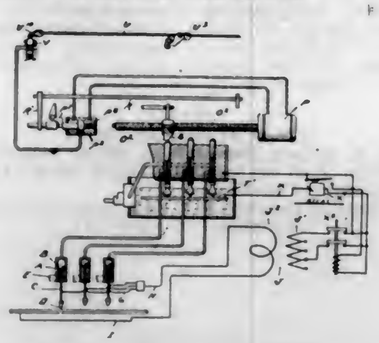
1. In a slicing machine, a pair of spaced side frames, a reciprocable blade carrying frame including cross pieces and connecting side pieces, guide bars spaced from and secured to said side pieces, apertured guide brackets slidably receiving said guide bars, one of said side frames having a journal and one of said guide brackets having an extending portion slidably mounted in said journal to permit free expansion of said blade carrying frame longitudinally of said cross pieces, said extending portion having a key element engaged with said journal to constrain said portion to longitudinal movement only, and means for reciprocating said blade carrying frame.

2,062,848
BRAKE FOR MOTOR VEHICLES
Clinton L. Walker, Piedmont, Calif.
Application May 15, 1931, Serial No. 537,737
12 Claims. (Cl. 188—72)



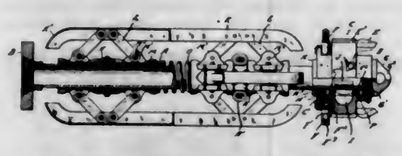
1. A brake for motor vehicles having a brake drum consisting of a cylindrical section with beveled edges in the form of frusta of similar cones with apices at a central point in the axis of rotation and having means for attachment to the vehicle wheel, and having brake shoes of similar form and apices at the same central point and said shoes having means for lateral movement under control of the operator.

2,062,849
ELECTRIC WELDING APPARATUS
Hans G. Warnke, Detroit, Mich., assignor to Multi-Hydromatic Welding & Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application November 12, 1934, Serial No. 752,725
12 Claims. (Cl. 219—4)



1. In a welding machine, the combination with a series of individually operable welding units, of a series of controls for the respective units, a traveler for operating said controls in sequence, means for varying the speed of movement of said traveler and a control for said speed varying means positionable in predetermined relation to a selected welding unit control to be operable simultaneously therewith by said traveler so as to alter the length of the welding operation of the corresponding welding unit.

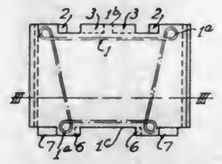
2,062,850
TURBINE SEWER CLEANER
Stuart M. Weaver and Robert E. Neis, Monroe, Mich.
Application August 9, 1933, Serial No. 684,460
5 Claims. (Cl. 15—104.30)



1. In a sewer cleaning tool, the combination with a hollow core member having ports therein and a water supply conduit connected thereto, of a turbine revolubly mounted on said hollow core member and provided with an inwardly opening channel communicating with said ports in said core member, and a break joint journal bearing on said core member for said revoluble turbine provided with vent means connecting with the break in the joint for escape of leakage water.

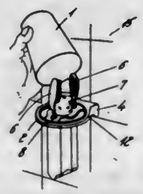
5. In a sewer cleaning tool, a carriage for the cleaning means comprising a core member, a plurality of runners extending longitudinally and on opposite sides thereof, links pivotally connected to the opposite end portions of each runner and pivotally and slidably connected to said core member, the links at opposite end portions being oppositely inclined and in an axial plane, resilient means actuating said slidable links to bias the runners outwardly, and stop means on said core to limit the travel of the slidable links and the outward movement of the runners.

2,062,851
SELF-LOCKING CONCRETE BLOCK
Edmund J. Wildermuth, Kirkwood, Mo.
Application June 5, 1933, Serial No. 674,360
1 Claim. (Cl. 72—6)



A building block of the character described comprising an arcuate body having lugs on and grooves in its upper and lower edges, the side walls of each of said grooves diverging inwardly and the side walls of the lugs also diverging inwardly in conformity with the side walls of said grooves, and a metallic frame embedded in said block and including upper and lower and side portions adjacent to the upper and lower and end walls of said block, said frame also including inner and outer portions adjacent to the inner and outer walls of said block and also including portions extending into certain of said lugs beyond the bottom walls of said grooves.

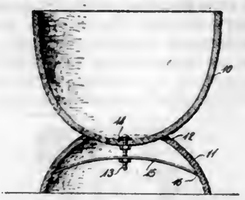
2,062,852
HOLDER FOR TOILET ARTICLES
Holger Winther, Copenhagen, Denmark, assignor to The Puro-Dent Co., a partnership between Nicolai Frederik Severin la Cour Siegfredt and Erik Schousboe Poulsen, Copenhagen, Denmark
Application August 28, 1935, Serial No. 38,201
In Denmark August 30, 1934
1 Claim. (Cl. 312—112.5)



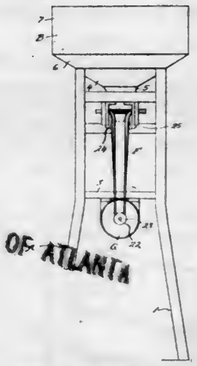
A holder for toilet articles, comprising a bracket, a horizontally disposed annular carrier member connected therewith, an inwardly sloping surface on the upper side of the carrier provided with draining holes leading to the interior of the carrier member, an upwardly projecting flange along the inner edge of the carrier member for engaging the edge of a removable tumbler, a perforated bridge plate transversely disposed across the carrier member, an upwardly open holder body depending from the said bridge plate that is so formed as to allow for open spaces at either side thereof for air circulation within the tumbler when invertedly disposed upon the carrier member, and within the holder body.

2,062,853
METHOD OF TREATING COCOANUT SHELL
Percy Talmage Wright, Clarendon, Va.
Application October 8, 1934, Serial No. 747,479
3 Claims. (Cl. 144—309)

1. The method of treating cocoanut shell as a material of manufacture which comprises removing the meat, and slowly drying the shell over a period of weeks by gradually changing the moisture conditions within the body of the shell until atmospheric condition is attained.



2,062,854
FEEDER MECHANISM
George F. Yager and Oliver J. Heath, Toledo, Ohio, assignors to The Bunting Brass and Bronze Company, Toledo, Ohio, a corporation of Ohio
Application October 5, 1931, Serial No. 567,106
19 Claims. (Cl. 221—134)



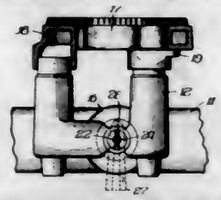
GEORGIA LIBRARY OF ATLANTA

1. In a machine of the class described, a frame, a funnel-shaped member carried by the frame and adapted to receive cylindrical objects constituting the work, a delivery chute arranged to receive the work from the funnel-shaped member, means for effecting a transfer of the objects endwise from the member to the chute, including an agitator mounted for rotary movement in the funnel-shaped member, and means wholly below the conical portion of the funnel-shaped member for rotating said agitator, including an electric motor rigid with the frame and having a drive shaft provided with a pulley, a pulley rotatably mounted upon the funnel-shaped member and rigidly secured to the agitator at the lower end thereof, and a driving connection between said motor and agitator including an endless belt trained about the pulleys aforesaid.

2,062,855
STOVE CONSTRUCTION
Anton J. Yeager, Wisconsin Rapids, Wis., assignor to Prentiss Wabers Products Co., Wisconsin Rapids, Wis., a corporation of Wisconsin
Application September 17, 1934, Serial No. 744,317
1 Claim. (Cl. 158—105)

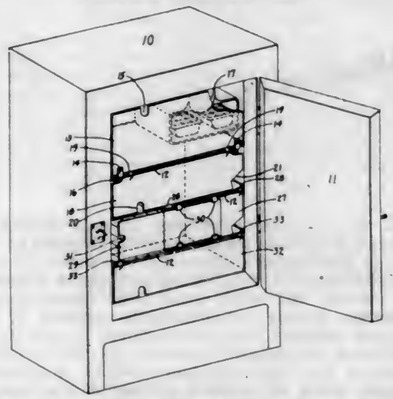
In combination with a gaseous fuel manifold having a port therein, a pair of adjacently located burner sections, a member connecting the manifold and burner sections, said member having a

pair of spaced passages therein to lead fuel from the manifold to the burner sections, said passages terminating in a flat wall of the connecting member, said wall covering the port in the manifold, a valve disc located against said wall, said valve disc serving by rotation to selectively open and close said passages, a rotatable valve stem secured to the valve disc and supported in and extending



through the connecting member, spring means carried by the valve stem externally of the connecting member and bearing against said member to maintain the valve disc against the inner wall of said member, and actuating means secured to the outer portion of said valve stem, the connecting member and valve mechanism being removable from the manifold as a unit.

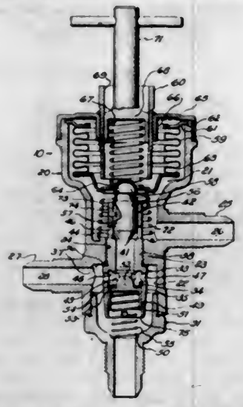
2,062,856
REFRIGERATING CABINET
John William Armbruster, East Rockaway, N. Y.
Application July 5, 1933, Serial No. 679,021
4 Claims. (Cl. 312—189)



1. In a refrigerating cabinet, a wire shelf, a shutter pivoted on the front wire of said shelf by hooks, said hooks being shaped with a constricted portion to grasp said front wire and hold the shutter in adjusted position, said wire being cut away at certain points to relieve the hooks and prevent the shutter from being held in certain positions.

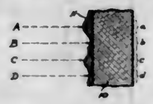
2,062,857
REFRIGERANT CONTROL DEVICE
Joseph Askin, Buffalo, N. Y., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y.
Application March 1, 1934, Serial No. 713,578
7 Claims. (Cl. 137—153)

1. A pressure control valve comprising, a valve seat therein, a valve for said seat, fluid inlet and outlet passages disposed on opposite sides of the seat, a bellows in said housing secured to said valve, a passage connecting said fluid inlet with the housing containing said bellows, whereby said bellows is responsive to pressure variations in said inlet to operate said valve, a valve seat in the outlet passage, an impervious check valve thereon, said passage being formed with a chamber surrounding said check valve and its seat,



resilient means for urging said check valve towards its seat, and a branch connection connecting with said chamber, whereby flow through said branch connection will pass directly to said outlet and exert a balanced pressure on said check valve.

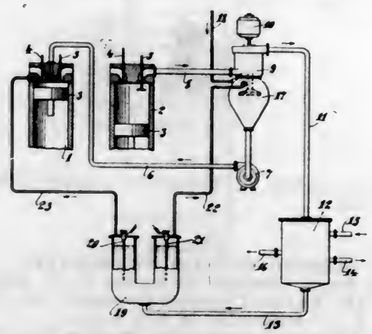
2,062,858
METHOD OF FORMING A SCREEN ON MATERIAL
John C. Batchelor, Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application August 27, 1930, Serial No. 478,048
14 Claims. (Cl. 250—27.5)



3. In the art of cathode ray tube construction, the method of applying to structure forming part of the tube a fluorescent and electrically conductive screen, said method comprising mixing relatively small particles of fluorescent material with relatively small particles of electrically conductive material, the electrically conductive particles being smaller than the fluorescent particles, placing such mixture in suspension in a liquor, applying the liquor and said particles suspended therein to said structure and allowing said particles to settle out of suspension in said liquor into adherence with said structure to form said screen.

2,062,859
SUPERCHARGING MECHANISM
William Spencer Bowen, Westfield, N. J.
Application June 22, 1934, Serial No. 731,891
3 Claims. (Cl. 123—1)

1. A fuel charging device for an internal combustion engine comprising means to supply fuel thereto, means to condense the water vapor in the engine exhaust, electrolytic means to decompose the condensed water vapor, means to introduce the oxygen resulting from the decomposition into the air supplied to the engine, and means to mix the hydrogen resulting from the



decomposition with the fuel prior to the introduction thereof into the engine.

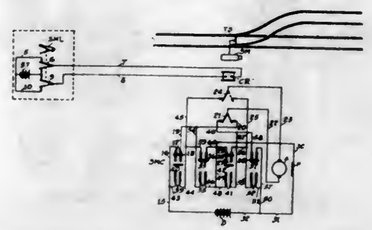
2,062,860
MUD GUN
Edgar E. Brosius, Pittsburgh, Pa.
Application June 9, 1934, Serial No. 729,853
1 Claim. (Cl. 266—42)



A self-contained mud gun comprising a mud barrel unit having a discharge spout at one end and open at its opposite end, a piston in said barrel, and a piston operating unit comprising a rigid bracket member attached to the rear of said barrel, a cylinder having its forward end rigidly secured in said bracket and positioned in central alignment with the longitudinal axis of the barrel, a piston in the cylinder, a rod connecting the piston in the cylinder and the one in the barrel, a pump having a shaft, a motor unit having a shaft connected to the pump shaft and carried above the cylinder, the pump shaft and the motor shaft being substantially parallel with the piston rod, fluid connections between the opposite ends of the cylinder and the pump including a reservoir above the cylinder and below the pump, the pump and motor unit being selectively operable to deliver fluid under pressure to either end of the cylinder.

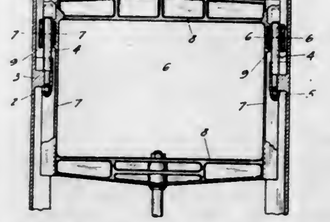
2,062,861
TRAFFIC CONTROLLING SYSTEM FOR RAILROADS
Charles S. Bushnell, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.
Application January 9, 1932, Serial No. 585,726
13 Claims. (Cl. 246—242)

1. In combination, an electric motor, motor contacts capable of assuming normal, reverse and mid-operation positions, a device having control contacts capable of assuming only normal and reverse circuit closing positions, normal and reverse snubbing circuits closed when said motor contacts are operated into correspondence with said control contacts in normal and reverse positions respectively, a normal operating circuit for said motor closed with said control contacts in normal positions out of correspondence with said motor contacts in reverse or mid-operation positions, and a reverse operating circuit for said motor closed with said control contacts in reverse



positions out of correspondence with said motor contacts in normal or mid-operation positions, whereby said motor may be operated in normal or reverse directions and reversed at any time during operation, and whereby said motor is dynamically snubbed at the end of each operation.

2,062,862
GUIDE FOR BLADE FRAMES OF SLICING MACHINES
Gordon J. Calame, Bettendorf, Iowa, assignor to Micro-Westco, Incorporated, Bettendorf, Iowa, a corporation of Delaware
Application February 16, 1935, Serial No. 6,827
19 Claims. (Cl. 308—3)

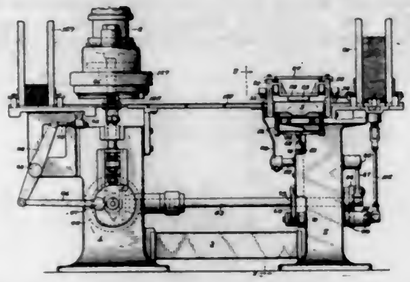


1. In a slicing machine, a blade holding and reciprocating frame, a pair of frame members to laterally support and guide said frame, said frame and frame members having cooperating guiding means for guiding the frame in its reciprocation with relation to the frame members, said guiding means comprising guide pins and guide bushings, carried by the frame and frame members, the bushings being mounted for limited rotary movement in a direction transverse to the plane of the blade frame whereby they may adjust themselves into axial alignment with the guide pins.

2,062,863
COMPOUND APPLYING MACHINE
William Cameron, Chicago, Ill., assignor to Cameron Can Machinery Co., Chicago, Ill., a corporation of Illinois
Application October 7, 1933, Serial No. 692,707
Renewed June 22, 1935
15 Claims. (Cl. 113—80)

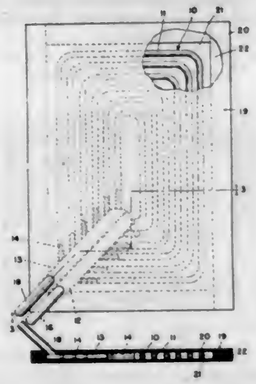
5. In a compound applying machine, means for feeding can ends in a horizontal path, a compound tank at one side of said path, a transfer die and means for reciprocating it horizontally from above said path to above said tank, an

applicator immersible in said tank vertically reciprocable for applying compound to said die,



and means for raising can end flanges into contact with the compound deposited on said die.

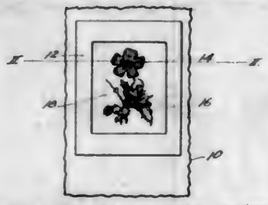
2,062,864
HEATING SYSTEM FOR VEHICLE BODIES
Samuel C. Clark and Harry M. Pryale, Pontiac, Mich.
Application September 30, 1935, Serial No. 42,961
3 Claims. (Cl. 257—158)



1. In a heating system for vehicle bodies, a heat exchange unit comprising a flexible mat for the flooring of the body having a recess therein, an intake manifold housed within the recess and having a series of nipples projecting laterally therefrom into the recess, an exhaust manifold positioned within the recess adjacent the intake manifold and also having a series of nipples extending laterally therefrom, and flexible tubing housed within the recess having the intake ends secured to the nipples on the intake manifold and having the opposite ends secured to the nipples on the exhaust manifold.

2,062,865
METHOD OF COLORING STONE
Clarence E. Cleveland, Salina, Kans.
Application February 12, 1934, Serial No. 710,853
3 Claims. (Cl. 41—39)

3. The method of producing colored designs in the surface portion of a solid body, consisting in separately blasting different colored pigments into said body to cause a blending and fusing of said pigments, then covering said colored design



with a coating of transparent water-proofing material.

2,062,866
MAKING SODIUM PHOSPHATES
John Harry Coleman, Elizabeth, N. J., assignor to The Warner Chemical Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application October 19, 1933, Serial No. 694,343
15 Claims. (Cl. 23—107)

1. As a new article of manufacture, a liquid preparation of disodium phosphate consisting of a purified aqueous solution of disodium phosphate substantially free of sulfate and of fluosilicate and containing less than 60 per cent water and a minor proportion of monosodium phosphate in amount sufficient to hold the crystallizing point of the liquid below 115° F.

7. In the production of alkaline sodium phosphates from natural calcium phosphates by extraction of phosphoric acid in aqueous solution followed by neutralization, with an intermediate purification by crystallization and re-solution of monosodium phosphate, the process improvement which comprises neutralizing from 60 to 85 per cent of the monosodium phosphate in the solution with sodium carbonate to disodium phosphate, and adjusting the concentration of the solution to produce a substantially pure phosphate solution having a water content less than 60 per cent.

2,062,867
CANDY DECORATING METHOD
Horace B. Cosler, Evanston, Ill., assignor to National Candy Company, Inc., St. Louis, Mo., a corporation of New Jersey
Application August 28, 1933, Serial No. 687,164
3 Claims. (Cl. 107—54)

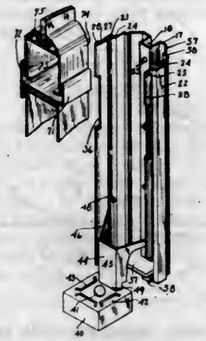


1. A method of decorating candies comprising grossing the candies and while the surfaces thereof are still somewhat moist and sticky and still being tumbled in a pan delivering on to the tumbling mass a quantity of thin edible decorations and continuing the tumbling until all of the candies have acquired some of the decorations flatly adhering to their exteriors.

2,062,868
PARTITION
Axel G. Dawson, Jamestown, N. Y., assignor to Dahlstrom Metallic Door Company, Jamestown, N. Y., a corporation of New York
Application February 3, 1933, Serial No. 655,047
3 Claims. (Cl. 189—34)

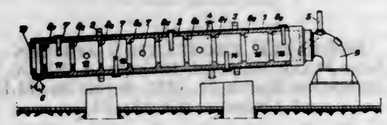
1. In partition construction, panel units, upright members defining the vertical limits of said

units, flanges forming longitudinally extending pockets in the sides of each of said members, said



flanges being slotted to receive tie straps for interlocking adjacent of said members in spaced relationship.

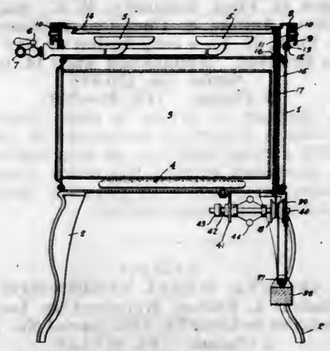
2,062,869
METHOD OF CONDUCTING CHEMICAL AND METALLURGICAL OPERATIONS IN A ROTARY FURNACE
Carl Paul Debuch and Ernst Markworth, Frankfort-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y., a corporation of New York
Application September 11, 1934, Serial No. 743,511
In Germany May 19, 1934
9 Claims. (Cl. 75—7)



1. A method of treating ores in a rotary tubular furnace which comprises establishing a flow of ore through said furnace, restricting said flow of ore at points within definite sections of the furnace in such way that different quantities of ore will accumulate in said sections of the furnace, whereby the amount of ore converted by the reaction and the temperature of reaction will be substantially the same in each section; maintaining a total charge in the furnace at any time during its operation of not less than one half of the quantity of ore flowing through and treated by the furnace in twenty four hours, and individually controlling admission of the reaction gases to each section of the furnace.

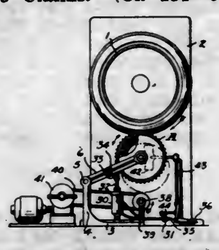
2,062,870
ROTATABLE TOP STOVE
Clement Ehret, White Plains, N. Y.
Original application September 8, 1933, Serial No. 688,575. Divided and this application February 26, 1935, Serial No. 8,238
3 Claims. (Cl. 126—39)

1. A stove comprising a stove body, a rotatable top portion, antifriction means for rotatably mounting said rotatable top portion on the stove body, a relatively fixed cable guide, a cable connected with the rotatable top portion and passing over the guide, a weight imposed on said cable beyond the guide to normally maintain the rotatable top in a definite position of rest and to permit the rotatable top portion to be rotated away from said position of rest, but operable to



return the rotatable top portion to said position of rest when the latter is released.

2,062,871
STITCHING APPARATUS
Max L. Engler, Akron, Ohio, assignor to The General Tire & Rubber Company, Akron, Ohio, a corporation of Ohio
Application October 31, 1935, Serial No. 47,576
9 Claims. (Cl. 154—9)



1. A stitching wheel comprising a rotatable member, a plurality of radial stock engaging elements mounted on said member for sliding movement radially of said member and having their radially outermost ends normally projecting radially beyond the periphery of said member, and resilient means urging said elements toward their normal projecting position.

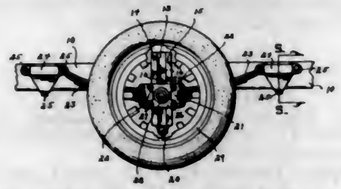
2,062,872
TREATMENT OF HYDROCARBONS
Seymour W. Ferris, Aldan, Pa., assignor to The Atlantic Refining Company, Philadelphia, Pa., a corporation of Pennsylvania
No Drawing. Application March 30, 1933, Serial No. 663,552
9 Claims. (Cl. 196—13)

1. The process for separating mineral oils containing liquid paraffinic and naphthenic hydrocarbons into fractions which comprises bringing the oil into contact with a solvent from the group of halogenated oxygen containing aliphatic compound consisting of ethyl chloracetate, chloracetone, and dibrom propyl alcohol, thereby to effect solution of a portion of the oil richer in naphthenic hydrocarbons in the said solvent, separating the solution so formed from the remainder of the oil, and distilling the solvent from both of the portions of the oil, thereby to obtain fractions of the oil respectively richer in liquid paraffinic and naphthenic hydrocarbons.

2,062,873
DIAZO COMPOSITION
Lawrence H. Flett, Hamburg, N. Y., assignor to National Aniline & Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application April 14, 1934, Serial No. 720,572
8 Claims. (Cl. 23—250)

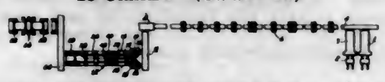
1. A method of drying a diazo composition comprising a diazonium compound in combination with a metal halide or an aryl sulfonic acid which comprises mixing the diazo composition containing moisture with partially dehydrated crystallized magnesium sulfate.

2,062,874
VEHICLE WHEEL SUSPENSION
Robert L. Fulton, Webster City, Iowa
Application October 22, 1934, Serial No. 749,420
3 Claims. (Cl. 267—19)



1. In combination with a load object, a member secured to said load object, flanges on said member, a movable member, ear members on said movable member embracing said flanges, a leaf spring secured to said movable member and in engagement with said load object, a detachable plate rigidly secured to said movable member, and a surface engaging wheel rotatably mounted to said plate.

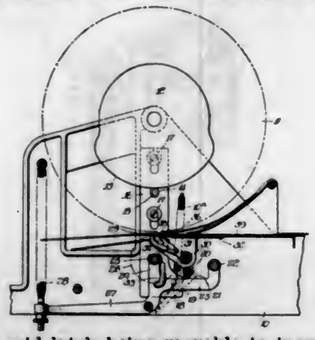
2,062,875
METHOD OF AND APPARATUS FOR MAKING SHEET METAL
Kirtland C. Gardner, Coraopolis, Pa., assignor to United Engineering & Foundry Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application May 13, 1935, Serial No. 21,089
15 Claims. (Cl. 29—18)



8. The method of making wide strip metal of very even thickness across its width, comprising hot rolling relatively narrow strips of metal to rough form, butt-welding a plurality of the strips side to side to form a relatively wide composite strip, and then cold rolling the composite strip to the desired size.

2,062,876
DUPLICATOR
Meredith R. Gerrmann, Chicago, Ill., assignor to Henry Hildebrandt, Chicago, Ill.
Application November 29, 1935, Serial No. 52,059
3 Claims. (Cl. 101—118)

1. In combination, a cylinder, a pressure roller, means for effecting the advancing and retracting of the roller in timed relation to the rotation of the cylinder, a stop finger located at the point of contact of the cylinder and roller, means for automatically retracting the stop in timed relation, a latch located immediately in front of said stop, said latch normally preventing advancement of the roller, a part of said latch projecting into the path of a sheet of paper as it is being

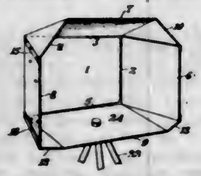


fed and said latch being movable to inoperative position solely by said paper.

2,062,877
WOOD TREATMENT AND PRODUCT
Joseph L. Goodale, Ipswich, Mass.
No Drawing. Application March 15, 1935, Serial No. 11,317
8 Claims. (Cl. 21—38)

1. The method of treating wood which comprises introducing a colloidal dispersion of arsenic sulfide in the presence of a protective colloid into the wood, the tannin in the wood acting upon the protective colloid to cause agglomeration of the colloidal particles whereby arsenic sulfide is deposited in intercellular spaces of the wood.

2,062,878
PORTABLE PROJECTION SCREEN
Victor Frank Hammel, Richmond Hill, N. Y.
Application March 27, 1935, Serial No. 13,196
2 Claims. (Cl. 88—24)

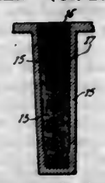


1. A combination portable motion picture projection screen and collapsible shading hood integral therewith for adapting said screen to daylight picture display, comprising: a stiff, opaque screen for receiving said image; stiff, opaque shading flaps hinged to and embracing the perimeter of said screen and including top, bottom and side shading flaps; flexible edged, opaque insert flaps hinged to the lateral edges of an opposite pair of said shading flaps at the top and bottom of said screen; said flaps being swingable to dispose the flexible edges of said insert flaps in overlapping relation to the contiguous shading flaps thereby to provide a boxlike structure with said screen at the rear and opaque protection walls shading the screen from all sides; and means including the flexible edges of said insert flaps for attaching said insert flaps to the contiguous shading flaps in a plurality of degrees of overlapping relation thereby to vary the angular inclinations of said shading flaps relative to said screen; the insert flaps at the bottom of said screen being sufficiently flexible to conform to a flat supporting surface; and the insert flaps at the top of said screen being sufficiently stiff as in cooperation with the contiguous side shading flaps to support said top shading flap at said angular inclinations relative to said screen.

2,062,879
BUILDING PLATE
Alphonse Hammenecker, Mariekerke, Belgium, assignor to The Ruberoid Co., New York, N. Y., a corporation of New York
No Drawing. Application June 22, 1933, Serial No. 677,083. In Belgium June 29, 1932
2 Claims. (Cl. 106—24)

1. A building plate comprising about 25% asbestos fibre and about 30 to 40%, each, of lime and of active silica.

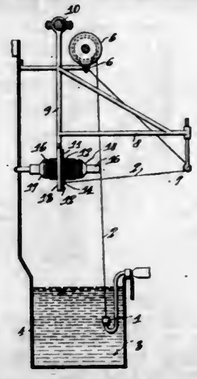
2,062,880
METHOD OF MANUFACTURING TWO-COLORED ARTICLES
Svend Hansen, Long Island City, N. Y., assignor to Marblette Corporation, Long Island City, N. Y., a corporation of New York
Application March 8, 1933, Serial No. 660,005
1 Claim. (Cl. 18—59)



The process of manufacturing a two-colored article of manufacture such as a knife handle consisting in partly filling a mould with a molten substance of one color, permitting said substance to harden and removing the hardened substance from the mould, shaping the upper periphery of said hardened substance by means of a tool into any desired form, replacing said shaped hardened substance at the bottom of another mould identical to the first mould with the upper portion at the top, then filling said second mould above said hardened substance with a similar molten substance of a different color and permitting the latter to harden, the peripheral borderline between said hardened substances forming an outline following the said form, the two-colored handle being then removed from the second mould.

2,062,881
APPARATUS FOR THE WINDING OF FILAMENTS
Gustav Anton Maria Heim, Arnhem, Netherlands, assignor to North American Rayon Corporation, New York, N. Y., a corporation of Delaware
Application January 12, 1934, Serial No. 706,381
In Germany January 24, 1933
6 Claims. (Cl. 18—8)

1. In a machine for spinning filaments of artificial origin, the combination of a spinnerette for extruding the filaments, a coagulating bath through which the filaments pass, a driven roller for drawing the filaments, a rotatable spool for collecting the filaments, a thread guide carrier, and a thread guide mounted on said carrier for distributing thread on said spool, means for oscillating said carrier and thread guide, said thread guide comprising a means adapted to impart a twist to the filaments as they are distributed on the spool, and a guiding means mounted on said carrier and positioned intermediate said twisting means and said drawing



roller and bearing an approximately constant relationship to both during the oscillation of said carrier.

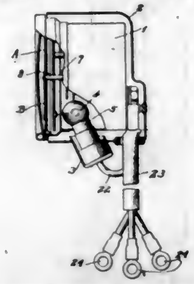
2,062,882
ELECTRICAL CONNECTER
Walter A. Heinrich, St. Louis, Mo., assignor to James R. Kearney Corporation, St. Louis, Mo., a corporation of Missouri
Application May 10, 1934, Serial No. 724,863
6 Claims. (Cl. 173—263)

1. In an electrical connecter, a threaded body member having laterally spaced shank portions, one of said shank portions having an extension projecting a substantial distance beyond the end of the other, a nut normally threaded on the body member, adapted to be carried by said extension when free of the body member and resilient means on said extension adapted to retard free longitudinal movement of said nut along said extension.

2,062,883
ILLUMINATED INSTRUMENT DIAL
John W. Hobbs, Chicago, Ill., assignor to George W. Borg Corporation, Chicago, Ill., a corporation of Illinois
Application October 22, 1934, Serial No. 749,348
4 Claims. (Cl. 240—2.1)

1. A casing, a light source comprising an electric bulb in said casing, a dial in said casing and having its peripheral edge in spaced relation to the adjacent wall of the casing to define a slot around said dial for the passage of light past said edge, said dial being positioned in front of said bulb and in spaced relation thereto, a reflecting member positioned between said dial and said bulb, said reflecting member having

rearwardly converging sides with the apex of the reflector in spaced opposed relation to said bulb, and being adapted to reflect light in a vertical direction towards the periphery of said



dial, and reflecting means disposed about and in spaced relation to the peripheral edge of said dial to direct light from said reflecting member to the front face of said dial.

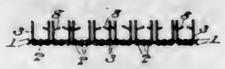
2,062,884

METHOD OF PRODUCING PILE FABRIC

Arthur G. Holland, Bridgeport, Conn., assignor to Sidney Blumenthal & Co. Inc., New York, N. Y., a corporation of New York

Application February 8, 1935, Serial No. 5,588

4 Claims. (Cl. 139—391)



1. The method of making a pile fabric which includes, providing a fabric having a cut cellophane pile and passing said fabric beneath a roll having high and low surface areas, whereby irregularly distributed individual piles are bent over toward parallelism with the plane of the fabric.

2,062,885

RUBBER COMPOSITION AND PRESERVATION OF RUBBER

Joseph R. Ingram, Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware

No Drawing. Application October 28, 1933, Serial No. 695,720

8 Claims. (Cl. 18—50)

1. The method of preserving rubber which comprises treating rubber with a reaction product obtainable by reacting para amino diphenyl with acetone.

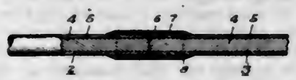
2,062,886

JOINT AND METHOD OF MAKING THE SAME

Claude H. Jensen, Pittsburgh, Pa., assignor to Copperweld Steel Company, Glassport, Pa., a corporation of Pennsylvania

Application December 4, 1933, Serial No. 700,791

11 Claims. (Cl. 29—148)



8. The method of joining metallic elements, which comprises welding said elements together at their ends, surrounding the adjacent end portions of said elements and the joint therebetween with a metallic covering, and soldering the covering to said elements.

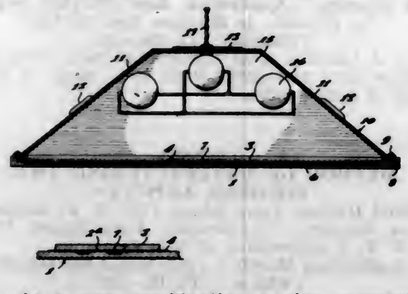
2,062,887

ADVERTISING SIGN

Clarence E. Karst, Cincinnati, Ohio, assignor to The Brunhoff Manufacturing Company, Cincinnati, Ohio, a corporation of Ohio

Application September 17, 1935, Serial No. 40,945

3 Claims. (Cl. 40—132)



1. As a new combination a sign composite adapted for use in conjunction with a shadow box, said composite comprising a front glass into which on the rearward side thereof deep etched configurations concave in cross section and crystalline in surface are provided, said front glass rendered opaque in the non design areas, a color transparency disposed behind said plate, and a frosted transparent medium behind said color transparency adapted to diffuse light in its passage therethrough, the said composite sustained in its mounted relationship by a suitable frame for engagement with a shadow box.

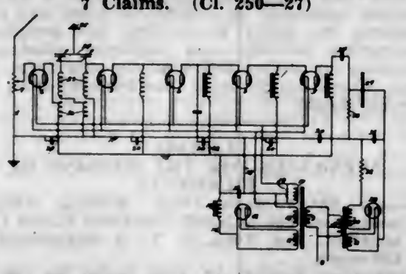
2,062,888

RADIO RECEIVER

Earl L. Koch, Chicago, Ill., assignor, by mesne assignments, to Radio Patents Corporation, New York, N. Y., a corporation of New York

Application April 16, 1931, Serial No. 530,555

7 Claims. (Cl. 250—27)



1. A radio receiver comprising amplifier tubes and a detector tube, each of said tubes comprising an electrically heated cathode a plate and an external grid, means for heating the cathodes of all the tubes and maintaining them at a common potential, including said detector tube, with alternating current, a conductor connecting the plate of some of said tubes directly to the grid of a following tube, and a load impedance between said conductor and a source of direct current for maintaining said plate and said grid at the same potential and polarity relative to the respective cathodes.

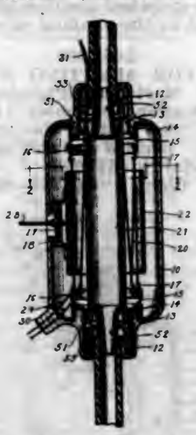
2,062,889

THERMIONIC TUBE

Earl L. Koch, Chicago, Ill., assignor, by mesne assignments, to Radio Patents Corporation, New York, N. Y., a corporation of New York

Original application March 21, 1931, Serial No. 524,254. Divided and this application July 3, 1934, Serial No. 733,547

3 Claims. (Cl. 250—27.5)



1. A thermionic tube comprising, a cathode having a zig-zag filament formed into an annular cage, a metallic water tube within and parallel to said cage and forming an anode, said metallic tube having straight extensions the ends of which form knife edges, a metallic sleeve surrounding and closely adjacent to said cage and constituting a control element and a glass envelope sealed to said knife edges and forming, together with the metallic tube, a sealed enclosure for the cathode and the control element through which a cooling fluid may pass in a straight line.

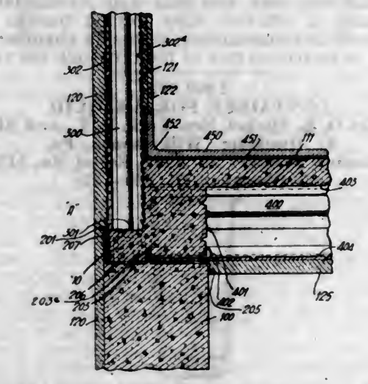
2,062,890

BUILDING CONSTRUCTION

Guy F. Kotrbaty, New York, N. Y., assignor to Ferrocon Corporation, Bryn Mawr, Pa., a corporation of Delaware

Application December 20, 1934, Serial No. 758,346

11 Claims. (Cl. 72—1)



1. A joint for building constructions more particularly adapted for basement and wall footing joints, comprising, in combination, a basement wall construction, a structural starting member on the basement wall and including an edge portion adapted to engage the basement wall and be aligned thereby and the other edge forming aligning and receiving means for vertically disposed wall units, vertical wall units and horizontal floor units superposed on the starting member, and a common cementitious bond joining the said basement wall, vertical wall units and floor units.

2,062,891

WATCHCASE

Harry Kousin, New York, N. Y., assignor to Rose Kousin, New York, N. Y.

Application December 30, 1935, Serial No. 56,651

4 Claims. (Cl. 58—88)



1. In a watch case, the combination of an inner member adapted to be fitted on the outer edge of a watch movement and having an inwardly extending flange in front of the movement, said flange being provided with a groove for a crystal, the outer front edge of the inner member having a recess and a shoulder, and an outer member fitting by its inner edge into said recess and being ornamentally finished on its front surface.

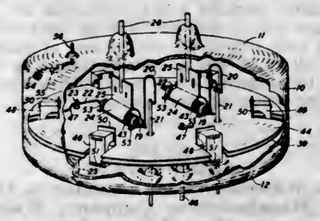
2,062,892

ELECTRON DISCHARGE DEVICE

Joseph P. Laico, Brooklyn, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application December 29, 1934, Serial No. 759,683

8 Claims. (Cl. 250—27.5)



1. An electrode assembly for electron discharge devices, comprising a plurality of spaced discs, an electrode carried by one of said discs, another electrode in juxtaposition to said first electrode, and means supporting said second electrode from another of said discs and separate from said one disc, said means being laterally adjustable to align said another electrode with said first electrode.

2,062,893

APPARATUS FOR WAVING HAIR

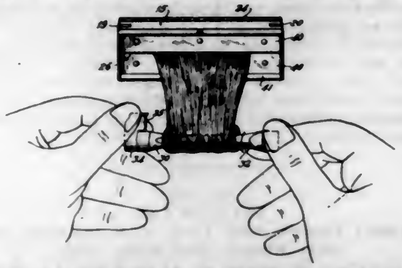
Daniel Lakenbach, Valley Cottage, N. Y.

Original application December 14, 1932, Serial No. 647,128. Divided and this application March 17, 1934, Serial No. 716,047. In Canada December 5, 1933

2 Claims. (Cl. 132—33)

1. In a hair waving device, a curling rod, the central portion of which is of reduced diameter, a gripping strip pivotally mounted on said rod near one end thereof and a separately formed head mounted at the other end of said rod and serving as a bearing therefor, the rod relatively

to said bearing being rotatable in only one direction during the winding of hair upon said rod,



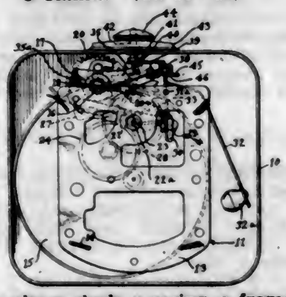
and a holding member, whereby the head may be grasped while rotating the rod.

2,062,894
ROPE CLAMP
Reinhold Loos, Newark, N. J.
Application January 3, 1936, Serial No. 57,344
5 Claims. (Cl. 24—134)



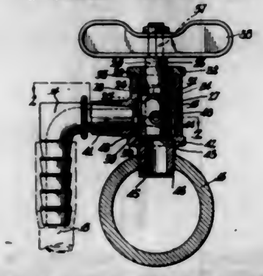
1. A device of the character described comprising a female portion having a slot therein adapted to receive a rope and a clamping member, a clamping member pivoted within the said slot and having an extended arm with an eyelet therein and a spring for urging said clamping member to closed position comprising a pair of substantially parallel arms connected by an intermediate spring portion, one of said members having a hole snugly to receive one of said arms, and the other of said members having a conical opening terminating in a hole substantially the size of the other of said arms.

2,062,895
ALARM CLOCK
Paul Lux, Waterbury, Conn., assignor to The Lux Clock Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application November 7, 1935, Serial No. 48,706
5 Claims. (Cl. 58—16)



1. In an alarm clock, a casing, a frame in said casing, an alarm driving spring carried by said frame, vibratory alarm sounding means driven by said spring, an escapement for controlling said vibratory means, a spring-pressed auxiliary lever for holding said sounding means from vibrating, cooperating cam means on said lever and vibratory means for detachable interlocking engagement, and manually operated means projecting through said casing for engaging said lever for forcing said cam means into interlocking engagement to "shut off" the alarm, the force of the spring pressing on said auxiliary lever being insufficient to overcome the engagement of said cams, but causing said auxiliary lever to move upwardly into unlocked position when said cams are disengaged by the winding of said spring.

2,062,896
VALVE FOR AERATING SYSTEMS
Joseph A. Martocello, Philadelphia, Pa.
Original application September 14, 1931, Serial No. 562,671, now Patent No. 1,965,081, dated July 3, 1934. Divided and this application May 13, 1932, Serial No. 611,096
1 Claim. (Cl. 251—95)



A valve for aerating systems comprising a valve body having an axial bore open at one end thereof, said body having a lateral opening formed therein, an annular shoulder upon said body and located at a distance from said lateral opening, an annular valve seat upon the body and located at a distance from the opposite side of said lateral opening relatively to said shoulder, a valve stem rotatably mounted within the annular shoulder and sealed upon said seat, cylindrical bearing surfaces upon the body and extending between said shoulder and said seat and sealed by said stem, said body having an inner wall offset from said bearing surfaces and through which wall said lateral opening of the body extends, said wall extending lengthwise of the bore of the body from said shoulder to said seat and forming an elongated chamber located adjacent to the stem, said stem having a hollow axial core communicating at one end with the open end of the body through said seat, and said stem having lateral openings of different sizes formed therein and arranged to communicate with said chamber for a full or restricted flow of fluid through the valve.

2,062,897
CONTAINER FOR A LIQUID
Charles O. R. Michel, New York, N. Y., and Albert C. Hunkeler, Wilkinsburg, Pa.
Application January 29, 1931, Serial No. 512,044
7 Claims. (Cl. 206—47)



1. A composite drinking-vessel device comprising a pair of liquid-impervious component cups

separably held together in nested relation having mouth-end edges in adjacent relation to each other, the device being operative as a single cup capable of use for drinking from it and including a soluble substance sealed in position by, and between, the cups, the inner cup being free from inner obstruction appreciably interfering with its effective sanitary use for drinking either as a part of, or separate from, the composite vessel, and the outer cup being effective for separate use for drinking after the removal of the inner cup therefrom.

2,062,898
DYEING WOOL
William R. Moorhouse, Boston, Mass., assignor to National Aniline & Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application October 26, 1933, Serial No. 695,326
19 Claims. (Cl. 8—5)

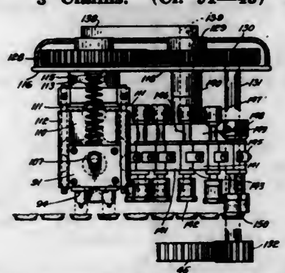
4. In the art of dyeing wool fiber in the form of slubbing or yarn by a printing process, the improvement which comprises applying to said fiber a printing paste comprising a dye selected from the group consisting of the acid and mordant wool dyes containing at least one of the acid groups sulfo and carboxyl, and a hydroxyl ether compound having the formula HO—R—O—R' in which R represents a non-benzenoid hydrocarbon radical which may contain one or more additional substituents selected from the group consisting of ether, thioether, and ester radicals and R' represents a hydrocarbon radical which may contain one or more substituents selected from the group consisting of hydroxyl, ether, thioether and ester radicals.

2,062,899
DOOR AND DOORWAY CONSTRUCTION
Howard I. Morris, Lakewood, Ohio, assignor, by mesne assignments, to Overhead Door Corporation, Hartford City, Ind., a corporation of Indiana
Application April 25, 1932, Serial No. 607,261
4 Claims. (Cl. 20—20)



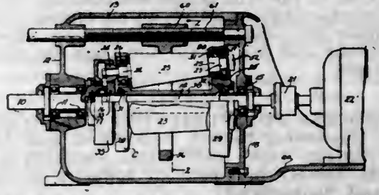
1. In a door and door way construction, the combination with walls of a building forming an opening, of an elevated horizontal member, a member normally supported removably on the floor for the building in a vertical position with its upper end co-operatively related to the adjacent end of said horizontal member and arranged to divide said opening into passages and bodily movable to an in-operative position, aligned guides on the opposite sides of said member and walls, sectional doors slidable in said guides for closing said passages, a separate guide on said horizontal member, a device movable along said separate guide, a link pivoted to each of said device and the upper end of said vertical member arranged to support said end when it is moved laterally, and a counterbalance connected to the lower end of said vertical member and serving to guide such end during bodily movement of said member.

2,062,900
ADHESIVE FEEDER
Berthold Nagy, Ridgewood, N. Y.
Original application August 24, 1933, Serial No. 686,497. Divided and this application September 21, 1934, Serial No. 744,904
3 Claims. (Cl. 91—43)



1. In an adhesive feeding apparatus, a slidable container, a flexible connection from said container to means for supplying an adhesive, valves in relatively short round end tubular casings in the lower end of said container with stems extending out of their lower ends, said stems adapted to open said valves as they engage an obstruction, a roller on said container, a cam, the surface of which engages said roller, said cam adapted to raise said roller and container, means rotating said cam, resilient means moving said container downward, and means adjusting the position of said container.

2,062,901
VARIABLE SPEED TRANSMISSION
Louis A. Graham, Milwaukee, Wis.
Application April 15, 1936, Serial No. 74,403
4 Claims. (Cl. 74—281)

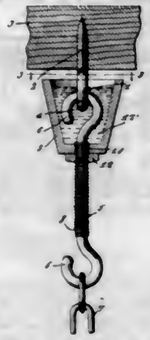


1. A variable speed transmission comprising a rotary carrier, a plurality of conical planetary rollers supported for rotation with and with respect to the carrier and inclined with respect to the axis of rotation thereof, a single, non-rotatable traction ring encircling the rollers and having a single pin-like projection, an actuating member to move the ring over substantially the length of the rollers to control their motion and loosely connected to said ring solely through said pin so as to permit translation of the ring in the direction of the axis of the pin, and means supporting said actuating member for oscillation about an axis external to the ring and parallel to the axis of the carrier.

2,062,902
SWING HANGER
Cleo C. Hamby, Covington, Ga.
Application June 4, 1935, Serial No. 24,934
1 Claim. (Cl. 248—341)

A swing hanger comprising a threaded rod having a hook at each end, a screw eye interlocked with the upper hook for attaching the same to a support, a grease cup screw-threadedly engaged with the rod and adapted to be screwed upwardly or downwardly on the rod without disturbing the

position of the rod or the swing to be supported thereby, said grease cup when in its upper position surrounding the upper hook and the eye of the screw eye and preventing disengagement of said upper hook and said eye, said grease cup when in its lower position being unobstructed



by said upper hook and said eye whereby it may be replenished with grease, and a lock nut on the threaded rod below the grease cup adapted to be tightened to hold the grease cup stationary on the threaded rod in upper position or in lower position.

2,062,903

DYEING PROCESS

James Otis Handy, Larchmont, N. Y.

No Drawing. Application September 23, 1935, Serial No. 41,662

6 Claims. (Cl. 99—103)

1. The method of improving the natural coloration of the skin of citrus fruit which comprises, applying to the fruit a dye composition consisting substantially of water, an oil-soluble, water-insoluble dye, and an aquasolufacient, whereby to deposit said dye within and upon the skin of the fruit.

2,062,904

PROCESS FOR PURIFYING HORMONES

Max Hartmann, Riehen, near Basel, and Albert Wettstein, Basel, Switzerland, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland

No Drawing. Application August 25, 1934, Serial No. 741,504. In Switzerland September 6, 1933

8 Claims. (Cl. 260—131)

1. Process for purifying the hormones of the corpus luteum, which consists in causing a preparation containing the hormones to react with a specific reagent for the keto group, separating the reaction product from the portions which have not reacted by means of solvents and decomposing it by hydrolyzing agents in order to liberate the hormones.

2,062,905

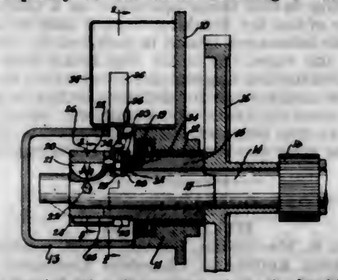
AUTOMATIC MOTOR CUT-OFF AND ALARM

Evert H. Hilty and Harold F. Umstott, Orrville, Ohio, assignors to The Will-Burt Company, Orrville, Ohio, a corporation of Ohio

Application November 5, 1935, Serial No. 48,340

3 Claims. (Cl. 200—52)

1. Apparatus including a shaft, a shear pin coupling sleeve upon the shaft, means for rotating one of said members, a shear pin normally connecting the sleeve to the shaft, a throw-out pin transversely slidable in the sleeve, the shaft having a peripheral notch normally receiving the inner end of the throw-out pin, the remainder of the periphery of the shaft forming a cam sur-



face to project the throw-out pin out of said notch when the shear pin is operated, and a switch adapted to be operated by said throw-out pin.

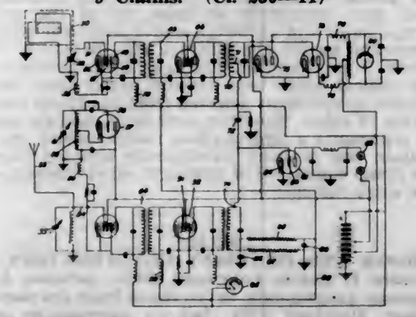
2,062,906

DIRECTION FINDER

Frederick J. Hooven, Dayton, Ohio

Application April 4, 1934, Serial No. 718,959

9 Claims. (Cl. 250—11)



1. A direction finding receiving apparatus comprising a single directional antenna and a non-directional antenna, a radio frequency receiving circuit including the directional antenna, a second radio frequency receiving circuit including the non-directional antenna, an oscillator for generating oscillations, means for impressing the oscillations generated in said oscillator on both said receiving circuits, amplifiers for separately amplifying the beat frequency oscillations in said receiving circuits, a pair of rectifiers, an indicator for indicating the current differentials in the output of said rectifiers, connections from said rectifiers to said amplifiers to impress the signals of one amplifier circuit out of phase and of the other amplifier circuit in phase on said rectifiers, and means for controlling the power output of the amplifier circuits under control of the received signal inversely in accordance with the power of the signals received by the non-directional antenna.

2,062,907

METHOD OF MAKING AND USING A GLASS BATCH

Benjamin A. Jeffery and Frank H. Riddle, Detroit, Mich., assignors to Champion Spark Plug Company, Toledo, Ohio, a corporation of Delaware

No Drawing. Application May 26, 1933, Serial No. 673,024

6 Claims. (Cl. 49—77)

1. The method of forming a glass batch, which consists in forming a slip from glass making materials, mixing the materials uniformly throughout the slip, and spray drying the slip into pellets

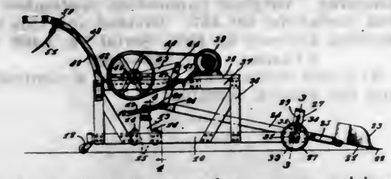
2,062,908

POULTRY HOUSE CLEANER

Carl M. Jepsen, Bellingham, Wash.

Application March 23, 1936, Serial No. 70,475

3 Claims. (Cl. 37—124)



1. A poultry house cleaner comprising a wheeled frame, a pivot thereon, a rod slidably mounted in the pivot, a spring on the rod, a beam connected to the rod, a crank and pitman device on the frame for reciprocating the beam longitudinally of the frame, said spring cushioning the stroke of the beam, a scoop on the free end of the beam, a guide on the frame directing reciprocatory movement of the beam, and springs on the frame tending to hold the beam downward for holding the scoop against the ground.

2,062,909

SANDAL

Reed B. Kenagy, Sr. and Chester J. Hallaux, Kansas City, Mo.

Application May 2, 1935, Serial No. 19,377

6 Claims. (Cl. 36—11.5)



4. A sandal having a sole portion and a toe portion, anti-skid means on said sole portion in the vicinity of said toe portion, a member and means on said sole portion for selectively receiving said member.

2,062,910

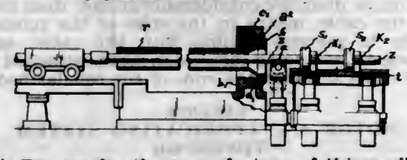
PROCESS FOR THE MANUFACTURE OF THIN-WALLED LIGHT CONTAINERS

Jakob Keulers, Hilden, Germany, assignor to Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany

Application May 31, 1933, Serial No. 673,788

In Germany December 27, 1932

6 Claims. (Cl. 29—148.2)



4. Process for the manufacture of thin-walled light containers such as carboys, which consists in flaring a seamless tube, which is provided with several strengthened portions, to a larger outer diameter whereby the wall-thickness is also diminished to the desired extent, and in a further shaping of the flared tube at the ends to a container.

2,062,911

INSECTICIDAL COMPOSITIONS AND PROCESSES USING THE SAME

Morris S. Kharasch, Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application February 26, 1936, Serial No. 65,787

6 Claims. (Cl. 167—14)

4. An insecticidal composition containing as an active ingredient a salt of Reinecke's acid.

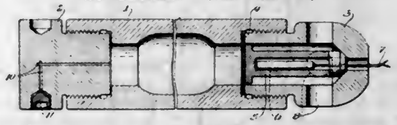
2,062,912

BLASTING CARTRIDGE

Frank H. Kneeland, Elmhurst, Ill., assignor to Safety Mining Company, Chicago, Ill., a corporation

Application May 1, 1933, Serial No. 668,869

20 Claims. (Cl. 102—7)



1. A material breaking device comprising a reusable steel cartridge having a chamber designed to receive a quantity of gas at working pressure, a closure element associated with said cartridge for normally confining the charge of gas but being incapable in itself of withstanding the pressure of said charge, a shatterable member of less structural strength than said cartridge for normally providing support for said closure element, thereby enabling it to withstand said pressure, and means distinct from the pressure in said chamber for causing shattering of said member.

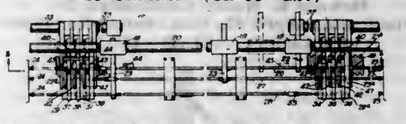
2,062,913

YARN FEED CONTROL MECHANISM FOR FULL FASHIONED HOSIERY KNITTING MACHINES

Otto Koebberling, Fred Zwicky, and John V. Hunt, Greensboro, N. C., assignors, by direct and mesne assignments, of one-half to Mock, Judson, Voehringer Co. Inc., New York, N. Y., a corporation of Delaware, and one-half to Greensboro Full Fashioned Hosiery Mills, Inc., a corporation of North Carolina

Application June 16, 1933, Serial No. 676,062

18 Claims. (Cl. 66—127)



14. In a full fashioned hosiery knitting machine, in combination with the carrier rods thereof; means controlled by and actuated by said carrier rods for progressively and successively locking said carrier rods against movement, and releasing the same for movement.

2,062,914

MAGNESIUM SILICATE ELECTRICAL INSULATING COMPOSITION

Edgar Kunstmann, Berlin-Heinersdorf, Germany, assignor to Steatit-Magnesia Aktiengesellschaft, Berlin-Pankow, Germany

No Drawing. Application October 4, 1933, Serial No. 692,145. In Germany February 21, 1933

13 Claims. (Cl. 106—12)

1. An insulating material consisting of from 70% to 90% magnesium silicate and the re-

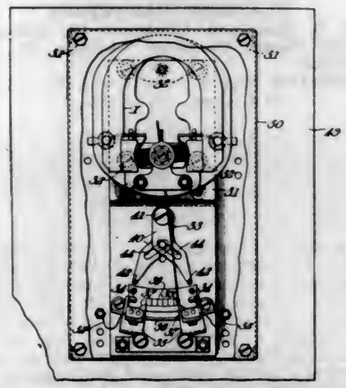
mainder chiefly of alkaline earth metal oxide compounds and clay, fired together, the alkaline earth metal compound, calculated as oxide, constituting at least 60% of said remainder.

2,062,915

CONTROL DEVICE

Anthony H. Lamb, Elizabeth, N. J., assignor to Weston Electrical Instrument Corporation, Newark, N. J., a corporation of New Jersey

Application February 16, 1935, Serial No. 6,891
18 Claims. (Cl. 200—110)



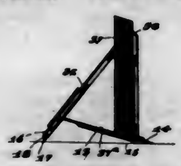
1. A control device comprising primary control means including a moving system carrying a contact for engagement with a relatively stationary contact, said contacts being magnetic and developing a magnetic attraction when engaged that prevents separation thereof by said moving system, and means for resetting said primary control means; said resetting means comprising a pivotally mounted lever having a pusher arm end for separating said contacts and an operating end, a member engaging the operating end of said lever to rock said lever, and a solenoid and armature for actuating said member.

2,062,916

COMBINED HOLDER AND DISPLAY STAND

Howard L. Moore, Cochranton, Pa.

Application April 17, 1936, Serial No. 75,002
6 Claims. (Cl. 40—152.1)



1. In a combined holder and display stand, an upstanding front inclining inwardly from its bottom to its top, an upstanding back merging at its upper end into the upper end of the front, said front having its upper end portion formed with an opening for receiving slips or cards, and an upwardly inclined forwardly disposed means extended from said back and connected to said front, said means providing for supporting the cards or slips in extended relation for progressively greater distances with respect to said opening and for bracing said front relatively to said back.

2,062,917

POLYCARBOXYLIC ACID ESTERS

Walter E. Lawson, Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Original application September 14, 1933, Serial No. 689,487. Divided and this application January 25, 1935, Serial No. 3,469
9 Claims. (Cl. 260—103)

2. As a new composition of matter a compound having the general formula:

$$R\begin{matrix}(COOR_1)_x\\(COOR_2)_y\end{matrix}$$

in which R is a polyvalent hydrocarbon radical having at least three carbon atoms, R_1 is a radical of an unsaturated normal aliphatic monohydric alcohol having at least three carbon atoms, R_2 is the radical of a different monohydric alcohol of at least two carbon atoms, x is a positive number, y is a positive number, the sum of x and y being equal to the valence of R.

2,062,918

POLYHYDRIC ALCOHOL ESTERS

Walter E. Lawson, Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application March 28, 1935, Serial No. 13,485
16 Claims. (Cl. 260—166)

1. An ester wherein all of the hydroxyl groups of a long chain aliphatic polyhydric alcohol of the formula

$$C_nH_{2n+2-x}(OH)_x$$

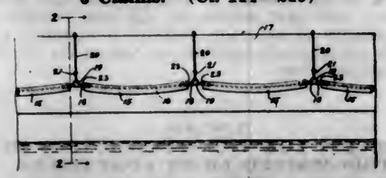
wherein x is at least 3 and n is 11 to 22, are esterified by a monocarboxylic acid.

2,062,919

MARINE FENDER

Elov F. Maas, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

Application January 8, 1934, Serial No. 705,749
6 Claims. (Cl. 114—219)



1. In a marine fender, a flexible cable, a substantially horizontally arranged tubular body of rubber loosely strung on said cable for longitudinal sliding movement thereon, said body of rubber being of substantial proportions and having an inside diameter considerably greater than that of the cable, means in the ends of the tubular body to prevent chafing with the cable, and upwardly extending suspension means attached to the cable adjacent the ends of the tubular body.

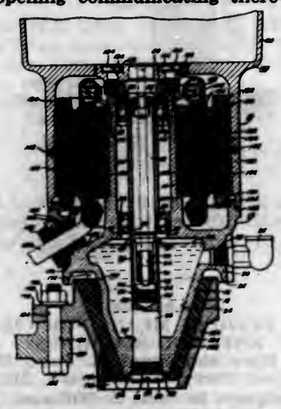
2,062,920

MOTOR AND LUBRICATING SYSTEM THEREFOR

Clyde W. Mapes and Zerbe C. Bradford, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application June 12, 1933, Serial No. 675,456
7 Claims. (Cl. 308—168)

1. In a device having a rotatable shaft, the combination comprising, a lubricant supply chamber having a supply of lubricant therein; bearing support means; bearings supported by said means; said shaft being rotatably mounted in the bearings and extending into said chamber to a point below the normal lubricant level therein, said shaft having a substantially axially extending lubricant conveying opening therein and a cross opening communicating therewith, said



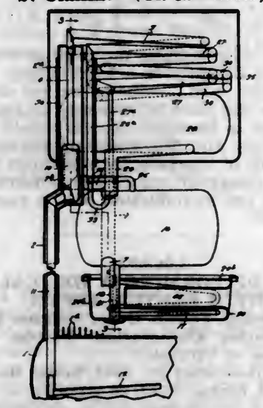
cross opening being adapted to convey lubricant to one of the bearings by centrifugal force when the shaft is rotating; a conical tip member secured in the end of the axially extending opening for reducing the centrifugal force imparted to the lubricant by the shaft at the entrance of the opening; and means for controlling the rate of flow of lubricant to the opening.

2,062,921

REFRIGERATION APPARATUS

Wilbur G. Midnight, Bay Village, Ohio, assignor to Perfection Stove Company, Cleveland, Ohio, a corporation of Ohio

Application July 2, 1934, Serial No. 733,431
27 Claims. (Cl. 62—120.5)



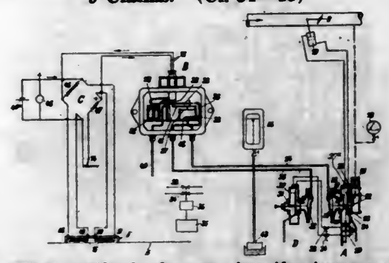
23. In intermittent absorption refrigeration apparatus, the combination of a receiver, an evaporator below the plane thereof, a sump through which the receiver and evaporator communicate and into which both drain, a casing vented to the receiver above the maximum liquid level therein and communicating with the bottom portion of the sump, and a liquid return conduit having its receiving end located in said casing.

2,062,922

PAPER MACHINE CONTROL

Guido Wünsch, Berlin-Steglitz, Germany, assignor to Askania-Werke A. G. vormals Central Werkstatt Dessau und Carl Bamberg-Friedenau, a German company

Application February 19, 1934, Serial No. 712,090
In Germany February 25, 1933
9 Claims. (Cl. 34—48)



1. That method of governing the temperature or other controllable condition of a web of paper or fabric passing through a drying machine which is characterized by continuously measuring the condition of the web to set up a controlling force always proportional to changes in the condition; creating separate governing forces, one of which is directly responsive to changes in said condition and the other of which is responsive to the algebraic sum of any condition change and the rate of change; applying the first named governing force to regulate the supply of steam to the machine proportionally to the rate of flow; and applying the second named governing force to vary the ratio between the steam flow and the force representing said condition whereby to maintain the condition substantially constant.

4. Control mechanism for a paper drying machine comprising, in combination, a resistance thermometer connected to measure the temperature of the moving paper web and create controlling electrical impulses which are proportional to the temperature changes; master governing means including a galvanometer and a combined pneumatic device controlled by the electrical impulses to create separate pneumatic governing forces in the form of pneumatic impulses, one force being directly responsive to temperature changes and the other force being responsive to the sum of the temperature change and the rate of temperature change; a steam flow regulator connected to be operated by the first named governing force and thereby vary the steam supply to the machine in proportion to deviations in temperature from a set value; and a second regulator operated by said second governing force and connected to readjust the steam flow regulator in accordance with the total of temperature change and the rate of temperature change.

2,062,923

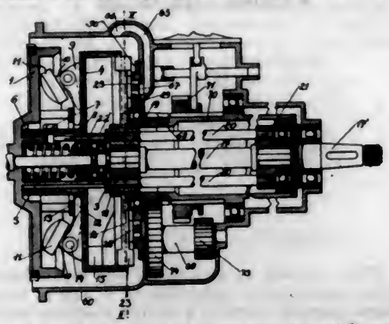
INFINITELY VARIABLE TRANSMISSION

Pál Sándor Nagy, Budapest, Hungary, assignor of thirty per cent to Hella Csarada, Budapest, Hungary

Application December 26, 1934, Serial No. 759,250
In Hungary December 30, 1933
5 Claims. (Cl. 74—114)

1. An automatic infinite variable speed transmission comprising in combination a rotating driving element; a driven element adapted to be rotated by said driving element with a number of revolutions not higher than that of the driving element; a plurality of torsion springs se-

cured to said driven element at one of their ends, these springs being adapted to rotate together with the said driven element and to transmit the torque from the driving element to the driven element if twisted; arms on the said torsion springs at their end opposite to that secured to the driven element; a cam on the driving element adapted to twist said springs by means of the said arms,



this cam being adapted to cooperate with one of the arms if the speeds of the driving and driven elements are equal and with several arms one after the other if the speed of the driven element is less; and a locking device adapted to prevent the twisted springs from a free slacking off after disengaging from said cam and thus enabling them to transmit their energy to the said driven element.

2,062,924

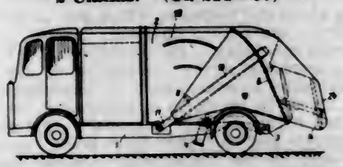
VEHICLE FOR COLLECTING AND TRANSPORTING REFUSE

Jacob Ochsner, Zurich, Switzerland

Application November 21, 1935, Serial No. 50,967

In Switzerland March 11, 1935

2 Claims. (Cl. 214—67)



1. A vehicle for collecting and transporting refuse, comprising a chassis, a body hinged at its back end upon said chassis and having a discharge opening at the back, means for raising said body to an inclined position, a rear section closing the discharge opening, means pivoting said rear section to the front section of said body on a transverse axis located between the back hinge of the body and the front of the body, means to lift the rear section bodily upward as the front section of the body is tilted, to clear the rear end of the front section of the body, at least one chamber at the lower end of the said section, an opening in said chamber adapted to receive the refuse, an inclined passage and a ram plate to convey the refuse into said body.

2,062,925

GENERATION OF HEATED FLUIDS

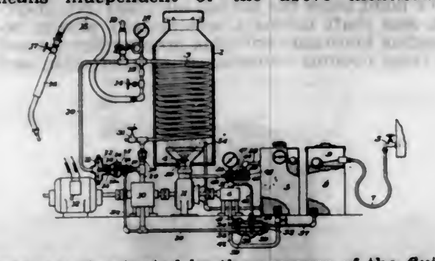
Frank W. Ofeldt, McKeesport, Pa.

Application January 17, 1933, Serial No. 652,105

Renewed July 15, 1936

6 Claims. (Cl. 122—448)

3. In an apparatus for heating a fluid, the combination of means for supplying a predetermined amount of fluid to said apparatus, means for supplying fuel to said apparatus at a rate correlated with the rate of supplying fluid, and means independent of the above mentioned



means and actuated by the pressure of the fluid for simultaneously controlling the stopping and starting of the supply of said fluid and fuel to said apparatus.

2,062,926

RUBBER FEEDING MEANS FOR CIRCULAR KNITTING MACHINES

Albert E. Page and Frank R. Page, Brooklyn, N. Y., and Harry N. Sheppard, Maplewood, N. J., assignors to Scott & Williams, Incorporated, New York, N. Y., a corporation of Massachusetts

Application March 27, 1935, Serial No. 13,328

27 Claims. (Cl. 66—12)



1. Rubber yarn feeding mechanism for a knitting machine comprising a yarn supply, a finger for feeding the yarn, means operating said finger to introduce the yarn by moving the yarn finger in a direction to lengthen the yarn path between the yarn supply and finger and means for lessening the length of the yarn path between the yarn supply and finger to reduce the tension on said yarn during the introduction of the yarn to the needles.

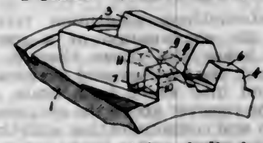
2,062,927

METHOD OF FORMING A HELICAL GEAR WITH CLUTCH TEETH

Carl D. Peterson, Toledo, Ohio, assignor to Spicer Manufacturing Corporation, Toledo, Ohio, a corporation of Virginia

Application December 19, 1932, Serial No. 647,917

1 Claim. (Cl. 29—159.2)



The method of providing helical gears with teeth at one end parallel to the axis of the gear consisting in forming the gear blank with helical teeth and then straightening corresponding end portions of the helical teeth by cutting off the opposite helical side faces of said end portions into lines parallel with the axis of the gear.

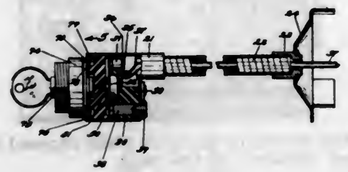
2,062,928

LOCK SWITCH AND ARMORED WIRE UNIT

Alva W. Phelps, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application March 2, 1934, Serial No. 713,627

15 Claims. (Cl. 200—19)



3. In a switch, the combination of two switch case members providing a cylindrical wall and two end walls, a stationary contact support and terminal block located adjacent one end wall and disposed between the two end walls, a movable contact actuator located adjacent the other end wall, a movable contact located between said block and actuator and adapted to engage a stationary contact on the stationary contact support, means drivingly connecting the actuator and movable contact, cooperating detent provisions provided by the actuator and adjacent end wall of the switch case, and a spring located between the actuator and movable contact and adapted to urge the block toward its adjacent end wall of the switch case, and to urge the actuator toward its adjacent end wall of the switch case and into engagement with the end wall detents.

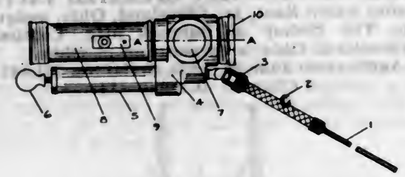
2,062,929

DEVICE FOR INSPECTING LIQUIDS

Milton A. Powers, Detroit, Mich.

Application March 23, 1933, Serial No. 662,287

9 Claims. (Cl. 88—14)



6. In a portable device for withdrawing and testing oil samples from automobile crank cases, said device comprising a pump having an elongated conduit connected thereto and extending away from said device, said device also comprising a body providing at least one transparent-walled chamber which said pump is operable to fill with the oil to be tested, and a single lighting means, carried by said device, and operable to project light rays through said chamber to impart luminosity to the sample therein, said lighting means also being operable to project light rays away from the device in the same general direction as said conduit, whereby the openings in said crank cases may be readily located and said conduit introduced thereinto.

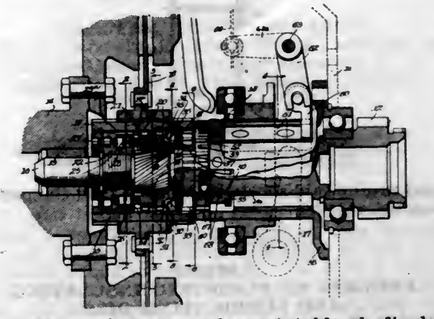
2,062,930

DRIVING MECHANISM

Levi Thomas Pritchard, Tulsa, Okla.

Application January 5, 1934, Serial No. 705,415

13 Claims. (Cl. 192—48)



1. The combination of a rotatable shaft element, an element rotatable with respect to said shaft element, a drive connecting member, means on one of said elements to move said member to connect said elements in driving relation in accordance with the difference in speed of rotation of said respective elements, said means being so arranged with respect to said rotatable elements as to move said member into drive connecting relation with a bodily rotational movement faster than that of said shaft element.

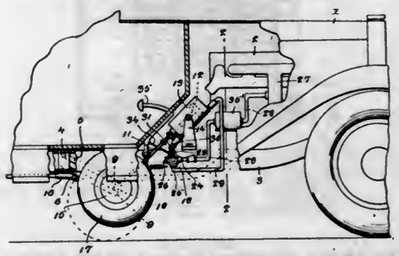
2,062,931

RETRACTABLE AUXILIARY WHEEL

Anthony Raffa, Elmora, Pa.

Application March 27, 1935, Serial No. 13,351

3 Claims. (Cl. 188—5)



1. In combination with a motor vehicle having an engine provided with an intake manifold and a brake mechanism, axle supporting structures pivoted to the motor vehicle, axles carried by said structures, auxiliary braking wheels journaled on said axles and having the brakes thereof connected to the brake mechanism, and vacuum means connected to said axles and to the intake manifold and controlled by the brake mechanism for moving the braking wheels into and out of engagement with the ground.

2,062,932

AUTOMOBILE SIGNAL LIGHT

Harold Redman, Pontiac, Mich.

Application June 10, 1936, Serial No. 84,574

1 Claim. (Cl. 177—329)

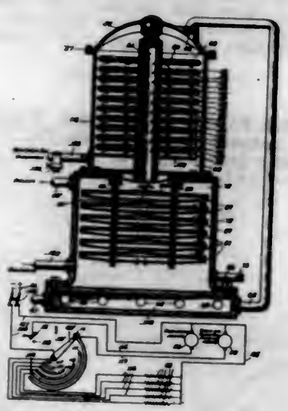
A vehicle signal of the class described comprising a casing having a flange projecting beyond one face thereof, a signal wall resting on said flange and disposed against said face, said signal wall having integral innner and outer sheets, a

diaphanous panel between said sheets, and bolt means fastening the signal wall to the casing



and urging said sheets together to hold the panel against rattling.

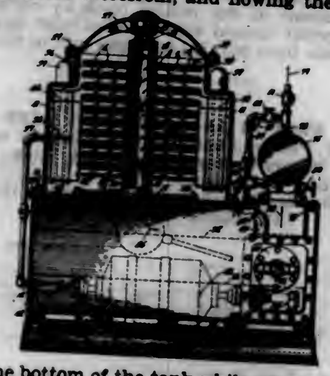
2,062,933
PROCESS OF PURIFYING INSULATING AND LUBRICATING OILS
Paul B. Renfrew, Fort Wayne, Ind., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind., a corporation of Indiana
Original application January 11, 1930, Serial No. 420,062. Divided and this application May 18, 1934, Serial No. 726,347
1 Claim. (Cl. 196—16)



The herein described process which consists in forcing oil under pressure of approximately 100 pounds per square inch through a plurality of relatively minute orifices, distributing the liquid over relatively large areas while subjecting the same to a relatively high vacuum and thereafter drawing the filtered oil from said surfaces and returning it to its source of use in a continuous cycle.

2,062,934
METHOD OF DEHYDRATING OILS
Paul B. Renfrew, Fort Wayne, Ind., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind., a corporation of Indiana
Original application August 29, 1928, Serial No. 302,743. Divided and this application January 11, 1934, Serial No. 706,311
11 Claims. (Cl. 196—16)

1. The process of removing moisture and gases from oil which comprises forcing the oil under super-atmospheric pressure upwardly through capillary passages in a tank maintained at sub-atmospheric pressure to release the moisture and gases from the oil, collecting the oil and separating the gases therefrom, and flowing the oil toward the bottom of the tank while exposed to the reduced pressure in the tank.



2,062,935
POINT FOR TRANSFER RINGS
Selmer Reinestad, Kenosha, Wis., assignor to Scott & Williams, Incorporated, New York, N. Y., a corporation of Massachusetts
Original application July 28, 1934, Serial No. 737,446. Divided and this application December 24, 1935, Serial No. 56,092
7 Claims. (Cl. 66—148)



1. A one piece point for transfer rings comprising a member of U-shaped cross-section having a loop retaining abutment projecting from the base of said U-section.

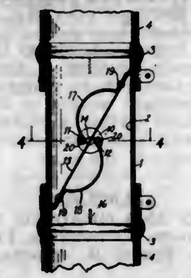
2,062,936
THERMOSTATICALLY OPERATED VALVE
Walter Sabin Root, Jr., Cleveland, Ohio, assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio, a corporation of Ohio
Application June 20, 1934, Serial No. 731,487
9 Claims. (Cl. 236—34)



1. In a thermally responsive valve construction, a frame providing a tubular fluid flow passageway, a thermostatic valve element responsive to bend upon a change of temperature of fluid in the passageway and having spaced portions thereof pivotally connected to the tube on spaced pivot axes supported stationary relative to the frame to cause the valve element to move concurrently

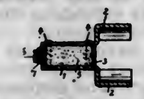
longitudinally and transversely of the tube around the pivot axes upon bending to variably control flow of fluid through the passageway responsive to changes of temperature of the fluid.

2,062,937
THERMOSTATIC VALVE DEVICE
Walter Sabin Root, Jr., Cleveland, Ohio, assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio, a corporation of Ohio
Application June 20, 1934, Serial No. 731,488
Renewed May 5, 1936
6 Claims. (Cl. 236—34)



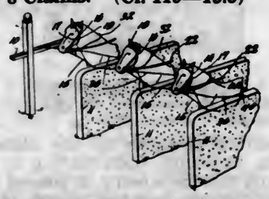
1. In a thermostatically operated valve construction, a frame having a flow passage therethrough, a valve oscillatably pivoted on the frame to control flow through the passage, a bimetal strip bent concavely open between opposite end portions thereof, connected at one end portion to the valve at a point remote from the pivot axis and at the other end portion pivotally connected to the frame at a point adjacent to but spaced from the pivot axis.

2,062,938
PERMANENT MAGNET FOR SMALL ELECTRICAL MACHINES
Hugo Ruppe, Berlin, Germany, assignor to Ernst Gross, Berlin, Germany
Application November 15, 1935, Serial No. 50,030
In Germany November 29, 1934
5 Claims. (Cl. 171—252)



1. A permanent magnet for small electrical machines, comprising pole shoes, parts composed of non-magnetic material forming together with the said pole shoes at least one chamber, and a filling of disintegrated magnetic steel material in the said chamber.

2,062,939
RACE STARTING DEVICE
Thomas L. Sampsell, Quantico, Va.
Application April 13, 1934, Serial No. 720,476
8 Claims. (Cl. 119—15.5)



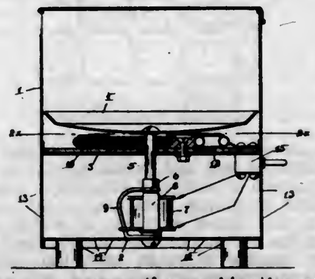
1. In a starting device for horse races, in combination, restraining means for the horses, and alternative means adapted to be actuated by the jockeys and by a common starter respectively to release said restraining means.

2,062,940
ELECTRIC SOLDERING IRON
Abe O. Samuels, Rochester, N. Y., assignor to Samson-United Corporation, Rochester, N. Y.
Application May 25, 1934, Serial No. 727,483
5 Claims. (Cl. 219—26)



3. In an electric soldering iron, the combination of a hollow shank, a soldering tip telescopingly engageable into one end of said hollow shank, a heating element embedded in and cemented to said soldering tip so as to form a single unit therewith, interlocking means between said tip and said shank including a pin movable in a slot having an angular extension so as to provide a limited endwise and rotatable movement of the tip in the shank.

2,062,941
CORN POPPER
Abe O. Samuels, Rochester, N. Y., assignor to Samson-United Corporation, Rochester, N. Y.
Application July 22, 1935, Serial No. 32,492
15 Claims. (Cl. 53—4)



1. In a corn popper the combination of a container, a separate pan within said container and means for vibrating said pan.

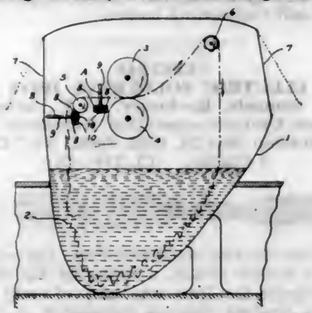
2,062,942
ADHESIVE
Oreste Scalise and David Coleman, New York, N. Y.
No Drawing. Application May 20, 1935, Serial No. 22,488
2 Claims. (Cl. 134—23.3)

2. An adhesive-sizing composition, consisting of a base compound composed of flour of the lupine bean 100 lbs., powdered caustic soda 15 lbs., zinc sulphate pigment 5 lbs., bentonite 10 lbs., vegetable gelatine 3 lbs. and para-formaldehyde 2 lbs., admixed with clay and water in proportions of 40 lbs. of the compound to 100 lbs. of the clay and from 4 to 5 parts of water.

2,062,943
CLOTH WASHER
Hartman F. Schmidt, Unionville, Conn.
Application September 27, 1933, Serial No. 691,168
12 Claims. (Cl. 8—19)

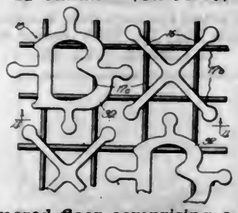
1. In a cloth washer comprising a liquid chamber and squeezing rolls therein, guide supporting means extending longitudinally of the rolls, a

plurality of spaced cloth guiding means on said supporting means, and ballooning controlling



means for enabling adjustment of said guiding means relative to said supporting means to vary the ballooning effect.

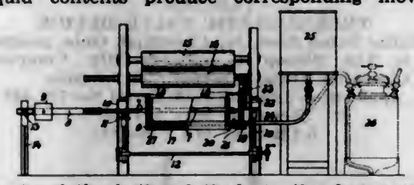
2,062,944
GRID STRUCTURE FOR FLOORS AND THE LIKE
Lon Sloan, Chicago, Ill.
Application July 13, 1931, Serial No. 550,346
Renewed April 27, 1936
11 Claims. (Cl. 94—8)



5. An armored floor comprising a plurality of grid structures laid end to end or side by side in the floor, each of said grid structures comprising a plurality of spaced, relatively rigid, armoring elements, the upper surfaces of which are exposed at the surface of the finished floor, a plurality of flexible wires in each individual grid structure extending between said armoring elements and disposed below the surface of the finished floor, said wires having permanent attachment to said armoring elements and constituting a pliable metallic network permanently holding said armoring elements in proper spaced relation in the individual grid structures, whereby each grid structure can be handled as a complete unit in transporting and laying the grid structures, said armoring elements being substantially isolated from one another in the finished floor, and a body of cement filling the spaces between said armoring elements, the pliability of said network and the isolation of said armoring elements enabling the individual grid structures to be shaped to changes of direction of the floor surface both longitudinally and transversely and inherently to maintain said surface adjustments in the laying of the floor.

2,062,945
MACHINE FOR THE WET TREATMENT OF MATERIALS
Zdeněk Sochor, Dvur Kralove nad Labem, Czechoslovakia
Application November 8, 1935, Serial No. 48,936
In Czechoslovakia June 1, 1934
8 Claims. (Cl. 8—19)

1. Machine for the wet treatment of material comprising a frame, a reservoir, a treating bath suspended in said frame and replenishable from said reservoir, means fixed on the frame for moving the material through the treating bath, means for balancing the suspended treating bath whereby variations in the absolute weight of its liquid contents produce corresponding move-



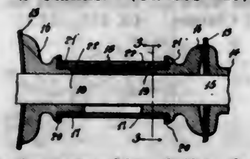
ments of the bath relatively to the frame, and means for regulating flow of liquid from said reservoir into the bath to maintain an amount of liquid of constant weight in the latter, said regulating means having a stationary member co-operating with a member which is responsive to the movements of the bath.

2,062,946
WASHING AND GRADING MACHINE
Einar N. Sorensen, Fernandina, Fla., assignor of one-half to Byron B. Brooks, Jacksonville, Fla.
Application January 19, 1935, Serial No. 2,569
1 Claim. (Cl. 17—6)



In a machine for removing slime and dirt from fish or the like, a frame having a pair of parallel inclined rollers journaled longitudinally on the frame, bearings for the rollers, the bearings for one roller comprising lateral adjustable members, intermeshing gears for the journals at one end of the rollers, means for revolving one of said gears, each of said rollers having spaced peripheral grooves extending the length thereof, a flexible channeled member seated in each of said grooves and having its side flange projected beyond the periphery of the roller, bowed guards carried by the frame and disposed over the rollers and longitudinally extending wiper strips carried by the guards and disposed in close proximity to the channeled members, in combination with a valve controlled spray pipe for directing water onto and between the rollers.

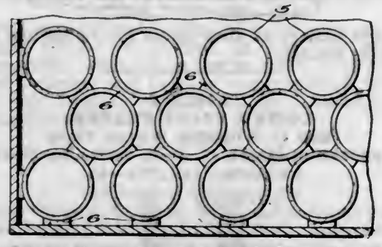
2,062,947
BEARING ASSEMBLY
George W. Stair, Merino, Colo.
Application January 24, 1936, Serial No. 60,734
2 Claims. (Cl. 308—19)



1. A bearing assembly of the class described comprising elements, each having a hub member, the hub members being in spaced apart relation, a removable bearing sleeve mounted on said hub members and adapted to journal and

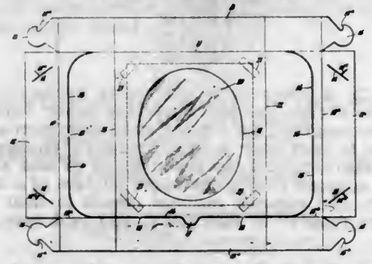
support the assembly in a hanger, said hub members having reduced portions telescoped in said sleeve at opposite ends, a shaft polygonal in cross-section removably passing through the hub members, and washers on said reduced portions engaged by the opposite ends of the sleeve, and means of interengagement between the sleeve and hub members to cause the sleeve to rotate unitarily with said hub members.

2,062,948
METHOD AND MEANS FOR SEPARATING AND RETARDING RELATIVE MOVEMENT OF REFRACTORY, VITRIFIED, AND LIKE PRODUCTS DURING TRANSPORTATION
Helen Young Swank and Albert M. Swank, Johnstown, Pa.
Application October 23, 1933, Serial No. 694,854
4 Claims. (Cl. 105—369)



1. Means for use in spacing hollow, clay products for transportation, comprising "mud" deposits engageable between the products, and between the products and the transporting carrier.

2,062,949
SANITARY COVER
Frank J. Taylor, Los Altos, Calif.
Application December 8, 1931, Serial No. 579,706
9 Claims. (Cl. 229—43)

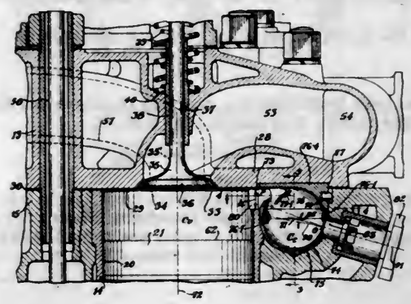


1. A cover for a container which is longer in one direction than the other and having edge portions extending downwardly and adapted to fit outside of the sides of the container, said cover and edges being hinged at an angle to the longer dimension of the cover so that the cover may be folded sufficiently small to fit, when flattened into a plane substantially parallel to the bottom of the container, completely within said container in its normal shape for use.

2,062,950
ESTERS
Raymond E. Thomas, Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application September 11, 1934, Serial No. 743,538
9 Claims. (Cl. 260—99.40)

1. A mixture of esters of a monocarboxylic carbocyclic acid with the mixture of alcohols obtainable by the carboxylic reduction of the fatty acid radicals in an essentially saturated fatty oil, said alcohol mixture having dodecyl alcohol as its principal component.

2,062,951
COMPRESSION IGNITION INTERNAL COMBUSTION ENGINE
Otis D. Treiber, Canton, Ohio, assignor to Hercules Motors Corporation, Canton, Ohio, a corporation of Ohio
Application August 8, 1934, Serial No. 738,979
3 Claims. (Cl. 123—32)

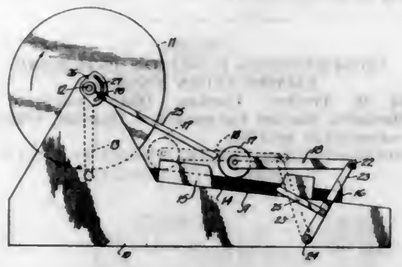


2. In an internal combustion engine, a cylinder having a bore extending therethrough, a cylinder head having an inner face extending across one end of the cylinder bore, a piston operative for reciprocation in the cylinder bore and forming with the cylinder bore and the cylinder head inner face a cylinder chamber, walls forming a mixing and combustion chamber adjacent the cylinder and a passageway extending and providing a communication between the cylinder head end of the cylinder chamber and the mixing and combustion chamber, means for introducing a charge of combustion supporting medium into the cylinder chamber, a deflector tongue located in the mixing and combustion chamber end of the passageway, the deflector tongue extending into the passageway and the passageway opening around the sides and over the end of the deflector tongue, and means for injecting fuel particles into the mixing and combustion chamber and against the deflector tongue.

2,062,952
FEEDING DEVICE
Albin B. Wahlquist, Chicago, Ill., assignor to The Heyer Corporation, Chicago, Ill., a corporation of Illinois
Application July 31, 1935, Serial No. 33,921
7 Claims. (Cl. 271—42)

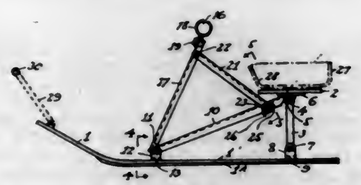
1. In feeding mechanism of the class described, means for holding a stack of sheets in column relation, a feed roller and means for causing the same to reciprocate upon the surface of the stack and in feeding contact with the uppermost sheet, and means actuated by the feeding and return movements of the roller for locking the feed roller against rotation during its forward feeding movements and for unlocking the roller to permit rotation during a portion only of its return movement to insure a back feeding frictional contact with the stack of sheets during a portion of the return movement, said means including oppositely disposed wedge members interiorly housed and adapted normally to lock the

roller against rotation in either direction, and devices for temporarily moving one of said wedge



members from wedging position during a portion of the return movement.

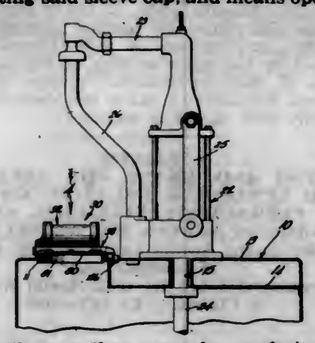
2,062,953
SLED
Louis W. Wargo, Dearborn, Mich.
Application March 13, 1935, Serial No. 10,749
3 Claims. (Cl. 280—23)



1. The combination, with a sled having a single runner of narrow width and of comparatively thin material, of a seat, a support for said seat hinged at its lower end to a transverse re-enforcing member which extends throughout substantially the full width of said runner, a diagonal seat brace for maintaining said support in a substantially vertical position when in use, one end of said brace being detachably connected to the underside of said seat and the other end being pivotally connected to a transverse re-enforcing member extending substantially throughout the full width of said runner, a handle, a support for said handle having its lower end pivoted upon the pivot of the seat brace, and a brace for said handle having one end pivoted to said handle support at a point near its junction with said handle and having the other end pivoted to the seat brace at a point near the connection of said brace to said seat.

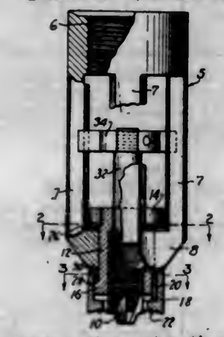
2,062,954
CLOSURE FOR CONTAINERS
Ralph G. Whitlock, Los Angeles, and Lewis Sharp, Huntington Park, Calif., assignors to Federal Foundation Inc., Las Vegas, Nev., a corporation of Nevada
Application June 2, 1934, Serial No. 728,766
8 Claims. (Cl. 221—67)

1. In a device as described, in combination with a tank having an inlet, a cover cap engaging said inlet to close the same, a fixed sleeve having a sight opening, a register visible through said opening, a pair of collars mounted upon said sleeve rotatedly, said cover cap serving as a crank for actuating said sleeve cap, and means operated



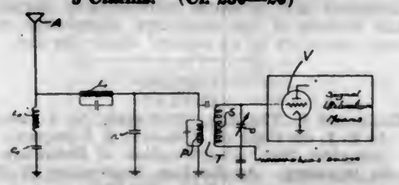
by said collars as they move for rendering said register active.

2,062,955
LOWER VALVE PULLER
Roy C. Williams, Wayne, Ohio
Application March 17, 1936, Serial No. 69,343
4 Claims. (Cl. 294—86)



1. In a lower valve extracting device for oil wells, a cage carried above the lower valve, a sleeve mounted for limited axial movements relative to said cage, a tap threadedly engaged in the said sleeve, a tap shield keyed to said sleeve and adapted to grip the upper surface of a lower valve, and opposed resilient means to float said sleeve relative to said shield and said cage.

2,062,956
IMAGE SUPPRESSION SYSTEM
Robert B. Albright, Philadelphia, Pa., assignor to Philco Radio & Television Corporation, Philadelphia, Pa., a corporation of Delaware
Application November 5, 1935, Serial No. 48,407
5 Claims. (Cl. 250—20)



1. In a superheterodyne radio receiver, an antenna, a signal transfer device comprising a primary and a tuned secondary inductively coupled thereto, and having at least some capacitative

transfer impedance therebetween, an impedance element connected between said antenna and said transfer device, said impedance being inductive for signals of the desired frequency and capacitive for signals of at least some image signal frequencies, and means for reducing image signals comprising a separate capacitative impedance element in shunt relation with said primary.

2,062,957
PROCESS OF PREPARING ALIPHATIC SULPHO-ETHERS
Alfred William Baldwin, Ashton-on-Mersey, and Anthony James Hallwood, Altrincham, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application May 6, 1932, Serial No. 609,768. In Great Britain May 16, 1931
1 Claim. (Cl. 260—151)

The process which comprises reacting an aliphatic alcohol containing at least six carbon atoms with sodamide in the presence of an alkylated benzene, and heating the resultant solvent reaction mixture with a sodium beta-halogen-ethane-sulphonate.

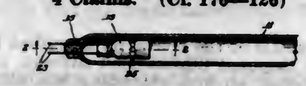
2,062,958
ETHER COMPOUNDS
Alfred William Baldwin, Sale, and Anthony James Hallwood, Altrincham, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application April 10, 1936, Serial No. 73,808. In Great Britain May 16, 1931
5 Claims. (Cl. 260—151)

1. Compounds having the general formula

$$ROCH_2CH_2SO_3X$$

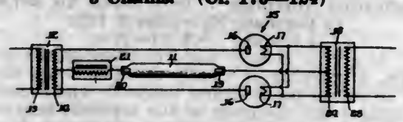
wherein R represents a branched chain aliphatic radical of alcohols obtainable by the hydrogenation of carbon oxide, and X represents hydrogen or an alkali metal.

2,062,959
ELECTRICAL DISCHARGE DEVICE AND ELECTRODE FOR SAME
Robert E. Barclay, Chicago, Ill.
Application October 23, 1931, Serial No. 570,717
4 Claims. (Cl. 176—126)



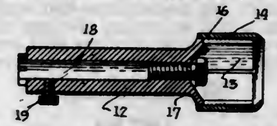
1. An electrode of the class described comprising a copper alloy consisting of approximately 96% copper, 3% silicon and 1% manganese.

2,062,960
MEANS FOR AND METHOD OF INITIATING AND CONTROLLING ELECTRICAL DISCHARGE IN A GASEOUS CONDUCTION PATH
Robert E. Barclay, Chicago, Ill.
Application November 30, 1934, Serial No. 755,310
3 Claims. (Cl. 176—124)



1. An electric system comprising a transformer having a primary winding, adapted to be energized from an alternating current source, and a secondary winding, a rectifier, reactive means, and means for electrically connecting said secondary winding, said rectifier, and said reactive means in an electric circuit including a discharge device having anode and cathode electrodes whereby said discharge device may be energized by rectified electrical power applied between its electrodes and having a voltage wave characterized by peaks interposed by the action of the reactive means.

2,062,961
MICROMETER ATTACHMENT
Edward G. Bauer and Perry L. Angel, Pomona, Calif.
Application April 10, 1935, Serial No. 15,654
1 Claim. (Cl. 33—167)

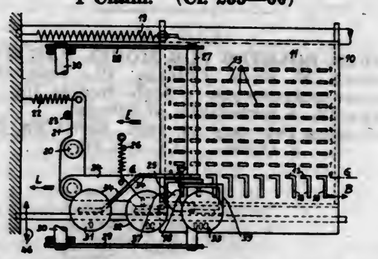


An attachment for an inside micrometer, comprising a tubular member, a contractible head on one end of the tubular member to receive the stub end of the micrometer therein, a compression ring threaded on the head for detachably securing the micrometer thereto, a headed bolt threaded in the headed end of the tubular member with the head of the bolt disposed in the path of the stub of the micrometer to contact the same, and a measuring rod detachably and adjustably mounted in the opposite end of the tubular member to extend therefrom for cooperation with the measuring rod of the micrometer to contact the work to be measured.

2,062,962
INSULATING CASTING
Henry N. Baumann, Jr., and John P. Swentzel, Niagara Falls, N. Y., and Ian M. Logan, Niagara Falls, Ontario, Canada, assignors to The Carborundum Company, Niagara Falls, N. Y., a corporation of Pennsylvania
No Drawing. Application September 10, 1935, Serial No. 40,004
5 Claims. (Cl. 49—79)

1. A casting composed of magnesia and alumina in substantially equal proportions by weight.

2,062,963
CALCULATING MACHINE
Eugen Benninger, Zurich, Switzerland
Application February 15, 1935, Serial No. 6,752. In Switzerland and Germany February 26, 1934
1 Claim. (Cl. 235—60)



In a calculating machine, a pin carriage having rows of selecting pins from "0" to "9", a set of pin setting keys from "0" to "9", means continuously

tending to advance said carriage in one direction, an escapement for effecting a release of said carriage for step by step movement, a shifting rod common to all of said setting keys, connections between said shifting rod and said escapement whereby upon depression of a key for setting a selecting pin corresponding thereto the escapement will be operated to allow a single step actuation of said carriage; in combination with an auxiliary key cooperating with said shifting rod and the zero row of said selecting pins and including means to set a predetermined number greater than one of said selecting pins of said last named row and effecting said escapement to permit said carriage to advance a distance equal to the number of step-distances corresponding to the number of selecting pins set by said auxiliary key, said selecting pins which are controlled by said auxiliary key having lugs and said auxiliary key having a foot to engage the lugs of the predetermined number of selecting pins and be itself engaged by the lug of the next succeeding pin as a stop.

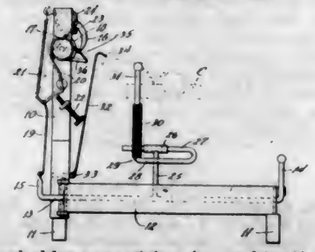
2,062,964

COPYHOLDER

Benjamin F. Blakeman, Greensboro, N. C., assignor of one-half to Booker E. Rhudy, Greensboro, N. C.

Application April 29, 1936, Serial No. 77,062

1 Claim. (Cl. 120—32)



A copyholder comprising, in combination, a vertical frame; a feed roller carried by the frame; ratchet means for operating said roller; a horizontal frame member hingedly secured to the vertical frame member on one side; an operating shaft journaled in said horizontal frame member; an upstanding arm on said operating shaft; a coil spring operatively secured to said upstanding arm; and a finger carried by said coil spring adapted to be arranged in the path of a typewriter carriage as the carriage moves to the left to impart actuating movement to the ratchet mechanism and being bendable to permit the typewriter carriage to move to its full extent after the mechanism has been operated.

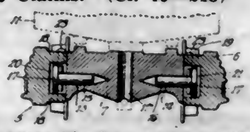
2,062,965

TRUCK BOLSTER FOR MODEL RAILWAYS

Kenneth M. Boyd, Chicago, Ill., assignor, by mesne assignments, to Scale-Models, Inc., Chicago, Ill., a corporation of Illinois

Application February 10, 1936, Serial No. 63,203

6 Claims. (Cl. 46—218)



1. A truck assembly for use in constructing to scale models of railway cars and the like, having in combination, side frames, axles mounted in said frames, car wheels on said axles, a bolster casting of soft metal for connecting said side frames, and means pivotally securing said bolster to said side frames, said means comprising headed members projecting from the ends of said bolster, seats for said headed members on the inner faces of said side frames, and securing pin means in the side frames straddling the headed members.

2,062,966

RIVET OF HIGH-GRADE STEEL

Herbert Buchholtz, Dortmund, Germany

No Drawing. Original application January 10, 1934, Serial No. 706,149. Patent No. 2,051,937. Divided and this application July 24, 1936, Serial No. 92,436. In Germany January 21, 1933

1 Claim. (Cl. 85—37)

A rivet of an ingot steel alloy containing carbon from trace to 0.13%, manganese from trace to 0.5%, silicon from 0.35 to less than 0.5%, copper from trace to 1%, molybdenum from trace to 1%, vanadium from trace to 1%, said rivet being adapted, after the mechanical treatment of riveting, to assume the following properties, tensile strength at least 50 kg. per square mm., yield point at least 40 kg. per square mm. and notch-bar tenacity at least 10 m. kg. per square cm.

2,062,967

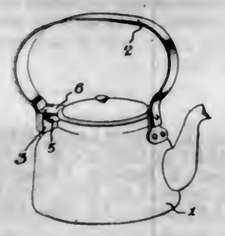
MEANS FOR OPERATING COVERS OF KITCHEN BOILERS

Enrique Julio Canépa, Buenos Aires, Argentina

Application August 26, 1935, Serial No. 37,997

In Argentina August 31, 1934

3 Claims. (Cl. 53—9)



2. In a kettle of the character described having oppositely disposed lugs carried thereby, a cover for said kettle, an arm extending laterally from said cover and hingedly connected to one of said lugs, a handle bail, pivot pins extending through the lugs and connecting the ends of the bail to said lugs, and means fixed to one of said pins and engageable with the arm for raising the cover when the handle is shifted in one direction about the axis of the pivot pins.

2,062,968

GEAR BOX, ESPECIALLY FOR AUTOMOBILES

Heinrich Christensen, Copenhagen, Denmark

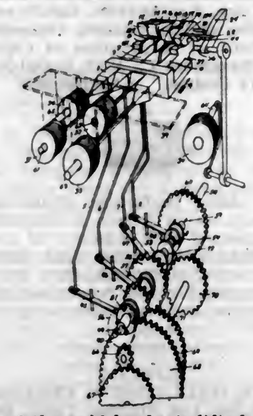
Application November 7, 1933, Serial No. 697,047

In Germany November 8, 1932

4 Claims. (Cl. 74—375)

1. In a gear change speed mechanism for gear boxes, a plurality of axially movable slides having an initial position and adapted, when moved to control the changing of the separate gears of the gear box, a plurality of pivoted hooks, members on said slides engageable with said hooks,

lugs carried by said hooks and certain of said lugs overlying certain of the said hooks whereby



when one of the said hooks is lifted all hooks to one side thereof are simultaneously lifted.

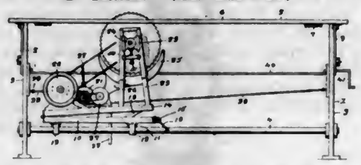
2,062,969

WOODWORKING MACHINE

Roy S. Dutcher, Mount Pleasant, Mich.

Application April 29, 1935, Serial No. 18,896

1 Claim. (Cl. 143—35)



In a woodworking machine, rails, a carriage movable on the rails, means holding the carriage to engage with the rails, a platform having one end pivoted to the carriage, supports on the platform for the shaft of a rotary saw and means for rotating such saw, a screw journaled longitudinally in the carriage, a nut on the screw, links pivoted to the nut and to the platform, means limiting the movement of the nut on the screw, and means comprising a gear on the outer end of the screw and a handle-operated gear meshing therewith and carried by the carriage for turning the screw.

2,062,970

CONTROL APPARATUS FOR ENGINE STARTERS

John B. Dyer, Pendleton, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware

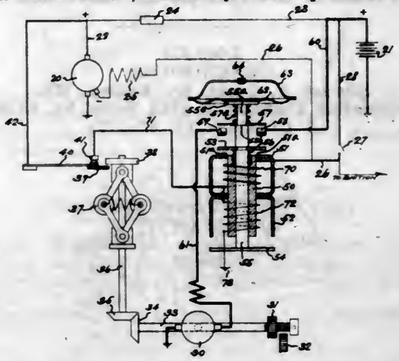
Application August 5, 1933, Serial No. 683,748

Renewed August 8, 1935

32 Claims. (Cl. 290—37)

1. An engine starter control system comprising, in combination, a battery, a starting motor, a starter switch, an electromagnet for closing the starter switch and including a coil and a movable armature for actuating the movable contact of the starter switch, a switch for connecting said coil with the battery, means responsive to overspeeding the starting motor for weakening the influence of said coil to permit opening of starter switch and means responsive to engine operation for positively holding the starter switch in open position.

32. An engine starter control system comprising, in combination, a current source, a starting motor and means for controlling the operation of said starting motor comprising a main starter switch for directly controlling the connection of the starting motor with the current source, a control switch for controlling the operation of said main switch, means operable upon increase



of speed of the starting motor for operating said control switch, a generator, means whereby operation of the generator directly controls the operation of said main switch, and means whereby the opening of the control switch causes the generator to become effective to open the main switch.

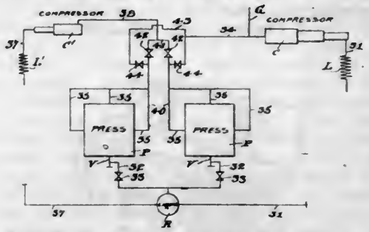
2,062,971

APPARATUS FOR SOLIDIFYING CARBON DIOXIDE

Theophil Eichmann, Bern-Liebefeld, Switzerland, assignor to International Carbonic Engineering Company, Kennett Square, Pa., a corporation of Delaware

Original application May 16, 1932, Serial No. 611,741. Divided and this application December 9, 1933, Serial No. 701,702. In Switzerland October 8, 1932

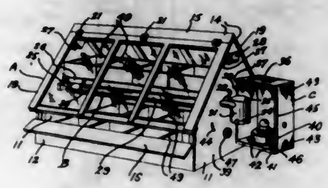
8 Claims. (Cl. 62—121)



1. Apparatus for continuously producing blocks of high density solid carbon dioxide comprising, a plurality of mechanical presses arranged in two groups, each of said presses including a press chamber and a liquid carbon dioxide nozzle discharging into the chamber, the press chamber of each press being provided with a gas outlet therefrom, a liquid carbon dioxide receiver, a liquid supply line from said receiver to each press group, respectively, and each supply line coupled with the press chamber nozzles of the presses of the respective group, a main carbon dioxide liquefying compressor, an auxiliary carbon dioxide liquefying compressor, said compressors in liquid supplying connection with the liquid receiver, a common gas manifold in communication with and receiving gas from the gas outlets of the presses of both press groups, a gas line from said common manifold to the gas intake of the main

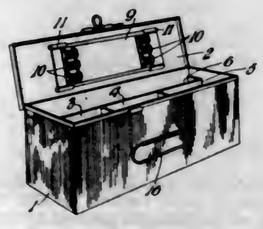
compressor, a gas line from the manifold to the gas intake of said auxiliary compressor, and valves arranged in said manifold and said gas lines to the compressors, respectively, for connecting the press chambers of either group of presses with either of said compressors, respectively.

2,062,972
GREENHOUSE
Edward F. Gertz, Sr., Racine, Wis.
Application February 7, 1936, Serial No. 62,863
9 Claims. (Cl. 47—17)



9. A portable greenhouse provided with a heating boiler adjacent a wall thereof, a box-like housing hingedly secured to said wall, said housing being provided with an open side adjacent said wall, whereby said housing is adapted to enclose said boiler in the upper portion thereof, and a heating device carried in the lower portion of said housing, whereby said heating device will be positioned in cooperative relation to said boiler upon swinging of said housing into enclosing relation to said boiler.

2,062,973
CONTAINER FOR FIRST AID EQUIPMENT
Francesca Gluckstein, Regent's Park, London, England
Original application September 12, 1935, Serial No. 40,212. Divided and this application April 1, 1936, Serial No. 72,017. In Great Britain December 18, 1934
3 Claims. (Cl. 206—12)



1. A first-aid equipment container comprising a body portion, a lid hinged to said body portion, a rigid panel having a plurality of securing means thereon for holding surgical instruments in exposed and quickly detachable condition close against the panel and substantially rigid therewith, and a plurality of rigid holders associated with different portions of the panel readily engageable and releasable by movement of the panel in a direction substantially parallel to the plane of the lid mounted on the inside of the lid for removably holding the said panel thereon, whereby said panel may be readily removed to permit handling of the instruments or sterilization of the panel and the instruments.

2,062,974
WELL CASING PERFORATOR
Wilfred G. Lane, Los Angeles, Calif., assignor to The Technicraft Engineering Corporation, Los Angeles, Calif., a corporation of California
Application November 12, 1932, Serial No. 642,410
12 Claims. (Cl. 81—188)



1. A well casing perforator including a body having a lateral recess therein, a conductor adapted to be connected with a source of electric energy and terminating within said recess, and a separate preloaded electrically fired gun unit removably positioned in said recess and electrically connected with the conductor by insertion therein.

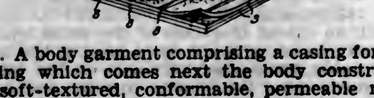
2,062,975
GUN TYPE WELL CASING PERFORATOR
Wilfred G. Lane, Los Angeles, Calif., assignor to The Technicraft Engineering Corp., Los Angeles, Calif., a corporation of California
Application July 16, 1935, Serial No. 31,684
6 Claims. (Cl. 81—188)



1. In a gun type well casing perforator; a gun body including laterally directed sockets and axially disposed apertures connecting said sockets; gun units fitting said sockets, portions of said sockets being diametrically larger than said gun units to define therewith annular passages interposed between said apertures; distributor wires threaded through said apertures and said passages; means for rigidly securing the lengths of said distributor wires within said annular passages; a contact element disposed at the base end of each socket, there being a terminal length of distributor wire extending from the corresponding securing means and connected with said element; and a coacting contact means carried by each gun unit.

2,062,976
CAP REMOVER
Morris Brin, Chicago, Ill., assignor to Erwin L. Millet, Chicago, Ill.
Application December 11, 1933, Serial No. 701,750
Renewed April 30, 1936
4 Claims. (Cl. 81—3.1)

1. A tool for removing screw tops comprising an operating lever having a handle portion and a portion extending across the screw top, jaws mounted on said lever on opposite sides of the screw top, one of said jaws being adjacent that portion of the lever remote from the handle portion and the other jaw being slidable on an intermediate portion of the lever for a considerable distance for effecting major adjustment of



the jaws to bring them into proximity to the screw top, and means for effecting a powerful short final gripping movement to that one of the jaws remote from the handle portion.

2,062,977
PROCESS OF PRODUCING ALUMINUM ALLOY RIVETS
Sven E. Hybinette and Justin E. Tingay, Jackson, Mich., assignors to The Nicralumin Company, Jackson, Mich., a corporation of Michigan
No Drawing. Application February 23, 1934, Serial No. 712,484
14 Claims. (Cl. 148—11.5)

2. The process of manufacturing rivets from aluminum alloys which comprises forming a head on a wire of polygonal cross-section and upsetting the wire to form a shank of circular cross-section.

3. The process of manufacturing rivets from artificially aging aluminum alloys characterized by their low silicon content and non-spontaneous aging comprising making the rivets from quenched wire, the shanks of such rivets having a cross-section greater than that of the wire, said greater cross-section being produced by upsetting while cold, and producing such a temper by aging at a predetermined temperature for a predetermined time according to the analysis of the alloy, that the rivets may be headed up without becoming too brittle.

2,062,978
DISPOSABLE DIAPER
George S. King, South Orange, N. J., assignor to Johnson & Johnson, New Brunswick, N. J., a corporation of New Jersey
Application March 25, 1935, Serial No. 12,977
3 Claims. (Cl. 128—284)



1. A body garment comprising a casing for that facing which comes next the body constructed of soft-textured, conformable, permeable material and having outlying portions constructed of fluid-repellent material, and a filling comprising laminated sheets of soft porous cellulosic material, with spaced apart wax stripings extending longitudinally of the sheets for the purpose and with the result of preventing escape of fluid at the sides of the garment without impairing normal flow through the filling.

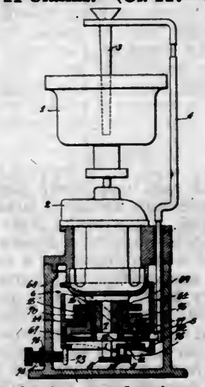
2,062,979
TILE OR SLAB APPLICABLE FOR COVERING OR PROTECTING UNDERGROUND CABLES AND THE LIKE
Horace James Donald Leslie Walmsley, Mapperley, England, assignor to H. J. Baldwin & Company Limited, Nottingham, England
Application June 17, 1935, Serial No. 27,133
In Great Britain October 3, 1934
10 Claims. (Cl. 247—1)

1. A protective or warning arrangement for covering an underground cable or the like, comprising a line of slabs laid end to end each slab having a recess in its upper surface at one end and the adjacent slab having a cooperating recess in its undersurface at its abutting end, and



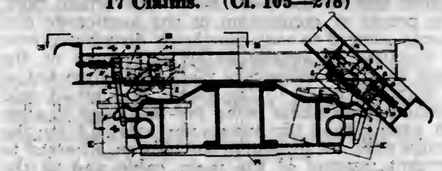
devices connecting said abutting slabs and preventing their endwise displacement each of which devices engages the upper recess in one slab and the lower recess in the next.

2,062,980
SPINNING CENTRIFUGES FOR ARTIFICIAL SILK
Walter Zinselmeyer, Remscheid-Lennep, Germany, assignor to American Bemberg Corporation, New York, N. Y., a corporation of Delaware
Application May 4, 1932, Serial No. 609,302
In Germany May 4, 1931
11 Claims. (Cl. 117—27.6)



1. In a spinning mechanism, a spinning pot, a motor for rotating said pot, a thread guide, means to reciprocate said thread guide, and means for varying the reciprocation of said thread guide, said means comprising a drum cam rotated by said motor, but axially movable with relation thereto, and means for axially displacing said drum cam, said means comprising a cam surface at the lower end of said drum cam, said cam surface varyingly inclined to the axis of said drum cam, and means for supporting the rotative passage of said drum cam, said last mentioned means being adjustably positioned with relation thereto.

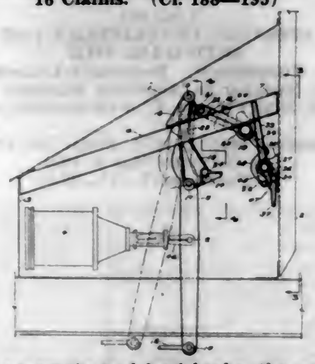
2,062,981
CAR CONSTRUCTION
John P. Anderson, Koppel, Pa., assignor to Koppel Industrial Car and Equipment Company, Koppel, Pa., a corporation of Pennsylvania
Application December 15, 1933, Serial No. 702,534
17 Claims. (Cl. 105—278)



1. In a dump car having an underframe, a

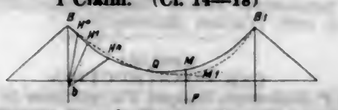
tiltable body and a power actuated body tilting mechanism, the combination of a member pivotally mounted on the body and adapted to releasably engage with the underframe, and a link connection between the said member and body tilting mechanism.

2,062,982
CAR BRAKE
John P. Anderson, Koppel, Pa., assignor to Pressed Steel Car Company, Pittsburgh, Pa., a corporation of New Jersey
Application October 22, 1935, Serial No. 46,236
16 Claims. (Cl. 188—195)



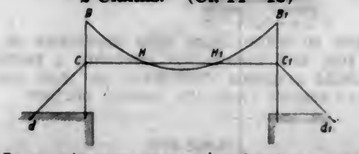
1. In an empty and load brake, the combination of a fluid pressure actuated brake cylinder having a push rod, a live brake lever connected to the push rod, brake applying means connected to said lever, and means providing a variable fulcrum point for said lever comprising a hanger member pivotally mounted on the car having a permanent pivotal connection to the lever inwardly of the end thereof and a member pivotally mounted on the car adapted for selective engagement with said hanger member and the end of the lever, said hanger and pivotally mounted member cooperating to effect a fulcruming of the brake lever about said pivotally mounted member and about said hanger respectively.

2,062,983
SUSPENSION BRIDGE
Louis Urbain Edgar Antonin Baticle, Paris, France
Application June 30, 1931, Serial No. 547,943
In France August 28, 1930
1 Claim. (Cl. 14—18)



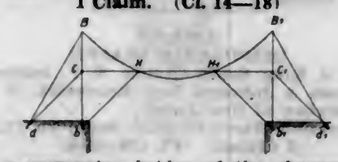
In a suspension bridge of the character described, a plurality of anchorage elements connected at spaced points to the main suspension cables and to the piers below the bridge floor, the points of connection of the anchorage elements secured to each pier being distributed over a distance of approximately one third of the span from the respective piers and connected at a common point to the piers; and all of said anchorage elements being pre-tensioned to such an extent that the maximum overload on the bridge does not overcome the tension, whereby to prevent sagging of the main cable and of the bridge floor under any permissive load.

2,062,984
SUSPENSION BRIDGE
Louis Urbain Edgar Antonin Baticle, Paris, France
Application April 5, 1934, Serial No. 719,090
In France April 5, 1933
2 Claims. (Cl. 14—18)



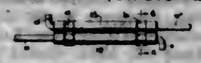
1. In a catenary suspension having a parabolic cable secured to and between supporting towers, an auxiliary cable intersecting the parabolic cable and joined thereto at the points of intersection, said auxiliary cable being under tension to minimize sag, and a cable connecting each of said points of intersection to an adjacent tower at a location on the tower not higher than one established on the tower by a straight line passing through said points of intersection, said connecting cables and the parabolic cable being the sole cables extending between the points of intersection and the adjacent towers.

2,062,985
SUSPENSION BRIDGE
Louis Urbain Edgar Antonin Baticle, Paris, France
Original application June 30, 1931, Serial No. 547,943. Divided and this application August 19, 1936, Serial No. 96,892. In France August 28, 1930
1 Claim. (Cl. 14—18)



In a suspension bridge of the character described, guy wires connected to the main suspension cables and to the piers below the bridge floor constituting anchorage elements for the main cables, said guy wires being pre-tensioned to such an extent in excess of the usual tension necessary to prevent sag, as to prevent the most unfavorable permissible overloads on the bridge from overcoming the tension therein; and horizontal cables stretched between and secured to the towers of the bridge, said horizontal cables being connected to the suspension cables and guy wires at the points of connection of the guy wires to the main cables.

2,062,986
WIRE CONNECTING SLEEVE
Donald L. Baxter, Rutherford, N. J., assignor to The Western Union Telegraph Company, New York, N. Y., a corporation of New York
Application October 21, 1935, Serial No. 46,019
7 Claims. (Cl. 173—263)



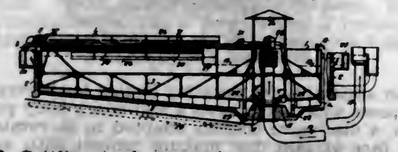
1. An electrical line wire compression type multiple tube sleeve connector comprising two integrally joined tubular bodies formed of malleable metal, each of said tubular bodies having a bore for receiving a line wire, each of said tubular bodies having inner wall portions for compression into intimate clamping contact with the line wire received therein, said inner wall portions of each of the tubular bodies including deformable metal for adjoining and entirely surrounding the received line wire to engage and seal the connection between each of the line wires and connector around the entire circumference of each line wire at each place where compression is applied to the connector, to provide a gas tight joint of low, constant electrical resistance and of mechanical strength sufficient to permanently hold the strain on the line wires.

2,062,987
WASHING OF YARN
Jack L. Bitter, Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y., a corporation of Delaware
Application February 14, 1935, Serial No. 6,503
4 Claims. (Cl. 18—8)



4. In a device for washing yarn of artificial origin, in combination, a foraminated support for the yarn body, a fluid-tight cover for the outer face of the body, and means for introducing washing liquid to the inner face of the yarn body, through the said foraminous support so that the washing is accomplished by diffusion from one side of the said body, only.

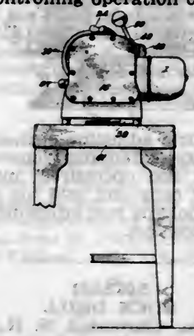
2,062,988
SETTLING TANK
John Michael Callow, London, England, assignor to British-Geco Engineering Company, Limited, London, England
Application February 21, 1936, Serial No. 65,143
In Great Britain December 7, 1935
25 Claims. (Cl. 210—55)



7. Settling tank apparatus comprising a track around the periphery of the tank, a pontoon normally floating in the liquid contents of the tank, liquid ballast for said pontoon, a pump for increasing or decreasing the amount of ballast, a plurality of arms secured to and radiating outwardly from said pontoon, sludge-engaging means carried on at least one of said arms, travelling means supporting the outer ends of said arms and adapted to run on said track, and driving means associated with one of said arms and being operatively connected to the travelling means which supports the outer end of that arm.

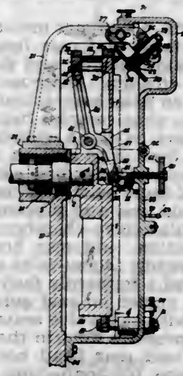
2,062,989
IRONING MACHINE
John A. Castricone, Peoria, Ill.
Application November 9, 1932, Serial No. 641,835
3 Claims. (Cl. 38—61)

1. In an ironing machine of the class described, in combination, an ironing roller, manually operated means for controlling rotation thereof, an associated ironing shoe, power driven means for the operation thereof including a clutch, an associated eccentric member, a link member adapted to transmit motion from the said eccentric to the shoe operating mechanism, manually operated means for controlling operation of said clutch to



impart rotation to said eccentric and motion to said link, and means integral with said link to engage and operate a member of the manually operated roller drive clutching means to discontinue rotation of the roller when the ironing shoe operating means is operated to remove the shoe from contact with the roller.

2,062,990
CIGARETTE CUT-OFF DEVICE
William G. Forbes, Albany, N. Y.
Application September 9, 1931, Serial No. 561,854
Renewed June 4, 1936
9 Claims. (Cl. 131—37)



3. A cigarette cut-off including in combination a revolving knife, a stationary grinder mounted in the path of movement of the knife, means for advancing the knife towards the grinder during the movement of the knife and transversely to its plane of rotation, a reciprocable ledger plate cooperating with the revolving knife, and additional means on the ledger plate for sharpening the knife.

2,062,991
ROCK DRILL MOUNTING
Elmer G. Gartin, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application March 22, 1933, Serial No. 662,125
15 Claims. (Cl. 308—3)

1. An adjustable guide shell for rock drills including a shell body having, when in horizontal

position, horizontal guideways formed by bottom wear plates and cooperating adjustable top wear plates, and means for adjusting said top wear plates vertically toward and from said bottom wear plates to vary the height of the guideways



including eccentric adjusting elements rotatable on horizontal axes extending transversely across the guide shell and operatively interposed between the shell body and said top wear plates, and means for holding said adjusting elements in their adjusted position.

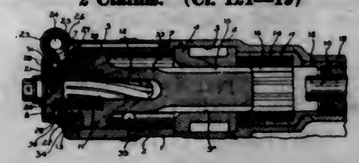
2,062,992

ROCK DRILL

Elmer G. Gartin, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts

Original application December 22, 1933, Serial No. 703,530. Divided and this application August 27, 1934, Serial No. 741,620

2 Claims. (Cl. 121—19)



1. In a rock drill, a hammer motor including a cylinder having front and rear heads, a piston reciprocable in said cylinder, and fluid distribution means for effecting reciprocation of said piston including an axial bore extending through said rear head, a supplemental head secured to said rear head and having a cylindrical portion fitting said rear head bore and an integral forward guide projection extending centrally within said rear head bore, said guide projection cooperating with said rear and supplemental heads to form an annular valve chamber surrounding said guide projection, said rear head providing an annular rearwardly facing valve seat and said supplemental head a forwardly facing valve seat, and a disc valve guided on said guide projection and engageable with said valve seats for controlling the flow of pressure fluid to the ends of the motor cylinder, said rear head bore forming a large axial passage for connecting the forward end of the valve chamber directly with the rear end of the motor cylinder in the rearward position of said disc valve and said disc valve when seated on said annular seat cutting off communication of said passage forming bore with the valve chamber.

2,062,993

FENDER SIGNAL ARROW AND PARKING LAMP

John Ralph Haines, Vincentown, N. J., assignor to Arrow Safety Device Company, Inc., Mount Holly, N. J., a corporation of New Jersey

Application March 11, 1932, Serial No. 598,247

Renewed March 27, 1936

3 Claims. (Cl. 177—329)

3. In a turn signal device for vehicles, a casing, a plate within the casing, having a portion engaging a wall of the casing and another portion extending inwardly from said wall and conforming circumferentially to the shape of the casing engaging the latter, said other portion constituting a rattle-preventing support for a lamp socket, a lamp socket supported by said inwardly extending portion, a casing support having means engaging said wall of the casing at the exterior thereof in substantial alignment



with the casing and a wall engaging portion of said plate, securing means fastened through said support and casing and connecting the same together, and also supporting said wall engaging portion, means on the other end of said support for attaching same to a vehicle, said support and casing being provided with alined openings for the passage of conductors for the lamp socket.

2,062,994

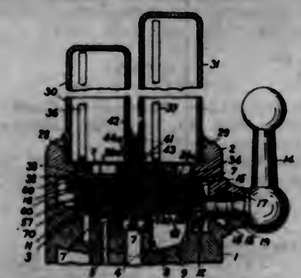
APPARATUS FOR AERATING LIQUIDS

George Seymour Higginson, London, England, assignor to Julius C. Vredenburg, London, England

Application December 27, 1932, Serial No. 649,039

In Great Britain August 6, 1932

1 Claim. (Cl. 251—87)



An apparatus for aerating liquids for beverage purposes which comprises a stationary body portion, a disc valve therein adapted to be rotated, the face of said disc making contact with said body portion, said valve and body portion having cooperating passages for fluids corrosive to metals, the parts thereof contacting with said fluids being of non-metallic material substantially resistant to corrosion, and a packing element in at least one of said cooperating passages, said element projecting beyond the surface of its seat so as to make positive contact with the surface of the adjacent member.

2,062,995

APPARATUS FOR AERATING LIQUIDS

George Seymour Higginson, London, England, assignor to Julius C. Vredenburg, London, England

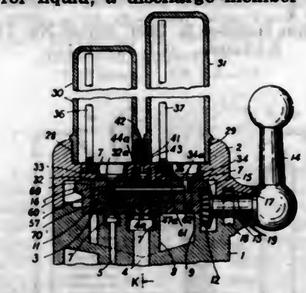
Application January 2, 1934, Serial No. 704,956

In Great Britain August 6, 1932

10 Claims. (Cl. 225—21)

1. An apparatus for aerating liquids comprising a lower member, an upper member, a disk

valve therebetween, cooperating passages in said valve and members, means for allowing the entrance of gas and of liquid into said apparatus, a vessel for liquid, a discharge member having a



passage therein for the flow of aerated liquid out of the apparatus, and means operable by the movement of said valve to first cause, discharge of liquid under pressure from the bottom of said vessel and then by gravity.

2,062,996

INSULATING MATERIAL

Johannes Leppik, New York, N. Y., assignor to Telsit Insulation Corporation, New York, N. Y., a corporation of Delaware

No Drawing. Application April 22, 1933, Serial No. 667,507

1 Claim. (Cl. 106—18)

A mixture for kneading with water to form a plastic heat insulating composition consisting by volume ratio:

Pure clay	0.8 to 1.3
Waste hemp fines	1.5 to 2.5
Balsa wood fine particles	4.5 to 8.0
Milled paper	1.2 to 2.2
Asbestos	1.2 to 2.5

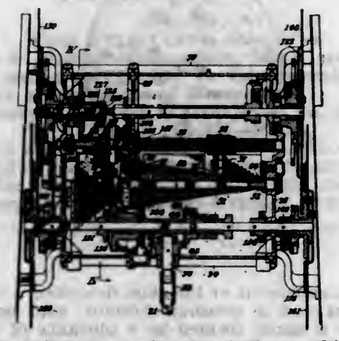
2,062,997

VARIABLE GEARING FOR COMPUTING MECHANISM

Elnar M. Orbeck, Norristown, Pa., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa., a corporation of Delaware

Application February 14, 1935, Serial No. 6,465

3 Claims. (Cl. 74—283)



1. In a change speed gear set, the combination with a rotatable driving element; of two groups of gears of different sizes; one of said groups representing units, and the other of said groups representing fractions of such a unit; means for separately actuating each of said groups from said single driving element; means for separately manually selecting gears in each group for connection with said driving element; a driven element; and means for aggregating the movements of said two groups, to move said driven element, comprising a train of planetary gearing, including two sun gears and a carrier in coaxial relation, and a planetary gear supported by said carrier; wherein the fraction of a unit mechanism is connected with said carrier to turn the latter when that mechanism is operative; and detent means for preventing said carrier from turning when said fraction of a unit mechanism is idle.

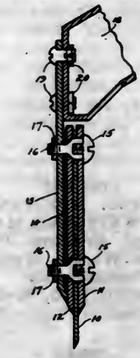
2,062,998

SCRAPING TOOL

Ruben O. Peterson, Chicago, Ill., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill., a corporation of Illinois

Application June 24, 1931, Serial No. 546,551

5 Claims. (Cl. 219—21)



1. A scraping tool comprising a blade, a cover plate, a plate of high heat conductivity on one side of said blade, a second plate of high heat conductivity on the other side of said blade, means including a flat electrical resistance element extending over the greater portion of said plates for heating said plates and said blade, other means including a member, having an enlarged head portion, extending through said cover plate, said resistance element and one of said plates for removably holding said resistance element and said plates in a unit structure, and a member engaging said enlarged head and cooperating therewith to removably hold said blade and said other plate to said unit structure.

2,062,999

MEANS FOR PRODUCING NOVEL KNITTED DOUBLE-FACED ELASTIC FABRICS

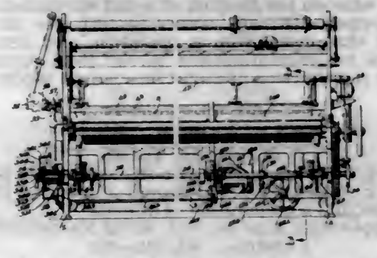
Frederic W. Plumb, West Reading, Pa., assignor to Narrow Fabric Company, West Reading, Pa., a corporation of Pennsylvania

Application July 28, 1933, Serial No. 682,612

9 Claims. (Cl. 66—84)

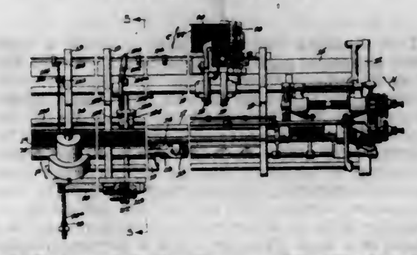
1. In combination, means to be controlled, control mechanism for said means, including elements cooperating to maintain the control mechanism in predetermined position relative to said controlled means and to move the control mechanism into another position relative to the controlled means, a needle-like selector, a member for cooperation with said selector having perforate and imperforate surfaces, said selector and said member being reciprocable relative to each other in the direction of the needle-like selector, said selector and said member being movable

relative to each other in another direction to present said perforate and imperforate surfaces to the selector, means for actuating said member to effect said other movement, a cam, means cooperating between said actuating means and the cam for selectively preventing actuation of said member, driving means, means for operating the



cam from the driving means at a lower speed than the driving means, means operated by the driving means for effecting said relative reciprocation between the needle-like selector and said member, and means actuating one of said elements in timed relation to the reciprocation of said member and the relatively slow movement of the cam.

2,063,000
YARN FEEDING MECHANISM FOR STRAIGHT KNITTING MACHINES
Max Richter, West Reading, Pa., assignor to Textile Machine Works, Wyomissing, Pa., a corporation of Pennsylvania
Application May 21, 1935, Serial No. 22,537
18 Claims. (Cl. 66—126)

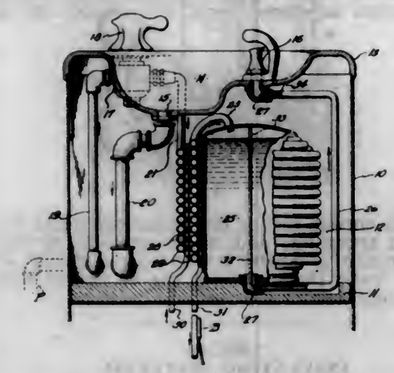


1. In a straight knitting machine, the combination with knitting mechanism including sinkers, a carrier rod, an actuator rod for the carrier rod, and a coulier-motion mechanism for operating the sinkers and the actuator rod, of means including a rotary clutch for operation, and providing a lost-motion connection, between the carrier and actuator rods and for maintaining the carrier rod in a position of constant lead relative to the operation of the sinkers.

2,063,001
CELLULOSIC SPINNING SOLUTION
Hellmut Siebourg, Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application July 16, 1934, Serial No. 735,433
3 Claims. (Cl. 106—40)

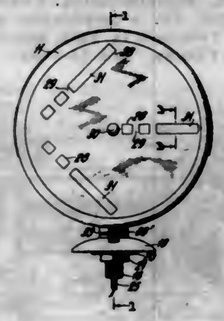
1. A spinning solution for the manufacture of soft-lustre products comprising a solution of the group consisting of viscose and cuprammonium cellulose and a petroleum fraction having a boiling point range of about 125 to 150° C.

2,063,002
LIQUID DISPENSING DEVICE
Lawrence C. Smith, Buffalo, N. Y., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y.
Application October 5, 1934, Serial No. 747,054
3 Claims. (Cl. 62—141)



2. A liquid dispensing circuit comprising a conduit connected to a source of liquid under pressure, a tank supplied by said conduit, a liquid delivery pipe communicating with the bottom of the tank, a valve in the conduit, an aspirator tube disposed within the said liquid delivery pipe and having one extremity protruding therefrom to the top of the tank, and heat exchange means associated with the tank.

2,063,003
SIGNAL DEVICE
William R. Curtiss, Meriden, Conn., assignor to Connecticut Telephone & Electric Corporation, Meriden, Conn., a corporation of Delaware
Application May 12, 1933, Serial No. 670,697
5 Claims. (Cl. 177—329)



2. In apparatus of the class described, a source of light and a housing therefor, said housing having a signal formed by a plurality of interrupted lines approaching one another on an opaque side thereof, said interrupted lines of said signal being constituted by a plurality of different-sized openings having substantially equal widths in said side, the smallest of said openings being nearest the region of closest proximity of said lines.

2,063,004
ART OF OBTAINING STEREOSCOPIC EFFECTS
Felix Louisot, Hasbrouck Heights, N. J., assignor to William M. Sheffield, New York, N. Y.
Application December 20, 1933, Serial No. 703,258
Renewed August 26, 1936
2 Claims. (Cl. 88—24)



1. A built up stereoscopic projection screen, comprising a plurality of relatively thin laminae of transparent material disposed vertically on edge and in face to face parallel relation with each other, each lamina partially retarding the penetration of the projected light rays therethrough whereby from front to rear of the screen successively fainter registrations of the projected picture image are received on the several laminae and the several laminae together coacting to blend the several registrations as a single stereoscopic picture image when the screen is viewed from the front, there being spacers between the several laminae and said spacers being of the same material as the laminae.

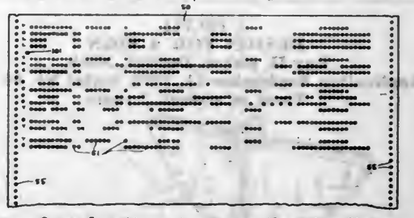
2,063,005
AIRPLANE
Oscar D. Payne, Fort Worth, Tex.
Application March 19, 1934, Serial No. 716,343
1 Claim. (Cl. 244—35)



In an airplane, a wing having an upper plate and a lower plate spaced apart, the upper plate being narrower than the lower plate, a plurality of rows of tubes between said plates and arranged parallel therewith and forming straight air channels leading from the forward margin to the rear margin of the wing, said tubes increasing in length from above downwardly and the rear ends of the tubes terminating in a common plane, the rear margins of said plates also terminating in said common plane.

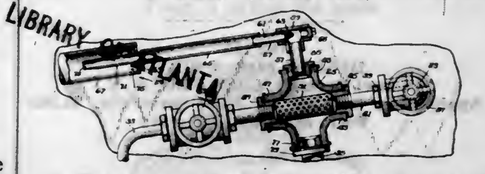
2,063,006
SIGN PRODUCING MACHINE
Louis L. Rustad, Minneapolis, Minn., assignor, by mesne assignments, to Telumigraph Company, a corporation of Minnesota
Application January 9, 1932, Serial No. 585,763
7 Claims. (Cl. 177—350)

1. In an electrical sign, a traveling sheet perforated in columns, each column being appropriated for the representation of a single character and containing perforations arranged singly or in predetermined combinations, a series of character representing units each consisting of a set of luminous units one for each possible perforation in a column, a plurality of sets of circuits, one set for each character representing unit, means for causing said circuits to be closed through the col-



umns of perforations to cause the simultaneous illumination of the sets of luminous units, and means for thereafter causing the sheet to be stepped the distance of one column to operatively correlate other columns with the sets of luminous units.

2,063,007
BOILER BLOW-OFF APPARATUS
August Kirchhofer, Nashville, Tenn., and William A. Kline, Columbus, Ga.
Application January 10, 1934, Serial No. 705,988
6 Claims. (Cl. 122—382)



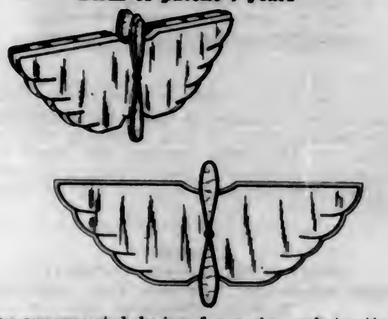
1. The combination with means forming a boiler blow-off device, of a strainer adapted to receive water and solid impurities delivered thereto from the boiler and to separate the water from the solid impurities, comprising a casing having aligned openings on its opposite sides and a water outlet intermediate said openings, one of said aligned openings comprising an inlet for water and impurities, means connecting the inlet to the boiler, the other aligned opening comprising an outlet for solid impurities, a drain pipe connected to said last named outlet, a foraminous screen extending in said casing between said aligned openings, the interior of said casing communicating with said aligned openings and the foraminous walls of said screen being exposed to said intermediate water outlet whereby water introduced into said foraminous element may escape through the foraminations thereof and thence through the intermediate outlet while the solid impurities remain trapped in the foraminous element, and valve means for controlling flow through said alined openings.

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DESIGNS

DECEMBER 1, 1936

102,121
DESIGN FOR A SIGN
Ray H. Baker, Detroit, Mich.
Application September 14, 1936, Serial No. 64,854
Term of patent 7 years



The ornamental design for a sign substantially as shown and described.

102,122
DESIGN FOR A SHOE
Israel Berman, Little Falls, N. Y.
Application October 29, 1936, Serial No. 65,563
Term of patent 3½ years



The ornamental design for a shoe substantially as shown.

102,123
DESIGN FOR A SHOE
Israel Berman, Little Falls, N. Y.
Application October 29, 1936, Serial No. 65,564
Term of patent 3½ years



The ornamental design for a shoe substantially as shown.

102,124
DESIGN FOR A SHOE
Israel Berman, Little Falls, N. Y.
Application October 29, 1936, Serial No. 65,565
Term of patent 3½ years



The ornamental design for a shoe substantially as shown.

102,125
DESIGN FOR A SHOE
Israel Berman, Little Falls, N. Y.
Application October 29, 1936, Serial No. 65,566
Term of patent 3½ years



The ornamental design for a shoe substantially as shown.

102,126
DESIGN FOR A CANDY FIGURE
Willard E. Cook, Shaker Heights, Ohio, assignor to Cook Specialty Company, Cleveland, Ohio, a corporation of Ohio
Application October 9, 1936, Serial No. 65,226
Term of patent 7 years



The ornamental design for a candy figure, substantially as shown.

102,127
DESIGN FOR AN OPHTHALMIC MOUNTING
Charles O. Cozzens and Edward M. Splaine, Southbridge, Mass., assignors to American Optical Company, Southbridge, Mass, a voluntary association of Massachusetts
Application October 12, 1935, Serial No. 58,964
Term of patent 14 years



The ornamental design for an ophthalmic mounting, substantially as shown and described.

102,128
DESIGN FOR A SHOE
Samuel Fradkin, Lewiston, Maine
Application July 13, 1936, Serial No. 63,826
Term of patent 3½ years



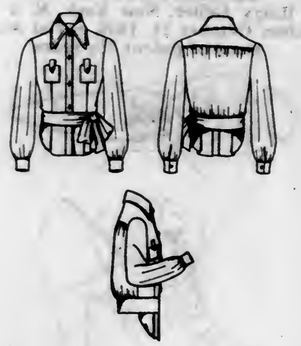
The ornamental design for a shoe, as shown.

102,129
DESIGN FOR A BUCKLE
John B. Freysinger, New Britain, Conn.
Application September 17, 1936, Serial No. 64,895
Term of patent 3½ years



The ornamental design for a buckle, as shown.

102,130
DESIGN FOR A BLOUSE
Irving Geist, New York, N. Y.
Application November 9, 1936, Serial No. 65,783
Term of patent 3½ years



The ornamental design for a blouse, substantially as shown.

102,131
DESIGN FOR A SHOE
Harry Geller, New York, N. Y.
Application October 24, 1936, Serial No. 65,480
Term of patent 3½ years



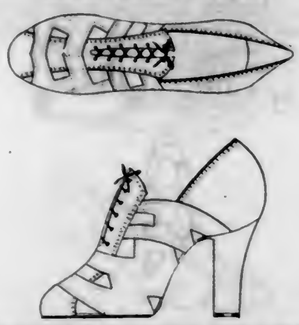
The ornamental design for a shoe as shown.

102,132
DESIGN FOR A SHOE
Harry Geller, New York, N. Y.
Application October 24, 1936, Serial No. 65,481
Term of patent 3½ years



The ornamental design for a shoe as shown.

102,133
DESIGN FOR A SHOE
Harry Geller, New York, N. Y.
Application October 24, 1936, Serial No. 65,482
Term of patent 3½ years



The ornamental design for a shoe as shown

102,134
DESIGN FOR A SHOE
Leon Goldberg, New York, N. Y.
Application October 24, 1936, Serial No. 65,483
Term of patent 3½ years



The ornamental design for a shoe substantially as shown.

102,135
DESIGN FOR AN ASTROLOGICAL CHART
Warren P. Goshorn, Kansas City, Mo.
Application September 28, 1936, Serial No. 65,039
Term of patent 7 years



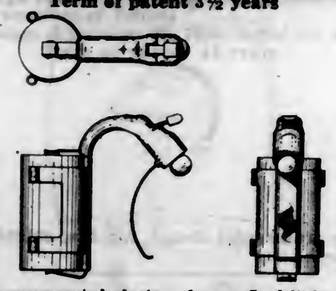
The ornamental design for an astrological chart, as shown.

102,136
DESIGN FOR A SHOE
Emanuel Grossman, New York, N. Y.
Application October 24, 1936, Serial No. 65,477
Term of patent 3½ years



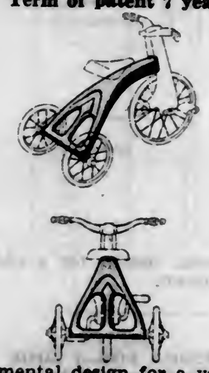
The ornamental design for a shoe as shown.

102,137
DESIGN FOR A FLASHLIGHT
Karl H. Kalberer, Oakland, Calif.
Application September 14, 1936, Serial No. 64,850
Term of patent 3½ years



The ornamental design for a flashlight, substantially as shown.

102,138
DESIGN FOR A VELOCIPEDE
Herman L. Kraeft, Cleveland Heights, Ohio, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application April 8, 1936, Serial No. 62,005
Term of patent 7 years



The ornamental design for a velocipede, substantially as shown and described.

102,139
DESIGN FOR A SHOE
Henry Lifschutz, Brooklyn, N. Y.
Application October 27, 1936, Serial No. 65,527
Term of patent 3½ years



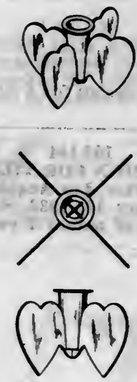
The ornamental design for a shoe substantially as shown.

102,140
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Charles Miller, New York, N. Y.
Application October 22, 1936, Serial No. 65,426
Term of patent 3½ years



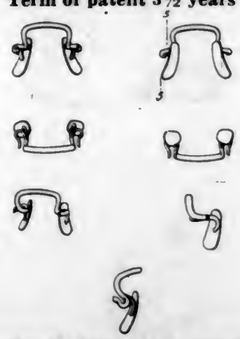
The ornamental design for a shoe or similar article, substantially as shown.

102,141
DESIGN FOR A CANDLE HOLDER
Byron G. Newton, Syracuse, N. Y., assignor to Mack Miller Candle Co., Syracuse, N. Y., a corporation of New York
Application October 12, 1936, Serial No. 65,262
Term of patent 14 years



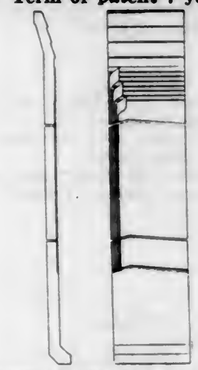
The ornamental design for a candle holder, as shown.

102,142
DESIGN FOR A CENTER BRIDGE FOR EYEGLASSES OR SIMILAR ARTICLES
Raymond L. Obrig, East Orange, N. J., assignor to Continental Optical Company, Inc., Rochester, N. Y., a corporation of Indiana
Application June 22, 1936, Serial No. 63,436
Term of patent 3½ years



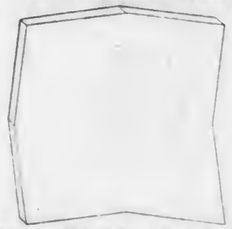
The ornamental design for a center bridge for eyeglasses or similar articles as shown and described.

102,143
DESIGN FOR A TILE UNIT
Eugene Parker, Los Angeles, Calif.
Application January 13, 1936, Serial No. 60,544
Term of patent 7 years



The ornamental design for a tile unit, substantially as shown.

102,144
DESIGN FOR TILE
Eugene Parker, Los Angeles, Calif.
Application January 13, 1936, Serial No. 60,547
Term of patent 7 years



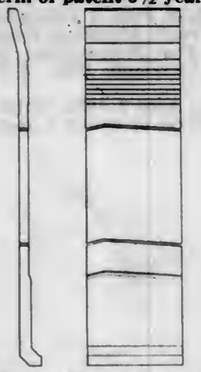
The ornamental design for tile, substantially as shown.

102,145
DESIGN FOR TILE
Eugene Parker, Los Angeles, Calif.
Application January 13, 1936, Serial No. 60,548
Term of patent 14 years



The ornamental design for tile, substantially as shown.

102,146
DESIGN FOR A TILE UNIT
Eugene Parker, Los Angeles, Calif.
Application January 15, 1936, Serial No. 60,589
Term of patent 3½ years



The ornamental design for a tile unit, substantially as shown.

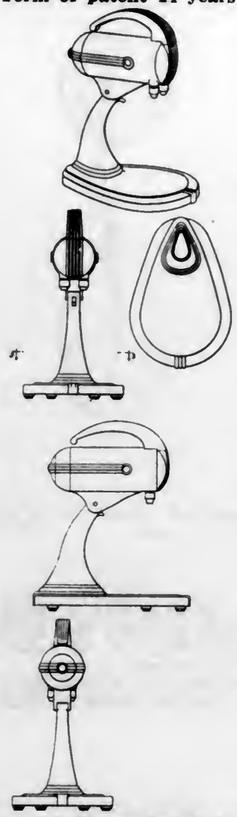
102,147
DESIGN FOR A SHOE
Murray J. Rosenthal, Lynn, Mass.
Application September 29, 1936, Serial No. 65,043
Term of patent 3½ years





The ornamental design for a shoe substantially as shown and described.

102,148
DESIGN FOR AN ELECTRIC FOOD MIXER OR SIMILAR ARTICLE
George T. Scharfenberg, Chicago, Ill., assignor to Chicago Flexible Shaft Company, Chicago, Ill., a corporation of Illinois
Application September 24, 1936, Serial No. 64,996
Term of patent 14 years



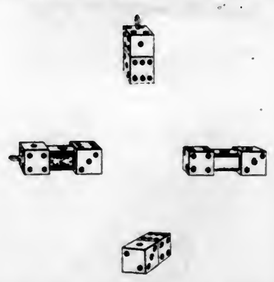
The ornamental design for an electric food mixer or similar article substantially as shown.

102,149
DESIGN FOR A FLASHLIGHT BASE CAP
Donald L. Spender, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application October 2, 1936, Serial No. 65,137
Term of patent 14 years



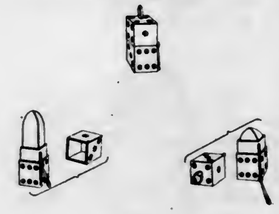
The ornamental design for a flashlight base cap substantially as shown.

102,150
DESIGN FOR A WATCHCASE
Macy H. Stein and Max S. Stein, New York, N. Y.
Application June 11, 1936, Serial No. 63,232
Term of patent 14 years



The ornamental design for a watchcase, substantially as shown and described.

102,151
DESIGN FOR A COMBINATION LIPSTICK AND HOLDER THEREFOR
Macy H. Stein and Max S. Stein, New York, N. Y.
Original design application June 11, 1936, Serial No. 63,232. Divided and this application August 18, 1936, Serial No. 64,460
Term of patent 14 years



The ornamental design for a combination lipstick and holder therefor, substantially as shown and described.

102,152
DESIGN FOR A SANDAL
Emil H. Strassburger, New York, N. Y.
Application October 29, 1936, Serial No. 65,561
Term of patent 3½ years



The ornamental design for a sandal as shown.

102,153
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Alfred Vamos, Brooklyn, N. Y.
Application October 26, 1936, Serial No. 65,508
Term of patent 3½ years





The ornamental design for a shoe or similar article, substantially as shown.

102,154
DESIGN FOR AN ATOMIZER CASE
Frederic A. Vuillemenot, Toledo, Ohio
Application October 23, 1936, Serial No. 65,450
Term of patent 7 years

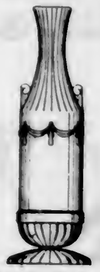




The ornamental design for an atomizer case, substantially as shown.

102,155
DESIGN FOR AN ATOMIZER CASE
Frederic A. Vuillemenot, Toledo, Ohio
Application October 23, 1936, Serial No. 65,452
Term of patent 7 years





The ornamental design for an atomizer case, substantially as shown.

102,156
DESIGN FOR AN ATOMIZER CASE
Frederic A. Vuillemenot, Toledo, Ohio
Application October 23, 1936, Serial No. 65,453
Term of patent 7 years





The ornamental design for an atomizer case, substantially as shown.

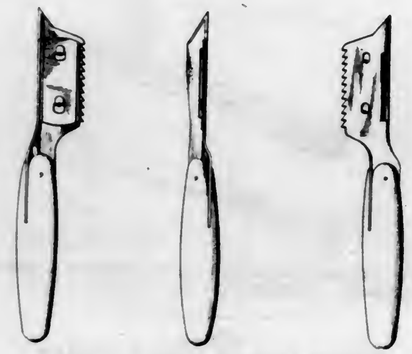
102,157
DESIGN FOR A SHOE
John J. Walsh, St. Louis, Mo., assignor to Hamilton, Brown Shoe Co., St. Louis, Mo., a corporation of Missouri
Application October 28, 1936, Serial No. 65,552
Term of patent 3½ years





The ornamental design for a shoe, substantially as shown.

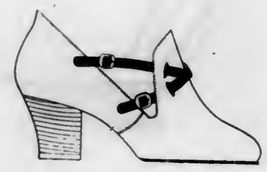
102,158
DESIGN FOR A PARER OR SIMILAR ARTICLE
Fred Wisser, Elmhurst, N. Y.
Application July 22, 1936, Serial No. 63,976
Term of patent 14 years



The ornamental design for a parer or similar article, as shown.

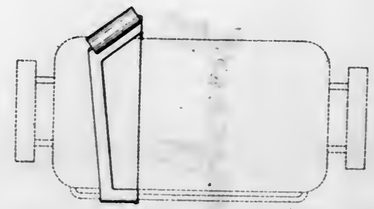
102,159
DESIGN FOR A SHOE
Harland F. Wright, New York, N. Y., assignor to Stetson Shoe Co., Inc., South Weymouth, Mass.
Application October 29, 1936, Serial No. 65,567
Term of patent 3½ years

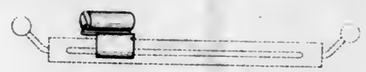




The ornamental design for a shoe substantially as shown.

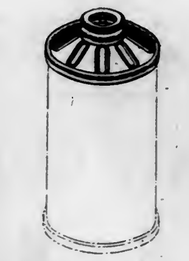
102,160
DESIGN FOR A TABLE SERVER FOR CHEESE OR THE LIKE
Walter K. Youngberg, Meriden, Conn.
Application March 31, 1936, Serial No. 61,873
Term of patent 14 years

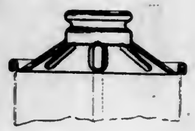




The ornamental design for a table server for cheese or the like, substantially as shown and described.

102,161
DESIGN FOR A CAN
Isaac W. England, Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y., a corporation of New York
Application November 14, 1935, Serial No. 59,571
Term of patent 14 years





The ornamental design for a can, as shown and described.

102,162
DESIGN FOR A BRACELET, OR SIMILAR ARTICLE
Simonne Gerli, New York, N. Y.
Application October 12, 1936, Serial No. 65,253
Term of patent 3½ years



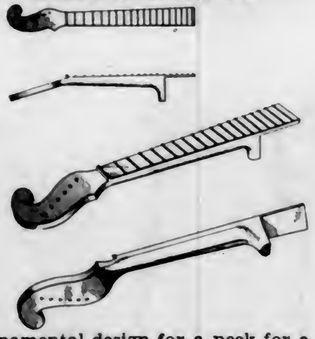
The ornamental design for a bracelet, or similar article, substantially as shown.

102,163
DESIGN FOR A TENNIS RACKET OR SIMILAR ARTICLE
Horace W. Hall, Newton, Mass.
Application May 23, 1936, Serial No. 62,799
Term of patent 14 years



The ornamental design for a tennis racket or similar article substantially as shown and described.

102,164
DESIGN FOR A NECK FOR A STRING INSTRUMENT
Herbert A. Harlin, Indianapolis, Ind.
Application September 12, 1936, Serial No. 64,834
Term of patent 7 years



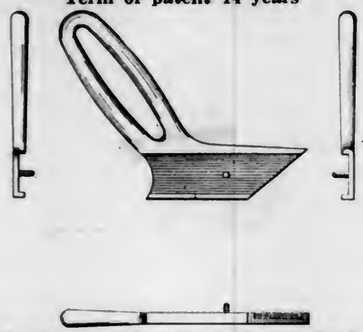
The ornamental design for a neck for a string instrument, substantially as shown.

102,165
DESIGN FOR AN EDIBLE TABLET
Clen S. Humphrey, Brooklyn, N. Y.
Application June 29, 1936, Serial No. 63,571
Term of patent 14 years



The ornamental design for an edible tablet substantially as shown.

102,166
DESIGN FOR A HANDLE FOR KNIVES
Mark Kirstein, Rochester, N. Y.
Application June 11, 1936, Serial No. 63,238
Term of patent 14 years



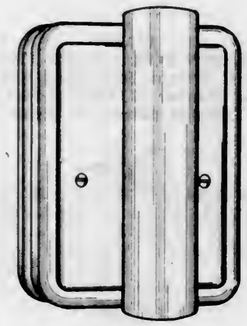
The ornamental design for a handle for knives, as shown.

102,167
DESIGN FOR A RING
Harry Kousin, New York, N. Y.
Application October 13, 1936, Serial No. 65,282
Term of patent 7 years



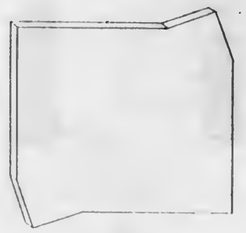
The ornamental design for a ring as shown.

102,168
DESIGN FOR A SIGNAL CHIME
Edward Matousek, Berwyn, Ill., assignor to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application June 5, 1935, Serial No. 57,144
Term of patent 14 years



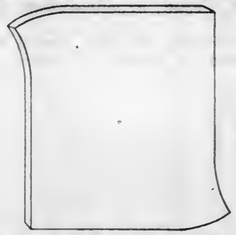
The ornamental design for a signal chime, as shown.

102,169
DESIGN FOR TILE
Eugene Parker, Los Angeles, Calif.
Application January 13, 1936, Serial No. 60,545
Term of patent 3½ years



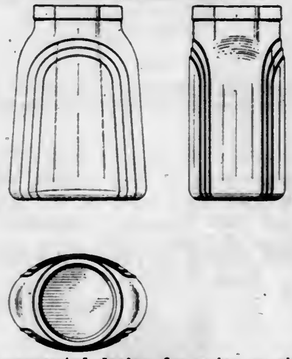
The ornamental design for tile substantially as shown.

102,170
DESIGN FOR TILE
Eugene Parker, Los Angeles, Calif.
Application January 13, 1936, Serial No. 60,546
Term of patent 3½ years



The ornamental design for tile substantially as shown.

102,171
DESIGN FOR A JAR OR SIMILAR ARTICLE
Theodore J. Piazzoli, Connellsville, Pa., assignor to Capstan Glass Company, Connellsville, Pa., a corporation of Delaware
Application October 9, 1936, Serial No. 65,224
Term of patent 14 years



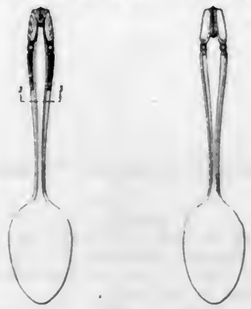
The ornamental design for a jar or similar article, substantially as shown.

102,172
DESIGN FOR A BOTTLE
Elsa Schiaparelli, Paris, France, assignor to Societe Anonyme Schiaparelli, Paris, France, a corporation of France
Application September 17, 1936, Serial No. 64,894
Term of patent 14 years



The ornamental design for a bottle as shown.

102,173
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
William S. Warren, Meriden, Conn., assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn., a corporation of Connecticut
Application October 20, 1936, Serial No. 65,385
Term of patent 14 years





The ornamental design for a spoon or other article of flatware, substantially as shown.

102,174
DESIGN FOR A CONTAINER CAP
Georges Wilmet, New York, N. Y., assignor to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania
Application August 24, 1936, Serial No. 64,534
Term of patent 7 years





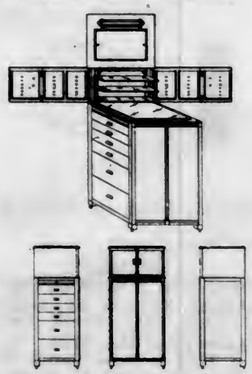
The ornamental design for a container cap, as shown.

102,175
DESIGN FOR A NOVELTY THERMOMETER
John Bancroft, Jr., Wilmington, Del.
Application September 4, 1936, Serial No. 64,726
Term of patent 7 years



The ornamental design for a novelty thermometer as shown and described.

102,176
DESIGN FOR AN OPTICAL DISPLAY CABINET
Boris Chaney, Los Angeles, Calif.
Application October 10, 1936, Serial No. 65,241
Term of patent 7 years



The ornamental design for an optical display cabinet as shown.

102,177
DESIGN FOR A CUFF LINK
George F. Brecht, Richmond Hill, N. Y.
Application October 27, 1936, Serial No. 65,528
Term of patent 3½ years





The ornamental design for a cuff link, substantially as shown.

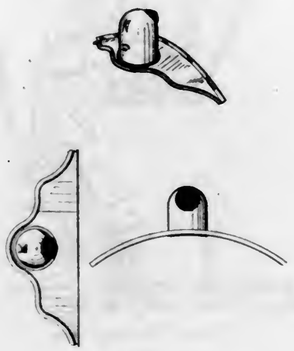
102,178
DESIGN FOR A PERFUME BOTTLE OR SIMILAR CONTAINER
Burtis J. Dolan, Chicago, Ill., assignor to Lucien Lelong Inc., Chicago, Ill., a corporation of Illinois
Application July 18, 1936, Serial No. 64,167
Term of patent 3½ years





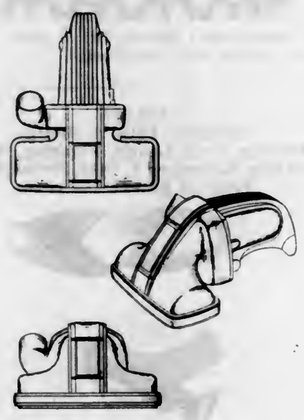
The ornamental design for a perfume bottle or similar container, as shown.

102,179
DESIGN FOR A MOTOR VEHICLE HEAD LAMP ATTACHMENT OR SIMILAR ARTICLE
Harold B. Donley, Columbus, Ohio, assignor to Columbus Metal Products Inc., Columbus, Ohio, a corporation of Ohio
Application September 15, 1934, Serial No. 53,295
Term of patent 7 years



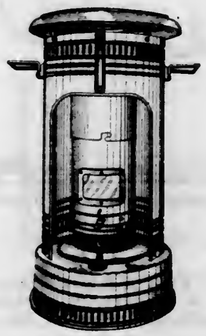
The ornamental design for a motor vehicle head lamp attachment or similar article, as shown.

102,180
DESIGN FOR A CASING FOR A SUCTION CLEANER OR SIMILAR ARTICLE
Henry Dreyfuss, New York, N. Y., assignor to The Hoover Company, North Canton, Ohio, a corporation of Ohio
Application October 26, 1936, Serial No. 65,521
Term of patent 14 years



The ornamental design for a casing for a suction cleaner or similar article, as shown.

102,181
DESIGN FOR A HEATING STOVE
Walter B. Engh, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill., a corporation of Illinois
Application September 30, 1936, Serial No. 65,074
Term of patent 14 years



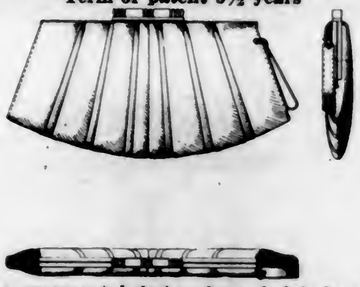
The ornamental design for a heating stove, substantially as shown.

102,182
DESIGN FOR A SALESMAN'S DISPLAY TRAILER
Charles T. Falk, Kansas City, Mo.
Application August 24, 1936, Serial No. 64,554
Term of patent 3½ years



The ornamental design for a salesman's display trailer, as shown and described.

102,183
DESIGN FOR A LADY'S HANDBAG
Henri Felmann, Chicago, Ill., assignor to Morris, Mann & Reilly, Inc., Chicago, Ill., a corporation of Illinois
Application September 16, 1936, Serial No. 64,875
Term of patent 3½ years



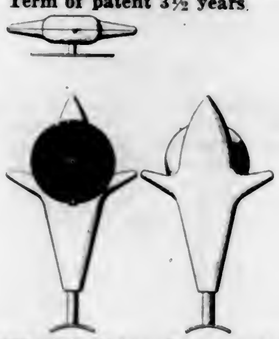
The ornamental design for a lady's handbag, as shown.

102,184
DESIGN FOR A LADY'S HANDBAG
Henri Felmann, Chicago, Ill., assignor to Morris, Mann & Reilly, Inc., Chicago, Ill., a corporation of Illinois
Application September 16, 1936, Serial No. 64,876
Term of patent 3½ years



The ornamental design for a lady's hand bag, as shown.

102,185
DESIGN FOR A POCKET GAME DEVICE
Henry Herion, New York, N. Y.
Application October 7, 1936, Serial No. 65,195
Term of patent 3½ years



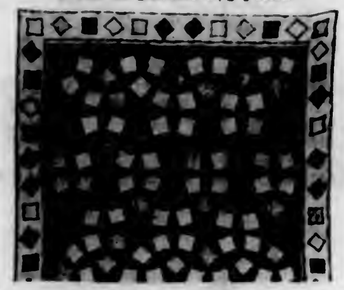
The ornamental design for a pocket game device, as shown.

102,186
DESIGN FOR A FLOOR SURFACING MACHINE
William E. Holt, Newark, N. J.
Application March 28, 1936, Serial No. 61,832
Term of patent 14 years



The ornamental design for a floor surfacing machine, as shown and described.

102,187
DESIGN FOR A SCARF
Edgar C. Hyman, New York, N. Y.
Application October 15, 1936, Serial No. 65,311
Term of patent 3½ years



The ornamental design for a scarf, substantially as shown and described.

102,188
DESIGN FOR A SHOE
William Scott Laurie, Flushing, N. Y.
Application November 7, 1936, Serial No. 65,750
Term of patent 3½ years



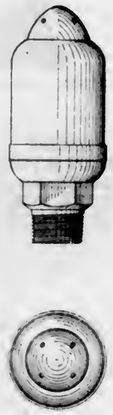
The ornamental design for a shoe, substantially as shown.

102,189
DESIGN FOR A SHOE
William Scott Laurie, Flushing, N. Y.
Application November 7, 1936, Serial No. 65,751
Term of patent 3½ years



The ornamental design for a shoe, substantially as shown.

102,190
DESIGN FOR AN AIR VALVE
Hervey L. MacCowan, Chicago, Ill., assignor to The Dole Valve Company, Chicago, Ill., a corporation of Illinois
Application October 2, 1935, Serial No. 58,794
Term of patent 14 years



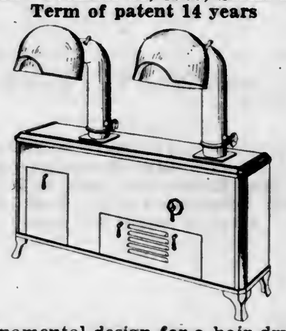
The ornamental design for an air valve, substantially as shown.

102,191
DESIGN FOR AN ANDIRON
Isabel Marshall, Ridgefield, Conn.
Application September 22, 1936, Serial No. 64,956
Term of patent 3½ years



The ornamental design for an andiron as shown.

102,192
DESIGN FOR A HAIR DRYING CABINET
Philip H. Ordin and Jack Barney Ordin, Los Angeles, Calif.
Application November 26, 1935, Serial No. 59,775
Term of patent 14 years



The ornamental design for a hair drying cabinet, substantially as shown and described.

102,193
DESIGN FOR A SHOE OR SIMILAR ARTICLE
André Perugia, Paris, France
Application November 7, 1936, Serial No. 65,763
Term of patent 3½ years



The ornamental design for a shoe or similar article, substantially as shown.

102,194
DESIGN FOR A PHONOGRAPH CABINET
David C. Rockola, Chicago, Ill.
Application October 12, 1936, Serial No. 65,264
Term of patent 3½ years



The ornamental design for a phonograph cabinet, as shown.

102,195
DESIGN FOR A SANDAL
Ann Rosen, New York, N. Y.
Application November 7, 1936, Serial No. 65,771
Term of patent 3½ years



The ornamental design for a sandal as shown.

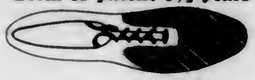
102,196
DESIGN FOR A SHOE
Harry Sobel, Los Angeles, Calif.
Application November 7, 1936, Serial No. 65,749
Term of patent 3½ years





The ornamental design for a shoe substantially as shown.

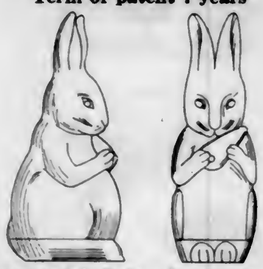
102,197
DESIGN FOR A SHOE
Abraham Turiansky, New York, N. Y.
Application November 5, 1936, Serial No. 65,712
Term of patent 3½ years





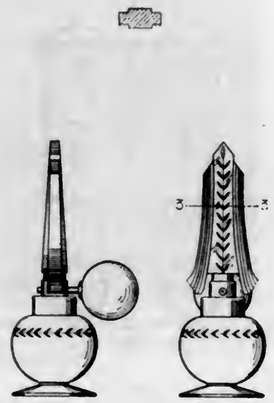
The ornamental design for a shoe substantially as shown.

102,198
DESIGN FOR AN ATOMIZER CASE
Frederic A. Vuillemenot, Toledo, Ohio
Application October 23, 1936, Serial No. 65,454
Term of patent 7 years



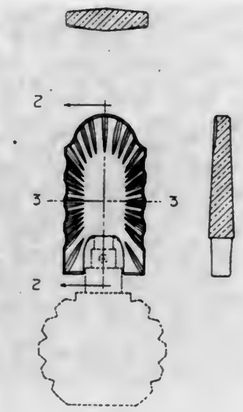
The ornamental design for an atomizer case, substantially as shown.

102,199
DESIGN FOR AN ATOMIZER
Frederic A. Vuillemenot, Toledo, Ohio
Application October 23, 1936, Serial No. 65,456
Term of patent 7 years



The ornamental design for an atomizer, substantially as shown.

102,200
DESIGN FOR AN ATOMIZER
Frederic A. Vuillemenot, Toledo, Ohio
Application October 23, 1936, Serial No. 65,457
Term of patent 7 years



The ornamental design for an atomizer, substantially as shown and described.

102,201
DESIGN FOR AN ATOMIZER
Frederic A. Vuillemenot, Toledo, Ohio
Application October 23, 1936, Serial No. 65,458
Term of patent 7 years



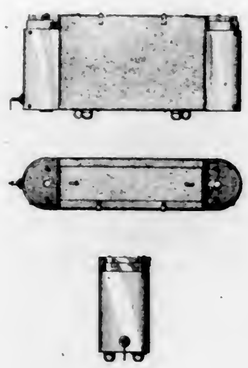
The ornamental design for an atomizer, substantially as shown and described.

102,202
DESIGN FOR AN ATOMIZER
Frederic A. Vuillemenot, Toledo, Ohio
Application October 23, 1936, Serial No. 65,459
Term of patent 7 years



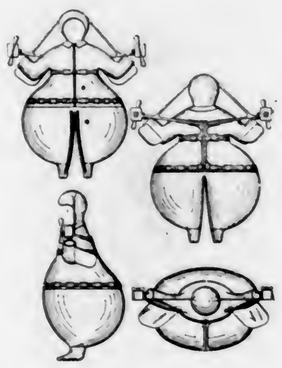
The ornamental design for an atomizer, substantially as shown and described.

102,203
DESIGN FOR AN ELECTRIC TRANSFORMER
James A. Comstock, Cleveland, Ohio, assignor to The Acme Electric & Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application September 29, 1936, Serial No. 65,066
Term of patent 7 years



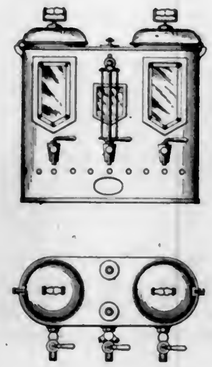
The ornamental design for an electric transformer substantially as shown.

102,204
DESIGN FOR A MASQUERADE FLYING SUIT
Michael Couchman, New York, N. Y.
Application June 3, 1936, Serial No. 62,984
Term of patent 3½ years



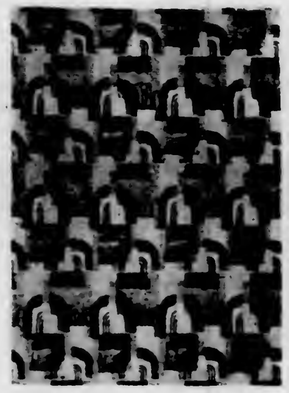
The ornamental design for a masquerade flying suit, as shown.

102,205
DESIGN FOR A COFFEE URN
Mike H. Emmer, Los Angeles, Calif.
Application October 12, 1936, Serial No. 65,268
Term of patent 3½ years



The ornamental design for a coffee urn, as shown.

102,206
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE OF MANUFACTURE
Curt Oscar Hesse, New York, N. Y., assignor to The Pantasote Leather Company, Passaic, N. J., a corporation of New Jersey
Application October 26, 1936, Serial No. 65,498
Term of patent 7 years



The ornamental design for a textile fabric or similar article of manufacture, substantially as shown and described.

102,207
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE OF MANUFACTURE
Curt Oscar Hesse, New York, N. Y., assignor to The Pantasote Leather Company, Passaic, N. J., a corporation of New Jersey
Application October 26, 1936, Serial No. 65,499
Term of patent 7 years



The ornamental design for a textile fabric or similar article of manufacture substantially as shown and described.

102,208
DESIGN FOR AN ELASTIC FABRIC
Otto Eugene Huber, Reading, Pa., assignor to The Narrow Fabric Company, West Reading, Pa., a corporation of Pennsylvania
Application October 24, 1936, Serial No. 65,487
Term of patent 7 years





The ornamental design for an elastic fabric as shown and described.

102,209
DESIGN FOR A BABY'S BED
J. Russell Kuhn, Oklahoma City, Okla.
Application July 8, 1936, Serial No. 63,715
Term of patent 14 years



The ornamental design for a baby's bed, as shown and described.

102,210
DESIGN FOR AN ELASTIC FABRIC
Nicholas Leeber, Detroit, Mich., assignor to The F. A. Ritter Co., Detroit, Mich.
Application August 20, 1936, Serial No. 64,487
Term of patent 7 years



The ornamental design for an elastic fabric, as shown and described.

102,211
DESIGN FOR A COVER FOR SPARE WHEELS AND TIRES OF AUTOMOTIVE VEHICLES, OR SIMILAR ARTICLE
George Albert Lyon, Detroit, Mich., assignor to Lyon Incorporated, Detroit, Mich., a corporation of Delaware
Application April 9, 1936, Serial No. 62,027
Term of patent 14 years



The ornamental design for a cover for spare wheels and tires of automotive vehicles, or similar article, substantially as shown.

102,212
DESIGN FOR A COMBINED SALT SHAKER, PEPPER SHAKER, AND STAND THEREFOR
Charles F. Simms, Concord, N. H., assignor to Concord Silversmiths Corporation, Concord, N. H., a corporation of New Hampshire
Application August 24, 1936, Serial No. 64,540
Term of patent 3½ years



The ornamental design for a combined salt shaker, pepper shaker and stand therefor, substantially as shown.

102,213
DESIGN FOR A BOTTLE NIPPLE
Nat P. Steckler, New York, N. Y.
Application August 27, 1936, Serial No. 64,589
Term of patent 14 years



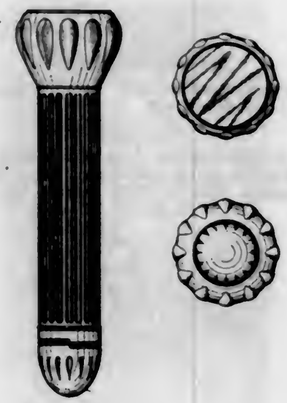
The ornamental design for a bottle nipple, as shown and described.

102,214
DESIGN FOR A PLASTIC TUBE OR SIMILAR ARTICLE
Edmund H. Tyson, Caldwell, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application July 15, 1936, Serial No. 63,862
Term of patent 7 years



The ornamental design for a plastic tube or similar article, substantially as shown and described.

102,215
DESIGN FOR A FLASHLIGHT CASING
William R. Westfall, Kew Gardens, N. Y., and Donald L. Spender, Waterbury, Conn., assignors to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application October 2, 1936, Serial No. 65,138
Term of patent 14 years



The ornamental design for a flashlight casing substantially as shown.

102,216
DESIGN FOR A LACE
Jack Wiener, New York, N. Y.
Application November 7, 1936, Serial No. 65,752
Term of patent 3½ years



The ornamental design for a lace substantially as shown and described.

102,217
DESIGN FOR A LACE
Jack Wiener, New York, N. Y.
Application November 7, 1936, Serial No. 65,753
Term of patent 3½ years



The ornamental design for a lace substantially as shown and described.

102,218
DESIGN FOR A LACE
Jack Wiener, New York, N. Y.
Application November 7, 1936, Serial No. 65,754
Term of patent 3½ years



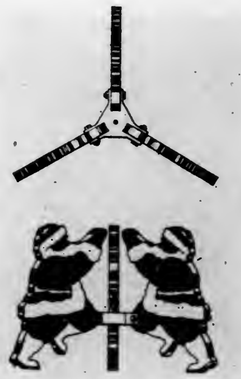
The ornamental design for a lace substantially as shown and described.

102,219
DESIGN FOR A LACE
Jack Wiener, New York, N. Y.
Application November 7, 1936, Serial No. 65,755
Term of patent 3½ years



The ornamental design for a lace substantially as shown and described.

102,220
DESIGN FOR A CHRISTMAS TREE HOLDER
Kenneth A. Bird and Edward E. Farley, Pocatello, Idaho
Application March 24, 1936, Serial No. 61,770
Term of patent 14 years



The ornamental design for a Christmas tree holder, as shown.

102,221
DESIGN FOR A TEXTILE FABRIC
Jack J. Blackstone, New York, N. Y.
Application November 2, 1936, Serial No. 65,634
Term of patent 3½ years



The ornamental design for a textile fabric substantially as shown and described.

102,222
DESIGN FOR AN EMBROIDERED NET
Jack J. Blackstone, New York, N. Y.
Application November 5, 1936, Serial No. 65,711
Term of patent 3½ years



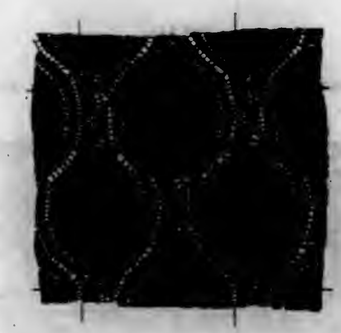
The ornamental design for an embroidered net substantially as shown.

102,223
DESIGN FOR A LACE
Bert Edson, Pawtucket, R. I., assignor to New England Lace Mills Inc., New York, N. Y.
Application October 27, 1936, Serial No. 65,525
Term of patent 3½ years



The ornamental design for a lace substantially as shown.

102,224
DESIGN FOR A LACE
Bert Edson, Pawtucket, R. I.
Application November 10, 1936, Serial No. 65,814
Term of patent 3½ years



The ornamental design for a lace, substantially as shown and described.

102,225
DESIGN FOR A SHOE
Sadie Erdos, New York, N. Y.
Application November 10, 1936, Serial No. 65,816
Term of patent 3½ years



The ornamental design for a shoe, substantially as shown.

102,226
DESIGN FOR A BUTTON
Abraham H. Feuerstein, New York, N. Y.
Application July 17, 1936, Serial No. 63,896
Term of patent 7 years



The ornamental design for a button, as shown.

102,227
DESIGN FOR A COMFORTABLE
Joseph Goodstein, New York, N. Y.
Application November 9, 1936, Serial No. 65,785
Term of patent 3½ years



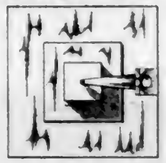
The ornamental design for a comfortable, substantially as shown and described.

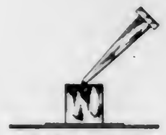
102,228
DESIGN FOR LACE
Maurice J. Hertz, New York, N. Y.
Application November 6, 1936, Serial No. 65,726
Term of patent 3½ years



The ornamental design for lace, substantially as shown.

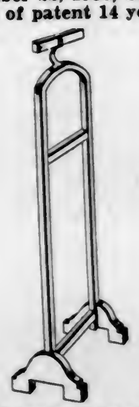
102,229
DESIGN FOR A PEN STAND
Edward Kanter, Cleveland Heights, Ohio
Application August 14, 1933, Serial No. 49,014
Term of patent 7 years





The ornamental design for a pen stand substantially as shown.

102,230
DESIGN FOR A CLOTHES HANGER
Juan Lagomarsino, Montevideo, Uruguay
Application October 22, 1936, Serial No. 65,428
Term of patent 14 years



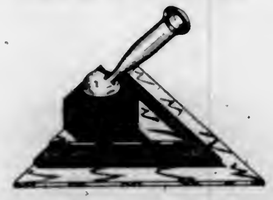
The ornamental design for a clothes hanger as shown.

102,231
DESIGN FOR A PEN STAND
Sidney M. Masse, Cleveland, Ohio
Application November 9, 1933, Serial No. 49,679
Term of patent 14 years



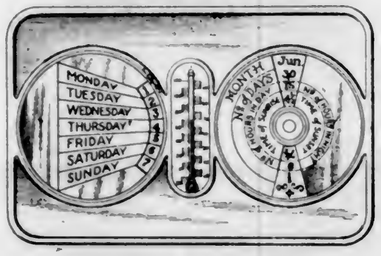
The ornamental design for a pen stand substantially as shown.

102,232
DESIGN FOR A PEN STAND
Sidney M. Masse, Cleveland, Ohio
Application November 9, 1933, Serial No. 49,680
Term of patent 14 years



The ornamental design for a pen stand substantially as shown.

102,233
DESIGN FOR A COMBINED THERMOMETER AND PERPETUAL CALENDAR
Nicholas Rispoli, Cleveland, Ohio
Application September 15, 1936, Serial No. 64,870
Term of patent 7 years



The ornamental design for a combined thermometer and perpetual calendar, as shown and described.

102,234
DESIGN FOR A SHOE
Theodore Samuels, St. Louis, Mo.
Application November 10, 1936, Serial No. 65,823
Term of patent 3½ years



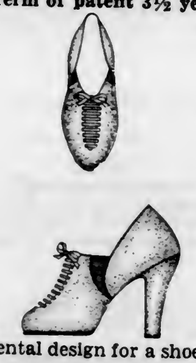
The ornamental design for a shoe, substantially as shown.

102,235
DESIGN FOR A SHOE
Theodore Samuels, St. Louis, Mo.
Application November 10, 1936, Serial No. 65,825
Term of patent 3½ years



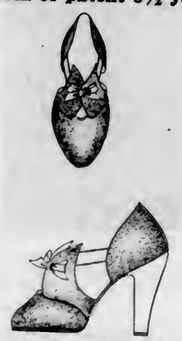
The ornamental design for a shoe, substantially as shown.

102,236
DESIGN FOR A SHOE
Theodore Samuels, St. Louis, Mo.
Application November 10, 1936, Serial No. 65,826
Term of patent 3½ years



The ornamental design for a shoe, substantially as shown.

102,237
DESIGN FOR A SHOE
Theodore Samuels, St. Louis, Mo.
Application November 10, 1936, Serial No. 65,827
Term of patent 3½ years



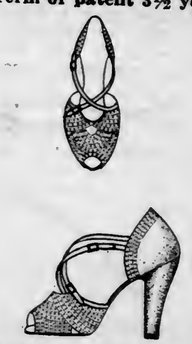
The ornamental design for a shoe substantially as shown.

102,238
DESIGN FOR A SHOE
Theodore Samuels, St. Louis, Mo.
Application November 10, 1936, Serial No. 65,828
Term of patent 3½ years



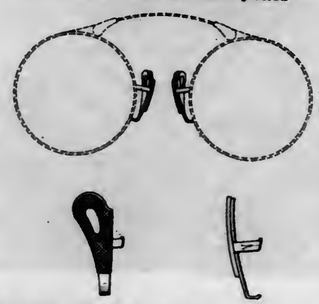
The ornamental design for a shoe substantially as shown.

102,239
DESIGN FOR A SHOE
Theodore Samuels, St. Louis, Mo.
Application November 10, 1936, Serial No. 65,829
Term of patent 3½ years



The ornamental design for a shoe substantially as shown.

102,240
DESIGN FOR AN EYEGLASS FRAME
Isaac M. Schwab, Savannah, Ga.
Application August 25, 1936, Serial No. 64,570
Term of patent 7 years



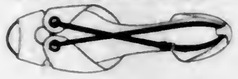
The ornamental design for an eye glass frame, as shown and described.

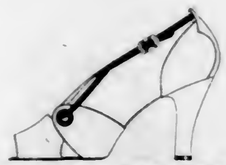
102,241
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Edward A. Smith, Haworth, N. J., assignor to Collins & Aikman Corporation, Philadelphia, Pa., a corporation of Delaware
Application June 11, 1936, Serial No. 63,223
Term of patent 14 years



The ornamental design for a textile fabric or similar article as shown and described.

102,242
DESIGN FOR A SHOE
Harry Sobel, Los Angeles, Calif.
Application November 10, 1936, Serial No. 65,822
Term of patent 3½ years





The ornamental design for a shoe substantially as shown.

102,243
DESIGN FOR A LACE
Jack Wiener, New York, N. Y.
Application November 7, 1936, Serial No. 65,756
Term of patent 3½ years



The ornamental design for a lace substantially as shown and described.

102,244
DESIGN FOR LACE
Isaac Zendman, Jr., New York, N. Y.
Application November 5, 1936, Serial No. 65,701
Term of patent 3½ years



The ornamental design for lace, substantially as shown.

102,245
DESIGN FOR LACE
Isaac Zendman, Jr., New York, N. Y.
Application November 11, 1936, Serial No. 65,838
Term of patent 3½ years



The ornamental design for lace, substantially as shown.

Patents Nos. 2,063,008 to 2,063,885

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December 8, 1936

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Prints Renewed	1		
Reissues	12—No.	20,192 to No.	20,203, inclusive.
Plant Patents	1—No.	209	
Patents	878—No.	2,063,008 to No.	2,063,885, inclusive.
Designs	68—No.	102,246 to No.	102,313, inclusive.
Total	1,283		

Disclaimers

1,500,232.—*Martin Castricum*, Springfield, Mass. MANUFACTURE OF CORD FABRIC. Patent dated July 8, 1924. Disclaimer filed November 21, 1936, by the assignee, *The Fisk Rubber Corporation*.

Hereby enters this disclaimer to claims 1, 3, and 4 of the specification.

1,509,365.—*Thomas Midgley*, Springfield, Mass. METHOD AND MACHINE FOR PRODUCING CORD FABRIC. Patent dated September 23, 1924. Disclaimer filed November 21, 1936, by the assignee, *The Fisk Rubber Corporation*.

Hereby enters this disclaimer to claim 17 of the specification.

1,742,777.—*Thomas Midgley*, Hampden, Mass. METHOD AND APPARATUS FOR INCORPORATING CORDS IN RUBBER SHEETS. Patent dated January 7, 1930. Disclaimer filed November 21, 1936, by the assignee, *The Fisk Rubber Corporation*.

Hereby enters this disclaimer to claim 15 of the specification.

1,855,869.—*Emerson Pugh*, Downers Grove, Ill. METHOD OF AND APPARATUS FOR COATING ARTICLES. Patent dated April 26, 1932. Disclaimer filed November 10, 1936, by the patentee; the assignee, *Western Electric Company, Inc.*, assenting and concurring.

Hereby enters this disclaimer to claims 2 and 11 in said specification.

1,925,386.—*Norman B. Hurd*, Newington, Conn. EMERGENCY DOOR HOLDER AND CLOSER. Patent dated September 5, 1933. Disclaimer filed November 19, 1936, by the assignee, *The American Hardware Corporation*.

Hereby enters this disclaimer of that part of the invention defined in claims 7 and 11 thereof.

1,926,129.—*Frederick K. Vreeland*, Montclair, N. J. GOVERNING THE OUTPUT OF ELECTRICAL AMPLIFIERS. Patent dated September 12, 1933. Disclaimer filed November 14, 1936, by the assignee, *Vreeland Corporation*.

Hereby enters this disclaimer to claims 3, 4, 5, 6, 12, 13, 14, 15, 17, and 18 in said patent.

2,030,842.—*James L. Anderson*, Closter, N. J. APPARATUS FOR REMOVING METAL. Patent dated February 18, 1936. Disclaimer filed November 14, 1936, by the assignee, *Air Reduction Company, Incorporated*.

Hereby enters this disclaimer to claims 1 and 10 in said specification.

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,877,183, J. A. Erickson, Coal binder and method of applying the same, decided October 3, 1936, claims 2, 4, 9, 10, 11, 12, and 13.

Pat. 1,893,471, E. G. Hill, Clutch operating mechanism for motor vehicles, decided November 14, 1936, claims 2, 10, 12, 15, and 17.

Pat. 1,988,486, Lester Ferenci, Photo-electric web registering device, decided November 18, 1936, claims 1, 11, and 17.

Pat. 2,015,074, O. L. Howland, Manufacture of Welding rod or wire, decided October 24, 1936, claim 11.

Pat. 2,015,442, Abraham Sprung, Beacon light, decided November 18, 1936, claims 1, 2, and 4.

Condition of Applications Under Examination at Close of Business November 21, 1936

(Total number of applications awaiting action, excluding Trade-Mark Division, 34,462; Trade-Mark Division, 1,769. Oldest new case, May 27, 1936; oldest amended, May 22, 1936.)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. LOEFFLER, F. A., Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Sept. 2	Sept. 17	284
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco, Velocipedes; Butchering; Bee Culture.	July 17	July 6	1,007
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	Aug. 25	Aug. 22	373
7083	4. DONNELLY, A. E. (Act.), Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	July 24	July 24	564
3077	5. MACNAB, J. F., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons, Etc.	Aug. 15	Aug. 22	428
4898C	6. LEWERS, A. M., Carbon Chemistry (part)	Aug. 11	Aug. 11	711
5725	7. JARBOE, C. G., Optics; Photography	Aug. 24	Aug. 26	722
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Sept. 9	Sept. 1	445
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Sept. 9	Sept. 9	551
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops; Vehicle Fenders	Sept. 1	Sept. 3	317
5087B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Aug. 25	Sept. 3	371
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms	Aug. 24	Aug. 24	340
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Sept. 17	Sept. 17	385
5097	14. SMITH, G. A. (Act.), Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	Aug. 3	July 30	574
4897	15. HENKIN, BENJ. (Act.), Glass; Plastic Block and Earthenware Apparatus; Plastics	Aug. 24	Aug. 24	832
5612	16. SPENCER, C. J., Telegraphy; Telephony	Aug. 8	Aug. 8	712
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Aug. 21	Aug. 23	548
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Aug. 3	July 24	453
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Aug. 13	Aug. 12	659
6605	20. BROWN, L. M. (Act.), Miscellaneous Hardware; Closure Fasteners; Locks; Latches; Safes; Undertaking; Bread, Pastry, and Confection Making.	Aug. 13	Aug. 14	412
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	Aug. 27	Sept. 3	582
5724	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Aug. 29	Aug. 29	549
7624	23. BUTTNER, W. J. (Act.), Coin Handling; Recorders; Registers	May 27	May 22	523
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Aug. 29	Sept. 3	493
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Aug. 12	Aug. 11	531
5893	26. ADAMS, W. M., Electricity, Generation; Motive Power	Aug. 31	Sept. 2	308
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	July 14	July 8	792
4628	28. SOLYOM, H. L., Internal-Combustion Engines	Aug. 1	Aug. 5	347
5082	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Aug. 26	Aug. 25	521
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	July 23	July 23	664
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Aug. 29	Sept. 1	503
4086	32. ARMSTRONG, HOWARD M. (Act.), Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation; Agitating.	Aug. 25	Sept. 2	448
6096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs and Roads	Aug. 27	Aug. 17	759
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Aug. 26	Aug. 21	422
3605	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	July 24	July 24	632
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Aug. 12	Aug. 26	223
5886B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	July 30	July 28	595
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stoneworking; Wells; Plastic Compositions.	Aug. 28	Sept. 11	350
4872	39. WHITNEY, F. I., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Sept. 28	Sept. 22	302
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	July 17	July 18	1,058
6082	41. WHITNEY, M. L., Railway and Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes; Railway Draft Appliances; Spring Devices; Typewriting Machines.	Aug. 5	Aug. 5	466
5882	42. CUTTING, H. O., Electric Signaling	Aug. 28	Aug. 15	410
4886B	43. KLINGE, E. F., Medicines, Poisons and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Aug. 21	Aug. 21	630
4087B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Aug. 8	Aug. 7	600
7097	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling.	Aug. 25	Aug. 28	300
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Aug. 10	Aug. 10	575
7600	47. BARKER, H., Clutches; Brakes	Aug. 29	Sept. 3	479
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	Aug. 22	Aug. 23	548
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Aug. 27	Sept. 9	424
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Aug. 22	Aug. 22	494
5628	51. BACKUS, C. D., Radiant Energy	Sept. 2	Sept. 2	624
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Aug. 25	Sept. 4	474
4897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	July 25	July 25	886
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	Aug. 21	Aug. 26	351
6887	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	July 17	July 18	684
4725	56. CHANDLER, G. V. (Act.), Electrochemistry; Laminated Fabrics; Paper Making, Substance Preparation.	Aug. 21	Aug. 21	836
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Aug. 6	Aug. 15	321
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	Aug. 21	Aug. 25	323
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part)	Aug. 24	Sept. 9	408
5896	60. GLASS, R. L., Electricity, Heating, and Welding; Batteries; Resistances and Rheostats; Prime-Mover Dynamo Plants.	July 15	July 15	558
6724	61. PARKS, G. E., Laminated Electrical Insulation, Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Aug. 31	Sept. 3	259
3876	62. PUGH, E. C., Games; Geometrical Instruments	Aug. 13	Aug. 10	469
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting; Fermentation	Aug. 24	Aug. 24	364
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Sept. 1	Sept. 1	677
5624	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	June 15	June 19	765
2099B	Trade-Marks, Labels, and Prints: F. A. RICHMOND — Trade-Marks	Oct. 16	Nov. 7	1,426
	Labels and Prints	Oct. 21	Nov. 6	343
2905	Designs, H. H. KALUPY	Oct. 24	Nov. 11	438

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

In re Mulligan

No. 3,651. Decided June 8, 1936

[83 F.(2d) 917]

Patentability—Method of Preserving Milk.

Claims for a method of preserving milk by subjecting it to undamped ultrasonic vibrations *Held* unpatentable over the prior art.

Appeal from the Patent Office. Affirmed.

Mr. Hugh Keneipp, and *Mr. Arthur Worischek* for Mulligan.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

Bland, *J.*:

All the claims of appellant's application for a patent for improvements in method of preserving food, such as milk, etc., were denied by the Primary Examiner of the United States Patent Office. Upon appeal to the Board of Appeals, his decision was affirmed. Appeal has been taken here from the decision of the Board as to rejected claims 1 to 8, inclusive, of which claims 1 and 8 are illustrative, and follow:

1. The method of preserving milk and the like which consists in subjecting it to undamped ultrasonic vibrations.

8. The method of preserving milk and the like by inhibiting bacterial growth which consists in subjecting it to undamped mechanical vibrations of the order of 93 kilocycles or more for periods of the order of 30 seconds upwards.

The references relied upon by the Patent Office tribunals are: Hering, 1,355,476, October 12, 1920; Loomis et al., 1,734,975, November 12, 1929; Nyrop (Danish) 41,285, December 4, 1929; Nyrop (Danish) 41,464, January 3, 1930; Rowley (Australian) 1,592, July 28, 1931; "Sounds That Burn", by R. W. Wood, Scientific American of March 1928, pages 201–204, inclusive.

Appellant assigns the following four reasons of appeal:

1. The Board of Appeals erred in basing affirmance of the Examiner's rejection on points not involved in the appeal.
2. The Board of Appeals erred in affirming the Examiner's rejection on the disclosures of Danish patents to Nyrop No. 41,285 and No. 41,464.
3. The Board of Appeals erred in affirming the Examiner's rejection on the disclosure of Danish patents to Nyrop No. 41,285 and No. 41,464 as supplemented by other disclosures.
4. The Board of Appeals erred in affirming the Examiner's rejection of all claims in view of prior art not relied on by the Examiner.

After the Board's first decision, rendered February 13, 1935, the appellant petitioned for rehearing, alleging that he was taken by surprise because the Board's decision affirmed that of the Examiner upon grounds different from those on which said rejection was based. Appellant further alleged that his claims had never been rejected upon the grounds applied by the Board and that, therefore, he had not had a hearing with reference thereto.

The Board rendered a second decision, March 8, 1935, and the decision is of such importance and refers to the grounds of rejection on the part of the Examiner in such detail that we think it proper to here quote it:

Appellant has petitioned for a rehearing because the rejection is alleged to have been affirmed on a ground different from that used by the Examiner. It is alleged that the Examiner rejected the claims in each instance on the Danish patents and that the claims have never been rejected on any other ground than direct anticipation. It is said to be believed that certain discussion in the Examiner's statement has given rise to the idea that applicant's claims were also rejected on the ground that applicant's method is an obvious substitution of an equivalent. It is argued that in this way applicant is denied a patent on a ground on which he has never been heard.

On page 6 of his statement the Examiner said:

"The Scientific American article is very interesting in its disclosure of the use of ultrasonic waves to destroy small organisms (just as Hering indicates in connection with wave frequencies of lower value). Either this patent taken alone or in conjunction with the Hering and/or Danish patents is deemed to preclude any inventive thought residing in employing radio frequency or ultrasonic waves to effect the preservation of liquids such as milk."

This statement of the Examiner in effect seems to say that the Scientific American article taken in conjunction with the Hering patent is deemed to preclude any inventive thought residing in employing radio frequency or ultra-sonic waves to effect the preservation of liquids such as milk. The quoted statement of the Examiner further says that the Scientific American article taken in conjunction with the Danish patents is deemed to preclude any inventive thought residing in the set up of applicant. The statement further says that the Scientific American article taken in conjunction with the Hering and Danish patents precludes inventive thought residing in the set up stated. Finally, this quoted statement from the Examiner seems to say that the Scientific American article taken alone is deemed to preclude inventive thought residing in this specified set up.

In our decision it was stated that in view of the disclosure of the Danish patents for the same purpose of sterilization of liquids it is our view that it would not amount to invention to employ the methods of Hering or the Scientific American article for producing the same results by a specifically designated high frequency operation such as those claimed. It appears that these rejections in the statement of the Examiner do in effect constitute a rejection on a combination of references which tend to show among other things that applicant's method of producing high frequency oscillations is an obvious substitution of the method of producing the high frequency oscillation of the Scientific American article for those of the Danish patents.

If appellant regarded these statements as a new ground of rejection he had ample opportunity to and did, in effect, elect in accordance with the practice laid down in the case of *Ex parte* Mevey, C. D. 1891, page 115, to continue the prosecution of the appeal instead of returning to the Primary Examiner for further prosecution. In view of the record, no ground for granting a rehearing is apparent.

For the reasons indicated the petition is denied.

We think the Board's statement as to the manner in which the Examiner applied the references and his grounds of rejection is an accurate one. The Board pointed out that if the appellant regarded the statements in its decision as a new ground of rejection

"he had ample opportunity to and did, in effect, elect in accordance with the practice laid down in the case of *Ex parte Mevey*, C. D. 1891, page 115, to continue the prosecution of the appeal instead of returning to the Primary Examiner for further prosecution."

The Board concluded that the applicant had elected to have a reconsideration by the Board, rather than to have the matter again submitted to the Examiner. We think the record shows that the said reconsideration given by the Board meets the requirements of rule No. 139 of the Rules of Prac-

tice of the United States Patent Office, the pertinent portion of which reads:

139. • • • The applicant may waive the right to further prosecution before the Primary Examiner and have the case reconsidered by the Board of Appeals upon the same record. Where request for such reconsideration is made the Board of Appeals shall render a new decision which shall include all grounds upon which a patent is refused. The applicant may waive reconsideration by the Board of Appeals and treat the decision, including the added grounds for refusal of a patent given by the Board of Appeals, as a final decision in the case.

It is true that the Board denied the petition for rehearing, after it had given the questions raised in appellant's petition due consideration and after having again stated the grounds of rejection. Whether or not it was proper for the Board, under such circumstances, to have closed its second decision with the statement "For the reasons indicated the petition is denied." is not raised here by any reason of appeal filed by appellant in this cause.

In view of the above considerations we hold that appellant's first and fourth reasons of appeal are without merit. In *In re Benjamin Greenfield*, 17 C. C. P. A. (Patents) 1217, 40 F.(2d) 775, 400 O. G. 226, we used the following language which applies aptly to the instant issue:

In so far as the matter of reconsideration by the Board is concerned, we should feel that the fact that, in reconsidering the case there was not an oral rehearing, does not, of itself, sustain the contention of appellant that the rule was not complied with. When an applicant waives the right to have the claim referred back to the Examiner and accepts reconsideration by the Board, the rule does not make a rehearing mandatory; it only requires reconsideration "upon the same record" and the Board may exercise its sound discretion as to the procedure it will follow in this reconsideration, but in the instant controversy, the decision of the Board upon reconsideration does not seem to have cured a defect in its first decision relative to claim 56.

As to appellant's second and third reasons of appeal, we are of the opinion that the Board, although in slightly different language, affirmed the Examiner's rejection of the appealed claims on substantially the same grounds as the grounds relied upon by the Examiner. In view of the quoted decision of the Board, explaining the references of record, we do not regard it as necessary here to discuss them further. It was the opinion of the Board, and, we think, the opinion expressed by the Examiner, that the Scientific American article, taken in conjunction with the Danish patents, was deemed to "preclude any inventive thought residing in the set up of applicant," and that the said Scientific American article taken in conjunction with the Hering patent and the Danish patents precludes inventive thought residing in appellant's claims. The Board and the Examiner were also of the opinion that the Scientific American article alone sufficiently negatived invention residing in the claims.

It is our view that all the elements of the claims relied upon by appellant to constitute patentability are shown in the prior art in the manner as is suggested in the Board's decisions. Appellant, in this court, has stressed the contention that the Danish patents do not disclose his alleged invention because all the elements are not shown therein, and for the further reason that in the patents there are no drawings or description of the apparatus.

The rule as to the limitation which the Patent Office and the courts place upon foreign patents, where the showings therein are relied upon singly or in connection with other prior art as the basis for rejection of claims, is well settled. This subject matter has been fully discussed in many well-considered cases. In *In re Cross*, 20 C. C. P. A. (Patents) 710, 62 F.(2d) 182, 426 O. G. 57, we said:

We know of no rule relating to foreign patents when used as references which requires that every element and feature of the claims in the patent application shall be clearly shown in such foreign patent. The rule to which appellant obviously refers and which has been frequently laid down by this and other courts is to the effect that a foreign patent may be a valid reference only for all that it clearly discloses. *In re Dann*, 18 C. C. P. A. (Patents) 1031, 47 F.(2d) 356. In the *Dann* case, where the feature relied upon in the foreign patent was only indefinitely shown in the drawings and not referred to in the specifications, it was held that the feature was not clearly disclosed in the foreign patent and the patent was not, therefore, a proper reference.

If, however, the foreign patent does clearly disclose a certain feature of the claimed invention, it may be used in connection with other references to negative patentability of the claims. *In re Holst*, 18 C. C. P. A. (Patents) 748, 44 F.(2d) 873. • • •

We find no error in the Board's decision and the same is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

WHITE *v.* TRUBE

No. 3,571. Decided June 17, 1936

[84 F.(2d) 216]

1. INTERFERENCE—TESTIMONY—SUFFICIENCY OF.

"We are not unmindful of the rule announced in the case of *Schwartz v. Graens*, 23 C. C. P. A. (Patents) —, 81 F.(2d) 767, that, although oral testimony may be sufficient to establish priority of invention, it should, particularly where it is given after a lapse of years, be carefully scrutinized. Nevertheless, we think it fair to say, after a careful consideration of the involved testimony, in the light of the circumstances of the case, that the tribunals of the Patent Office did not err in holding that appellee was entitled to priority of invention of the counts here involved. In so holding, we think it is proper to say that the decisions of those tribunals were not founded solely upon oral testimony."

2. SAME—PRIORITY.

Record reviewed and *Held* that priority was properly awarded to T., the junior party.

APPEAL from the Patent Office. Affirmed.

Mr. H. G. Grover, Mr. Phil L. Rodier and *Mr. James G. Norton* for White.

Messrs. Pennie, Davis, Marvin & Edmonds, Mr. R. Morton Adams, Mr. Baldwin Guild, Mr. W. H. Taylor and *Mr. C. M. Fisher* for Trube.

HATFIELD, *J.*:

This is an appeal in an interference proceeding from a decision of the Board of Appeals of the United States Patent Office affirming the decision of the Examiner of Interferences awarding priority of invention to appellee.

The invention in issue relates to an electrical system for coupling together vacuum tubes in radio receivers. It is a compound system, in that two different kinds of couplings are working together—an electromagnetic and an electrostatic.

Of the five counts in issue—1, 2, 6, 7, and 10—counts 1 and 2 are illustrative. They read:

1. An electrical system composed of an amplifier of alternating currents, a tunable input circuit, an output circuit, an internal path in said amplifier connecting said output circuit to said input circuit, a tunable absorbing circuit associated with said output circuit, and means for limiting amplified energy feed-back through said internal path comprising means for loosely coupling said absorbing circuit to said output circuit and electrical elements maintaining said coupling constant while said absorbing circuit is tuned in consonance with said input circuit.

2. An electrical amplifying system including a three electrode vacuum tube, an adjustable period circuit connected to the input electrodes of said tube, an output circuit, a responsive device, and means for controlling the reaction of said output circuit and abstraction of energy therefrom for said responsive device over a wide range of frequencies that a predetermined effect in said responsive device with frequency is obtained, including a circuit coupled to said output circuit adapted to be adjusted in period in consonance with said adjustable period input circuit, and across which second adjustable circuit said responsive device is connected, said coupling including a pair of coupling elements transferring energy in phase, one of which couplings increases in effect with frequency increase and the other of which couplings decreases in effect with frequency increase, the relative values of said couplings being chosen to give the said predetermined effect over a wide range of frequencies.

The interference is between appellant's Patent No. 1,780,611, issued November 4, 1930, on an application filed August 11, 1925, and appellee's application No. 509,309, filed January 17, 1931, approximately two months and two weeks after the issuance of appellant's patent.

Appellee's application, however, is held to be, and is, in fact, a continuance in part of two prior applications; to wit, Serial No. 101,906, filed April 14, 1926, and Serial No. 120,045, filed July 2, 1926.

The differences in the counts involved, a detailed description and explanation of each of the counts, and an analysis of the evidence have been fully set forth in the decision of the Examiner of Interferences.

The Board of Appeals, in affirming the decision of the Examiner, has, in a more general way, discussed every phase of the case, and explained and analyzed the issues, and, rather than enter upon a detailed discussion of the issues presented, we deem it advisable to quote *in extenso* from its decision.

Claims corresponding to the counts first appeared in White's patent and were copied into the application No. 509,309 filed under the name of Trube (deceased) by his administratrix. The counts should therefore be construed in the light of the disclosure in the White patent.

The present interference is related to Interferences No. 56,064 and No. 56,065. The testimonial record of Trube of the prior interferences was introduced by motion into this record and has been referred to as part 1 of Trube's record here.

The subject matter relates to coupling means between vacuum tubes particularly of radio receiving sets. According to White's specification it relates to the transfer of alternating currents between two amplifying tubes of the radio frequency section of the set.

After quoting at some length from the patent to White, the Board continued:

Count 1 includes the means of limiting the feedback through the internal-plate to grid—which means comprise the loose-coupling with that of maintaining the coupling of the tubes constant while the absorbing circuit is tuned.

Count 2 includes the limitation of transferring energy to give a predetermined effect over a wide range of frequencies.

• • • • • • •

Count 6 refers to controlling the reaction of the output circuit in a desired way for frequency change.

Count 7 relates to transfer of energy only in a desired way by the reciprocally acting elements for different frequencies.

• • • • • • •

[Count] 10 • • • [refers] to means for controlling the electrical conduct of the reciprocal types of transfer means for alternating current.

• • • • • • • •

[Count] 1 • • • [includes] reference to the reactive effect of the output on the input current of a tube, referred to • • • as feed-back • • •.

Counts 2, 6, 7, and 10 do not refer to the reactive effect but only to the means or method for maintaining the transfer of energy substantially constant.

Since Trube is the junior party the burden of proof is upon him to overcome White's filing date. Some controversy has arisen as to the degree or extent of this burden of proof. It is contended by White that since Trube's application here involved was not filed till after White's issue or patent date that the burden is that of proof beyond a reasonable doubt but it is contended by Trube's assignee that the present case has the benefit of applications, Serial Nos. 101,906 and 120,045, which were copending with White's patent application and that the burden would be only that of preponderance of evidence.

We have examined the earlier Trube applications and find therein a clear disclosure of the compound coupling of tubes by inductive and capacity coupling in order to produce a desired rate of transfer of energy or voltage effect over a certain range of frequencies. We find the specifications of Trube's earlier cases to be sufficiently relevant to the terms of the counts to warrant the holding that Trube's later case has the benefit of the record to the extent that the Trube proofs need only be of the order of a preponderance of evidence.

In view of the relation of the parties and records submitted, we find that the principal question presented here is whether Trube has proven a structure capable of functioning in accordance with the counts and further whether it has been proven as having so operated and to have been disclosed to others prior to White's filing date on which the latter relies. In connection with this phase of the case it appears that Trube's Exhibits 32 and 44, which are two radio sets, together with the testimony and supplemental exhibits relevant thereto, are important items.

In prior interferences, No. 56,064 and 56,065 we found that the two radio sets, Trube's Exhibits 32 and 44, had been produced by March, 1925, and May, 1925, respectively. A very extended testimonial record has been submitted in support of Trube's activities in regard to these exhibits and relevant matters. Much additional testimony including that of an additional witness has been presented in this respect.

We have again examined the record in regard to Exhibits 32 and 44 particularly and reaffirm our holding in respect to the dates of production of sets designated Trube's Exhibits 32 and 44.

It is considered to be necessary here to determine whether Trube's record establishes that he had conception of producing the predetermined action—substantially constant transfer of energy and between stages of radio frequency tubes, as to certain counts and combined with regenerative effect in others—before White's record date.

Llewellyn testified concerning certain oral disclosures by Trube and discussions particularly in connection with a sketch—page 52, Exhibit 1—which he had with Trube. This disclosure occurred between December 5, 1923 and April, 1925. Llewellyn asserts that Trube stated that the object of the circuit was to secure a coupling circuit in radio amplifiers which would be such as not to produce oscillations and one that would not oscillate at any of the broadcast frequencies and to provide a means of amplifying such radio frequency signals without oscillation. There was no explanation of whether the magnetic coupling was tight or loose, Llewellyn's XQ. 62.

Mr. Mompere testifies that Trube explained to him that he intended to produce a circuit or set which would be free from oscillations over the entire range as well as give amplification over such entire range. Mr. Mompere was Chief Engineer of the Thermiodyne plant at Plattsburg at that time and was considering the production of a new model of radio set to be used during 1925. The new model was subsequently named the New TF6. It is established by the record that Trube's exhibit No. 32 is a model which embodied the new circuit which had been submitted by Trube at that time. Exhibit No. 32 is identified by Mompere and shown to be one of a group of fifty sets made in February, 1925, XQ. 62. Mompere does not distinguish between the action of the set as a whole and of one of the stages of radio frequency, XQ. 143, nor the particular new functions of the essential elements of the new circuit very definitely, XQs. 146 and 147. He states that the set as a whole had higher amplifying power, RD 29, but does not know when the New TF6 set was provided with 1¾ turns of wire on the smaller coil of the transformer. It appears that the set was probably altered in this respect.

Vroom identifies several of Trube's sketches and notes, and states that Trube explained to him that the object of the circuit was to obtain an arrangement of vacuum tubes whereby two tubes could be coupled together so

that any adjustments in the circuit of the tube receiving power would not produce oscillations in the circuit of the tube supplying power, XQs. 15 and 42.

McDonough identifies Exhibit 44 and states that it was a TF6 set that had been in his possession since May, 1925. Exhibit 44 embodies elements which are arranged according to the plan of the parallel connection of condenser and transformer such as is capable of satisfying the broader counts if properly proportioned. McDonough was associated with the Thermiodyne Company in 1925 and 1926 and tested and repaired sets.

* * * * * * *

McDonough appears to treat the set as a whole and fails to distinguish between such and one pair of radio frequency tubes, XQ. 110. No curve sheets of results to show relative action over the broadcast band were made by McDonough in testing TF6 sets at the Thermiodyne plant. McDonough does not disclose the relative number of turns of the coils of the transformer in the early sets of the TF6 type but it appears that some work was done on this feature by May 1925, XQ. 168, 169 and 178, and on others later XQ. 199. The situation appears quite indefinite in regard to the respective number of turns in the coils of Exhibit 32, XQ. 208. McDonough made no tests to determine any regeneration effect, XQ. 218. Trube gave McDonough no instructions on that feature, XQ. 226 and 240.

Dustin testifies that it was Trube's object to make the modified TF6 set more sensitive at lower frequencies and more stable and sensitive over the entire broadcast band and that the New TF6 was even more sensitive on the low frequencies. Dustin is not positive that he ever discussed regenerative effect in the New TF6 with Trube or the action of different portions of the circuit as distinguished from the set as a whole or as to a tight or loose coupling. Dustin who was in charge of the service department of the Thermiodyne Company never saw Trube make any measurements of actions of TF6 sets further than to tune in on broadcasting stations.

The witness Palmer testifies that Trube came to the Plattsburg plant at times and that Trube did some testing of sets and made calculations there. We find no definite data concerning the test of any particular set or sets in Palmer's testimony. It confirms the testimony of others that the New TF6 sets were produced in the spring of 1925. Palmer made the drawings for the New TF6.

Phelps testifies that he met McDonough at the Amateur Radio Show in New York, March 2nd to 7th, 1925. He fixes the date by the date on a badge worn at the show. Phelps states that McDonough disclosed Trube's new circuit to him and drew a sketch, Trube's Exhibit 28, to illustrate what was disclosed at that time. McDonough referred Phelps to Trube for further information and gave him a card of introduction which is of record, Trube's Exhibit 38. Phelps was highly skilled in radio and he testifies at great length in the record concerning a visit to Trube within the next few days and of further disclosure and discussion of the new set by Trube.

Phelps testifies that McDonough told him that such system was designed to have a more uniform response over the wave band than previous circuits and to be free of oscillations, particularly at the higher frequencies. Phelps relates at length the disclosure to him by McDonough and later by Trube concerning the theory and action of the loose coupling or relative small primary coil of the transformer. He saw several sets like Trube's Exhibit 32 while visiting Trube at the offices of the Thermiodyne Company, 1819 Broadway, New York City. These sets had the tap point of the autotransformer element about two turns from the filament end of the coil. Phelps testifies that he understood that the coupling discussed was between stages of the radio frequency portion of the set.

Wheeler has testified at considerable length concerning tests of Exhibit 44 formally made in the presence of opposing counsel. Wheeler measured the inductance of the transformer and capacity of the condensers of the first radio frequency stage of the set. He tested one stage and secured sufficient data to show that the energy transfer might be made substantially constant within the possibility of a slightly curved resultant graf, Exhibit 74. Also Wheeler found the relation of the portions of the coil of the auto transformer, together with the relations of the condensers, to be such that he regarded them as forming a loose coupling.

Wheeler did not care to say that he knew it to be a fact that Exhibit 44 would give regenerative effect between two stages. The most he could state is that he felt sure it is inherent in the circuits. Wheeler fully sets forth a comparison of his findings with the terms of each of the counts, in turn, so far as they apply. He states he made no measurement to determine the amount of any possible regeneration.

Concerning the question of the scope of the terms, "regeneration" and "feed-back" we reach the conclusion after a careful consideration of the record and citations that, where strictly defined, regeneration involves the idea of strengthening or amplifying the output by causing the output or a portion of it to act on a preceding part of the circuit in an aiding relation, but, that the term is often used in a broader or loose sense to mean mere resultant effect or reactance of the output on the input and where the output might be either increased or decreased depending on the phase relations of the output and input.

Feed-back is regarded as broad in that the output might be increased or decreased by some magnetic or electric effect carried from a succeeding part of a circuit to a preceding part.

Stauffer confirms the testimony of other witnesses that the new TF6 was produced in the spring of 1925 and that the autotransformer coil of the first units was tapped as low as 1¾ turns at the filament end. While he was a tester of sets he made no test of interstage radio frequency action. He tested only the performance of the individual sets as a whole.

It is believed clear that the present record shows that Trube had conception of maintaining the transfer of energy substantially constant or according to predetermined rate over the broadcast band between radio frequency stages thereby eliminating the tendency of the system to get into oscillation at one part of the range or other, particularly at the high frequency end. Exhibits 32 and 44 are held to embody loose coupling and inherently some feed-back.

We affirm the holding of the Examiner of Interferences in awarding priority to Trube as to counts 1, 2, 6, 7, and 10 on the ground that Trube's Exhibits 32 and 44 produced in the spring of 1925 constitute a reduction to practice prior to White's filing date.

It is contended, among other things, by counsel for appellant that the testimony of the witness Frederick B. Llewellyn should not have been accepted by the tribunals of the Patent Office, and should not be accepted by this court, because he testified in two other interferences, the numbers of which are unimportant but which relate in a general way to the one here involved, without there stating that appellee had told him "what energy transfer characteristic the coupling would have, even though he was questioned about the circuit, both in his direct and cross-examination"; that as his oral testimony in the involved interference was not related in the other interferences, and as it was given from 8 to 10 years subsequent to the conversation he had with the appellee, relative to the involved invention, it should not be given serious consideration.

It is further contended by counsel for appellant that the tribunals of the Patent Office placed too much reliance on the testimony of the witness Boyd Phelps; that Phelps' testimony, as to what was said to him by appellee in 1925 relative to appellee's concept of the involved invention, was related by him some 8 years later; and that, instead of stating appellee's concept, the witness stated his own understanding and interpretation of it. Counsel suggest that the witness was prompted in his testimony by counsel for appellee.

After a careful consideration of the clear-cut testimony of the witness Phelps, we are unable to believe that it was, or could have been, colored by any promptings by counsel in the case. Furthermore, we find nothing of record to indicate even remotely that counsel for appellee would stoop to such an artifice.

[1] We are not unmindful of the rule announced in the case of *Schwartz* v. *Graenz* 23 C. C. P. A. (Patents) —, 81 F.(2d) 767, that, although oral testimony may be sufficient to establish priority of invention, it should, particularly where it is given after a lapse of years, be carefully scrutinized. Nevertheless, we think it fair to say, after a careful consideration of the involved testimony, in the light of the circumstances of the case, that the tribunals of the Patent Office did not err in holding that appellee was entitled to priority of invention of the counts here involved. In so holding, we think it is proper to say that the decisions of those tribunals were not founded solely upon oral testimony.

The issues in the case have been most carefully considered and explained by the tribunals below, and we are content with the observations hereinbefore made.

For the reasons stated, the decision of the Board of Appeals is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE ISOM

No. 3,626. Decided June 8, 1936

[83 F.(2d) 898]

REISSUE—DELAY—NARROW CLAIMS.

A claim in a reissue application *Held* not broader than claims of the patent and allowable to the applicant although the reissue application was filed over two years after the issuance of the patent.

APPEAL from the Patent Office. Reversed.

Messrs. Pennie, Davis, Marvin & Edmonds, Mr. Raymond F. Adams, Mr. Louis D. Forward, and *Mr. Clarence M. Fisher* for Isom.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

HATFIELD, *J.:*

This is an appeal from the decision of the Board of Appeals of the United States Patent Office affirming the decision of the Primary Examiner rejecting claim 6 in appellant's application for a reissue of his patent, No. 1,708,180, issued April 9, 1929, on an application filed May 21, 1927.

The reissue application was filed June 30, 1931, approximately two years and two and one-half months subsequent to the issuance of appellant's patent.

Claim 6 reads as follows:

6. A hydrocarbon oil cracking process which comprises subjecting the oil to cracking conditions of temperature and superatmospheric pressure in a heating zone, discharging the heated oil into a vapor separating zone, removing vapors from said vapor separating zone and subjecting the same to primary and secondary dephlegmation thereby forming primary and secondary reflux condensates, *combining at least a portion of said primary reflux condensate with the oil being subjected to cracking conditions in said heating zone,* passing said secondary reflux condensate to a second heating zone independent of the first mentioned heating zone and there subjecting the same to cracking conditions of temperature and pressure, and then passing said secondary reflux condensate directly to said vapor separating zone without passage through said first mentioned heating zone. [Italics ours.]

Appellant's reissue application contained the four claims of his patent, No. 1,708,180, and two new claims—5 and 6, all of which were allowed, with the exception of claim 6.

There is a divergence of opinion between counsel for the parties relative to the grounds of rejection by the tribunals of the Patent Office.

We deem it unnecessary to extend this opinion by a statement of the complete history of the case. A sufficient statement thereof is included in the decision of the Board of Appeals, which, due to the divergence of views of counsel, we deem it necessary to quote:

The reference relied upon is: Morrell et al., 1,810,673, June 16, 1931.

This case involves an application for reissue. It is pointed out by the Examiner that the reissue application was filed more than two years after the granting of the original patent and that in his first action he rejected claim 6 on the ground that the reissue oath does not satisfactorily show that failure to present claims of the scope of claim 6 arose through inadvertence, accident, or mistake, and that the oath did not disclose such circumstances as would excuse the delay of more than two years in presenting a broadened claim. It is argued by applicant that claim 6 was not in fact a broadened claim and the Examiner thereafter allowed claim 6 and set up an interference between this application and the patent to Morrell et al., No. 1,810,673.

Claim 6 of this application corresponded to claim 2 of the Morrell et al. patent. The patentee, Morrell, moved to dissolve on various grounds and also filed a disclaimer limiting the scope of claim 2. The Examiner of Interferences granted the motion to dissolve and held count 6 of the present reissue unpatentable to the present appellant. The further history of the case indicates that on appeal the Board of Appeals affirmed the Examiner of Interferences on the ground that there was no interference but did not rule on the patentability of the claim to the present applicant. The Examiner points out that this claim was held unpatentable by the Examiner of Interferences specifically on the ground that claim 6 was clearly broader than claim 3 of applicant's original patent and the Examiner has adopted the views of the Examiner of Interferences in rejecting this claim.

The subject matter of the claim involves a hydrocarbon oil cracking process which comprises the steps of heating oil to a cracking temperature in the tubes 5 and passing it to a vaporizing chamber 55, from thence the vaporized portion is carried to first and second reflux condensers 12 and 16. A portion of the first reflux condensate is returned through the connection 13 and 14 to the circulating body of oil. It also appears from the disclosure that part of the residual oil from the drum 55 is returned through the tube 8 to the heating tubes 5. The condensate from the second condenser is returned through a second heater 23 and from thence directly to the vaporizing chamber 55 without being passed through the first heating tubes 5.

In the latter part of the claim it is stated that the secondary reflux condensate is passed directly to said vapor separating zone without passage through said first mentioned heating zone. It is the position of appellant that he has limited his claim here over the scope of the corresponding part of original claim 3 which did not require that the secondary condensate be returned directly to the vapor separating zone without passage through the first heating zone. It is our view that appellant is correct in respect to this portion being a narrowing and not a broadening of the claim.

The part of the claim which is said to be broadened is that part which states, "combining at least a portion of said primary reflux condensate with the oil being subjected to cracking conditions in said heating zone." The corresponding limitation in claim 3 of appellant's original patent lies in the language, "returning reflux condensate from the first refluxing operation to the oil circulating from said body of oil to said heating tubes."

Appellant has also challenged the holding of the Examiner of Interferences, which seems to have been adopted by the Principal Examiner, to the effect that claim 3 of the original patent requires the recirculation of liquid oil and can not reasonably be more broadly interpreted. While appellant's argument is to the effect that the return of the primary condensate would not theoretically have to be through the recirculation of liquid oil in a cycle of this sort, claim 3 of the original patent was limited to returning the condensate from the first reflux operation to the oil circulating from said body of oil to said heating tubes. The argument of the appellant as to the returning of the condensate to the oil whether liquid or vapor forms does not seem to be conclusive of the question here since the language of the present claim provides for combining "a portion of said primary reflux condensate with the oil being subjected to cracking conditions in said heating zone". It seems clear that the oil being subjected to cracking conditions in said heating zone would include the fresh stock being treated in the heating zone and is not limited to recycled oil to which claim 3 is clearly limited and that the present claim is, therefore, broad enough in this particular language to cover a returning of this primary condensate to other than the recirculated oil of the so-called clean and dirty circulation systems.

The difficulty with appellant's position here is the limitation in the claims of his original patent, aside from the limited disclosure involved. While appellant has limited his claim with respect to the disposition of the condensate from the secondary condenser, that limitation applies to a portion of the field covered by either the claims of the original patent or broader claims, while the other language of the claim in question here as to

the point of return of the primary condensate would tend to broaden the whole field or area beyond that covered by the scope of the claims of the original patent.

Counsel for appellant filed a request for a reconsideration and clarification of the Board's decision. In its decision denying the request, the Board said:

> Appellant states that in the original brief he attempted to point out that both original claim 3 of the parent Isom patent and claim 6, require reintroduction of the primary reflux condensate "into recycled oil passing *from* the vapor separating chamber *to* the primary heating tubes". We agree that original claim 3 requires this limitation, but do not agree that claim 6 requires such limitation. Our decision was not intended to mean either that claim 3 excluded an operation in which both fresh oil and recycled oil are subjected to cracking conditions in said heating zone or that claim 6 is limited to an operation in which the oil subjected to cracking conditions in said heating zone consists of fresh oil exclusively.
>
> It is our view that claim 6 is broad enough to cover the return of primary condensate to fresh oil which may be introduced directly into the primary heating tubes without said fresh stock being combined with the oil circulating *from* the body of oil *to* said heating tubes. In other words, the fresh stock may be introduced directly into the primary heating zone without being combined with the recycled oil (on its way) circulating *to* said heating tubes. The word, "circulating", is in the present tense and is believed to limit original claim 3 to introducing the primary condensate into the recirculating oil during its passage to said heating tubes and not after it has entered said heating tubes. Claim 6 is not so limited.

It is true that in his decision the Primary Examiner stated that the appealed claim was rejected on two grounds; namely, that the applicant was not entitled to the claim, because his application was filed more than two years after the issuance of his patent, and that he was not entitled to make the claim, because his reissue oath failed to point out such inadvertence, accident, or mistake as would support the application for reissue.

As hereinbefore noted, in addition to the four claims of the original patent, claim 5 has been allowed.

The Solicitor for the Patent Office expressed the opinion that the Primary Examiner held that the oath of the applicant was insufficient to warrant the allowance of his reissue application, regardless of the scope of the rejected claim; whereas, counsel for appellant contend that it was the holding of the Primary Examiner, as well as of the Board of Appeals, that as appellant's reissue application was filed more than two years after the issuance of the patent, and because claim 6 is broader than the claims of the patent, his oath was not sufficient to warrant the allowance of claim 6.

It is conceded by counsel for appellant that if appealed claim 6 is broader than the claims of the patent, appellant's oath is insufficient to warrant the granting of the claim, in view of the settled law on the subject, which is fully set forth in the case of *In re Kaser*, 20 C. C. P. A. (Patents) 1035, 64 F.(2d) 687, 433 O. G. 797.

The pertinent part of section 4916 R. S. (35 U. S. C. 64), the statutory authority for the reissue of a patent, reads:

> Whenever any patent is wholly or partly inoperative or invalid, by reason of a defective or insufficient specification, or by reason of the patentee claiming as his own invention or discovery more than he had a right to claim as new, if the error has arisen by inadvertence, accident, or mistake, and without any fraudulent or deceptive intention, the Commissioner shall, on the surrender of such patent and the payment of the duty required by law, cause a patent for the same invention, and in accordance with the corrected specification, to be reissued to the patentee or to his assigns or legal representatives, for the unexpired part of the term of the original patent.

It is clear from the statute that in order to entitle an applicant to a reissue of a patent it must be established that his patent was wholly or partly inoperative or invalid by reason of some inadvertence, accident, or mistake. Furthermore, after a lapse of two years after the issuance of a patent, a reissue application for claims broader than those contained in the patent will not be granted, unless special circumstances are established to excuse the delay in filing such application. See *In re Kaser*, supra.

From a careful examination of the record, we are unable to agree with the Solicitor for the Patent Office that the Primary Examiner rejected the appealed claim on any ground other than that appellant failed to disclose special circumstances or reasons to excuse his delay in filing the reissue application for a broader claim. We think it is also clear from the quoted decision of the Board of Appeals that it held the same view. Accordingly, we are in agreement with counsel for appellant that the real issue before us is whether the Board of Appeals was right in holding that claim 6 is broader than the claims of the patent.

In its decision the Board compared allowed claim 3, one of the original claims of the patent, with appealed claim 6, and held that the latter claim was broader. Claim 3 reads:

> 3. A method of cracking hydrocarbon oils, comprising maintaining a body of oil at a cracking temperature by circulating oil from said body through heating tubes and back to said body and heating the oil to a cracking temperature in said heating tubes, taking off vapors from said body of oil and subjecting them successively to a first and second refluxing operation, *returning reflux condensate from the first refluxing operation to the oil circulating from said body of oil to said heating tubes*, forcing reflux condensate from the second refluxing operation once through a separate heating conduit and heating it therein to a cracking temperature, and discharging hot oil products from said heating conduit into said body of oil. [Italics ours.]

We have italicized those portions of appealed claim 6 and allowed claim 3, which have occasioned the involved controversy.

It is contended by counsel for appellant that the oil which is subjected to the cracking process in the heating tubes, as disclosed in the patent, does not consist exclusively of recycled oil, but rather includes a mixture of both fresh and recycled oil; that claim 3 of the patent and appealed claim 6, if construed in accordance with appellant's specification,

> "require reintroduction of the primary reflux condensate into recycled oil passing *from* the vapor separating chamber *to* the primary heating tubes";

that

> "in the cyclic processes of both the clean circulation type and the dirty circulation type it is customary to pass fresh oil through the primary heater *together with* the recycled oil, irrespective of whether the 'recycled oil' consists solely of condensed oils as in the clean circulation type of process, or of a mixture of condensed oil and unvaporized liquid residual oil as in the dirty circulation type of cracking process";

that claim 3 of the patent does not necessarily exclude the introduction of

> "fresh oil directly into the line leading to the inlet of the primary heating tubes * * *, although it does require that 'recycled oil' of some form or other, derived from material that has passed through the vapor separating chamber, must *also* pass through the primary heating tubes";

and that neither claim 3 of the patent nor appealed claim 6 excludes the introduction of fresh oil into the line leading directly to the primary heating tubes.

It is true, as stated by the Board of Appeals, that the italicized language of claim 3 of the patent

> "returning reflux condensate from the first refluxing operation to the oil circulating from said body of oil to said heating tubes"

suggests that the reflux condensate is returned to, or mixed with, the oil which is circulating from the vapor separating chamber to the heating tubes; whereas, the italicized language of claim 6

> "combining at least a portion of said primary reflux condensate with the oil being subjected to cracking conditions in said heating zone"

suggests, in view of the teachings of the patent, that such primary reflux condensate may be mixed with fresh oil as well as the oil circulating from the vapor separating chamber to the heating tubes, and, to that extent, it might be argued that appealed claim 6 is broader than allowed claim 3. It is obvious, however, that in appellant's process the primary reflux condensate, the oil circulating from the vapor separating chamber into the primary heating tubes, and the fresh oil introduced into the system are, or may be, combined in the primary heating tubes. This being so, we are of opinion that the italicized language of claim 3 should not be so narrowly construed as to limit the process defined in that claim to a return of the reflux condensate to the *oil circulating only from the vapor separating chamber to the heating tubes*, or that the meaning of the italicized language of claim 6 should be extended to include in the process defined in that claim the return of the primary reflux condensate, as stated by the Board "to other than recirculated oil" from the vapor separating chamber.

We find nothing whatsoever in the patent nor in the claims here under consideration which necessarily precludes the introduction of fresh oil in the cycle disclosed by appellant at any point in the system. Accordingly, construing the italicized language of claims 3 and 6, in harmony with appellant's specification, we are inclined to the opinion that claim 6 does not "broaden the whole field or area beyond that covered by the scope of the claims of the original patent," as held by the Board of Appeals.

The Board having conceded that claim 6 is narrower in other respects than the claims of the patent, as it obviously is, we are constrained to disagree with its conclusion. Accordingly, for the reasons herein stated, the decision is reversed.

Reversed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,251,377, A. W. Hull, Method of and means for obtaining constant direct current potentials; 1,297,188, I. Langmuir, System for amplifying variable currents; 1,573,374, P. A. Chamberlain, Radio condenser; 1,728,879, Rice & Kellogg, Amplifying system, D. C., S. D. Calif. (Los Angeles), Doc. E 464–H, *Radio Corp. of America et al.* v. *R. S. Shelley et al.* Decree for plaintiffs Oct. 13, 1936.

1,283,434, H. E. Warren, Timing device; 1,334,423, same, Indicator for electrically driven clocks; 1,892,552, F. C. Holtz, Alternating current motor and method of controlling the speed thereof, appeal filed Oct. 20, 1936, C. C. A., 1st Cir., Doc. 3194, *Warren Telechron Co. et al.* v. *Waltham Watch Co.*

1,296,471, 1,307,846, L. S. Brainerd, Method of making motion pictures; 1,301,538, same, Apparatus for making motion pictures; 1,926,722, F. W. Jackman, Composite motion pictures; 1,960,632, same, Mounting for a flexible translucent motion picture screen; 1,980,806, H. F. Koenekamp, Composite motion picture, D. C., S. D. Calif. (Los Angeles), Doc. E 501–Y, *Warner Bros. Pictures, Inc.*, v. *Paramount Productions, Inc.* Dismissed pursuant to stipulation without prejudice Oct. 16, 1936.

1,297,188. (See 1,251,377.) 1,301,538. (See 1,296,471.)

1,307,846. (See 1,296,471.) 1,334,423. (See 1,283,434.)

1,403,475, H. D. Arnold, Vacuum tube circuit; 1,403,932, R. H. Wilson, Electron discharge device; 1,507,016, L. de Forest, Radio signaling system; 1,507,017, same, Wireless telegraph and telephone system; 1,618,017, F. Lowenstein. Wireless telegraph apparatus; 1,702,833, W. S. Lemmon, Electrical condenser; 1,811,095, H. J. Round, Thermionic amplifier and detector; Re. 18,579, Ballantine & Hull, Demodulator and method of demodulation, D. C., S. D. Calif. (Los Angeles), Doc. E 470–H, *Radio Corp. of America et al.* v. *R. S. Shelley et al.* Decree for plaintiff Oct. 13, 1936.

1,403,932. (See 1,403,475.)

1,405,173, 1,480,482, H. J. Wheeler, Pumping apparatus; 1,894,234, 1,964,726, G. C. Engstrand, Oil pumping apparatus, filed Oct. 22, 1936, C. C. A., 2d Cir., Doc. —, *Salvage Process Corp. et al.* v. *Acme Tank Cleaning Process Corp.*

1,480,482. (See 1,405,173.) 1,507,016. (See 1,403,475.)

1,507,017. (See 1,403,475.)

1,569,305, A. Robinson, Orifice fitting, D. C., S. D. Calif. (Los Angeles), Doc. E R–40–M, *Robinson Orifice Fitting Co.* v. *Commercial Iron Works of Los Angeles.* Dismissed Oct. 19, 1936.

1,573,374. (See 1,251,377.)

1,596,725, C. E. Ferree, Lighting fixture, filed Oct. 22, 1936, D. C., S. D. N. Y., Doc. E 84/76, *M. B. Beck* v. *Shapiro & Aaronson, Inc., et al.*

1,603,512, Carleton & Carleton, Film developing apparatus; 1,979,937, F. W. Jackman, Sound accompaniment for composite motion pictures, D. C., S. D. Calif. (Los Angeles), Doc. 500–J, *United Research Corp.* v. *Paramount Productions, Inc.* Decree dismissing bill without prejudice Oct. 16, 1936.

1,613,163, C. D. Dunning, Method of producing composite photographs; 1,673,019, R. J. Pomeroy, Method of producing composite photography; 1,686,987, same, Method of making composite pictures; 1,776,269, same, Correction of color transparencies, D. C., S. D. Calif. (Los Angeles), Doc. ET–111–C, *R. J. Pomeroy et al.* v. *Warner Bros. Pictures, Inc., et al.* Dismissed on stipulation, without prejudice Oct. 19, 1936.

1,618,017. (See 1,403,475.) 1,673,019. (See 1,613,163.)

1,684,671, H. P. Hayden, Method of preventing evaporation from cement concrete during curing, appeal filed June 10, 1936, C. C. A., 3d Cir., Doc. 6171, *Barber Asphalt Co.* v. *Stulz-Sickles Co. et al.*

1,686,987. (See 1,613,163.)

1,694,823, D. C. Larson, Automatic elevator; 1,904,647, Lindquist & Carson, Elevator system, D. C., S. D. N. Y., Doc. E 83/180, *Otis Elevator Co.* v. *Staley Elevator Co., Inc.* Dismissed without prejudice (notice Oct. 19, 1936).

1,702,833. (See 1,403,475.) 1,728,879. (See 1,251,377.)

1,748,335, Farley & Landon, Method of treating coal and product thereof, appeal filed Mar. 28, 1936, C. C. A., 3d Cir., Doc. 6102, *Philadelphia & Reading Coal & Iron Co.* v. *Delaware, Lackawanna & Western Coal Co.*

1,763,633, N. L. Simmons, Process of making whey products, filed Oct. 14, 1936, D. C., S. D. Calif. (Los Angeles), Doc. E 3–E, *Kraft-Phenix Cheese Corp.* v. *Dairymen's Co-operative Creamery Ass'n.*

1,773,199, J. Price, Heat exchanger, D. C., S. D. N. Y., Doc. E 57/329, *The Griscom Russell Co.* v. *Foster Wheeler Corp.* Dismissed without prejudice (notice Oct. 20, 1936).

1,776,269. (See 1,613,163.)

1,792,950, Welcome & Muff, Orifice fitting, D. C., S. D. Calif. (Los Angeles), Doc. E 62–M, *Commercial Iron Works of Los Angeles* v. *Robinson Orifice Fitting Co. et al.* Dismissed Oct. 19, 1936.

1,811,095. (See 1,403,475.)

1,824,012, Des. 83,672, Des. 86,767, H. Esterow, Fountain pen clip, D. C., S. D. N. Y., Doc. E 71/271, *H. Esterow* v. *C. E. Marshall* (*Marshall & Meier*). Dismissed without prejudice (notice Oct. 16, 1936).

1,848,468, A. H. Emery, Jr., Machine for testing the strength of materials, appeal filed Mar. 9, 1936, C. C. A., 3d Cir., Doc. 6074, *Baldwin-Southwark Corp.* v. *T. Olsen Testing Machine Co. et al.*

1,892,552. (See 1,283,434.) 1,894,234. (See 1,405,173.)

1,904,647. (See 1,694,823.)

1,906,241, E. A. Arp, Method and apparatus for predetermining the size of rebored cylinders; Re. 18,832, same, Tool attachment device, filed Oct. 23, 1936, D. C., N. D. Ohio, E. Div., Doc. 5527, *Van Norman Machine Tool Co.* v. *Lempco Products, Inc.*

1,926,722. (See 1,296,471.)

1,931,297, F. Reiser, Embroidery frame, D. C., M. D. Pa. (Scranton), Doc. 1248, *F. Reiser et al.* v. *M. Mitrani et al* (*Milco Undergarment Co.*). Decree for plaintiff Oct. 15, 1936.

1,933,008, D. Hoppenstand, Gear shifting mechanism, appeal filed May 20, 1936, C. C. A., 3d Cir., Doc. 6155, *D. Hoppenstand* v. *Mack-International Motor Truck Corp.*

1,960,632. (See 1,296,471.) 1,964,726. (See 1,405,173.)

1,979,937. (See 1,603,512.) 1,980,806. (See 1,296,471.)

2,018,182, G. H. Logan, Drum head, appeal filed Sept. 17, 1936, C. C. A., 3d Cir., Doc. 6196, *W. F. Hammond* v. *Drumhead Co. et al.*

2,039,903, F. C. Hild, Floor machine, filed Oct. 17, 1936, D. C., S. D. Ind. (Terre Haute), Doc. E 176, *F. C. Hild et al.* v. *Continental Car-na-var Corp.*

2,045,149, E. W. Vessey, Apparatus for harvesting and packaging lettuce, filed Oct. 15, 1936, D. C., S. D. Calif. (Los Angeles), Doc. E 1032–H, *E. W. Vessey* v. *C. H. Martin et al.*

2,053,481, J. Kainen, Method of making buckle frames, filed Oct. 22, 1936, D. C., S. D. N. Y., Doc. E 84/75, *Algren Mfg. Co., Inc.*, v. *K. Shaya.*

Re. 17,393. (See Re. 18,852.)

Re. 18,579. (See 1,403,475.)

Re. 18,832. (See 1,906,241.)

Re. 18,841. (See Re. 18,852.)

Re. 18,852 (of Re. 18,841 and Re. 17,393), J. Mayer, Hair waving method, filed Oct. 19, 1936, D. C., S. D. N. Y., Doc. E 83/68, *The Philad Co.* v. *Lechler Laboratories, Inc.*

Des. 83,672. (See 1,824,012.)

Des. 86,662, W. Bunzl, Therapeutic lamp, D. C., S. D. N. Y., Doc. E 72/266, *W. Bunzl* v. *P. Zucker* (*Cosmo Sun Ray Products Co.*). Consent decree for plaintiff (notice Oct. 17, 1936).

Des. 86,767. (See 1,824,012.)

Des. 87,056, J. F. Greig, Corset, Filed Oct. 20, 1936, D. C., S. D. N. Y., Doc. E 84/71, *Charnaux Patent Corset Co., Inc.*, v. *Dainties, Inc.*

Des. 97,705, C. Emmey, Applique emblem, D. C., S. D. N. Y., Doc. E 82/168, *Frances Emblems, Inc., et al.* v. *Novelty Felt Applique Co. Inc.* Consent decree for plaintiff (notice Oct. 20, 1936).

Des. 99,724, J. Persky, Knitted textile fabric, filed Oct. 20, 1936, D. C., S. D. N. Y., Doc. E 84/70, *Josef Knitted Fabric Co., Inc.*, v. *G. & M. Textile Co. Inc.*

Des. 100,451, D. S. Roseman, Bolero sweater ensemble, filed Oct. 21, 1936, D. C., S. D. N. Y., Doc. E 84/73, *D. S. Roseman* (*Roseman Knitwear*) v. *A. T. Berman et al.* (*Bemly Knitwear Co.*).

Des. 101,096. (See Des. 101,398.)

Des. 101,159, Des. 101,323, L. Biva, Rug, filed Oct. 15, 1936, D. C., S. D. N. Y., Doc. E 84/4, *O. Timme* (*E. F. Timme & Son*) v. *S. S. Herzfeld et al.* (*Stephen Rug Mills*).

Des. 101,323. (See Des. 101,159.)

Des. 101,398, Des. 101,096, M. Richter, Dress, filed Oct. 21, 1936, D. C., S. D. N. Y., Doc. E 84/474, *Richter & Decker, Inc.*, v. *Renwick Frocks, Inc.*

Des. 101,424, D. W. Price, Dress, filed Oct. 20, 1936, D. C., S. D. N. Y., Doc. E 84/69, *Price Schlesinger, Inc.*, v. *B. Fox et al.* (*Merit Dress Co.*).

Adjudicated Patents

(D. C. N. Y.) Lowenstein patent, No. 1,231,764, for telephone-relay, claims 1, 2, 4, 5, 6, and 7 *Held* valid and infringed. *Western Electric Co., Inc., et al.* v. *General Talking Pictures Corporation*, 16 F. Supp. 293.

(D. C. N. Y.) Arnold patent, No. 1,329,283, for thermionic amplifier, claims 7, 10, and 13 *Held* valid and infringed. *Id.*

(D. C. N. Y.) Arnold patent, No. 1,349,252, for method of and means for utilizing thermionic currents, claim 15 *Held* invalid. *Id.*

(D. C. N. Y.) Arnold patent, No. 1,403,475, for vacuum-tube circuits, claims 8, 9, and 10 *Held* valid and infringed. *Id.*

(D. C. N. Y.) Mathes patent, No. 1,426,754, for circuits for electron discharge devices, claim 8 *Held* valid and infringed. *Id.*

(D. C. N. Y.) Arnold patent, No. 1,448,550, for thermionic amplifier circuits, claims 1 and 12 *Held* valid and infringed. *Id.*

(D. C. N. Y.) Arnold patent, No. 1,465,332, for vacuum-tube amplifier, claims 1, 3, 5, 8, 10, and 11 *Held* valid and infringed. *Id.*

(D. C. N. Y.) Arnold patent, No. 1,520,994, for electron-discharge amplifier, claims 1 and 4 *Held* valid and infringed. *Id.*

(C. C. A. Calif.) Burke patent, No. 1,379,753, for driving mechanism for oil-well rigs, claims 1 to 4, 9, and 10 *Held* not infringed. *Burke* v. *Emsco Derrick & Equipment Co.*, 85 F.(2d) 774.

TRADE-MARKS

OFFICIAL GAZETTE, DECEMBER 8, 1936

[VOL. 473. NO. 2]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly-Prepared Materials

Ser. No. 382,604. THE J. C. ROBINSON SEED CO., Waterloo, Nebr. Filed Aug. 26, 1936.

ROB-SEE-CO

For Corn Seeds, Sorghum Seeds, Cucumber Seeds, Cantaloupe Seeds, Watermelon Seeds, Squash Seeds, and Pumpkin Seeds.

Claims use since Jan. 1, 1935.

CLASS 2

Receptacles

Ser. No. 383,893. NATIONAL CELLULOSE CORPORATION, New York, N. Y. Filed Oct. 2, 1936.

NAP-SAC

The word "Sac" apart from the mark shown is disclaimed.

For Rubber Lined Containers for Sanitary Napkins and the Like.

Claims use since Sept. 18, 1936.

Ser. No. 384,605. WALTHAM BAG & PAPER COMPANY, Waltham, Mass. Filed Oct. 20, 1936.



For Paper Bags, Paper Boxes, and Paper Containers.

Claims use since Feb. 27, 1915.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 380,287. KEENE WASHING PRODUCTS CO., Keene, N. H. Filed June 26, 1936.

Old New Hampshire



The words "Old New Hampshire" are disclaimed apart from the mark shown.

For Household Cleanser for Cleaning, Scouring, and Polishing, and Having Incidental Deodorant and Purification Properties.

Claims use since Dec. 10, 1935.

Ser. No. 384,421. INDUSTRIAL ABRASIVES, INCORPORATED, Chicago, Ill. Filed Oct. 16, 1936.

DIA-MO-NEX

For Abrading Elements—Namely, Abrasive Disks, Abrasive Belts, and Abrasive Papers and Cloths.

Claims use since Aug. 10, 1936.

Ser. No. 384,466. HORDEL COMPANY, INC., New York, N. Y. Filed Oct. 17, 1936.

RINO

For Urinal and Toilet Bowl Cleansers.

Claims use since Oct. 1, 1935.

Ser. No. 384,488. H. KIRK WHITE & Co., Oconomowoc, Wis. Filed Oct. 17, 1936.

DU-TONE

For Glass Cleanser.
Claims use since Sept. 1, 1933.

Ser. No. 384,540. DAVID B. LESSER, doing business as The Benzofoam Products Co., Chicago, Ill. Filed Oct. 19, 1936.

FILTOFOAM

For Dry Cleaning Soap.
Claims use since Jan. 1, 1910.

CLASS 5

Adhesives

Ser. No. 381,890. CHARLES P. COSCIA, Pittsburgh, Pa. Filed Aug. 5, 1936.



Liquid Thread

For Liquid Paste and Liquid Thread for Office and Domestic Use and for Mending Purposes.
Claims use since Jan. 15, 1936.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 353,831. YBRY, INC., Wilmington, Del., and New York, N. Y. Filed July 12, 1934.

INFUSION DE PARFUM YBRY
NOUVEAU PRO CÉDÉ

The words "Infusion De Parfum" and "Nouveau Procedé" are disclaimed apart from the mark.
For Perfumes and Lotions.
Claims use since Aug. 27, 1932.

Ser. No. 362,788. RARE CHEMICALS, INC., Nepera Park, N. Y. Filed Mar. 20, 1935.

OPTOCHIN

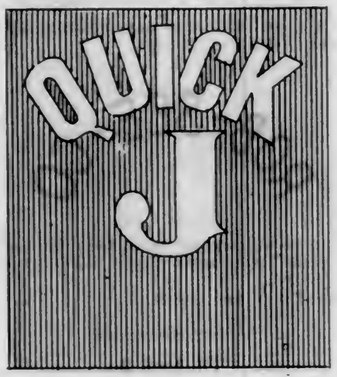
For Pneumococcic Organisms.
Claims use since Oct. 31, 1913.

Ser. No. 369,444. EVE D'ALPERN, Pittsburgh, Pa. Filed Sept. 18, 1935.

Eve d'Alpern

Trade-mark is a facsimile signature of the applicant.
For Face Powder, Toilet Waters, Lotions for the Skin and Hair, Brilliantine, Powder and Rouge Compacts, Rouges, Talcum Powders, Dusting Powders, Face Creams, Bath Salts, Lipsticks, Perfumes, and Sachet Powders.
Claims use since Sept. 11, 1935.

Ser. No. 370,411. JOSEPH GELBMAN, doing business as Quick J Laboratories Co., Pittsburgh, Pa. Filed Oct. 16, 1935.



The word "Quick" apart from its association with the rest of the mark is disclaimed. The drawing is lined for red.
For Ointment for the Relief of Rheumatism, Corns, Callouses, Swollen Glands, and Sprains; Toothpaste, Toothache Drops, Cough Syrup, Hair Tonic, and Scalp Preparation for Stimulating the Scalp, Removing Dandruff, and Preventing Falling Hair, a Preparation for Eczema and Athlete's Foot, and a Salve for Burns, Sunburn, Skin Irritations, Cold Blisters, Poison Ivy, Ring Worms, Boils, Cuts, and Sores.
Claims use since June 15, 1935.

Ser. No. 372,160. ANDREW B. BONN., doing business as Bonaseptic Co., Fairmont, W. Va. Filed Dec. 2, 1935.

BONASEPTIC

For Foot Lotion.
Claims use since Apr. 10, 1925.

Ser. No. 372,746. PUREPAC CORPORATION, New York, N. Y. Filed Dec. 17, 1935.

PUREOSEPTIC

For Mouth Wash.
Claims use since December, 1931.

Ser. No. 374,993. ZINSSER & COMPANY, INC., Hastings-on-Hudson, N. Y. Filed Feb. 18, 1936.

ACZOL

For Chemical Product for Preserving Wood and Other Organic Materials.
Claims use since Nov. 8, 1921.

Ser. No. 376,735. CHARLES ROGERS, doing business as Rogers Drug Company, Astoria, N. Y. Filed Apr. 2, 1936.

CHILDEX

For Preparation for the Relief of Coughs.
Claims use since Nov. 1, 1935.

Ser. No. 379,856. SYL-MAY DRUGS CO., doing business as Pan-Dent Laboratories, Stamford, Conn. Filed June 17, 1936.

PAN-DENT

For Magnesia Tablets, Mint Flavored, Papain and Bile Salts, Milk of Magnesia and Mineral Oil, Antiseptic, Milk of Magnesia, Chewing Gum Laxative, Alkaline Effervescent Tablets, Three Bromides, Cod Liver Oil Concentrate Tablets, Athletic Liniment, Hemorrhoidal Suppositories, Cascarin Compound, Glycerin Suppositories (Infant), Cascara Sagrada, Glycerin Suppositories (Adult), Citrates and Carbonates.
Claims use since January, 1932.

Ser. No. 380,095. ROBERT G. BLACKIE, doing business as Fermex Laboratories, Springfield, Mass. Filed June 23, 1936.

FERMEX

For Antacid.
Claims use since February, 1929.

Ser. No. 381,138. SCOBELL CHEMICAL COMPANY, Rochester, N. Y. Filed July 17, 1936.

SCOBALOX

For Aluminum Oxide for Use in the Determination of Carbon in the Analysis of Steel.
Claims use since January, 1936.

Ser. No. 381,775. NOBS DEHYDRATING CORPORATION, Los Angeles, Calif. Filed Aug. 3, 1936.

NOBS

For Chemical Used for Dehydrating Petroleum Oils.
Claims use since June 15, 1933.

Ser. No. 381,810. HENRI ACHILLE ETIENNE PORSIN, Paris, France. Filed Aug. 4, 1936.

APIVÈNE

For Preparation Used in the Treatment of Rheumatism, Sciatica, Lumbago, Diseases of the Nervous System, Neuritis, and Arthritis.
Claims use since Apr. 30, 1935.

Ser. No. 382,315. LESSING L. KOLE, doing business as Kolmar Laboratories, Milwaukee, Wis. Filed Aug. 18, 1936.

Dare

TO BE BEAUTIFUL

For Rouge, Lipsticks, Loose Powder, Eyeshadow, Cream Rouge, Face Creams, Cake Mascara, Cream Mascara, Lotions, and Hair Preparations.
Claims use since Feb. 11, 1935.

Ser. No. 382,520. RALPH J. PATTERSON, doing business as R. J. Patterson Co., Des Moines, Iowa. Filed Aug. 24, 1936.

HAIR-TREAT

For Hair Oil and Dandruff Remover.
Claims use since July 8, 1931.

Ser. No. 382,546. BROWN BROTHERS COMPANY, Gainesville, Ga. Filed Aug. 22, 1936.



The representation of the bottle and the word "Liniment" are disclaimed apart from the mark shown. The picture is fanciful.
For Liniment Recommended for Sprains, Minor Cuts, and Bruises, and Stiffness Due to Muscular Exercise.
Claims use since Apr. 29, 1936.

Ser. No. 382,617. ISAIAH D. RUSSELL, doing business as I. D. Russell Company, Kansas City, Mo. Filed Aug. 26, 1936.

Korum for Poultry

The words "For Poultry" are disclaimed apart from the mark shown.
For Poultry Medicines.
Claims use since 1929.

Ser. No. 382,680. SINCLAIR G. STANLEY, doing business as Stanis, Chicago, Ill. Filed Aug. 28, 1936.

Seventeana

For Herb Tea for Promoting and Maintaining Regular Elimination.
Claims use since Aug. 15, 1935.

Ser. No. 382,806. J. POUTAYS, Bordeaux, France. Filed Sept. 1, 1936.

ANTI-TERMITE "ELEN" N

The words "Anti-Termite" are disclaimed apart from the mark as shown.
For Insecticides or Vermin Killer.
Claims use since Jan. 24, 1934.

Ser. No. 382,819. BONAT & BONAT, INC., New York, N. Y. Filed Sept. 2, 1936.

VITOF
CONTAINS VITAMIN F

No claim is made to the words "Contains Vitamin F."
For Hair Waving Solution, Hair Rinse, Hair Tonic, and Hair Shampoo.
Claims use since Mar. 1, 1936.

Ser. No. 383,060. HOUBIGANT, INC., New York, N. Y. Filed Sept. 9, 1936.

FARANDOLE

For Perfume, Toilet Water, Skin Lotion, Eau Vegetal, Cold Cream, Face Powder, Sachets, Dusting Powder, Talcum Powder, Compact Powder, Compact Rouge, Bath Salts, Brilliantine, Lipstick, and Bandoline.
Claims use since Sept. 3, 1936.

Ser. No. 383,061. HOUBIGANT, INC., New York, N. Y. Filed Sept. 9, 1936.

TROUVAILLE

For Perfume, Toilet Water, Skin Lotion, Eau Vegetal, Cold Cream, Face Powder, Sachets, Dusting Powder, Talcum Powder, Compact Powder, Compact Rouge, Bath Salts, Brilliantine, Lip Stick, and Bandoline.
Claims use since Sept. 3, 1936.

Ser. No. 383,226. RUDOLPH REBOLD, New York, N. Y. Filed Sept. 14, 1936.

ANTISEPTIZED

For Insecticides, Fungicides, Germicides, and Bactericides.
Claims use since Sept. 9, 1936.

Ser. No. 383,402. MULFORD COLLOID LABORATORIES, Philadelphia, Pa. Filed Sept. 18, 1936.

VITACOL

For Solution of Certain Metallic Colloids, Including Iron, Manganese, and Copper, for Use as a General Ferruginous Tonic and in the Treatment of Chlorosis, Primary and Secondary Anemias, General Debility, Wasting Diseases and to Hasten Convalescence Following Operations and After Exhaustive Illness, and for Increasing the Quality of Milk During Lactation.
Claims use since Sept. 1, 1921.

Ser. No. 383,623. CHARLES P. HUGHES, Chicago, Ill. Filed Sept. 25, 1936.

June Meredith

Trade-mark is a facsimile signature of June Meredith, an employee of applicant.
For Bleach Creams, Tissue Creams, Cold Creams, Cleansing Creams, Hand Creams, Hand Lotions, Perfumes, Face Powders, Rouge, Lipstick, Eyebrow and Eyelash Mascara.
Claims use since Oct. 23, 1933.

Ser. No. 383,779. PAPER MAKERS CHEMICAL CORPORATION, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware. Filed Sept. 29, 1936.

CLORINSE

For Compound of Chloramine-T and Sodium Bicarbonate for Use as a Germicidal Wash and Rinse.
Claims use since June 3, 1936.

Ser. No. 383,850. RONALD ELLROY NEY, doing business as N & B Laboratories, Harrisonburg, Va. Filed Oct. 1, 1936.

KILFUNG

For Preparation for Relief of Athlete's Foot.
Claims use since Sept. 25, 1936.

Ser. No. 383,884. HAYS MACFARLAND AND COMPANY, doing business as Togo, Chicago, Ill. Filed Oct. 2, 1936.

TŌGO

For Preparation for the Treatment of Athlete's Foot.
Claims use since Aug. 13, 1936.

Ser. No. 383,889. THE MABEX CO., Philadelphia, Pa. Filed Oct. 2, 1936.

SANAROMA

For Insecticides.
Claims use since June 15, 1935.

Ser. No. 383,931. LUCIEN LELONG INC., Chicago, Ill. Filed Oct. 3, 1936.

INGENUE

For Perfume.
Claims use since Sept. 18, 1936.

Ser. No. 383,943. MRS. JAMES S. ROBINSON, doing business as James S. Robinson, Apothecary, Memphis, Tenn. Filed Oct. 3, 1936.

THEORUD

For Medicinal Preparation—Namely, a Vasodilator-Hypertension in Tablet Form.
Claims use since July 28, 1936.

Ser. No. 384,000. E. F. HOUGHTON & Co., Philadelphia, Pa. Filed Oct. 5, 1936.

ACITROL

For Pickling Compounds in Liquid and Powdered Form for Removing Scale from Steel.
Claims use since Sept. 25, 1936.

Ser. No. 384,001. E. F. HOUGHTON & Co., Philadelphia, Pa. Filed Oct. 5, 1936.

PERLITEX

For Carburizers for Liquid Baths Used in the Treatment of Steel.
Claims use since Sept. 25, 1936.

Ser. No. 384,007. E. G. NETZEL, Los Angeles, Calif. Filed Oct. 5, 1936.

SACREDOL

For Anti-Acid, Carminative, Digestant, and Laxative.
Claims use since Sept. 2, 1936.

Ser. No. 384,011. IRVINE POOLE, Seattle, Wash. Filed Oct. 5, 1936.

MODERN MIRACLE

For Preparation for the Hair.
Claims use since Aug. 14, 1936.

Ser. No. 384,048. OLD RELIABLE LABORATORIES, INCORPORATED, Ashland, Ky. Filed Oct. 6, 1936.

WIM

For Preparation for the Relief of Athlete's Foot and Common Fungus Skin Infections.
Claims use since Sept. 1, 1936.

Ser. No. 384,054. SKOL PRODUCTS CO. INC., now by change of name Skol Company, Inc., Mount Kisco, N. Y. Filed Oct. 6, 1936.

SKOL

For Antiseptic and Germicide for Relief of Sunburn, Windburn, and Chapping, for Cuts, Blisters, Cold Sores, Ring Worm, Athlete's Foot, Hives, Burns, Abrasions, Scalds, and Other Skin Irritations.
Claims use since Jan. 30, 1934.

Ser. No. 384,127. MARIO CAPPELLO, doing business as The Effior Co., Boston, Mass. Filed Oct. 8, 1936.

EFFLOR

For Ammonia, Germicide, Disinfectants, and Bluing.
Claims use since Feb. 6, 1936.

Ser. No. 384,142. SPICER AND COMPANY, Glendale, Calif. Filed Oct. 8, 1936.

NEOSTANNIN

For Preparation for the Treatment of Boils and Other Staphylococcis Infections.
Claims use since Sept. 22, 1936.

Ser. No. 384,201. LYDIA ALLEN DE VILBISS, Miami, Fla. Filed Oct. 10, 1936.

femfoam

For Vaginal Antiseptic.
Claims use since March, 1936.

Ser. No. 384,219. SEMINOLE DRUG COMPANY, Lebanon, Pa. Filed Oct. 10, 1936.

Seminole

For Medicinal Preparation in Tablet Form to be Taken Internally for Treatment in Rheumatism, Constipation, Kidney Trouble, Torpid Liver, Indigestion, Stomach Trouble, Headache, Grip, and Eczema, and as a Blood Tonic.
Claims use since 1906.

Ser. No. 384,336. F. AD. RICHTER & CO. INC., Brooklyn, N. Y. Filed Oct. 14, 1936.

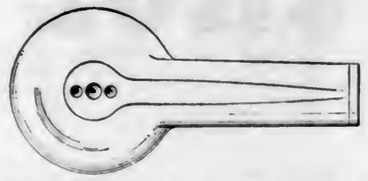
ZIRIL

For Hemorrhoidal Suppositories and Ointment.
Claims use since Oct. 8, 1936.

CLASS 8

Smokers' Articles, Not Including Tobacco Products

Ser. No. 384,126. KAUFMANN BROS. & BONDY, INC., West New York, N. J. Filed Oct. 8, 1936.



Trade-mark consists of two circular aluminum colored inlays in the undersurface of the pipe bowl adjacent the central air inlet valve. The representation of the pipe bowl and the air inlet contained therein per se are disclaimed.
For Pipes.
Claims use since Oct. 5, 1936.

CLASS 11

Inks and Inking Materials

Ser. No. 384,299. REMINGTON RAND INC., Buffalo, N. Y. Filed Oct. 13, 1936.

Patrician

For Typewriter Ribbons.
Claims use since Apr. 2, 1931.

CLASS 12

Construction Materials

Ser. No. 382,525. THE ROHAN COMPANY, INC., Garden City, N. Y. Filed Aug. 24, 1936.

ROCRETE

For Composition Construction and Building Material Which is Either Molded or Pressed into Blocks or Slabs for Making Walls, Floors, or Ceilings and Other Parts of Buildings.
Claims use since July, 1933.

Ser. No. 383,843. M AND M WOOD WORKING COMPANY, Portland, Oreg. Filed Oct. 1, 1936.

OKO

For Lumber and Wood Products, as Follows: Flooring, Panelling, Parquetry, Doors, Casings, Sash, Frames, Trim, Boards, Baseboards, Mouldings, Wallboard, Fibreboard, Composition Board, Plaster Board, Plywood, and Veneer.
Claims use Sept. 1, 1936.

Ser. No. 383,844. M AND M WOOD WORKING COMPANY, Portland, Oreg. Filed Oct. 1, 1936.

Duotest

For Plywood.
Claims use since Sept. 1, 1936.

Ser. No. 383,845. M. AND M. WOOD WORKING COMPANY, Portland, Oreg. Filed Oct. 1, 1936.

Staminite

For Plywood.
Claims use since Sept. 1, 1936.

Ser. No. 383,846. M AND M WOOD WORKING COMPANY, Portland, Oreg. Filed Oct. 1, 1936.

Stasso

For Plywood.
Claims use since Sept. 1, 1936.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 374,075. ART BRASS COMPANY, New York, N. Y. Filed Jan. 25, 1936.

SANOLA

For Holders for the Following Articles: Tumblers, Tooth Brushes, Soap, Receptacles, Sponge, Toilet Paper, Brooms, and Holders for Combinations of Said Articles, Also Brackets, Bathtub Rails, Glass Bathroom Shelves, Hooks, Plumbers' Accessories—Namely, Metal Washers, Screws, Bolts, Nuts, Compression Cushions, Pipe Connections, Tank Bulbs, Valves, Bumpers, Rings, Pins, Stoppers, Hinges, Chains, Flanges, Rods.
Claims use since Mar. 17, 1913.

Ser. No. 381,478. DRAPERY HARDWARE CO., LTD., Los Angeles, Calif. Filed July 27, 1936.

DRACO

For Drapery Hardware, Wrought Iron Drapery Fixtures, Brass Drapery Fixtures, Wood Pole Drapery Sets, Wood and Metal Drapery Cornices, Swinging Drapery Arms, Flower Pot Holders of Metal, Metallic Bindings and Corner Pieces for Carpets, Linoleums, and Like Floor-Coverings, Cast Metal Soil Pipe Fittings, Cast Metal Screwed Plumbing Fittings, Soil Pipe, Soil Pipe Fittings, Drainage Pipe, and Drainage Pipe Fittings.
Claims use since Sept. 1, 1935.

Ser. No. 383,052. THE CAPEWELL MANUFACTURING COMPANY, Hartford, Conn. Filed Sept. 9, 1936.

NORTHWESTERN

For Horse Nails.
Claims use since 1862.

Ser. No. 383,743. HELMUTH R. KLAUDT, doing business as Adjustable Rod & Shelf Co., Chicago, Ill. Filed Sept. 28, 1936.

Just - O - Rod

The word "Rod" is disclaimed apart from the mark.
For Metallic Rods for Supporting Clothes, Bath Shower Curtains, Portieres, Etc.
Claims use since Oct. 15, 1935.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 383,921. THE EXTRUDED METAL PRODUCTS CO., Bridgeport, Ohio. Filed Oct. 3, 1936.

MILLARD METAL

The word "Metal" is disclaimed apart from the mark shown.
For Bronze Castings Principally for Use in Metal Pickling Apparatus and Equipment.
Claims use since Sept. 1, 1933.

Ser. No. 384,224. JAMES A. WESTHAVER, Malden, Mass. Filed Oct. 10, 1936.

PURITYPE

For Non-Ferrous Alloys—Namely, Pig Lead, Bearing Metal, Solder, and Type Metal.
Claims use since June 1934.

Ser. No. 384,847. FEDERATED METALS CORPORATION, New York, N. Y. Filed Oct. 27, 1936.

DRC

For Copper.
Claims use since Jan. 1, 1916.

CLASS 15

Oils and Greases

Ser. No. 355,827. BULK SERVICE STATIONS, INC., Chicago, Ill. Filed Sept. 8, 1934.

TRACKSIDE
PAR-EXCELLENT
PAR-EX

The word "Par-Excellent" is disclaimed apart from the mark shown.
For Petroleum Products Consisting in Gasoline, Lubricating Oils, and Lubricating Greases.
Claims use since Aug. 21, 1934.

Ser. No. 367,187. DITTO, INCORPORATED, Chicago, Ill. Filed July 12, 1935.

Ditto Lubricant

No claim is made to the word "Lubricant" apart from the mark as shown.
For Lubricating Oil and Grease.
Claims use since Aug. 31, 1925.

Ser. No. 383,654. SOCONY-VACUUM OIL COMPANY, INCORPORATED, New York, N. Y. Filed Sept. 25, 1936.



For Refined Petroleum Oil for Heating, Lighting, and Power Purposes.
Claims use since Sept. 14, 1936.

Ser. No. 383,735. A. GROSS CANDLE COMPANY, INC., Baltimore, Md. Filed Sept. 28, 1936.

MAXIMA

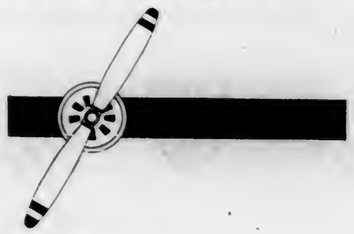
For Candles, Votive, Sanctuary, and Tabernacle Lights Made of Oils, Fats and/or Waxes Similar to Candles.
Claims use since June 1929.

Ser. No. 384,102. SOCONY-VACUUM OIL COMPANY, INCORPORATED, New York, N. Y. Filed Oct. 7, 1936.

Aero Mobiloil

The word "Aero" is disclaimed except in the connection shown.
For Lubricating Oils.
Claims use since May 2, 1934.

Ser. No. 384,103. SOCONY-VACUUM OIL COMPANY, INCORPORATED, New York, N. Y. Filed Oct. 7, 1936.



For Lubricating Oils.
Claims use since May 2, 1934.

CLASS 16

Paints and Painters' Materials

Ser. No. 372,996. THE PURE OIL COMPANY, Chicago, Ill. Filed Dec. 23, 1935.

PURE

The word "Pure" apart from the association shown is disclaimed.
For Automobile Polish with Incidental Cleaning Properties, and Touch-Up Enamel.
Claims use since Apr. 2, 1935.

Ser. No. 383,414. E. I. DU PONT DE NEMOURS AND COMPANY, Wilmington, Del. Filed Sept. 18, 1936.

DUCO 7 WAX

The word "Wax" apart from the mark shown is disclaimed.
For Prepared Wax Polish for Painted Surfaces.
Claims use since May 26, 1931.

Ser. No. 383,567. BANGS PRODUCTS, INC., Linden, N. J. Filed Sept. 24, 1936.



The drawing is lined for blue and orange.
For Furniture Polish, Bar Polish, and Floor Wax.
Claims use since Aug. 1, 1936.

Ser. No. 384,505. Capitol Paint & Varnish Works, Inc., Chicago, Ill. Filed Oct. 19, 1936.

NOWY-NAMEL

For Paint Enamel.
Claims use since Sept. 16, 1936.

Ser. No. 384,709. W. H. KEMP CO., New York, N. Y. Filed Oct. 23, 1936.

ALUMICHROM

For Aluminum Paint.
Claims use since Oct. 14, 1936.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 379,004. THE GLENN L. MARTIN COMPANY, Baltimore and Middle River, Md. Filed May 28, 1936. The drawing is lined for red and blue.

SEAWING

For Airplanes.
Claims use since Oct. 27, 1935.

Ser. No. 382,297. THE WINTER WEISS CO., Denver, Colo. Filed Aug. 17, 1936.

PRAIRIE SCHOONER

For Trailers.
Claims use since July 28, 1936.

Ser. No. 383,573. THE DEFIANCE PRESSED STEEL COMPANY, Defiance, Ohio. Filed Sept. 24, 1936.

TRAFFIC CORE

For Hot Water Heaters for Automobiles.
Claims use since Aug. 31, 1936.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 372,407. EYE-DELIGHT-ADVERTISER, Brooklyn, N. Y. Filed Dec. 9, 1935.

Eye-Delight-Advertiser

The word "Advertizer" apart from the mark as shown is disclaimed.
For Electrical Advertising Devices Consisting of a Plurality of Lights Rotatably Mounted on a Rotating Disc Producing Changeable Designs.
Claims use since July 1, 1935.

Ser. No. 374,413. JEREMIAH D. KENNELLY, Oak Park, Ill. Filed Feb. 3, 1936.

THE LIGHT FROM MARS

The word "Light" and the representation of the name plate are disclaimed except as used in the trade-mark.
For Electric Headlight and Signal Lamps for Street and Railway Crossings, Fire Trucks, Emergency Trucks and Automobiles, Railway Engines and Cars, Street Cars, Ambulances, and the Like.
Claims use since Jan. 15, 1934.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 380,628. THE "5" SPOT SHORT RANGE GUN CLUBS OF AMERICA, Toledo, Ohio. Filed July 6, 1936.

"5" SPOT

For Target Cards for Short Range Shooting.
Claims use since June 20, 1936.

Ser. No. 382,827. THE P. GOLDSMITH SONS COMPANY, Cincinnati, Ohio. Filed Sept. 2, 1936.

Official 97 League

The words "Official League" except in the association shown are disclaimed.
For Baseballs.
Claims use since Aug. 10, 1936.

Ser. No. 384,080. HARRY G. GROSSMAN, New York, N. Y. Filed Oct. 7, 1936.

SLIDE KELLY!

For Baseball Game Employing a Game Board and Movable Pieces.
Claims use since Oct. 1, 1936.

Ser. No. 384,483. TRU-TEST BROKERAGE CORPORATION, Chicago, Ill. Filed Oct. 17, 1936.

TRU-TEST

For Checkers, Golf Bags, Fishing Reels, Playground Balls, Velocipedes, and Roller Skates.
Claims use since Oct. 6, 1936.

Ser. No. 384,931. MARY A. PARKER, Upper Darby, Pa. Filed Oct. 29, 1936.

LINE-O

For Game Played After the Manner of "Bingo".
Claims use since Oct. 1, 1936.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 377,226. THE LINDE AIR PRODUCTS COMPANY, New York, N. Y. Filed Apr. 15, 1936.

LIN-DE-SURFACER

The word "Surfacer" apart from the mark shown is disclaimed.
For Machines Employing High Temperatures for the Elimination of Defects in the Surfaces of Metal Bodies.
Claims use since Mar. 23, 1936.

Ser. No. 382,300. THE ARMSTRONG MFG. CO., Bridgeport, Conn. Filed Aug. 18, 1936.

Vistand

For Mechanics' Work Stands and Benches, Including Stands for Vises or the Like.
Claims use since July 6, 1936.

Ser. No. 383,217. MILLER MANUFACTURING CO., Hicksville, Ohio. Filed Sept. 14, 1936.

MILLER

For Hand-Operated Tools Consisting of Tools and Parts Thereof—Namely, Hay Forks, Garden Rakes, Spading Forks, Garbage Hooks, Manure Hooks, Potato Hooks, Lawn Rakes, Garden Spades, Grain Scoop, Coal Shovels, Garden Hoes.
Claims use since Sept. 1, 1935.

Ser. No. 383,241. TURNMILLING CORPORATION, Jackson, Mich. Filed Sept. 14, 1936.

TURNMIL

For Milling Machines.
Claims use since Apr. 8, 1935.

Ser. No. 384,266. THE OHLEN-BISHOP COMPANY, Columbus, Ohio. Filed Oct. 12, 1936.

OHLEN-BISHOP
STREAMLINED
ZEPHYR

The word "Streamlined" is disclaimed apart from the mark.
For Saws.
Claims use since Sept. 21, 1936.

CLASS 24

Laundry Appliances and Machines

Ser. No. 380,806. TRIANGLE ELECTRIC CO., Chicago, Ill. Filed July 8, 1936.

APOLLO

For Laundry Washing Machines.
Claims use since Jan. 1, 1925.

Ser. No. 384,319. EASY WASHING MACHINE CORPORATION, Syracuse, N. Y. Filed Oct. 14, 1936.

EASY
3 ZONE
WASHER

The word "Washer" is disclaimed apart from the mark shown.
For Laundry Washing Machines.
Claims use since Oct. 7, 1936.

CLASS 25

Locks and Safes

Ser. No. 384,484. TRU-TEST BROKERAGE CORPORATION, Chicago, Ill. Filed Oct. 17, 1936.

TRU-TEST

For Padlocks.
Claims use since Oct. 6, 1936.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 382,614. MARCHANT CALCULATING MACHINE COMPANY, Oakland, Calif. Filed Aug. 26, 1936.

SILENT SPEED

The word "Silent" per se is disclaimed.
For Calculating Machines.
Claims use since July 2, 1935.

Ser. No. 383,757. WHEELING CORRUGATING COMPANY, Wheeling, W. Va. Filed Sept. 28, 1936.

DURA-ZINC

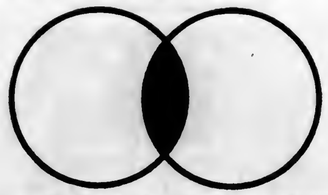
The word "Zinc" apart from the mark as shown is disclaimed.
For Dry Measures.
Claims use since Apr. 19, 1935.

Ser. No. 383,758. WHEELING CORRUGATING COMPANY, Wheeling, W. Va. Filed Sept. 28, 1936.

DURA-ZINC-ALLOY

The words "Zinc-Alloy" apart from the mark as shown are disclaimed.
For Dry Measures.
Claims use since Apr. 19, 1935.

Ser. No. 384,338. SHEET POLARIZER COMPANY, INC., Union City, N. J. Filed Oct. 14, 1936.



For Composite Material Comprising Suspensions of Crystalline Particles in a Light-Transmitting Medium Adapted to be Used in Connection with Optical Devices Such as Microscope Eyepieces, Glare Eliminators, Variable Density Diaphragms, Gem Testers, and the Like.
Claims use since Oct. 3, 1936.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 379,776. THE WEIDLICH BROS. M'F'G. CO., Bridgeport, Conn. Filed June 15, 1936.

Weidlich

Trade-mark is a copy of the signature as written by Mr. Weidlich, president and founder of applicant corporation.
For Sterling Silver Flatware, Hollowware; Gold and Silver Plated Ware—Namely, Salt and Pepper Sets, Candle Sticks, Jewel Cabinets, Photo Frames, Paper Weights, Cigarette and Cigar Boxes, Holders, and Ash Trays, Trophies, Table Ornaments, Sport Statuette Figures, and Plaques.
Claims use since July 1, 1924.

Ser. No. 383,928. INTERNATIONAL SILVER COMPANY, Meriden, Conn. Filed Oct. 3, 1936.

LADY DORIS

For Flat-ware, Hollow-ware, and Cutlery, Plated Entirely or in Part with Silver.
Claims use since May 3, 1933.

CLASS 29

Brooms, Brushes, and Dusters

Ser. No. 384,147. ALBERT C. MCMILLEN, doing business as Lincolnwood Manufacturing Co., Chicago, Ill. Filed Oct. 8, 1936.

RUB-A-TUB



RUBBER SCRUBBER

The words "Rubber Scrubber" apart from the mark as shown are disclaimed.
For Brushes of Rubber and of Bristle, Suitable for Cleaning Plumbing Fixtures, Such as Tubs, Basins, and Sinks.
Claims use since Aug. 3, 1936.

Ser. No. 384,485. TRU-TEST BROKERAGE CORPORATION, Chicago, Ill. Filed Oct. 17, 1936.

TRU-TEST

For Varnish Brushes, Spoke Brushes, Whisk-Brooms, and Dusting Mitts.
Claims use since Oct. 6, 1936.

CLASS 31

Filters and Refrigerators

Ser. No. 382,083. BEER-O-LATOR EQUIPMENT CORP., Newark and Irvington, N. J. Filed Aug. 12, 1936.

BEER-O-LATOR

For Beer Circulating Cooler.
Claims use since June 1, 1936.

Ser. No. 384,583. FAIRBANKS, MORSE & CO., Chicago, Ill. Filed Oct. 20, 1936.

FAIRBANKS-MORSE

For Refrigerators.
Claims use since May 26, 1934.

CLASS 33

Glassware

Ser. No. 381,022. CORNING GLASS WORKS, Corning, N. Y. Filed July 15, 1936.

AKLO

For Heat Absorbing Filter Glass and Ordinary Window Glass.
Claims use since July 16, 1928.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 374,074. ART BRASS COMPANY, New York, N. Y. Filed Jan. 25, 1936.

SANOLA

For Candlesticks, Candle Sconces, and Candelabra.
Claims use since Dec. 24, 1935.

Ser. No. 378,323. NIAGARA BLOWER COMPANY, Buffalo and New York, N. Y. Filed May 11, 1936.

NIAGARA

AERO CONDENSER

The word "Condenser" is disclaimed apart from the mark as shown.
For Condensers.
Claims use since Feb. 25, 1936.

Ser. No. 382,155. A. GROSS CANDLE CO. INC., Baltimore, Md. Filed Aug. 14, 1936.

GROCO "Air-Seal" SANCTUARY LAMP

The words "Sanctuary Lamp" are disclaimed apart from the mark as shown.
For Sanctuary Lamps.
Claims use since July 27, 1936.

Ser. No. 382,230. NEW ENGLAND COKE COMPANY, Boston, Mass. Filed Aug. 15, 1936.

AUTOMATIC NEW ENGLAND COKE HEAT REGULATOR

The words "Automatic" "Heat Regulator", and "New England Coke" are disclaimed apart from the mark shown.
For Thermostatically Controlled and Electrically Actuated Check Draft and Primary Draft Dampers for Boilers and Furnaces.
Claims use since Apr. 28, 1936.

CLASS 36

Musical Instruments and Supplies

Ser. No. 382,211. CARL FISCHER MUSICAL INSTRUMENT CO. INC., New York, N. Y. Filed Aug. 15, 1936.

VICTOR BRAND

The word "Brand" is disclaimed apart from the mark as shown.
For Harmonicas.
Claims use since May, 1936.

CLASS 37

Paper and Stationery

Ser. No. 382,912. JACOB GOLDENBERG, Chicago, Ill. Filed Sept. 4, 1936.

The individual words in the slogan "The Height in Printing Satisfaction" are disclaimed apart from the mark shown. The drawing is lined for yellow and blue.
For Writing Paper, Envelopes, and Blank Invoices.
Claims use since June 20, 1936.

Ser. No. 383,179. THE PARKER PEN COMPANY, Janesville, Wis. Filed September 12, 1936.

SEALOMATIC

For Fountain Pens, Mechanical Pencils, and Desk Sets.
Claims use since Aug. 21, 1936.

CLASS 38

Prints and Publications

Ser. No. 375,051. HEARST MAGAZINES, INC., New York, N. Y. Filed Feb. 20, 1936.

Phone to Find WHO SELLS IT

For Magazine Section in the Nature of a Directory or the like.
Claims use since Feb. 1, 1936.

Ser. No. 377,381. EASTERN COLOR PRINTING COMPANY, Waterbury, Conn. Filed Apr. 20, 1936.

FAVORITE COMICS

For Booklet Publications, Consisting of Cartoons, Cartoon Strips, Puzzles, Games, Tricks of Magic, Stories, Lessons, Advertisements, Etc., Published in a Series.
Claims use since Feb. 4, 1935.

Ser. No. 378,255. JAMES T. IGOE PUBLISHERS, INC., Chicago, Ill. Filed May 9, 1936.

MOTOR FREIGHT And Commercial Transportation

For Periodical Publication Devoted to Matters of Interest to Motoring Public.
Claims use since Feb. 10, 1936.

Ser. No. 383,901. ROBERT W. SWAN, JR., Rockaway Beach, N. Y. Filed Oct. 2, 1936.

VOCAB-A-GRAM

For Educational Word Forming Publications for Use in Newspapers, Periodicals, and Books, and in the Form of Pads and Loose Sheets.
Claims use since Feb. 1, 1933.

Ser. No. 383,909. AUTOMOBILE CLUB OF MICHIGAN, Detroit, Mich. Filed Oct. 3, 1936.

MOTOR NEWS

For Periodical.
Claims use since June, 1936.

Ser. No. 384,178. AMERICAN ACCEPTANCE COUNCIL, New York, N. Y. Filed Oct. 8, 1936.

ACCEPTANCE BULLETIN OF THE AMERICAN ACCEPTANCE COUNCIL

For Monthly Magazine.
Claims use since February, 1919.

CLASS 39

Clothing

Ser. No. 369,822. NU-WAY SHOE COMPANY, New York, N. Y. Filed Sept. 28, 1935.

FASHION STEP

The word "Fashion" is disclaimed except as shown.
For Shoes Made of Leather, Rubber, Fabric, and Combinations thereof.
Claims use since February, 1932.

Ser. No. 376,902. HYMAN GOLDBERG, doing business as American Fur House, New York, N. Y. Filed Apr. 7, 1936.

American Seal

DYED CONEY

The words "American Seal" and "Dyed Coney" are disclaimed apart from the mark.
For Women's Fur Coats.
Claims use since May 15, 1934.

Ser. No. 378,132. H. C. COHN & Co., Rochester, N. Y. Filed May 7, 1936.

THISTLEDOWN

For Mufflers.
Claims use since April, 1931.

Ser. No. 378,219. MILLER CORSETS, INC., Canandaigua, N. Y. Filed May 8, 1936.

KOOLIES BY MILLER

For Corsets, Girdles, and Corset-Brassière Combinations.
Claims use since March, 1934.

Ser. No. 379,301. JOHNSON-STEPHENS & SHINKLE SHOE COMPANY, St. Louis, Mo. Filed June 4, 1936.

Rhythm STEP 1 2 3

The numerals 1, 2, and 3 are disclaimed aside from the other features of the mark.
For Shoes of Leather, or a Combination of Leather, Rubber or Fabric.
Claims use since May 1, 1936.

Ser. No. 382,146. JOCK SHOES LIMITED, London, England. Filed Aug. 11, 1936.

JOCK

For Boots, Shoes, Sandals, and Slippers Made of Leather, Rubber, or Fabric, or Combinations of These Materials.
Claims use since July 25, 1936.

Ser. No. 382,275. NORTHERN JOBBING COMPANY, St. Paul, Minn. Filed Aug. 17, 1936.

NORTH STAR ★

For Hosiery, Sweaters, Hoods, Fascinators, Suspenders, Jumpers; Duck Coats, Pants, and Vests; Jean Pants, Cottonade Pants; Men's and Boys' Suits, Comprising Coats, Vests, and Trousers; Overcoats, Sport Coats, Ski Pants, Snow Suits, Denim Overalls and Jackets; Work, Dress and Negligee Shirts; Men's and Boys' Underwear; Dress Gloves and Mittens Made of Leather and Fabric; Hats and Caps; Shoes, Excepting Skating Shoes, Made of Leather, Rubber, Fabric and Combinations Thereof; Women's Dresses, Underwear—Namely, Slips, Petticoats, Bloomers, Underdrawers, Corsets and Foundations, Chemises, Shorts, and Nightgowns; and Foundation Garments—Namely, Corsets, Brassières and Girdles and Combinations Thereof; Hats and Caps.
Claims use since Jan. 7, 1897.

Ser. No. 382,319. PINTO-MERWIN, INC., New York, N. Y. Filed Aug. 18, 1936.



For Men's and Women's Clothing and Outer Garments—Namely, Suits, Trousers, Vests, Overcoats, Skirts, and Jackets.
Claims use since Feb. 15, 1932.

Ser. No. 382,461. DAVE BELLSEY COMPANY, INC., New York, N. Y. Filed Aug. 22, 1936.

BELLCIANO

For Ladies' Coats, Suits, and Blouses.
Claims use since May 1, 1935.

Ser. No. 382,463. CAROLINE BROWN, New York, N. Y. Filed Aug. 22, 1936.

Tru Balance

For Ladies' Corsets, Girdles, Foundation Garments, Corselets, Shoes Made of Leather and a Combination of Leather and Fabric, and Bathing Suits.
Claims use since June 19, 1936.

Ser. No. 383,010. JOHN ENNIS, INC., Brooklyn, N. Y. Filed Sept. 8, 1936.

NATURES OWN

For Boots and Shoes of Leather.
Claims use since Mar. 14, 1936.

Ser. No. 383,038. STYLE GARMENT COMPANY, INC., Los Angeles, Calif. Filed Sept. 8, 1936.



The words "Ermin Tone" are disclaimed apart from the mark as shown. The drawing is lined for purple and gold.
For Ladies' Dresses, Cloaks, Coats, and Suits.
Claims use since May 1, 1936.

Ser. No. 383,127. GENERAL SHOE CORPORATION, Nashville, Tenn. Filed Sept. 11, 1936.



No claim is made to the word "Shoe."
For Shoes of Leather, Fabric, or Combinations Thereof.
Claims use since July 23, 1936.

Ser. No. 383,148. VASSAR COMPANY, Chicago, Ill. Filed Sept. 11, 1936.

Vassarette

For Ladies' Underwear, Bandeaus, Girdles, Foundation Garments, and Swimming Suits.
Claims use since Nov. 30, 1931, on ladies' underwear; since October, 1931, on bandeaus; since March, 1932, on girdles and foundation garments; since Feb. 1, 1936, on swimming suits.

Ser. No. 383,553. TROUTMAN SHIRT COMPANY, INC., Troutman, N. C. Filed Sept. 23, 1936.

Trout Man

For Outer Shirts.
Claims use since July 1, 1920.

Ser. No. 383,691. SOMERSET SHOE CO., Auburn, Maine. Filed Sept. 26, 1936.

BODY REST

For Shoes Made of Leather or Fabric or a Combination of Leather and Fabric.
Claims use since Aug. 1, 1936.

Ser. No. 383,804. SOLOMON FEINBERG, New York, N. Y. Filed Sept. 30, 1936.

THE GARD-O-SOX

The word "Sox" and the representation of the goods are disclaimed apart from the mark.
For Hosiery.
Claims use since Sept. 15, 1936.

Ser. No. 383,811. LEVY, BLUM & GOLDSCHMIDT CORP., New York, N. Y. Filed Sept. 30, 1936.

Chamovellé

For Ladies' and Misses' Coats and Suits.
Claims use since May 9, 1936.

Ser. No. 383,890. R. H. MACY & CO., INC., New York, N. Y. Filed Oct. 2, 1936.

NORSLAAKS

For Men's Shoes of Leather.
Claims use since Aug. 10, 1936.

Ser. No. 383,952. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Oct. 3, 1936.


Fashion Towers

For Men's Bathrobes and Lounging Robes.
Claims use since June 1, 1935.

Ser. No. 383,974. B. & B. MANUFACTURING CO., INC., Orange, N. J. Filed Oct. 5, 1936.

Flex-O-Fit

The word "Fit" is disclaimed apart from the mark shown.
For Women's and Misses' Dresses, House Dresses, Wash Frocks, Hooverettes, or Any Form of Wrap-Around Dresses.
Claims use since July 15, 1936.

Ser. No. 384,037. LOUIS KAPLAN, INCORPORATED, New York, N. Y. Filed Oct. 6, 1936.

CHESTNUT HALL

For Men's and Boys' Coats, Suits, Pants, Vests, Overcoats, and Jackets.
Claims use since Aug. 10, 1936.

Ser. No. 384,212. HOMAN SHOE CO., INC., Philadelphia, Pa. Filed Oct. 10, 1936.



The words "Arch Support" and "Style Comfort" are disclaimed apart from the mark.
For Ladies' Shoes Made of Leather and Leather and Fabric Combinations.
Claims use since Oct. 7, 1936.

Ser. No. 384,223. TEXAS HARVEST HAT COMPANY, Laredo, Tex. Filed Oct. 10, 1936.



The word "Oklahoma" is disclaimed apart from the mark shown.
For Men's and Women's Hats.
Claims use since Sept. 25, 1936.

Ser. No. 384,238. SAMUEL M. BISSINGER, doing business as S. M. Bissinger Co., New York, N. Y. Filed Oct. 12, 1936.

Lady Brilliant

For Hosiery.
Claims use since Jan. 10, 1934.

Ser. No. 384,252. GUDE'S, Los Angeles, Calif. Filed Oct. 12, 1936.

SHEERARE

For Hosiery.
Claims use since Mar. 22, 1934.

Ser. No. 384,290. CHARLES S. GELLES, Boston, Mass. Filed Oct. 13, 1936.

S

STADIUM

For Men's Neckties and Mufflers.
Claims use since Aug. 1, 1935.

Ser. No. 384,296. MITCHELL & WEBER, INC., New York, N. Y. Filed Oct. 13, 1936.

KENLEE

For Women's and Misses' Blouses.
Claims use since Sept. 1, 1936.

Ser. No. 384,378. HART, SCHAFFNER & MARX, Chicago, Ill. Filed Oct. 15, 1936.

Towertown

For Men's and Boys' Suits, Coats, Overcoats, Topcoats, Vests, Trousers, Knickerbockers, and Breeches.
Claims use since Oct. 6, 1936.

Ser. No. 384,385. S. MAKRANSKY & SONS, Philadelphia, Pa. Filed Oct. 15, 1936.

MAKS

For Dress Trousers and Slacks.
Claims use since September, 1936.

Ser. No. 384,390. PRIM-ERA HOSIERY MILLS, INC., Chester, Ill. Filed Oct. 15, 1936.

Prim-Era

For Hosiery.
Claims use since Dec. 1, 1935.

Ser. No. 384,440. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Oct. 16, 1936.

Fellowship

For Boys' Clothing—Namely, Suits, Pants, Jackets, and Overcoats.
Claims use since Sept. 21, 1936.

Ser. No. 384,500. BOTANY WORSTED MILLS, Passaic, N. J. Filed Oct. 19, 1936.



No claim is made to the representation of a necktie or neckties.
For Neckties.
Claims use since June 10, 1936.

Ser. No. 384,529. GOLDSTEIN & LEVIN, Philadelphia, Pa. Filed Oct. 19, 1936.

NANCY LOU

JUST FOR YOU

For Women's and Misses' Dresses.
Claims use since Oct. 16, 1936.

Ser. No. 384,530. DANA H. GRANT, New York, N. Y. Filed Oct. 19, 1936.

jaska

For Women's and Misses' Dresses, Coats, and Lingerie—Namely, Vests, Panties, Undershirts, Bloomers, Step-Ins, Chemises, Bed Jackets, Nightgowns, Slips, Petticoats, Kimonos, Bloomer Suits, and Pajamas.
Claims use since Jan. 1, 1936.

Ser. No. 384,536. KLASO GARMENT CO., INC., St. Louis, Mo. Filed Oct. 19, 1936.

theodore ZIOCK

For Ladies' Dresses.
Claims use since Aug. 15, 1936.

Ser. No. 384,543. S. MAKRANSKY & SONS, Philadelphia, Pa. Filed Oct. 19, 1936.

Ocean Spray

For Suits, Coats, Vests, Pants, Overcoats, and Topcoats for Men.
Claims use since August, 1936.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 381,464. THE NARROW FABRIC COMPANY, West Reading, Reading, Pa. Filed July 25, 1936.

La-ce-lastic

The word "La-ce" is disclaimed apart from the mark as shown.
For Shoulder Straps.
Claims use since July 22, 1936.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 379,584. COLUMBIA NARROW FABRIC COMPANY, Shannock, R. I. Filed June 13, 1936.

MYSTERY

For Broad and Narrow Elastic Fabrics.
Claims use since October, 1935.

Ser. No. 381,112. THE LAMPL SPORTSWEAR MANUFACTURING COMPANY, Cleveland, Ohio. Filed July 17, 1936.

SEMESTER KNITS BY Lampl

The word "Knits" is disclaimed apart from the mark as shown.
For Piece Goods of Cotton, of Wool, of Rayon, and of a Mixture of Any or All of Such Materials.
Claims use since June 1, 1936.

Ser. No. 381,113. THE LAMPL SPORTSWEAR MANUFACTURING COMPANY, Cleveland, Ohio. Filed July 17, 1936.

KREMELLA KNITS BY Lampl

The word "Knits" is disclaimed apart from the mark.
For Piece Goods of Cotton, of Wool, of Rayon, and of a Mixture of Any or All of Such Materials.
Claims use since June 1, 1936.

Ser. No. 383,254. CALEDONIA WOOLEN MILLS, Clifton Heights, Pa. Filed Sept. 15, 1936.

WOVENIN

For Cotton Piece Goods.
Claims use since Aug. 14, 1936.

Ser. No. 383,945. SALZMAN & KLINGER, INC., New York, N. Y. Filed Oct. 3, 1936.

FLEXNET

For Netting.
Claims use since Sept. 15, 1936.

Ser. No. 384,119. COLLINS AND AIKMAN CORPORATION, Philadelphia, Pa., and New York, N. Y. Filed Oct. 8, 1936.

VELVETS
CA-VEL
OF ENDURING BEAUTY

The words "Velvets of Enduring Beauty" are disclaimed apart from the mark as shown.
For Textile Fabrics Containing Wool, Cotton, Mohair, Synthetic Fibers, and/or Blends of the Same in the Piece and Cut Length.
Claims use since Aug. 14, 1936.

Ser. No. 384,347. WELLINGTON SEARS COMPANY, Boston, Mass. Filed Oct. 14, 1936.

JEANART

For Cotton Piece Goods, Particularly Jean.
Claims use since June 4, 1936.

Ser. No. 384,370. COHN-HALL-MARX CO., New York, N. Y. Filed Oct. 15, 1936.

Sharkool

For Cotton, Rayon, Acetate, and/or Silk Piece Goods.
Claims use since Sept. 23, 1936.

Ser. No. 384,842. CANNON MILLS COMPANY, Kannapolis, N. C. Filed Oct. 27, 1936.

Brigadier

For Sheets and Pillow Cases.
Claims use since Mar. 1, 1933.

CLASS 43

Thread and Yarn

Ser. No. 382,232. PATONS & BALDWINS, LIMITED, Halifax, England. Filed Aug. 15, 1936.

FUZZY-WUZZY

For Yarns of Wool, Worsted, or Hair.
Claims use since July 23, 1932.

Ser. No. 382,651. ABERFOYLE MANUFACTURING CO., Chester, Pa. Filed Aug. 28, 1936.

Everlast

For Cotton Yarn.
Claims use since July 2, 1936.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 376,486. NATIONAL MINERAL COMPANY, Chicago, Ill. Filed Mar. 27, 1936.

Rub-O-Felt

The word "Felt" is disclaimed apart from the mark as shown.
For Heat Insulating Pads Used in Permanent Waving.
Claims use since Mar. 15, 1930.

Ser. No. 382,053. EDWARD GREENE, New York, N. Y. Filed Aug. 11, 1936.

Abdolere
Military Supporter

The words "Military Supporter" are disclaimed apart from the mark as shown.
For Abdominal Belts, Reducing Belts, Reducing Corsets, and Abdominal Supporters.
Claims use since January, 1936.

Ser. No. 383,227. RUDOLPH REBOLD, New York, N. Y. Filed Sept. 14, 1936.

ANTISEPTIZED

For Dental and Surgical Dressings—Namely, Gauze, Bandages, and Absorbent Cotton.
Claims use since Sept. 9, 1936.

Ser. No. 383,731. GENERAL BANDAGES, INC., Chicago, Ill. Filed Sept. 28, 1936.

GAUZTEX

For Self-Adhering Gauze Bandages.
Claims use since Nov. 2, 1935.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 383,258. CITRUS CLUB PRUDUCTS, INC., Phoenix, Ariz. Filed Sept. 15, 1936.

Citrus Club

The word "Citrus" is disclaimed apart from the mark shown.
For Non-Alcoholic, Maltless Beverages, and Syrups for Making the Same.
Claims use since July 8, 1936.

Ser. No. 384,358. THE ZEST COMPANY, Somerville, Mass. Filed Oct. 12, 1936.

Zest

For Bottled and Canned Lime Juice.
Claims use since Aug. 1, 1935.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 366,685. PEARSON CANDY COMPANY, Minneapolis, Minn. Filed June 24, 1935.

CHOO CHOO

For Confectionery Product, Specifically a Candy Bar.
Claims use since Mar. 15, 1934.

Ser. No. 367,788. FIDALGO ISLAND PACKING COMPANY, Seattle, Wash. Filed July 29, 1935.

V

For Canned Salmon.
Claims use since June 23, 1902.

Ser. No. 367,789. FIDALGO ISLAND PACKING COMPANY, Seattle, Wash. Filed July 29, 1935.

V

For Canned Salmon.
Claims use since June 23, 1902.

Ser. No. 372,842. KRAJOWA FABRYKA KONSERW "KAEFKA" SPOLKA, Warsaw, Poland. Filed Dec. 19, 1935.

KRAJ. FABR. KONS. "KAEFKA"
KFk

For Sprats.
Claims use since January, 1929.

Ser. No. 378,443. AXEL OLIVER LJUNGQVIST, Fornasa, Sweden. Filed May 14, 1936.

FYLKE

For Cereal Products—Namely, Corn Flakes, Rice Flakes, and Flour and Grains of Corn, Wheat, Rye, Oats, and Rice Packaged and in Bulk.
Claims use since January, 1935.

Ser. No. 380,411. THE SHEAR COFFEE COMPANY OF TEXAS, Waco, Tex. Filed June 29, 1936.

1869

For Coffee, Tea.
Claims use since 1916.

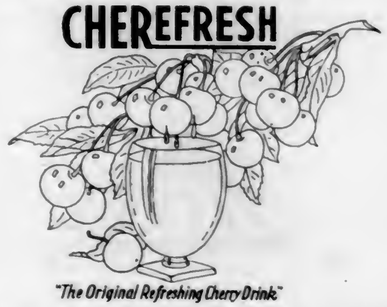
Ser. No. 380,824. VICTOR M. CALDERON COMPANY, INC., New York, N. Y. Filed July 9, 1936.



The word "Brand" is disclaimed apart from the mark shown.
For Canned Sardines.
Claims use since Mar. 10, 1936.

Ser. No. 381,220. THE REYNOLDS PRESERVING COMPANY, Sturgeon Bay, Wis. Filed July 20, 1936.

CHEREFRESH



"The Original Refreshing Cherry Drink"

The words "The Original Refreshing Cherry Drink" are disclaimed apart from the mark.
For Canned Cherry Juice for Food Purposes.
Claims use since July 29, 1935.

Ser. No. 381,744. ALBERT ANGELL, doing business as Glenayre Feeds, Burlington, Wis. Filed Aug. 3, 1936.

SPUNK



Dog Ration

No claim is made to the words "Dog Ration".
For Dog Foods.
Claims use since Oct. 1, 1934.

Ser. No. 382,246. JOHN THALLON & CO. INC., New York, N. Y. Filed Aug. 15, 1936.

Poelsco

For Canned Hams.
Claims use since Jan. 10, 1935.

Ser. No. 382,388. MITSUBISHI SHOJI KAISHA, LTD., Marunouchi, Tokyo, Japan, New York, N. Y., San Francisco, Calif., and Seattle, Wash. Filed Aug. 20, 1936.

SAMPAN

For Canned Fish, Fruits, and Vegetables of all Kinds.
Claims use since 1928.

Ser. No. 382,595. ILLINOIS MEAT COMPANY, doing business as Sterling Packing Co., Chicago, Ill. Filed Aug. 26, 1936.

BRUTUS

For Canned Food for Dogs, Cats, and Other Carnivorous Animals.
Claims use since May 1, 1936.

Ser. No. 382,822. PERRY A. CLARK, doing business as Imperial Food Products, Los Angeles, Calif. Filed Sept. 2, 1936.

ADD-IT

For Preparation of Spices, Mineral Salts, Vegetable Salts, Herbs, and Dehydrated Vegetables in Powder Form for Seasoning Foods.
Claims use since Aug. 27, 1936.

Ser. No. 383,055. THE FARMVIEW STORES COMPANY, Cleveland, Ohio. Filed Sept. 9, 1936.



For Eggs.
Claims use since December, 1935.

Ser. No. 383,702. EDWARD H. JACOB, Jr., West Chester, Pa. Filed Sept. 25, 1936.

FLAVOR GLOW

For Cooking and Table Sauce.
Claims use since May 27, 1936.

Ser. No. 383,948. SANTA PAULA ORANGE ASSN., Santa Paula, Calif. Filed Oct. 3, 1936.

OUT-O-SIGHT

For Fresh Citrus Fruits.
Claims use since Sept. 21, 1936.

Ser. No. 383,958. SOLOMON BROS., New York, N. Y. Filed Oct. 3, 1936.

BLUE TOPS



The drawing is lined for blue.
For Dressed Poultry.
Claims use since Sept. 15, 1935.

Ser. No. 383,959. SOLOMON BROS., New York, N. Y. Filed Oct. 3, 1936.

RED TOPS



The drawing is lined for red.
For Dressed Poultry.
Claims use since Sept. 15, 1935.

Ser. No. 384,046. NATIONAL FOOD PRODUCTS CO., New Orleans, La. Filed Oct. 6, 1936.



The word "Macaroni" is disclaimed apart from the mark.
For Alimentary Paste.
Claims use since January, 1915.

Ser. No. 384,101. THE WM. SCHLUDERBERG-T. J. KURDLE CO., Baltimore, Md. Filed Oct. 7, 1936.

BAL-MAR

For Dog Food.
Claims use since Apr. 3, 1935.

CLASS 47

Wines

Ser. No. 380,399. HENKELL & CO., Wiesbaden-Biebrich, Germany. Filed June 29, 1936. Under 10-year proviso.

„Henkell"

For Sparkling Wines.
Claims use since 1832.

Ser. No. 380,400. HENKELL & CO., Wiesbaden-Biebrich, Germany. Filed June 29, 1936.

„Henkell Piccolo"

For Sparkling Wines.
Claims use since Oct. 1, 1935.

Ser. No. 382,892. H. SICHEL & SONS LIMITED, Adelphi, London, England. Filed Sept. 3, 1936.

BLUE NUN

For Wines.
Claims use since Feb. 13, 1936.

CLASS 48

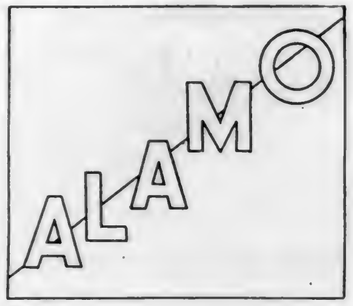
Malt Beverages and Liquors

Ser. No. 377,922. FLINT HILL BREWING COMPANY, Flint, Mich. Filed May 2, 1936.

Viking

For Beer.
Claims use since Jan. 1, 1934.

Ser. No. 383,036. SOUTHERN BREWING COMPANY, INC., Houston, Tex. Filed Sept. 8, 1936.



For Beer.
Claims use since Sept. 1, 1936.

Ser. No. 383,196. THE F. & M. SCHAEFER BREWING CO., Brooklyn, N. Y. Filed Sept. 11, 1936.

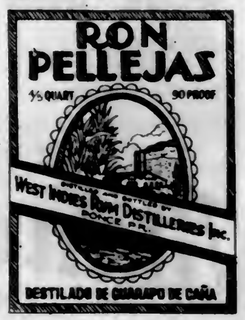


Trade-mark consists of four circumferentially arranged highly polished silver colored bands. No claim is made to the representation of a can.
For Beer.
Claims use since Aug. 27, 1936.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 379,926. WEST INDIES RUM DISTILLERIES INC., Ponce and Playa Ponce, P. R. Filed June 16, 1936.



No claim is made to any notations except "Pellejas" and applicant's name.
For Rum.
Claims use since Dec. 1, 1935.

Ser. No. 382,141. LINDSAY BRUCE FOSTER, Chicago, Ill. Filed Aug. 13, 1936.



The word "Kaymagni" and the characters thereabove mean "the way to restfulness". No claim is made to the words "Coffee Liqueur" and "Product of Mexico" apart from the mark shown.
For Coffee Liqueur.
Claims use since Nov. 27, 1935.

Ser. No. 383,479. T. J. PENDERGAST WHOLESALE LIQUOR CO., INC., Kansas City, Mo. Filed Sept. 21, 1936.



For Whiskey, Gin, Rum, Brandy, and Alcoholic Cordials.
Claims use since May 14, 1912.

Ser. No. 384,225. WHITE, KEELING (RUM) LIMITED, London, England. Filed Oct. 10, 1936.



The words "Rum" and "London" are disclaimed apart from the mark.
For Rum.
Claims use since Dec. 20, 1876.

Ser. No. 384,379. KRAUS BROS. & CO. INC., New York, N. Y. Filed Oct. 15, 1936.



The word "Club" is disclaimed apart from the mark as shown.
For Whiskey.
Claims use since Jan. 2, 1911.

Ser. No. 384,434. PACIFIC DISTILLERS, INC., Culver City, Calif. Filed Oct. 16, 1936.

SHASTA CLUB

The word "Club" apart from the mark as shown is disclaimed.
For Gin.
Claims use since Sept. 22, 1936.

Ser. No. 384,782. GEORGE BENZ SONS, INC., St. Paul, Minn. Filed Oct. 26, 1936.

HIAWATHA

For Whiskey.
Claims use since 1894.

Ser. No. 384,869. SCHENLEY DISTRIBUTORS, INC., New York, N. Y. Filed Oct. 27, 1936.

A A

For Whiskey, Gin, Rum, Brandy, and Alcoholic Cordials.
Claims use since Mar. 27, 1936.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

DECEMBER 8, 1936

341,323. ARTISTS' MATERIALS—NAMELY, READY-MIXED PAINTS, IN PASTE, SEMI-LIQUID, LIQUID, AND DRY FORM; FABRIC PAINTS; ETC. RICH ART COLOR COMPANY, INC., New York, N. Y.
Filed August 4, 1934. Serial No. 354,661. PUBLISHED SEPTEMBER 29, 1936. Class 16.

341,324. LIQUID AND READY-MIXED PAINT FOR FLOORS, WALL, AND TRIM, AND FOR ALL SIMILAR MATERIALS. SIDNEY PRITCHARD, doing business as Modern Process Flooring Company, Union City, N. J.
Filed September 20, 1934. Serial No. 356,232. PUBLISHED SEPTEMBER 29, 1936. Class 16.

341,325. ELECTRICALLY AUTOMATIC FIRE DETECTING, SIGNALING, AND DIRECTING SYSTEMS. GARRISON ENGINEERING CORPORATION, New York, N. Y.
Filed November 9, 1934. Serial No. 358,051. PUBLISHED SEPTEMBER 29, 1936. Class 21.

341,326. BRAKE LINING SETS COMPOSED OF ASBESTOS WITH RUBBER SYNTHETIC RESINS, IN COMBINATION WITH GRAPHITE, BAYLES, ZINC OXIDE, ETC. ASBESTOS MANUFACTURING COMPANY, Huntington, Ind.
Filed April 9, 1935. Serial No. 363,545. PUBLISHED SEPTEMBER 29, 1936. Class 35.

341,327. TOOLS FOR CUTTING METALS AND/OR NON-METALS—NAMELY, MILLING CUTTERS, HOLLOW MILLS, END MILLS, HOBS, BORING TOOLS, DRILLS, ETC. THOMAS PROSSER & SON, New York, N. Y.
Filed May 23, 1935. Serial No. 365,316. PUBLISHED SEPTEMBER 29, 1936. Class 23.

341,328. TOOLS FOR CUTTING METALS AND/OR NON-METALS—NAMELY, MILLING CUTTERS, HOLLOW MILLS, END MILLS, HOBS, BORING TOOLS, DRILLS, ETC. THOMAS PROSSER & SON, New York, N. Y.
Filed May 23, 1935. Serial No. 365,317. PUBLISHED SEPTEMBER 29, 1936. Class 23.

341,329. BEDSPRINGS. BURTON-DIXIE CORPORATION, Chicago, Ill.
Filed June 10, 1935. Serial No. 365,983. PUBLISHED OCTOBER 1, 1935. Class 32.

341,330. WHISKY. GEORGE BALLANTINE & SON, LIMITED, Glasgow, Scotland.
Filed June 24, 1935. Serial No. 366,547. PUBLISHED OCTOBER 1, 1935. Class 49.

341,331. BISCUITS, BREAD, CRACKERS, CRACKER FLAKES, WAFERS, SNAPS, CAKES INCLUDING ANIMAL CAKES AND CRACKERS, A COMBINATION OF CAKES AND MARSHMALLOW AND CAKES WITH VARIOUS JAMS AND COATINGS. MOUNTAIN CITY MILL CO., doing business as Chattanooga Bakery, Chattanooga, Tenn.
Filed June 24, 1935. Serial No. 366,574. PUBLISHED SEPTEMBER 29, 1936. Class 46.

341,332. CORNETS WITH REGISTERS, BUGLES, MUSICAL TRUMPETS, BARITONE VIOLINS, ALTO VIOLINS, TENOR VIOLINS, BASS VIOLINS, ETC. SOCIÉTÉ ANONYME COUESNON, Paris, France.
Filed July 1, 1935. Serial No. 366,882. PUBLISHED SEPTEMBER 29, 1936. Class 36.

341,333. HAND OPERATED TOOLS—NAMELY, AXES, CULTIVATORS, CUTTERS, LETTUCE CUTTERS, THISTLE, DOCK, AND WEED CUTTERS, ETC. THE UNION FORK & HOE COMPANY, Columbus, Ohio.
Filed July 24, 1935. Serial No. 367,636. PUBLISHED SEPTEMBER 29, 1936. CLASS 23.

341,334. HAND OPERATED TOOLS—NAMELY, AXES, CULTIVATORS, CUTTERS, LETTUCE CUTTERS, THISTLE, DOCK, AND WEED CUTTERS, ETC. THE UNION FORK & HOE COMPANY, Columbus, Ohio.
Filed July 24, 1935. Serial No. 367,639. PUBLISHED SEPTEMBER 29, 1936. CLASS 23.

341,335. HAND OPERATED TOOLS—NAMELY, AXES, CULTIVATORS, CUTTERS, LETTUCE CUTTERS, THISTLE, DOCK, AND WEED CUTTERS, ETC. THE UNION FORK & HOE COMPANY, Columbus, Ohio.
Filed July 24, 1935. Serial No. 367,640. PUBLISHED SEPTEMBER 29, 1936. CLASS 23.

341,336. HAND OPERATED TOOLS—NAMELY, AXES, CULTIVATORS, CUTTERS, LETTUCE CUTTERS, THISTLE, DOCK, AND WEED CUTTERS, ETC. THE UNION FORK & HOE COMPANY, Columbus, Ohio.
Filed July 24, 1935. Serial No. 367,643. PUBLISHED SEPTEMBER 29, 1936. CLASS 23.

341,337. HAND OPERATED TOOLS—NAMELY, AXES, CULTIVATORS, CUTTERS, LETTUCE CUTTERS, THISTLE, DOCK, AND WEED CUTTERS, ETC. THE UNION FORK & HOE COMPANY, Columbus, Ohio.
Filed July 24, 1935. Serial No. 367,644. PUBLISHED SEPTEMBER 29, 1936. CLASS 23.

341,338. VAGINAL POWDER. SUPERIOR LABORATORIES, INC., Cleveland, Ohio.
Filed July 25, 1935. Serial No. 367,702. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,339. HAND OPERATED TOOLS—NAMELY, AXES, CULTIVATORS, CUTTERS, LETTUCE CUTTERS, THISTLE, DOCK, AND WEED CUTTERS, ETC. THE UNION FORK & HOE COMPANY, Columbus, Ohio.
Filed July 26, 1935. Serial No. 367,744. PUBLISHED SEPTEMBER 29, 1936. CLASS 23.

341,340. HAND OPERATED TOOLS—NAMELY, AXES, CULTIVATORS, CUTTERS, LETTUCE CUTTERS, THISTLE, DOCK, AND WEED CUTTERS, ETC. THE UNION FORK & HOE COMPANY, Columbus, Ohio.
Filed July 26, 1935. Serial No. 367,746. PUBLISHED SEPTEMBER 29, 1936. CLASS 23.

341,341. MEDICATED AMPUL CONTAINING A COMBINATION OF STERILE SOLUTIONS OF POSTERIOR PITUITARY LOBE AND THYMUS GLAND ADMINISTERED HYPODERMICALLY FOR USE AS A UTERINE STIMULANT DURING LABOR. MCNEIL LABORATORIES, INC., Philadelphia, Pa.
Filed August 2, 1935. Serial No. 367,935. PUBLISHED DECEMBER 17, 1935. Class 6.

341,342. HAND OPERATED TOOLS—NAMELY, AXES, CUTTERS, WEED CUTTERS, D-HANDLES FOR TOOLS, DRAGS, MANURE DRAGS, ETC. THE UNION FORK & HOE COMPANY, Columbus, Ohio.
Filed August 5, 1935. Serial No. 368,013. PUBLISHED SEPTEMBER 29, 1936. Class 23.

341,343. FRESH DECIDUOUS FRUITS—NAMELY, PEACHES, APPLES, AND FRESH VEGETABLES. TREAT ORCHARD CO., Esom Hill, Ga.
Filed August 13, 1935. Serial No. 368,275. PUBLISHED JUNE 16, 1936. Class 46.

341,344. RUM. C. H. GRAVES AND SONS COMPANY, Boston, Mass.
Filed August 17, 1935. Serial No. 368,406. PUBLISHED SEPTEMBER 29, 1936. Class 49.

341,345. HAND OPERATED TOOLS—NAMELY, AXES, LETTUCE CUTTERS, THISTLE, DOCK, AND WEED CUTTERS, ETC. THE UNION FORK & HOE COMPANY, Columbus, Ohio.
Filed August 26, 1935. Serial No. 368,718. PUBLISHED SEPTEMBER 29, 1936. Class 23.

341,346. TRAP PLUGS K & S SPECIALTY COMPANY, Philadelphia, Pa.
Filed September 11, 1935. Serial No. 369,193. PUBLISHED SEPTEMBER 29, 1936. Class 13.

341,347. ASPHALT. STANDARD OIL COMPANY OF NEW JERSEY, Wilmington, Del.
Filed September 25, 1935. Serial No. 369,719. PUBLISHED SEPTEMBER 15, 1936. Class 12.

341,348. ASTRINGENTS, ASTRINGENT CERATES, BLEACH CREAMS, BEAUTY CREAMS, COLD CREAMS, CLEANSING CREAMS, OBESITY CREAMS, ETC. PRINCE MATCHABELLI PERFUMERY, INC., New York, N. Y.
Filed October 24, 1935. Serial No. 370,774. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,349. FUSE SWITCHES. JAMES R. KEARNEY CORPORATION, St. Louis, Mo.
Filed November 4, 1935. Serial No. 371,164. PUBLISHED SEPTEMBER 29, 1936. Class 21.

341,350. RAZOR BLADES. JOSEPH LESS, doing business as Department Sales Company, New York, N. Y., assignor to Chase Brass & Copper Co. Incorporated, a corporation of Connecticut.
Filed December 6, 1935. Serial No. 372,325. PUBLISHED JANUARY 28, 1936. Class 23.

341,351. MEDICINE FOR THE RELIEF OF CONSTIPATION, NERVOUS AND SICK HEADACHE, INDIGESTION, BILIOUSNESS, DYSPEPSIA, AND RHEUMATISM. CHAS. J. MEZERA, doing business as Patria Trading Company, Cleveland, Ohio
Filed December 13, 1935. Serial No. 372,606. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,352. MOLDED PRODUCTS CONTAINING ASBESTOS—NAMELY, BRAKE LININGS AND CLUTCH FACING. THE BONDALL COMPANY, St. Louis, Mo.
Filed December 23, 1935. Serial No. 372,954. PUBLISHED SEPTEMBER 29, 1936. Class 35.

341,353. SKI OR SNOW SUITS, SWEATERS, AND CLOAKS MADE OF KNITTED WOOLEN FABRIC FOR MEN, WOMEN, AND CHILDREN. BRADLEY KNITTING COMPANY, Delavan, Wis.
Filed January 11, 1936. Serial No. 373,557. PUBLISHED SEPTEMBER 29, 1936. Class 39.

341,354. AGITATORS FOR LAUNDRY WASHING MACHINES. EASY WASHING MACHINE CORPORATION, Syracuse, N. Y.
Filed February 12, 1936. Serial No. 374,746. PUBLISHED MARCH 24, 1936. Class 24.

341,355. PAPER WINDOW SHADES. S. H. KRESS AND COMPANY, New York, N. Y.
Filed February 18, 1936. Serial No. 374,973. PUBLISHED APRIL 28, 1936. Class 32.

341,356. FRESH VEGETABLES. COASTAL PRODUCE ASSOCIATION, Charleston, S. C.
Filed February 24, 1936. Serial No. 375,125. PUBLISHED SEPTEMBER 29, 1936. Class 46.

341,357. CHEESE FOOD COMPOUND COMPOSED OF AMERICAN CHEESE PASTEURIZED WITH BUTTER, SKIM MILK POWDER, WITH MINERAL AND ORGANIC SALTS. F. X. BAUMERT & CO., INC., New York, N. Y.
Filed February 25, 1936. Serial No. 375,197. PUBLISHED SEPTEMBER 29, 1936. Class 46.

341,358. LADIES' READY TO WEAR COATS AND SUITS. LOU TISHMAN CO. INC., New York, N. Y.
Filed February 29, 1936. Serial No. 375,411. PUBLISHED SEPTEMBER 29, 1936. Class 39.

341,359. FRESH VEGETABLES. ROSE VALLEY PRODUCE CO., INC., Milpitas, Calif.
Filed March 17, 1936. Serial No. 376,103. PUBLISHED SEPTEMBER 29, 1936. Class 46.

341,360. BABY CARRIAGES. F. A. WHITNEY CARRIAGE CO., Leominster, Mass.
Filed March 17, 1936. Serial No. 376,110. PUBLISHED SEPTEMBER 29, 1936. Class 19.

341,361. FOOD PREPARATION IN POWDERED FORM TO BE ADDED TO MILK FOR MAKING A FOOD BEVERAGE. MOLLIE LEAR, Brooklyn, N. Y.
Filed March 19, 1936. Serial No. 376,173. PUBLISHED SEPTEMBER 29, 1936. Class 46.

341,362. CANNED GRAPEFRUIT, GRAPEFRUIT JUICE FOR FOOD PURPOSES, BARTLETT PEARS, PEELED APRICOTS, CHERRIES, KADOTA FIGS, GRAPES, AND APRICOTS. SHIELD FOODS, INC., Buffalo, N. Y.
Filed March 25, 1936. Serial No. 376,412. PUBLISHED SEPTEMBER 29, 1936. Class 46.

341,363. CLEANSING TISSUES. NATIONAL CELLULOSE CORPORATION, New York, N. Y.
Filed April 1, 1936. Serial No. 376,687. PUBLISHED SEPTEMBER 29, 1936. Class 37.

341,364. BICYCLES AND PARTS AND ACCESSORIES FOR BICYCLES—NAMELY, FORKS, PEDALS, HANDLE BARS, SADDLES, CRANKS, HUBS, FRAMES, SPOKES, AND RIMS. SPIEGEL BROS. CORPORATION, New York, N. Y.
Filed April 8, 1936. Serial No. 376,962. PUBLISHED SEPTEMBER 29, 1936. Class 19.

341,365. EMULSIFYING AGENTS USEFUL FOR EMULSIFYING OILS, FATS, WAXES, AND OTHER WATER IMMISCIBLE MATERIALS AND ALSO USEFUL IN THE LEATHER INDUSTRY, IN THE TREATMENT OF TEXTILES, AND IN THE FOOD INDUSTRIES. WALLERSTEIN COMPANY, INC., New York, N. Y.
Filed April 8, 1936. Serial No. 376,970. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,366. PURE RYE WHISKEY. LIBERTY DISTILLERIES, INC., Dundalk, Md.
Filed April 10, 1936. Serial No. 377,052. PUBLISHED MAY 19, 1936. Class 49.

341,367. CHEMICAL INDICATORS. E. R. SQUIBB & SONS, New York, N. Y.
Filed April 10, 1936. Serial No. 377,068. PUBLISHED SEPTEMBER 15, 1936. Class 6.

341,368. LIQUID HOREHOUND BALSAM FOR THE TREATMENT OF COUGHS, COLDS, BRONCHIAL IRRITATIONS, AND SIMILAR AILMENTS. ROY J. TROUTMAN, doing business as G. E. Laboratories, Shamokin, Pa.
Filed April 11, 1936. Serial No. 377,133. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,369. SAWS, HATCHETS, HAMMERS, PLANES, AXES, WELL PUMPS, SHOVELS, SPADES, AND HOES. LINKWAY STORES COMPANY, Little Rock, Ark.
Filed April 23, 1936. Serial No. 377,551. PUBLISHED SEPTEMBER 29, 1936. Class 23.

341,370. FACE POWDER, FACE CREAMS, ROUGE, LIPSTICK, BEAUTY LOTIONS, TOILET POWDER, HAIR TONICS, HAIR SHAMPOO, HAIR DRESSING, FINGER NAIL BEAUTIFIERS, DEODORANTS, DEPILATORIES, PERFUMES, MOUTH WASH, SHAVING LOTIONS, AND BATH OIL. BONIFACIAL, INC., Bogalusa, La.
Filed April 22, 1936. Serial No. 377,617. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,371. MEDICATED OINTMENTS FOR THE RELIEF OF SUNBURN AND OTHER SKIN IRRITATION. WESLEY GEORGE SIEGMAN, doing business as Thoro-Peutic Chemical Co., Miami, Fla.
Filed May 5, 1936. Serial No. 378,060. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,372. AUTOMOBILES. L. G. MOTORS (STAINES) LIMITED, Staines, England.
Filed May 6, 1936. Serial No. 378,107. PUBLISHED SEPTEMBER 29, 1936. Class 19.

341,373. PEARL BEAD NECKLACES. BLOOMINGDALE BROS., INC., New York, N. Y.
Filed May 8, 1936. Serial No. 378,177. PUBLISHED SEPTEMBER 8, 1936. Class 28.

341,374. SLIDE FASTENERS. COLUMBIA PLUSH & PUFF CO., INC., Brooklyn, N. Y.
Filed May 19, 1936. Serial No. 378,612. PUBLISHED SEPTEMBER 29, 1936. Class 13.

341,375. BACTERIA-ELIMINATING COMPOUND. THE FLORACUBE CO., Los Angeles, Calif.
Filed May 20, 1936. Serial No. 378,652. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,376. VEGETABLE SOUP POWDER. WILLIAM H. SWEETLAND, doing business as Vego-Phyll Products Co., San Diego, Calif.
Filed May 20, 1936. Serial No. 378,680. PUBLISHED SEPTEMBER 29, 1936. Class 46.

341,377. ELECTRIC INSULATING COMPOSITIONS MADE PRINCIPALLY OF MICA. NORMAN MILLER, doing business as The Micilac Company, Newcastle-upon-Tyne, England.
Filed May 25, 1936. Serial No. 378,847. PUBLISHED SEPTEMBER 29, 1936. Class 21.

341,378. BEER. REICHELBRÄU AKTIEN-GESELLSCHAFT, Kulmbach, Germany.
Filed May 26, 1936. Serial No. 378,903; PUBLISHED SEPTEMBER 29, 1936. Class 48.

341,379. COAL. OLD BEN COAL CORPORATION, Chicago, Ill.
Filed May 27, 1936. Serial No. 378,947. PUBLISHED SEPTEMBER 29, 1936. Class 1.

341,380. MOLDINGS OF PLASTIC COMPOSITION MATERIAL. ERIE RESISTOR CORPORATION, Erie, Pa.
Filed May 28, 1936. Serial No. 378,986. PUBLISHED SEPTEMBER 29, 1936. Class 1.

341,381. AIRPLANES. THE GLENN L. MARTIN COMPANY, Baltimore and Middle River, Md.
Filed May 28, 1936. Serial No. 379,005. PUBLISHED SEPTEMBER 29, 1936. Class 19.

341,382. CIGAR AND CIGARETTE CATALYTIC LIGHTERS AND PARTS THEREOF. PROGRESS CORPORATION, New York, N. Y.
Filed May 28, 1936. Serial No. 379,011. PUBLISHED SEPTEMBER 29, 1936. Class 34.

341,383. SOAP. LUCIEN LELONG, INC., Chicago, Ill.
Filed June 3, 1936. Serial No. 379,248. PUBLISHED SEPTEMBER 29, 1936. Class 4.

341,384. REGULATING AND CONTROL APPARATUS FOR AUTOMATICALLY CONTROLLING AN OPERATION RESPONSIVELY TO THE FLUCTUATIONS OF ONE OR MORE VARIABLE CONDITIONS. BAILEY METER COMPANY, Cleveland, Ohio.
Filed June 4, 1936. Serial No. 379,286. PUBLISHED SEPTEMBER 29, 1936. Class 26.

341,385. PERFUMERY. WAVERLY LABORATORIES, INC., New York, N. Y.
Filed June 5, 1936. Serial No. 379,368. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,386. CENTRIFUGAL EXTRACTORS, SAID EXTRACTORS BEING SEPARATE LAUNDRY DEVICES FOR EFFECTING THE REMOVAL OF LIQUIDS FROM FABRICS AND THE LIKE. THE AMERICAN LAUNDRY MACHINERY COMPANY, Norwood Station, Ohio.
Filed June 8, 1936. Serial No. 379,409. PUBLISHED SEPTEMBER 29, 1936. Class 24.

341,387. MEDICAL PREPARATION CONSISTING OF A LOTION INTENDED FOR APPLICATION TO THE SKIN OR ANY BRUISED OR INJURED PART OF THE BODY, FOR HEALING OR CLEANSING THE SAME. BENSOL CHEMICAL CO., Brooklyn, N. Y.
Filed June 8, 1936. Serial No. 379,417. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,388. GRATING, AND PARTICULARLY STEEL FLOORING. SUPERIOR MANUFACTURING CO., Los Angeles, Calif., assignor to Superior Steel Products Corporation, Ltd., a corporation of California.
Filed June 8, 1936. Serial No. 379,451. PUBLISHED SEPTEMBER 15, 1936. Class 12.

341,389. PACKAGED ICE CREAM. THE SMACK CORPORATION, New York, N. Y.
Filed June 9, 1936. Serial No. 379,486. PUBLISHED SEPTEMBER 29, 1936. Class 46.

341,390. VEHICLE BODIES AND ENDGATES. HANS A. NELSON, Exira, Iowa.
Filed June 11, 1936. Serial No. 379,562. PUBLISHED SEPTEMBER 29, 1936. Class 19.

341,391. CIGARS. UNITED CIGAR STORES DELAWARE CORPORATION, New York, N. Y.
Filed June 12, 1936. Serial No. 379,653. PUBLISHED SEPTEMBER 29, 1936. Class 17.

341,392. PREPARATION IN POWDERED FORM FOR THE REMOVAL OF SPOTS, STAINS AND UNWANTED COLORS FROM CLOTHING AND FABRICS OF ALL KINDS. PATEK & CO., San Francisco, Calif.
Filed June 15, 1936. Serial No. 379,750. PUBLISHED SEPTEMBER 29, 1936. Class 4.

341,393. COMBINATION APPARATUS FOR SYNCHRONOUS RECORDING AND REPRODUCTION OF SOUND AND LIGHT EFFECTS KNOWN AS SOUND-MOVIES, AND SENSITIZED FILMS AND PARTS THEREOF. CINAUDAGRAPH CORPORATION, Stamford, Conn.
Filed June 16, 1936. Serial No. 379,786. PUBLISHED SEPTEMBER 29, 1936. Class 26.

341,394. RUBBER HOSE. ELECTRIC HOSE AND RUBBER COMPANY, Wilmington, Del.
Filed June 19, 1936. Serial No. 379,949. PUBLISHED SEPTEMBER 29, 1936. Class 35.

341,395. RUBBER HOSE. ELECTRIC HOSE AND RUBBER COMPANY, Wilmington, Del.
Filed June 19, 1936. Serial No. 379,950. PUBLISHED SEPTEMBER 29, 1936. Class 35.

341,396. RUBBER HOSE. ELECTRIC HOSE AND RUBBER COMPANY, Wilmington, Del.
Filed June 19, 1936. Serial No. 379,951. PUBLISHED SEPTEMBER 29, 1936. Class 35.

341,397. INSECTICIDES. S. S. STAFFORD, INC., New York, N. Y.
Filed June 22, 1936. Serial No. 380,086. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,398. SMOKING TOBACCO, CHEWING TOBACCO, AND PLUG TOBACCO. UNITED CIGAR STORES DELAWARE CORPORATION, New York, N. Y.
Filed June 23, 1936. Serial No. 380,130. PUBLISHED SEPTEMBER 29, 1936. Class 17.

341,399. SMOKING TOBACCO, CHEWING TOBACCO, AND PLUG TOBACCO. UNITED CIGAR STORES DELAWARE CORPORATION, New York, N. Y.
Filed June 23, 1936. Serial No. 380,131. PUBLISHED SEPTEMBER 29, 1935. Class 17.

341,400. CIGARS. UNITED CIGAR STORES DELAWARE CORPORATION, New York, N. Y.
Filed June 25, 1936. Serial No. 380,243. PUBLISHED SEPTEMBER 29, 1936. Class 17.

341,401. FINISHED LEATHERS. ALLIED KID COMPANY, Boston, Mass.
Filed June 26, 1936. Serial No. 380,254. PUBLISHED SEPTEMBER 29, 1936. Class 1.

341,402. CRAVATS, FOUR-IN-HAND TIES, BOW TIES, ASCOT TIES, REEFERS, NECKERCHIEFS, SCARFS, AND MUFFLERS. FOLLMER, CLOGG & CO., INC., Lancaster, Pa., and New York, N. Y.
Filed June 26, 1936. Serial No. 380,271. PUBLISHED SEPTEMBER 29, 1936. Class 39.

341,403. FUR PELTS. T. S. MARTIN CO., Sioux City, Iowa.
Filed June 26, 1936. Serial No. 380,291. PUBLISHED SEPTEMBER 29, 1936. Class 1.

341,404. VEGETABLE OIL FOR EDIBLE PRODUCTS. HAUG & CO. INC., Brooklyn, N. Y.
Filed June 29, 1936. Serial No. 380,397. PUBLISHED SEPTEMBER 29, 1936. Class 46.

341,405. COLLARS, NEGLIGEE AND DRESS SHIRTS, AND PAJAMAS FOR MEN. ENRO SHIRT CO., INC., Louisville, Ky.
Filed June 30, 1936. Serial No. 380,445. PUBLISHED SEPTEMBER 29, 1936. Class 39.

341,406. SEWING MACHINE SHUTTLE BODIES. THE SINGER MANUFACTURING COMPANY, Elizabeth, N. J., and New York, N. Y.
Filed June 30, 1936. Serial No. 380,464. PUBLISHED SEPTEMBER 29, 1936. Class 23.

341,407. INSECTICIDES AND PREPARATIONS FOR CONTROL OF PLANT PESTS. GENERAL CHEMICAL COMPANY, New York, N. Y.
Filed July 1, 1936. Serial No. 380,476. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,408. BREAD, CAKES, DOUGHNUTS, AND PASTRIES. GEORGE A. MACKAY, doing business as Great Hill Bakery, Exeter, N. H.
Filed July 1, 1936. Serial No. 380,479. PUBLISHED SEPTEMBER 29, 1936. Class 46.

341,409. AUTOMOBILE TOP DRESSING. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio.
Filed July 2, 1936. Serial No. 380,511. PUBLISHED SEPTEMBER 29, 1936. Class 4.

341,410. LADIES' AND MISSES' DRESSES AND BLOUSES. COHEN BROS. CORP., doing business as Smartsport, New York, N. Y.
Filed July 3, 1936. Serial No. 380,551. PUBLISHED SEPTEMBER 29, 1936. Class 39.

341,411. RADIO RECEIVING SETS AND PARTS THEREOF. HALE BROS. STORES, INC., San Francisco, Calif.
Filed July 3, 1936. Serial No. 380,568. PUBLISHED SEPTEMBER 29, 1936. Class 21.

341,412. HOSIERY. J. W. LANDENBERGER & CO., Philadelphia, Pa.
Filed July 3, 1936. Serial No. 380,574. PUBLISHED SEPTEMBER 29, 1936. Class 39.

341,413. YARN. J. W. LANDENBERGER & CO., Philadelphia, Pa.
Filed July 3, 1936. Serial No. 380,577. PUBLISHED SEPTEMBER 29, 1936. Class 43.

341,414. TRAILERS. MULLINS MANUFACTURING CORPORATION, Salem, Ohio.
Filed July 3, 1936. Serial No. 380,581. PUBLISHED SEPTEMBER 29, 1936. Class 19.

341,415. COAL. NEW RIVER COAL COMPANY, Charleston, W. Va.
Filed July 3, 1936. Serial No. 380,584. PUBLISHED SEPTEMBER 29, 1936. Class 1.

341,416. CIGARS, CIGARETTES, LITTLE CIGARS, CHEWING TOBACCO, AND SMOKING TOBACCO. PHILIPPINE TOBACCO CO., INC., Manila, P. I., and New York, N. Y.
Filed July 3, 1936. Serial No. 380,586. PUBLISHED SEPTEMBER 29, 1936. Class 17.

341,417. RESIDUAL PETROLEUM, VIZ., ASPHALT. THE TEXAS COMPANY, New York, N. Y.
Filed July 3, 1936. Serial No. 380,599. PUBLISHED SEPTEMBER 15, 1936. Class 12.

341,418. ANTISEPTIC OIL FOR THE TREATMENT OF SUPERFICIAL CUTS, BURNS, SUNBURN, INSECT BITES, RASHES, MYCOTIC, FUNGUS, AND BACTERIAL SKIN INFECTIONS. FRED R. WALLICH, doing business as Wallich Laboratories, Los Angeles, Calif.
Filed July 6, 1936. Serial No. 380,683. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,419. OIL WELL DRILLING MUDS, SUSPENSIONS AND EMULSIONS. CROSS ENGINEERING COMPANY, Kansas City, Mo.
Filed July 3, 1936. Serial No. 380,688. PUBLISHED SEPTEMBER 29, 1936. Class 1.

341,420. LEATHER. AMALGAMATED LEATHER COMPANIES, INC., Wilmington, Del.
Filed July 7, 1936. Serial No. 380,691. PUBLISHED SEPTEMBER 29, 1936. Class 1.

341,421. HOSIERY. THOMAS A. LEE, New York, N. Y.
Filed July 8, 1936. Serial No. 380,776. PUBLISHED SEPTEMBER 15, 1936. Class 39.

341,422. SAUSAGES. F. G. VOGT & SONS, INC., Philadelphia, Pa.
Filed July 8, 1936. Serial No. 380,810. PUBLISHED SEPTEMBER 29, 1936. Class 46.

341,423. WELDING ALLOYS. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa.
Filed July 8, 1936. Serial No. 380,814. PUBLISHED SEPTEMBER 29, 1936. Class 14.

341,424. WHEAT FLOUR. THE ARKANSAS CITY FLOUR MILLS CO., Arkansas City, Kans.
Filed July 11, 1936. Serial No. 380,898. PUBLISHED SEPTEMBER 29, 1936. Class 46.

341,425. MOTION PICTURE AMPLIFIERS FOR SOUND REPRODUCTION ON MOTION PICTURE FILMS, MOTION PICTURE SOUND HEADS FOR REPRODUCING PURPOSES IN CONJUNCTION WITH MOTION PICTURE PROJECTORS, MOTION PICTURE RECORDERS AND AMPLIFIERS FOR RECORDING SOUND ON MOTION PICTURE FILMS AND MICROPHONES. MACK WENZEL, doing business as Wenzel Company, Chicago, Ill.
Filed July 11, 1936. Serial No. 380,935. PUBLISHED SEPTEMBER 29, 1936. Class 21.

341,426. VANISHING CREAM, CLEANSING CREAM, TISSUE CREAM, COLD CREAM, FACE POWDER, SKIN LOTION, PERFUME, LIP STICK, ROUGE, AND EYE BROW PENCIL. ROYAL DRUG COMPANY, Chicago, Ill.
Filed July 13, 1936. Serial No. 380,971. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,427. BOND WRITING PAPER. TOBEY-FINE PAPERS, INC., St. Louis, Mo.
Filed July 13, 1936. Serial No. 380,977. PUBLISHED SEPTEMBER 29, 1936. Class 37.

341,428. MEDICINAL NOSE DROPS. WILLIAM H. NOLL, doing business as The Pinex Co. and Pinex Laboratories, Fort Wayne, Ind.
Filed July 14, 1936. Serial No. 381,001. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,429. MACHINE TOOLS, PARTICULARLY MILLING MACHINES, PROFILING MACHINES, DIE-SINKING AND OTHER CONTOUR REPRODUCING MACHINES. THE CINCINNATI MILLING MACHINE COMPANY, Cincinnati, Ohio.
Filed July 15, 1936. Serial No. 381,020. PUBLISHED SEPTEMBER 29, 1936. Class 23.

341,430. MACHINE TOOLS, PARTICULARLY MILLING MACHINES, PROFILING MACHINES, DIE-SINKING AND OTHER CONTOUR REPRODUCING MACHINES. THE CINCINNATI MILLING MACHINE COMPANY, Cincinnati, Ohio.
Filed July 15, 1936. Serial No. 381,021. PUBLISHED SEPTEMBER 29, 1936. Class 23.

341,431. PIECE GOODS COMPOSED OF WORSTED RAYON, AND MIXTURES OF THE SAME. MANVILLE JENCKES CORPORATION, Manville, R. I.
Filed July 15, 1936. Serial No. 381,040. PUBLISHED SEPTEMBER 29, 1936. Class 42.

341,432. COMPOSITION BOOKS, LOOSE LEAF FILLERS AND BINDERS. S. E. & M. VERNON, INC., New York, N. Y.
Filed July 18, 1936. Serial No. 381,114. PUBLISHED SEPTEMBER 22, 1936. Class 37.

341,433. HOSE AND HALF-HOSE. DANITA HOSIERY MILLS, Philadelphia, Pa.
Filed July 17, 1936. Serial No. 381,122. PUBLISHED SEPTEMBER 15, 1936. Class 39.

341,434. DISPENSING CAPS OR TOPS FOR RECEPTACLES. DOUBLE DUTY PRODUCTS, INC., Cleveland, Ohio.
Filed July 17, 1936. Serial No. 381,124. PUBLISHED SEPTEMBER 29, 1936. Class 50.

341,435. LADIES' COATS, SUITS, SKIRTS, AND ENSEMBLES CONSISTING OF TWO OR THREE PIECE SUITS AND DRESSES WITH COATS TO MATCH. POLLER, BAUMAN & STOLL, New York, N. Y.
Filed July 17, 1936. Serial No. 381,133. PUBLISHED SEPTEMBER 22, 1936. Class 39.

341,436. LADIES' SLIPS, GOWNS, PAJAMAS, DANCE SETS, CHEMISES, PANTIES, NEGLIGEES. A. H. RICH CORPORATION, New York, N. Y.
Filed July 17, 1936. Serial No. 381,135. PUBLISHED SEPTEMBER 15, 1936. Class 39.

341,437. LADIES' SLIPS. CHARLES KOMAR & SONS, New York, N. Y.
Filed July 18, 1936. Serial No. 381,162. PUBLISHED SEPTEMBER 29, 1936. Class 39.

341,438. MEN'S SUITS AND OVERCOATS. THE PALACE CLOTHIERS, Tulsa, Okla.
Filed July 18, 1936. Serial No. 381,170. PUBLISHED SEPTEMBER 15, 1936. Class 39.

341,439. WOMEN'S HOSIERY. VAN RAALTE COMPANY, New York, N. Y.
Filed July 18, 1936. Serial No. 381,177. PUBLISHED SEPTEMBER 29, 1936. Class 39.

341,440. WAIST BAND ELASTIC, LEG BAND ELASTIC, BINDING ELASTIC, STEP-IN ELASTIC, SHOULDER STRAP ELASTIC, BRASSIÈRE ELASTIC, AND ALL OTHER ELASTICS PERTINENT TO THE MANUFACTURE OF CORSETS, UNDERWEAR, AND OTHER ARTICLES OF WEARING APPAREL, IN THE PIECE OR IN THE NATURE OF CUT LENGTHS OF PIECE GOODS. THE NARROW FABRIC COMPANY, West Reading, Pa.
Filed July 20, 1936. Serial No. 381,214. PUBLISHED SEPTEMBER 29, 1936. Class 42.

341,441. MEN'S AND BOYS' NECKTIES. ARTHUR M. SILBERBERG, New York, N. Y.
Filed July 20, 1936. Serial No. 381,225. PUBLISHED SEPTEMBER 15, 1936. Class 39.

341,442. ELECTRIC DISPLAY, IDENTIFICATION, AND ADVERTISING SIGNS. CLIFFORD & COMPANY, Battle Creek, Mich.
Filed July 21, 1936. Serial No. 381,259. PUBLISHED SEPTEMBER 29, 1936. Class 21.

341,443. ASTRINGENTS, ASTRINGENT CERATES, BLEACH CREAMS, BEAUTY CREAMS, COLD CREAMS, CLEANSING CREAMS, OBESITY CREAMS, ETC. BEN HIRSCHENSOHN, doing business as Galli Sales Co., Brooklyn, N. Y.
Filed July 21, 1936. Serial No. 381,270. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,444. READY-MIXED PAINT. VALENTINE & COMPANY, New York, N. Y.
Filed July 21, 1936. Serial No. 381,296. PUBLISHED SEPTEMBER 29, 1936. Class 16.

341,445. MEN'S AND WOMEN'S PAJAMAS, UNDERWEAR, POLO SHIRTS, NIGHTGOWNS, PANTIES, STEP-INS, BLOOMERS, VESTS, AND SHORTS, COMPOSED OF RAYON, OR COTTON, OR COMBINATIONS THEREOF. MAYER-STERN, INCORPORATED, Allentown, Pa.
Filed July 22, 1936. Serial No. 381,317. PUBLISHED SEPTEMBER 29, 1936. Class 39.

341,446. MEN'S AND WOMEN'S PAJAMAS, UNDERWEAR, POLO SHIRTS, NIGHTGOWNS, PANTIES, STEP-INS, BLOOMERS, VESTS, AND SHORTS, COMPOSED OF RAYON, OR COTTON, OR COMBINATIONS THEREOF. MAYER-STERN, INCORPORATED, Allentown, Pa.
Filed July 22, 1936. Serial No. 381,318. PUBLISHED SEPTEMBER 29, 1936. Class 39.

341,447. ABSORPTIVE BASE USED AS A RAW MATERIAL IN THE MANUFACTURE OF COSMETICS AND DRUGS. VAN DYK & COMPANY, Jersey City, N. J.
Filed July 22, 1936. Serial No. 381,329. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,448. APRON CANVAS IN THE PIECE. TINGUE, BROWN & CO., New York, N. Y.
Filed July 23, 1936. Serial No. 381,333. PUBLISHED SEPTEMBER 29, 1936. Class 42.

341,449. MESH NET CONTAINERS FOR USE IN LAUNDRIES. TINGUE, BROWN & CO., New York, N. Y.
Filed July 23, 1936. Serial No. 381,334. PUBLISHED SEPTEMBER 29, 1936. Class 24.

341,450. MESH NET CONTAINERS FOR USE IN LAUNDRIES. TINGUE, BROWN & CO., New York, N. Y.
Filed July 23, 1936. Serial No. 381,335. PUBLISHED SEPTEMBER 29, 1936. Class 24.

341,451. APRON CANVAS IN THE PIECE. TINGUE, BROWN & CO., New York, N. Y.
Filed July 23, 1936. Serial No. 381,336. PUBLISHED SEPTEMBER 29, 1936. Class 42.

341,452. MESH NET CONTAINERS FOR USE IN LAUNDRIES. TINGUE, BROWN & CO., New York, N. Y.
Filed July 23, 1936. Serial No. 381,337. PUBLISHED SEPTEMBER 29, 1936. Class 24.

341,453. APRON CANVAS IN THE PIECE. TINGUE, BROWN & CO., New York, N. Y.
Filed July 23, 1936. Serial No. 381,340. PUBLISHED SEPTEMBER 29, 1936. Class 42.

341,454. MESH NET CONTAINERS FOR USE IN LAUNDRIES. TINGUE, BROWN & CO., New York, N. Y.
Filed July 23, 1936. Serial No. 381,341. PUBLISHED SEPTEMBER 29, 1936. Class 24.

341,455. APRON CANVAS IN THE PIECE. TINGUE, BROWN & CO., New York, N. Y.
Filed July 23, 1936. Serial No. 381,342. PUBLISHED SEPTEMBER 29, 1936. Class 42.

341,456. MESH NET CONTAINERS FOR USE IN LAUNDRIES. TINGUE, BROWN & CO., New York, N. Y.
Filed July 23, 1936. Serial No. 381,343. PUBLISHED SEPTEMBER 29, 1936. Class 24.

341,457. TOOTH BRUSHES. COLGATE-PALMOLIVE-PEET COMPANY, Jersey City, N. J.
Filed Aug. 19, 1936. Serial No. 382,344. PUBLISHED SEPTEMBER 29, 1936. Class 29.

341,458. MESH NET CONTAINERS FOR USE IN LAUNDRIES. TINGUE, BROWN & CO., New York, N. Y.
Filed July 23, 1936. Serial No. 381,345. PUBLISHED SEPTEMBER 29, 1936. Class 24.

341,459. APRON CANVAS IN THE PIECE. TINGUE, BROWN & CO., New York, N. Y.
Filed July 23, 1936. Serial No. 381,348. PUBLISHED SEPTEMBER 29, 1936. Class 42.

341,460. MOHAIR PILE FABRICS, IN THE PIECE. SIDNEY BLUMENTHAL & CO., INC., New York, N. Y.
Filed July 23, 1936. Serial No. 381,352. PUBLISHED SEPTEMBER 29, 1936. Class 42.

341,461. MEN'S HOSE. MOORHEAD KNITTING COMPANY, Harrisburg, Pa.
Filed July 23, 1936. Serial No. 381,373. PUBLISHED SEPTEMBER 22, 1936. Class 39.

341,462. LOUNGING ROBES AND BATH ROBES. THE RABHOR CO., INC., South Norwalk, Conn.
Filed July 23, 1936. Serial No. 381,377. PUBLISHED SEPTEMBER 22, 1936. Class 39.

341,463. VALVE FOR USE IN SIPHON HEADS. ALFRED SCHNEIER COMPANY, INC., New York, N. Y.
Filed July 23, 1936. Serial No. 381,379. PUBLISHED SEPTEMBER 29, 1936. Class 13.

341,464. LEVER FOR USE IN SIPHON HEADS. ALFRED SCHNEIER COMPANY, INC., New York, N. Y.
Filed July 23, 1936. Serial No. 381,380. PUBLISHED SEPTEMBER 29, 1936. Class 13.

341,465. SPINDLE FOR USE IN SIPHON HEADS. ALFRED SCHNEIER COMPANY, INC., New York, N. Y.
Filed July 23, 1936. Serial No. 381,381. PUBLISHED SEPTEMBER 29, 1936. Class 13.

341,466. CAP FOR USE IN SIPHON HEADS. ALFRED SCHNEIER COMPANY, INC., New York, N. Y.
Filed July 23, 1936. Serial No. 381,382. PUBLISHED SEPTEMBER 29, 1936. Class 13.

341,467. TUBE FOR USE IN SIPHON HEADS. ALFRED SCHNEIER COMPANY, INC., New York, N. Y.
Filed July 23, 1936. Serial No. 381,383. PUBLISHED SEPTEMBER 29, 1936. Class 13.

341,468. COLLAR HALF (FEMALE) FOR USE IN SIPHON HEADS. ALFRED SCHNEIER COMPANY, INC., New York, N. Y.
Filed July 23, 1936. Serial No. 381,384. PUBLISHED SEPTEMBER 29, 1936. Class 13.

341,469. COLLAR HALF (MALE) FOR USE IN SIPHON HEADS. ALFRED SCHNEIER COMPANY, INC., New York, N. Y.
Filed July 23, 1936. Serial No. 381,385. PUBLISHED SEPTEMBER 29, 1936. Class 13.

341,470. UTILITY BAGS. CHARLES DOPPELT & CO., Chicago, Ill.
Filed July 24, 1936. Serial No. 381,405. PUBLISHED SEPTEMBER 29, 1936. Class 3.

341,471. WINES. METROPOLITAN VINEYARDS CO., INC., Brooklyn, N. Y.
Filed July 24, 1936. Serial No. 381,416. PUBLISHED SEPTEMBER 29, 1936. Class 47.

341,472. TOOTH BRUSHES. PRO-PHY-LAC-TIC BRUSH COMPANY, Northampton, Mass.
Filed July 24, 1936. Serial No. 381,421. PUBLISHED SEPTEMBER 29, 1936. Class 29.

341,473. NON-BITUMINOUS ROAD SURFACING COMPOUNDS AND EMULSIONS. RAINIER PULP & PAPER COMPANY, San Francisco, Calif.
Filed July 24, 1936. Serial No. 381,422. PUBLISHED SEPTEMBER 22, 1936. Class 12.

341,474. NON-ALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES, SOLD AS SOFT DRINKS AND SIRUPS AND EXTRACTS FOR MAKING THE SAME. THOMAS SCRUTCHIN, Chicago, Ill.
Filed July 24, 1936. Serial No. 381,426. PUBLISHED SEPTEMBER 29, 1936. Class 45.

341,475. COTTON THREAD. J. THIRIEZ PERE & FILS & CARTIER-BRESSON, SOCIETE A RESPONSABILITE LIMITEE, Lille, France.
Filed July 24, 1936. Serial No. 381,435. PUBLISHED SEPTEMBER 29, 1936. Class 43.

341,476. TEXTILE FABRICS—NAMELY, SILK, RAYON, AND ACETATE PIECE GOODS, BOTH PRINTED AND PLAIN. MARTIN WEINER, doing business as Martin Weiner Co., New York, N. Y.
Filed July 24, 1936. Serial No. 381,439. PUBLISHED SEPTEMBER 22, 1936. Class 42.

341,477. ADHESIVE TAPE. GRAEME HARRISON PRODUCTS, INC., New York, N. Y.
Filed July 25, 1936. Serial No. 381,455. PUBLISHED SEPTEMBER 29, 1936. Class 5.

341,478. OINTMENT IN THE NATURE OF A SALVE FOR EXTERNAL USE RECOMMENDED FOR RELIEF OF SKIN IRRITATIONS AND ITCHING. ANTON B. LANGSETH, doing business as A. B. Langseth Co., Minot, N. Dak.
Filed July 25, 1936. Serial No. 381,461. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,479. ANIMAL REPELLENT. HALSTEAD PRODUCTS Co., doing business as Garden Chemical Co., Oakland, Calif.
Filed July 27, 1936. Serial No. 381,480. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,480. SANITARY NAPKINS. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill.
Filed July 27, 1936. Serial No. 381,485. PUBLISHED SEPTEMBER 29, 1936. Class 44.

341,481. PREPARATION USED IN THE TREATMENT OF SYPHILITIC AND RELATED TYPES OF INFECTION. PARKE, DAVIS & COMPANY, Detroit, Mich.
Filed July 27, 1936. Serial No. 381,496. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,482. DENTAL LOTION HAVING GERMICIDAL, ANTISEPTIC, COUNTERIRRITANT AND ANALGESIC PROPERTIES FOR ALLEVIATING PAIN INCIDENT TO TOOTHACHE, DENTAL NEURALGIA, ERUPTING TEETH, AND DECAYING ROOTS. ORVILLE A. GROVE, doing business as The Akiment Company, Waco, Tex.
Filed July 24, 1936. Serial No. 381,515. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,483. FLAVORED SODIUM CHLORIDE AND CALCIUM OXIDE MIXTURE, IN THE FORM OF POWDER MIXED IN SUCH PROPORTIONS THAT A DEFINITE AMOUNT OF POWDER WHEN MIXED WITH A DEFINITE AMOUNT OF WATER WILL APPROXIMATE A NORMAL SALT SOLUTION AND A SATURATED SOLUTION OF LIME WATER, FOR USE AS A MOUTHWASH AND GARGLE. ORVILLE A. GROVE, doing business as The Akiment Company, Waco, Tex.
Filed July 24, 1936. Serial No. 381,517. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,484. MENTHOLATED ALKALINE-SALINE SOLUTION FOR USE AS A MOUTHWASH-GARGLE. ORVILLE A. GROVE, doing business as The Akiment Company, Waco, Tex.
Filed July 24, 1936. Serial No. 381,518. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,485. SUTURE MATERIAL FOR SURGICAL USE. JETTER & SCHEERER PRODUCTS, INC., New York, N. Y.
Filed July 28, 1936. Serial No. 381,532. PUBLISHED SEPTEMBER 29, 1936. Class 44.

341,486. PRINTING AND WRITING PAPERS. WHITING-PLOVER PAPER COMPANY, Plover and Stevens Point, Wis.
Filed July 28, 1936. Serial No. 381,541. PUBLISHED SEPTEMBER 29, 1936. Class 37.

341,487. WINES. SUNNY HILL WINERIES, Chicago, Ill.
Filed July 29, 1936. Serial No. 381,543. PUBLISHED SEPTEMBER 29, 1936. Class 47.

341,488. WINES. SUNNY HILL WINERIES, Chicago, Ill.
Filed July 29, 1936. Serial No. 381,545. PUBLISHED SEPTEMBER 29, 1936. Class 47.

341,489. RAZOR BLADES. WM. ALT, doing business as Star Novelty Utilities, Chicago, Ill.
Filed July 29, 1936. Serial No. 381,549. PUBLISHED SEPTEMBER 29, 1936. Class 23.

341,490. BICYCLES. THE CLEVELAND WELDING COMPANY, Cleveland, Ohio.
Filed July 29, 1936. Serial No. 381,558. PUBLISHED SEPTEMBER 29, 1936. Class 19.

341,491. PREPARATION FOR THE TREATMENT OF VARICOSE VEINS, BURNS, SWOLLEN LIMBS, TIRED FEET, AND SORE THROAT. FRANK P. GLOVER, Washington, D. C.
Filed July 29, 1936. Serial No. 381,560. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,492. PREVENTATIVE FOR MOSQUITO BITES. FRANK P. GLOVER, Washington, D. C.
Filed July 29, 1936. Serial No. 381,561. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,493. COAL. OLD BEN COAL CORPORATION, Chicago, Ill.
Filed July 29, 1936. Serial No. 381,574. PUBLISHED SEPTEMBER 29, 1936. Class 1.

341,494. MATRIX OR FLONG USED IN STEREOTYPING. THE RAPID ELECTROTYPE CO., Cincinnati, Ohio.
Filed July 29, 1936. Serial No. 381,576. PUBLISHED SEPTEMBER 29, 1936. Class 50.

341,495. ANALGESIC, ANTI-RHEUMATIC, AND ANTI-NEURALGIC PREPARATIONS. E. R. SQUIBB & SONS, New York, N. Y.
Filed July 29, 1936. Serial No. 381,587. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,496. CHEMICALS USED AS DISPERSING AGENTS IN THE PREPARATION OF DISPERSIONS OF PIGMENTS, COLORS, CALCAREOUS, AND ALUMINOUS SUBSTANCES. DEWEY AND ALMY CHEMICAL COMPANY, Cambridge, Mass.
Filed July 30, 1936. Serial No. 381,608. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,497. MEDICAL OINTMENT USED FOR INFECTIONS OF THE SKIN. ERNST BISCHOFF CO. INC., New York, N. Y.
Filed July 30, 1936. Serial No. 381,620. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,498. CEDAR WARDROBES, CEDAR CHIFFOROBES, CEDAR CLOSETS, AND CEDAR CHESTS, DESIGNED FOR THE DESTROYING OF AND THE PROTECTION AGAINST MOTHS AND EGGS AND WORMS IN CLOTHING, ETC. THE LANE COMPANY, INC., Altavista, Va.
Filed July 30, 1936. Serial No. 381,626. PUBLISHED SEPTEMBER 29, 1936. Class 32.

341,499. RUGS AND CARPETS. NYE-WAIT COMPANY, INC., Auburn, N. Y.
Filed July 30, 1936. Serial No. 381,628. PUBLISHED SEPTEMBER 29, 1936. Class 42.

341,500. DENTURES AND DENTURE PARTS. AUSTENAL LABORATORIES, INC., New York, N. Y., and Chicago, Ill.
Filed July 31, 1936. Serial No. 381,652. PUBLISHED SEPTEMBER 29, 1936. Class 44.

341,501. WHEAT FLOUR. COMMANDER-LARABEE MILLING COMPANY, doing business as Buffalo Flour Mills Corporation, Buffalo, N. Y.
Filed July 31, 1936. Serial No. 381,661. PUBLISHED SEPTEMBER 29, 1936. Class 46.

341,502. CLEANSING CREAM. THE COSMETIC CLUB, LTD., New York, N. Y.
Filed July 31, 1936. Serial No. 381,664. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,503. CHEMICALS USED AS DISPERSING AGENTS IN THE PREPARATION OF DISPERSIONS OF PIGMENTS, COLORS, CALCAREOUS, AND ALUMINOUS SUBSTANCES. DEWEY AND ALMY CHEMICAL COMPANY, Cambridge, Mass.
Filed July 31, 1936. Serial No. 381,665. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,504. PREPARATION FOR EXTERNAL TREATMENT FOR FORMS OF LOCAL CONGESTION AND IRRITATION. SEEBASCO LABORATORIES, INC., Richmond, Va.
Filed July 31, 1936. Serial No. 381,694. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,505. BATHING SUIT BAGS, GLOVE BAGS, HAT COVERS, GARMENT HANGER COVERS, SUIT COVERS, AND GARMENT BAGS. COLLINGBOURNE MILLS, INC., Elgin, Ill.
Filed August 1, 1936. Serial No. 381,710. PUBLISHED SEPTEMBER 29, 1936. Class 2.

341,506. LAXATIVE IN TABLET FORM. MINTRATED PRODUCTS COMPANY, Battle Creek, Mich.
Filed August 1, 1936. Serial No. 381,722. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,507. POULTRY LITTER AND ANIMAL BEDDING, HORTICULTURAL MULCH AND LOW DENSITY PITH FOR EXPLOSIVES. GODCHAUX SUGARS, INC., New Orleans, La.
Filed August 3, 1936. Serial No. 381,761. PUBLISHED SEPTEMBER 29, 1936. Class 1.

341,508. CANNED TUNA. POINT LOMA TUNA PACKERS, INC., Point Loma, San Diego, Calif.
Filed August 3, 1936. Serial No. 381,782. PUBLISHED SEPTEMBER 29, 1936. Class 46.

341,509. ELECTRIC MOTORS. DONALD M. STEVENSON, Detroit, Mich.
Filed August 3, 1936. Serial No. 381,791. PUBLISHED SEPTEMBER 29, 1936. Class 21.

341,510. COMPOUND TO BE USED FOR THE RELIEF OF SYMPTOMS DERIVED FROM HAY FEVER AND ASTHMA. THE ARLINGTON CHEMICAL COMPANY, Yonkers, N. Y.
Filed August 4, 1936. Serial No. 381,797. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,511. RAZORS AND RAZOR BLADES. CONRAD RAZOR BLADE CO. INC., Long Island City, N. Y.
Filed August 4, 1936. Serial No. 381,799. PUBLISHED SEPTEMBER 29, 1936. Class 23.

341,512. WRAPPING PAPER. CHARLES F. HUBBS & COMPANY, New York, N. Y.
Filed August 4, 1936. Serial No. 381,811. PUBLISHED SEPTEMBER 29, 1936. Class 37.

341,513. LOOSE LEAF BINDERS. GEORGE G. NEVI, New York, N. Y.
Filed August 3, 1936. Serial No. 381,829. PUBLISHED SEPTEMBER 29, 1936. Class 37.

341,514. OIL BURNING HEATING BOILER UNITS AND/OR SYSTEMS AND PARTS THEREOF, AND OIL BURNING AIR CONDITIONING UNITS AND/OR SYSTEMS AND PARTS THEREOF. MAY OIL BURNER CORPORATION, Baltimore, Md.
Filed August 5, 1936. Serial No. 381,846. PUBLISHED SEPTEMBER 29, 1936. Class 34.

341,515. TIE RACKS AND PICTURE FRAMES. SWANK PRODUCTS, INC., Attleboro, Mass.
Filed August 5, 1936. Serial No. 381,856. PUBLISHED SEPTEMBER 29, 1936. Class 32.

341,516. RAZOR BLADES. THE FEDERAL RAZOR BLADE COMPANY, Newark, N. J.
Filed August 6, 1936. Serial No. 381,866. PUBLISHED SEPTEMBER 29, 1936. Class 23.

341,517. TOOTH POWDER. RUDOLPH MOOSBRUGGER, Glenside, Pa.
Filed August 6, 1936. Serial No. 381,871. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,518. HANDBAGS. NATIONAL MODES, INC., New York, N. Y.
Filed August 6, 1936. Serial No. 381,872. PUBLISHED SEPTEMBER 29, 1936. Class 3.

341,519. BEER OR ALE. THE NEW ENGLAND BREWING COMPANY, Hartford, Conn.
Filed August 6, 1936. Serial No. 381,874. PUBLISHED SEPTEMBER 29, 1936. Class 48.

341,520. POWDERED AND LIQUID INK. PANTHER VALLEY CHEMICAL COMPANY, Lansford, Pa.
Filed August 6, 1936. Serial No. 381,875. PUBLISHED SEPTEMBER 29, 1936. Class 11.

341,521. HACKSAW BLADES. THE L. S. STARRETT COMPANY, Athol, Mass.
Filed August 6, 1936. Serial No. 381,882. PUBLISHED SEPTEMBER 29, 1936. Class 23.

341,522. MEDICINE BEING IN THE NATURE OF A SERUM CONTAINING A NEW ENZYME TO BE USED FOR THE TREATMENT OF CARCINOMA, SARCOMA, ADENOCARCINOMA, CATARACT, TUBERCULOSIS, AND THE LIKE. THE FRANKLIN INSTITUTE OF THE STATE OF PENNSYLVANIA FOR THE PROMOTION OF THE MECHANIC ARTS, TRUSTEE FOR BIOCHEMICAL RESEARCH FOUNDATION, Philadelphia, Pa.
Filed August 5, 1936. Serial No. 381,891. PUBLISHED SEPTEMBER 29, 1936. Class 6.

341,523. POCKETBOOKS. PYRAMID LEATHER GOODS COMPANY, New York, N. Y.
Filed July 20, 1936. Serial No. 381,894. PUBLISHED SEPTEMBER 29, 1936. Class 3.

341,524. GAMES WHEREIN BALLS ARE ALTERNATELY ROLLED OVER A GRASSY SURFACE TO AND UPON A TARGET, THE SCORE OF EACH PLAYER BEING DEPENDENT UPON THE POSITION OF THE BALLS UPON THE TARGET AFTER EACH PLAY. BEAU LON PRODUCTS CO., Dayton, Ohio.
Filed August 10, 1936. Serial No. 381,959. PUBLISHED SEPTEMBER 29, 1936. Class 22.

341,525. COTTON, SILK, RAYON, AND WOOLEN PIECE GOODS. MARSHALL FIELD & COMPANY, Chicago, Ill.
Filed August 10, 1936. Serial No. 381,980. PUBLISHED SEPTEMBER 29, 1936. Class 42.

341,526. BEER. TAMPA FLORIDA BREWERY, INC., Tampa, Fla.
Filed August 10, 1936. Serial No. 382,010. PUBLISHED SEPTEMBER 29, 1936. Class 48.

341,527. BEER. TAMPA FLORIDA BREWERY, INC., Tampa, Fla.
Filed August 10, 1936. Serial No. 382,011. PUBLISHED SEPTEMBER 29, 1936. Class 48.

341,528. LIQUEURS. JOSEPH TRINER CORPORATION, Chicago, Ill.
Filed August 10, 1936. Serial No. 382,012. PUBLISHED SEPTEMBER 29, 1936. Class 49.

341,529. TYPEWRITER RIBBONS AND CARBON PAPER. AMERICAN AUTOMOBILE ASSOCIATION, INCORPORATED, Washington, D. C.
Filed August 10, 1936. Serial No. 382,025. PUBLISHED SEPTEMBER 29, 1936. Class 11.

341,530. PORTFOLIOS, POCKETBOOKS, AND CARD CASES. AMERICAN AUTOMOBILE ASSOCIATION, INCORPORATED, Washington, D. C.
Filed August 10, 1936. Serial No. 382,027. PUBLISHED SEPTEMBER 29, 1936. Class 3.

341,531. PIECE GOODS MADE OF SILK AND/OR ARTIFICIAL SILK. EXCELLO FABRICS, INC., New York, N. Y.
Filed August 12, 1936. Serial No. 382,091. PUBLISHED SEPTEMBER 29, 1936. Class 42.

341,532. COTTON, RAYON, ACETATE, AND/OR SILK PIECE GOODS. COHN-HALL-MARX CO., New York, N. Y.
Filed August 13, 1936. Serial No. 382,115. PUBLISHED SEPTEMBER 29, 1936. Class 42.

341,533. PEANUT BUTTER. GENERAL FOOD PRODUCTS CO., Vernon, Calif.
Filed August 15, 1936. Serial No. 382,213. PUBLISHED SEPTEMBER 29, 1936. Class 46.

341,534. PAPER CUPS. UNIVERSAL PAPER PRODUCTS COMPANY, Chicago, Ill.
Filed August 17, 1936. Serial No. 382,295. PUBLISHED SEPTEMBER 29, 1936. Class 2.

341,535. WHISKEY. THE LOUIS HILFER COMPANY, St. Louis, Mo., and Chicago, Ill.
Filed August 21, 1936. Serial No. 382,432. PUBLISHED SEPTEMBER 29, 1936. Class 49.

341,536. GIN. MCKESSON & ROBBINS, INCORPORATED, Fairfield and Bridgeport, Conn.
Filed August 24, 1936. Serial No. 382,515. PUBLISHED SEPTEMBER 29, 1936. Class 49.

341,537. WHISKEYS, BRANDIES, GINS, AND CORDIALS. JACOB S. POLEFSKY, doing business as Continental Pure Products Co., Jersey City, N. J.
Filed August 24, 1936. Serial No. 382,522. PUBLISHED SEPTEMBER 29, 1936. Class 49.

341,538. WHISKEY. JAS. BARCLAY & CO., LIMITED, Detroit, Mich.
Filed August 26, 1936. Serial No. 382,585. PUBLISHED SEPTEMBER 29, 1936. Class 49.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

341,539. (CLASS 38. PRINTS AND PUBLICATIONS.) TOMPKINS' LABEL SERVICE, Philadelphia, Pa. Filed June 3, 1936. Serial No. 379,266.

Candypak
GREASE PROOF

For Printed Grease-Proof Labels to Be Used in Packing or Packaging of Candy and Other Candy Products.
Claims use since Mar. 1, 1935.

341,540. (CLASS 38. PRINTS AND PUBLICATIONS.) TOMPKINS' LABEL SERVICE, Philadelphia, Pa. Filed June 3, 1936. Serial No. 379,267.

Meatpak
GREASE PROOF

For Printed Grease-Proof Labels to Be Used in Packing or Packaging of Meat or Other Meat Products.
Claims use since Mar. 1, 1935.

341,541. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE DE ROOS-STERNHEIM COMPANY, INCORPORATED, Chicago, Ill. Filed June 26, 1936. Serial No. 380,261.

NORMANDIE

For Permanent Waving Lotion and Finger-Wave Lotion.
Claims use since May 15, 1935.

341,542. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE SCHOLL MFG. CO., INC., Chicago, Ill. Filed Aug. 15, 1936. Serial No. 382,245.

Dr Scholl's Foot Balm

For Ointment for the Relief of Painful or Swollen Feet, Sore Muscles, Rheumatism, Gout, Sciatica, Neuralgia, and Inflammation.
Claims use since 1907.

341,543. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) TERHUNE, YERKANCE & WOLFF, INC., New York, N. Y. Filed Sept. 3, 1936. Serial No. 382,893.

CRISP-COOL

For Woolen, Worsted, Tropical Fabrics in the Piece, and Crashes.
Claims use since December, 1933.

341,544. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DOUGHNUT CORPORATION OF AMERICA, doing business as Doco Grain Co., Ellicott City, Md. Filed Sept. 4, 1936. Serial No. 382,910.

BETERKAKE

For Ready Prepared Flour Mixture for Making Cakes.
Claims use since July 22, 1929.

341,545. (CLASS 5. ADHESIVES.) PULLMAN CHEMICAL COMPANY, Camden, N. J. Filed Sept. 25, 1936. Serial No. 383,638.

Pullman

For Gasket Cement, Running Board Cement, Auto Top Patch Cement, Bicycle Rim Cement, Vulcanizer Reliner Cement, Rubber Cement, Rubber Cement With Brush, Tire Cut Filler, Bicycle Stop-Leak Tire Fluid, Iron Cement.
Claims use since Nov. 15, 1932.

341,546. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) CECIL D. KAUFMANN, Washington, D. C. Filed June 2, 1936. Serial No. 379,195.

ARLINGTON

For Radio Receiving Sets and Parts Thereof.
Claims use since Jan. 15, 1935.

341,547. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LOLITA LEE, Philadelphia, Pa. Filed Mar. 2, 1936. Serial No. 375,446.

nal-mend



For Preparation for Application to the Finger Nails.
Claims use since Oct. 2, 1935.

341,548. (CLASS 38. PRINTS AND PUBLICATIONS.) HERMANN IRION, doing business under the pen name Homer Whiting, New York, N. Y. Filed Jan. 10, 1936. Serial No. 373,530.

HOMER WHITING

For Articles on Musical Subjects in Newspapers.
Claims use since Oct. 11, 1935.

341,549. (CLASS 32. FURNITURE AND UPHOLSTERY.) BARKER BROS., INCORPORATED, Los Angeles, Calif. Filed Nov. 26, 1935. Serial No. 372,003.

PALM SPRINGS

For Bed-Room Furniture—Namely, Beds, Dressers, Chiffoniers, Chests, Mirror-Frames, Night-Stands, Dressing Tables, Vanities, Costumers, Sewing-Stands, and Bureaus; Living-Room Furniture—Namely, Couches, Sofas, Davenports, Chairs, Book-Cases, Cabinets, Benches, Book-Racks, Book-Ends, Partitioning Screens, Tabourets, Pedestals; Dining-Room Furniture—Namely, Tables, Chairs, Sideboards, Buffets, Servers, Picture Frames, Tea-Wagons, and Mirrors; Porch and Garden Furniture—Namely, Chairs, Tables, Sun-Shades, and Benches.
Claims use since Oct. 21, 1935.

341,550. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) IGNITION SERVICE & SUPPLY COMPANY, INC., Albany, N. Y. Filed Nov. 4, 1935. Serial No. 371,156.

RADIO CITY

For Radio Receiving Sets.
Claims use since Sept. 27, 1935.

341,551. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SEALKOTE CORPORATION, Chicago, Ill. Filed Oct. 30, 1935. Serial No. 371,003.

SEALKOTE

For Chemical Preparation for Treatment for Paper and Paper Boards and the Like for Moisture Proofing, Grease Proofing, Water Proofing by Coating, Laminating, Impregnating, or Combining.
Claims use since Oct. 23, 1935.

341,552. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) WISE MOTOR SUPPLY CO., INC., Pittsburgh, Pa. Filed Sept. 6, 1934. Serial No. 355,777.

SULLY'S

For Rear View and Side View Mirrors for Autos, Windshield Wipers, Caps for Radiators and Gas Tanks, Radiators, Fenders, Vehicle Hot Fluid Heaters, Car Wings, Side Curtains, Pedal Pads, and Trunk and Luggage Racks.
Claims use since Sept. 14, 1926.

TRADE-MARK REGISTRATIONS RENEWED

111,241. WHITE-PINE BEVEL SIDING, MOLDINGS, CASING, BASE, AND FLOORING. Registered July 4, 1916. THE R. T. JONES LUMBER COMPANY. Renewed July 4, 1936, to The R. T. Jones Lumber Co., Inc., North Tonawanda, N. Y., a corporation of New York, successor.

112,687. A MONTHLY MAGAZINE. Registered September 19, 1916. THE MODERN PUBLISHING COMPANY. Renewed September 19, 1936, to Popular Science Publishing Company, Inc., New York, N. Y., a corporation of New York, by merger.

112,921. COMBINED SPRING AND FELTED CUSHIONS AND MATTRESSES. Registered October 3, 1916. THE NACHMAN COMPANY. Renewed October 3, 1936, to Nachman-Springfilled Corporation, Chicago, Ill., a corporation of Illinois, successor.

112,925. CAROUSELS. Registered October 3, 1916. CHARLES W. PARKER. Renewed October 3, 1936, to The C. W. Parker Amusement Company, Leavenworth, Kans., a corporation of Kansas, successor.

113,225. OLEOMARGARIN. Registered October 10, 1916. CAPITAL CITY DAIRY CO. Renewed October 10, 1936, to The Capital City Products Company, Columbus, Ohio, a corporation of Delaware, by change of name.

113,557. A PASTE CLEANSING COMPOUND FOR CLEANING METALS, PAINT, WOODWORK, PORCELAIN, &C. Registered October 24, 1916. BROWN-WALES COMPANY, Boston, Mass., a corporation of Massachusetts. Renewed October 24, 1936.

113,618. CERTAIN NAMED FOODS. Registered October 24, 1916. THE MOREY MERCANTILE COMPANY, Denver, Colo., a corporation of Colorado. Renewed October 24, 1936.

113,655. FOUNTAIN-PENS AND THE PARTS THEREOF. Registered October 24, 1916. THE UNITED JEWELERS INC. Renewed October 24, 1936, to The Hallmark Company, Inc., New York, N. Y., a corporation of New York, successor.

114,155. PEANUT-OIL. Registered December 5, 1916. FIDELITY COTTON OIL COMPANY. Renewed December 5, 1936, to Fidelity Products Company, Houston, Tex., a trust of Massachusetts, successor.

114,658. RUBBER OVERSHOES AND BOOTS. Registered December 26, 1916. SEARS, ROEBUCK AND CO., Chicago, Ill., a corporation of New York. Renewed December 26, 1936.

114,668. INGOTS, CASTINGS CONSISTING OF ENGINE-CASTINGS NOT FINISHED, MACHINE-BEARINGS, AND BABBITT METAL. Registered January 2, 1917. THE AJAX METAL COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Renewed January 2, 1937.

114,669. COPPER BASE METAL ALLOYS. Registered January 2, 1917. THE AJAX METAL COMPANY, Philadelphia, Pa. Renewed January 2, 1937.

114,670. BABBITT METAL. Registered January 2, 1917. THE AJAX METAL COMPANY, Philadelphia, Pa., a corporation of Pennsylvania. Renewed January 2, 1937.

114,678. PAPRIKA. Registered January 2, 1917. AUSTIN, NICHOLS & CO., INC., Brooklyn and New York, N. Y. Renewed January 2, 1937, to Austin, Nichols & Co., Inc., Brooklyn, N. Y., a corporation of Virginia, assignee.

114,859. GRAPE-JUICE AND APPLE NECTAR. Registered January 9, 1917. AUSTIN, NICHOLS & CO., INC., Brooklyn and New York, N. Y. Renewed January 9, 1937, to Austin, Nichols & Co., Inc., Brooklyn, N. Y., a corporation of Virginia, assignee.

115,328. LAUNDRY-WASHING MACHINE. Registered February 6, 1917. GRINNELL WASHING MACHINE COMPANY, Grinnell, Iowa. Renewed February 6, 1937, to Walter J. Cummings, Chicago, Ill., assignee by mesne assignments.

115,373. TROUSERS AND RAIN-COATS. Registered February 6, 1917. SOLOMON NEWMAN, New York, N. Y. Renewed February 6, 1937.

115,379. PIGMENTS FOR USE IN THE RUBBER AND LINOLEUM INDUSTRIES. Registered February 6, 1917. ORR'S ZINC WHITE LTD., London and Widnes, England, a British company. Renewed February 6, 1937.

116,017. ILLUMINATING-OIL. Registered March 27, 1917. TIDE WATER OIL CO. Renewed March 27, 1937, to Tide Water Oil Company, New York, N. Y., a corporation of Delaware, assignee.

116,107. DAILY SUGAR-PAPER. Registered April 3, 1917. WILLETT & GRAY. Renewed April 3, 1937, to Willett & Gray, Inc., New York, N. Y., a corporation of New York, successor.

116,108. WEEKLY SUGAR-PAPER. Registered April 3, 1917. WILLETT & GRAY. Renewed April 3, 1937, to Willett & Gray, Inc., New York, N. Y., a corporation of New York, successor.

LABELS

REGISTERED DECEMBER 8, 1936

48,453.—*Title:* AKALYN. For a Medicinal Preparation for the Relief of Pain From Headaches, Neuralgia and Inorganic Causes. THE AKALYN COMPANY, New Orleans, La. Published August 3, 1936.

48,454.—*Title:* BEECH-NUT. For Strained Foods. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published September 16, 1936.

48,455.—*Title:* BEECH-NUT CONCORD GRAPE JELLY. For Grape Jelly. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published October 2, 1936.

48,456.—*Title:* BEECH-NUT PEPSIN BEECHIES. For Chewing Gum. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published October 7, 1936.

48,457.—*Title:* BEECH-NUT PEPPERMINT BEECHIES. For Chewing Gum. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published October 7, 1936.

48,458.—*Title:* BEECH-NUT SPEARMINT BEECHIES. For Chewing Gum. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published October 7, 1936.

48,459.—*Title:* STORM-PRUF ASBESTOS PLASTIC ROOF CEMENT. For Asbestos Plastic Roof Cement. D. BROWN CO., INC., Brooklyn, N. Y. Published September 10, 1936.

48,460.—*Title:* BURRY'S PIXIES. For Cookies and Biscuits. BURRY BISCUIT CORPORATION, Linden, N. J. Published September 1, 1936.

48,461.—*Title:* FIFTY 55 FIVE. For Enamel. CIRCLE BRUSH & PAINT CO., Chicago, Ill. Published January 2, 1935.

48,462.—*Title:* SHOE SALON COPLEY CORINNE ARCH PRESERVER FOOTWEAR. For Footwear. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published January 10, 1936.

48,463.—*Title:* SILK TISSUE. For Toilet Paper. THE GLASS SALES AGENCY, INC., Oakland, Calif. Published February 20, 1936.

48,464.—*Title:* GOODMAN'S. For Pure Egg Noodles. A. GOODMAN & SONS, INC., New York, N. Y. Published January 10, 1936.

48,465.—*Title:* GRAND RAPIDS EXPORT BRAND. For Beer. GRAND RAPIDS BREWING COMPANY, Grand Rapids, Mich. Published September 15, 1936.

48,466.—*Title:* HI-BRAU. For Ale. GRAND RAPIDS BREWING COMPANY, Grand Rapids, Mich. Published September 15, 1936.

48,467.—*Title:* HUNSLEY'S CLIMA-TIZED PAINTS FROM THE HOUSE OF COLOR. For House Paint. ARCH B. HUNSLEY, Amarillo, Tex. Published February 5, 1936.

48,468.—*Title:* IMPERIAL. For Sparkling Water. IMPERIAL BEVERAGE COMPANY, Kalamazoo, Mich. Published May 1, 1935.

48,469.—*Title:* IMPERIAL. For Orange Soda. IMPERIAL BEVERAGE COMPANY, Kalamazoo, Mich. Published May 1, 1935.

48,470.—*Title:* IMPERIAL. For Club Soda. IMPERIAL BEVERAGE COMPANY, Kalamazoo, Mich. Published May 1, 1935.

48,471.—*Title:* IMPERIAL. For Root Beer. IMPERIAL BEVERAGE COMPANY, Kalamazoo, Mich. Published May 1, 1935.

48,472.—*Title:* IMPERIAL. For Strawberry Soda. IMPERIAL BEGERAGE COMPANY, Kalamazoo, Mich. Published May 1, 1935.

48,473.—*Title:* IMPERIAL. For Lime Rickey. IMPERIAL BEVERAGE COMPANY, Kalamazoo, Mich. Published May 1, 1935.

48,474.—*Title:* IMPERIAL. For Cherry Soda. IMPERIAL BEVERAGE COMPANY, Kalamazoo, Mich. Published May 1, 1935.

48,475.—*Title:* OUR BETSY. For Tomatoes. LAND O'THE SKY MUTUAL ASSOCIATION, INC., Waynesville, N. C. Published October 9, 1936.

48,476.—*Title:* SQUARED ROLL. For Butter. FREDERICK F. LOWENFELS & SON, New York, N. Y. Published February 5, 1936.

48,477.—*Title:* WILKERSON. For Footwear. FRANK C. MEYER Co. INC., Brooklyn, N. Y. Published July 9, 1936.

48,478.—*Title:* RED HEART. For Dog Biscuits. JOHN MORRELL & Co., Ottumwa, Iowa. Published May 1, 1936.

48,479.—*Title:* BLUE AND WHITE BRAND BREAD. For Bread. MY BREAD BAKING COMPANY, New Bedford, Mass. Published July 6, 1936.

48,480.—*Title:* NANNETTE TODDLERS. For Children's Frocks and Suits. NANNETTE MANUFACTURING COMPANY, Philadelphia, Pa. Published September 14, 1936.

48,481.—*Title:* NATION'S PRIDE. For Canned California Solid Pack Tomatoes. NATIONAL PACKING Co., Isleton, Calif. Published May 1, 1936.

48,482.—*Title:* NATION'S TREAT. For California Spanish Style Hot Sauce. NATIONAL PACKING Co., Isleton, Calif. Published September 5, 1936.

48,483.—*Title:* PAUL'S KREAMO BREAD. For Bread. PAUL'S BREAD Co., South Bend, Ind. Published September 14, 1936.

48,484.—*Title:* PFEIFFER'S FAMOUS JUMBO BEER. For Beer. PFEIFFER BREWING COMPANY, Detroit, Mich. Published September 5, 1936.

48,485.—*Title:* GOLDEN KRUST. For Bread. POLLOCK PAPER & BOX COMPANY, Dallas, Tex. Published January 21, 1936.

48,486.—*Title:* OREGON BOND. For Fine Printing Paper. THE PULP & PAPER TRADING COMPANY, New York, N. Y. Published October 1, 1936.

48,487.—*Title:* "GOLDEN FLOW" BRAND. For Orange Juice. PURE FOODS CORPORATION, Los Angeles, Calif. Published July 20, 1936.

48,488.—*Title:* DELICIOUS CRACKED WHEAT BREAD. For Cracked Wheat Bread. RAPINWAX PAPER COMPANY, St. Paul, Minn. Published June 15, 1936.

48,489.—*Title:* 101 DISH CLOTH. For Cloths for Washing Dishes, Dusting and Polishing. READING TOWEL MFG. Co., Reading, Pa. Published September 23, 1936.

48,490.—*Title:* ADMIRATION E R S. For Cigars. E. REGENSBURG & SONS, New York, N. Y. Published August 8, 1936.

48,491.—*Title:* HER ROYAL HIGHNESS. For Waffle Wafers. RICE & TOWNSEND, Los Angeles, Calif. Published September 10, 1936.

48,492.—*Title:* ROSE MARIE. For Wine. SANDUSKY WINERIES, INC., Sandusky, Ohio. Published September 25, 1936.

48,493.—*Title:* DR. SCHOLL'S PRESTO MERCURO-CHROME (H. W. & D.) MEDICATED SOFT CORN PADS. For Soft Corn Pads. THE SCHOLL MFG. Co., INC., Chicago, Ill. Published July 30, 1936.

48,494.—*Title:* DR. SCHOLL'S PRESTO MERCURO-CHROME (H. W. & D.) MEDICATED CORN PADS. For Corn Pads. THE SCHOLL MFG. CO., INC., Chicago, Ill. Published July 30, 1936.

48,495.—*Title:* DR. SCHOLL'S PRESTO MERCURO-CHROME (H. W. & D.) MEDICATED CALLOUS PADS. For Callous Pads. THE SCHOLL MFG. CO., INC., Chicago, Ill. Published July 30, 1936.

48,496.—*Title:* GOR-JUS. For a Liquid Preparation for Setting Waves in the Hair. SHUSH LABORATORIES, Chicago, Ill. Published August 29, 1936.

48,497.—*Title:* ROYAL. For Vanilla Pudding. STANDARD BRANDS INCORPORATED, New York, N. Y. Published October 9, 1936.

48,498.—*Title:* TUDOR PASTE WAX. For Paste Wax. TUDOR WAX Co., INC., Hoboken, N. J. Published April 8, 1935.

48,499.—*Title:* VAPO BUBBLES. For a Cleaning Preparation. VAPO PRODUCTS COMPANY, INC., Spokane, Wash. Published April 10, 1934.

48,500.—*Title:* VOGT'S LARD. For Lard. F. G. VOGT & SONS, INC., Philadelphia, Pa. Published September 24, 1936.

48,501.—*Title:* SA-VO SHORTENING. For Shortening. F. G. VOGT & SONS, INC., Philadelphia, Pa. Published September 24, 1936.

48,502.—*Title:* SANDWICH LOAF DELICIOUS BREAD SLICED. For Sandwich Loaf Bread. WAXIDE PAPER COMPANY, Kansas City, Mo. Published August 31, 1935.

48,503.—*Title:* RAISIN BREAD SLICED. For Raisin Bread. WAXIDE PAPER COMPANY, Kansas City, Mo. Published August 31, 1936.

48,504.—*Title:* RYE BREAD SLICED. For Rye Bread. WAXIDE PAPER COMPANY, Kansas City, Mo. Published August 31, 1936.

PRINTS

REGISTERED DECEMBER 8, 1936

15,935.—*Title:* BEECH-NUT SPEARMINT BEECHIES. For Chewing Gum. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published October 7, 1936.

15,936.—*Title:* BEECH-NUT PEPPERMINT BEECHIES. For Chewing Gum. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published October 7, 1936.

15,937.—*Title:* BEECH-NUT PEPSIN BEECHIES. For Chewing Gum. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published October 7, 1936.

15,938.—*Title:* BIGELOW'S CARPET SPECTRUM. For Carpets. BIGELOW-SANFORD CARPET Co. INC., New York, N. Y. Published September 10, 1936.

15,939.—*Title:* GET IN THE GAME, MOTHER! For Wheat Breakfast Food. THE CREAM OF WHEAT CORPORATION, Minneapolis, Minn. Published October 10, 1936.

15,940.—*Title:* PERFO-SCORSHEET. For Bowling Pins, Balls, etc. L. J. GAZZOLO, Toledo, Ohio. Published November 7, 1935.

15,941.—*Title:* MOTHER GOOSE STORIES. For a Cereal Breakfast Food. KELLOGG COMPANY, Battle Creek, Mich. Published February 5, 1935.

15,942.—*Title:* MOTHER GOOSE STORIES—TOMMY TUCKER'S BIRTHDAY. For a Cereal Breakfast Food. KELLOGG COMPANY, Battle Creek, Mich. Published February 5, 1935.

15,943.—*Title:* MOTHER GOOSE STORIES—OLD KING COLE. For a Cereal Breakfast Food. KELLOGG COMPANY, Battle Creek, Mich. Published February 5, 1935.

15,944.—*Title:* MOTHER GOOSE STORIES—THE OLD WOMAN WHO LIVED IN A SHOE. For a Cereal Breakfast Food. KELLOGG COMPANY, Battle Creek, Mich. Published February 5, 1935.

15,945.—*Title:* GET THE THRIFT HABIT. For Flower Crepe Dresses, Swim Suits, and Silk Slips. A. I. NAMM & SON, Brooklyn, N. Y. Published July 1, 1936.

15,946.—*Title:* BEER, THE LIGHT REFRESHMENT BEVERAGE OF TENS OF MILLIONS OF NORMAL TEMPERATE PEOPLE. For Beer. OLYMPIA BREWING COMPANY, Olympia, Wash. Published July 23, 1936.

15,947.—*Title:* CASH REFUND DAY. For Men's Wear. JEROME L. PFAELZER, Chicago, Ill. Published October 8, 1936.

15,948.—*Title:* FOR BEST RESULTS, AD. NO. 2653. For Malt Extract. PREMIER-PABST CORPORATION, Peoria Heights, Ill. Published July 10, 1936.

15,949.—*Title:* HIGHEST QUALITY, AD. NO. 2654. For Malt Extract. PREMIER-PABST CORPORATION, Peoria Heights, Ill. Published July 24, 1936.

15,950.—*Title:* SELECTED BARLEY, AD. NO. 2655. For Malt Extract. PREMIER-PABST CORPORATION, Peoria Heights, Ill. Published August 7, 1936.

15,951.—*Title:* THE SEVENTH INNING STRETCH FOR PABST—AD. NO. 5354. For Beer and Ale. PREMIER-PABST CORPORATION, Peoria Heights, Ill. Published June 30, 1936.

15,952.—*Title:* MAKE IT PABST—WHILE THE SUN SHINES, AD NO. 5355. For Beer and Ale. PREMIER-PABST CORPORATION, Peoria Heights, Ill. **Published August 14, 1936.**

15,953.—*Title:* "AS 'BEAU BRUMMELL' GOES—SO GOES THE FASHION!" For Ties. THE WEISBAUM BROS., BROWER COMPANY, Cincinnati, Ohio. Published September 4, 1936.

15,954.—*Title:* THE FRESHEST THING IN TOWN. For Rye Bread. FREDERIC W. ZIV, INC., Cincinnati, Ohio. Published October 15, 1936.

PRINTS RENEWED

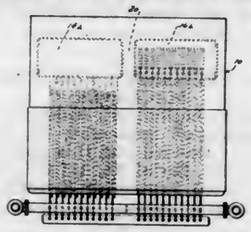
2,352. ARISTOS RED TURKEY WHEAT FLOUR FOR WHEAT FLOUR. Registered September 29, 1908. THE SOUTHWESTERN MILLING COMPANY, Kansas City, Mo. Renewed September 29, 1936, to Standard Milling Company, New York, N. Y., a corporation of Delaware, successor.

20,192

MARINE TYPE SUPERHEATER BOILER

John A. Barnes, Chappaqua, N. Y., assignor to The Superheater Company, New York, N. Y.

Original No. 2,007,267, dated July 9, 1935, Serial No. 686,047, August 21, 1933. Application for reissue March 3, 1936, Serial No. 66,878
4 Claims. (Cl. 122—462)



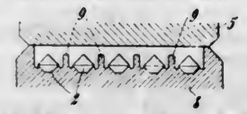
1. The combination of a return tube boiler having a plurality of completely distinct and separate internal gas paths, each of which includes a furnace flue, a group of return tubes and a vertically extending chamber for connecting the furnace flue of a given gas path with its group of return tubes, groups of superheater units each entirely within one of said gas paths, all the units in at least one of said paths lying substantially entirely within the return tubes of such path and the units in at least one of said paths having parts extending through some of the return tubes of such path and having a relatively large portion of their surface in the one of said connecting chambers.

20,193

ARTICLES OF JEWELRY AND ORNAMENTS

Daniel Swarovski, Wattens, Tyrol, Austria

Original No. 1,997,500, dated April 9, 1935, Serial No. 603,639, April 6, 1932. In Austria June 9, 1931. Application for reissue December 23, 1935, Serial No. 55,918
18 Claims. (Cl. 18—59)



6. A beaded fabric comprising a flexible foundation sheet, a plurality of glass beads thereon, said beads being substantially flat on one face and convex on the other, and a plastic adhesive securing said beads flat face down to said sheet, said adhesive extending beyond the outline of each of said beads and embracing the lower marginal edge thereof.

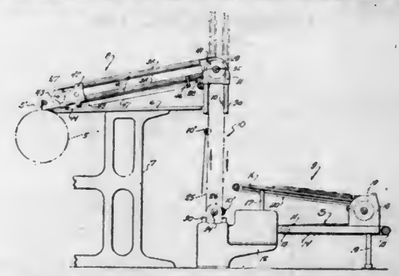
20,194

METHOD OF AND APPARATUS FOR FEEDING SHEETS

Frank R. Belluche, Racine, Wis., assignor to Christensen Machine Company, Racine, Wis., a corporation of Wisconsin

Original No. 2,016,479, dated October 8, 1935, Serial No. 723,092, April 30, 1934. Application for reissue November 5, 1936, Serial No. 109,201
43 Claims. (Cl. 271—37)

1. Sheet feeding means for printing machines and the like, comprising a feeder unit having means to separate the sheets, a slow moving tape conveyer to present sheets individually to the machine, said tape conveyer being supported at an elevation determined by the height of the



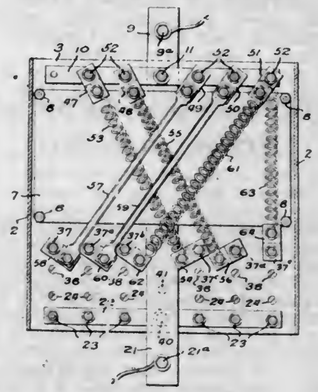
point of entrance of the sheets into the machine, and the feeder unit being supported close to the floor to facilitate loading thereof, and means to convey sheets singly from the feeder unit to the tape conveyer.

20,195

RHEOSTAT

Clarence E. Berger, Shrewsbury, N. J., assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J.

Original No. 2,009,380, dated July 30, 1935, Serial No. 688,132, September 5, 1933. Application for reissue November 25, 1935, Serial No. 51,549
19 Claims. (Cl. 201—48)



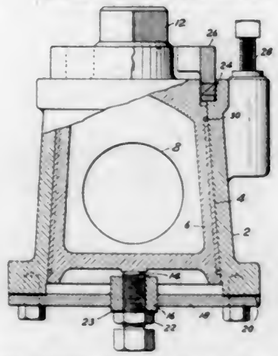
1. In a rheostat, a panel having on one side a pair of aligned spaced conductor bars, a rheostat terminal bar connected to one conductor bar, a second rheostat terminal bar attached to the panel adjacent the other conductor bar, a plurality of resistance elements, each connected at one end to the first-named rheostat terminal bar and at its other end to the panel, means to electrically connect each of the other ends of the resistance elements to the second rheostat terminal bar, and means to electrically connect the conductor bars and to connect said other conductor bar to the second rheostat terminal bar.

20,196
PLUG VALVE

Frank A. Browne, Wayne, Pa., assignor, by mesne assignments, of one-half to Walworth Patents, Inc., Boston, Mass., a corporation of Massachusetts, and one-half to Merco Nordstrom Valve Company, Pittsburgh, Pa., a corporation of Delaware

Original No. 1,922,840, dated August 15, 1933, Serial No. 429,046, February 17, 1930. Application for reissue March 11, 1935, Serial No. 10,590

1 Claim. (Cl. 251—112)



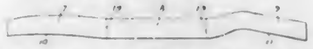
A valve comprising a casing having a seat therein, a plug rotatably supported in operative relation to the seat, a flexible plate constituting an outer wall of the casing, and an adjustable screw threaded in the plate to exert variable pressure upon the plug.

20,197
AUTOMOBILE CHASSIS FRAME AND METHOD OF MAKING SAME

James H. Crowe, Cleveland, Ohio, assignor to The Midland Steel Products Company, Cleveland, Ohio, a corporation of Ohio

Original No. 1,945,505, dated January 30, 1934, Serial No. 563,773, September 19, 1931. Application for reissue September 24, 1934, Serial No. 745,337

19 Claims. (Cl. 29—152)



12. The method of making automobile side rails consisting of cutting stock-strips transversely of their lengths to provide end sections, cutting another stock-strip transversely of its length to provide intermediate sections, forming said sections into appropriate cross section, arranging a pair of formed end sections in alignment with a formed intermediate section with their end edges in abutment, and butt welding said end edges together to provide a continuous side rail.

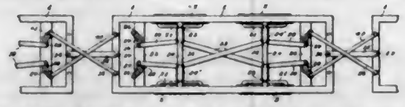
20,198
STEERING APPARATUS FOR MULTIWHEEL VEHICLES

Romaine R. Harris, Portland, Oreg.

Original No. 1,990,484, dated February 12, 1935, Serial No. 639,650, October 26, 1932. Application for reissue March 14, 1936, Serial No. 68,799½

18 Claims. (Cl. 280—103)

6. A vehicle including a chassis, a plurality of individual road wheels, a plurality of independent trucks pivotally mounted on the chassis, each truck having a road wheel rotatably mounted thereon, a pair of pivoted members arranged at one end of the chassis, one at each side of the centerline thereof, a plurality of links connect-



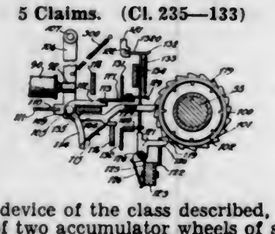
ing said pivoted members respectively to diagonally opposite wheel trucks for controlling the angular position thereof, and a pair of crossed links pivotally connecting the pivoted members at one end of the chassis to a towing vehicle.

20,199
CARRYING MECHANISM FOR TABULATING MACHINES

William W. Lasker, Jr., Brooklyn, N. Y.

Original application September 18, 1928, Serial No. 306,711. Divided and this application December 4, 1929, Serial No. 411,477. Patent No. 1,925,262, dated September 5, 1933. Application for reissue August 28, 1934, Serial No. 741,833

5 Claims. (Cl. 235—133)



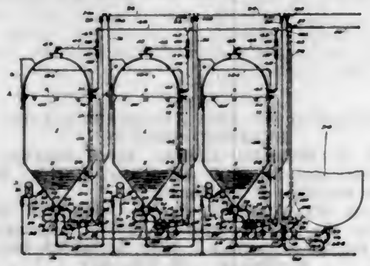
1. In a device of the class described, the combination of two accumulator wheels of successive denominational orders, a respective detent for each of said accumulator wheels, individual means for retaining each detent in normal position, common means for retaining said detents in normal position, means controllable by the accumulator wheel of lower order for rendering the individual retaining means of the accumulator wheel of higher order ineffective and means for automatically moving said common means to ineffective position.

20,200
TREATMENT OF DIGESTION LIQUORS

Albert D. Merrill, Watertown, N. Y., assignor to Chemipulp Process Inc., Watertown, N. Y., a corporation of New York

Original No. 1,945,504, dated January 30, 1934, Serial No. 622,619, July 15, 1932. Application for reissue January 29, 1935, Serial No. 3,986

35 Claims. (Cl. 92—11)



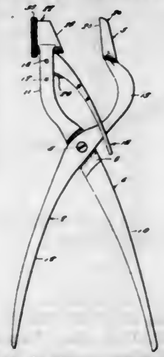
1. In apparatus of the character described, a digester having therein an indirect heat exchanger, conduits for supplying steam to said heat exchanger and directly to the interior of the digester, a conduit positioned without the digester and connecting therewith, means interposed in said conduit for circulating digester liquor through said conduit and through the digester, and a passage connecting said conduit and said circulating means with a storage receptacle whereby liquor may be withdrawn from said conduit and passed to said receptacle.

20,201
PHIMOSIS HEMOSTATIC FORCEPS

Stephen Ulysses Sivon, Ravenna, and Charles Arthur Sivon, Painesville, Ohio

Original No. 1,946,642, dated February 13, 1934, Serial No. 598,940, March 15, 1932. Application for reissue November 23, 1935, Serial No. 51,310

30 Claims. (Cl. 128—305)



19. A surgical instrument for hemostatically severing the foreskin of the penis comprising, in combination, a pair of cooperating members for clamping said foreskin, one of said members having a portion adapted to embrace said penis, means for moving said members relative to each other so as to hemostatically clamp said foreskin, cutting means carried by one of said members for severing said foreskin, and operating means for operating said cutting means.

20,202
CUT-OUT MACHINE FOR SHOE UPPERS

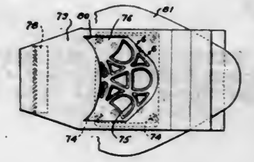
Benjamin W. Freeman, Cincinnati, Ohio

Division A

Division of original No. 1,681,033, dated August 14, 1928, Serial No. 678,213, December 3, 1923. Application for reissue, October 30, 1936, Serial No. 108,479

9 Claims. (Cl. 164—93)

9. In combination, a cutting die provided with cutting edges, and a holddown plate for the cutting die comprising a flat plate adapted to be pressed against the work, said plate being provided with an opening to surround the cutting



edges of the die, one edge of said opening being arranged to act as a gauge for the positioning of a piece of work beneath the holddown.

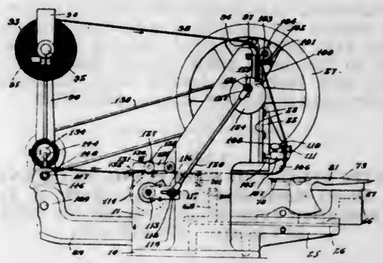
20,203
CUT-OUT MACHINE FOR SHOE UPPERS

Benjamin W. Freeman, Cincinnati, Ohio

Division B

Division of original No. 1,681,033, dated August 14, 1928, Serial No. 678,213, December 3, 1923. Application for reissue October 30, 1936, Serial No. 108,480

40 Claims. (Cl. 164—93)



40. A method of manufacturing shoes which comprises forming a lined, fitted upper, closing same into a ring-like form, supporting same with a portion thereof held flatwise in proximity to an ornamenting medium, and with the remainder thereof draped and positioned to avoid buckling of the flatwise portion, accurately positioning said flatwise portion with respect to said ornamenting medium, whereby said portion may be ornamented, and thereafter causing said ornamenting medium to operate upon the flatwise portion, by applying a blow thereto as a machine operation.

PLANT PATENTS

GRANTED DECEMBER 8, 1936

209
ROSE

George E. Lukens, North Wales, Pa., assignor to The Florex Gardens, North Wales, Pa., a corporation of Pennsylvania

Application June 13, 1936, Serial No. 85,143

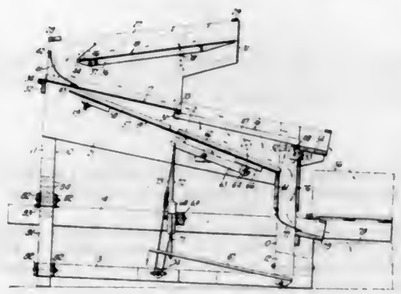
1 Claim. (Cl. 47—61)

The variety of rose as described, characterized particularly by the distinct color of its large fragrant bloom; its excellent keeping qualities; its vigorous growth and abundance of rich foliage; and its long, strong stems.

PATENTS

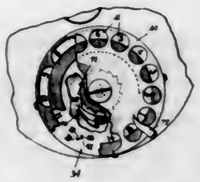
GRANTED DECEMBER 8, 1936

2,063,008
FRUIT SIZING MACHINE
Arthur F. Allen, Hayward, Calif.
Application August 17, 1934, Serial No. 740,233
1 Claim. (Cl. 209—99)



In a machine of the character described for the handling of non-spherical fruit, a sizing grid, and means for causing fruit to roll upon the sizing grid with sufficient velocity to cause the fruit to roll upon their largest diameters, said sizing grid including spaced bars extending in the direction of the movement of the fruit.

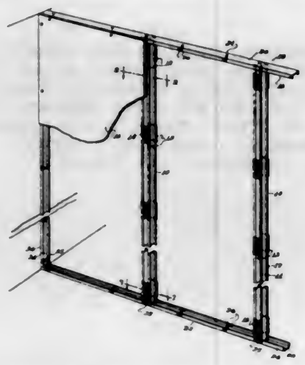
2,063,009
SWITCHING AND SIGNALING MECHANISM
Albert Koch Andriano, New York, N. Y.
Application June 10, 1933, Serial No. 675,210
28 Claims. (Cl. 179—90)



1. A dial for a rotary switch comprising, in combination, a member mounted for rotary shift movement, and symbols on said member to indicate the various stations of said switch, said symbols being arranged so that a symbol for each station is always in readable position for each station position of the dial.

2,063,010
FIREPROOF BUILDING CONSTRUCTION
Bruno E. Balduf, Chicago, Ill., assignor to United States Gypsum Company, Chicago, Ill., a corporation of Illinois
Application July 3, 1935, Serial No. 29,592
10 Claims. (Cl. 72—46)

1. A building element, comprising a pair of metallic channels with the webs thereof in spaced, parallel relation, the flanges of said channels lying in spaced, parallel planes, and foraminous plates secured to said flanges, said plates



having closely spaced perforations adapted to receive board attaching screws.

2,063,011
MUSICAL INSTRUMENT PICK
Leonard P. Bell, San Diego, Calif.
Application November 9, 1935, Serial No. 49,046
20 Claims. (Cl. 84—322)

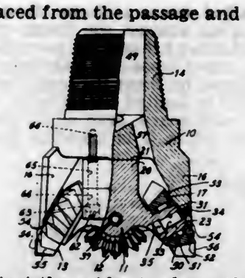


1. A device of the kind described having a resilient thumb loop member one end portion of which is furnished with a wedge-shaped aperture and the opposite end portion of which is furnished with a tapered ratchet toothed tail adjustably engageable with different edge portions of said aperture to regulate the size of said thumb loop.

2,063,012
ROLLER ROCK BIT
Alfred C. Catland, Alhambra, Calif., assignor to Globe Oil Tools Company, Los Nietos, Calif., a corporation of California
Application October 14, 1935, Serial No. 44,852
11 Claims. (Cl. 255—71)

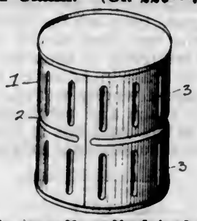
1. A well bit including a shank, a spider bearing against the lower end of the shank, there being a fluid passage in the shank, a fluid discharge member communicating with the passage and engaging against the spider, and a plurality of independent means securing the member to the shank

at points spaced from the passage and urging the



member against the spider to clamp the spider to the shank.

2,063,013
PACKING CAN
Charles R. Cooper, San Francisco, Calif.
Application September 19, 1934, Serial No. 744,706
1 Claim. (Cl. 220—72)



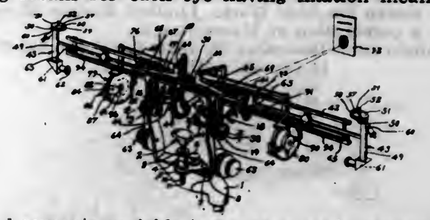
A relatively small cylindrical container intended to be hermetically sealed consisting of a can body formed of a single sheet of material rolled into cylindrical form, its side edges forming a lock seam for the formation of the can body; and its top and bottom edges together with the outside edges of the can top and bottom forming a double seam, said body sheet having a laterally disposed, internally embossed stiffening corrugation on the outer surface thereof, the ends of said corrugation being spaced inwardly from the margin of the side edges of the body plate or sheet, and relatively narrow, vertically disposed, internally embossed stiffening corrugations spaced from one another to provide relatively wide and smooth areas therebetween, said corrugations extending between and spaced inwardly from said first mentioned corrugation and the top and bottom edges of the body sheet thereby permitting the formation of the body side lock seam and the top and bottom double seams in conjunction with the outside edges of the can top and can bottom, and provide a relatively smooth unobstructed label receiving surface on the outside of said can body.

2,063,014
TOBACCO
Raymond P. Allen, Akron, Ohio
No Drawing. Application December 22, 1932, Serial No. 648,439
12 Claims. (Cl. 131—31)

1. A substantially homogeneous mixture of tobacco and a highly activated adsorbent substance on which is adsorbed a volatile flavoring agent.

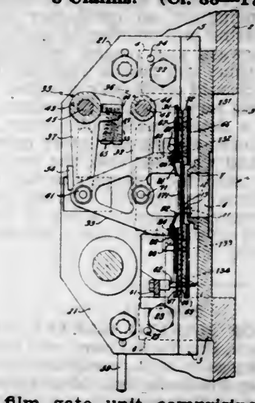
2,063,015
EYE TESTING INSTRUMENT
Adelbert Ames, Jr., Hanover, N. H., assignor to trustees of Dartmouth College, Hanover, N. H., a corporation of New Hampshire
Application June 20, 1932, Serial No. 618,200
44 Claims. (Cl. 88—20)

15. In a device of the character described, the combination of means for positioning the eyes of a patient relatively to the device and supporting means for each eye having fixation means



and separate variable test means, each supporting means being mounted for effective movement substantially about the horizontal center of rotation of an eye under test.

2,063,016
FILM GATE
Malcolm H. Ames, Waltham, Mass., assignor, by mesne assignments, to Technicolor, Inc., New York, N. Y., a corporation of Delaware
Application September 12, 1931, Serial No. 562,502
8 Claims. (Cl. 88—17)



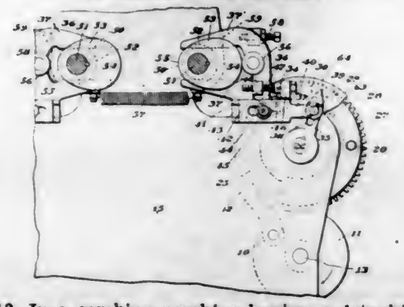
1. A film gate unit comprising an aperture frame, a film guide confining the margins of a film strip but being recessed from the record portion of said strip, driving means for oscillating said frame and said guide relative to each other, means resiliently associated with said guide for flattening said record portion during exposure against said aperture frame, and resilient means intermediate said guide and said driving means, said resilient means and said flattening means leaving said guide free to stop at varying distances from said frame irrespective of the relative positions of guide and driving means.

2,063,017
PICKLING CHAIN
Joe Shreve Anderson, Bellaire, Ohio
Application April 6, 1935, Serial No. 15,089
7 Claims. (Cl. 266—7)



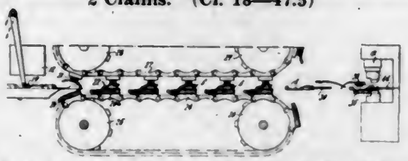
1. A pickling chain for metal bars and the like comprising a series of links, and means integrally formed at one end of each link to engage said metal bars to rotate the same during the movement of the chain.

2,063,018
COMBER
Benjamin Bailey, Boston, Mass., assignor to Alsatian Machine Works, Limited, Boston, Mass., a corporation of Massachusetts
Application December 12, 1933, Serial No. 702,000
14 Claims. (Cl. 19—118)



13. In a combing machine having a detaching mechanism including a roll, mechanism for imparting alternate forward and reverse movements to said roll including, an oscillatory member, means for operating said member to oscillate with determinate forward and reverse movements in a determinate time, and means whereby the motion imparted by said oscillatory member to said roll for imparting forward movement thereto may be stopped at a determinate point short of the complete movement of said oscillatory member in one direction and whereby, also, the motion imparted by said oscillatory member to said roll for imparting reverse movement thereto may be started at a determinate point short of the complete movement of said oscillatory member in a reverse direction.

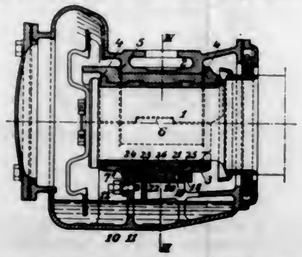
2,063,019
METHOD OF MAKING GARTER TABS
Lloyd H. Bardach, Hartford, Conn., and Nathaniel H. Curtiss, Passaic, N. J., assignors to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
Application July 23, 1935, Serial No. 32,688
2 Claims. (Cl. 18—47.5)



1. In a method of making a garter tab, the steps comprising forming a strip of rubber whose shape in transverse cross section roughly corresponds to the shape of a finished tab in longitudinal cross section, removing a section from the end of the strip of approximately the width of the tab, and shaping a button on the tab.

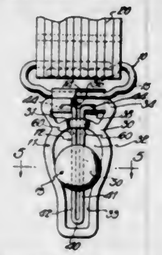
2,063,020
AXLE BEARING
Victor Alexander Bary, London, England
Application May 10, 1930, Serial No. 451,399
In Great Britain May 14, 1929
9 Claims. (Cl. 308—83)

8. An axle bearing suitable for railway vehicles, comprising, in combination, an axle journal having a non-removable collar thereon, an axle box, an upper loaded brass resting upon said journal, a lower unloaded brass separate from the upper brass and lying against the lower crown of the journal, said lower brass being movable independently of the upper brass and relatively to the journal, the spacing between the lower brass and the journal being so limited that a layer of lubricant will occupy said space, both while the journal is rotating and while it is standing still, the said



lower brass thereby serving as a lubricating brass, there being a space between the lower brass and the bottom of the box, and means for adjusting the lower brass relatively to the axle journal and for securing such brass in adjusted position, said means being located wholly within the axle box and within said space and being operable from within the box, so that said box is free of perforations designed to accommodate said means.

2,063,021
GARMENT CLASP
Cora Braithwaite Battin, Avenel, N. J.
Application June 21, 1935, Serial No. 27,684
5 Claims. (Cl. 24—247)

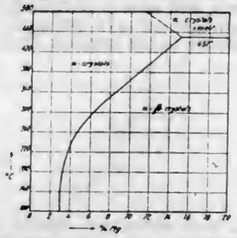


1. A garment clasp comprising a loop member, a rigid member pivotally carried by the loop member, a button slidably mounted on the rigid member and movable through the loop member to secure it to a garment, and a plurality of projecting lugs extending from the rigid member to provide stops for limiting the sliding movement of the button in one direction upon the rigid member.

2,063,022
PROCESS FOR IMPROVING THE RESISTANCE TO CORROSION OF ALUMINIUM BASE ALLOYS
Adolf Beck, Bitterfeld, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
Application December 23, 1933, Serial No. 703,756
In Germany December 24, 1932
4 Claims. (Cl. 148—21.1)

1. A process for improving the resistance to corrosion of aluminium base alloys containing available magnesium in percentage quantities of from about 3 to about 16 which comprises subjecting said alloys in the as cast state to a heat

treatment at a temperature ranging from about 250 to about 450° C. for such time as to impart a homogeneous crystalline structure to said alloys, quenching said alloys and re-heating said alloys to a temperature range the upper limit of



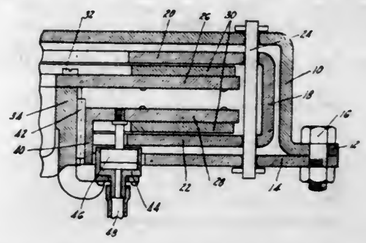
which for varying percentages of magnesium in the alloys is represented by the boundary line separating the α-crystal—from the α+β-crystal-field in the annexed phase diagram and the lower limit of which is represented by a temperature in excess of 200° C.

2,063,023
ALUMINIUM ALLOYS
Adolf Beck, Bitterfeld, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application May 31, 1934, Serial No. 728,383. In Germany June 9, 1933
4 Claims. (Cl. 148—21.1)

2. The process of increasing the resistance to corrosion as well as the strength properties of an aluminium base alloy containing magnesium in quantities of between about 3 and about 12 percent and zinc in quantities of between about 2 and about 6 percent, the proportion of magnesium to zinc being such as to leave more than 3 percent of magnesium, after the formation of the compound $MgZn_2$ with all the zinc present, in a state available for combination with aluminium, which comprises subjecting the alloy to an annealing treatment at temperatures between about 400 and about 440° C. for a period of time sufficient to convert the crystalline structure of the alloy substantially into the form of a homogeneous solid solution, then chilling the alloy, and thereafter heating the alloy to a lower temperature, but above about 200° C., so as to cause at least partial segregation of the compound $MgZn_2$ and of the compound Al_3Mg_2 in a highly dispersed form.

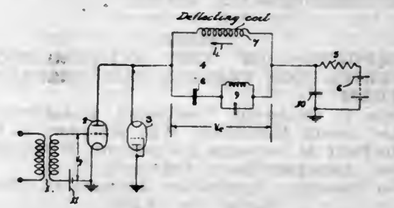
2,063,024
BRAKE
Vincent Bendix, South Bend, Ind., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Refiled for abandoned application Serial No. 216,096, August 29, 1927, which in turn is a division of application Serial No. 726,050, July 14, 1924. This application February 23, 1933, Serial No. 658,205
21 Claims. (Cl. 188—72)

1. A brake comprising a rotatable element, a disk member having spaced plates, a working disk member comprising a pair of plates arranged side by side and mounted for being spread laterally so as to expand said working member and frictionally engage the plates of the other member, one of said members being secured to said element so as to be rotated therewith and the other being held against rotation, a plunger secured to one of the plates of said working member, and means for moving said plunger se-



cured to the other plate of said working member providing a motor whereby said working member may be spread.

2,063,025
SWEEP CIRCUIT
Alan Dower Blumlein, Ealing, London, England, assignor to Electric and Musical Industries Limited, Hayes, Middlesex, England, a company of Great Britain
Application April 1, 1933, Serial No. 663,977
In Great Britain April 4, 1932
9 Claims. (Cl. 250—36)

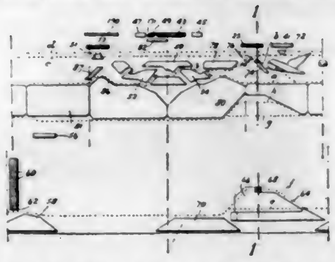


1. An oscillation generator for generating periodic electrical oscillations of other than sinusoidal wave form comprising a circuit including an inductance for controlling the wave form of the generated oscillations during a part of each cycle thereof, a condenser constituting with said inductance a tuned circuit, said tuned circuit being operative to control said wave form during another part of each cycle, means for supplying control electrical signal impulses to said system, and means for transferring the control of said wave-form from the circuit including said inductance to said tuned circuit in response to control electrical impulse.

2,063,026
KNITTING METHOD AND MACHINE
Paul W. Bristow, Laconia, N. H., assignor to Standard-Trump Bros. Machine Company, Laconia, N. H., a corporation of Delaware
Application May 8, 1935, Serial No. 20,312
11 Claims. (Cl. 66—108)

1. A circular knitting machine including a needle cylinder, needles slidable in the cylinder, means for feeding a plurality of yarns to the needles, sinkers squipped with nibs movable between the needles and cooperating therewith in the formation of stitches, means for normally advancing sinkers to cause loops to be drawn in front of their nibs, means for prematurely advancing certain sinkers to cause loops to be drawn behind their nibs, and an adjustable cam for re-

tracting each of said last named sinkers when the needle preceding said sinker is passing below the



fabric level to draw a new loop through one previously made.

2,063,027

PROCESS FOR PREPARING FORMYLAMINO ANTHRAQUINONES AND PRODUCTS OBTAINABLE BY SAID PROCESS

Edwin C. Buxbaum, Shorewood, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application January 18, 1936, Serial No. 59,693

8 Claims. (Cl. 260—60)

6. A 1 - formylamino-4-amino - anthraquinone carrying in the 3-position a substituent of the class consisting of CH_3 and Br.

2,063,028

COMPOUNDS OF THE ANTHRAQUINONE SERIES AND PROCESS FOR PREPARING THEM

Edwin C. Buxbaum, Shorewood, and Henry R. Lee, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application January 18, 1936, Serial No. 59,694

14 Claims. (Cl. 260—60)

1. An alpha - formylamino - anthraquinone carrying a substituent of the class consisting of $—NH_2$ and $—NO_2$ in at least one alpha position para to a formylamine group.

2,063,029

PROCESS FOR PRODUCING METAL PHOSPHATES

John H. Coleman, Elizabeth, N. J., and Francis H. Coleman, Blairsville, Pa.

No Drawing. Application July 31, 1934, Serial No. 737,836

5 Claims. (Cl. 23—105)

1. The process of producing iron phosphates from industrial and natural waste liquors containing very dilute solutions of iron sulphates and a very dilute mineral acid comprising reacting natural tri-calcium phosphate with said waste liquors, then separating the precipitated calcium sulphate, then precipitating the iron phosphate formed and separating the same from the solution.

2,063,030

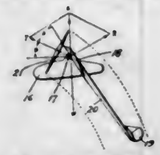
AIRCRAFT

Rupert J. Goodman Crouch, Providence, R. I.

Original application December 31, 1931, Serial No. 584,214. Divided and this application May 27, 1933, Serial No. 673,216. Renewed January 21, 1936. In Great Britain July 22, 1932

5 Claims. (Cl. 244—12)

1. In aircraft, a unit structure comprising a main lifting surface, variable pitch air-screw means, an engine having reduction gearing for driving said variable pitch air-screw means, said air-screw means separated from and forward of the leading edge of said lifting surface having its axis at such angle to the chord of said lifting surface that when said axis is horizontally disposed the lifting surface always presents a positive angle of incidence to the horizon, throughout the



speed range, said air-screw means adapted to produce a slip stream enveloping substantially the whole of said lifting surface, means for varying the pitch of said air-screw means during flight, and means for varying the aero-dynamic characteristics of said main lifting surface during flight, and load carrying means movably supported by said unit structure.

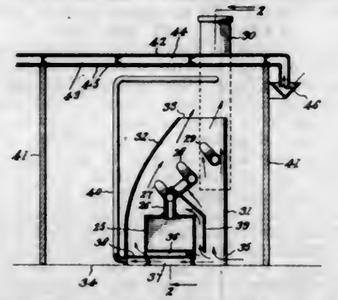
2,063,031

HEATING APPARATUS

Benjamin W. Davis, Chicago, Ill.

Application December 14, 1934, Serial No. 757,533

2 Claims. (Cl. 126—99)



1. Heating apparatus including a casing having an opening in the top and bottom thereof, one wall of the casing being inclined upwardly and in the direction of the opposing wall, said opposing wall being substantially vertical and the bottom opening being in said vertical wall, a heater in the casing, a plurality of interconnected heat radiating flues connected at one end to the heater, said flues being of flattened form with their longitudinal axes horizontal and with their flattened faces substantially parallel and inclined to the vertical in the direction of said one inclined wall, said flues being disposed in spaced apart stepped relation in such a manner that the lower walls thereof form a heat exchanging baffle for the rising current of air.

2,063,032

SPEED CONTROL OF LANDING GEAR WHEELS ON AEROPLANES

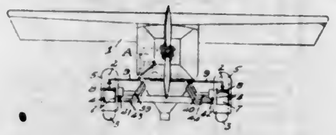
Charles D. Fator, San Antonio, Tex.

Application April 9, 1935, Serial No. 15,453

3 Claims. (Cl. 244—2)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In an aeroplane including a landing gear having landing wheels mounted revolubly thereon, means for rotating said landing wheels in a forward direction during the flight of the aeroplane, means for substantially synchronizing the rotational speed of said landing wheels to that of the landing speed of the plane, said last mentioned means comprising a covering for said landing wheels, an exposure aperture provided in said covering, means operable for opening and closing said aperture, a closed fluid circulating system including a fluid displacement pump in driving connection with each of said wheels and providing



a braking action thereon; a motor, fluid displacement pumps driven by said motor and adapted to control the braking action of said first mentioned pumps, conduits connecting said first mentioned pumps to said last mentioned pumps, a fluid circulated by said pumps, check and combination by-pass check and pressure-relief valves in said conduits, said valves being responsive to the pressure within said system and means for controlling the speed of said displacement pumps driven by said motor.

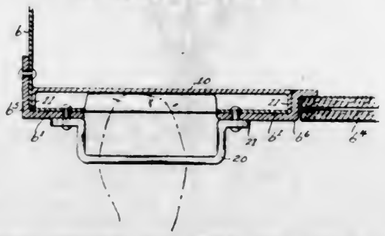
2,063,033

DEMOUNTABLE BODY

Benjamin F. Fitch, Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y., a corporation of Delaware

Application August 31, 1933, Serial No. 687,664

15 Claims. (Cl. 220—1.5)



1. A demountable automobile body having an internal ventilation flue communicating with the interior of the body, said flue having intake openings from the exterior of the body, an external ladder, the rungs of the ladder registering with said intake openings for admission of the toe of the operator's foot resting on the rung.

2,063,034

METHOD OF PRODUCING METALLIC COATINGS ON A CELLULOSE ESTER BASE

Erich Freund, Chicago, Ill.

No Drawing. Application April 28, 1932, Serial No. 608,141

13 Claims. (Cl. 91—68.3)

13. The process of coating a cellulose ester which includes the steps of subjecting the cellulose ester to the action of a solution of potassium dichromate in sulphuric acid, said solution having a strength which superficially attacks the surface of the cellulose ester, and depositing by chemical precipitation a metallic coating on said surface.

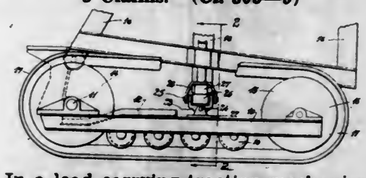
2,063,035

ENDLESS TRACK MOUNTING

Frank A. Fuller, South Milwaukee, and Thomas A. Snyder, Milwaukee, Wis., assignors to Bucyrus-Erie Company, South Milwaukee, Wis., a corporation of Delaware

Application August 23, 1934, Serial No. 741,050

5 Claims. (Cl. 305—9)



4. In a load-carrying traction mechanism, the combination of: a superstructure; two traction units; fixed means, carried by the superstructure, for independently pivoting each unit for motion in a longitudinal vertical plane; means to constrain each unit from diverging from the other, said means consisting of two diagonal bars, each having one end secured to one of the units, and the other end pivoted to the superstructure adjacent the center line of the superstructure; a cross-member, centrally secured to the superstructure; and, joining each unit to one end of the cross-member, a universal joint, said universal joint comprising a support-bearing carried by the unit, a member horizontally transversely pivoted on the support-bearing, a roller horizontally longitudinally pivoted on said member and engaging the lower side of the end of the cross-member, and means engageable with the upper side of the end of the cross-member whereby to lift the unit when the end of the cross-member up-tilts.

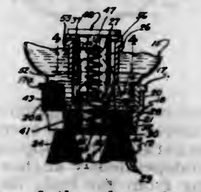
2,063,036

LIQUID DISPENSING DEVICE

David H. Hawes, Bridgeport, Conn.

Application September 29, 1934, Serial No. 746,062

10 Claims. (Cl. 221—102)



1. In a device of the character described, a body having a discharge opening, an operating member turnable on said body, a liquid container, and means mounted on said body and extending into said container and operable by said operating member on relative turning movement of said body and operating member to force liquid from said container through said discharge opening.

2,063,037

SURFACING OF INKING ROLLS

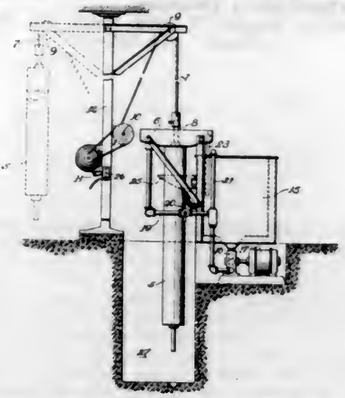
Bruce W. Hubbard, Oak Park, Ill., assignor to Ideal Roller & Manufacturing Co. Inc., Chicago, Ill., a corporation of Illinois

Application August 29, 1932, Serial No. 630,844

5 Claims. (Cl. 91—46)

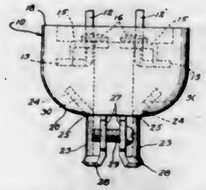
1. In a machine of the character described, an upwardly opening receptacle having a bottom opening adapted to be closed by a roller to be coated when the latter extends in a vertical direction through the opening, an inlet for said

receptacle opening near the bottom thereof, an overflow outlet opening for the receptacle disposed above said inlet opening, means for supplying molten composition to said inlet at a substantially constant rate of flow sufficient to



maintain an overflow from said outlet, and power driven means for raising said roller at a uniform speed whereby to present successive longitudinal sections of the roller to the layer of composition in said receptacle.

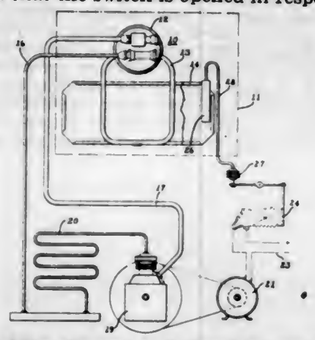
2,063,038
ATTACHMENT PLUG CAP
Harvey Hubbell, Jr., Bridgeport, Conn.
Application February 1, 1933, Serial No. 654,568
9 Claims. (Cl. 173—322



5. In a device of the character described, a body of live rubber having an opening therein for a lead cord, separate cord gripping members imbedded and independently anchored in the body and projecting from the body on opposite sides of said opening, said gripping members being shiftable relatively to and from a cord in the opening due to the yielding of the body, and means for forcing said members toward each other to clamp them on a lead cord.

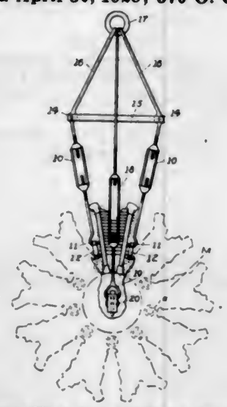
2,063,039
REFRIGERATING SYSTEM
Harry B. Hull, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware
Application June 30, 1928, Serial No. 289,545
Renewed December 10, 1935
11 Claims. (Cl. 62—4)

1. Refrigerating apparatus comprising in combination a refrigerating element, means for circulating refrigerant in the element, a motor for actuating the circulating means, a switch for starting and stopping the motor, and means responsive to the frost condition of the element for operating the switch, including a freezing thermostat thermally connected to the element and so placed that the switch is opened in response to



frosting of the element and closed in response to defrosting of the element.

2,063,040
HOISTING SLING
Carl H. Jolly, United States Navy
Application October 16, 1935, Serial No. 45,195
6 Claims. (Cl. 294—78)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

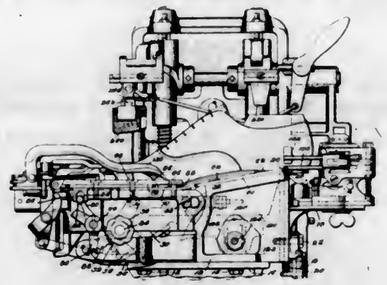


1. A hoisting sling for airplane motors having fastening means engageable with fastening means on fuselages, comprising primary suspending means for attachment with the motor at laterally spaced points, and secondary suspending means for attachment with the motor at a point longitudinally offset with respect to said primary suspending means, said secondary suspending means being adjustable to tilt the motor longitudinally to align the fastening means on the motor longitudinally with respect to the fastening means on the fuselage.

2,063,041
APPARATUS FOR APPLYING PRESSURE TO SHOE BOTTOMS
Lloyd G. Knowles, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application June 30, 1933, Serial No. 678,457
13 Claims. (Cl. 12—33)

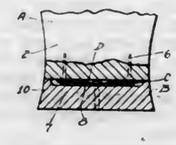
4. A machine for use in applying pressure to shoe bottoms comprising a shoe-receiving pad having a fluid-filled chamber provided with a

shoe-engaging wall and an opposite distortable wall, means for applying pressure to a shoe on the pad and for maintaining the shoe under pressure, a plunger adjustable independently of the means for applying and maintaining the pressure to



force said opposite wall of the pad toward said shoe-receiving wall to a greater or less extent, and a cam serving as the sole means of support for said plunger and rotatable to adjust the plunger and to support it in various positions.

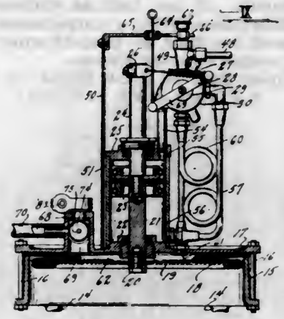
2,063,042
SHOE HEEL STRUCTURE
Max Mauser, St. Louis, Mo.
Application April 16, 1934, Serial No. 720,758
4 Claims. (Cl. 36—36)



1. The combination with a shoe heel, of a tap therefor having a depression bounded by side edges, a plate secured to said heel at laterally spaced apart points and constructed with the portion intermediate said points of securement raised from said heel to space said intermediate portion for its entire length from the heel and providing a clearance therebetween open at its front and rear ends; and a second plate secured in said depression in said tap and having its side edges higher than its portion therebetween so they may be substantially flush with said tap side edges, said second plate being of such a size as to fill the space between said intermediate raised portion of the first plate and the heel, whereby the tap may be removably secured on said heel by inserting the second plate in said clearance and slidably actuating it longitudinally forwardly of the shoe.

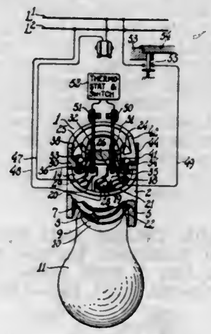
2,063,043
RESPIRATION METHOD AND APPARATUS
Elmer I. McKesson, Toledo, Ohio, assignor to Martha F. McKesson, Toledo, Ohio
Application November 6, 1933, Serial No. 696,868
10 Claims. (Cl. 128—29)

1. A portable unit housing comprising therein a bellows providing a pump having a suction stroke and a succeeding reverse pressure stroke, a double-acting piston and cylinder device thereon providing a motor directly connected for operating said bellows, a snap valve for the device operable by the device for controlling fluid flow of gas from the device to the bellows at each stroke of the bellows, a fluid source, pressure



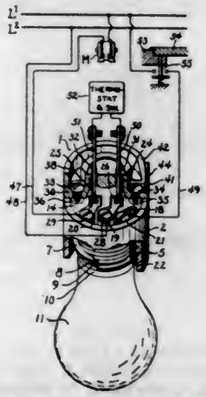
controlled mechanism between the source and valve, a delivery duct from the bellows, and a mask terminus for the delivery duct.

2,063,044
SERVICE CONNECTER
George J. Meuer and Ralph A. Millermaster, Milwaukee, Wis., assignors, by direct and mesne assignments, of one-half to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware, and one-half to Borg-Warner Corporation, a corporation of Illinois
Original application July 16, 1934, Serial No. 735,443. Divided and this application May 1, 1935, Serial No. 19,132
8 Claims. (Cl. 173—324)



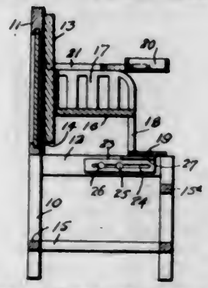
5. A service connecter attachment for electric refrigerators comprising a molded insulating casing having a wiring cavity formed therein, said casing having a conductor passage communicating with said cavity, at least three wiring terminal members located within said cavity, a pair of plug jack engaging contacts located within said cavity and associated with two of said terminal members respectively, said casing having a substantially cylindrical recess formed in the face thereof opposite to said wiring cavity, center and screw-thread type lamp socket contacts located within said recess, and one of said two terminal members and a third terminal member being adapted to provide for connection of said center and screw-thread type lamp socket contacts to a source of current supply independently of the other of said two terminal members.

2,063,045
SERVICE CONNECTER
George J. Meuer and Ralph A. Millermaster, Milwaukee, Wis., assignors, by direct and mesne assignments, of one-half to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware, and one-half to Borg-Warner Corporation, a corporation of Illinois
Application July 16, 1934, Serial No. 735,443
6 Claims. (Cl. 173—324)



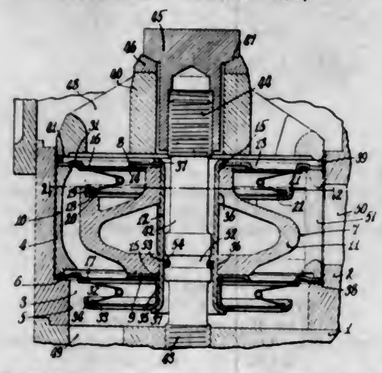
4. A plug connecter comprising a two-part molded insulating casing adapted to be plugged onto a pair of plug jacks, said casing enclosing a pair of resilient contacts adapted for cooperative engagement with the plug jacks, a terminal member associated with one of said contacts and adapted for connection to a translating device of suitable form, a second terminal member associated with the other of said contacts, said second terminal member being adapted for connection with a suitable source of current supply, and a third terminal member, said third terminal member cooperating with said second terminal member to provide for completion of a circuit independently of said first mentioned terminal member, all of said contacts and said wiring terminal members being concealed by said two-part casing upon assembly of the latter.

2,063,046
COMBINATION CHAIR AND HIGH CHAIR
Walter Naturkacz, Buffalo, N. Y.
Application July 9, 1935, Serial No. 30,539
3 Claims. (Cl. 155—132)



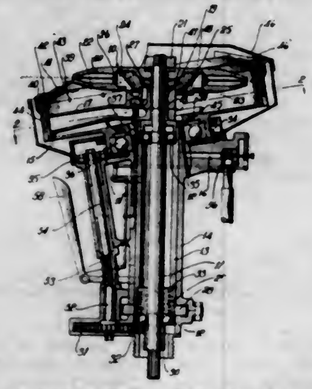
1. In a device of the class described, a chair construction including a seat hingedly mounted to the frame of the chair, a high chair attachment carried by the bottom face of the chair seat and including a foot rest movable therewith, with the chair seat constituting the back of the high chair and means carried by the chair for engagement with the high chair for holding the high chair in raised service position, including slidably and pivotally mounted bracket plates carried by opposite sides of the chair adapted to be engaged by opposite ends of the foot rest.

2,063,047
VALVE MECHANISM
Warren Noble, Michigan City, Ind., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application February 28, 1934, Serial No. 713,331
52 Claims. (Cl. 230—231)



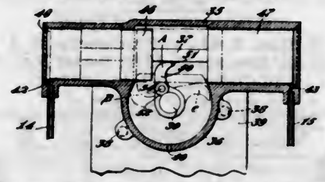
1. In a valve mechanism for a pump, an inlet valve seat member, a discharge valve seat member, a spacing element interposed between said members, said members and said element having central openings and a retainer tube extending through said openings and maintaining said members and elements in assembled relation as a detached unit securable in and removable from a pump as a whole.

2,063,048
SPRAYING DEVICE
Edward O. Norris, Port Chester, N. Y., assignor to The Norris Painting Machinery Corporation, Inc., New York, N. Y., a corporation of New York
Application May 7, 1932, Serial No. 609,813
Renewed February 27, 1936
48 Claims. (Cl. 299—63)



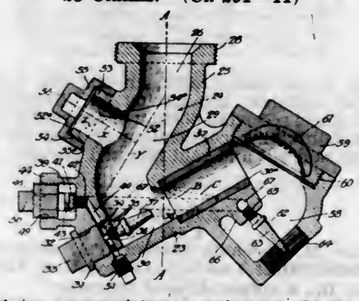
1. In a device of the character described, the combination comprising centrifugal distributing means, and rotatable means having a centrifugal collecting action adapted for receiving and retaining a predetermined portion of the material distributed, irrespective of the position of the device with respect to the horizontal.

2,063,049
CONTROL SYSTEM
John B. Parsons, Arlington, Mass., assignor of sixty per cent to Graydon Stetson, Boston, Mass.
Application October 5, 1933, Serial No. 692,354
29 Claims. (Cl. 235—30)



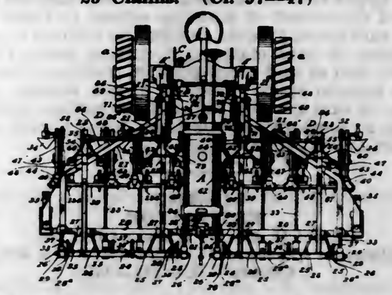
1. The combination with a vehicle having a meter or the like device provided with a control member movable from an inoperative position to an operative position, of a system for controlling the operation of the control member comprising a pressure compartment, means for applying fluid pressure to said compartment to create a predetermined pressure condition therein, means movable from one position to another in response to a change in the pressure condition within said compartment, connections between said movable means and the control member operative in one direction of movement to effect the movement of the control member from an inoperative position to an operative position, and means automatically operative to control the pressure conditions within said compartment in response to occupancy of the vehicle, thereby to effect the movement of said control member from inoperative position to an operative position.

2,063,050
SANDER TRAP
Curtis W. Ploen, Chicago, Ill., assignor to Viloco Railway Equipment Company, Chicago, Ill., a corporation of Illinois
Application December 10, 1932, Serial No. 646,616
23 Claims. (Cl. 291—11)



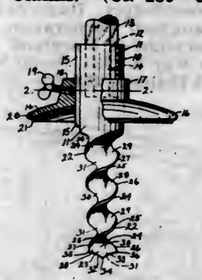
1. A trap comprising a casing provided with a passageway connected at one end to a container for material, said passageway having angularly related superposed portions the axes of which form an acute interior angle, one of said portions being connected at one end to said container and being disposed at an angle to the vertical approaching the angle of repose of the material in said container.

2,063,051
TILLAGE IMPLEMENT
Charles T. Ray, Louisville, Ky., assignor to B. F. Avery & Sons Company, Louisville, Ky., a corporation of Delaware
Application July 15, 1932, Serial No. 622,758
25 Claims. (Cl. 97—47)



1. A multi-row cultivator comprising a main frame formed to provide two side sections spaced apart longitudinally to receive a tractor between them and whose forward ends are provided with means for connecting them to each other and to the forward end of the frame said tractor to have movement about a common substantially horizontal axis relatively to each other and to the tractor, each of said frame sections also having a supporting wheel at its outer side, a series of gangs of cultivating devices carried by said sections and relatively arranged to cultivate both sides of a plurality of rows at each side of the tractor, simultaneously, each of said frame sections having depth adjusting means for the several gangs of cultivating devices and each also having means adapted for connection to a tractor-operated power means for raising or lowering the several gangs by power derived from the tractor.

2,063,052
SELF-SECURING AND PROPELLING ANCHOR
Washington Lee Robins, Cynwyd, Pa., assignor of one-fourth to George James Graham, Philadelphia, Pa.
Application November 1, 1933, Serial No. 696,252
8 Claims. (Cl. 189—91)



1. A threaded anchor of the class described, adapted to be turned into earth or other like penetrable material, said anchor including a shank portion and a screw portion of double threaded formation, the pitch of each thread thereof being such as to afford a complete turn of said thread in a pitch length equal to approximately twice the diameter across the periphery of said threads, said double threaded formation affording two substantially deep, concaved spiral grooves thruout the length of said screw portion,

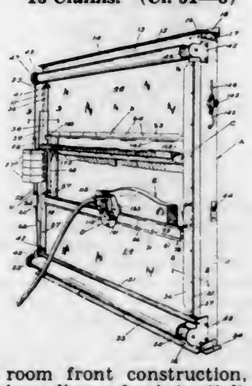
said threaded formation being substantially of the same cross-section thruout its length, except where it terminates at said shank portion, where the bottom surfaces of said grooves turn outward into the outer surface of said shank portion, in shouldered formation, to form an obstruction at the upper ends of said grooves, and resist the upward movement of material caused to travel up the said spiral grooves, during the turning of said anchor, in said material, a cutting edge at the lower end of said screw portion, positioned across the general spiral direction of the bottom surface of said grooves, said bottom surface continuing in substantially the same depth toward and down to said edge.

2,063,053
RESPIRATOR
Daniel H. Roche, Kansas City, Mo.
Application February 11, 1933, Serial No. 656,339
7 Claims. (Cl. 128—148)



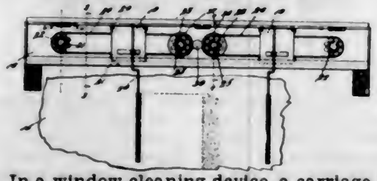
1. In a respirator, a member adapted to be connected to the nose, said member including a resilient frame having a portion adapted to be engaged with the nose partition and formed with substantially horizontally extending eyes and substantially vertically extending eyes, arms carried by the substantially horizontally extending eyes and adapted to be engaged with the side walls of the nose and with the lip of the wearer, said arms being slidably and rotatably mounted in the eyes and frictionally held therein, rods rotatably mounted in the vertically extending eyes, extensions on the vertically extending eyes and engageable with said rods for preventing sliding movement thereof and filtering members carried by the rods.

2,063,054
ROOM FRONT CONSTRUCTION FOR SAND BLASTING APPARATUS
William A. Rosenberger, Hagerstown, Md., assignor to Pangborn Corporation, Hagerstown, Md., a corporation of Maryland
Application May 2, 1934, Serial No. 723,552
13 Claims. (Cl. 51—8)



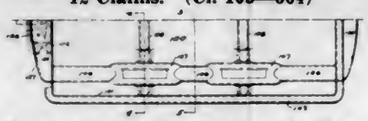
1. In a room front construction, upper and lower members disposed substantially in a vertical plane, said members being vertically spaced to provide a horizontally extending opening therebetween, a horizontally extending window disposed in said opening and mounted for rocking movement about a horizontal axis; an abrasive baffling curtain connected to said window and depending downwardly therefrom into a position immediately adjacent the rear face of lower member when said window is closed, said window being operable to lift and also move said curtain further to the rear of said lower member when said window is opened.

2,063,055
WINDSHIELD WIPER
William B. Shaw, Providence, R. I.
Application January 2, 1932, Serial No. 584,401
16 Claims. (Cl. 15—253)



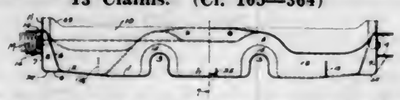
1. In a window cleaning device, a carriage having a slot therein, means for guiding said carriage in a rectilinear path substantially parallel to the surface of the window to be wiped, a traveling belt provided with a pin extending in said slot for moving said carriage, a wiper arm hinged to said carriage for movement in a plane perpendicular to the window to be wiped, electrical means in the path of travel of said wiper and controlled by the carriage to move the wiper arm to swing the same relative to said carriage during a portion of the path of travel of said carriage in one direction.

2,063,056
CAR STRUCTURE
William M. Sheehan, Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill., a corporation of Delaware
Application February 23, 1932, Serial No. 594,687
12 Claims. (Cl. 105—364)



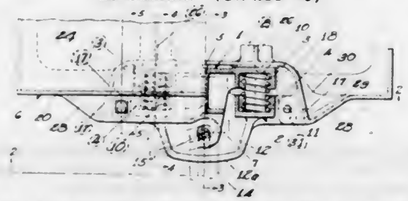
1. In a car underframe, an end sill, a floor-forming seamless web having an upwardly recessed wheel receiving portion of restricted length and a reinforcing corrugation of U-shape connecting said sill and said recessed portion.

2,063,057
CAR
William M. Sheehan, Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill., a corporation of Delaware
Application June 11, 1932, Serial No. 616,673
13 Claims. (Cl. 105—364)
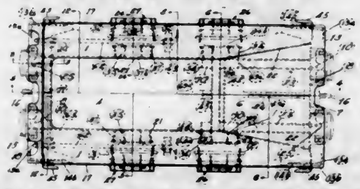


1. In a vehicle of the class described, a floor, and an end sill comprising inner and outer substantially upright webs, the lower portion of said inner web merging with said floor, upright braces between said webs having flanges at their lower portions for connecting the lower portions of said webs and reinforcing longitudinally extending corrugations in said floor corresponding substantially in depth to said upright braces.

2,063,058
VEHICLE END CONSTRUCTION
William M. Sheehan, Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill., a corporation of Delaware
Application October 3, 1932, Serial No. 635,904
16 Claims. (Cl. 213—9)



14. In a combined draft and buffing gear for a car, the combination with a supporting casing on the car; of a yoke extending into said casing, said yoke having top and bottom arms; a hollow buffing head telescoped within the casing and enclosing said arms, said head having means thereon for guiding the yoke arms for sliding movement; cushioning means yieldingly opposing relative movement of said buffing head and yoke; and means connected to the yoke arms for coupling the car to another car.

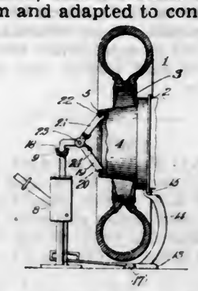
2,063,059
MINE CAR
William M. Sheehan, Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill., a corporation of Delaware
Application April 27, 1933, Serial No. 668,258
24 Claims. (Cl. 105—364)



2. In a vehicle of the class described, upwardly and outwardly extending flooring including laterally spaced parts at different levels, a wheel and an axle, and pedestals projecting from said parts and having spring seats disalined longitudinally and transversely of the vehicle and forming a three-point support for the flooring adjacent each wheel.

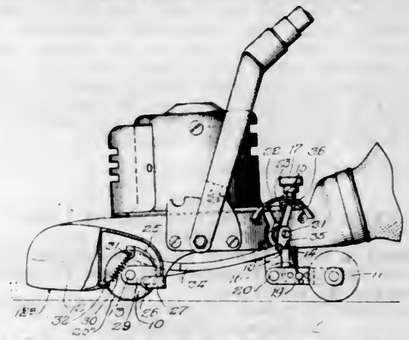
2,063,060
LIFTING BRACKET FOR AUTOMOBILE JACKS
Robert Le Roy Sheetz, Independence, Mo., assignor to Master Appliances, Incorporated, a Corporation of Missouri
Application February 28, 1935, Serial No. 8,691
5 Claims. (Cl. 254—133)

1. A bracket for use with lifting jacks comprising a foot portion adapted to rest on the top of a lifting jack, an arm extending from said foot portion and adapted to detachably engage a vehicle wheel, and a second arm pivoted to said first arm and adapted to contact the vehicle



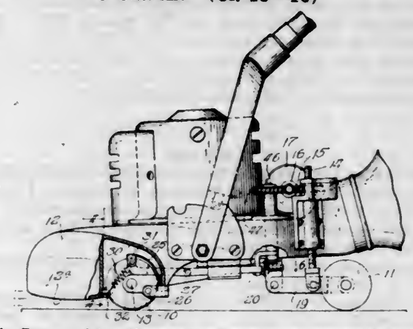
wheel at a point spaced from said first named arm.

2,063,061
SUCTION CLEANER
Charles H. Sparklin, Chicago, Ill., assignor to Birtman Electric Company, Chicago, Ill., a corporation of Illinois
Application October 7, 1935, Serial No. 43,953
8 Claims. (Cl. 15—16)



1. In a suction cleaner having supporting wheels, a pilot adapted to float substantially on the surface of the material being cleaned, and means operated by said pilot for indicating the degree of sink of one of said wheels into said material below its surface.

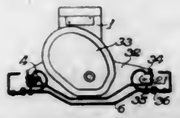
2,063,062
SUCTION CLEANER
Charles H. Sparklin, Chicago, Ill., assignor to Birtman Electric Company, Chicago, Ill., a corporation of Illinois
Application October 10, 1935, Serial No. 44,432
8 Claims. (Cl. 15—16)



1. In combination with a suction cleaner having

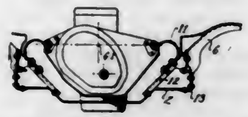
supporting wheels and a nozzle vertically adjustable with respect to the surface of the material being cleaned, means for automatically adjusting said nozzle by and in accordance with the degree of sink of one of said wheels into said material below its surface.

2,063,063
EYED C-SPRING POWER PLANT MOUNTING
Rolland S. Trott, Denver, Colo., and Benjamin A. Swennes and Kay Miller, Rockford, Ill.; said Swennes and said Miller assignors to said Trott
Application May 27, 1933, Serial No. 673,289
5 Claims. (Cl. 248—7)



1. In a motor vehicle, the combination of an engine unit having a crankshaft, and at least two longitudinally spaced resilient mounting structures supported by the vehicle and supporting the engine unit for oscillatory movement about a longitudinal axis extending approximately through the center of mass of the engine unit, the mounting structure adjacent the front end of the engine unit being metallic and yieldable in all transverse directions and having a pivotal connection with the engine unit approximately at the height of the engine crankshaft.

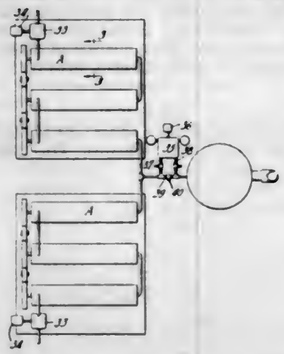
2,063,064
EYED AXIS-LOCATING ENGINE UNIT MOUNTING
Rolland S. Trott, Denver, Colo., and Wilbur Vincent Thelander, Rockford, Ill.; said Thelander assignor to said Trott
Application November 18, 1933, Serial No. 698,720
11 Claims. (Cl. 248—7)



11. In a motor vehicle, the combination of an engine unit, and at least two longitudinally spaced resilient mounting structures supported by the vehicle and supporting the engine unit for oscillatory movement about a longitudinal axis extending through the center of mass of the engine unit and intersecting the crankshaft axis adjacent the rear end of the engine unit, the mounting structure adjacent the front end of the engine unit being metallic and having a pivotal connection with the engine unit approximately at the height of the axis of oscillation.

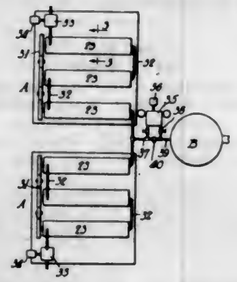
2,063,065
APPARATUS FOR PROCESSING MATERIAL
Clarence W. Vogt and William E. Snyder, Louisville, Ky., assignors, by mesne assignments, to The Girdler Corporation, Louisville, Ky., a corporation of Delaware
Application October 15, 1930, Serial No. 488,808
16 Claims. (Cl. 62—114)

1. An apparatus for treating material to change the condition thereof, including a pair of walls spaced apart to form a passage therebetween, means for refrigerating one of said walls, a pair of separate scrapers in said passage, one engaging



one of said walls and the other engaging the other, and means for causing a continuous stream of material to flow through said passage.

2,063,066
METHOD AND APPARATUS FOR PROCESSING MATERIAL
Clarence W. Vogt, Louisville, Ky., assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky., a corporation of Delaware
Application December 13, 1932, Serial No. 646,967
19 Claims. (Cl. 62—114)

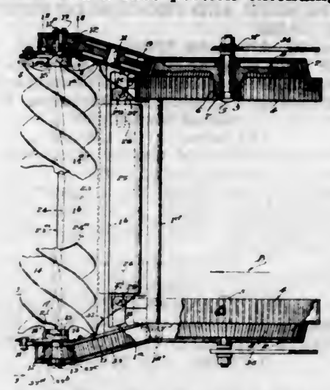


1. The process of treating material, including positively forcing a continuous stream thereof through a processing chamber, refrigerating the material while passing therethrough, agitating the material during its passage, thereafter passing the material through a second processing chamber at a slower rate, and applying sufficient refrigeration to the second chamber to limit rise in temperature during crystal formation therein.

2,063,067
LAWN MOWER
John A. Waller, Beverly Hills, Calif.
Application August 29, 1932, Serial No. 630,831
3 Claims. (Cl. 56—252)

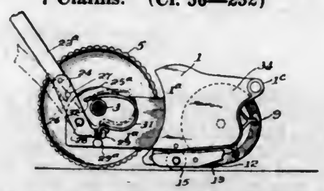
1. In a lawn mower, a rotatable cutter having a plurality of helically disposed cutting blades provided with cutting faces disposed forwardly in the direction of rotation of said cutter; a stationary cutter positioned to engage said rotatable cutter blades at the outer edges of said cutting faces, the cutting face on each rotatable cutter blade having a plurality of saw-tooth-shaped grass-engaging serrations providing opposing face

portions comprising an abrupt laterally disposed face portion and a face portion extending sub-



stantially in the direction of travel of said cutting face.

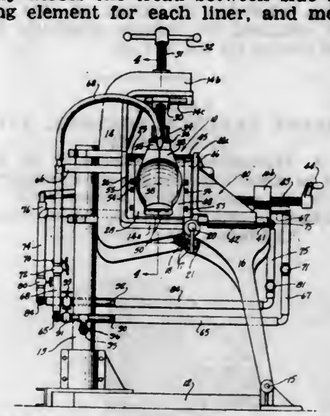
2,063,068
LAWN MOWER
John A. Waller, Beverly Hills, Calif.
Application December 17, 1934, Serial No. 757,740
7 Claims. (Cl. 56—252)



1. In a lawn mower provided with a transversely extending axle member defining an axis, driving wheels mounted on the respective ends of said axle member and rotatable about said axis, a supporting structure mounted on said axle member for pivotal movement about said axis and having a portion extending forwardly of said axis, cooperating fixed and rotatable cutter means mounted on said supporting structure and extending transversely there-across at the forward end thereof, a handle structure which comprises: handle means pivotally mounted on said supporting structure adjacent but downwardly and rearwardly of said axis and extending upwardly and rearwardly therefrom, and spring means having one end secured to said supporting structure at a point removed from said axis and having its other end resiliently engaging said handle means, said spring means being positioned to bias the forward end of said supporting structure including said fixed and rotatable cutter means upwardly about said axis upon movement of the rearwardly extending portion of said handle means in a downward direction.

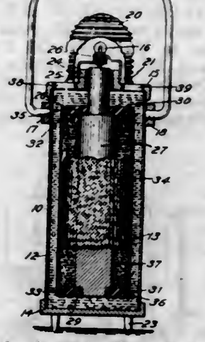
2,063,069
TIRE VULCANIZING APPARATUS
Herbert K. Wheelock, Long Beach, Calif.
Application January 16, 1934, Serial No. 706,844
8 Claims. (Cl. 18—18)

1. In apparatus of the character described, a tire mold having tread and side mold sections adapted to enclose a segment of a tire, comprising heat conducting side liners to extend across the tire side walls from beneath the bead to the tread, a heat conducting tread liner to extend entirely across the tread between side liners, a heating element for each liner, and means for



applying heat to the heating elements of selected liners to heat a tire segment completely across the tread or completely across a selected side wall.

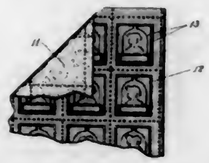
2,063,070
GENERATOR
Gunnar A. F. Winckler, Worcester, Mass., assignor to Winckler Engineering Laboratories Incorporated, Boston, Mass., a corporation of Massachusetts
Application February 26, 1934, Serial No. 712,909
4 Claims. (Cl. 136—100)



1. A method of controlling and energizing a voltaic cell circuit, which circuit includes a simple voltaic cell consisting of a container and having fixed electrodes and having a free space between said electrodes intended to eliminate switches and a translating element permanently and directly connected electrically to the electrodes of the cell, consisting of the steps of energizing the circuit at will by filling the container from the exterior, without disturbance of the relative parts of the apparatus, with a fresh liquid electrolyte, and deenergizing and breaking the circuit at will by emptying the electrolyte from the container without disturbance of the relative parts of the apparatus, removal of the electrolyte being accompanied by the elimination of the electro-potential gradient between the electrodes, energization of the circuit being attended by at least partial polarization of the cell, and

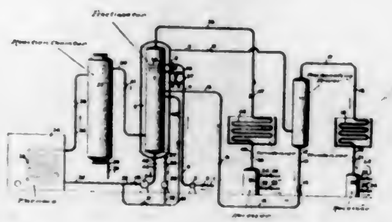
exposing the electrodes to air following removal of the electrolyte from the cell to depolarize said electrodes, whereby, by virtue of this control there is obtained an infinite shelf-life to the source of energy for the circuit.

2,063,071
SAFETY REVENUE, POSTAGE, AND LIKE STAMP
Arthur A. Wittnebel, New Rochelle, N. Y., assignor to American Bank Note Company, New York, N. Y., a corporation of New York
Application February 14, 1935, Serial No. 6,472
11 Claims. (Cl. 91—67.95)



1. Safety revenue, postage and like stamps, consisting of a sheet of paper, one surface of which is adapted to receive an adhesive, a finish upon the other surface thereof containing a water soluble chemical and having a design impressed thereon, said design being in an ink containing a water insoluble pigment, a water soluble chemical capable of reacting with the chemical in the finish of the paper to produce a color smudge upon the paper, and a vehicle.

2,063,072
PROCESS AND APPARATUS FOR TREATING HYDROCARBON OILS
Joseph G. Alther, Chicago, Ill., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application October 31, 1930, Serial No. 492,386
Renewed October 17, 1935
5 Claims. (Cl. 196—48)

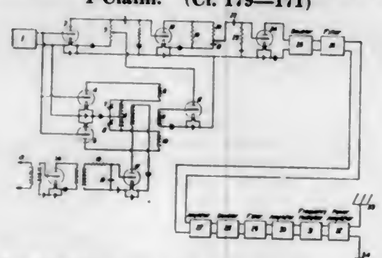


1. An apparatus for use in oil distillation comprising a cracking system, a fractionating column forming an element in said system, a shell surrounding said column and adapted to receive cold oil therein in heat exchange relationship with the vapors in the column, an oil inlet passage in the shell, a vapor outlet passage and a liquid outlet passage in the shell adapted to permit removal of the heated hydrocarbon products, a second fractionating column connected with the vapor outlet passage, said column having a connection with the first named fractionating column to permit the passage of reflux condensate from the second to the first named fractionating column, and final condensing means communicating with said columns.

2,063,073
AQUEOUS DISPERSIONS OF HYDROGENATED RUBBER AND PROCESS OF PREPARING THE SAME
Alfonso M. Alvarado, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application December 13, 1934, Serial No. 757,309
13 Claims. (Cl. 134—17)

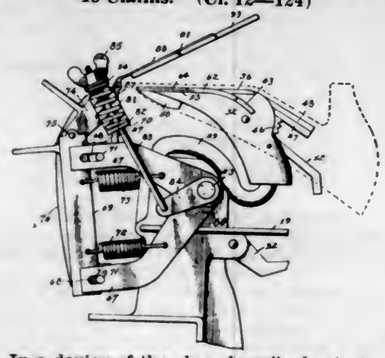
2. A composition of matter comprising a suspension of hydrogenated rubber of an iodine number not exceeding 15, a dispersing agent, and a protective colloid in an aqueous medium, said composition being resistant to degradative oxidation by air.

2,063,074
RADIO TRANSMITTING SYSTEM
Edwin H. Armstrong, New York, N. Y.
Application September 14, 1935, Serial No. 40,542
1 Claim. (Cl. 179—171)



The combination with a system for producing frequency modulated waves, comprising a source of fixed phase and frequency, a carrier suppression modulation system for producing two side bands, and means for combining the side bands with a current derived from the source of fixed phase and frequency in proper phase relation to produce the frequency modulated wave, of means for equalizing the asymmetry produced in the side bands by the carrier suppression system, the frequency characteristic of which is substantially the converse of that of the carrier suppression system, and means for passing the side band currents through the said equalizing means, so as to produce substantial equalization of the amplitude of the side bands.

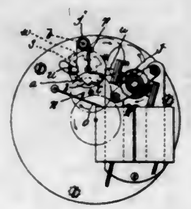
2,063,075
SHOE PRESS LAST
Guy O. Baker, Friend, Nebr.
Application August 29, 1934, Serial No. 741,943
15 Claims. (Cl. 12—124)



1. In a device of the class described, a last com-

prising longitudinal sections, each of said sections being adjustable as to length; means for supporting each section to swing about a vertical pivot; means for pivotally supporting each of said pivots whereby the sections of said last may be moved toward and from each other; yieldable means supported between the sections of said last to maintain them in their separated positions; and means for limiting the outward movement of said sections.

2,063,076
ELECTRICALLY OPERATED SIGNAL
Werner H. Balzer, Waltham, Mass., assignor to Waltham Watch Company, Waltham, Mass., a corporation of Massachusetts
Application August 30, 1933, Serial No. 687,453
11 Claims. (Cl. 58—26)

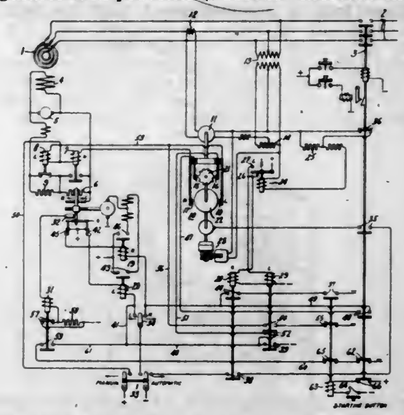


1. A signal comprising the combination of an electromagnet, a vibrator mounted so near to one of the poles of said magnet as to be vibrated in response to the changes of polarity when free thus to vibrate and said magnet is energized by an alternating current, an abutment arranged to be engaged by the vibrator, in swinging toward the magnetpole, at a point short of contact with said pole, and a lock attracted by the energized magnet to hold the vibrator in a withdrawn position from said pole, but being made inoperative when the magnet becomes dead and then leaving the vibrator free to be so vibrated upon resumption of current flow after an interruption.

3. An electric signal designed to effect an indication upon resumption of current flow after an interruption in such flow which comprises an electromagnet adapted to be energized by alternating current, a signal-causing member operable by the alternating flux of said magnet, and a lock for said signal-causing member influenced by the flux of said magnet to hold the signal-causing member out of action when current is normally flowing through the field coil of the magnet, said lock being rendered inoperative when the current flow ceases, and then leaving the signal-causing member in condition to be operated by the flux of the magnet when current flow is resumed.

2,063,077
ELECTRICAL REGULATING SYSTEM
Herman Bany, Lansdowne, Pa., and Robert N. Slinger, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York
Application April 23, 1935, Serial No. 17,876
6 Claims. (Cl. 171—119)

1. In combination, a dynamo-electric machine, a regulator for said machine of an operating condition thereof other than voltage, and over-voltage responsive means for incapacitating said regulator and preventing further increase in the



voltage of said machine in response to the attainment of a predetermined overvoltage.

2,063,078
FINISHING SYSTEM
Harold J. Barrett, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 26, 1933, Serial No. 668,037
7 Claims. (Cl. 91—68)

4. Process of finishing wood and metal surfaces which comprises applying a pyroxylin enamel to the suitably prepared surface, allowing the enamel to dry, and applying thereover a clear polymerized methyl methacrylate lacquer.

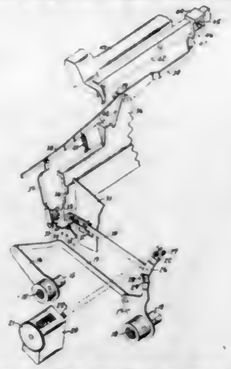
2,063,079
PROCESS FOR MAINTAINING OR REGULATING THE EFFICACY OF CYANIDE MELTS
Walter Beck, Frankfort-on-the-Main, and Klaus Bonath, Cronberg-in-Taunus, Germany
No Drawing. Application August 4, 1933, Serial No. 683,584. In Germany August 13, 1932
6 Claims. (Cl. 148—15)

3. A fused salt bath containing alkali metal cyanide for carburizing ferrous metals at temperatures below incipient fusion containing a meta-silicate.

2,063,080
COUNTER CONTROL FOR CALCULATING MACHINES
Raymond A. Christian, Dayton, Ohio, and Emil J. Ens, Newark, N. J., assignors to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland
Application December 12, 1930, Serial No. 501,913
10 Claims. (Cl. 235—60)

2. In a machine of the class described having a traveling carriage, a tappet on the carriage, a counting device and actuator mechanism therefor, the combination of a regularly excursioned driving means cooperating with the actuator mechanism, means to move the actuator mechanism when the driving means is operated, a latch, a control member on one element of the actuator mechanism adapted to cooperate with the latch, a link pivoted to the latch, a lever pivoted at its middle portion to the machine frame and at one end to the link, an extension project-

ing upwardly from the other end of the lever, to coact with said tappet so that movement of the carriage into a predetermined position will be



effective to move the latch to control the operation of the actuator mechanism when the driving means is operated.

2,063,081

MOLDED CUSHION

Franklin O. Church, Buffalo, N. Y., assignor to Dunlop Tire & Rubber Corporation, Buffalo, N. Y., a corporation of New York

Application April 25, 1936, Serial No. 76,310

5 Claims. (Cl. 155—179)



1. A cushion of cellular resilient material comprising a top slab of said material and intersecting vertical walls beneath said slab, said walls being thicker at the midpoint between successive wall intersections.

2,063,082

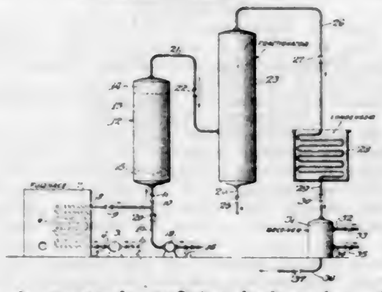
TREATMENT OF HYDROCARBON OIL

Roland B. Day, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Application May 25, 1932, Serial No. 613,518

Renewed May 20, 1935

5 Claims. (Cl. 196—39)



1. A process for refining hydrocarbon oil to remove color and reduce the gum and sulphur content thereof, which comprises subjecting the same at elevated temperatures substantially above its normal initial boiling point to the action of hydrochloric acid in the presence of a chloride of a metal electropositive to hydrogen and a chloride of a metal electronegative to hydrogen under sufficient pressure to preclude substantial normal vaporization and maintain a substantial portion of the oil in liquid phase during the treatment.

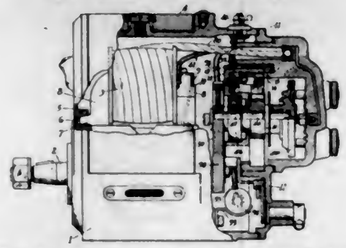
2,063,083

CONSTRUCTION FOR MAGNETO ELECTRIC GENERATORS

Le Roy S. Dunham, East Orange, and Harry G. Smith, Jr., Union, N. J., assignors to Edison-Splitdorf Corporation, West Orange, N. J., a corporation of New Jersey

Application July 10, 1935, Serial No. 30,656

20 Claims. (Cl. 171—209)



1. For an ignition generator having a relatively stationary induction coil with means for sending flux therethrough; a member adapted to constitute a partial enclosure for the generator, and itself carrying a housing portion, a distributor block having spaced contacts and forming with said housing portion a chamber, a shaft carried by said housing portion, a distributing disc carried by said shaft and having a contact in cooperative relation with the contacts in said block, circuit breaker mechanism mounted on said housing portion within said chamber, a cam carried by said shaft to cooperate with said breaker mechanism, means carried by said shaft outside of and adjacent said housing portion for turning said shaft, and means for making electrical connections to the proper parts of the circuit breaker and distributor block.

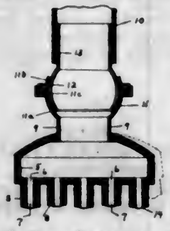
2,063,084

SCALP INVIGORATOR

William P. Farnon and Hugh J. Farnon, San Diego, Calif., assignors of one-half to William A. Monten, Los Angeles, Calif.

Application June 26, 1933, Serial No. 677,636

6 Claims. (Cl. 128—297)



1. A device of the character described comprising a hollow body member, one side of which is substantially flat and the opposite side dome-shaped with a smooth dome-shaped interior surface, said body member having an opening at

the center of the dome-shaped side through which the air within the member may be drawn, a plurality of nipples projecting from the flat side of the body member, each of said nipples having a duct therethrough communicating at its inner end with the hollow of the member and opening at its outer end at the end of the nipple, a ferrule projecting through the opening in the body member and terminating substantially at the interior dome-shaped surface, whereby the air has a smooth and unobstructed path to the interior of said ferrule, and means connected with the ferrule for drawing the air from the body member, the cross-sectional area of the passage through the ferrule being as great as the aggregate of the cross-sectional areas of the ducts through the nipples, and the walls of the nipples being of such thickness relative to the lengths of the nipples that the latter will not collapse under suction or flex when in use.

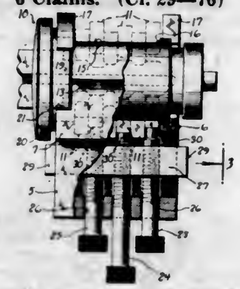
2,063,085

CODING JIG FOR LOCK CYLINDERS

John W. Fitz Gerald, Milwaukee, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware

Application July 13, 1935, Serial No. 31,246

6 Claims. (Cl. 29—76)



1. A jig for fitting an uncoded lock cylinder to a given key by cutting off the projecting ends of its tumblers, comprising a U-shaped body having a cylinder receiving opening formed by complementary grooves in the inner faces of its arms and tool guiding surfaces on the ends of the arms, said grooves being so positioned with respect to said tool guiding surfaces that the plane on which said tool guiding surfaces lie intersects the diameter of a cylinder disposed in said opening substantially in line with the edges formed by the intersection of the tumbler receiving chambers' outer side edges, with the outer diameter of the cylinder so that the projecting ends of tumblers in said chamber may be cut off flush with said edges of the tumbler receiving chamber by a tool guided on said surfaces, and means cooperating with projecting portions on the cylinder to hold the cylinder in a predetermined position of rotation with respect to the guide surfaces.

2,063,086

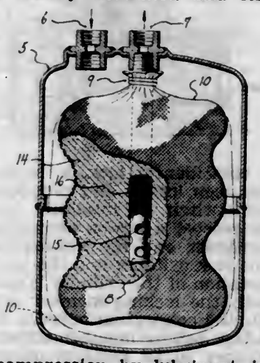
FILTER

John W. Fitz Gerald, Milwaukee, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware

Application August 9, 1935, Serial No. 35,502

2 Claims. (Cl. 210—131)

2. A filter device connectible with a pressure lubricating system of an internal combustion engine and comprising a casing having an inlet connectible with the lubricating system to receive lubricant under pressure and an outlet for filtered lubricant, a hollow perforated core connected with the outlet and disposed wholly within the casing, a fabric bag disposed within the casing with the perforated portion of the core inside the bag, and loose material filling the bag around the perforated core, said material being capable of a filtering action and being inherently resilient and loosely packed in the bag so that the bag is readily deformed and its contents



placed in compression by lubricant introduced into the casing under pressure and passing through the bag contents to the perforated core, and whereby fluctuations in fluid pressure within the casing results in expansion and contraction of the bag contents due to its inherent resiliency to cause internal motion of the bag contents so that different portions of the bag contents are constantly presented to the inside surface of the bag.

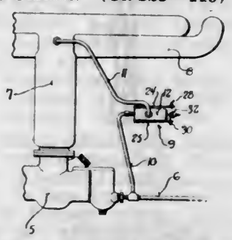
2,063,087

AUTOMATIC PRIMER FOR INTERNAL COMBUSTION ENGINES

John W. Fitz Gerald, Milwaukee, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware

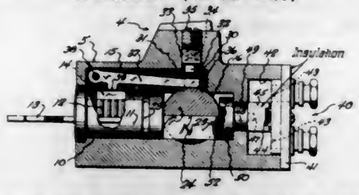
Application March 12, 1934, Serial No. 715,133

9 Claims. (Cl. 123—119)



1. An automatic priming device of the character described comprising a body having a fuel passage therein, a valve within the body to close said fuel passage, means for yieldingly urging the valve to open position, a valve stem for the valve having a part projecting to the exterior of the body, engine suction operated means within the body and connected with said valve stem to close the valve, and temperature responsive means mounted on the exterior of the body and operably associated with the valve stem to regulate the opening of the valve by its yieldable urging means in accordance with temperature changes in the region in which said body is mounted and to prevent closing of the valve by engine suction until a predetermined ambient temperature has been reached at said region.

2,063,088
COINCIDENTAL LOCK
John W. Fitz Gerald, Milwaukee, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware
Application December 8, 1934, Serial No. 756,630
15 Claims. (Cl. 70—127)



1. In a coincidental lock, a locking member movable between locked and unlocked positions, an ignition switch, a rotatable lock cylinder adapted to receive a key, a connection between the lock cylinder and the locking member and between the lock cylinder and the ignition switch whereby rotation of the cylinder is capable of actuating both the locking member and the ignition switch, the connection between the lock cylinder and the locking member allowing rotation of the cylinder to its position opening the ignition switch without affecting the position of the locking member when in its unlocked position but being such that when in its locked position opposite rotation of the cylinder moves the locking member to unlocked position and simultaneously closes the ignition switch, and releasable means for holding the locking member in its unlocked position independently of the lock cylinder.

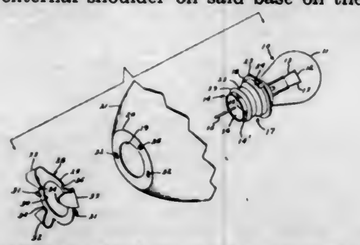
2,063,089
TROUSERS SUSPENDERS
Samuel M. Friedman, Brooklyn, N. Y.
Application May 25, 1935, Serial No. 23,389
4 Claims. (Cl. 24—74)



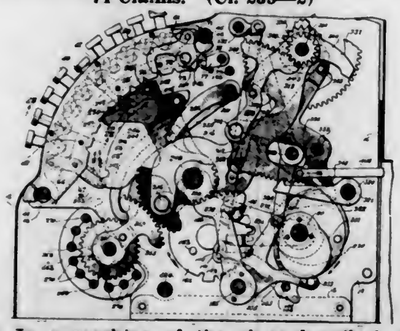
1. A suspender strap buckle comprising a central substantially Z-shaped member having the edges of its opposite ends toothed, a buckle shield rotatably mounted on each end of said member with the shield portion thereof bridging said toothed edge, whereby a strap may be threaded between said toothed edges and said shields.

2,063,090
ELECTRIC LAMP AND MOUNTING THEREFOR
Walter J. Geiger, Cleveland Heights, and Alfred T. Gaskill, Cleveland, Ohio, assignors to General Electric Company, a corporation of New York
Application April 6, 1933, Serial No. 664,748
4 Claims. (Cl. 240—41)

1. The combination of a reflector having a lamp base opening therein, with a lamp comprising a bulb and a base having a portion of substantially the same diameter as said opening with a lateral projection thereon forming an external shoulder seating directly in said reflector opening, said lateral projection engaging one side of the margin around the said opening in said reflector, another external shoulder on said base on the opposite side of said reflector, and a spring disposed between said reflector and said second mentioned shoulder and exerting a pressure axially of the lamp to hold said lateral projection against said reflector margin.



2,063,091
CASH REGISTER
Charles W. Green, Ilion, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland
Application March 27, 1931, Serial No. 525,630
74 Claims. (Cl. 235—2)

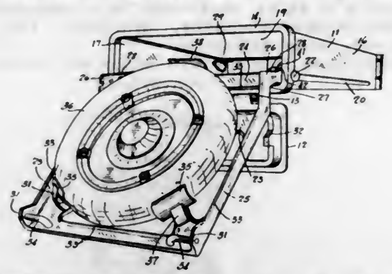


1. In a machine of the class described, the combination of a plurality of keys, cams provided at the lower end thereof, a differentially movable member, a driver therefor, a latch pawl normally connecting said differentially movable member directly to said driver, means provided in said pawl for engaging the cam portion of a key when the latter has been depressed to disengage said differential member from said driver.

73. In a machine of the class described, a rotatable reel, totalizers mounted in said reel, a member for controlling the operation of said reel in item entering and total taking operations of the machine, a plurality of keys, mechanism differentially controlled by said keys for selecting said totalizers during item entering operations, and manually operable means for directly selecting said totalizers during total taking operations.

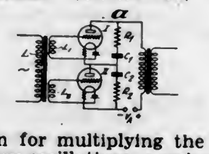
2,063,092
TIRE CARRIER
John J. Groden, Philadelphia, Pa.
Application December 27, 1934, Serial No. 759,333
8 Claims. (Cl. 224—29)

7. A tire carrier comprising a compartment, a cradle movable slidably into and out of said compartment, and means carried by the cradle cooperating with a member on the wall of the compartment for automatically clamping the tire when said cradle is inserted in said compartment,



and releasing the tire when said cradle is withdrawn from said compartment.

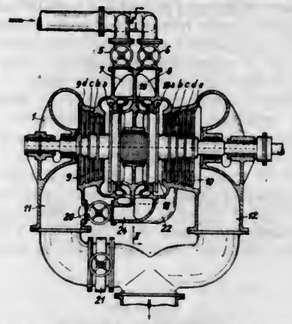
2,063,093
FREQUENCY MULTIPLIER CIRCUITS
Herbert Gutmann, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Original application March 6, 1931, Serial No. 520,541. Divided and this application August 19, 1933, Serial No. 685,916. In Germany April 23, 1930
4 Claims. (Cl. 250—36)



1. In a system for multiplying the frequency of radio frequency oscillations, a pair of thermionic rectifier tubes each having an anode, a cathode and a control grid, circuits for applying said oscillations, the frequency of which is to be multiplied between the control grid and cathode of each tube, the phase of the applied oscillations being reversed by one of said circuits so that one of said tubes operates on one half cycle of the applied oscillations while the other tube operates on the other half cycle of the applied oscillations, a connection between the cathode of one of said tubes and the anode of the other of said tubes, an output circuit connected between the anode of one of said tubes and the cathode of said other of said tubes, a circuit including series impedances and reactances connected in parallel with said output circuit and a connection between a point on said last circuit and the connection between said anode and cathode.

2,063,094
TURBINE PLANT
Albert Hänschke, Kiel, Germany, assignor to Fried. Krupp Germaniawerft Aktiengesellschaft, Kiel-Gaarden, Germany
Application December 21, 1934, Serial No. 758,642
In Germany January 9, 1934
5 Claims. (Cl. 60—70)

1. In a steam turbine plant, particularly for a ship's power plant, a double flow high pressure turbine comprising two parts having common supply and exhaust conduits, whereby the steam flows in parallel streams through said parts and the total heat drop across both parts is equal; and means for connecting said two parts in series for low speeds, said turbine parts being designed so that the heat drop per stage is smaller in the last stages of the turbine part last traversed by the steam, in the series connection, than the heat



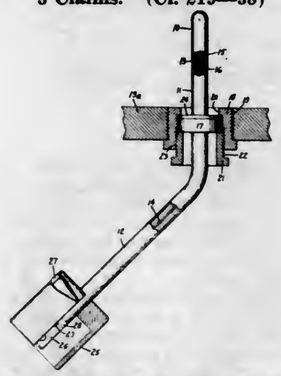
drop per stage in the corresponding stages of the turbine part first traversed by the steam.

2,063,095
STREET-LAMP
George B. Heath and George F. Heath, St. Louis, Mo.
Application March 11, 1935, Serial No. 10,423
5 Claims. (Cl. 240—128)



1. In a lamp structure, a globe having an annularly recessed end portion, and a rubber cushion of ring formation disposed about and embracing the recessed end portion of the globe, said ring-cushion having an inner arcuately depressed portion of relatively increased thickness and laterally extending relatively thin portions integrally formed on each side of the inner portion.

2,063,096
ELECTRICAL HEATING DEVICE
George W. Heinbuch, Toronto, Ontario, Canada, assignor to General Electric Company, a corporation of New York
Application November 2, 1935, Serial No. 47,994
In Canada April 10, 1935
3 Claims. (Cl. 219—38)



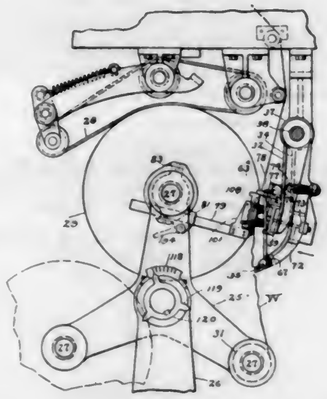
1. An electrical immersion heater for automobile engines and the like comprising a metallic sheath, a member rigidly secured to the outer wall of said sheath intermediate its ends and pro-

jecting outwardly therefrom, a resistance conductor within said sheath on one side of said projecting member, terminal members within said sheath on the opposite side of said projecting member and electrically connected with said resistance conductor, a pair of members engaging opposite sides of said projecting member to clamp it between them, means securing said pair of members in clamping relation with said projecting member, and means adapted to secure one of said clamping members in an aperture provided for it in a wall of said engine so that the portion of said sheath encasing said resistance conductor projects into said engine through said wall, while the terminal members on the other side of said projecting member remain outside of said wall.

2,063,097
THERMOCOUPLE
Otto Hermann, St. Louis, Mo.
No Drawing. Application February 21, 1935, Serial No. 7,569
4 Claims. (Cl. 136—5)

1. A thermocouple element formed from an alloy composed entirely of nickel, copper and molybdenum.

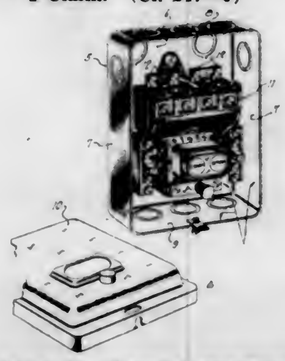
2,063,098
WEB SUPPLY MECHANISM
Albert J. Horton, White Plains, N. Y., assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York
Application February 2, 1934, Serial No. 709,497
47 Claims. (Cl. 242—58)



6. The combination with a web roll of a mechanism rotatable with the roll, a clamping member projecting therefrom and movable into clamped engagement with the free end of the web of the web roll, means for locking same in a clamped position, and other means to release said clamping member.

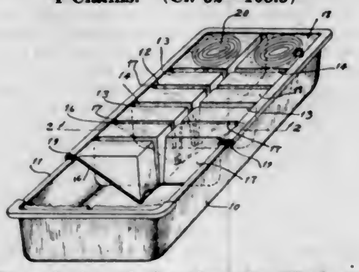
42. In a web supply mechanism for a machine operating upon a web, a support having a running web roll and a replacement roll thereon, a web deflecting member to move the running web against the replacement roll, manually actuated means to move said web deflecting member, a latch member to normally prevent moving said web deflector, and means controlled from said manually actuated means to release said latch.

2,063,099
ENCLOSURE FOR ELECTRICAL DEVICES
Frederick F. Loock, River Hills, Wis., assignor to Allen-Bradley Company, Milwaukee, Wis., a corporation of Wisconsin
Application July 30, 1934, Serial No. 737,614
1 Claim. (Cl. 247—9)



In a cabinet for electrical instrumentalities having an insulated body portion and terminals on the exterior of the body portion, said cabinet comprising a sheet metal box, means for readily determining the location of a circuit break consisting of a light colored surface on the inside walls of the box which is readily discolored by arc burns caused by circuit breaks at or near the terminals.

2,063,100
GRID USED IN CONNECTION WITH ICE TRAYS
Birger Johnsen, Brooklyn, N. Y.
Refiled for abandoned application Serial No. 580,626, December 12, 1931. This application September 22, 1936, Serial No. 102,049
4 Claims. (Cl. 62—108.5)

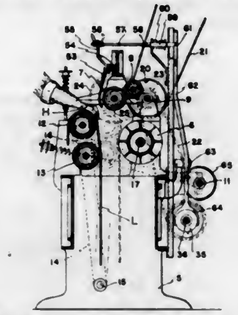


1. In a device of the class described, an ice tray, a grid comprising a plurality of crosswise arranged partitions, semi-partitions transversely disposed between the latter, a cover integral with the said grid, downwardly tapered recesses extending from above through the said cover and into the said partitions and semi-partitions, and a rubber packing mounted upon the edges of the said cover to secure a compact fitting of the latter with the said tray.

2,063,101
SETTING OUT MACHINE
William C. Johnson, Milwaukee, Wis., assignor to Machinery Development Company, Milwaukee, Wis., a corporation of Wisconsin
Application June 27, 1936, Serial No. 87,724
4 Claims. (Cl. 149—8)

1. In a machine of the character described, the combination with the setting out roll and the

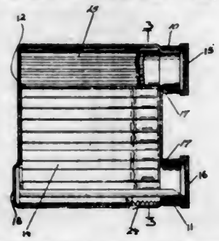
pull out feed roll, of an intermittently rotatable feed roll movable into feeding relation with said pull out roll, means for moving said last named feed roll into such feeding relation including a drive clutch and means for stopping the operation of said last named means in case the operator gets his hand between said pull out roll and said movable feed roll, comprising a movable guard plate projecting in front of said pull out roll and in the path of the hand of the operator, clutch shifting mechanism for said clutch controlled by said guard plate, and a brake acting on said moving means.



2,063,102
POROUS REFRACTORY INSULATING CEMENT
Otis L. Jones, Joliet, Ill., assignor, by direct and mesne assignments, of one-half to The Illinois Clay Products Company, Joliet, Ill., a corporation of Illinois, and one-half to F. E. Schundler & Company, Inc., Joliet, Ill., a corporation of Illinois
No Drawing. Application July 24, 1933, Serial No. 681,961
3 Claims. (Cl. 106—18)

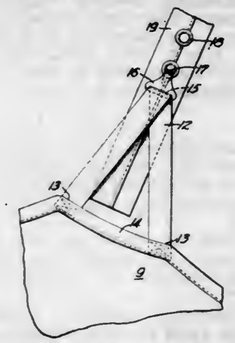
1. A heat resisting cement containing from 60 to 70% of exfoliated vermiculite, 20 to 30% of fire clay, and ½ to 2% of hair, said hair burning out under high temperatures to form numerous voids.

2,063,103
CIGARETTE CASE AND MATCH BOX
Alfred Kaiser, Jersey City, and Paul Niethamer, Secaucus, N. J.
Application March 11, 1933, Serial No. 660,374
5 Claims. (Cl. 206—38)



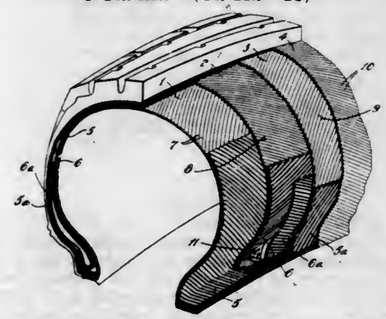
1. In a device of the class described, a watertight cigarette case and match container, the former comprising a separate compartment of a substantially rectangular shape, and having a neck portion forming an outlet from said compartment, strips secured to the walls within said compartment near the end thereof, and a rectangularly shaped trough formed at the end of said compartment for co-operation with said strips, a movable cigarette tray adapted to engage the said strips and trough, a spring having one end secured to the cigarette tray near the front of the latter, and the other end to said neck portion, a closure cap mounted upon the outlet of the latter, said closure cap abutting the cigarette tray, extending the spring, when in closed position.

2,063,104
BRASSIÈRE
Susie Kibbe, Oakland, Calif.
Application November 25, 1935, Serial No. 51,375
2 Claims. (Cl. 2—42)



1. In a brassière, a strip of fabric having each end thereof attached to said brassière to form a loop, a metallic member having an aperture therein disposed in said loop with said fabric strip passing through said aperture, said aperture being smaller than the cross-sectional size of said strip so as to compress the portion of the latter passing through said aperture, said member being provided with a bent portion to provide a hook, a shoulder strap having spaced apertures therein adjacent each end thereof, and metallic eyelets mounted in said apertures in which the hook of said member is engageable.

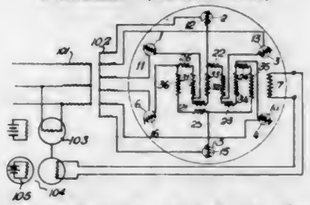
2,063,105
PNEUMATIC TIRE COVER
Frank George William King, Sutton Coldfield, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y., a corporation of New York
Application February 14, 1936, Serial No. 63,859
In Great Britain January 31, 1935
3 Claims. (Cl. 152—13)



1. A pneumatic tire comprising an inextensible bead member, superposed layers of bias cut fabric

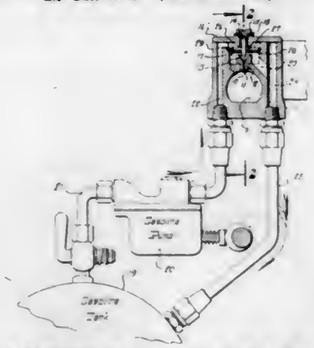
the cords of which cross the mid-plane of the tire at a relatively large acute angle and a plurality of loops of bias cut fabric passing around said bead to form reinforcing elements each contacting at least on one side with one of said fabric layers and each comprising a layer of cords lying side by side at an opposite inclination to the cords of its contacting casing ply, the cords of adjacent elements of said loops being oppositely inclined to one another.

2,063,106
GRID CONTROL MEANS IN ION VALVE APPARATUS
Uno Lamm, Ludvika, Sweden, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden, a corporation of Sweden
Application July 7, 1933, Serial No. 679,344
In Sweden July 9, 1932
5 Claims. (Cl. 175—363)



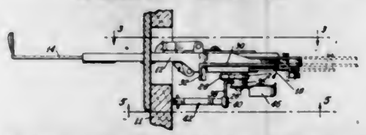
1. In ion valves, a cathode, a plurality of anodes, control grids for said anodes, in contact with the gaseous current paths between said anodes and cathode, and means interconnecting said grids and capable of introducing a potential difference therebetween capable of regulation in phase and determining essentially the potential of the grids belonging to occasionally non-active anodes, no effective metallic or other solid electrical connection being provided between said grids and said anodes or cathode.

2,063,107
CARBURETOR
Perry E. Mack, Milwaukee, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware
Application February 9, 1935, Serial No. 5,788
12 Claims. (Cl. 261—36)



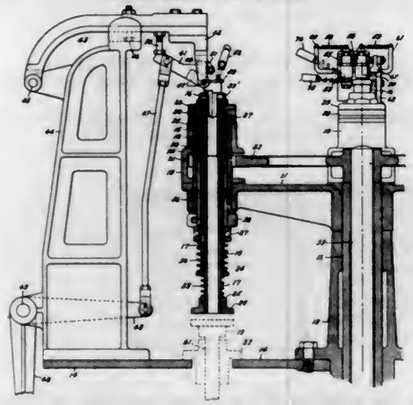
1. In a floatless carburetor, a body formed with an air passage and means for introducing a metered quantity of fuel into the air passage comprising inner and outer chambers, one within the other, an orifice leading from the bottom of the inner chamber to the air passage to drain fuel from said inner chamber into the air passage, means for draining excess fuel from the outer chamber at a point beneath the open top of the inner chamber, and means for constantly conducting fuel into the inner chamber at a rate greater than its flow through the orifice whereby said inner chamber is maintained full and excess fuel flows into the outer chamber to be drained therefrom.

2,063,108
VENDING MACHINE AND CONTROL MECHANISM THEREFOR
Frank K. Maitland, Chicago, Ill.
Application June 8, 1936, Serial No. 84,090
2 Claims. (Cl. 194—1)



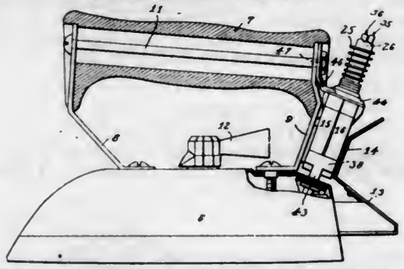
1. A coin control mechanism for vending machines, comprising a frame member, a coin slide movable therein and having a coin-receiving aperture, coin discharge means operably associated with said slide to discharge coins deposited in the said receiving aperture therein for movement into a coin receptacle; a ratchet wheel mounted on said frame for rotation in a plane substantially parallel with and below said coin slide, pawl means on said slide for moving said ratchet wheel responsive to movement of said slide, a deflecting plate carried by and rotatable with said ratchet wheel to deflect movement of coins discharged by said discharge means away from a said coin receptacle.

2,063,109
APPARATUS FOR MAKING ARTICLES OF METAL AND GLASS
Frank J. Malloy, Cleveland Heights, Ohio, assignor to General Electric Company, a corporation of New York
Application January 12, 1935, Serial No. 1,539
4 Claims. (Cl. 49—2)



1. A machine for uniting a glass collar to the end of a metal tube comprising a head for supporting said tube, means for rotating said head about its axis, heating means mounted adjacent said head for heating the end of the metal tube and a glass flare mounted on the end of said tube, a shoe mounted adjacent said head, means for moving said shoe toward said head and along the outer surface of the end of said metal tube whereby it engages a flange portion of said glass flare and folds it against the outer surface of said tube end to form a collar thereon, a pair of cylindrical rollers mounted adjacent each other and also adjacent said head, means for moving said rollers toward said head axially thereof to cause them to engage portions of said glass collar inside and outside of said tube respectively, and means for moving said rollers toward each other to compress said collar portions against said tube.

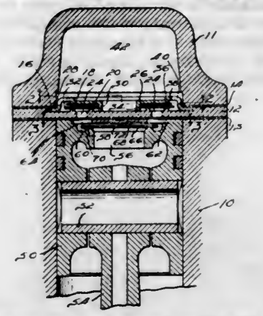
2,063,110
ELECTRICAL APPLIANCE AND PLUG THEREFOR
Michael W. McArdle, Chicago, Ill., assignor to Chicago Flexible Shaft Company, Chicago, Ill., a corporation of Illinois
Application September 7, 1934, Serial No. 743,078
6 Claims. (Cl. 173—332)



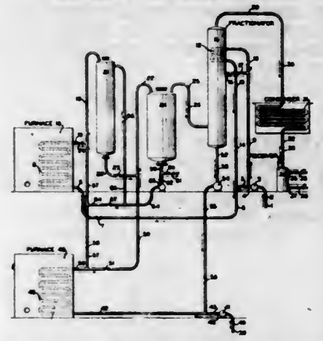
2. A plug for use with electrical appliances having fixed terminal posts, comprising a body of insulating material formed of two substantially identical halves arranged face to face and having recesses in the faces forming sockets, plug jacks in said sockets for the reception of terminal posts of an electrical appliance, and spring clips on the outer surface of said plug at one end thereof for preventing lateral movement of said halves and for urging the halves together to compress the jacks against the terminal posts, said springs carrying depending fingers for spacing the plug from said appliance, and means on the opposite end of said body holding the halves together when said halves are spread by insertion of terminal posts in said jacks arranged for permanent attachment to the appliance for rigidly holding the plug in position on the terminal posts.

2,063,111
VALVE STRUCTURE
Harold R. McPhail, Detroit, Mich., assignor, by mesne assignments, to Copeland Refrigeration Corporation, Mount Clemens, Mich., a corporation of Michigan
Application June 9, 1932, Serial No. 616,287
1 Claim. (Cl. 230—190)

In a compressor, having a cylinder, a cylinder head and a plate therebetween having an opening therethrough and having a planular control portion, the combination of means on the cylinder head side of said plate forming radially spaced valve seats around said opening, a member overlying said plate, means formed adjacent the periphery of said member adapting it to be clamped between said head and plate to thereby fix said member radially of said plate, a collar on said member integral therewith projecting in abutting relation to said planular portion of said plate and positioned radially inwardly of said seats, a disc type of valve surrounding and guided for axial movement on said collar, and spring means interposed between said member and said valve constantly urging said valve toward said seats.



2,063,112
CONVERSION OF HYDROCARBON OILS
Jacque C. Morrell, Chicago, Ill., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application July 24, 1931, Serial No. 552,806
Renewed January 4, 1934
3 Claims. (Cl. 196—58)

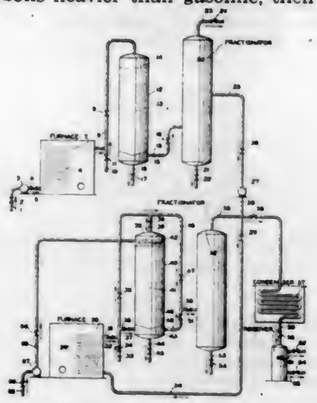


1. In a process of hydrocarbon oil conversion wherein oil is subjected to cracking temperatures and pressures in a primary heating zone, thereafter introduced into a reaction zone for further conversion, the products of reaction discharged from the reaction zone into a vaporizing zone maintained under a substantially reduced pressure and wherein liquids and vapors separate, the latter thereupon subjected to fractionation and the heavier insufficiently converted components of said vapors subjected to recracking in a secondary heating zone of the system, the improvement which comprises passing highly heated oil from said secondary heating zone directly into said vaporizing zone and returning residual liquid products from said latter zone directly and without prior cracking to said reaction zone for further conversion.

2,063,113
TREATMENT OF HYDROCARBON OILS
Jacque C. Morrell, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application August 22, 1934, Serial No. 740,856
4 Claims. (Cl. 196—36)

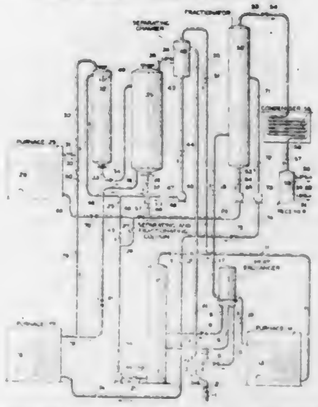
4. A process for refining hydrocarbon oil containing gasoline which comprises desulphurizing

the oil by treatment thereof in vapor phase with hydrogen under conditions such as to convert sulphur compounds contained therein into hydrogen sulphide, fractionating the resulting vaporous product to separate the gasoline from the hydrogen sulphide, hydrogen, hydrocarbon gases and hydrocarbons heavier than gasoline, then elimi-



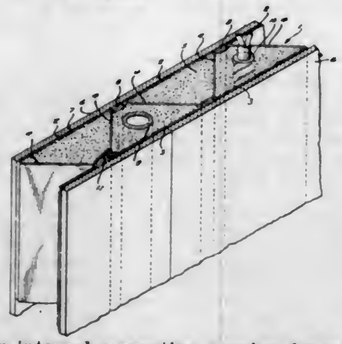
nating gum and color forming substances from the separated gasoline by treatment with polymerizing material selected from the group consisting of hydrochloric acid in contact with metal and heavy metal salts having polymerizing properties, and recovering the thus refined gasoline as the product of the process.

2,063,114
CONVERSION OF HYDROCARBON OILS
Jacque C. Morrell, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application May 29, 1935, Serial No. 24,090
6 Claims. (Cl. 196—49)



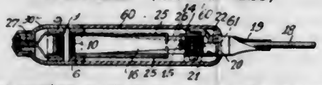
6. A process for the pyrolytic conversion of hydrocarbon oils which comprises subjecting charging stock for the process, comprising a hydrocarbon oil of relatively wide boiling range, to fractional distillation to separate it into selected relatively low-boiling and high-boiling fractions, subjecting said selected low-boiling fractions of the charging stock to pyrolytic conversion in a heating coil, cooling the resulting heated products sufficiently to prevent their excessive further conversion and to remove therefrom undesirable high-boiling components, subjecting the remaining partially cooled vaporous products to fractionation, whereby their components boiling above the range of the desired final light distillate product of the process are condensed as reflux condensate and separated into selected relatively low-boiling and high-boiling fractions, subjecting fractionated vapors of the desired end-boiling point to condensation, recovering the resulting distillate, subjecting the low-boiling fractions of said reflux condensate to conversion conditions of cracking temperature and superatmospheric pressure in a separate cracking zone, introducing the high-boiling fractions of the charging stock and the high-boiling fractions of said reflux condensate into said separate cracking zone, withdrawing the resulting products from the separate cracking zone and introducing the same into enlarged coking chamber, reducing their high-boiling components to coke therein, withdrawing vaporous products from the coking chamber, separating therefrom undesirable high-boiling materials and subjecting the remaining vaporous products to further conversion in the first mentioned heating coil together with said low boiling fractions of the charging stock.

2,063,115
WALL CONSTRUCTION
Charles F. Neergaard, Lake Waccabuc, N. Y.
Application March 29, 1935, Serial No. 13,593
7 Claims. (Cl. 72—16)



3. An internal supporting member for walls or partitions comprising a continuous sheet metal member formed to provide alternate supporting sections for opposite wall surfaces, the adjacent sections on one side being disposed out of contact but near enough together to substantially close the space between them, thereby forming adjacent upright cells adapted to receive prisms of flocculent material deriving their lateral support from walls constituted by said continuous sheet-metal chamber.

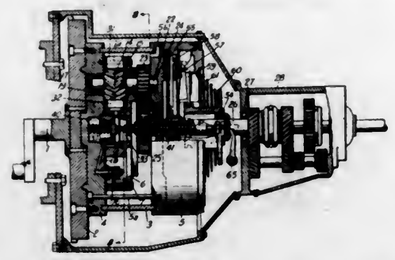
2,063,116
VIBRATORY ELECTRICAL MOTOR
Eric N. Nordhem, Chicago, Ill.
Application October 21, 1933, Serial No. 694,635
6 Claims. (Cl. 172—126)



2. In a motor, a stator core, a rotary armature, means disposed between said stator core and said armature and resiliently connecting the same for biasing said armature in a predetermined direc-

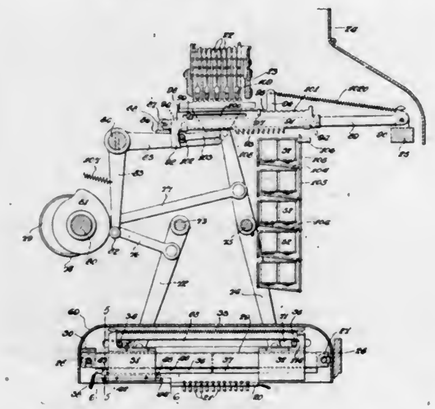
tion, an actuating member connected to said means, and operating means actuated by said member.

2,063,117
MECHANISM FOR TRANSMITTING POWER
Theodore Ongaro, Columbus, Ohio, assignor of two-fifths to Clarence E. Palmer, Bexley, Ohio
Application September 29, 1933, Serial No. 691,512
17 Claims. (Cl. 74—294)



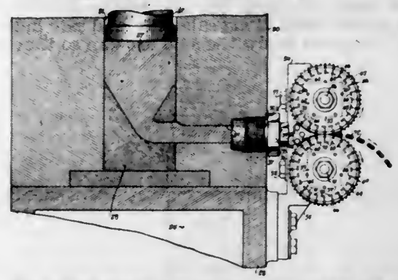
1. A mechanism for transmitting power from a driving shaft to a driven shaft comprising a set of planetary gears, a fluid power transmission mechanism comprising a fluid-containing chamber, a pump, operating in said chamber, a valve seat unit associated with said pump and a valve for cooperation with said valve seat unit, said valve seat unit being of tubular form with ports in its periphery and with an opening in its end and said valve being constructed to cooperate with said ports and to close the opening in the end of said valve seat unit.

2,063,118
TABULATING MACHINE
Robert E. Paris, New York, N. Y.
Application December 7, 1928, Serial No. 324,427
11 Claims. (Cl. 235—58)



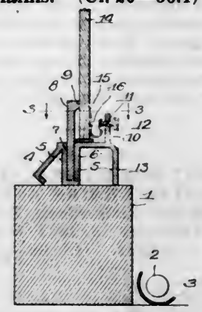
1. The combination of a plurality of denominational series of card controlled elements; a plurality of movable members, one for each series of said elements, and controllable thereby; a denominational series of tabulator stops; and means including settable electric connections whereby any of said members may control selecting of said stops.

2,063,119
APPARATUS FOR PRODUCING SLUGS OF EXTRUDED MATERIAL
Henry J. Pleines, West Haven, Conn., assignor to Winchester Repeating Arms Company, New Haven, Conn., a corporation of Maryland
Application July 9, 1935, Serial No. 30,494
19 Claims. (Cl. 29—33)



1. In combination: an extrusion press having a sizing-passage through which extruded material is forced; and cutting-means controlled directly by the force of movement of the extruded material and serving to sever the same into predetermined lengths.

2,063,120
STORE FRONT CONSTRUCTION
Francis J. Plym, Niles, Mich., assignor to The Kawneer Company, Niles, Mich., a corporation of Michigan
Application June 24, 1935, Serial No. 28,082
8 Claims. (Cl. 20—56.4)

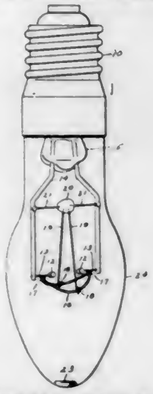


1. A store front construction, comprising a sash member having a stop member and a flange projecting from the inner face thereof, said stop member and flange being laterally spaced apart, the stop member being adapted to have a pane of glass pressed thereagainst, a resilient back member adjacent the flange, and adjustable means mounted on said flange and adapted to seat against said back member for forcing said back member into resilient contact with a pane of glass to grip the glass between the back member and the stop member.

2,063,121
INCLOSED ARC DEVICE
Hans Pulfrich, Berlin-Baumschulenweg, Germany, assignor to General Electric Company, a corporation of New York
Application May 24, 1932, Serial No. 613,233
In Germany June 16, 1931
4 Claims. (Cl. 250—35)

1. An inclosed arc lamp comprising a bulb adapted to transmit ultra-violet light and con-

taining a body of mercury, a pair of leading-in wires sealed in the upper end of said bulb and projecting into the interior thereof, a pair of spaced metallic electrodes inside said bulb and secured one to each of said leading-in wires on opposite sides of the axis of said bulb, the arc gap between said electrodes being substantially perpendicular to said bulb axis and the greatest heat radiation from the arc during operation of the device being along said axis, and said bulb being elongated below the said arc gap so that with



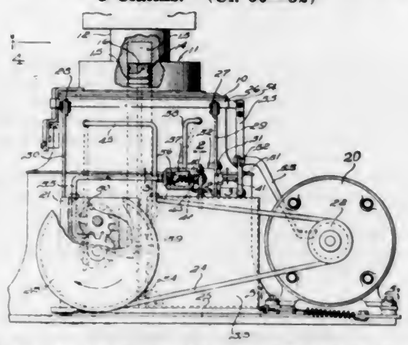
the bulb in a vertical position the distance from the center of said arc gap to the surface of the mercury at the bottom of said bulb is substantially greater than the distance from the center of the arc gap to the side wall of said bulb, said bulb decreasing in diameter for the entire distance between the portion opposite the electrodes and the lower end thereof, the interior of said bulb below said electrodes being substantially unobstructed so as to permit emanations from said arc gap to pass directly through the walls thereof.

2,063,122

ATTACHMENT FOR HYDRAULICALLY OPERATED DENTAL CHAIRS AND THE LIKE

Stanley Henry Richardson, Detroit, Mich.

Application February 13, 1933, Serial No. 656,428
3 Claims. (Cl. 60—52)



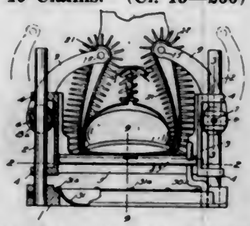
1. In an elevating chair, a base casing, a hydraulic jack and system mounted in the casing, a pedal operated pump housed in the casing and communicating with the system, a power driven auxiliary unit mounted externally of the casing and communicating with said hydraulic jack independently of said pedal operated pump and system, said unit comprising a power driven pressure pump, a sump communicating with said pump, communicating conduits leading from said pump to said jack and from said jack to said pump, and check valves in said conduits externally of said base casing controlling the flow of fluid to and from said jack through said conduits.

2,063,123

SHOE CLEANING DEVICE

Louis Rose, Erie, Pa.

Application October 8, 1932, Serial No. 636,802
10 Claims. (Cl. 15—266)



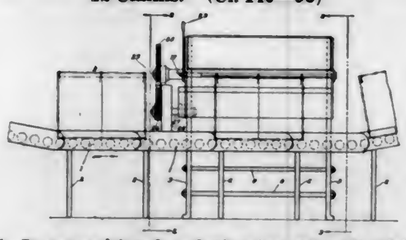
1. In a shoe cleaning device, the combination of a frame; a bar slidably mounted on the frame for vertical movement; vertically extending swinging arms having horizontal axes mounted on the frame at the lower ends of the arms; means yieldingly forcing the upper ends of the arms upwardly and outwardly; flexible cleaning strips mounted on and extending from the upper ends of the arms to the bar; and a scraper on the bar in front of the space between the strips and adjacent thereto, said scraper having an upwardly directed edge whereby it may engage the bottom of a shoe.

2,063,124

MACHINE FOR CLOSING WIREBOUND BOXES

Alfred L. Rosenmund, Rockaway, N. J., assignor to Stapling Machines Co., a corporation of Delaware

Application May 11, 1934, Serial No. 725,171
12 Claims. (Cl. 140—93)



1. In a machine for closing looped ends of box binding wires, the combination of a conveyor for the boxes to be closed, side and top guides for the boxes, and a reciprocating closing bar constructed and arranged to engage and position each pair of looped wire ends as the box is fed into the machine and then simultaneously to bend all of the pairs of looped ends into tensioned hooking engagement.

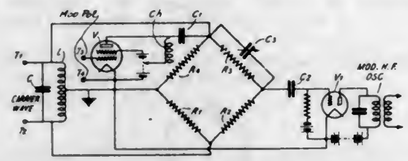
2,063,125

MODULATION SYSTEM

Noël Meyer Rust, Chelmsford, England, assignor to Radio Corporation of America, a corporation of Delaware

Application February 20, 1934, Serial No. 712,102
In Great Britain February 23, 1933
20 Claims. (Cl. 179—171)

1. In a modulation system, a Wheatstone bridge circuit having four arms, an electron discharge valve having electrodes including an anode, a control grid, and a cathode, a circuit connecting the anode to cathode impedance of said valve to one arm of said bridge circuit whereby said impedance forms part of said one arm of said bridge circuit, means for applying operating potentials to the electrodes of said valve where-



by it is caused to have a negative resistance characteristic, means for applying modulating potentials to the control grid of said valve of negative resistance characteristic, means for applying high frequency potentials to be modulated to one diagonal of the bridge and means for taking off modulated high frequency potentials from the other diagonal of the bridge.

2,063,126

RECORDING CHART DEVICE

Cyril G. Schelly, Webster Groves, Mo.

Application April 10, 1935, Serial No. 15,549
12 Claims. (Cl. 40—86)



1. Recording apparatus comprising a hollow back, record leaves hinged in said back, a cover also hinged therein and adapted to expose said leaves in open position and to hold them shut in a closed position, means for normally biasing said cover to open position, an indexing head slidable on said back, said head automatically closing said cover when moved to closed position on the back and permitting opening of the same when the head is moved to open position.

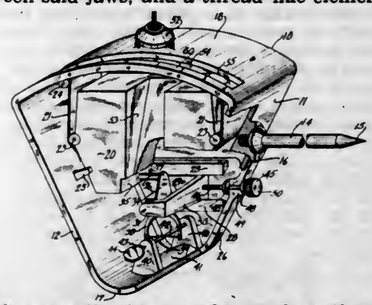
2,063,127

VIBRATION INDICATOR

Edgar Joyce Schnaitter, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill., a corporation of Illinois

Application April 25, 1932, Serial No. 607,365
10 Claims. (Cl. 73—51)

1. In a vibration indicator, a casing arranged to be subjected to vibration by a machine under test, an inertia element carried by said casing, a pair of spaced ribbon elements constituting a vibration-damping cradle structure supporting the inertia element in depending relation within the casing, a projection on the inertia element, a lever rockably secured at one end, to said projection, a lever pivot, intermediate the ends of the lever, adjustably connected to the casing, a pair of jaws at the opposite end of the lever, an indicating member pivotally supported to extend between said jaws, and a thread-like element se-



cured across the jaws, and wound on the indicating member.

2,063,128

BIT AND TOOL HOLDER

Ole Severson, Shelton, Conn., assignor to The Apex Tool & Cutter Company, Inc., a corporation of Connecticut

Application September 9, 1933, Serial No. 688,731
1 Claim. (Cl. 29—100)



In a tool holder and tool bit assembly, a tool holder comprising an elongated tool holder body of a substantially rectangular cross-section having, at one end thereof, a furcated formation characterized by a central transversely extending aperture, having an obliquely inclined end wall, adapted to receive a tool bit shank; the lower furcation of the tool holder body forming, upon its upper surface, a bit-receiving platform having a plurality of independent ribs extending longitudinally of the tool holder body; the upper furcation having a lower surface parallel to the top surface of the lower furcation and extending longitudinally less than the lower furcation, and comprising a lip internally threaded to receive therein, for threaded adjustment, a conical pointed bit securing screw in said lip and a tool bit mounted between said furcation, including a shank longitudinally recessed and receiving therein, the longitudinal ribs of the upper surface of the lower furcation, and having this upper surface provided with means receiving the conical point of the securing screw of the upper furcation, said means having a cooperating side wall substantially parallel to said obliquely inclined end wall and coacting with said screw to seat said bit against said end wall of the furcation.

2,063,129

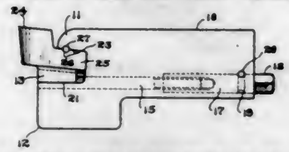
DRAWBOLT TOOL HOLDER AND BIT

Ole Severson, Shelton, Conn., assignor to The Apex Tool & Cutter Company, Inc., a corporation of Connecticut

Application July 31, 1934, Serial No. 737,701
1 Claim. (Cl. 29—100)

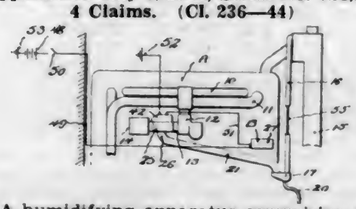
A lathe tool holder and bit assembly including a longitudinally extending tool holder body having a furcation at the forward end thereof which forms a pair of facing surfaces and end wall surfaces; one of the facing surfaces being parallel with the longitudinal axis of the body

and the other facing surface being inclined with respect thereto, and the end wall being disposed at an inclination to a plane extending through the body at right angles to the axis thereof; a tool bit having a shank received within said furcation, the shank having parallel walls, one contacting with the inclined surface, and a bit retainer having a shank and an up-standing head, the head having walls disposed at an angle equal to the angle of divergence between the facing surfaces of the furcation, one of its surfaces contacting with the surface parallel to the axis of the body and the other surface engaging the shank in parallelism therewith to secure the shank between it and the other facing surface



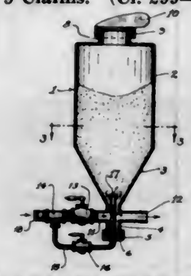
of the furcation; means engageable between said angularly disposed facing surface and the shank to lock the shank against longitudinal movement from the furcation; the parallel surface of the furcation being cut away to receive and fit the shank of the retainer thus to provide interengaging means between the shank and the retainer for restraining the retainer against transverse movement and interengaging means between the retainer and said bit surface parallel with the longitudinal axis of the body for maintaining rigid positioning of the bit shank, and means for moving the bit retainer longitudinally inwardly and outwardly within said furcation.

2,063,130
AIR HUMIDIFIER FOR CARBURETORS
William F. Shreve, Milwaukee, Wis.
Application May 7, 1934, Serial No. 724,337
4 Claims. (Cl. 236—44)



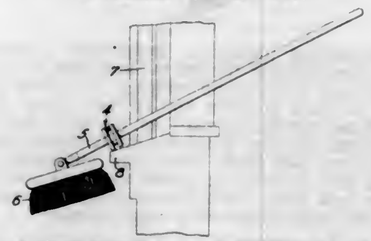
3. A humidifying apparatus comprising an air mixing casing, means for supplying moistened air to one end of the casing, an air conducting pipe leading from the opposite end of the casing, the casing having an air opening therein intermediate its ends, a fitting adapted to be connected at one end to the point of use of the conditioned air, the said conducting pipe being connected to the fitting intermediate the ends of the fitting, one end of the fitting being open to the atmosphere, a swinging valve disposed in the fitting between the air opening and the air conducting pipe, a solenoid including a coil and a movable core, spring means normally moving the valve to an open position, means operatively connecting the core with the valve, a resistance element in circuit with the coil of the solenoid, a swinging pointer movable over the resistance element to vary the amount of resistance in the circuit, a strand of material sensitive to moisture adapted to vary in length in accordance with the amount of moisture in the atmosphere, an operating rod connected to an intermediate part of said material, a double-ended lever pivotally connected at one end to the rod and operatively connected at its opposite end to the pointer, and means for adjusting the tension of said material.

2,063,131
FERTILIZER DISTRIBUTOR
Herman B. Siems, Chicago, Ill., assignor to Swift & Company Fertilizer Works, Chicago, Ill., a corporation of Delaware
Application November 22, 1934, Serial No. 754,304
5 Claims. (Cl. 299—84)



5. A device for hydraulic distribution of granular solids comprising a conical shaped vessel terminating in a reduced cylinder, a fluid conduit intersecting and communicating with said reduced cylinder and a tubular by-pass of reduced diameter in relation to said reduced cylinder having a fixed end leading from a point in said fluid conduit and a free end which passes through said reduced cylinder in spaced relation therewith and extends slightly within said conical vessel.

2,063,132
DUST MOP BUMPER
Alfred D. Sund, Santa Rosa, Calif.
Original application January 16, 1933, Serial No. 651,908. Divided and this application October 1, 1935, Serial No. 43,012
4 Claims. (Cl. 15—246)



1. A dust mop bumper comprising a resilient member having an aperture therein for receiving the handle of a mop, said member having a peripheral groove therein, and means for compressing said resilient member about said handle, said compressing means being disposed wholly within said peripheral groove.

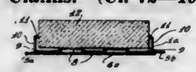
2,063,133
TREATMENT OF HYDROCARBON GASES
Hans Tropsch, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application July 30, 1934, Serial No. 737,639
5 Claims. (Cl. 196—10)

1. A process for producing liquid from normally gaseous paraffinic and olefinic hydrocarbons which comprises, subjecting the hydrocarbon gases to cracking temperature in the presence of a relatively small amount of chlorine not substantially in excess of 1% of the gas and under a pressure of from 400 to 1000 pounds per square inch.

2,063,134
CASEIN DISPERSIONS
Frank G. Uhler, Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 9, 1932, Serial No. 591,933
8 Claims. (Cl. 134—7)

2. A liquid composition which on drying forms a tough flexible film comprising as a vehicle a neutral dispersion of about 20% of casein, 75 to 10% of water, and 5 to 70% sulphonated castor oil as the dispersing agent.

2,063,135
CHANNEL SUPPORT FOR BRICKS
Eugene Wallace, Detroit, Mich., assignor to David A. Wallace, Detroit, Mich.
Application February 19, 1936, Serial No. 64,643
15 Claims. (Cl. 72—19)



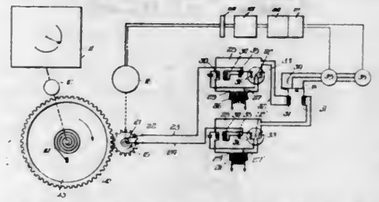
1. A channel shaped body having resiliently yieldable side walls, facing elements received in said channel shaped body, said side walls having comparatively narrow contact surfaces disposed inwardly of the channel shaped body with respect to the inner surfaces of said side walls and engaging adjacent surfaces of said facing elements, said contact surfaces normally being spaced apart a distance less than the width of said facing elements whereby the latter are held between said contact surfaces by friction induced through inserting them therebetween.

2,063,136
NUT-PICK
C. W. Weise, Giddings, Tex.
Application January 29, 1934, Serial No. 708,922
1 Claim. (Cl. 146—13)



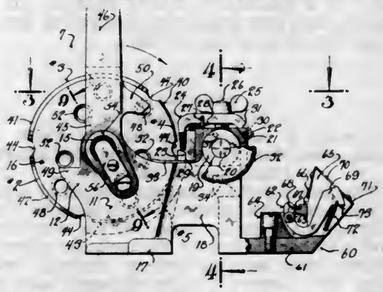
A nut pick comprising a pair of relatively thin flat elongated lever members, means pivotally connecting the levers, one on top of the other, adjacent one end, the opposite ends of the levers constituting handles, arcuate portions on said levers between the handles and the pivot means, the concaves formed by the arcuate portions facing each other and beveled to provide nut cracking jaws, the ends of said levers on the opposite side of the pivot means from the jaws being formed into flat, parallel, pointed, hook shaped nibs lying in the same planes as their respective levers, the open side of the hook shaped nibs both facing the same direction and being displaced from each other when the levers are in closed position, said hook-shaped nibs forming nut picks capable of independent use by inserting a point between a portion of broken shell and a kernel and twisting the levers about an axis longitudinal with respect thereto.

2,063,137
ELECTRIC CONTROL
Mirl E. Whitenack, St. Louis, Mo., assignor to Whitenack Corporation, Chicago, Ill., a corporation of Illinois
Application May 20, 1935, Serial No. 22,366
5 Claims. (Cl. 171—119)



2. An electrical control for generating systems comprising a standard, a variable capacity element composed of a gear with spaced teeth and a second gear having the teeth thereof formed with an insulating central portion and plate portions on the inside faces thereof, said second mentioned gear being operatively associated with said first mentioned gear, said first mentioned gear being driven by said standard and said second mentioned gear being driven by means responsive to the frequency at which the generator system is operating, said variable capacity element being connected in the grid circuit of a thermionic tube to vary the grid potential thereof, means responsive to the flow of current from the output of said tube for controlling the operation of a generator.

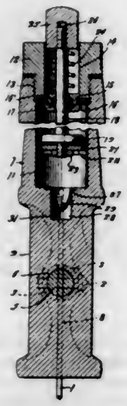
2,063,138
APPARATUS FOR FITTING CYLINDER LOCKS AND KEYS
Conrad Zygmunt, Milwaukee, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware
Application February 10, 1934, Serial No. 710,652
10 Claims. (Cl. 90—24.3)



1. In a key notching machine, a rotary cutter mounted to turn about a fixed axis and having notches in its outer periphery to divide the same into a plurality of cutting lobes, the peripheries of which are disposed at different distances from

said fixed axis of rotation and spirally disposed with respect to said axis, cutting teeth on said peripheries of the cutting lobes to cut notches into the edge of a key blank, the different cutting lobes being adapted to cut notches of different depths, an operating handle mounted to swing through a determined number of degrees, ratchet means operating between said handle and the cutter to successively turn the cutter through the required number of degrees to carry the successive cutting lobes through a complete cutting stroke, and means to hold a key blank in position to be traversed by said cutter.

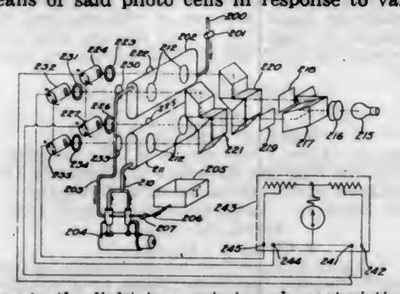
2,063,139
SAW ATTACHMENT
James N. Alexander, Birmingham, Ala.
Application November 27, 1933, Serial No. 699,969
Renewed May 8, 1935
5 Claims. (Cl. 145—35)



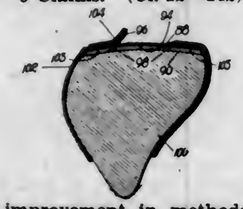
1. A lubricant ejecting mechanism for a crosscut saw comprising two handles, a blade to which each handle is attached, each handle structure comprising a reservoir for lubricant in the handle, a plunger therein, a head fitting the side walls of the reservoir, means to eject lubricant on one face only of the saw blade comprising a pressure valve, the lubricant from each handle being ejected on opposite faces of the saw blade, a guideway, an operating head adapted to reciprocate in the guideway and closely fitting therein, and a spring in the guideway tending to hold the plunger in a position to relieve pressure on the lubricant, said operating head projecting beyond the upper surface of the handle.

2,063,140
pH CONTROL
Donald K. Allison, Los Angeles, Calif.
Application May 17, 1932, Serial No. 611,919
3 Claims. (Cl. 23—230)

1. The method of controlling the pH of a solution which includes: drawing off a sample of said solution and adding an indicator thereto; drawing off another sample of the original solution; confining said samples within defined limits; passing two beams of light through said first sample on to separate photo cells, said beams being of different relatively narrow spectral ranges; passing two beams of light through said second sample, said beams corresponding respectively in spectral range to said first mentioned beams; and varying the pH of said solution by means of said photo cells in response to variations in the light transmission characteristics of said sample containing indicator.



2,063,141
METHOD OF MAKING SHOES
Charles T. Anderson, Cincinnati, Ohio, assignor, by mesne assignments, to The Littleway Process Company, Boston, Mass., a corporation of Massachusetts
Application August 8, 1935, Serial No. 35,338
9 Claims. (Cl. 12—142)



1. That improvement in methods of making shoes which consists in providing an insole comprising a thin flexible forepart, a stiff backing piece removably secured thereto and a relatively inflexible shank piece, attaching ribs to the outer face of the insole, securing a shoe upper in lasted relation to said ribs, trimming off the excess portions of the upper and ribs, securing an outsole to the shoe bottom, and removing said backing piece and portions of the ribs secured thereto.

2,063,142
PILE
Wilhelm Austermühle, Bremen, Germany, assignor to Dortmund-Hoerder Hüttenverein Aktiengesellschaft, Dortmund, Germany
Application August 7, 1935, Serial No. 35,074
In Germany April 18, 1931
10 Claims. (Cl. 61—53)



1. A multi-point metal pile formed from open section rolled metal having wide flanges and comprising a number of wedge-shaped points distributed in spaced relation along the length of the pile, the head width of each wedge-shaped point being greater than that of the wedge-shaped point below it.

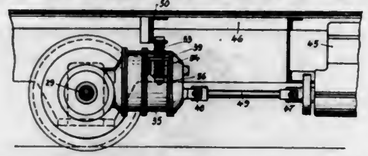
2,063,143
PRODUCT FOR AND METHOD OF JELLY PREPARATION
Willard E. Baier, Ontario, Calif., assignor to California Fruit Growers Exchange, Los Angeles, Calif., a corporation of California
No Drawing. Application November 12, 1929, Serial No. 406,720
35 Claims. (Cl. 99—132)

1. A substantially dry pectin preparation containing pectin and, in addition to the pectin a substantially neutral and substantially inert homogeneous substance capable of yielding, when heated in a jelly batch, an edible organic acid.

2,063,144
ETHER ALCOHOL ESTERS OF ALICYCLIC CARBOXYLIC ACIDS
Harold J. Barrett, Wilmington, and Emmette F. Izard, Elsmere, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application August 6, 1932, Serial No. 627,812
10 Claims. (Cl. 260—54)

1. An ether alcohol ester of an alicyclic carboxylic acid containing only one carbocyclic ring, wherein the ether alcohol is an ether of a polyhydric alcohol of the class consisting of glycols, polyglycols, glycerol and polyglycerols, said ether containing at least one unetherified hydroxyl group.

2,063,145
HYDRAULIC TRANSMISSION GEAR FOR LAND VEHICLES, IN PARTICULAR RAILWAY VEHICLES
Ulrich Barske, Hanover, Germany, assignor to Franz Kruckenberg and Curt Stedefeld, both of Hanover, Germany
Application September 11, 1933, Serial No. 689,051. In Germany September 15, 1932
6 Claims. (Cl. 105—109)



3. In transmission gear for self-propelled vehicles, a jointed driving shaft longitudinal of the vehicle, hydrodynamic gearing driven by and in line with said shaft, a transverse driven axle, gear wheel change speed gearing connecting said driven axle to said hydrodynamic gearing, a vehicle frame spring-mounted upon said axle, and a casing enclosing all said gearing borne upon said axle and suspended from the vehicle frame.

2,063,146
PILE
Enno Becker, Bremen, Germany, assignor to Vereinigte Stahlwerke Aktiengesellschaft, Dusseldorf, Germany
Application December 23, 1933, Serial No. 703,754
In Germany December 30, 1922
6 Claims. (Cl. 61—60)

1. An iron pile of I-section in which the over-all width of the flanges is less than the depth of the web and in which the width of the space between the inner edges of the flanges at each open side of the section is less than the depth of the web between the flanges to an extent that straight lines passing through the junction of each flange with the web and the inner edges of the flanges at the open side of the section meet at a point positioned a distance at least equal to the depth of the web from the web so that on each side of the web there is an open channel of such dimensions and so constricted at the open

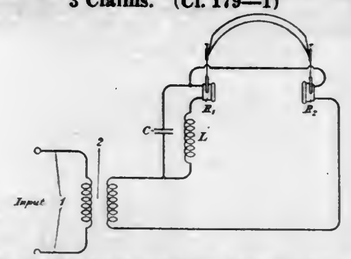


side between the ends of the flanges forming it that the earth into which the pile is driven is compressed in the said channels to form with the girder a compound body having an earth surface for frictional engagement with the earth surrounding the pile sufficient to produce a load-supporting capacity.

2,063,147
VAT OR SULPHUR DYESTUFF PREPARATION
Hermann Berthold, Leverkusen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application June 19, 1931, Serial No. 545,622. In Germany June 27, 1930
2 Claims. (Cl. 8—6)

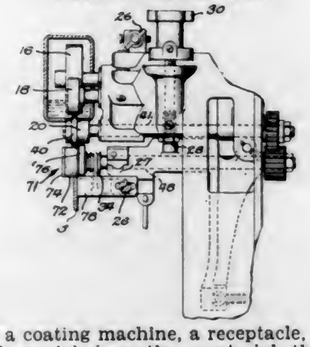
1. A vat dye printing paste comprising a water-soluble polyhydric alcohol and a substance of the group consisting of anthraquinone carboxylic acids and alkali metal salts thereof.

2,063,148
REPRODUCTION OF SOUND
Charles Frederick Bischoff, Caldwell, N. J., and Alfred Herckmans, New York, N. Y., assignors to American Telephone and Telegraph Company, a corporation of New York
Application April 17, 1934, Serial No. 721,034
3 Claims. (Cl. 179—1)



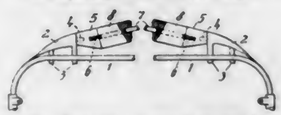
1. In a sound-reproducing system the combination with a sound-reproducing device the frequency response of which is substantially uniform through a portion of a given frequency range and non-uniform through the remainder of the said range, another sound-reproducing device whose frequency response is more nearly uniform than the response of the first mentioned device through the said remainder of the said range, a circuit containing an inductance coil in series with the said other sound-reproducing device, the said coil and receiver being shunted by a condenser, to form thereby an anti-resonant circuit, and the constants of the said elements of the said circuit being so chosen as to improve the frequency response of said other device in the range in which said first device is deficient, the said circuit being connected in series with the said first mentioned device so that the over-all response of both devices is substantially uniform.

2,063,149
MACHINE FOR COATING THE PERIPHERAL PORTIONS OF SOLES
John Henry Brown, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application May 26, 1933, Serial No. 673,055
In Great Britain June 9, 1932
7 Claims. (Cl. 12—31)



1. In a coating machine, a receptacle, a transfer roll receiving coating material therefrom, means for controlling the quantity of material thereon, a fluid-delivering roll having a rigid projecting annulus provided with a peripheral surface and an adjacent lateral surface, said transfer roll cooperating with said annulus to deliver coating material thereto, and an applying roll having a peripheral surface receiving coating material from the periphery of said projecting annulus and having a projecting flange the lateral surface of which cooperates with the lateral surface of said annulus to receive coating material therefrom.

2,063,150
TROLLEY SYSTEM
Ottmar Conradty, Nuremberg, Germany, assignor to C. Conradty, Nuremberg, Germany, a firm
Application December 15, 1933, Serial No. 702,522
In Germany February 17, 1933
7 Claims. (Cl. 191—55)



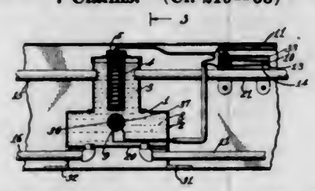
1. A trolley system, comprising an elongated curved collecting member composed of a carbon body or bodies and a curved metal rod substantially centrally embedded in said body or bodies, sloping metallic end pieces secured to the ends of said rod, said pieces serving as bridge-bearings, and a trolley pole and staying means for said collecting member, the engaging faces of the end pieces and of the body or bodies being in planes substantially perpendicular to the axis of the rod where it is secured to the end pieces.

2,063,151
PROCESS OF PRODUCING N-ARALKYL-AMINO-PHENOLS
Miles A. Dahlen and Richard G. Clarkson, Wilmington, Del., and Martin E. P. Friedrich, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 6, 1934, Serial No. 710,032
10 Claims. (Cl. 260—128)

1. In a process of producing N-aralkyl-aminophenols, the step which comprises subjecting an N-aralkylidene-aminophenol to catalytic hydrogenation in the presence of a base metal catalyst in a liquid aromatic hydrocarbon under super-atmospheric temperature and pressure conditions insufficiently high to materially hydrogenate the liquid aromatic hydrocarbon.

7. The process of producing N-benzyl-para-aminophenol which comprises reacting N-benzal-para-aminophenol with hydrogen in the presence of an active nickel-on-kieselguhr catalyst and benzene, while maintaining a temperature of about 100° C. and a pressure of about 400 pounds per square inch.

2,063,152
HEATING SYSTEM
James L. Davidson, Los Angeles, Calif.
Application February 2, 1931, Serial No. 512,937
7 Claims. (Cl. 219—38)



1. A heating system and means for producing uniform heat throughout a room including baseboard heating units, said units being arranged for interlocking relation, each base-board heating unit being provided with heating means, means for simultaneously producing joint operation of all of said heating means of the baseboard units, and further means for each baseboard unit for regulating the temperature of said heating units.

2,063,153
DECORATIVE LIGHTING DEVICE
Paul C. Dittman, Chicago, Ill.
Application May 2, 1935, Serial No. 19,417
5 Claims. (Cl. 240—10)



1. An ornamental lighting device comprising a light bulb and a multiplicity of solid prismatic translucent crystals arranged around said light bulb so as to substantially cover the exposed portion thereof and secured about said bulb, said bulb having a flange extending around the same against which the crystals rest, and means for securing said crystals to said flange, said pointed crystals having their long axes directed substantially radially with respect to the light source and having their operative faces directed at angles of less than forty-two degrees to their long axes.

2,063,154
FUSED REFRACTORY COMPOSITION
George J. Easter and Charles McMullen, Niagara Falls, N. Y., assignors to The Carborundum Company, Niagara Falls, N. Y., a corporation of Pennsylvania
No Drawing. Application December 18, 1933, Serial No. 702,942
7 Claims. (Cl. 13—36)

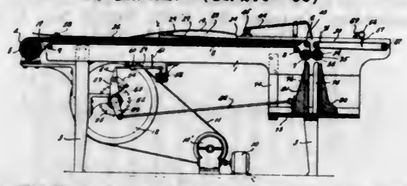
1. The process of treating chromite ore comprising fusing chromite ore with iron oxide and at least 50% alumina in an electric furnace, controlling the reduction so that the ratio of iron oxide content to chromium oxide content does not fall below the equi-molecular ratio, and allowing the molten mass to cool slowly to form a homogeneous crystalline mass.

2,063,155
ATTACHING DEVICE
Carl A. Flood, Framingham, Mass., assignor to Dennison Manufacturing Company, Framingham, Mass., a corporation of Massachusetts
Application April 30, 1934, Serial No. 723,170
3 Claims. (Cl. 40—20)



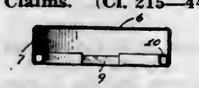
1. An article of the character referred to comprising a tag and an attaching device joined together with string, the attaching device being formed of sheet material bent into a tube and the string having two ends entering the tube intermediate the ends thereof and secured in opposite ends thereof respectively.

2,063,156
FOLDING MACHINE
Hugh W. Gabbert, Kenwood, Ohio, assignor to The American Laundry Machinery Company, Cincinnati, Ohio, a corporation of Ohio
Application March 24, 1933, Serial No. 662,543
19 Claims. (Cl. 270—66)



1. Folding apparatus, comprising an article conveyor, means for folding said article by movement thereof longitudinally or in the direction of its movement, and means controlled by longitudinally folded article movement for cross folding said article.

2,063,157
METAL CLOSURE FOR BOTTLES AND JARS
Daniel M. Gray, Wheeling, W. Va., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va., a corporation of West Virginia
Application June 15, 1933, Serial No. 676,013
3 Claims. (Cl. 215—44)



1. A metal closure comprising a top and a skirt, a plurality of incurled bead sections formed at the lower edge of the skirt, and inturned tongues of a single thickness bent upwardly flat against the inner face of the skirt between the ends of adjacent bead sections.

2,063,158
RESINS CONTAINING NITROGEN
Crawford H. Greenewalt, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application March 19, 1936, Serial No. 69,723
13 Claims. (Cl. 260—2)

5. The process of producing hydrogenated nitrogen-containing resins which comprises hydrogenating a resinous body containing ketone groups in the presence of a hydrogenation catalyst and a compound containing amino-nitrogen having attached thereto at least one hydrogen atom, at temperatures from about 140° C. to about 200° C. and at pressures within the range of about 100 to 200 atmospheres.

11. A nitrogen-containing resin which is the hydrogenated reaction product of polymeric methyl vinyl ketone and ammonia, said resin being soluble in dilute aqueous acetic acid.

2,063,159
CONSTRUCTIONAL ELEMENT FOR BUILDING
Egbert Groove, Neuss-on-the-Rhine, Germany
Application June 16, 1933, Serial No. 676,197
In Germany February 27, 1932
2 Claims. (Cl. 108—13)



1. A roofing element comprising a strip of comparatively thick sheet metal provided with parallel arcuate ridges of different cross-areas projecting from opposite faces of the sheet metal strip and spaced varying distances apart.

2,063,160
PUMP PLUNGER
George A. Hatfield, Torrance, Calif., assignor to The National Superior Company, Toledo, Ohio, a corporation of Delaware
Application July 30, 1935, Serial No. 33,837
8 Claims. (Cl. 309—33)



1. In a packing assembly for a plunger, the combination of an annular resilient packing element having a sealing portion adapted to be expanded into sealing engagement with the wall of an encircling cylinder, means to secure said element to the plunger, and a reinforcing ring encircling said element below the sealing portion thereof, said ring having limited radial freedom independent of the plunger to adjust itself with respect to the sealing portion of said element.

2,063,161
ASYMMETRIC INDIGOID-THIOINDIGOID COLORS

Emeric Havas, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application September 28, 1934, Serial No. 746,013
8 Claims. (Cl. 260—49)

1. The process of preparing asymmetric dyestuffs of the thionaphthene-indolindigo type which comprises reacting an isatin compound with a solvent mixture of the aluminum compound of a thioindoxyl as obtained without isolation from the corresponding thioglycollic acid by ring-closing the acid chloride with aluminum chloride in an inert solvent.

2,063,162
PRODUCTION OF CYCLIC TERPENE ALCOHOLS

Clyde O. Henke, Wilmington, Del., and Gastao Etzel, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

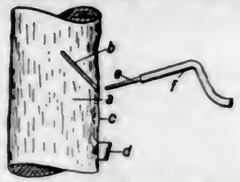
No Drawing. Application September 19, 1934, Serial No. 744,738
10 Claims. (Cl. 260—153)

9. In a process of producing cyclic terpene alcohols by the saponification of esters of cyclic terpene alcohols in the presence of a saponifying alkali, the step which comprises adding an esterification mixture comprising essentially a cyclic terpene alcohol ester, free acid and water to a mixture of an aqueous saponifying alkali solution and a water-immiscible solvent for the formed terpene alcohol, with cooling.

2,063,163
METHOD OF OBTAINING RESIN FROM TREES

Max Hessenland and Reinhold Bötticher, Konigsberg, Germany

Application August 28, 1935, Serial No. 38,266
4 Claims. (Cl. 47—10)



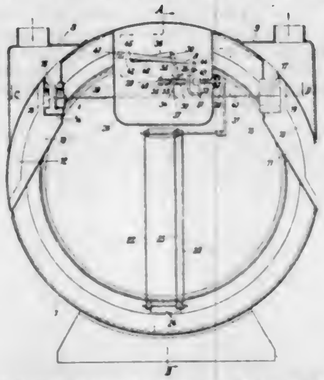
3. In a method of obtaining resin from trees, the formation of a wound in the bark of the tree and in the wood beneath the bark, shortly after the formation of the fresh wound the treatment of the open fresh wound with intensive short stimulation with gaseous hydrochloric acid as an irritant, and collecting the resin flowing from the wound.

2,063,164
REVERSING MECHANISM FOR DRY GAS METERS

Waldemar Holm, Furstenwalde/Spree, Germany, assignor to Julius Pintsch Aktiengesellschaft, Berlin, Germany

Application July 2, 1936, Serial No. 88,682
In Germany July 15, 1935
1 Claim. (Cl. 73—270)

In a dry gas meter with one diaphragm and with two double seat valves provided with spindles, a reversing mechanism comprising a shaft operatively connected to and actuated by the diaphragm, a guide lever on this shaft, the guide lever being provided with a hub having a longitudinal slot, a snap member on this guide lever, another shaft, a tilting lever provided with two legs on said other shaft, a snap member on one of the legs of the tilting lever, adapted to cooperate with the snap member on the guide lever, a further shaft, a suspending lever on this shaft, means for operatively connecting the suspending lever

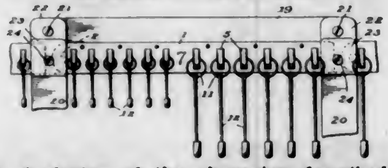


with the guide lever, a reversing spring fastened on one end to the other leg of the tilting lever and on the other end to the suspending lever, means for transmitting the movement of the shaft of the tilting lever to the spindles of the double valves of the gas meter, and a pin traversing the shaft operatively connected to and operated by the diaphragm and the slot in the hub of the guide lever for coupling the guide lever with said shaft.

2,063,165
LAUNDRY CHECKING DEVICE

Leander Z. Hutchens, Mount Airy, N. C., assignor to Hutchens and Merritt Incorporated, Mount Airy, N. C., a corporation of North Carolina

Application October 28, 1935, Serial No. 47,184
13 Claims. (Cl. 40—19.5)



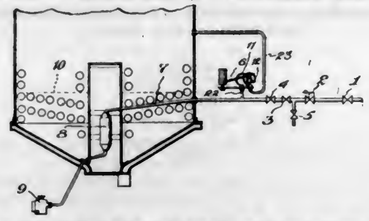
1. A device of the character described for checking laundry or the like including a supporting member having openings therein, members adapted to be inserted in or removed from the openings, a single member being received in each opening, means carried by the last mentioned members for engagement with the articles to be laundered, and means carried by the supporting member and engageable with the other members for preventing accidental displacement of the last mentioned members from the openings in the supporting member.

2,063,166
DEVICE FOR BOILING SUGAR JUICES TO CRYSTALS

Hermanus Andreus Ditmar Jansse, Djokjakarta, Java, Dutch East Indies

Application October 23, 1933, Serial No. 694,841
In the Netherlands November 15, 1932
14 Claims. (Cl. 159—1)

1. In a vacuum boiler for boiling sugar juice to crystallization, a controlling device which comprises a metallic vessel located within said boiler and beneath the lowest surface liquid level therein and having a steam inlet pipe and a steam outlet pipe the latter being closed by a steam trap, said inlet pipe embodying a reducing valve for producing constant steam supply pressure,

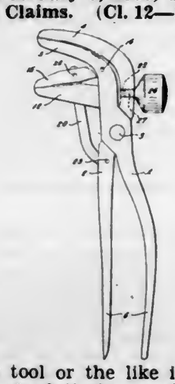


and a throttle valve between said reducing valve and said metallic vessel, for the admission of a constant quantity of steam per unit of time, and a detector of variation in the rate of heat exchange between the sugar juice and the steam, which detector is connected with said metallic vessel.

2,063,167
LASTING TOOL

Jacob S. Kamborian, West Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application February 5, 1935, Serial No. 5,047
12 Claims. (Cl. 12—109)



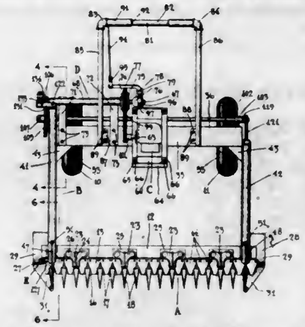
1. A lasting tool or the like implement comprising a pair of relatively movable jaws, a handle for opening and closing said jaws, a second pair of relatively movable jaws disposed between the first pair of jaws and said handle and extending in the same general direction transversely of said handle as said first pair of jaws, and connections between the second pair of jaws and said handle comprising a link extending from the handle to one of the jaws by means of which said second pair of jaws may be opened and closed by said handle.

2,063,168
MOWER

Robert S. Kinkead, St. Paul, Minn.

Application August 14, 1935, Serial No. 36,116
8 Claims. (Cl. 56—25)

1. In a mower, a cutting mechanism including a cutter bar, a sickle movable along said cutter bar, a frame for supporting said cutter bar, said frame including a transverse frame member disposed rearwardly of the cutter bar and at an elevation above the same, frame members extending from said transverse frame member to said cutter bar, and disposed substantially in two spaced parallel vertical planes, said frames also including depending frame members disposed substantially in said planes, wheels carried by said depending frame members and disposed inwardly thereof and entirely below said transverse frame member, said cutting mechanism having a swath substantially equal to the distance between said planes, a motor carried by said transverse frame member, a countershaft

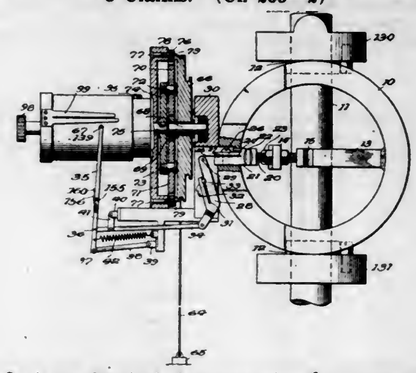


extending transversely of the frame and disposed to have a clearance not less than that of said transverse frame member, sprockets at the ends of said shaft, sprockets concentric with said wheels and driving the same, said sprockets being disposed outwardly of said wheels, chains for driving said second named sprockets from said first named sprockets, and means including said shaft and sprockets for driving said wheels from said motor.

2,063,169
MECHANICAL DYNAMOMETER

Emory N. Kemler, Glenshaw, Pa., assignor to Gulf Research & Development Company, Pittsburgh, Pa., a corporation of Delaware

Application May 6, 1936, Serial No. 78,284
8 Claims. (Cl. 265—2)



3. A mechanical dynamometer for measuring strains in reciprocating mechanism at all operating positions thereof and for producing a compound indication of strain and motion, said apparatus comprising a deformable ring supporting an element of the mechanism under stress and adapted to be distorted by loads imposed upon such element, a lever for magnifying the distortional movements of said ring under stress, mechanical linkage for transmitting such magnified movements and adapted to give substantially straight line motion, a stylus actuated by said

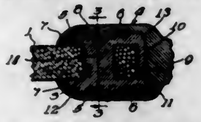
linkage for producing an indication of loads causing distortion of said ring upon a record sheet in one direction, a record chart movable to extreme positions corresponding to the extreme positions of the mechanism under test in its reciprocation, driving means for said record chart responsive to reciprocation of the mechanism and reduction gearing through which said driving means effects movement of the record chart proportionally to the reciprocation of the mechanism under test, thereby producing a closed diagram on said record sheet.

2,063,170

EYEGLASS MOUNTING AND METHOD OF PRODUCING SAME

Cletus F. Kramer, Chicago, Ill., Central Republic Trust Company, executor of said Cletus F. Kramer, deceased, assignor, by mesne assignments, to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York

Application April 12, 1930, Serial No. 443,791
Renewed October 22, 1936
23 Claims. (Cl. 88—47)



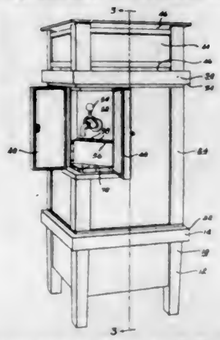
6. An ophthalmic mounting comprising two spaced straps, anchoring means on each of said straps, a lens having an opening in communication with the anchoring means of each strap, fusible retaining means positioned in said opening, said retaining means having a portion which is molded to the anchoring means on each of said straps, said retaining means substantially filling said opening and being in contact with its wall.

2,063,171

REFRIGERATING APPARATUS

Andrew A. Kucher, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application August 22, 1934, Serial No. 740,974
20 Claims. (Cl. 225—1)



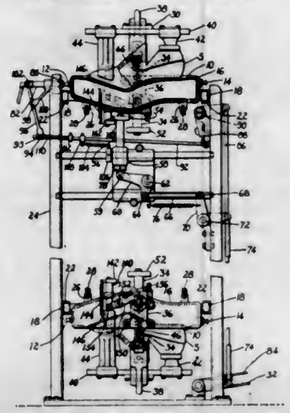
1. In a beverage cooling and dispensing apparatus, the combination of a rectangular cabinet adapted to receive means containing a beverage to be cooled and dispensed, means for cooling the interior of the cabinet, a vertical partition having at least a major portion thereof disposed diagonally with respect to the cabinet walls to define a faucet receiving compartment within the cabinet and a beverage dispensing faucet mounted in said compartment.

2,063,172

MACHINE FOR USE IN APPLYING PRESSURE TO SHOE BOTTOMS

John T. Lancaster, Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application September 5, 1933, Serial No. 688,182
13 Claims. (Cl. 12—36)



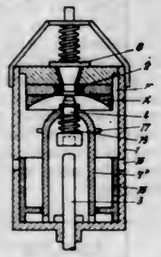
12. A machine for applying pressure to shoe bottoms having, in combination, an endless conveyor provided with a plurality of inflatable pads formed and arranged to receive shoes to which pressure is to be applied, each pad being provided with a holddown member rectilinearly slidable toward and from operative position relatively to a shoe on the pad, means for sliding the successive holddown members toward the respective pads, a latch operated by said sliding means for securing each holddown member in depressed position, and manually controlled means for inflating the pads.

2,063,173

ARC RUPTURING DEVICE FOR ELECTRIC SWITCHES

Emil Lange, Berlin-Zehlendorf, Germany

Application December 10, 1935, Serial No. 53,749
In Germany December 10, 1934
3 Claims. (Cl. 200—150)



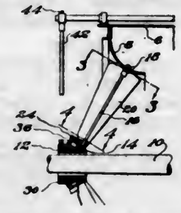
1. An electric switch of the character described, comprising a closed chamber containing a fluid and having an outlet for the latter, a spring-pressed closing member for said outlet, a principal contact arranged in said outlet, a bell supported within said chamber, an actuating contact movably mounted in the chamber and located within the bell, a movable auxiliary contact mounted in the crown of the bell in position to co-operate with the principal contact as well as with the actuating contact, means for preventing the fluid inside the bell from mixing with the fluid at the outside thereof, and means tending to maintain the auxiliary contact at arc forming distance from the principal contact, the actuating contact being operative to press all the contacts together for closing the circuit and to form an arc inside the bell on the circuit being broken for driving fluid from outside the bell through the outlet and rupturing the arc at the latter.

2,063,174

FAN

Merton S. Leonard, Boston, Mass., assignor to B. F. Sturtevant Company, Hyde Park, Mass., a corporation of Massachusetts

Application September 18, 1935, Serial No. 41,037
3 Claims. (Cl. 230—114)



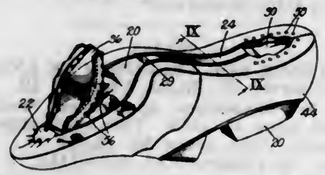
1. A fan having a shaft, a converging inlet, a hub surrounding the shaft, pivot rods secured to the hub and inlet and supporting the hub from the inlet, the rods being perpendicular to the inlet wall, a plurality of vanes, one for each pivot rod, each vane having bearings through which the pivot rod passes, a rotary member journaled on the hub and having longitudinally extending grooves and a follower attached to each vane and engaging in a groove of the rotary member to adjust all the vanes simultaneously.

2,063,175

METHOD OF MAKING SHOES

Joseph C. Lisbon, Sr., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application November 6, 1934, Serial No. 751,736
Renewed September 26, 1935
17 Claims. (Cl. 12—142)



1. That improvement in methods of making shoes having uppers secured in overlasted position by cement, which consists in assembling on the bottom of a last a shank and heel piece and a forepart member which is narrower than the last bottom and has ribs at its opposite edges, mounting a shoe upper on the last, applying cement to the margin of said upper, securing the shank portion of the upper in lasted relation to the shank and heel piece, working the margins of the forepart of the upper over the bare margins of the last bottom and securing them to the ribs on the forepart member to hold said margins in lasted position while the cement sets, and removing said forepart member and the portions of the upper that are secured thereto from the last bottom.

2,063,176

PROCESS FOR TREATING TEXTILE MATERIALS

Rowland Magill, Atlanta, Ga., assignor to The M. Werk Company, Cincinnati, Ohio, a corporation of Ohio

No Drawing. Application November 20, 1934, Serial No. 754,002
10 Claims. (Cl. 8—2)

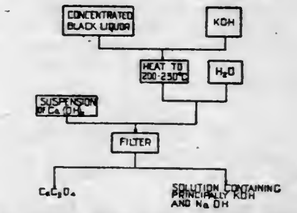
5. The process of treating cotton textile material which comprises supplying nascent hydrogen to the material while boiling said material in a closed pressure chamber and under pressure.

2,063,177

RECOVERY OF ORGANIC CONSTITUENTS FROM BLACK LIQUOR

Ralph H. McKee, New York, N. Y.

Application August 2, 1934, Serial No. 738,155
18 Claims. (Cl. 260—119)



1. The process which comprises heating to a temperature not exceeding 230° C. a concentrated solution of lignin in caustic alkali with an approximately equal weight of caustic potash to produce a substantially dry mass, dissolving the resulting mass in water, treating the resulting solution containing alkali metal oxalates with calcium hydroxide, and separating the calcium oxalate formed from the solution.

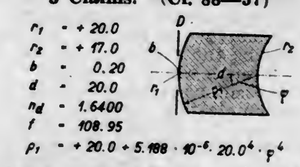
11. The process which comprises treating a caustic alkali solution containing an alkali metal acetate with calcium hydroxide and filtering off the calcium acetate formed while maintaining the said solution hot.

2,063,178

PHOTOGRAPHIC OBJECTIVE

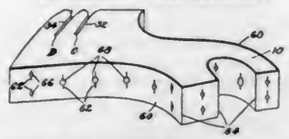
Willy Merté, Jena, Germany, assignor to the firm of Carl Zeiss, Jena, Germany

Application January 24, 1935, Serial No. 3,250
In Germany January 30, 1934
3 Claims. (Cl. 88—57)



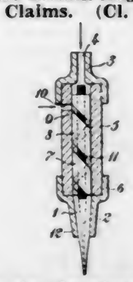
1. A photographic objective comprising a converging meniscus and a diaphragm, the convex exterior surface of the meniscus being deformed and facing the diaphragm, and the radii of vertex curvature of the two exterior surfaces of the meniscus being smaller than the focal length of the meniscus, the plane of the said diaphragm and the vertex of the deformed surface having a distance apart which is smaller than, or at most equal to, one tenth of the diameter of the meniscus, so that the pencil of principal rays traverses the deformed surface near the optical axis only.

2,063,179
CUTTING DIE
Franz Mertinz, Vienna, Austria, assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application July 26, 1934, Serial No. 737,113
In Austria July 28, 1933
2 Claims. (Cl. 164—29)



1. A cutting die comprising a core corresponding in outline to the outline of a blank to be produced and having a reentrant portion and a slot extending inwardly from the reentrant portion, and a cutting blade extending along the periphery of the core and having an edge portion projecting beyond a face of the core and an end portion corresponding in width to the thickness of the core positioned in the slot with edge portions of said end portion substantially flush with the faces of the core.

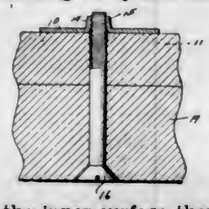
2,063,180
PRODUCTION OF ARTIFICIAL FILAMENTS AND PARTICULARLY SUCH AS ARE ADAPTED FOR USE FOR TEXTILE PURPOSES
Ernst Gustav Edwin Meyer and Ernest Clement Burgoyne, Hounslow, England
Application August 10, 1935, Serial No. 35,646
In Great Britain August 11, 1934
3 Claims. (Cl. 18—8)



3. Apparatus for forming artificial filaments comprising an outer casing, an inlet for the introduction thereto of a composition of a character adapted to form artificial filaments, an inlet for the introduction thereto of a colouring composition in a volatile solvent adapted merely to impart colour to the filament without materially increasing the substance thereof, a jet on the casing through which a composite stream of the two compositions is adapted to be extruded, a wick communicating with the second mentioned inlet and the jet through which the second mentioned composition is adapted to pass on its way to the jet, and a helical path extending around the said wick and communicating with the first mentioned inlet through which the first mentioned composition is adapted to pass on its way to the jet.

2,063,181
SELF-LOCKING NUT WASHER
Glenmore Miller, Pontiac, Mich.
Application November 22, 1930, Serial No. 497,541
Renewed March 5, 1936
2 Claims. (Cl. 85—32)

2. A spring nut comprising a base portion of sheet metal having spring-like characteristics, and having a pair of tongues struck upwardly from the base portion intermediate the ends thereof and in opposition to each other, the tongues terminating in spaced curved portions,



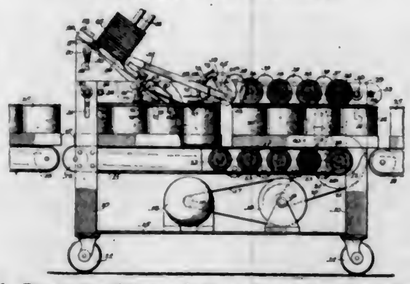
each having the inner surface thereof threaded, and the threads on one part coacting with those of the other part to fit the threads of a bolt that is inserted therethrough.

2,063,182
ARC WELDING ELECTRODE
Wilber B. Miller, Flushing, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
Application April 15, 1933, Serial No. 666,235
7 Claims. (Cl. 219—8)



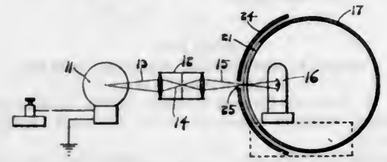
1. An electrode for arc welding comprising a ferrous core, a woven fabric of vegetable fibers in direct contact with said core, and a coating consisting of slip clay, an alkaline earth carbonate, ferrochrome, carbonaceous material, rutile, silica and ferro-manganese.

2,063,183
MACHINE FOR FEEDING CAN ENDS
Garrett W. Mudd, Chicago, Ill.
Refiled for abandoned application Serial No. 464,753, June 30, 1930. This application September 21, 1935, Serial No. 41,557
12 Claims. (Cl. 113—114)



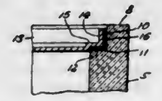
1. In a machine of the character described, means for maintaining a supply of superposed can ends, means for advancing the cans, a positively actuated ejector for removing the lowermost end from said supply, means actuated by the cans for rendering the ejector active, additional means subsequently controlled by the can to which the end is to be supplied for controlling the delivery of a previously ejected end to said can, and a series of rollers arranged adjacent the path of movement of the can with the end supplied thereto and beneath which the can and end pass for compressing the end upon the can, the axes of said rollers being arranged in different horizontal planes.

2,063,184
TIME SERVICE SYSTEM
Donald H. Myers, Cincinnati, Ohio
Application May 2, 1933, Serial No. 668,962
7 Claims. (Cl. 179—100.3)



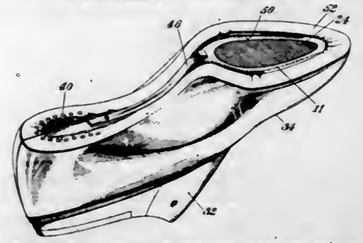
1. In a time service system an opaque sound record-bearing element having a portion permitting the passage of light therethrough and intercepted by the record of the sound to be reproduced, means for projecting light through said portion, means sensitive to light, adapted to receive the light after interception by the record, and means to move the element, whereby said element portion may be moved into the path of light passing from the projecting means to the sensitive means to permit sound reproduction from said record, and whereby said element portion may be moved to block the path of light upon termination of said sound reproduction of said record.

2,063,185
CONTAINER
Charles Arlin Nave, Seattle, Wash.
Application December 4, 1934, Serial No. 755,952
5 Claims. (Cl. 215—47)



1. A container comprising in combination, a jar having at its inner side and adjacent its upper end a shoulder extending about the jar interior and also having a wall portion extending from the outer edge of said shoulder to the upper end of the jar, a thin disk-like cover adapted to be placed in the upper end portion of the jar and having an offset portion near its edge adapted to rest in spaced relation above said shoulder of the jar and also having at its edge an upstanding free flange adapted to rest within and in spaced relation to said wall portion of the jar above the shoulder, and a gasket attached to the cover and arranged, when the cover is crowded into the upper end portion of the jar, to rest between the offset portion of the cover and the shoulder in the jar and to also rest between the outer side of the cover flange and the wall portion of the jar above the shoulder thereof.

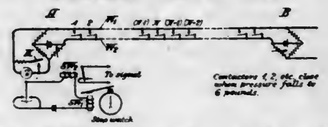
2,063,186
MANUFACTURE OF SHOES
George H. Nichols, Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application March 26, 1935, Serial No. 13,079
10 Claims. (Cl. 12—142)



1. A skeleton insole having an opening in its forepart and a lip comprising a strip of material stitched to the outer surface of the insole and extending substantially parallel to the edge of the insole between said edge and the edge of said opening.

4. That improvement in methods of manufacturing shoes which comprises securing a strip of material to one of the surfaces of a skeleton insole having an opening in its forepart by stitching extending substantially parallel to the edge of the insole thereby providing a lip against which the upper of a shoe may be lasted, securing a reinforcing member to the opposite surface of the insole in a position to cover the opening in the insole, assembling the insole and a shoe upper on a last, working the upper into lasted relation to the insole and securing it to the lip, and thereafter attaching an outsole to the shoe bottom.

2,063,187
METHOD OF CABLE MAINTENANCE
Harry Nyquist, Millburn, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application October 17, 1935, Serial No. 45,511
6 Claims. (Cl. 175—183)

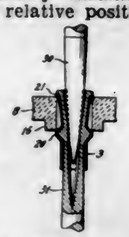


1. The method of ascertaining the location and the relative magnitude of a break in the sheath of a cable or the like maintained under pressure of a fluid, the cable or the like being equipped with pressure-operated contactors and means for indicating at a predetermined location on the line of the cable or the like the operation of any one of the contactors, which consists in observing at the predetermined location the times of operation of a plurality of contactors, ascertaining the locations of the respective operated contactors, and determining the location and the relative magnitude of the sheath break from the time-distance relations thus revealed.

2,063,188
THERMIONIC TUBE
Henry W. Parker, Toronto, Ontario, and Norman A. Yorke, Long Branch, Ontario, Canada, assignors to Rogers Radio Tubes, Ltd., Toronto, Ontario, Canada, a corporation of Ontario, Canada
Application May 20, 1936, Serial No. 80,728
7 Claims. (Cl. 250—27.5)

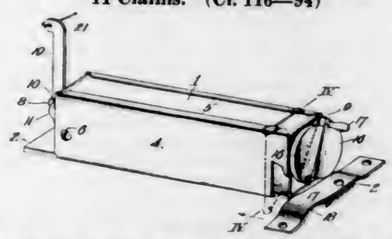
1. In a thermionic tube, a plurality of elec-

trodes including a grid, a cathode of the tubular sleeve type and an enclosing envelope therefor, spacers of refractory insulating material for maintaining the relative positions of said elec-



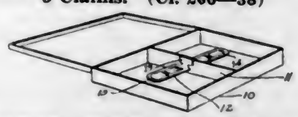
trodes, one of said spacers acting as a support for said cathode and said cathode being rigidly secured in an aperture in said spacer through line contacts with a portion only of the upper and lower edges of said aperture.

2,063,189
THEFT ALARM
James M. Parks, Topeka, Kans.
Application December 16, 1935, Serial No. 54,544
11 Claims. (Cl. 116—94)



9. In an alarm device, an alarm mechanism, a resiliently-actuated rotatable shaft to effect operation of the alarm mechanism, a flexible member constantly tensioned by the reaction of the resiliently-actuated rotatable shaft and holding the shaft against rotation, and a key connecting the flexible member to the resiliently-actuated rotatable shaft and releasable on predetermined movement of the flexible member to free the resiliently-actuated shaft for rotation, said shaft being rotatable through at least an arc greater than 360°.

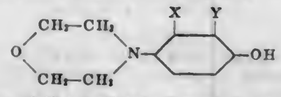
2,063,190
CIGARETTE CONTAINER
Irving M. Plant, Short Hills, N. J.
Application May 19, 1933, Serial No. 671,792
5 Claims. (Cl. 206—38)



1. Cigarette container comprising in combination a box consisting of a receptacle of a conformation for holding cigarettes for transportation and a lid therefor and a cigarette rest consisting of a substantially straight elongated metal strip of arcuate cross-section for contacting cigarettes and permitting closure of the lid when the box contains cigarettes without injury to the latter, said strip including means formed integral therewith and adapted to support the strip by the box in spaced relation from the walls of the box and within the confines of the box whereby a lighted cigarette placed on said rest can be maintained out of contact with the box in a manner to deposit any ashes falling therefrom in the box.

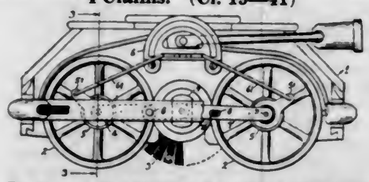
2,063,191
HYDROXY PHENYL MORPHOLINES
Horace B. Pray, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application May 18, 1933, Serial No. 671,776
3 Claims. (Cl. 260—28)

3. Compounds having the formula



where one of the radicals X and Y is $-CH_3$, the other being hydrogen.

2,063,192
CARPET SWEEPER BRUSH DRIVE MECHANISM
Fred W. Pullen, Grand Rapids, Mich., assignor to Bissell Carpet Sweeper Co., Grand Rapids, Mich.
Application March 31, 1928, Serial No. 266,268
4 Claims. (Cl. 15—41)

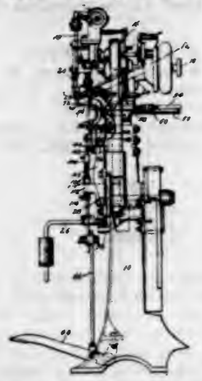


1. In a carpet sweeper structure, the combination of a case, end bars attached to said case each having a vertical central slideway, each end bar having a fulcrum pin each side of the center, a brush having driving hubs at each end, slides in said slideways with journal connections to said brush, floor wheels at each side of each end of the said brush contacting therewith to drive the same, the wheels at each side being supported and connected by axles, spring means acting on said floor wheels to maintain yielding contact between said wheels and said brush hubs and afford yielding spring support for said sweeper, horizontal levers with slotted fulcrum bearings supported on the said fulcrum pins, pivotal connections for the outer ends thereof to the hubs of said wheels and slidable slot connections to the brush journals.

2,063,193
MACHINE FOR SHAPING UPPERS OVER LASTS
Charles F. Pym, deceased, late of Beverly, Mass., by Arthur F. Pym, executor, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application August 2, 1935, Serial No. 34,413
18 Claims. (Cl. 12—2)

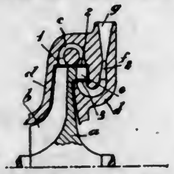
1. A machine for shaping uppers over lasts having in combination means for engaging and holding in a fixed position a portion of the overlasting margin of an upper on its last, a thrust member constructed and arranged to effect movement of the work relatively to said holding means whereby the portion of the overlasting margin engaged thereby is lasted in-

wardly over an insole on the last bottom, and a manually operated actuator for effecting engagement of said holding means with the over-



lasting margin and for thereafter advancing the thrust member to an extent determined by the operator.

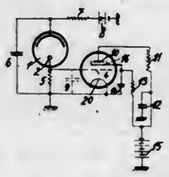
2,063,194
ROTARY PUMP AND COMPRESSOR
Paul Mary Ferdinand Maurice Roy, Paris, France
Application March 11, 1935, Serial No. 10,550
In France March 15, 1934
7 Claims. (Cl. 103—95)



1. A rotary machine of the type including pumps and compressors giving a continuous flow of fluid which comprises, in combination, a casing, a fluid driving wheel journalled in said casing, an intake in said casing, a system of blades carried by the face of said wheel located opposite said intake, for driving the fluid admitted through said intake outwardly, a second row of blades carried by said wheel, and stationary guide means carried by said casing for bringing back the fluid driven by the first system of blades onto the second row of blades, said stationary guide means being shaped to reverse through an angle of about 180°, the absolute velocity of the fluid, considered with reference to the plane determined by the absolute velocity and the blade velocity, without substantially modifying the magnitude of this absolute velocity and having a continuous gradual curvature from one end to the other, said blades and guide means being so shaped that the flow takes place with a substantially uniform pressure from the outlet of the first mentioned system of blades to the outlet of the second mentioned system of blades.

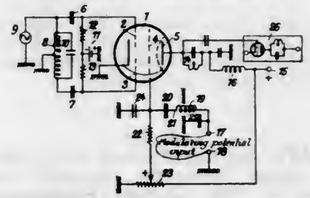
2,063,195
PHOTOAMPLIFIER ARRANGEMENT
Kurt Schlesinger, Berlin, Germany
Application February 19, 1934, Serial No. 711,915
In Germany February 20, 1933
8 Claims. (Cl. 250—41.5)

1. In a photo-amplifier arrangement for television purposes a photo-electric cell including a cathode and an anode and an amplifier valve including a cathode, a control grid electrode, a screening grid and an anode, the anode of said photo-cell having a small surface connected directly with the control grid of said amplifier tube by a short lead and with the cathode of said amplifier tube by a working resistance, the cathode of said photo-cell connected with the cathode of



said amplifier tube over a capacity in the order of 1 microfarad and with the negative pole of a potential source, the positive pole of said potential source connected with the cathode of said amplifier tube, the anode of said amplifier tube connected with an output circuit and with an anode current source, the screen grid of said amplifier tube connected with the positive pole of a potential source over a resistance.

2,063,196
TRANSMISSION AND MODULATING ARRANGEMENT
Kurt Schlesinger, Berlin, Germany
Application March 26, 1934, Serial No. 717,309
In Germany March 29, 1933
4 Claims. (Cl. 179—171)

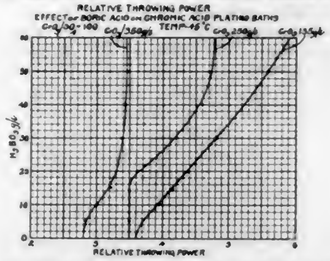


1. In a transmission system, preferably for television purposes using short or ultra-short carrier waves a modulation tube, a high-frequency control generator and a modulation source, said modulation tube containing a cathode, an anode, a screening grid and two control grids of equal control effect, means for exciting said control grids in counter-phase by the oscillatory circuit of said high frequency control generator, means for connecting said molulation source to said screening grid, an output circuit sharply tuned to twice the frequency of said high frequency control generator connected to said anode, means for negatively biassing said two control grids by an amount sufficient to suppress the control effect of the negative half-waves of the control waves, said output anode circuit coupled with a transmission circuit.

2,063,197
METHOD OF CHROMIUM PLATING
Richard Schneidewind, Ann Arbor, Mich., assignor of one-tenth to the Government of the United States of America, represented by the Secretary of the Navy
Application August 30, 1933, Serial No. 687,414
10 Claims. (Cl. 204—1)

10. The method of electrodepositing chromium which comprises electrolyzing at a temperature

of approximately 35° C. or higher an aqueous bath comprising chromic acid, a sulfate radical



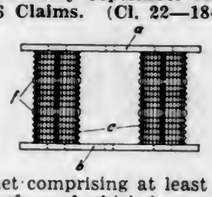
or its equivalent, and boric acid in amount approximating saturation.

2,063,198

CHAPLET OR STUD FOR USE IN FOUNDRY WORK

Fritz Seibel, Essen, Germany, assignor to Kleineisen- und Schranbenfabrik Steele Gesellschaft mit beschrankter Haftung

Application November 7, 1934, Serial No. 751,851
In Germany September 15, 1933
6 Claims. (Cl. 22—184)



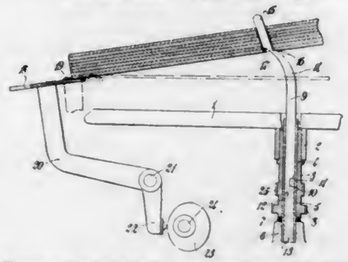
5. A chaplet comprising at least one stem element, the surface of which is covered wholly by longitudinal and transverse grooves forming projections which taper outwardly.

2,063,199

AUTOMATIC GRAMOPHONE AND THE LIKE

Gilbert Slater, Attercliffe, Sheffield, England, assignor to The Garrard Engineering and Manufacturing Company Limited, Swindon, Wiltshire, England

Application March 16, 1936, Serial No. 69,214
In Great Britain December 27, 1934
10 Claims. (Cl. 274—10



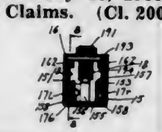
5. Record-changing mechanism of the character described comprising, in combination, a fixed vertical bearing element having a socket at the upper end thereof, a sleeve member mounted for rotation about said bearing element, a post element removably seated in said socket and extending upwardly at an inclination to the vertical, means for locating the post element in said socket so that it is always returned to the same position after removal, shoulder portions formed on said post element for supporting a stack of records at the centre thereof, and means for supporting the edge of the stack of records and for displacing a record laterally to cause it to be disengaged from the supporting element.

2,063,200

TOGGLE SWITCH

Christopher I. Smith, New York, N. Y., assignor to Marks Products Co. Inc., Brooklyn, N. Y., a corporation of New York

Application February 16, 1935, Serial No. 6,774
8 Claims. (Cl. 200—67)



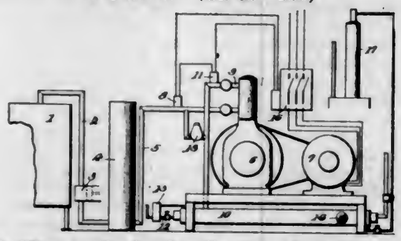
1. In a switch, in combination, a casing of insulating material having an open front, a rear wall, integral side and end walls, each end wall having a perforation for a contact support member adjacent to said rear wall at diagonally opposite corners, a pair of contact support members each extending from one of said perforations along one of said side walls, projections on said rear wall holding said support members against longitudinal and lateral motions, a groove formed at the interior ends of each side wall extending from said support to the open front of said casing, a distance member guided in each pair of grooves, a journal groove on each distance member and a cover on said casing having an aperture and a pair of transverse recesses therein, a switch handle passing through the aperture of said cover and a pivot pin for said handle journalled between the bottom walls of said recesses and the top of said distance member within the grooves therein.

2,063,201

METHOD OF UTILIZING WASTE CARBON DIOXIDE GAS

Roy W. Smith, Newark, Ohio

Application October 27, 1934, Serial No. 750,391
5 Claims. (Cl. 62—122)



5. The method of collecting liquefying and storing carbon dioxide gas comprising collecting and compressing said gas, cooling said compressed gas, controlling said cooling responsive to condensing conditions, controlling compression in accordance with pressure and suction conditions, relieving pressures between suction and compression, chilling containers for receiving the liquid carbon dioxide, and introducing the liquid carbon dioxide into such containers.

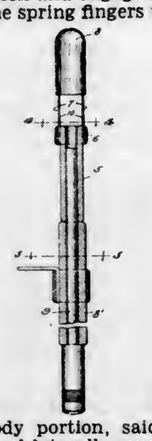
2,063,202

UTERINE VENT

Charles R. Spicer, Hastings, Nebr.

Application February 26, 1935, Serial No. 8,348
2 Claims. (Cl. 128—130)

1. A device of the class described, comprising a tubular body portion of a uniform diameter throughout the entire length thereof, whereby the body portion may be completely housed in the uterine canal of the human body, spring fingers secured externally of the body portion and extending from one end of the body portion, an annular rubber enlargement vulcanized to one end of the body portion and engaging the spring fingers, securing the spring fingers to the outer surface of the body portion, said spring fingers adapted to expand laterally separating the walls of the uterine canal, and said enlargement adapted to contact with the wall of the uterine canal restricting the passage of the material by the body portion and wall of the uterine canal.

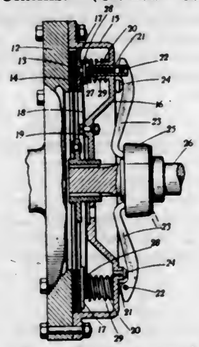


2,063,203

PRESSER-PLATE FOR CLUTCHES

George Enoch Stanley, Coventry, England

Application January 12, 1935, Serial No. 1,560
In Great Britain January 16, 1934
5 Claims. (Cl. 192—68)



1. For a clutch, a driving member, a presser-plate formed of independent sections, a casing carried by the driving member and enclosing the presser-plate, and a multi-finger spring the arms of which individually support said sections from the said casing.

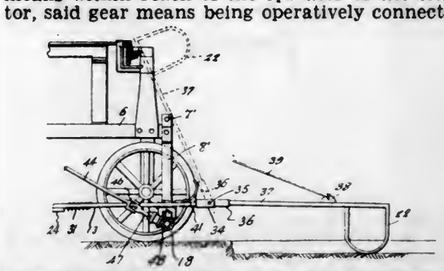
2,063,204

TRACTOR GUIDE

William Steckley and Joseph F. Steckley, Geddes, S. Dak.

Application September 10, 1935, Serial No. 39,962
5 Claims. (Cl. 97—49)

1. A device of the character described comprising a bracket adapted for mounting on a tractor having steering mechanism, a slide on said bracket, a guide arm, means pivoting said guide arm on said slide, and gear means having control means within reach of the operator of the tractor, said gear means being operatively connected to said slide for swinging said guide arm inwardly and outwardly with respect to the side of the tractor.

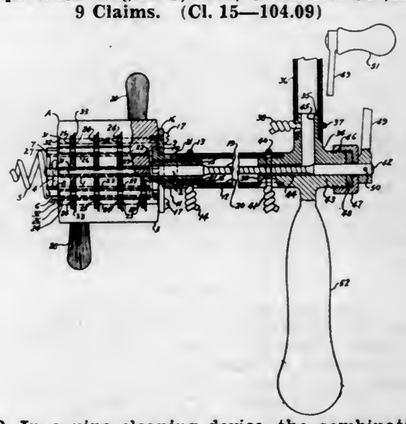


2,063,205

PIPE CLEANING DEVICE

Fred R. Sutfin and Cyril Cailliau, Detroit, Mich.

Application August 3, 1933, Serial No. 683,418
9 Claims. (Cl. 15—104.09)



2. In a pipe cleaning device, the combination of a head member adapted to rotate within the pipe, the axis of said head member being located eccentrically relative to the axis of the pipe, cutter members rotatably mounted in said head member, the axes of said cutter members being located eccentrically relative to the axes of said head member and of the pipe, said cutter members engaging the inside surface of the pipe, resilient means mounted in said head member and oppositely disposed relative to said cutter members relative to the axis of said head member, said resilient means having their ends bent over by engagement with the pipe to exert a force tending to maintain said cutter members in engagement with the pipe, said resilient members exerting a scrubbing force against the pipe, and means for rotating said head member together with said cutter and said resilient members.

2,063,206

COLLECTOR FOR ELECTRIC CURRENT

Franz Szalay, Budapest, Hungary

Application August 17, 1932, Serial No. 629,179
In Germany August 20, 1931
2 Claims. (Cl. 191—55)

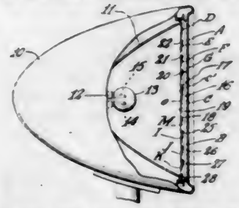
1. A device for collecting electric current from a trolley wire, comprising a collecting body having a large contact surface composed essentially of carbon and bounded at both sides in the travelling direction by metal surfaces provided with lubricating grooves, the metal surfaces being

large enough to relieve the carbon of excessive mechanical and electrical load, and a supporting bow holding the collecting body pivotally and



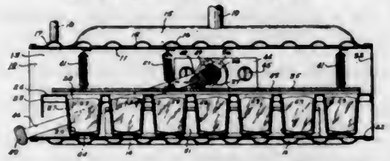
adapted to maintain the wire in contact with the body across the entire surface of carbon as well as metal.

2,063,207
FLUTED HEADLIGHT LENS
Arnold N. Taylor, Detroit, Mich., assignor to C. M. Hall Lamp Company, Detroit, Mich., a corporation of Michigan
Application August 5, 1929, Serial No. 383,556
14 Claims. (Cl. 240—41.4)



2. A lens for the purpose described having on one face flutes extending to the top and bottom margins of the light transmitting portion which decrease in curvature from the vertical axis towards the lateral margins and having on the opposite face parallel prisms all sloped in one direction and which progressively decrease in slope from the vertical margins towards the horizontal axis.

2,063,208
REFRIGERATING APPARATUS
Ralph L. Tweedale, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application August 15, 1934, Serial No. 739,945
15 Claims. (Cl. 62—108.5)

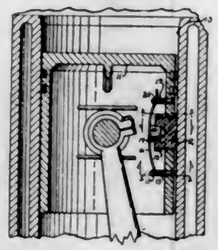


1. A refrigerating apparatus comprising in combination, a cooling member having a support for a tray member, a tray member positioned on said support and having walls defining a plurality of compartments containing a substance to be frozen, and means associated with and movable relative to one of said members for simultaneously breaking a bond between said members and between the frozen substance and each of the walls of the compartments.

2,063,209
PROCESS OF MAKING WOOL-LIKE ARTIFICIAL FIBERS
Arthur von Weinberg, Frankfort-on-the-Main, Hanns Rein, Bad Hamburg vor der Hohe, and Otto Eisenhut, Heidelberg, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application June 14, 1935, Serial No. 26,698. In Germany June 26, 1934
3 Claims. (Cl. 18—54)

1. An improved process of making wool-like artificial fibers which comprises treating moist viscose material which has not been desulfurized with an organic liquid capable of dissolving water to which a little quantity of an ammonia base has been added.

2,063,210
DEVICE FOR THE ELIMINATION OF PISTON FLUTTER
Dale J. Wherry, Des Moines, Iowa
Application July 2, 1936, Serial No. 88,567
5 Claims. (Cl. 309—5)

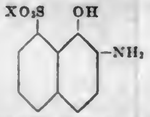


1. In a piston, a head member designed to be slidably mounted in the wall of a piston, a forked member designed to be secured to the inner side of said piston, an elongated flat spring having one of its ends pivotally mounted on said fork member and extending over one end of said head yieldingly holding said head in an outward position, and a second forked member retaining the other end of said spring on the diametrically opposite side of said plug.

2,063,211
NAPHTHALENE DERIVATIVES
Max Wyler and Robert William Kersey, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application April 5, 1934, Serial No. 719,232. In Great Britain April 7, 1933
8 Claims. (Cl. 260—129)

1. Process for the production of 2-amino-1-naphthol-8-sulphonic acid, which comprises nitrosation of 1-naphthol-8-sulphonic acid and reduction of the resulting nitroso-compound.

8. 2-amino-1-naphthol-8-sulfonic acid and salts thereof having the general formula—

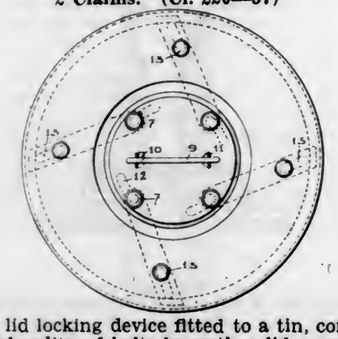


in which X represents one of the group consisting of hydrogen and an alkali metal.

2,063,212
MANUFACTURE OF OIL-SOLUBLE POLYHYDRIC PHENOLS
Charles P. Wilson, Jr., Houston, Tex.
No Drawing. Application May 29, 1934, Serial No. 728,086
17 Claims. (Cl. 160—154)

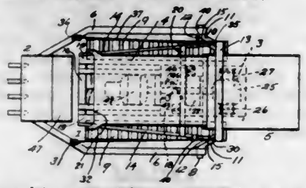
1. A process for the manufacture of oil-soluble phenols, which comprises condensing a light coal tar distillate with a phenol in the presence of a dilute mineral acid condensing agent.

2,063,213
LID LOCKING DEVICE
Emil Wirz, Basel, Switzerland
Application May 7, 1935, Serial No. 20,180
In Switzerland April 23, 1934
2 Claims. (Cl. 220—57)



1. A lid locking device fitted to a tin, comprising a plurality of bolts beneath a lid member, a revoluble disc mounted on the lid, slots in the lid, rivets connecting the bolts with said disc, said rivets passing through said slots, and a handle pivotally carried by the disc, said bolts engaging retaining means on the tin.

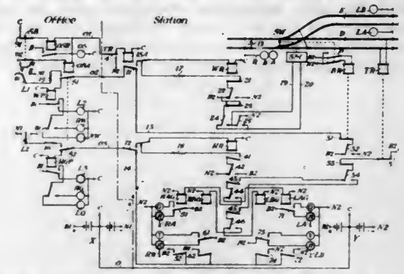
2,063,214
MUCKING AND LOADING MACHINE
Saul Lester Wixson and Bernard Williams, Boulder City, Nev.
Application July 29, 1935, Serial No. 33,734
4 Claims. (Cl. 214—130)



1. A mucking machine comprising a tractor, a mucking shovel mounted on said tractor for shoveling dirt and for swinging upwardly and rearwardly over said tractor, a conveyor trough fixedly mounted on said tractor and extending longitudinally upwardly and rearwardly over the same, a discharge chute mounted on said tractor, leading from the upper rear end of said conveyor trough, and means for swinging said shovel, with a load of dirt, upwardly and rearwardly through said conveyor trough to said discharge chute into which the dirt discharges from said shovel.

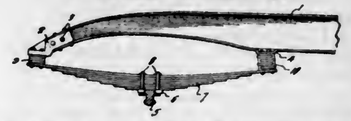
2,063,215
REMOTE CONTROL SYSTEM
Henry S. Young, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application February 1, 1935, Serial No. 4,550
5 Claims. (Cl. 246—3)

1. In combination with an office and a station at which is located apparatus controlled from said office and other apparatus controlled at said station, a combined indication and starting conductor extending between said office and station, a combined indication and control conductor extending between said office and station and normally included in a circuit providing a continuous indication of the condition of said first specified apparatus at the station, means at said office actuated over said first conductor by a change in condition of said other apparatus for indicating such change at the office, relays at the office and



station respectively for transferring said combined indication and control conductor into a control conductor, and means at said office for energizing said relays over said combined indication and starting conductor.

2,063,216
RESILIENT CONNECTION
Edward F. Zaparka, Baltimore, Md., assignor to Federal Spring Company, Coraopolis, Pa., a corporation of Pennsylvania
Application November 30, 1932, Serial No. 645,106
Renewed April 28, 1936
14 Claims. (Cl. 267—30)

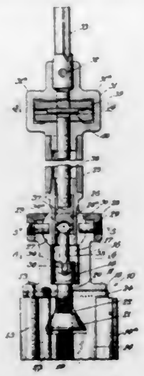


1. In a spring shackle arrangement for a vehicle, a load member, a spring to support the load member at a plurality of points, a supporting member comprising means between the spring and load member having spaced segments, only one of which is capable of free movement, oppositely disposed union links uniting said last mentioned segment at opposite ends to adjacent segments, and a second supporting member comprising means between the spring and load having spaced segments, more than one of which is capable of free movement, and oppositely disposed union links uniting adjacent segments.

2,063,217
CYLINDER GRINDING TOOL ADJUSTING MECHANISM
Herman W. Zimmerman, Chicago, Ill., assignor to Automotive Maintenance Machinery Co., Chicago, Ill., a corporation of Illinois
Application June 11, 1928, Serial No. 284,356
2 Claims. (Cl. 51—184.3)

1. In a cylinder grinding tool, the combination of a frame, a plurality of abrasive members mounted in said frame for expansion and contraction movements, a tubular driven element, means affording universal movement connecting one end of said tubular element to said frame, means adapted for connecting the other end of said tubular element to a driving mechanism, and means for adjusting said abrasive members comprising frame-carried devices engaging said abrasive members and adjustable therealong, an exteriorly-accessible adjusting member carried by said tubular element intermediate said universal connecting means and said drive connecting

means, said adjusting member being capable of actuation by one's hand without changing or detaching any of the tool parts, and connections passing through said tubular element and connected to said adjusting member and to said frame-carried devices, said connections including a shaft rigidly connected directly to said adjusting member and extending through the latter



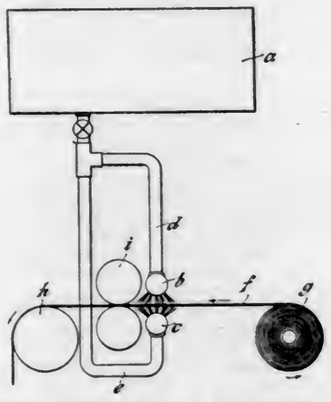
toward said frame, a bearing element fixed to the end of said shaft adjacent said frame and serving to support said shaft rotatably within said tubular element, and a connector member adjacent the universal connection between said tubular element and said frame and detachably connected to both said bearing elements and said frame-carried devices by joint means affording universal action.

2,063,218

ANTISEPTIC OR MEDICATED DRESSING OR MATERIAL AND THE MANUFACTURE THEREOF

Leon Zisserman and Edward Shore, London, England

Application August 22, 1933, Serial No. 686,308
In Great Britain July 26, 1932
2 Claims. (Cl. 167—84)



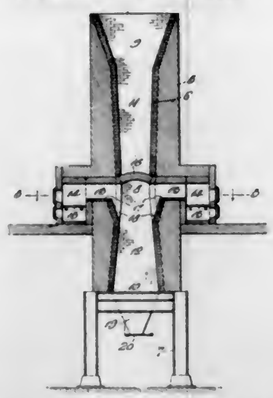
1. A medicated dressing containing fluoborate of sodium (sodium-boro fluoride) in a dry state and in quantity sufficient to render the dressing sterile and lethal and inhibitory to the growth of micro-organisms therein.

2,063,219

SPALL LIME KILN

Charles F. Arnold, Woodville, Ohio

Application February 15, 1936, Serial No. 64,147
5 Claims. (Cl. 263—29)



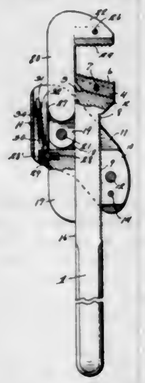
1. A spall lime kiln comprising a stack of rectangular internal cross section between its ends, of inverted conical internal cross section at its upper end, of circular internal cross section at its lower end, and of an internal cross section gradually changing from circular to rectangular from said ends to said rectangular portion, the portion of said stack above said rectangular portion constituting a combustion chamber, the portion of the stack below said rectangular portion constituting a cooling chamber, opposite side walls of said rectangular portion being provided with fire-holes, spall-splitting arches across the stack and extending between said side walls immediately above said fire-holes, said arches being disposed entirely above said fire-holes, and discharge controlling means at the lower end of the stack.

2,063,220

PIPE WRENCH

Vincent Barton, Huntington, Ind.

Application April 28, 1936, Serial No. 76,792
3 Claims. (Cl. 81—106)



1. A wrench comprising an elongated shank having a jaw at one end, an edge of the shank being toothed therealong, the opposite edge face of the shank being straight, a movable shank

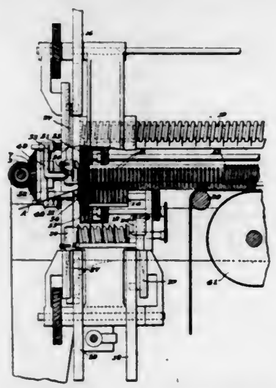
section having contact with the straight edge face of the shank, an outer movable shank section carrying a jaw for coaction with the jaw at the end of the shank, a housing straddling the shank and the adjacent end portions of the movable shank sections, a pin carried by and disposed through the housing, said pin being also directed through the adjacent end portions of the movable shank sections for pivotally connecting said sections one to the other, a flat spring coacting with the adjacent end portions of the shank sections, means for securing an end portion of said spring to one of the sections, and a clutch block carried by the housing and having a toothed face for coaction with the toothed edge face of the shank, said housing having movement transversely of the shank a distance sufficient to disengage the clutch block from the shank.

2,063,221

MACHINE FOR MAKING PILE FABRICS

Ernest K. Bauer, Thompsonville, Conn., assignor to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn., a corporation of Massachusetts

Application December 24, 1934, Serial No. 759,056
8 Claims. (Cl. 154—1)



1. In a machine for making pile fabrics, the combination of a series of upper and a series of lower loop forming members, a feed and a return worm for each of said series, and a transferrer having a portion for positively grasping the upper and lower edges of a loop forming member to positively move the member from one worm to another, cam means for actuating the transferrer and means for detaching the loop forming member from the positive hold of the transferrer when the loop forming member has been moved to its desired position.

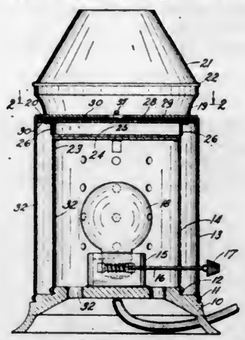
2,063,222

APPARATUS FOR INSPECTING FLUIDS

Frank X. Beau, Cleveland, Ohio

Application May 17, 1933, Serial No. 671,527
11 Claims. (Cl. 88—14)

6. An apparatus for testing used lubricating oil comprising a light, a density standard thereover, an apertured disc superimposed upon said density standard, and a transparent receptacle upon said disc for containing a film of said oil, the apertures in said disc being disposed for registration with contiguous areas of variated translucency in said density standard and a transparent area therein and being adjustably mounted so that the light penetration through



the oil and a pair of the contiguous areas of the density standard may be visually compared.

2,063,223

ALCOHOLIC FERMENTATION OF SUGAR-CONTAINING LIQUIDS

Firmin Boinot, Melle, Deux-Sevres, France

No Drawing. Application June 11, 1934, Serial No. 730,151. In France June 12, 1933
7 Claims. (Cl. 195—110)

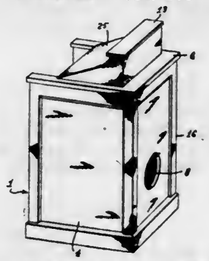
1. In the alcoholic fermentation of sugar-containing nutrient solutions by means of yeast, the steps of controlling the composition of the solution to be fermented so that the "specific cellular saturation" of the yeast cannot exceed 10 kilograms of yeast having 75 per cent. of water to 1,000 litres of sugar solution to be fermented, initiating fermentation of the sugar by the yeast, continuing said fermentation until the said "specific cellular saturation" is attained, and maintaining the said "specific cellular saturation" at the said value in subsequent fermentations by removing the whole of the yeast then present in the solution and using this yeast for the fermentation, under the same conditions, of a fresh volume of solution equal in volume in composition to the first solution.

2,063,224

GROUP-ADDRESS SYSTEM

Edward Lindley Bowles, Wellesley Farms, Mass.

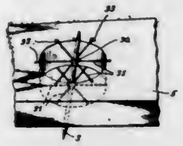
Application September 28, 1932, Serial No. 635,211
7 Claims. (Cl. 179—1)



1. A group-address system having, in combination, a housing, a loud-speaker in the housing oriented to project sound out of the housing, a microphone outside of the housing at a position such that its sensitive surface is disposed in the acoustical shadow of the loud-speaker but close enough to the loud-speaker so that sound from the loud-speaker would be adapted to travel into the shadow to the microphone in appreciable

quantity and thus appreciably actuate the microphone, and acoustic-insulating means positioned in the housing between the loud-speaker and the microphone for preventing the said appreciable actuation of the microphone.

2,063,225
PHONOGRAPH PICK-UP
Edward Lindley Bowles, Wellesley Farms, Mass.
Application October 7, 1932, Serial No. 636,706
8 Claims. (Cl. 179—100.41)

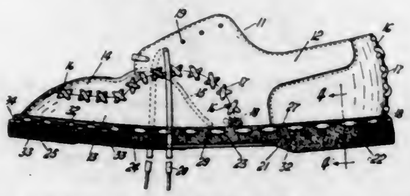


1. Phonographic apparatus comprising means for directing energy rays along a predetermined path, a stylus a portion of which is adapted to be disposed in contact with the sound track of a record of the "hill-and-dale" type, and means for mounting the stylus with said portion in contact with said sound track with another portion of the stylus in said path and so as to cause the stylus to be vibrated substantially axially of itself freely in response to pressure exerted on said first-named portion of the stylus by said sound track, the stylus being unloaded and relatively very light and almost inertialess in order that its vibrations shall follow the record faithfully to cause the recordings on the record to be reproduced with great fidelity and to prevent the stylus from having any noticeable effect of its own on the quality of the reproduced sound recorded on the record.

2,063,226
TRANSFER MATERIAL SUCH AS CARBON PAPER
Roger Braunstein, Paris, France, assignor to Société Anonyme des Anciens Etablissements Braunstein Frères, Paris, France
No Drawing. Application May 4, 1933, Serial No. 669,455. Renewed January 8, 1936. In France May 26, 1932
5 Claims. (Cl. 282—28)

1. A process of manufacturing a transfer paper comprising introducing a stearine producing body into the paper pulp, then manufacturing said pulp into paper and then coating said paper with a copying ink.

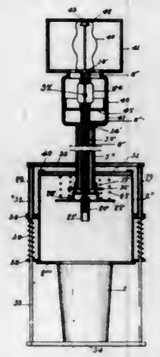
2,063,227
SHOE
Irl B. Calvin, Akron, Ohio
Application February 7, 1935, Serial No. 5,353
10 Claims. (Cl. 36—12)



1. In a sole for shoes and the like, an upstanding, continuous flange secured to the marginal edge thereof, said flange being provided with a plurality of spaced openings closed at one end thereof.

6. A shoe of the character described comprising a sole of molded rubber having an upstanding, continuous flange united to the marginal edge thereof, said flange being provided with a plurality of spaced openings closed at one end by a ruptured web, an upper portion having a plurality of spaced openings along the lower edge thereof in substantial registry with the openings in said flange, and a lacing threaded through said openings and ruptured webs to secure said upper and sole in assembled relation.

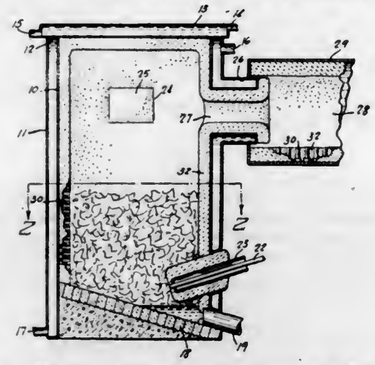
2,063,228
APPARATUS FOR THE DELIVERY OF LIQUIDS
Robert Charmat, Paris, France, assignor to Eugène Charmat, Paris, France
Application January 10, 1934, Serial No. 706,135
In France July 7, 1933
10 Claims. (Cl. 226—115)



1. An apparatus for dispensing under pressure a liquid saturated with gas into a filling container comprising a chamber, means for applying said filling container in a tight manner against said chamber, a reserve container containing the liquid to be dispensed, conduits connecting said chamber upon one hand with said reserve container and upon the other hand with the atmosphere, means controlling the last named of said conduits, means establishing permanent communication between the air spaces in said chamber and in said filling container and means for deforming said chamber in such manner as to cause a reduction of the volume of said chamber and consequently an increase of the pressure of the gas enclosed in said container to be filled and in said chamber.

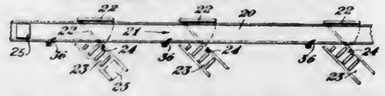
2,063,229
REFRACTORY LINING SUPPORT FOR FURNACES
John Wilson Corriston, Springfield, Pa., assignor of one-half to Raymond E. Griffith, Pittsburgh, Pa.
Application January 29, 1936, Serial No. 61,286
10 Claims. (Cl. 122—6)

1. A chemical recovery furnace of the character described comprising an inner shell, said shells being formed with an outlet for chemicals recovered in the furnace, an outer shell, a plurality of studs extending inwardly from the inner shell,



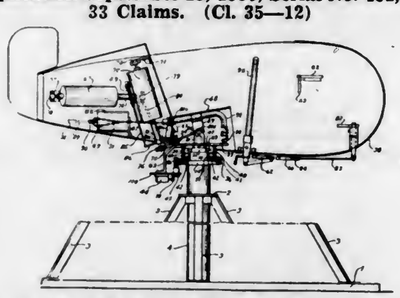
and a refractory lining on the inner shell, held in position thereon by said studs.

2,063,230
CONVEYER MECHANISM
Allen E. Crady, Syracuse, N. Y., assignor to The Lamson Company, Syracuse, N. Y., a corporation of Massachusetts
Application January 17, 1933, Serial No. 652,159
4 Claims. (Cl. 198—38)



1. In a mechanism of the class described, a sticker adapted to be applied to a load having an underlayer of electro-conducting material and a covering layer of non-electro-conducting material through which at certain areas the underlayer is exposed to form targets.

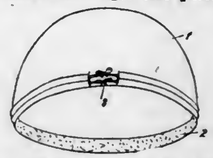
2,063,231
AVIATION TRAINING MACHINE
Levitt L. Custer, Dayton, Ohio
Application September 15, 1930, Serial No. 481,831
33 Claims. (Cl. 35—12)



1. In an apparatus of the class described, a seat, means to tilt the seat, and means operated by the tilting of the seat to lower it.

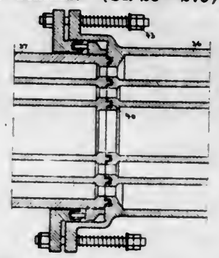
2,063,232
BATHING CAP
Phyllis Audrey Winnifred Davies, Otane, Hawkes Bay, New Zealand
Application July 18, 1935, Serial No. 32,091
In New Zealand May 2, 1935
2 Claims. (Cl. 2—68)

1. In a bathing cap, a layer of sponge rubber on the inner side of the cap around the inner circumference thereof, the lower edge of the layer coinciding with the lower edge of the cap, a pair of passages through the material of the cap immediately over the layer of sponge rubber, a pair of tapes threaded through the passages so as to



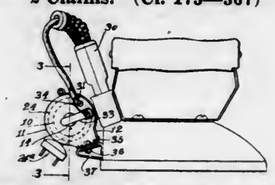
bear upon the sponge rubber and enable it to be tightened against the head of the wearer in two places, the ends of the tapes extending out of the passages at the front of the cap so that they may be tied.

2,063,233
ROTARY TUBE FURNACE
Carl Paul Débuch, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y., a corporation of New York
Application November 9, 1932, Serial No. 641,935
In Germany July 6, 1931
5 Claims. (Cl. 23—279)



4. Fluid tight connection between relatively rotating supply and distributing pipes for fluid media in which a plurality of concentric supply pipes communicate with a plurality of concentric distributing pipes by means of metallic end surfaces provided on the supply and distributing pipes and disposed perpendicularly to the axes of the latter, said end surfaces providing sliding contacts, said connection being further characterized in that a plurality of separate concentric passages are provided for the separate movement of a plurality of fluid streams from said supply pipes into said distributing pipes.

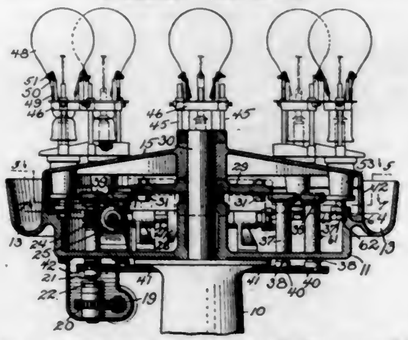
2,063,234
TAKE-UP DEVICE
Emil E. Ehrlich, Tampa, Fla.
Application June 1, 1931, Serial No. 541,283
2 Claims. (Cl. 173—367)



1. A take-up device, forming an accessory part of a manually operated electrical tool, said device comprising a metallic casing, a rotatably journaled spring-urged mandrel within said casing and means on said mandrel for guiding a cord thereon so as to alternately wind it upon

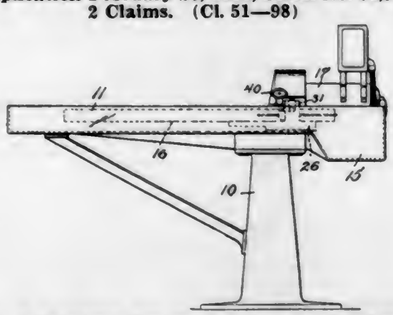
and unwind it from said mandrel in adjacent helical turns when the mandrel is rotated, said mandrel including a pair of terminals, accessible from the outside, for providing electrical connections to the manually operated tool, one of said terminals including an axial insulated conducting pintle of said mandrel with an associated stationary brush on said pintle, the other forming a conducting path with the casing and a spring urged conducting pin, extending from the end of the mandrel and adapted to make a rotary frictional contact with said casing.

2,063,235
SEALING MACHINE
Charles Eisler, South Orange, N. J.
Application June 4, 1935, Serial No. 24,856
5 Claims. (Cl. 49—2)



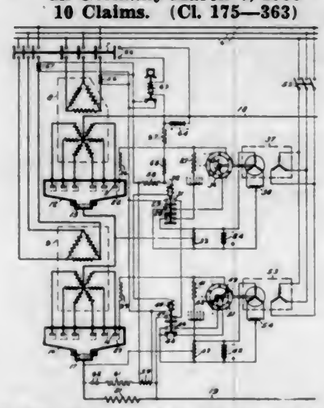
5. A sealing machine for glass bulbs comprising a rotatable cover, a head on the cover, a bulb retaining clamp on the head, stem grasping means slidable vertically in the head for movement both beyond and within the head, the head having an inclined top in order to shed glass fragments from the head when the grasping means is below the top face of the head and the said top face is thereby unobstructed, and means under the cover for operating the grasping means.

2,063,236
MACHINE FOR CUTTING BARS AND TUBES OF GLASS
Charles Eisler, South Orange, N. J.
Application February 20, 1936, Serial No. 64,989
2 Claims. (Cl. 51—98)



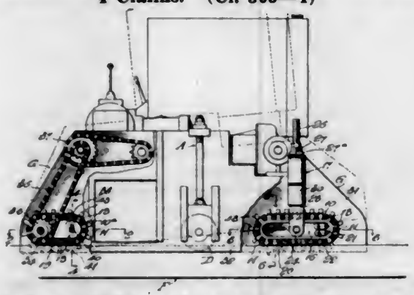
1. A machine for cutting bars and tubes of glass and the like, comprising a trough-like frame, a cutting disc projecting through one wall of the trough, a pair of tracks supported on the sides of the trough and spaced from the bottom thereof, a carriage supported on the tracks and comprising an upright part and a projecting step for supporting a bar, the upright part having a slot in line with the disc, a pair of spaced fingers pivoted to the top of the upright part and adapted to engage a bar on the step beyond the centre of the bar, a shaft to which the fingers are secured, said upright part having bearings in which the shaft is supported, and means for rotatably adjusting the shaft.

2,063,237
ELECTRIC VALVE PROTECTIVE SYSTEM
Emmanuel Fässler, Zurich, Switzerland, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland, a joint-stock company of Switzerland
Application March 7, 1934, Serial No. 714,396
In Germany March 7, 1933
10 Claims. (Cl. 175—363)



1. In an electric valve protective system, an alternating current supply circuit, an electric valve connected with said circuit, a direct current output circuit connected with said valve, energy storage means in said output circuit, and means responsive to the presence of a short circuit condition in said direct current circuit for causing discharge of the energy of the first said means into said alternating current circuit by way of said valve.

2,063,238
ENDLESS TREAD MACHINE
Benjamin H. Flynn, Alexandria, La.
Application February 17, 1936, Serial No. 64,392
4 Claims. (Cl. 305—4)



1. In a mobile machine supporting means, an endless tread chain having longitudinal side links, additional longitudinal links between the sides of the chain, transverse rollers between said side links and said additional links, and tread plates secured to at least some of said links; and a load-supporting chain-guiding track having a horizontal portion resting on the rollers of the lower reach of said chain, said track having at least one curved end occupying a bight portion of the chain and engaging the rollers thereof, said track being straddled by the inner edges of said side links and being peripherally grooved to receive the inner edges of said additional links.

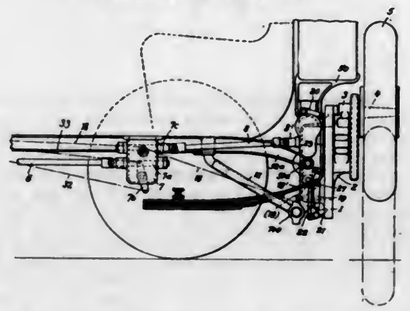
2,063,239
SYNTHETIC RESIN VARNISH COMPOSITIONS
Charles L. Gabriel, Lawrence, N. Y., assignor, by mesne assignments, to Resinox Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application May 11, 1931, Serial No. 536,691
4 Claims. (Cl. 134—26)

1. A coating composition consisting essentially of a heat-hardening synthetic resin, a viscous liquid to deformable solid condensation product of liquid esters containing free carboxyl groups and resulting from the esterification of a polybasic aromatic acid, partly with a polyhydric alcohol and partly with a monohydric alcohol, and a volatile solvent for said resin and condensation product, in such proportions as to produce a liquid of varnish consistency and capable of forming a homogenous, flexible and tough film.

2,063,240
SYNTHETIC RESIN VARNISH COMPOSITIONS
Charles L. Gabriel, Lawrence, N. Y., assignor, by mesne assignments, to Resinox Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application May 11, 1931, Serial No. 536,692
4 Claims. (Cl. 134—26)

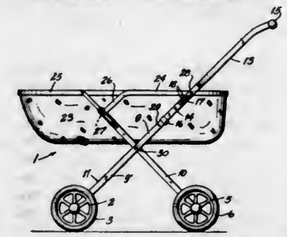
1. A coating composition consisting essentially of a heat-hardening synthetic resin, a neutral liquid glycol phthalate obtained by completely esterifying phthalic acid with a glycol of the group consisting of ethylene glycol and 1,3-butylene glycol, and a volatile solvent for said resin and phthalate, in such proportions as to produce a liquid of varnish consistency and capable of forming a homogenous, flexible and tough film.

2,063,241
PARKING DEVICE
Paul Gangler, Esslingen, near Stuttgart, Germany
Application December 20, 1935, Serial No. 55,335
In Germany May 6, 1935
5 Claims. (Cl. 180—1)



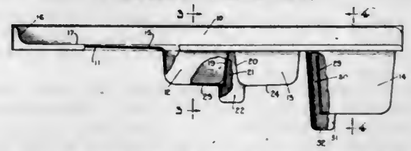
1. A device of the type specified for lifting and traversing one end of an automobile, comprising in combination, a central driving shaft, means comprising a reversible gear to rotate said shaft from the automobile engine, a support turnably mounted on said shaft, a detachable auxiliary wheel rotatably mounted eccentrically on the support, means for transmitting rotation from the shaft to the wheel, controllable means adapted to couple said turnable support with said driving shaft, said support being arranged to move, in its turning movement, the wheel from a lifted inoperative position into a lowered operative position enabling the wheel to lift the end of the car, and means adapted to disconnect automatically the coupling of the turnable support with the driving shaft each time the wheel has been moved into its lowered operative position or into its lifted inoperative position.

2,063,242
LOCKING MECHANISM FOR COLLAPSIBLE BABY CARRIAGES AND THE LIKE
Harry Graser, St. Louis, Mo., assignor to The Perfection Manufacturing Co., St. Louis, Mo., a corporation of Missouri
Application March 26, 1936, Serial No. 70,932
2 Claims. (Cl. 280—41)



1. A locking mechanism for collapsible baby carriages and the like comprising two bar sections pivotally connected near adjacent ends, one of said sections being of double strap construction, a notch in the end of the strap centrally located relative to the other section and strap, spaced studs fixed to the other section, a flat strap-bolt on the other section having slots therein to cooperate with the said studs to permit the bolt to slide along the said other section, a reduced projection on the bolt cooperating with the notch to hold the sections in alignment when the bolt is in locking position, and a U-stop strap fixed to the end of the said other section beyond the pivot point adapted to engage the double strap section to position the pivoted sections prior to locking.

2,063,243
SINK AND LAUNDRY TUB
William C. Groeniger, Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y., a corporation of New York
Application December 29, 1934, Serial No. 759,609
2 Claims. (Cl. 4—187)



1. In a plumbing fixture, a unitary structure including two sinks, disposed laterally relative to one another, the juxtaposed lateral walls of said sinks being spaced from one another, chamber means including said space between the juxtaposed lateral walls, said chamber means extending below the bottoms of said sinks and provided thereat with opening means arranged for

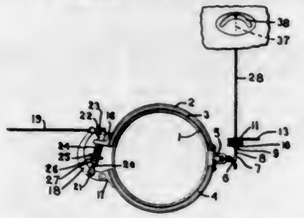
connection to and communication with suitable outlet means, said sinks being respectively provided with lowerly disposed discharge openings in their respective said juxtaposed lateral walls, said chamber means when connected with said outlet means being wholly closed at its walls below the bottoms of said sinks.

2,063,244

EFFICIENCY INDICATING MECHANISM FOR BRAKES

Archibald D. Gulliver, Fitchburg, Mass.

Application December 5, 1929, Serial No. 411,781
12 Claims. (Cl. 265—47)



9. In combination, with a vehicle having a brake drum, a brake shoe, and means for applying the shoe upon the drum, means for yieldingly resisting the turning movement of the brake shoe with the drum, an indicator, and means carried by the brake shoe and connected with said indicator and rendered operative by the movement of the brake shoe with said drum, for indicating the resistance of the brake shoe with respect to the drum.

2,063,245

MEANS AND PROCESS FOR DETECTION OF DETERIORATION OF FOOD

Kurt W. Haeseler, Forest Hills, N. Y., assignor to Foster D. Snell, Inc., Brooklyn, N. Y., a corporation of New York

No Drawing. Application February 1, 1934, Serial No. 709,391
23 Claims. (Cl. 99—171)

17. As an article of manufacture, an hermetically closed evacuated container which contains roasted and ground coffee and a calibrated and retarded chemically reactive detector of oxygen.

20. The method of detecting alteration of food material contained in a hermetically closed container which comprises placing a calibrated and retarded chemical detector of a product of such alteration in said container before closing it, whereby the presence of alteration is shown by a change produced by the chemical action of said product upon said detector.

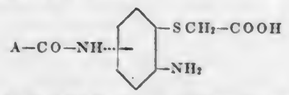
2,063,246

ANTHRAQUINONE DYESTUFFS

Norman Hulton Haddock and Frank Lodge, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application July 28, 1933, Serial No. 682,728. In Great Britain August 2, 1932
7 Claims. (Cl. 260—60)

1. A compound which in the form of free acid has the general formula



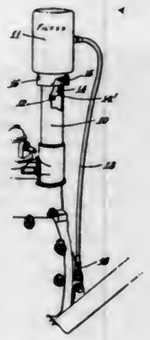
wherein A stands for an anthraquinone nucleus carrying an auxochromic substituent.

2,063,247

AUTO OIL FILTER

Isaac Irving Hance, Meriden, Conn., assignor to The Cuno Engineering Corporation, Meriden, Conn., a corporation of Connecticut

Application November 24, 1934, Serial No. 754,585
4 Claims. (Cl. 210—164)



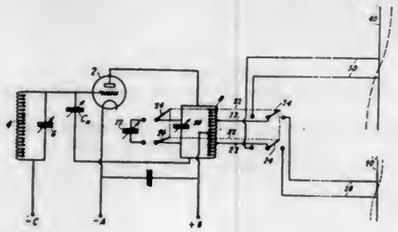
1. In a system of the character described, a filter unit having an inlet and an outlet, and means for detachably mounting the unit at the filling inlet of an oil reservoir, and means for temporarily supporting the unit inverted and in use at the filling inlet of the reservoir.

2,063,248

FREQUENCY CHANGER

Clarence W. Hansell, Rocky Point, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Application May 5, 1927, Serial No. 189,162
Renewed March 9, 1933
18 Claims. (Cl. 250—17)



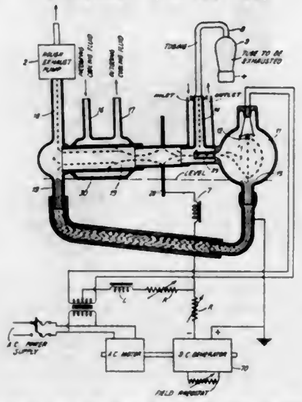
1. An arrangement for day and night transmission of short waves of favorable wave length including an antenna system comprising a plurality of antennæ each tuned to different frequencies, switching means to discriminate between the antennae, a transmitter having a final power amplifier stage, an output circuit for the amplifier comprising a plurality of tuning means adapted to tune the output circuit to any of several frequencies corresponding to the frequencies of said antennas, means cooperating with the tuning means to readily discriminate between the several output circuit frequencies, said antennæ and output circuit frequencies being harmonically related, and means for simultaneously changing the tuning of said output circuit and the antenna coupled thereto.

2,063,249

ELECTRICAL VACUUM PUMP

Clarence W. Hansell, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Original application December 14, 1932, Serial No. 647,189. Divided and this application September 29, 1934, Serial No. 746,060
6 Claims. (Cl. 230—69)



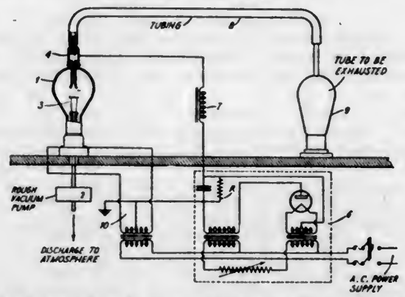
1. An apparatus for exhausting closed receptacles comprising means for producing a stream of gas ions, a condensing chamber, a conduit through which the stream of gas ions flows to the condensing chamber, a second conduit communicating with the receptacle which is to be exhausted and with the first conduit, and means for neutralizing and means for cooling said stream of gas ions.

2,063,250

ELECTRICAL VACUUM PUMP

Clarence W. Hansell, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Original applications December 14, 1932, Serial No. 647,189 and September 29, 1934, Serial No. 746,060. Divided and this application October 28, 1935, Serial No. 47,091. In Germany and Belgium December 14, 1933
7 Claims. (Cl. 230—69)



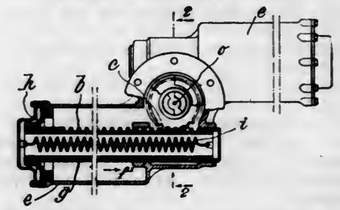
1. Apparatus for removing gas from a receptacle having, in combination, a bulb containing a filament adapted to emit electrons, an anode for receiving said electrons, a tube intermediate said filament and said anode and providing a passage for electrons between said filament and said anode, a closed receptacle which is to be exhausted, a conduit leading from said receptacle to said anode and communicating with said tube, a source of positive potential, a connection from said source to said anode, and a passage from said bulb to the atmosphere.

2,063,251

STARTING DEVICE

Stanislas Hertz and Maurice Pierre Berger, Paris, France

Application October 31, 1933, Serial No. 696,108
In Belgium November 14, 1932
3 Claims. (Cl. 123—179)



1. A starter for internal combustion engines, comprising a shaft connected to the engine, a movable member, means engageable by longitudinal movement of said movable member to couple said movable member to said shaft, a gear having inclined teeth secured on said movable member, and means to turn said movable member and simultaneously to move the same in a direction to engage said coupling means comprising a pair of reciprocating bars having inclined teeth engaging the teeth of said gear at diametrically opposed points thereof, and fluid operated means to move said bars in opposite directions, said movable member being hollow, and manually operable means extending through said movable member engageable with said shaft to turn the same.

2,063,252

VITREOUS ENAMEL AND METHOD OF MAKING SAME

Charles J. Kinzie, Niagara Falls, N. Y., assignor to The Titanium Alloy Manufacturing Company, New York, N. Y., a corporation of Maine

No Drawing. Application February 9, 1934, Serial No. 710,563
3 Claims. (Cl. 106—36.2)

1. In the method of making blue colored vitreous enamels, the steps for making the enamel slip which comprise smelting a row batch of enameling materials substantially in the following proportions in parts by weight: sodium zirconium silicate 26.43; aluminum hydrate 8.06; potash feldspar 9.20; quartz 20.04; sodium nitrate 3.50; borax 32.50; fluorspar 5.41; cryolite 3.44; zinc oxide 12.07; and white titanium oxide 10.00 to form a frit, and then milling said frit with clay and water to form the enamel slip.

2,063,253

VACUUM CLEANING DEVICE

Carl Kühnel, Berlin-Charlottenburg, Germany, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany, a corporation of Germany

Application November 24, 1934, Serial No. 754,583
In Germany November 25, 1933
1 Claim. (Cl. 15—158)

A floor finishing device, comprising an inverted cup-shaped casing, a tubular extension on said casing adapted to be connected to a suction device, a transverse support in said casing, a fan

blade wheel closing the lower portion of said casing and being journalled in said support and having radially extending rows of brush bristles, each row being fixed to the lower edge of one of the fan

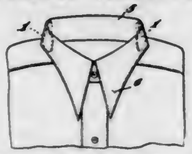


blades, to form a bush with bristles arranged in radiating series and rotated by the blade wheel when the latter rotates due to the air drawn by the suction device through the casing.

2,063,254
CHROME PIGMENTS
Ekbert Lederle, Ludwigshafen-on-the-Rhine, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application December 12, 1933, Serial No. 701,983. In Germany December 15, 1932
8 Claims. (Cl. 134—58)

5. Mixed crystals suitable as yellow to red pigment coloring matters comprising basic lead chromate and at least one basic salt of lead with one of the acids selected from the class consisting of molybdic and tungstic acids.

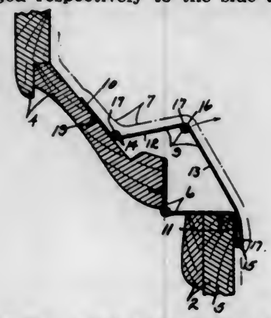
2,063,255
SHIRT ARRANGEMENT
Louis P. G. Madsen, North Troy, and Gustaf A. Wallin, Flushing, N. Y., assignors to Cluett, Peabody & Co., Inc., Troy, N. Y., a corporation of New York
Application August 23, 1935, Serial No. 37,478
8 Claims. (Cl. 223—83)



1. A crease protector for insertion between the collar and neckband of a collar-attached shirt to prevent the collar from creasing at the side when the shirt is folded in flat condition, the protector comprising a piece of stiff flexible sheet material having a width approximating that of the neckband of the shirt and a length less than half the length of such a neckband, the protector being preformed with longitudinal curvature so that it may be readily slipped under one side of a folded collar, then protecting the fold at that side of the collar from creasing without showing and without substantially increasing the bulk of the folded shirt.

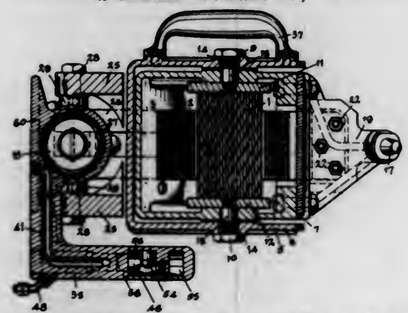
2,063,256
RETAINING STRAP FOR COVERS OR THE LIKE
John C. Marsellus, Syracuse, N. Y., assignor to Marsellus Casket Co., Inc., Syracuse, N. Y., a corporation of New York
Application June 12, 1935, Serial No. 26,207
2 Claims. (Cl. 27—19)

1. In a casket structure wherein a cover member and a side member are hingedly connected along one longitudinal edge and a flexible lining for said members extends loosely across said hinged edges, a retaining means for holding the cover open positioned intermediate the lining and said casket members to be concealed thereby including a pair of strap elements hinged together at adjacent ends, the other ends of said elements being hinged respectively to the side and cover



members of the casket, at least one of said latter hinge connections being spaced from the hinged edge of the corresponding casket member whereby the strap element will be maintained against outward swinging movement by said casket member when the cover is in the open position.

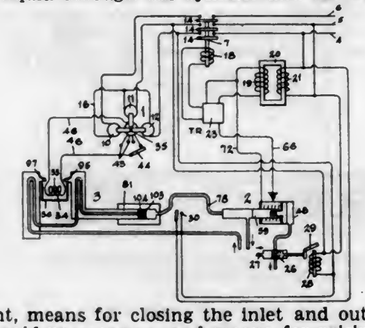
2,063,257
ELECTRIC WELDER
William H. Martin, Detroit, Mich.
Application May 16, 1935, Serial No. 21,700
2 Claims. (Cl. 219—4)



2. In a welder, a transformer having a core, a primary located within the core, a pair of semi-shell parts having overlapping edge portions for enclosing the transformer, one of the shell parts secured to the core and the other of the shell parts pivotally connected to the said one shell part, welding points connected to the secondary, a cylinder connected to one of the shell parts and a piston connected to the other of the shell parts and operative to press the welding points against the work, a handle connected to the cylinder and extending along the side of the first named shell part, a valve located in the end part of the handle for controlling air under pressure to the cylinder, a second handle connected to the second named shell part and located on the side of the welder opposite to that on which the first named handle is located.

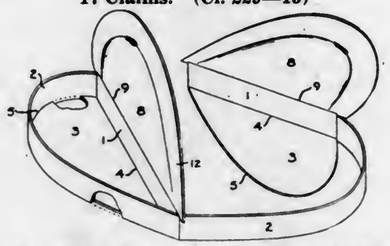
2,063,258
WELDING APPARATUS
William H. Martin, Detroit, Mich.
Application December 26, 1935, Serial No. 56,142
16 Claims. (Cl. 219—4)

5. In a welder, a cylinder and a piston, a welding point operated by the pressure of the cylinder, the welder having a passageway for conducting liquid through the cylinder and the welding



point, means for closing the inlet and outlet of the said passageway, and means for raising the pressure in the said passageway for operating the piston.

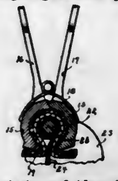
2,063,259
CANDY BOX
John H. McGrath, Seattle, Wash., assignor to Puget Sound Paper Box Company, Seattle, Wash., a corporation of Washington
Application February 15, 1936, Serial No. 64,100
17 Claims. (Cl. 229—15)



1. A blank for a box of the character described, comprising two complemental bottom segments, two partition sections hingedly connected each to the corresponding bottom segment along the edges of the bottom segment which adjoin in the finished box, and a flange section joined at one end in a continuation of each partition piece, and joined at the opposite end to each other, but otherwise having free edges, whereby by joining the flange sections to the respective bottom segments, and by securing the two partition sections in face-to-face relation, to form a box divided into two compartments.

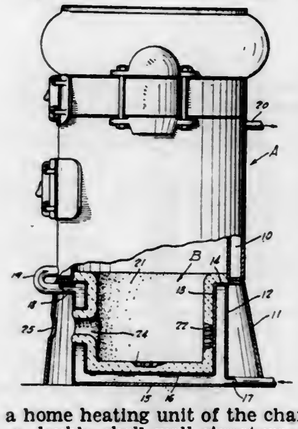
2,063,260
METHOD OF PERMANENTLY WAVING HAIR
Charles O. McIntosh, Des Moines, and Orville R. Essex, Muscatine, Iowa
Application May 18, 1936, Serial No. 80,302
10 Claims. (Cl. 132—36)

1. The method of permanently waving hair, consisting in the subjecting of the hair to a curling solution, the coiling of the hair around an elongated member, the saturating of a pad member with the curling solution, the placement of the pad member around the coil of hair, the placement of a pad member impregnated with an oil around said first mentioned pad member, the pre-heating of a pad engaging and embracing member, applying the said last mentioned member over and around said oil impregnated pad while still hot from said pre-heating for raising the temperature of the pads, solution, and hair, to first steam the hair by virtue of the curling solution and secondly to drive the warm oil from the oil impregnated pad into the hair



for neutralizing certain of the ingredients harmful to the hair in the curling solution after the said curling solution has served its purpose and lastly the removing of the pad embracing and engaging member, the pads, and the elongated member and wave-setting the hair.

2,063,261
REFRACTORY LINING SUPPORT FOR HOME HEATING UNITS
Jay Edward Mees, Merion, Pa., assignor of one-half to John Wilson Corriston, Springfield, Pa.
Application March 2, 1936, Serial No. 66,516
5 Claims. (Cl. 122—368)

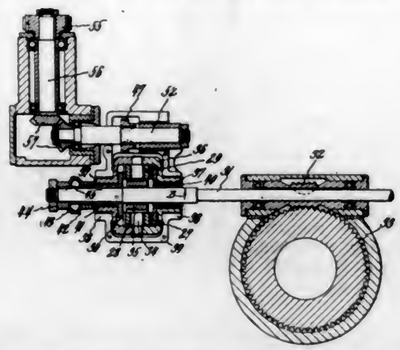


1. In a home heating unit of the character described, a double shell wall structure about the zone of fuel combustion, said wall structure comprising inner and outer walls, metallic studs outstanding inwardly from the inner wall, and a refractory lining on said inner wall maintained and supported in position by said studs.

2,063,262
VARIABLE DRIVING MECHANISM
Edward W. Miller, Springfield, Vt., assignor to The Fellows Gear Shaper Company, Springfield, Vt., a corporation of Vermont
Application October 9, 1933, Serial No. 692,802
7 Claims. (Cl. 90—9)

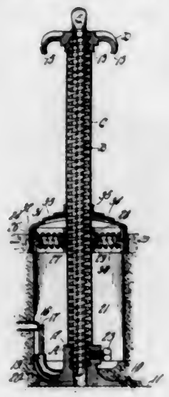
7. In a gear generating machine having a rotatable and reciprocative cutter spindle, a worm wheel in splined driving connection with said spindle, a self locking worm in driving mesh with said worm wheel, and also having a main driving shaft; a differential driving mechanism for said worm comprising a driven sun gear in rotation transmitting connection with the worm, an independently rotatable driving sun gear and an intermediate planet pinion in mesh with both sun

gears; mechanism driven from the main shaft for rotating said driving sun gear, a planet pinion carrier angularly movable about the axis of the sun gears having a protruding arm, a cam rotatably supported to impart angular movement to



said carrier and thereby to the planet pinion around said axis, and driving connections between said main shaft and cam whereby the latter is driven in timed relation with the driving sun gear.

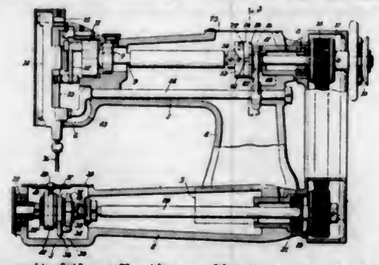
2,063,263
STANCHION
Jerry Murphy, Cleveland, Ohio
Application February 5, 1934, Serial No. 709,759
9 Claims. (Cl. 188—32)



1. A stanchion having a foot adapted to be anchored in the ground, an upwardly extending spring having one end thereof anchored in said foot, a casing loosely telescoped over said spring and unsecured to any part of the stanchion, and an object grabbing head anchored to the other end of said spring.

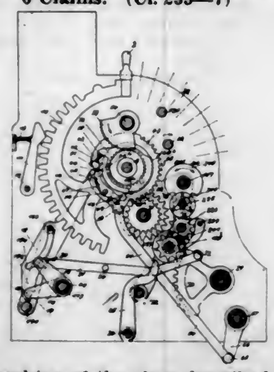
2,063,264
SEWING MACHINE
Walter Myers, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application October 8, 1935, Serial No. 44,002
20 Claims. (Cl. 112—210)

1. Feeding mechanism for sewing machines including a plurality of feeding elements, adjustable eccentrics having operative connections with the respective feeding elements, and means for



concomitantly effecting adjustments of the eccentricities of said eccentrics.

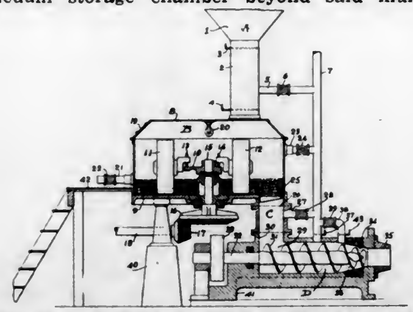
2,063,265
CASH REGISTER AND THE LIKE
Willy-Naumann, Bielefeld, Germany, assignor to Anker-Werke Aktiengesellschaft, Bielefeld, Germany
Application October 29, 1931, Serial No. 571,920
6 Claims. (Cl. 235—7)



1. In a machine of the class described, amount setting means, actuators controlled by said amount setting means, a balance mechanism controlled by said actuators comprising a rockable frame, counting wheels mounted in said frame, one for each order of said balance mechanism, a reversing pinion in constant engagement with each counting wheel, a second rockable frame for carrying said reversing pinions, means for directly rocking said counting wheels into engagement with said actuators during the forward movement of the latter for additive transmission of amounts into said balance mechanism and for disengaging said counting wheels from said actuators during their return movement, and means for rocking said second frame carrying said reversing pinions into engagement with said actuators during the forward movement of the latter for subtractive transmission of amounts into said balance mechanism.

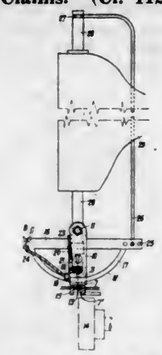
2,063,266
MIXER FOR DE-AIRING CLAY
Louis Robert Pape, Dayton, Ohio, and Lester B. Knight, Jr., Chicago, Ill., assignors to Herbert S. Simpson, Chicago, Ill.
Application March 30, 1933, Serial No. 663,570
5 Claims. (Cl. 83—45)

3. The combination with a chamber having a muller therein comprising a bed plate and a plurality of rotating members pressing thereon, of sealed means for supplying moistened material thereto, means for supplying liquid to said chamber to increase the plasticity of said moistened material, means for maintaining a sub-atmospheric pressure within said muller chamber, a vacuum storage chamber beyond said muller



chamber for receiving the ground and kneaded moistened material therefrom, and means for discharging said moistened material and for preventing the ingress of air whereby to simultaneously grind and knead said moistened material and increase its plasticity while withdrawing air therefrom.

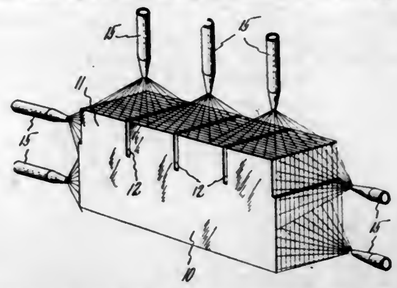
2,063,267
RUG-MAKING ATTACHMENT FOR SEWING MACHINES
Heinrich Perkons, Libau, Latvia, assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application March 6, 1935, Serial No. 9,553
In Latvia November 1, 1934
19 Claims. (Cl. 112—101)



1. A sewing machine attachment, comprising a work-engaging foot presenting a needle-aperture, a yarn-laying member mounted on said foot for vibratory movement in a plane close to said aperture, and a loop-detaining member mounted on said foot for vibratory movement in a path transverse to the path of movement of said yarn-laying member and positioned to receive movement from said yarn-laying member.

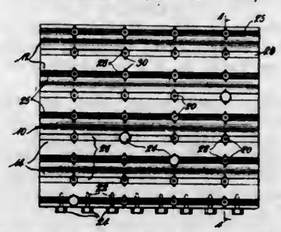
2,063,268
ROOFING UNIT AND METHOD OF MAKING THE SAME
John H. Plunkett, Bronxville, N. Y., assignor to The Patent and Licensing Corporation, New York, N. Y., a corporation of Massachusetts
Application May 15, 1933, Serial No. 671,084
7 Claims. (Cl. 91—68)

5. A semi-flexible roofing unit of the asphaltic type having a stiffening element on its weather



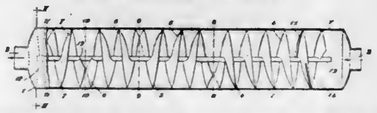
edges consisting of an edge coating of waterproof material including an insolubilized silicate.

2,063,269
ELEMENTARY MUSIC NOTATION DEVICE
Cary H. Randolph, St. Louis, Mo.
Application January 24, 1936, Serial No. 60,669
5 Claims. (Cl. 84—471)



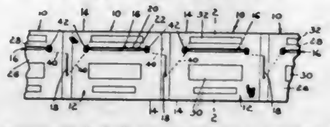
1. A device of the character described, comprising a body having a face thereof lined to represent a music staff, said lined portions and the spaces intermediate the lined portions having parallel surfaces contrasting in elevation whereby the lines and spaces may be located by touch, spaced sockets in said lines and spaces, the surface adjacent the mouth of said sockets contrasting in elevation with the adjoining surface thereby to provide touch responsive means for locating the sockets and headed stems selectively engageable in said sockets for representations of note symbols.

2,063,270
SILENCER FOR INTERNAL COMBUSTION ENGINES
Giorgio Bacchetti-Righetti, Rome, Italy
Application September 18, 1935, Serial No. 41,154
In Italy June 3, 1935
1 Claim. (Cl. 181—66)



A silencer for internal combustion engines comprising a casing having an inlet and an outlet, a shaft extending longitudinally through said casing, a plurality of sections of helical vanes disposed along said shaft, the pitch of alternate sections being in opposite directions, so that a change of direction of rotation is imparted to the exhaust-gases from one section to the other, and the longitudinal extent of each section being successively smaller than that of the preceding section in the direction of the outlet.

2,063,271
GARMENT LABEL
Jack V. Scott, Abington, Pa., assignor to Quality Weaving Company, Philadelphia, Pa.
Application August 22, 1936, Serial No. 97,319
8 Claims. (Cl. 40—2)

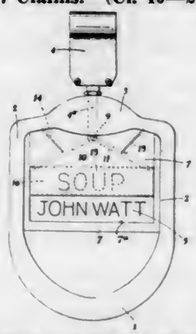


1. A garment label comprising a woven fabric body portion having selvage edges and provided with a slot extending in parallel relation to said edges and terminating at its opposite ends in spaced relation to the ends of the body portion, said body portion having selvage edges defining confronting sides of said slot, the ends of said body portion being foldable adjacent the ends of said slot to provide stitching portions for attaching the label to a garment.

2,063,272
ROTPROOF MATERIALS FROM CELLULOSE FIBERS
Fritz Siefert and Hans Kaemmerer, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application May 10, 1934, Serial No. 725,020. In Germany May 18, 1933
18 Claims. (Cl. 91—68)

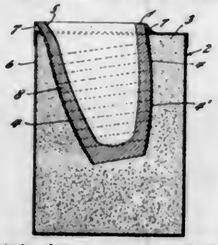
1. The process which comprises impregnating cellulosic fibers of the group consisting of sacks, ropes, fishing nets, sails, tents, and awning material with an azo dyestuff containing at least two nitro groups in its molecule and having good fastness to light and water, in sufficient amount to impart fastness to rotting.

2,063,273
SUPPORTING AND ADVERTISING OR DISPLAY DEVICE FOR PERSONS STANDING IN PUBLIC VEHICLES
Leopold Singer, Berlin, Germany, assignor to N. V. Textima Textielnijverheid en Handel-Maatschappij, Amsterdam, Netherlands
Application April 3, 1936, Serial No. 72,525
In Germany August 5, 1935
17 Claims. (Cl. 40—28)



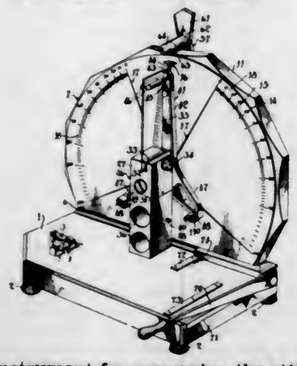
1. A supporting and display device, for persons standing in vehicles, comprising suspension means, a handle loop mounted by the suspension means for limited up and down movements relative thereto, and means within the confines of the handle loop whereby said movements cause display matter to appear and disappear.

2,063,274
ELECTRIC FURNACE
Henry E. Stauss, East Orange, and Joseph Ogden, Kearny, N. J., assignors to Baker & Co., Inc., Newark, N. J., a corporation of New Jersey
Application June 29, 1935, Serial No. 29,110
1 Claim. (Cl. 13—1)



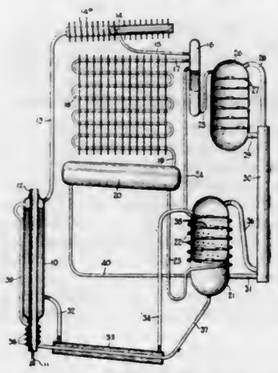
In an electric furnace, a container having a vertically extending wall, a crucible of heat-conducting material disposed within said container and having one wall thereof inclined to the vertical, with its upper edge substantially at the upper edge of the container wall and its lower portion spaced from said container wall, said crucible wall extending continuously upwardly to its said upper edge, whereby said upper edge of the crucible wall forms a spoutless pouring lip, insulating material disposed in said container and supporting said inclined crucible wall, and an electric heating element arranged to heat the crucible wall, whereby said crucible wall is thoroughly supported and heat may be imparted to and retained by said lip.

2,063,275
APPARATUS FOR MEASURING THE STIFFNESS OF FLEXIBLE MATERIALS
Ralph F. Taber, North Tonawanda, N. Y.
Application August 7, 1934, Serial No. 738,792
34 Claims. (Cl. 265—17)



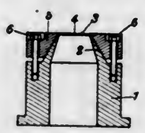
1. An instrument for measuring the stiffness of flexible materials, comprising a pair of relatively movable members, means for retarding movement of one of said members relative to the other, one of said members having means for supporting one end of a strip of material of fixed size to be tested with the other end adapted to engage the other member, said members being operable to secure flexing of said strip in relative movement, means on one of said members for engaging the other to limit relative movement of said members and flexing of said test strip to a given amount, and means for indicating the stiffness of said strip when flexed said given amount.

2,063,276
ABSORPTION TYPE REFRIGERATING SYSTEM
Albert R. Thomas, New York, N. Y., assignor, by mesne assignments, to Servel, Inc., Dover, Del., a corporation of Delaware
Application May 25, 1932, Serial No. 613,387
21 Claims. (Cl. 62—119.5)



11. The method of refrigeration with an absorption system of the pressure equalized type which includes, condensing refrigerant fluid to liquid at a first level, evaporating the liquid at a higher level, and utilizing heat of absorption to raise the liquid between said levels.

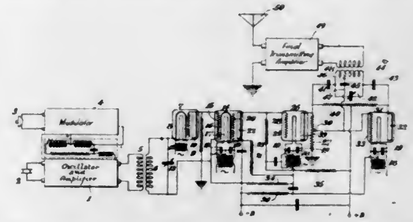
2,063,277
SLIT FORMING DEVICE FOR RECORDING OR REPRODUCING PHOTOGRAPHIC SOUND RECORDS
Dénes von Mihály, Berlin-Wilmersdorf, Germany
Application March 21, 1935, Serial No. 12,327
In Germany July 5, 1934
4 Claims. (Cl. 179—100.31)



1. A slit forming device for recording or reproducing photographic records comprising a hollow body having one of its ends pointed, said body having a slit in the frontal area of the pointed end thereof, and a squeezing body having sloping internal walls and means to move said squeezing body in a direction transverse to the frontal area of the hollow body and exert inward pressure on the sides of the pointed end of said body.

2,063,278
TRANSMITTING SYSTEM
Carl J. R. H. von Wedel, West Orange, N. J.
Application January 13, 1931, Serial No. 508,437
Renewed August 12, 1935
6 Claims. (Cl. 250—17)

1. The method of transmitting a high frequency carrier wave modulated with a complex audio signal composed of various frequencies at varying amplitudes which comprises creating a modulated high frequency wave the average energy of which over a period of several audio cycles remains substantially constant with or without modulation, rectifying this modulated high frequency wave and using trains of high frequency impulses to bias at audio frequencies the control grid of an amplifying tube through which the high frequency wave is passed, thereby suppressing the average amplitude of the unmodulated carrier and building up its average energy continuously and only once for each audio cycle of the modulating wave in direct proportion to its amplitude and creating a carrier the average transmitted energy of which during each cycle of the modulating audio wave remains substantially directly proportional to the instantaneous maximum amplitude of the modulating wave.



2,063,279
CASING TREATMENT
Charles T. Walter, Chicago, Ill., assignor to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
Application May 28, 1936, Serial No. 82,269
14 Claims. (Cl. 99—175)



6. A sausage casing comprising a portion of animal intestine having an outer film of cellulose bonded thereto with a protein precipitant and printed characters between the outer surface of the intestine and the film of cellulose.

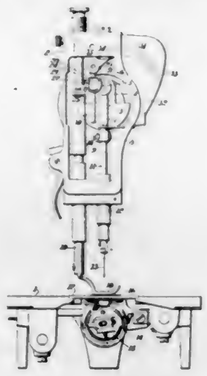
8. A sausage casing comprising a portion of animal intestine having an outer film of cellulose bonded thereto with formaldehyde.

13. A sausage comprising a casing and a filling including meat, the casing comprising a portion of animal intestine having an outer film of cellulose bonded thereto with formaldehyde and bearing printed characters.

2,063,280
TAKE-UP MECHANISMS FOR SEWING MACHINES
Max L. Waterman, Fairfield, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application June 29, 1935, Serial No. 28,996
10 Claims. (Cl. 112—241)

1. Thread take-up mechanism for sewing machines comprising, a pivotally mounted take-up lever, and supporting and actuating means for said lever including a crank-member, a connec-

tion-element freely movable in a direction substantially parallel to the turning axis of said



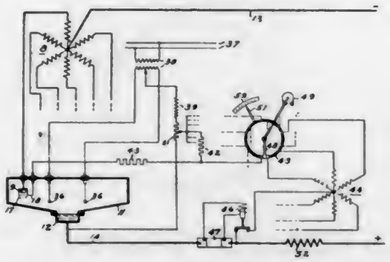
crank-member, and a universal-joint connection incorporated in said means.

2,063,281

ELECTRIC CURRENT RECTIFYING SYSTEM

Stefan Widmer, Baden, Switzerland, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland, a joint-stock company of Switzerland

Application February 5, 1932, Serial No. 591,013
In Germany February 5, 1931
7 Claims. (Cl. 175—363)



1. In an electric current rectifying system comprising an alternating current supply line, an electric current rectifier of the vapor arcing type having a plurality of anodes, a control electrode associated with each of said anodes, and a vaporizable cathode, and a direct current output circuit for the rectifier; a plurality of sources of electrical potential, the positive terminal of one of said sources and the negative terminal of another of said sources being connected with said cathode a negative terminal of the said one source being continuously connected with each of the said control electrodes, the positive terminal of the said another of said sources being arranged for connection with the said control electrodes, a distributor operable to effect the sequential connection of the positive terminal of said another of said sources with the control electrodes, a relay for disconnecting the said another of said sources from the said cathode upon the occurrence of disturbances within the system, and means for operating said distributor in synchronism with the frequency of the alternating current line.

2,063,282

MEANS FOR WINDING NATURAL SILK THREADS ON BOBBINS

Wilhelm Wilke, Hanover, Germany, assignor to Seidenwerk Spinnhutte Aktiengesellschaft, Hanover, Germany, a German company

Application March 19, 1936, Serial No. 69,674
In Germany April 16, 1934
10 Claims. (Cl. 19—3)



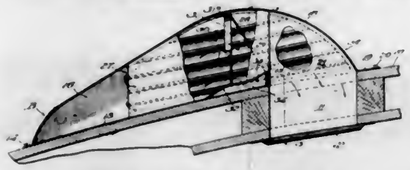
1. An installation for winding natural silk threads on bobbins comprising spinning devices for unwinding the threads from cocoons, a spinning compartment housing said spinning devices, winding devices for winding the threads on bobbins, a separate compartment housing said winding devices, drying conduits through which the threads are led from said spinning compartment to said winding compartment, and means for passing hot air through said conduits in the direction opposite to the direction of travel of the threads.

2,063,283

VENTILATING DEVICE FOR CARS

Nicholas L. Willer, Chicago, Ill., assignor to Railway Utility Company, Chicago, Ill., a corporation of Illinois

Application July 10, 1935, Serial No. 30,610
5 Claims. (Cl. 98—13)



1. A ventilator of the class described comprising a casing having a bottom wall formed to provide an opening adapted for connection with a car inlet opening, end and top walls, the forward end wall being provided with openings for the admission of air to the casing in quantity varying with the speed of the car, means for dividing the interior of said casing into substantially parallel air inlet and air stabilizing chambers interconnected at a point laterally of said forward end wall openings, and control means between said stabilizing chamber and said bottom opening for admitting substantially the same amount of air to the car regardless of varying car speeds.

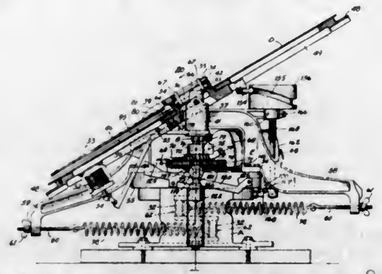
2,063,284

TARGET TRAP

Henry E. Winans, Alton, Ill.

Application March 8, 1934, Serial No. 714,556
49 Claims. (Cl. 124—6)

38. A target trap provided with a throwing arm to discharge the target, a spring to actuate said throwing arm, a source of power for energizing said spring, and a centrifugal clutch through which the power is transmitted to said spring, said centrifugal clutch including a driving clutch member connected to said source of power, and a driven clutch member yieldingly supported adjacent to the periphery of said driving clutch member and movable in response to centrifugal force, said driven clutch member being connected to said spring and throwing arm and adapted to engage said driving clutch member, said driven clutch member being connected to said spring and throwing arm and centrifugally held in inoperative positions during the rapid movements of said throwing arm, and said centrifugal clutch member being movable toward said driving clutch member in response to a substantial decrease in the speed of said throwing arm.



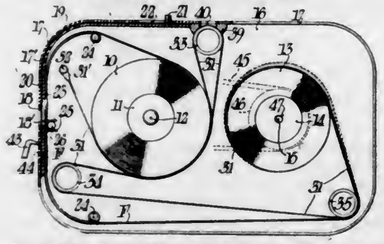
44. A target trap comprising a throwing arm to discharge the targets, said throwing arm being adjustable in an arcuate course to vary the angle of discharge of the targets, and also tiltable in another direction to vary its angle of elevation, operating means for energizing said throwing arm, and adjusting devices driven by said operating means to unexpectedly determine the flight of the target.

2,063,285

FILM HANDLING APPARATUS

Otto Wittel, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

Application April 10, 1934, Serial No. 719,887
21 Claims. (Cl. 88—17)



1. In a film handling apparatus, the combination with a pair of supports each for rotatably supporting a film roll, and film moving means for unwinding film from one film roll and onto the other film roll, of a flexible strip fixed at one end and adapted partially to encircle one film roll outside of the outer convolution and adapted partially to encircle the other film roll inside of the outer convolution.

2,063,286

NAPHTHALENE POLYCARBOXYLIC ACID DERIVATIVE AND PROCESS FOR PREPARING THE SAME

Max Wyler, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application May 23, 1935, Serial No. 23,129. In Great Britain May 23, 1934
8 Claims. (Cl. 260—108)

1. The process for producing a naphthostyril-α-carboxylic acid which comprises heating naphthalene-1,4,5-tricarboxylic acid with ammonia to form naphthalimide-α-carboxylic acid, treating the same in alkaline solution with a halogen to form a 1-aminonaphthalene-α,8-dicarboxylic acid and dehydrating the resulting product to form a naphthostyril-α-carboxylic acid.

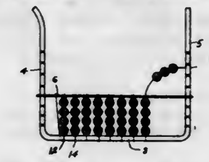
5. A compound of the class consisting of naphthalimide-α-carboxylic acid, 1-aminonaphthalene-α,8-dicarboxylic acid and naphthostyril-α-carboxylic acid, said compounds respectively being identical with those obtainable from 1,4,5-naphthalene-tricarboxylic acid when the same is subjected to amidation with ammonia, the resulting compound is subjected to the Hofmann reaction, and the second resulting compound is subjected to dehydration.

2,063,287

CALCULATING DEVICE

Herbert Austin Aikins, Cleveland, Ohio

Application October 24, 1932, Serial No. 639,178
Renewed May 28, 1936
7 Claims. (Cl. 35—32)



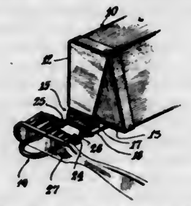
1. A calculating apparatus which comprises a flexible cord, a series of counters thereon, a device having spaced edges about which the cord is to be wound for exposing groups of counters in accordance with the spacing and means whereby the distance between said spaced edges may be varied.

2,063,288

DISPENSING CONTAINER

Frank C. Allen, Jr., Pelham Manor, N. Y.

Application September 13, 1934, Serial No. 743,821
8 Claims. (Cl. 221—98)



1. In a dispensing container the combination of an apertured wall of the container, a measuring scoop fitted into the aperture and hinged on said wall along one edge of the top of said scoop, and a handle integral with and extending from the opposite edge of the top of said scoop to hinge the latter out of said aperture; said handle being formed to receive an instrument and be operated thereby when said instrument is positioned to receive the powdered or granular contents of said scoop, and being positioned with respect to said scoop to be out of the path of the discharged material.

2,063,289

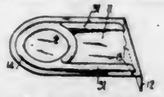
SUPPORT

Joseph G. Alusas, Sharon Hill, Pa.

Application July 31, 1935, Serial No. 33,983
3 Claims. (Cl. 47—40)

1. In a structure for supporting potted plants and the like for attachment to a window frame

having a sill and a sash, said structure being formed entirely of a single piece of relatively light sheet material; the combination of a substantially horizontal support for disposition upon the window sill in overhanging relation, a vertical flange bent downwardly from an end of the horizontal support for disposition intermediate of the sill and the sash, means formed on the



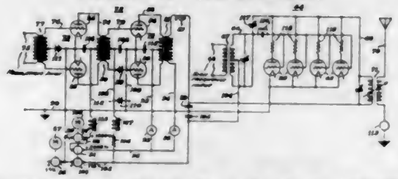
vertical flange of the aforesaid piece of sheet metal for piercing the outer surface of the window sill and for supporting the structure entirely at that end, and a completely circular raised portion formed in the horizontal support and defining an imperforate basin for supporting the plant, for retaining moisture and for stiffening the horizontal support.

2,063,290
RADIO SIGNALING SYSTEM

Loy E. Barton, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Original application January 15, 1932, Serial No. 586,874. Divided and this application May 31, 1934, Serial No. 728,267. In Mexico January 15, 1932

10 Claims. (Cl. 179—171)



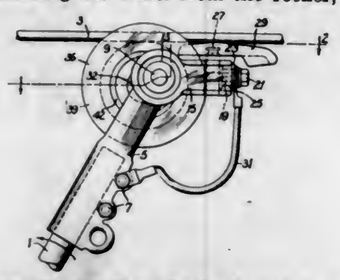
1. The combination with a radio frequency vacuum tube amplifier, having an anode circuit, of means for supplying audio frequency power to said anode circuit, said means including an audio frequency amplifier having a balanced audio frequency input circuit and a balanced audio frequency output circuit, an impedance changing device interposed between said last named circuit and the first named anode circuit as a coupling device, the coupling ratio being such that the output circuit operating impedance is less than the internal impedance of said amplifier, and the input circuit having an impedance which is lower than the lowest input operating impedance of said amplifier, whereby the power output may be proportional to the square of the input potential.

2,063,291
TROLLEY COLLECTOR

Arthur W. Baumgarten, Joliet Township, Will County, and Harvey S. Pardee, Ravinia, Ill., assignors, by mesne assignments, to Hydromatic Corporation, Chicago, Ill., a corporation of Illinois

Application October 9, 1933, Serial No. 692,848
5 Claims. (Cl. 191—58)

1. A trolley collector for a trolley pole comprising a harp mounted on and electrically contacting the pole, a rocker, a rotatable trolley wheel on said rocker, a collecting shoe attached to said rocker, means for pivoting the rocker to the harp at a point between the center of rotation of the wheel and the region of contact between the trolley and shoe, means for insulating the collector shoe from the rocker, means for carrying current therefrom to the pole, means for insulating the wheel from the rocker, and a

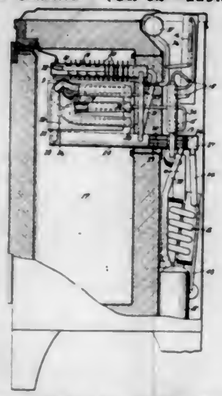


resilient core for the wheel adapted to contact the trolley.

2,063,292
REFRIGERATION

Harry K. Bergholm, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del., a corporation of Delaware

Application April 16, 1935, Serial No. 16,555
In Germany April 19, 1934
3 Claims. (Cl. 62—119.5)



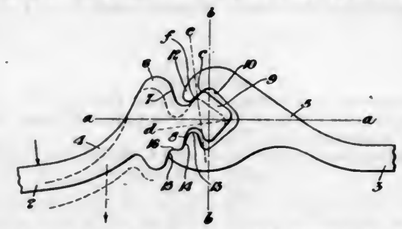
3. In a refrigerator having a thermally insulated compartment, absorption refrigeration apparatus including a first evaporation member comprising a pipe coil in the upper part of said compartment, a second evaporation member comprising a conduit having relatively extensive heat transfer surface and arranged above said pipe coil so that air in said compartment is cooled by natural flow downwardly over first said upper evaporation member and then said lower evaporation member, an absorber interconnected with said pipe coil for circulation of inert auxiliary gas therebetween, an air cooled condenser having connections for delivery of liquid to both said evaporation members, and means for conducting part of the inert gas from said pipe coil to said absorber in a path of flow including said upper evaporation member, whereby said upper evaporation member operates at a temperature higher than that of said pipe coil, and air in said compartment is cooled in two stages.

2,063,293
PILING SECTION

Adolf Borberg, Short Hills, N. J.

Application April 6, 1935, Serial No. 15,122
2 Claims. (Cl. 61—62)

1. In combination with piling sections employing an interlock device of the tongue-and-groove type, of means entirely extraneous to said interlock device for limiting the rotation of the sections when in assembled relationship, said means

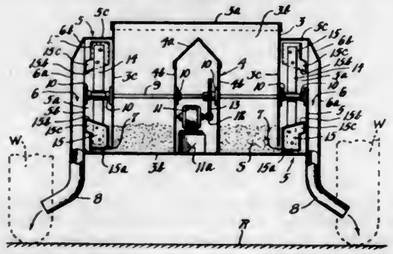


comprising a lug on one of said assembled sections, the other of said assembled sections having a recess to receive said lug.

2,063,294
ROAD SANDER FOR VEHICLES

Robert L. Bowman, Chaska, Minn.

Application November 6, 1935, Serial No. 48,507
1 Claim. (Cl. 291—32)

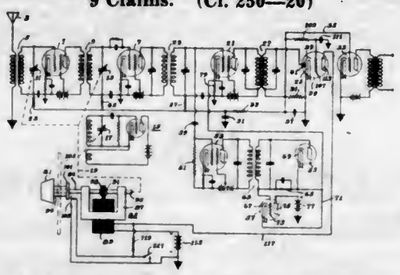


Road sanding apparatus for wheeled automotive vehicles including a receptacle for granular material, means for supplying said material to said receptacle to maintain a substantially constant depth of material in said receptacle, a rotatable element, a dip cup carried by said rotatable element in such position as to dip into said material during one portion of a revolution to pick up a portion of said material, said cup having a material receiving opening in the side thereof facing in the direction of rotation, a discharge spout on the radially inward portion of said cup directed at an angle to the plane of rotation of said cup, and means for receiving material discharged from said spout and conducting the same to a point ahead of a wheel of said vehicle.

2,063,295
RADIO RECEIVER

Rene A. Braden, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application December 1, 1933, Serial No. 700,472
9 Claims. (Cl. 250—20)

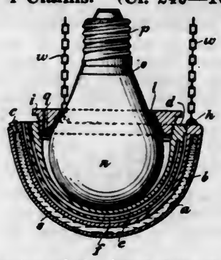


1. A radio receiver comprising a tunable circuit for selecting a carrier wave, said tunable circuit including a variable tuning unit, a manual tuning control device, a clutch for mechanically coupling said tuning unit and said tuning device, and means for disengaging said clutch in response to the selection and reception of a carrier wave by said tunable circuit.

2,063,296
APPARATUS OF A LIGHT FILTER FOR ELECTRIC LAMPS

Albert Braune, Artern, Germany

Application April 27, 1934, Serial No. 722,802
In Germany April 6, 1933
4 Claims. (Cl. 240—107)



1. In a device of the kind described, a plurality of nested vessels shaped tc surround the end of an incandescent lamp opposite its base, each of said vessels having spaced inner and outer walls to provide a chamber, the chamber in the inner vessel being evacuated to form a vacuum chamber and the chamber in the outer vessel being filled with transparent fluid.

2,063,297
ACID HARDENING FIXING COMPOSITION AND METHOD OF PREPARING THE SAME

John I. Crabtree and Harold D. Russell, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

No Drawing. Application October 25, 1934, Serial No. 749,924
12 Claims. (Cl. 95—88)

1. The method of rendering immune to sulfurization the sodium thiosulfate crystals contained in a powdered composition adapted for making up a photographic fixing bath and comprising sodium thiosulfate, sodium sulfite, alum, and a solid organic acid, which comprises enclosing the surfaces of the crystals of thiosulfate in a sulfite selected from the group consisting of sodium sulfite, and triethanolamine sulfite, whereby access of acid in the composition to the crystals is prevented and employing the coated crystals as an ingredient of said composition.

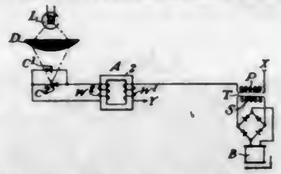
2,063,298
LIGHT RESPONSIVE APPARATUS

Paul H. Crago, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application October 27, 1934, Serial No. 750,345
10 Claims. (Cl. 246—29)

1. In combination, a first and a second winding in mutual inductive relation, a circuit for said first winding including a source of alternating current, a relay receiving energy from said circuit, a closed circuit for said second winding including light responsive means character-

ized by relatively high resistance when dark and relatively low resistance when subjected to the action of light, and means for at times subjecting said light responsive means to the action of light, said parts being so proportioned that when said light responsive means is dark the impedance



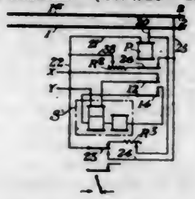
of said first winding is such that said relay is not effectively energized whereas when said light responsive means is subjected to the action of light the reduced resistance of said closed circuit reduces the impedance of said first winding to such value that said relay becomes effectively energized.

2,063,299
TRIMMING
Charles S. Clinch, Sr., Swampscott, Mass., assignor to Haverhill Shoe Novelty Company, Haverhill, Mass., a corporation of Massachusetts
Application October 16, 1935, Serial No. 45,244
18 Claims. (Cl. 28—1)



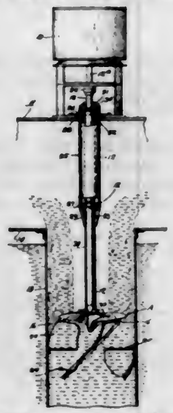
1. A flexible trim consisting of three strands only, one of said strands being a core strand extending substantially straight from end to end of the trim, and the other strands being so wrapped about the core strand and entwined with each other as to cover the core strand and form a coherent structure of flattened transverse section.

2,063,300
RAILWAY TRACK CIRCUIT APPARATUS
Arthur E. Dodd, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application November 8, 1934, Serial No. 751,970
21 Claims. (Cl. 246—41)



1. In combination with a section of railway track and a source of current connected across the rails of said section, a primary relay, a polarized secondary relay having both neutral and polar contacts, a retaining magnet for preventing the opening of said neutral contacts during a reversal of said polar contacts, a pick-up circuit for said primary relay connected across the rails of said section and including a back contact of said secondary relay, a holding circuit for said primary relay connected across said rails and including a resistor, an operating circuit for said secondary relay including a first front contact of said primary relay, and an energizing circuit for said retaining magnet coupled inductively with the operating winding of said secondary relay and including a second front contact of said primary relay.

2,063,301
AERATOR
Augustus C. Durdin, Jr., Niles Center, Ill., assignor to Chicago Pump Company, Chicago, Ill., a corporation of Illinois
Application December 24, 1934, Serial No. 759,043
13 Claims. (Cl. 261—83)



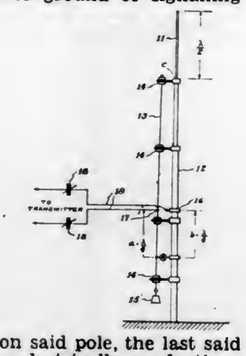
1. An aerator comprising a body portion having propelling blades projecting therefrom pitched to propel liquid in a direction approximately parallel to the axis of the aerator, and centrifugally acting impelling elements extending transversely with respect to the axis of the aerator, and disposed between the entering and receding edges of the propelling blades.

2,063,302
OXIDATION CATALYST AND METHOD OF MAKING THE SAME
James F. Eversole, Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
No Drawing. Application April 9, 1932, Serial No. 604,356
7 Claims. (Cl. 23—234)

1. A process for making oxidation catalysts which comprises preparing a dry mixture of iron, magnesium, and chromium oxides, crushing the mixed oxides, moistening the crushed oxides with a solution of sodium silicate, forming the moistened oxides into shaped pellets, drying the pellets at temperatures between 500° and 725° C., and heating the pellets as rapidly as possible between the temperatures of 350° and 500° C. to avoid as far as possible subjecting the pellets to prolonged heating at temperatures between 350° and 500° C., and thereafter reducing the reducible oxides comprising said pellets.

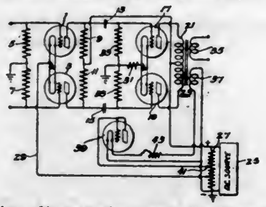
2,063,303
ANTENNA
John Evans, Riverside, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application April 28, 1934, Serial No. 722,837
10 Claims. (Cl. 250—33)

1. A metallic antenna pole electrically grounded at its base, in combination with means for rendering an upper portion of said pole radiative and the remaining portion thereof non-radiative, means for impressing signalling energy upon said pole and contraphasally upon the first said means, and means for effectively preventing the dissipation to ground of signalling energy im-



pressed upon said pole, the last said means constituting an electrically conductive path of substantially a half-wave length at the frequency of said signalling energy along portions of the first said means and of said pole, respectively, and including a current responsive device interconnecting said portions.

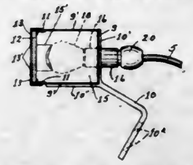
2,063,304
SIGNAL AMPLIFYING SYSTEM
Frederick Reeves Farrow, Jr., Audubon, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application November 26, 1930, Serial No. 498,231
11 Claims. (Cl. 179—171)



11. In a signaling system, an electron discharge tube having a cathode, a grid and an anode, means for applying a bias potential to said grid negative with respect to said cathode and for supplying operating current to said anode, means for impressing signals upon said tube, means responsive to an increase in the average amplitude of said signals for increasing the current supplied to said anode, and a self-bias resistor connected with said cathode for increasing the negative bias potential applied to said grid in response to said increased anode current, and for increasing the power amplifying ability of said tube.

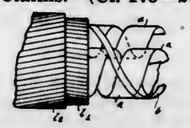
2,063,305
TRAFFIC LIGHT
Kenneth E. Fenton, Pennville, and Harry B. Smith, Upland, Ind.
Application October 21, 1935, Serial No. 45,880
3 Claims. (Cl. 177—327)

3. In a traffic light comprising a case having a glass lens positioned in one side thereof, a cover having an elongated aperture formed therethrough with the outline of an arrow head formed at each end thereof and forming a part of the elongated aperture, a single flat dividing plate having an M-shaped notch formed in the edge nearest the glass lens with the base of the M-shaped notch positioned adjacent the glass lens,



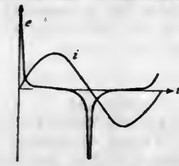
said dividing plate being rigidly secured substantially midway between the ends of said case, and means for producing light within said case, all substantially as shown and described.

2,063,306
HIGH TENSION CABLE
Joseph Forster, Vienna, Austria
Application August 23, 1932, Serial No. 639,025
In Austria August 27, 1931
12 Claims. (Cl. 173—266)



10. A cable comprising in combination with a hollow tubular shell including helically disposed conductors the turns of which are of relatively long pitch, a core disposed within the hollow of said shell and including ribbon-like metal bands which are formed into laterally engaging helices the turns of which are of short pitch, said second turns having their opposite edges aligned longitudinally of the cable, there being spaces between the adjoining edges of the respective turns of the helices, the turns of one of said helices being disposed substantially opposite the spaces between the edges of the turns of the next helix, and there being parts of the peripheries of said helices engaged against the inner face of said shell, whereby to increase the pliability of the cable.

2,063,307
WAVE GENERATION SYSTEM
Rudolf Gürtler, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application November 10, 1933, Serial No. 697,408
In Germany November 19, 1932
3 Claims. (Cl. 250—36)



3. A system for producing oscillatory energy comprising a series tuned output circuit including a condenser in series with an iron core inductance, and means for supplying alternating potentials to said series combination of condenser and inductance which increase and decrease with greater steepness than a sinusoidal alternating current of approximately the same peak value, said alternating potentials having a peak value greater than the value of energy necessary to

saturate the iron core of said inductance, said iron core inductance having such value that it is magnetically saturated during the largest part of the time of every alternate half cycle of the supplied wave.

2,063,308
CALL TRANSMITTER
Harold W. Goff, Great Neck, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application January 31, 1935, Serial No. 4,223
4 Claims. (Cl. 179—90)



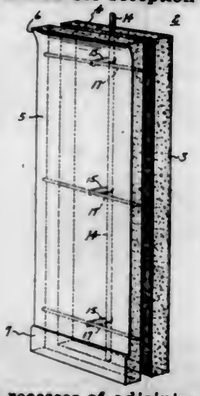
1. In a call transmitter, a mounting, a shaft journaled in said mounting, a finger wheel carried by said shaft having a series of holes disposed in equal spaced relation in a portion equal

$$\frac{10}{13}$$

of its circumference, a disc supported by said mounting having numerals disposed in registering relation with the holes in said finger wheel, a finger stop carried by said mounting for limiting the manual adjusting movement of said finger wheel with respect to each of said numerals, a plurality of contacts, a cam, a gearing mechanism having a 13 to 1 ratio for actuating said cam, a one way clutching device for operatively connecting said shaft to said mechanism, said finger wheel and said finger stop cooperating with said mechanism for rotating said cam for operating one of said contacts a number of times greater than the adjusting movement of said finger wheel as indicated by the numerals on said disc, means for actuating another of said contacts for negativing a certain operation of said cam, and means for controlling the operation of said finger wheel and said gearing mechanism upon the operation of said cam, means for preventing the movement of said mechanism during the adjusting movement of said finger wheel and a camming mechanism actuated by said finger wheel for preventing the movement of said gear mechanism relative to said finger wheel when the latter has returned to normal.

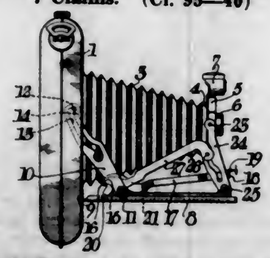
2,063,309
BUILDING WALL CONSTRUCTION UNIT
Russell C. Graef, Westfield, N. J.
Application June 11, 1935, Serial No. 25,987
5 Claims. (Cl. 72—45)

1. A building wall construction unit having finished inner and outer wall surfaces comprising, an intermediate layer of insulating material and adjoining exterior layers of cementitious material, said exterior layers having reenforcement therein, and tie links extending completely through said intermediate layer with their end portions engaged around the reenforcement of said exterior layers in anchored relation thereto, to thereby secure said intermediate and exterior layers in united relation, the side edges of said intermediate layer terminating inwardly of the side edges of said exterior layers to provide key receiving recesses, and separable key blocks of insulating material for reception in the opposed



key receiving recesses of adjoining building construction units for interconnecting the same and for sealing the joints between said units thereby forming a substantially continuous insulation layer coextensive with the entire wall area formed by said interconnected units.

2,063,310
ERECTING MECHANISM FOR FOLDING CAMERAS
Newton B. Green, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Application September 11, 1935, Serial No. 40,119
7 Claims. (Cl. 95—40)



1. In a folding camera, the combination with a camera body, of a bed hinged to the camera body, braces pivotally attached to the bed and having a pin and slot connection with the camera body including a latch to hold the camera bed open, a yoke mounted on the camera bed and adapted to engage the braces for releasing the latch whereby the bed may be folded upon its hinge.

2,063,311
ELECTRICAL VIBRATOR UNIT
Emile C. Guedon, Audubon, N. J., Alexander D. Burt, Narberth, Pa., and Frederic Shoup, Oaklyn, N. J., assignors to Radio Corporation of America, a corporation of Delaware
Application February 28, 1934, Serial No. 713,324
26 Claims. (Cl. 171—97)

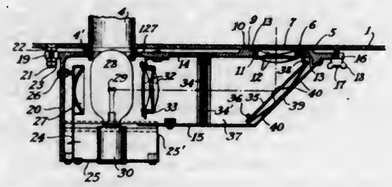
1. A vibratory circuit controlling device comprising in combination a base member, and a

vibrator unit resiliently mounted thereon in spaced relation thereto, said unit including an armature mounted to vibrate in a plane substantially at a right angle to and transverse of the



base member, and said unit having a mass and stiffness such that its natural period of vibration is longer than the vibrational period of the armature.

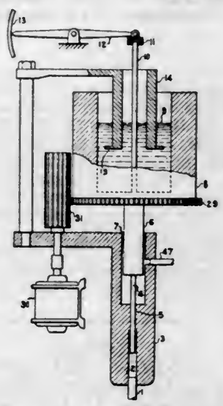
2,063,312
PRINTING MACHINE LAMP HOUSE
Roy S. Hopkins, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Original application November 2, 1934, Serial No. 751,165. Divided and this application April 2, 1935, Serial No. 14,329
5 Claims. (Cl. 88—24)



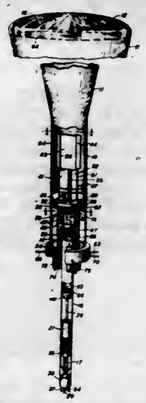
1. In a photographic printing machine, the combination with a support having a printing aperture and heat aperture therein, of a lamp house removably mounted beneath the support and comprising an elongated enclosure with a pair of spaced apertures registering with the printing and heat apertures in the support, a lamp mounted beneath the heat aperture, an optical system including a mirror in said housing adapted to reflect light rays through said printing aperture, and releasable means for holding the lamp house in position on the support.

2,063,313
PRESSURE MEASURING DEVICE
Clarence Johnson, East Cleveland, Ohio, assignor to Bailey Meter Company, a corporation of Delaware
Original application November 28, 1930, Serial No. 498,592. Divided and this application May 4, 1934, Serial No. 723,939
10 Claims. (Cl. 73—111)

1. A pressure measuring device, comprising in combination, a cylinder having a pressure connection thereto, a piston adapted for axial positioning in said cylinder responsive to pressure variations in the cylinder, variable counterbalancing means for said piston comprising two members, one of the members positioned by said piston relative to the other member, one of said members having a chamber, a liquid in said chamber, the other of said members comprising a displacing member adapted to depend into said liquid an amount varying with the axial positioning of said piston, said displacing member provided with a fin submerged in the liquid and projecting radially beyond the lateral surface; means for rotating the piston and movable member, and means for indicating said axial positioning, said displacing member being so shaped that equal increments of pressure applied to said piston result in equal increments of motion of said indicating means.



2,063,314
ELECTRON DISCHARGE DEVICE
John B. Johnson, Maplewood, and Howard W. Weinhart, Elizabeth, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 27, 1933, Serial No. 704,102
18 Claims. (Cl. 250—27.5)



2. A cathode ray discharge device comprising a vessel having a stem, a central elongated tube extending outwardly from said stem, an electron emitting element supported in said tube, a tubular anode extending beyond said element within said tube, a plurality of deflecting plates supported by said stem, and a magnetic focussing coil surrounding said tube intermediate said anode and said deflecting plates.

2,063,315

PREPARATION OF CAST RESINS

Glen M. Kuettel, Roselle, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application July 24, 1934, Serial No. 736,678
9 Claims. (Cl. 18—58)



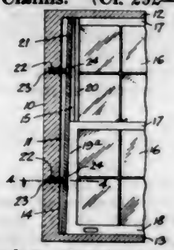
1. Process of preparing cast resins in relatively thick massive solid shapes from an addition polymerizable, unsaturated organic compound having an exothermic addition polymerization reaction and tending to contract in volume during polymerization, which comprises disposing the polymerizable compound while in a flowable state, in a relatively thin layer in a mold, polymerizing said layer to form a solid body, superposing thereon a second relatively thin layer of the liquid polymerizable compound, and polymerizing said second layer to form with the first layer an integral solid body.

2,063,316

WINDOW STRUCTURE

Edward G. La Fontaine, Brooklyn, N. Y.

Application November 13, 1935, Serial No. 49,527
4 Claims. (Cl. 292—74)



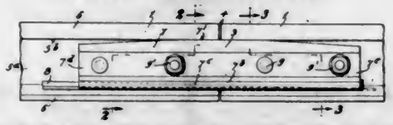
1. In a window structure, a frame having grooves, a sash slidingly disposed within the grooves having its width narrower at one end than at its other end, friction strips within the grooves, and springs against the friction strips to cause the strips to bear against styles of said sash.

2,063,317

RAIL JOINT AND ADJUSTABLE SPLICING ELEMENT THEREFOR

Robert P. Lamont, New York, N. Y., assignor, by direct and mesne assignments, to Shawmont Corporation, a corporation of New York

Application April 20, 1935, Serial No. 17,450
Renewed April 6, 1936
9 Claims. (Cl. 238—244)



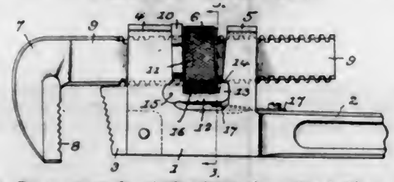
1. A joint embodying, in combination a pair of rail ends arranged together in abutting relationship and provided with heads and base flanges, a splicing element comprising a splice bar member disposed in a substantially vertical plane between the top surface of the base flange and the bottom surface of the rail head in substantial parallelism with the web of the rail and being substantially coextensive in height with the space between the under side of the rail head and the top of the base flange, a single elongated wedge member extending across the meeting surfaces of said rail ends, between one longitudinal edge of said bar member and an adjacent surface of the rail, said bar member and said wedge member having complementary inclined surfaces and one of said members being provided with a groove into which the other member fits to prevent transverse relative movement, and means for fastening said bar to the rails.

2,063,318

PIPE WRENCH

John V. Larson, Chicago, Ill.

Application August 26, 1935, Serial No. 37,822
3 Claims. (Cl. 81—104)



1. In a wrench of the type described, the combination of a main jaw member provided with an operating handle at its rear end and a pair of tubular guide brackets near its forward end, said brackets being arranged in spaced relation with the forward bracket formed with a pivot recess in the lower portion of its rear wall and the rearward bracket formed with an abutment shoulder in its forward end adjacent to the lower portion of the bracket, an adjustable jaw member having a screw-threaded shank adapted for sliding and rocking engagement in said guide brackets, a sleeve nut arranged between said guide brackets and having operative engagement with the screw threaded shank of the adjustable jaw member, and a rocker yoke of an angular form arranged between the aforesaid guide brackets and comprising a forward centrally orificed portion having a sliding fit on the screw threaded shank of said adjustable jaw member, and a rearwardly extending portion of said rocker yoke being formed with a holding flange at its rear end having operative engagement with the lower side of the sleeve nut aforesaid, the rear end of said rocker yoke having sliding movement against the forward end of the rearward guide bracket with its rear end adapted to contact with the aforesaid abutment of the rear guide bracket to limit the movement of the rocker yoke.

2,063,319

SHIPPING CONTAINER FOR SILK COPS

Maynard D. Lee, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

Application May 12, 1934, Serial No. 725,302
3 Claims. (Cl. 206—65)



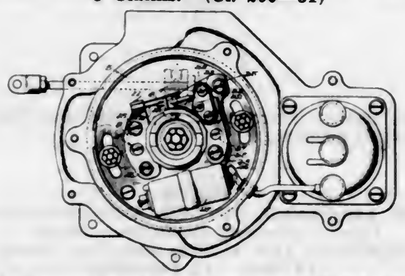
1. A shipping container for thread cops carried by truncated cone shaped hubs, comprising a container, a plurality of yarn cops therein, partitions in said container comprising identical, single flat plates, a plurality of similar formings on the flat plates, the inside walls of said formings constituting means to position the smaller end of the truncated cone shaped hub, and the outside walls of the formings constituting means to position the larger end of the truncated cone hubs and means carried by the partitions for spacing the major part thereof from the container.

2,063,320

CIRCUIT MAKER AND BREAKER

Warren P. Loudon, Dayton, Ohio, assignor to Delco Aviation Corporation, Dayton, Ohio, a corporation of Delaware

Application March 12, 1931, Serial No. 522,037
8 Claims. (Cl. 200—31)



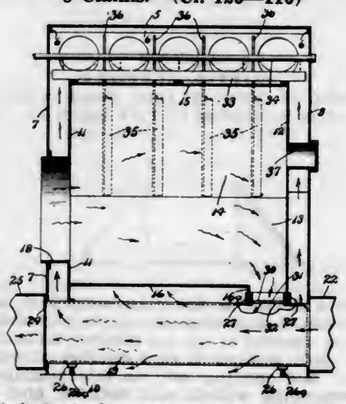
1. Ignition apparatus comprising a stationary contact, a movable contact cooperating therewith, means for supporting said stationary contact, separate means for supporting said movable contact, and means to adjust the pressure between said contacts comprising a device for moving said last named supporting means bodily and independently of said first named supporting means and in a direction perpendicular to the plane of engagement between said contacts.

2,063,321

HOT AIR FURNACE

Donald J. Luty, Detroit, Mich., assignor to Wood Hydraulic Hoist & Body Company, Detroit, Mich., a corporation of Michigan

Application July 29, 1932, Serial No. 625,642
Renewed November 18, 1935
8 Claims. (Cl. 126—116)



1. A hot air furnace comprising an outer enclosing casing, cross means in the lower portion of the casing, adjustable means supporting said cross means for adjusting and leveling the same, a plurality of flues spaced from each other transversely and lying longitudinally of the casing between the front and back thereof, each of said flues having an opening therein at its upper side, an enclosed combustion chamber within the casing spaced from the walls thereof and resting upon said flues having an outlet at its lower portion to pass products of combustion therefrom into the flues, means for excluding the products of combustion from between the flues located at said combustion chamber outlet, means for carrying air to and between the flues at the rear ends thereof, and means for carrying the products of combustion from said flues at the forward ends thereof.

2,063,322

SEPARATION OF AN ORGANIC ACID ESTER FROM ITS REACTION MIXTURE

Carl J. Malm and Charles R. Fordyce, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

No Drawing. Application March 23, 1934, Serial No. 717,083
1 Claim. (Cl. 260—102)

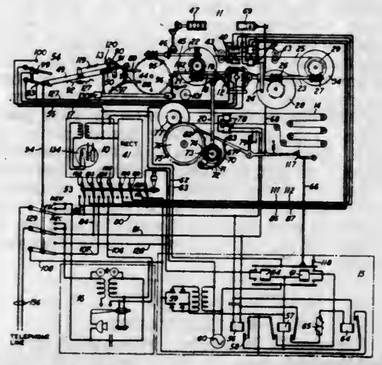
A method of separating and recovering an organic acid ester of cellulose and lower fatty acid from the solution of the ester in its esterification mixture containing a large proportion of lower fatty acid, the whole being substantially anhydrous, which comprises neutralizing any mineral acid present therein, passing the solution in the form of a fine stream into a precipitating liquid essentially consisting of a liquid aliphatic hydrocarbon substantially boiling within the range 150°–200° C., and removing the ester from the liquid.

2,063,323

TELEPHONE MESSAGE RECORDER

Rudolph F. Mallina, Little Neck, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application January 6, 1933, Serial No. 650,369
5 Claims. (Cl. 179—6)



1. In a message recorder, a calling line, a moving record member and translating devices cooperating therewith, an amplifier, means energized over the calling line for connecting the amplifier to the devices for recording and reproducing, and a reproducing system for impressing an answering message on the calling line independently of the amplifier comprising a plurality of records of an answering message, individual re-

producers therefor, and means for connecting said reproducers with the calling line to engage the line while the amplifier is being conditioned for operation.

2,063,324

METHOD FOR REGULATING THE PRETREATING AND ESTERIFYING OF CELLULOSE

Carl J. Malm and Gale F. Nadeau, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

No Drawing. Application July 25, 1934, Serial No. 736,966
3 Claims. (Cl. 23—230)

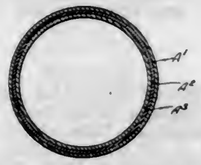
2. A method for determining the value from which the organic acid anhydride content of a bath employed in the preparation of cellulose esters may be calculated which comprises adding to a measured sample of the bath containing uncombined organic acid anhydride a measured amount of an anhydrous standard solution of aniline in acetic acid to combine with the anhydride present and then titrating this anhydrous solution containing aniline dissolved in acetic acid with a standardized solution of a mineral acid.

2,063,325

PROCESS FOR MINIMIZING TEMPERATURE STRESSES IN METALLIC STRUCTURES AND PRODUCT THEREOF

Neil R. McLeod, Montclair, N. J.

Application May 10, 1932, Serial No. 610,486
15 Claims. (Cl. 29—188)



1. In forming a structure comprising rigidly connected portions adapted for use with different normal working temperatures, the method of regulating the stress distribution in said structure which consists in forming said portions of materials having such different coefficients of thermal expansion and so annealing said structure that when the temperature of each of said portions changes from its annealing temperature to its normal working temperature the tendency to expansion of said portions relative to one another will subject some portion of said structure to less stress than it would be subjected to if all portions of said structure were formed of materials having the same coefficients of thermal expansion.

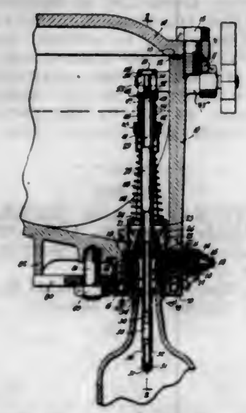
2,063,326

FILLER VALVE

George L. N. Meyer, Milwaukee, Wis.

Application June 5, 1933, Serial No. 674,405
32 Claims. (Cl. 226—111)

14. A valve mechanism for counter-pressure fillers comprising, a stem, a liquid controlling valve fixed to said stem, resilient means for urging said liquid controlling valve to open position, a gas controlling valve on said stem above said liquid controlling valve, resilient means for urging said gas controlling valve to open position, means to close both of said valves, a gas tube depending from said liquid controlling valve, a spreader element on said tube, and a foraminous element surrounding said tube above said spreader element.

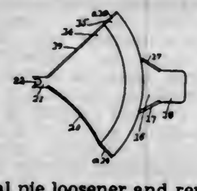


2,063,327

PIE LOOSENER, CUTTER, AND REMOVER

George Missiaen, Bellingham, Wash.

Application April 9, 1934, Serial No. 719,625
1 Claim. (Cl. 146—206)



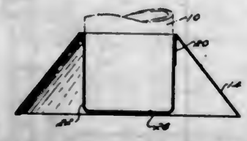
A segmental pie loosener and remover disposed on the bottom of a pie tin having a notch in its vertex engaging a centrally disposed stud in the said pie tin bottom, a straight radial edge and a sharpened arcuate edge, a slanting sidewall fastened to the end of the loosener and remover having cutting edges disposed against the side walls of the pie tin, and a relatively narrow handle having cutting edges fastened to the top of the side wall disposed flatwise on top of the pie tin flange.

2,063,328

BOTTLE SUPPORT

John H. Morcom, Long Beach, Calif.

Application September 13, 1934, Serial No. 743,804
2 Claims. (Cl. 248—152)



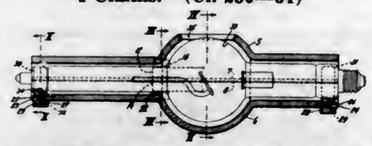
2. In a device of the class described, a hollow truncated cone-shaped member provided with a central opening at the top thereof, a strap having its ends secured to said member at opposite sides of said opening, and an intermediate portion depending within said member and below said opening to form a supporting cradle therein above the bottom of said member.

2,063,329

X-RAY TUBE SHIELD

Montford Morrison, Montclair, N. J., assignor to Westinghouse X-Ray Company, Inc., a corporation of Delaware

Application February 1, 1933, Serial No. 654,653
4 Claims. (Cl. 250—34)



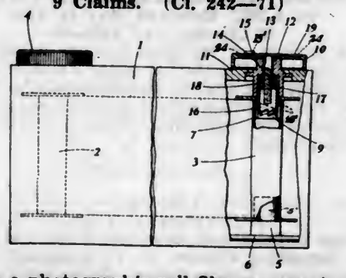
1. An X-ray tube protective shield having high dielectric strength and heat resisting characteristics comprising paired members joined together and formed of a plurality of refractory oxides including those of silicon, aluminum and zirconium with the proportion by weight of the silicon oxide being slightly greater than the sum of the proportions by weight of the oxides of aluminum and zirconium, and an X-ray opaque material combined with said aforementioned oxides comprising the oxide of a high atomic weight material, the proportion by weight thereof being greater than the proportion by weight of any other of said oxides.

2,063,330

PHOTOGRAPHIC ROLL FILM CAMERA

August Nagel, Stuttgart-Nord, Germany, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

Application December 28, 1934, Serial No. 759,521
In Germany January 16, 1934
9 Claims. (Cl. 242—71)



1. In a photographic roll film camera, in combination, a casing, a take-up chamber within the casing, a take-up spool within the take-up chamber and provided with an axial opening, bearing members extending into said axial opening and permanently in engagement with the ends of the take-up spool, these bearing members being relatively fixed in the axial direction, a winding key associated with the take-up spool, and a clutch coupling through which the take-up movement is transmitted from the winding key to the take-up spool but which can be released to permit rotation of the take-up spool relatively to the winding key while the film is being unwound from said take-up.

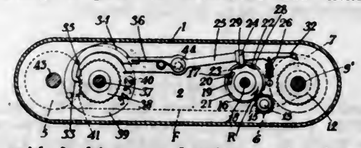
2,063,331

PHOTOGRAPHIC ROLL FILM CAMERA

August Nagel, Stuttgart-Nord, Germany, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

Application December 28, 1934, Serial No. 759,523
In Germany January 16, 1934
10 Claims. (Cl. 242—71)

2. In a photographic camera, the combination with a casing provided with a supply chamber which is adapted to receive a supply spool having a film wound thereon and provided with a take-up chamber which is adapted to receive a take-up spool, a film take-up mechanism associated with the take-up spool, and locking mechanism for engaging said take-up mechanism to prevent movement thereof, of a control means including a pair of members for maintaining said locking mechanism out of engagement, each member being provided with a portion for registering with the portion on the other member and permitting engagement of said take-up mechanism by said locking mechanism, and a loose connection between said members to permit relative displacement of the portions on said members for disengagement of said locking mechanism.



2,063,332

CURTAIN HANGER

Katherine M. Niese, Chicago, Ill.

Application January 6, 1936, Serial No. 57,648
5 Claims. (Cl. 156—21)



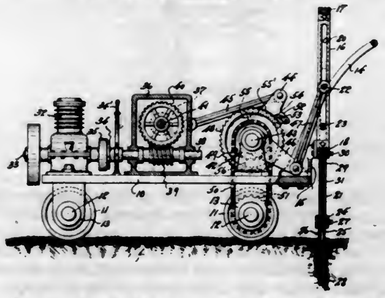
1. A curtain hanger embodying a body portion, a catch at one end of the body, a pin portion to be inserted through a curtain and adapted to engage said catch, a support engaging portion, and an anchoring loop connected with the body intermediate the ends of the latter, in combination with an anchoring pin adapted to pass through the curtain and through said loop in a direction transverse to the length of said body.

2,063,332

POWER DRIVEN TURF FORKING APPARATUS

Bernhard Nolte, Westfield, N. J.

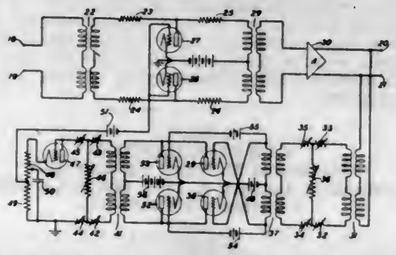
Application July 20, 1935, Serial No. 32,345
9 Claims. (Cl. 97—36)



1. In an apparatus of the kind described, a movable carriage, an upright guide frame sup-

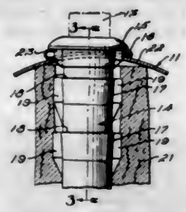
ported by said carriage, a forking means reciprocable in said guide frame, said forking means having downwardly directed tubular fork tines, a power producing means on said carriage, transmission means actuated by the latter for operating said forking means, and said transmission means including locomotion means for intermittently moving said carriage in timed relation to the operation of said forking means.

2,063,334
TRANSMISSION SYSTEM
Nathaniel C. Norman, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application January 15, 1935, Serial No. 1,899
6 Claims. (Cl. 178—44)



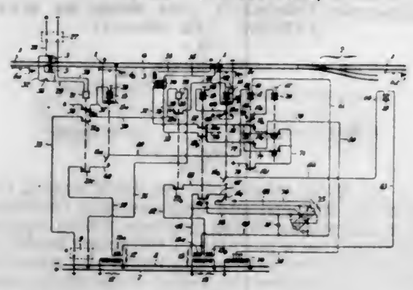
1. The method of transmitting by a medium a range of intensities exceeding the range of the medium which consists in producing electric currents varying with a signal, continuously and proportionally compressing a part only of the range of intensities of said currents until the range of the compressed intensities and the range of the uncompressed intensities is within the range of the medium, transmitting said compressed and uncompressed currents by said medium, continuously and proportionally expanding the compressed intensity range of said currents to the original range and supplying said expanded and said uncompressed currents to a receiver.

2,063,335
VEHICLE HARDWARE FERRULE
Alfred Person, Detroit, Mich., assignor to The Murray Corporation of America, a corporation of Delaware
Application December 24, 1934, Serial No. 758,999
4 Claims. (Cl. 296—139)



4. The combination with a shouldered socket, the shoulder of said socket having a substantially plane surface and a door panel having a substantially arcuate surface, of a deformable ferrule between said surfaces, said ferrule prior to deformation having an inwardly presenting channel section, the walls of said channel lying in planes vertical to the axis of said socket.

2,063,336
PROTECTIVE SYSTEM FOR RAILWAYS
Welles M. Post, Wayne, Pa.
Application May 10, 1935, Serial No. 20,776
7 Claims. (Cl. 246—246)

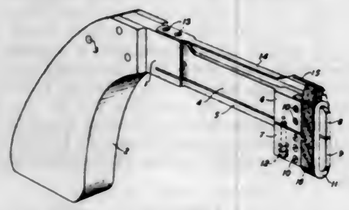


1. In combination with a railway track, detectors comprising a pair of fragile conducting elements supported one at each side of a rail and projecting towards the rail head, said detectors being electrically connected in series, and signalling means in circuit with said detectors.

2,063,337
PROCESS OF FINISHING LEATHERS AND PRODUCT
James T. Power, Wilmington, Del., assignor to Atlas Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 31, 1935, Serial No. 4,308. Renewed May 14, 1936
20 Claims. (Cl. 149—6)

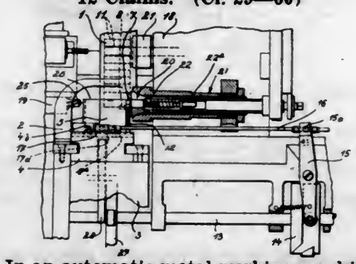
1. A process of finishing leather which comprises treating the leather with a compound selected from the group consisting of the hygroscopic hexahydric alcohols and the water soluble, hygroscopic, anhydro derivatives of the hexahydric alcohols.

2,063,338
BURNISHING TOOL
William T. Pritchard, Belvidere, N. J., and Arthur R. Saunders, Clifton, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application April 1, 1936, Serial No. 72,064
3 Claims. (Cl. 51—187)



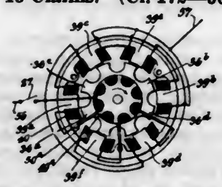
1. In a burnishing or cleaning tool, an arm having a handle connected to one end thereof and having the other end thereof slit longitudinally, an elastic band surrounding the slit end of said arm, adjustable means for expanding the slit end of said arm for varying the thickness of said elastic band, a strip of abrasive material surrounding said band and means for holding said strip of abrasive material upon said band.

2,063,339
METALWORKING MACHINE
Otto Probach, Leipzig-Mockern, Germany, assignor to The National Acme Company, Cleveland, Ohio, a corporation of Ohio
Application October 2, 1935, Serial No. 43,135
In Germany May 26, 1933
12 Claims. (Cl. 29—60)



1. In an automatic metal working machine, the combination of a rotary spindle carrier, a plurality of rotary work spindles carried thereby, a chuck for each work spindle, a magazine for the blanks, a cross-slide adapted to be moved at right angles to the axes of the work spindles and means carried by the said cross-slide and comprising a pair of work supporting members, one shiftable transversely of said cross-slide for tranferring a blank from the magazine to the chuck.

2,063,340
CONTINUOUS TORQUE IMPULSE MOTOR
Samuel Ruben, New Rochelle, N. Y.
Application July 17, 1935, Serial No. 31,819
15 Claims. (Cl. 172—36)



1. A continuous torque impulse-type electric motor comprising a stator and a rotor, said stator having at least three pole units distributed about said rotor, magnetizing windings for said pole units, said rotor having a plurality of teeth of magnetically permeable material uniformly distributed about its periphery, the angular width of the teeth being substantially equal to the angular width of the spaces between the teeth, and contactor means arranged so as to supply electric current successively to the windings for successive pole units, said contactor means supplying current to each pole unit during rotation of the rotor through an angle greater than

$$\frac{360°}{Nn}$$

and less than

$$\frac{360°}{2N}$$

where N is the number of rotor teeth and n is the number of stator pole units.

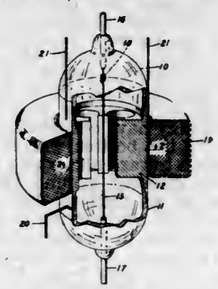
2,063,341
ELECTRON DISCHARGE DEVICE
Arthur L. Samuel, Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 8, 1934, Serial No. 756,591
14 Claims. (Cl. 250—27.5)

1. An electron discharge device comprising a highly evacuated enclosing vessel, a plurality of electrodes, and a metallic member within said vessel, disposed remote from one of said electrodes and in juxtaposition to another of said



electrodes, said metallic member being electrically connected to said one electrode and forming an inductance with integral portions of said another electrode.

2,063,342
ELECTRON DISCHARGE DEVICE
Arthur L. Samuel, Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 8, 1934, Serial No. 756,592
14 Claims. (Cl. 250—27.5)

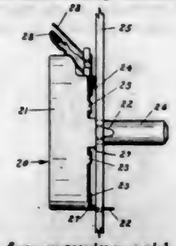


1. An electron discharge device comprising a plurality of electrically separate electrodes, one of said electrodes having a grooved portion remote from another of said electrodes constituting an inductance which together with the capacitances between said electrically separate electrodes forms a tuned circuit.

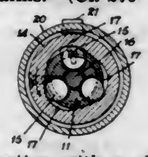
2,063,343
CONTROL DEVICE
Newton C. Schellenger and Mervin B. Arisman, Elkhart, Ind., assignors to Chicago Telephone Supply Co., Elkhart, Ind., a corporation of Indiana
Application November 13, 1933, Serial No. 697,718
10 Claims. (Cl. 201—55)

1. In combination with a variable resistance device having a cupped housing, a base plate positioned in the open face of said housing, a metallic mounting member positioned adjacent the external surface of said base plate, means on said housing for securing said base plate and

said mounting member to said housing, and ears formed on said mounting member and extending therefrom for securing said variable resistance device to a supporting element.



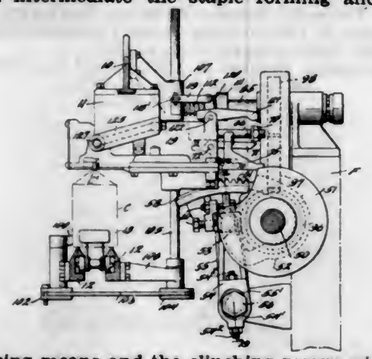
2,063,344
CHUCK
William Henry Schneider, Pittsburgh, Pa.
Application March 5, 1935, Serial No. 9,379
2 Claims. (Cl. 279—72)



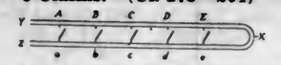
2. The combination with a chuck shaft, of a cage carried by the forward end of the shaft and having radially-extending openings, gripping elements loosely fitting within said openings and arranged to grip a tool shank which is positioned centrally of the cage, an oscillatory chuck sleeve encircling the cage and provided with arcuate recesses opposite each gripping element, the bottom walls of the recesses being disposed on lines of a radius that is shorter than the internal radius of the sleeve at points between the said recesses, so that the ends of the recesses intersect the inner wall of the sleeve, whereby each gripping element may have cooperative camming engagement with the bottom wall of its associated recess at points toward either end of each recess, and a spring disposed around the chuck shaft and secured at its ends to the sleeve and the shaft, respectively, and serving to normally yieldably hold the sleeve in its maximum jaw-projecting position adjacent to said intersecting ends of the recesses, the sleeve being held so that the backwardly-extending camming surface of each recess is in engagement with its associated gripping element when the chuck shaft is to be driven in one direction, and the said spring being reversibly mountable on said shaft to so hold the sleeve that its other camming surfaces engage said gripping elements when the chuck shaft is to be driven in the opposite direction, the spring being of such length that when contracted the sleeve will be held with the mid-point of said recesses thereof radially opposite said gripping elements.

2,063,345
STAPLING APPARATUS
Henry T. Scott, Toledo, Ohio, assignor to The American Paper Bottle Company, Toledo, Ohio, a corporation of Ohio
Application October 16, 1934, Serial No. 748,564
3 Claims. (Cl. 1—2)

1. A stapling mechanism comprising in combination, wire feeding means, staple forming and advancing means, staple end clinching means and mechanism for rendering the clinching means inoperative in the absence of an article to be stapled intermediate the staple forming and advancing means and the clinching means without modifying the action of the staple forming and advancing means.

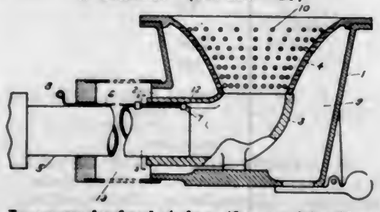


2,063,346
MANUFACTURE OF ELECTRIC CABLES
Thomas Robertson Scott and John Krauss Webb, Aldwych, London, England, assignors to International Standard Electric Corporation, New York, N. Y.
Application June 1, 1932, Serial No. 614,766
In Great Britain June 2, 1931
5 Claims. (Cl. 173—264)



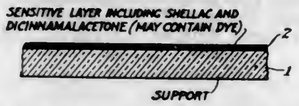
1. A method of manufacturing an oil impregnated electric cable free from longitudinal oil ducts which comprises insulating the cable core with fibrous insulation, forming a metallic sheath about said insulation, tapping the sheath at one or more points, associating exhausting means to said tapped points, causing said means to withdraw air and other gases from the cable, applying impregnating oil of a viscous nature to the cable under pressure, maintaining the temperature of the cable along its length of such value that the temperature of the unimpregnated portion immediately in front of the advancing impregnating oil is greater than the impregnated portion, and controlling the rate of cooling thereof.

2,063,347
UNDERFEED STOKER
Gilbert M. Seaman, Catskill, N. Y.
Original application April 21, 1933, Serial No. 667,245. Divided and this application January 22, 1935, Serial No. 2,857
2 Claims. (Cl. 110—45)



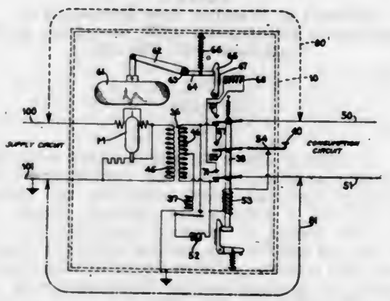
1. In an underfeed stoker, the combination with a hopper, a retort and a fuel-feed conduit connecting said hopper and retort, of means defining a tuyère chamber surrounding said retort, an auxiliary air duct for delivering air under pressure above atmospheric to the fuel stream in advance of said retort, a source of air under pressure above atmospheric connected with said tuyère chamber and auxiliary air duct, and a manually reciprocable cleanout rod extending from the exterior of said stoker into said auxiliary air duct and operable upon manipulation to clear said auxiliary air duct of obstructions.

2,063,348
METHOD OF MAKING A COLORED PHOTOGRAPHIC IMAGE
Merrill W. Seymour, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Application March 10, 1936, Serial No. 68,089
3 Claims. (Cl. 95—6)



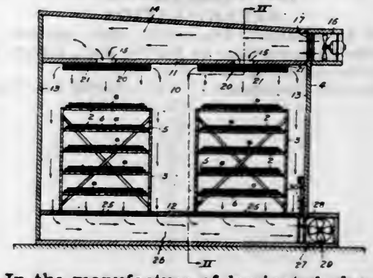
1. The method of forming a colored image that comprises exposing to a light image a sensitive layer comprising shellac, a crystallizable, halogen-free, organic, light sensitive substance capable of autogenic formation of insoluble, noncrystalline products when exposed to light and a substance which inhibits crystallization of the light sensitive material, developing the exposed layer to form a relief image and associating with the shellac a basic dye which is mordanted to the shellac, thereby forming a dyed relief image.

2,063,349
SUPERVISORY APPARATUS
L Alan Sharp, Bellevue, Pa., assignor to Wm. L. Grimes, Winston-Salem, N. C.
Application July 7, 1934, Serial No. 734,114
Renewed October 25, 1935
7 Claims. (Cl. 171—34)



1. A theft detector for electrical supply systems which includes a supply circuit, a consumption circuit and a meter therebetween, said meter having current consumption indicating means, said theft detecting device comprising indicating means inaccessible to the current user and displaceable from revealing to obscuring position with respect to the current consumption indicating means and means for causing the displacement of said indicating means to obscuring position upon the establishment of a circuit around the meter which affords current supply from the supply circuit to the consumption circuit without traversing the meter.

2,063,350
MANUFACTURE OF LAMINATED GLASS
Charles S. Shoemaker, Jeannette, Pa., assignor to American Window Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application May 6, 1933, Serial No. 669,739
7 Claims. (Cl. 49—81)



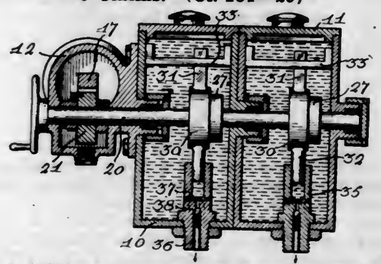
2. In the manufacture of laminated glass, the steps comprising forming a film of a strengthening material on a glass sheet, passing heated air substantially vertically downwardly past said coated sheet while maintaining the sheet in substantially horizontal position, whereby the film is dried, and thereafter uniting said coated sheet to a second glass sheet.

2,063,351
HARDENING PHOTOGRAPHIC GELATIN EMULSIONS AND GELATIN SOLUTIONS
Cyril J. Staud and Richard M. Briggs, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
No Drawing. Application August 4, 1934, Serial No. 738,559
16 Claims. (Cl. 95—7)

1. In the manufacture of photographic articles provided with a hardened gelatin layer, the step which comprises hardening the gelatin by causing it to react with a diketone, whereby a condensation product of gelatin and the diketone is formed.

7. A photographic material provided with a gelatin silver halide emulsion layer, said layer containing the condensation product of gelatin and a diketone.

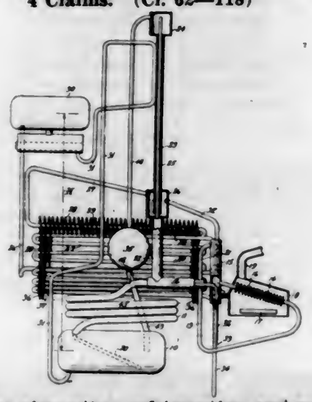
2,063,352
LUBRICATOR
Charles E. Stewart, Verdun, Quebec, Canada, assignor to Juno Corporation, Ltd., Montreal, Quebec, Canada
Application August 20, 1934, Serial No. 740,563
6 Claims. (Cl. 184—29)



1. A lubricator comprising an oil chamber, a cylinder, a drive shaft extending through the oil chamber and cylinder, a force feed pump in the

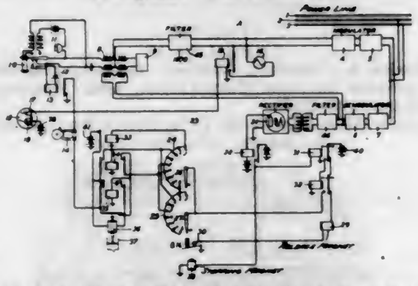
chamber driven through the medium of the drive shaft and an adjustable cam, a piston operatively mounted in the cylinder, and means operable by the piston for driving the shaft.

2,063,353
REFRIGERATION
Albert R. Thomas, Evansville, Ind., assignor, by mesne assignments, to Servel, Inc., Dover, Del., a corporation of Delaware
Application November 17, 1934, Serial No. 753,415
4 Claims. (Cl. 62—118)



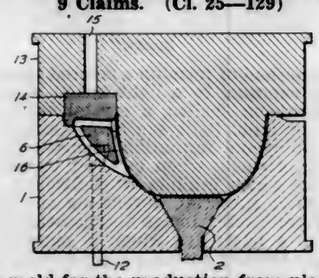
4. In an absorption refrigeration system having low pressure periods of refrigerant evaporation alternating with higher pressure periods of vapor expulsion, the improvement which consists in storing the bulk of the absorption liquid in cold condition during expulsion periods, and introducing gas at the beginning of an evaporation period into hot residual liquor remaining from the previous expulsion period to cause circulation of liquid.

2,063,354
SELECTIVE CALLING CIRCUITS
Kermit O. Thorp, River Edge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 16, 1931, Serial No. 522,798
11 Claims. (Cl. 177—332)



2. In a signal system transmitting a code signal comprising a series of groups of impulses for calling purposes, a selector switch having contact members and a switch arm operating over said contact members, control circuits and a calling circuit controlled by said switch, means for operating said switch arm according to each group of impulses of the code signal and for returning the switch arm to initial position after receipt of each group of impulses, and means for completing one control circuit through one of said contact members by operation of the selector switch arm to return the control circuits governed by the switch arm to normal condition upon receipt of the first group of impulses of the code signal, for completing another control circuit through another contact member by operation of the selector switch arm to partially complete the calling circuit upon receipt of the second group of impulses of the code signal and for completing the calling circuit through another contact member by operation of the selector switch arm upon receipt of another group of impulses of the code signal.

2,063,355
PROCESS AND MOLD FOR MOLDING PLASTIC COMPOSITIONS
James George Wheway, Streetly, England, assignor, by mesne assignments, to American Cyanamid Company, a corporation of Maine
Application October 17, 1932, Serial No. 638,072
In Great Britain October 30, 1931
9 Claims. (Cl. 25—129)



1. A mold for the production from plastic compositions of articles having handles or like projecting parts comprising an outer die, an inner plunger and a coring pin for the projecting part adapted to be removed from the die with the article.

2,063,356
TOKEN
Richard B. Wiggins, San Antonio, Tex.
Application October 25, 1935, Serial No. 46,793
3 Claims. (Cl. 194—4)



1. A token or check for use in check-controlled vending machines, or the like, comprising a substantially annular body including an annular wall or rim, a solid central portion within said rim, and spokes of reduced cross section relative to said central portion for transient engagement with a token selector finger in said vending machine extending radially from said solid central portion to said rim.

2,063,357
RESISTOR
Hiram A. Williams, St. Marys, Pa., assignor to The Stackpole Carbon Company, St. Marys, Pa., a corporation of Pennsylvania
Application May 23, 1935, Serial No. 23,078
5 Claims. (Cl. 201—63)

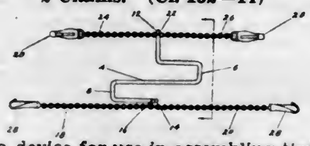
1. A fixed resistor comprising a resistance element, a plurality of caps, each cap frictionally engaging one end of said resistance element, a plurality of wire conductors, each cap having an individual wire conductor suitably connected

thereto, an insulating sheath of cylindrical formation, an insulating base integrally formed with one end of said cylindrical sheathing, said base having an opening therein, a portion of one wire conductor within the base opening, and the interior surface of said base being located in im-



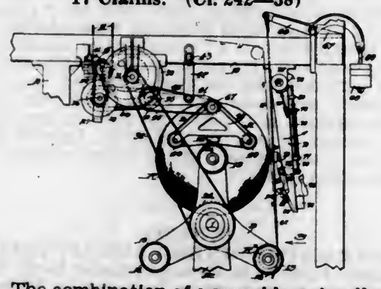
mediate proximity to one cap whereby the cap prevents movement of the sheathing in one direction and the wire conductor adjacent the outer surface of said insulating base being expanded to prevent movement of the sheathing in the other direction.

2,063,358
DEVICE USEFUL IN ADJUSTING CHAINS UPON AUTOMOBILE TIRES
Erastus E. Winkley, Lynn, Mass., assignor of one-half to William H. Sellars, East Milton, Mass.
Application July 10, 1935, Serial No. 30,715
2 Claims. (Cl. 152—14)



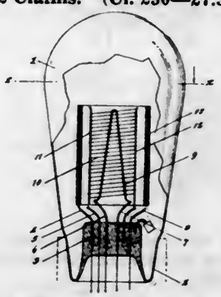
1. In a device for use in assembling tire chains upon tires, a one-piece holder made of resilient wire stock and having oppositely directed loop portions to form a widely spread supporting surface for the holder by engagement with the tread portion of a tire, said holder having leg members adapted to engage oppositely facing surfaces of said tire yieldingly to clasp the tire to maintain the holder in position, and flexible members attached to said holder in pairs extending in opposite directions and having fasteners adapted to engage portions of a tire chain to hold both ends of the latter in preliminary engagement with the tire.

2,063,359
WEB SPLICING DEVICE
Henry A. Wise Wood, New York, N. Y., assignor to Wood Newspaper Machinery Corporation, New York, N. Y., a corporation of Virginia
Application October 11, 1933, Serial No. 693,105
Renewed May 5, 1936
17 Claims. (Cl. 242—58)



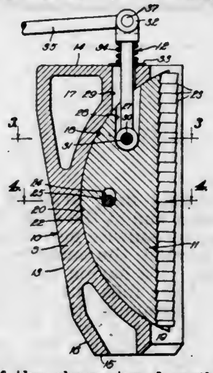
10. The combination of a movable web roll support, means on said support for rotatably mounting a fresh web roll, means for rotating said roll through its axis up to web speed before splicing, and automatic means dependent upon the position of the web roll support for securing the same surface speed independent of the size of the roll.

2,063,360
ELECTRON DISCHARGE DEVICE
Victor O. Allen, Madison, N. J., assignor to Hygrade Sylvania Corporation, Salem, Mass., a corporation of Massachusetts
Application May 16, 1933, Serial No. 671,306
2 Claims. (Cl. 250—27.5)



1. A high power vacuum tube, comprising an emitter of the oxide coated type, a tubular single-piece seamless anode of synthetic graphite surrounding said emitter, said anode being substantially entirely free from loose surface carbon and entrapped carbonaceous products, and an evacuated gas free envelope enclosing said emitter and said anode.

2,063,361
SLIP
Lawrence F. Baash, Los Angeles, Calif.
Application June 2, 1936, Serial No. 83,065
16 Claims. (Cl. 24—263)

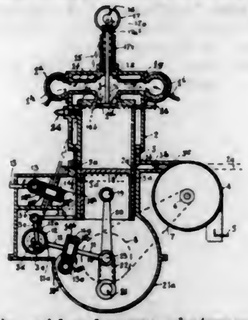


1. A slip of the character described including, a body, a gripping element at the inner side of the body, cooperating surfaces on the body and element supporting the element for movement about a substantially horizontal axis, and means for urging the element to turn upwardly to present its portion above said axis for initial engagement with the object to be handled.

2,063,362
INTERNAL COMBUSTION ENGINE
Jean A. H. Barkeij, Altadena, Calif.
Application April 26, 1930, Serial No. 447,520
9 Claims. (Cl. 123—79)

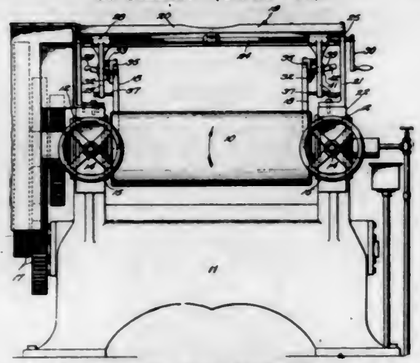
1. In an internal combustion engine of the Diesel type, of the airless fuel injection type, a cylinder, a piston reciprocating therein, a valve in the top end of said cylinder said valve and valve-port initiating the exhaust period and remaining open during substantially the entire fol-

lowing exhaust and inlet period, valve gear driven by said engine to operate said valve, a differential



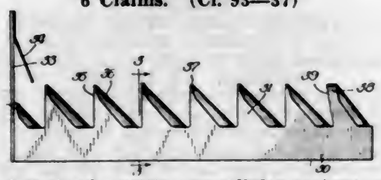
interposed in said valve gear between said valve and said engine to advance and to retard the timing of said valve.

2,063,363
GRINDING MILL
Charles P. Brasington, Cincinnati, Ohio
Application February 4, 1933, Serial No. 655,243
13 Claims. (Cl. 83—22)



1. In a grinding mill, grinding rolls, gates mounted between and at the ends of the rolls for obstructing undue endwise movement of the substance being ground, the surfaces of said gates adjacent to the rolls having curvatures concentric to those of the rolls but on slightly greater radii, supports sustaining the gates in positions slightly clear of contact with the rolls, adjustment devices for adjusting the gates longitudinally of the rolls and adjustment devices for adjusting the gates toward and from the roll surfaces.

2,063,364
SETTING-UP MECHANISM
Martin Burger, Morris, Ill., assignor to Self-Locking Carton Co., Chicago, Ill., a corporation of Illinois
Application May 29, 1933, Serial No. 673,457
Renewed August 14, 1935
6 Claims. (Cl. 93—37)



1. A device for setting up cellular cartons, comprising a base member, two rows of transversely and longitudinally spaced partition-engaging blocks mounted on said base and extending upwardly therefrom, said blocks having an upright face and a back slanting downwardly from the upper portion of said block toward and adjacent the lower portion of the next adjacent block.

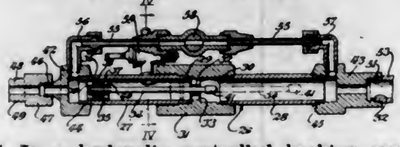
2,063,365
PROCESS FOR MANUFACTURING MONOCARBOXYLIC ACIDS
Courtney Conover, St. Louis, Mo., assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
No Drawing. Application May 1, 1933, Serial No. 668,811. In Canada July 29, 1929
13 Claims. (Cl. 260—108)

1. The method which consists in subjecting one of the group consisting of a poly-carboxylic acid and a poly-carboxylic anhydride, to the action of a decarboxylating catalyst and water while maintaining the acid or anhydride in a molten condition.

3. The method which consists in reacting chlorphthalic anhydride while in a molten state, at substantially atmospheric pressure with water in the presence of a decarboxylating catalyst.

4. The method which comprises reacting succinic acid while in a molten state and at substantially atmospheric pressure in the presence of a decarboxylating catalyst and water.

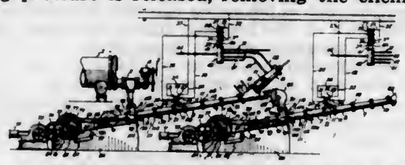
2,063,366
AUTOMATIC FLUID BRAKE CONTROL
Le Roy Cook, Chicago, Ill., assignor of one-half to Hazel M. Dieterle, Chicago, Ill.
Application May 14, 1934, Serial No. 725,487
2 Claims. (Cl. 303—84)



1. In a hydraulic controlled braking system having a plurality of conduits for effecting pressure application and release to a corresponding number of individual brakes including a valve chamber in each of said conduits, a piston valve in said chamber, oppositely disposed cupped-discs on said piston valve with fluid pressure on each side thereof for actuating the brakes through the medium of said piston valve, said valve chamber having an apertured partition wall intermediate the length thereof, a rod extending axially from said piston valve for reciprocal projection through said partition wall for guidance along said valve chamber, and means on the end of said rod to abut against said partition wall in precluding the removal of said rod therefrom, thereby limiting the travel of said piston valve between predetermined limits.

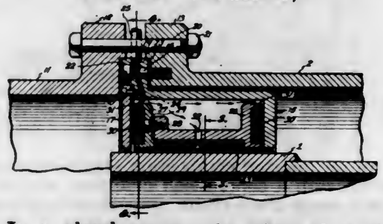
2,063,367
EXTRACTING METHOD AND APPARATUS
Joaquin Julio de la Roza, Sr., Great Neck, N. Y., assignor to de la Roza Corporation, Wilmington, Del., a corporation of Delaware
Application October 24, 1934, Serial No. 749,741
12 Claims. (Cl. 92—7)

1. In the digestion of cellulose bearing materials under heat and pressure in which chemical is used for the digesting process, the method of continuously extracting the chemical from the digested material including the steps of pressing the hot digested material before the digesting pressure is released, removing the chemical



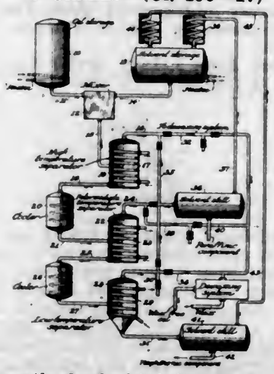
expressed from the compressed material, adding a fluid to the pressed material and again pressing the material to express a substantial portion of the fluid contained therein.

2,063,368
PACKING GLAND
Joaquin Julio de la Roza, Sr., Great Neck, N. Y., assignor to de la Roza Corporation, Wilmington, Del., a corporation of Delaware
Application January 21, 1935, Serial No. 2,724
6 Claims. (Cl. 285—9)



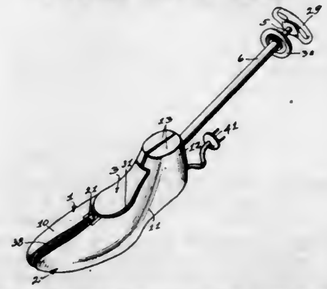
2. In a gland, an annular channel, a single rigid annular channel housed within said first mentioned channel, packing carried by said second channel and means for introducing fluid under pressure between said channels.

2,063,369
SOLVENT EXTRACTION OF WAX-BEARING OILS
Sterling H. Diggs and James M. Page, Jr., Casper, Wyo., assignors to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application February 23, 1932, Serial No. 594,612
9 Claims. (Cl. 196—17)



2. The method of obtaining maximum yields of high viscosity index oils from a mixture of paraffinic and naphthenic components in a wax-bearing lubricating oil stock, which comprises intimately mixing said stock with a solvent of the class which consists of dichlorethyl ether, phenol, furfural, aniline and nitrobenzene at a temperature above the pour point of the wax-bearing stock, effecting phase separation at a high temperature at which wax is separable as a liquid, removing the high viscosity index oil and wax which is insoluble in the solvent from said solvent solution at said high temperature, subsequently cooling said solvent solution and effecting a phase separation of the remaining lubricating oil stock and solvent at a substantially lower temperature whereby substantially all of the desirable paraffinic components are separated from the solvent, removing the low temperature solvent solution from the insoluble oil layer, and separately recovering the solvent from the solution and from said insoluble oil fractions.

2,063,370
SHOE STRETCHER
William H. Dutton, Deephaven, Minn.
Application May 29, 1934, Serial No. 728,131
4 Claims. (Cl. 12—128.5)

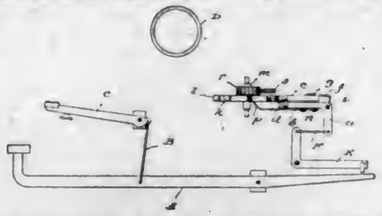


1. A shoe stretcher comprising: a pair of similar last sections divided on a median longitudinal line extending from the back of the heel to the toe and hingedly connected at a point near the heel, a spring internally of said last sections and having its opposite ends connected with said sections for holding said sections normally contracted, oppositely positioned guides detachably secured to adjacent faces of said sections, an expander frictionally engaging said guides, manually operable means adjustable on said sections and connected with said expander, for expanding said sections, an instep stretching member overlying said sections, said manually operable means including a sleeve, trunnions on said sleeve, said sections having bearings for said trunnions, and arms extending from said instep stretching member and having hook terminals embracing said trunnions and means for operating said instep stretching member including a shaft extending through said sleeve and cooperating portions on said shaft and stretching member.

2,063,371
ESCAPEMENT DEVICE
Fritz Eibert, Munich, Germany, assignor to Dr. Jur. Robert Wolff, Basel, Switzerland
Application December 22, 1934, Serial No. 758,715
9 Claims. (Cl. 197—88)

1. In an escapement device for a typewriter, the combination which comprises a spring powered ratchet wheel, a pawl carrier with associated pawls capable of actuation by a key of said typewriter to permit intermittent movement of said ratchet wheel, resilient means between said ratchet wheel and said pawl carrier adapated to be deformed and to absorb energy during and

from the movement of said ratchet wheel and to release said energy in returning said pawl car-



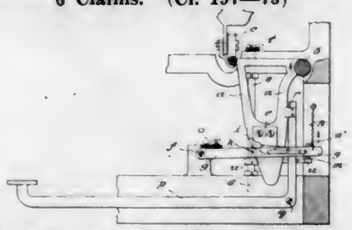
rier to its normal position of rest when said actuated key is released.

2,063,372

AUTOMATIC SHIFT-RELEASE DEVICE FOR TYPEWRITERS

Fritz Eibert, Munich, Germany, assignor to Dr. Jur. Robert Wolff, Basel, Switzerland

Application January 4, 1935, Serial No. 384
6 Claims. (Cl. 197—73)



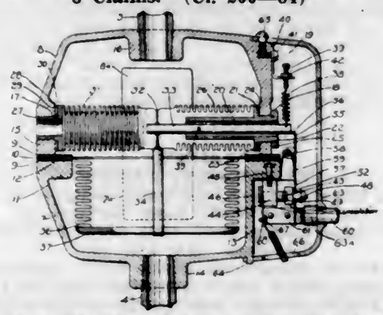
1. In a typewriter having a spring-powered ratchet wheel, the combination comprising a paper carriage, a carrier associated with the said paper carriage, a shift key co-operating with said carrier for lifting up said carriage, locking means for said carrier for locking the same after its shifted position has been reached, and releasing means actuated by the movement of said ratchet wheel for retracting said locking means after a type has been printed on a platen of said typewriter.

2,063,373

LOW WATER SAFETY DEVICE FOR BOILERS

Howard J. Findley, Cleveland, Ohio, assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio, a corporation of Ohio

Application June 9, 1932, Serial No. 616,346
8 Claims. (Cl. 200—84)



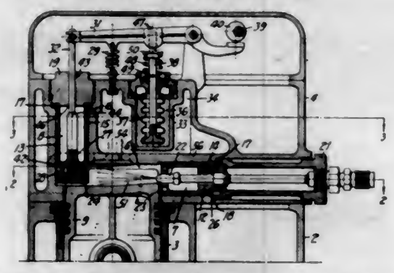
1. In a low water device for electrically actuated apparatus, a housing, connections establishing in the housing levels of water under pressure, an element in the housing movable responsive to changes of water level independently of pressure therein, contacts disposed externally of the housing and controlled by movement of the movable element to be actuated upon occurrence of water level below a predetermined level, by a contact-operating means projected through a perforation in the wall of the housing, means isolating said contact operating means from pressure within the housing and manual means for operating the contacts, said means being ineffective to maintain the contacts operated except upon restoration of level in the housing above the predetermined low level.

2,063,374

INTERNAL COMBUSTION ENGINE

Harvey F. Hansen, Alameda, and Herman J. Scholtze, Berkeley, Calif.

Application September 25, 1934, Serial No. 745,406
4 Claims. (Cl. 123—32)



1. In an internal combustion engine, the combination with a combustion chamber, and water cooling space thereabout, an air cell arranged for communication with said chamber, of means automatically operated in accordance with the thermal condition of said head for closing or opening communication between the cell and chamber and comprising a valve positionable to open or close said communication, a spring operating to move said valve to closed position, and a thermostatically operating unit extending into the water cooling space and operative to move said valve to open position incident to a predetermined heating of the engine.

2,063,375

WINDSHIELD WIPER

Herbert Harvey and Samuel Malis, Los Angeles, Calif., assignors to Leo M. Harvey, Los Angeles, Calif.

Application June 5, 1934, Serial No. 729,096
4 Claims. (Cl. 15—245)



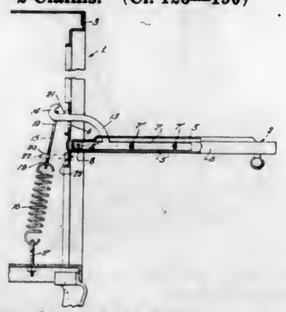
1. A windshield wiper including an elongate substantially rigid holder comprising side flanges and a longitudinal tongue projecting forwardly from between the flanges and having forwardly diverging sides, and a wiping element of rubber comprising longitudinal side parts clamped between the flanges and both sides of the tongue and projecting forwardly from the tongue, and a part connecting said side parts and adapted to have wiping contact with the surface to be wiped, the last named part being spaced from the tongue to provide an opening in the element which allows the free flexing of its said parts.

2,063,376

STOVE CONSTRUCTION

Lawrence J. Hausser, Joliet, Ill.

Original application May 21, 1934, Serial No. 726,705. Divided and this application October 5, 1934, Serial No. 746,966
2 Claims. (Cl. 126—190)



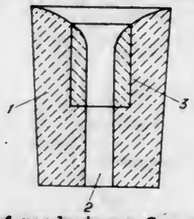
1. An oven door adapted to close an opening in the frame of a stove, comprising a panel, a circumferential flange for the panel, a pivot pin adapted to slidably project through said flange to engage an aperture in said frame to form a pivotal support for the door, a guiding bracket secured to the panel and through which said pin slidably extends, and means inserted in the pin and projecting from the panel for effecting longitudinal adjustment of said pin.

2,063,377

WAY OF MANUFACTURING FIREPROOF NOZZLES FOR LADLES

Govert Helmer, Surahammar, Sweden, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden, a corporation of Sweden

Application March 22, 1935, Serial No. 12,436
In Sweden March 23, 1934
1 Claim. (Cl. 22—190)



A method of producing a fireproof nozzle for a metal-pouring ladle which comprises applying to the pouring hole of the fire-clay body of the nozzle a wear-resisting lining material such as magnesite in an unburned condition, heating the lining material to a temperature substantially lower than its burning temperature and subsequently burning the wearing surface of the lining material to sintering by contact with the metal flowing through the nozzle.

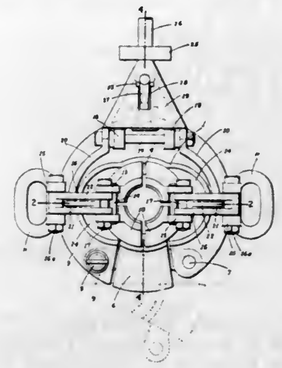
2,063,378

OIL WELL SPIDER

Benjamin Franklin Hiniker, Taft, Calif.

Application March 23, 1935, Serial No. 12,645
5 Claims. (Cl. 24—263)

1. A pipe holding spider comprising a body having a vertical bore, separate pipe engaging slip units slidably engaging the bore, posts upstanding from the body outwardly of the slip units, arm extending between and pivotally connected to the posts and units, said arms being substantially horizontal when the slips are lowered, links pivoted on the arms intermediate their ends and depending therefrom, and a rearwardly projecting lever pivoted intermediate its ends on the body rearwardly of the slip units and having horizontally spaced branches connected to the links at their lower end.

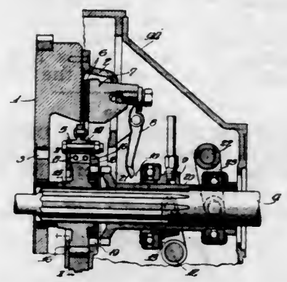


2,063,379

OVERRUNNING CLUTCH AND CONTROL MEANS THEREFOR

John W. Hobbs, Chicago, Ill., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois

Application March 27, 1931, Serial No. 525,737
14 Claims. (Cl. 192—13)



1. A motor vehicle having clutch and brake members, a driving element, a driven element, an overrunning connection between said elements, means operable by said brake member for preventing overrunning of said connection, and means controlled by the clutch member to prevent locking-out of said connection when said brake member is operated.

2,063,380

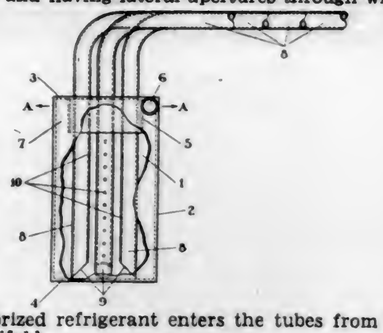
REFRIGERANT DISTRIBUTOR

Anthony F. Hoesel, Chicago, Ill., assignor to Peerless Ice Machine Company, Chicago, Ill., a corporation

Application October 18, 1935, Serial No. 45,587
10 Claims. (Cl. 62—126)

6. An evaporator comprising in combination a manifold adapted to receive liquid refrigerant and a plurality of tubes leading upward therefrom, the

lower ends of said tubes projecting into said manifold and having lateral apertures through which



vaporized refrigerant enters the tubes from the manifold.

2,063,381
LAWN SPRINKLER
Louis E. Holland, Kansas City, Mo.
Application February 21, 1935, Serial No. 7,521
8 Claims. (Cl. 299—56)



1. A sprinkler including a support, an inverted cone-shaped deflector carried by the support, impeller blades extending tangentially from said deflector, means for discharging a jet of liquid in angular contact with the impeller blades to effect rotation of the deflector and successive movement of the blades across said jet for atomizing and spreading the liquid, and a ring connectingly spacing the outer ends of the blades.

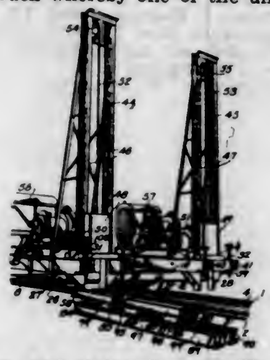
2,063,382
RUPTURE SUPPORTING DEVICE
John G. Homan, Steubenville, Ohio
Application May 5, 1934, Serial No. 724,079
1 Claim. (Cl. 128—117)



A support of the class described, comprising a substantially hemispherical vacuum cup having side walls of resilient rubber, and a sponge rubber pad within the cup, said pad having a head located in the mouth of the cup and of slightly less diameter than the mouth of the cup and a neck extending from the head to the base of cup to which the end of the neck is secured, the diameter of the neck being substantially smaller than the diameter of the cup to provide a large air space between the neck and the cup.

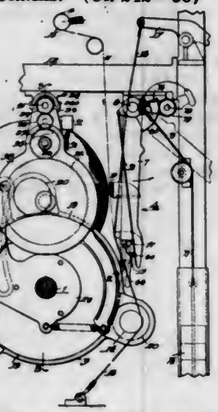
2,063,383
MACHINE FOR DRIVING PILING IN RAILROAD BEDS
Marvyn Jones, Kansas City, Mo.
Application June 28, 1935, Serial No. 28,845
11 Claims. (Cl. 104—2)

1. In a machine of the character described, a pair of pile driving units, a truck, means for supporting the pile driving units from the sides of the truck whereby one of the units balances



the other, and means for propelling the truck from one of said units.

2,063,384
WEB SPLICING DEVICE
Hans C. Jordhoy, North Plainfield, and Charles L. Ricards, South Plainfield, N. J., assignors to Wood Newspaper Machinery Corporation, New York, N. Y., a corporation of Virginia
Application October 21, 1933, Serial No. 694,602
Renewed May 5, 1936
18 Claims. (Cl. 242—58)

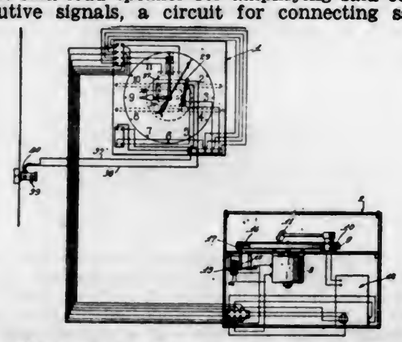


16. In a web splicing device, the combination with a rotatable magazine reel for mounting a plurality of web rolls, a fresh web roll and a running web, and power-operated means for accelerating the fresh web roll in less than one revolution so that its periphery will travel at the speed of the running web, of means for regulating the speed of angular rotation of the fresh roll with respect to the roll's diameter.

2,063,385
TIME CONTROLLED REPRODUCER AND AMPLIFIER
Paul Koenig, Chicago, Ill., assignor of forty per cent to David T. Kay and twenty per cent to Joseph L. McCarthy, both of Chicago, Ill.
Application March 6, 1933, Serial No. 659,778
10 Claims. (Cl. 58—14)

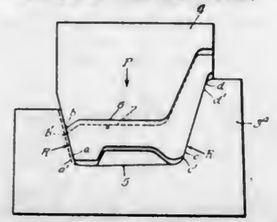
2. A time controlled electrical reproducer of the character described comprising a time clock unit having a time clock therein, a loud speaker,

an electrical phonograph unit comprising a motor having a rotatable record supporting table, a record on said table and having time signals consecutively recorded thereon, an electrical pick-up cooperating with said record, an amplifier electrically connected with said pick-up and with said loud speaker for amplifying said consecutive signals, a circuit for connecting said



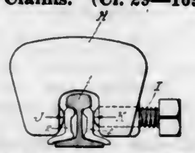
amplifier with a power circuit, a second circuit for connecting said motor with a power circuit, and means in each of said circuits and automatically operable in accordance with consecutive time indicating positions of the minute hand of said time clock for controlling the intermittent operation of said motor and said amplifier respectively.

2,063,386
METHOD OF SHAPING RAIL JOINT BARS
George Langford, Joliet, Ill.
Application December 5, 1935, Serial No. 53,035
3 Claims. (Cl. 29—169.1)



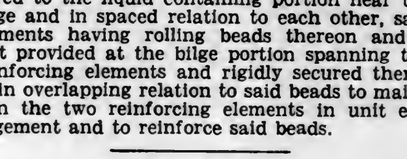
1. The method of deflecting inwardly the center portion of an angle form of rail joint bar so as to provide top and bottom fishing contact with worn rails at the center portion and end portions of the bar, consisting in heating said center portion and subjecting said center portion only to bending pressure so as to force it inwardly to the planes of top and bottom rail fishing contact, said center portion being restrained from downward deflection, and said end portions being restrained from inward deflection beyond the planes of top and bottom rail fishing contact.

2,063,387
METHOD OF REPAIRING A RAIL JOINT
George Langford, Joliet, Ill.
Application January 11, 1936, Serial No. 58,730
10 Claims. (Cl. 29—169.1)



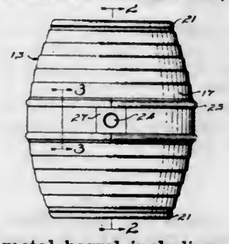
2. The method of repairing a worn rail joint, comprising bars of angle type, which comprises loosening the joint bolts, raising the rail ends and maintaining them longitudinally level on their top surface, then heating the bars near their center portion and forcing said center portion into tight fishing engagement with the rails.

2,063,388
VEHICLE CONSTRUCTION
Neil P. Larsen, Cleveland, Ohio, assignor to American Coach & Body Company, Cleveland, Ohio, a corporation of Ohio
Application February 13, 1936, Serial No. 63,755
3 Claims. (Cl. 296—64)



1. A vehicle body comprising a unitary structure having a partition therein dividing it into a closed cab compartment, and an open storage compartment, the cab compartment having a driver's seat extending from one side thereof and a second seat extending from the opposite side thereof, the body having a door on one side thereof providing a common entrance to both seats, and the partition having a door therein for providing a passageway between each of the seats and the storage compartment.

2,063,389
BARREL
Bertil T. Lindell, Detroit, Mich., assignor to The Murray Corporation of America, a corporation of Delaware
Application May 29, 1933, Serial No. 673,363
4 Claims. (Cl. 220—10)

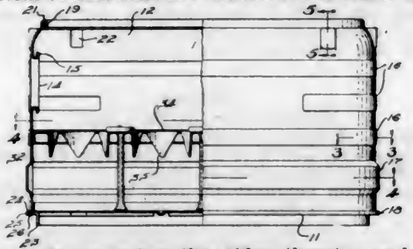


1. An all-metal barrel including, in combination, an inner liquid containing portion made up of like elements which are secured together near the bilge portion of the barrel, outer pot shaped reinforcing elements of heavier material secured to the liquid containing portion near the bilge and in spaced relation to each other, said elements having rolling beads thereon and a belt provided at the bilge portion spanning the reinforcing elements and rigidly secured thereto in overlapping relation to said beads to maintain the two reinforcing elements in unit engagement and to reinforce said beads.

2,063,390
BOTTLE CASE
Bertil T. Lindell, Detroit, Mich., assignor to The Murray Corporation of America, a corporation of Delaware
Application November 6, 1933, Serial No. 696,749
2 Claims. (Cl. 220—21)

1. A case including metal sides having an inwardly curved top portion, a bottom frame for

said case of angle cross section, flanges on the bottom of said sides formed about one web of the



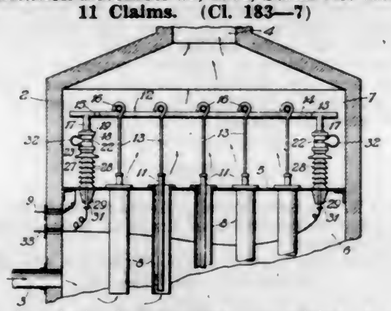
frame for securing the sides thereto, and a frame element about which the upper edge of said case is rolled.

2,063,391

ELECTRODE MOUNTING

Boyd C. Malick, Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana

Application December 29, 1934, Serial No. 759,735
11 Claims. (Cl. 183—7)



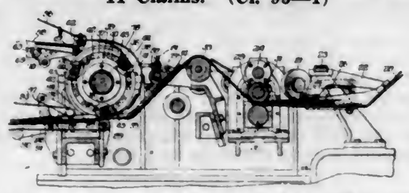
1. An electrode mounting comprising, a substantially rigid metal electrode supporting frame including a plurality of depending vertical members, insulators fixed beneath and in substantial axial alignment with said members, and substantially frictionless thrust bearings interposed between said members and said insulators.

2,063,392

PACKAGE MACHINE

Wes W. McCain, Oak Park, Ill., assignor to Shellmar Products Company, Chicago, Ill., a corporation of Delaware

Application January 23, 1933, Serial No. 653,033
11 Claims. (Cl. 93—1)



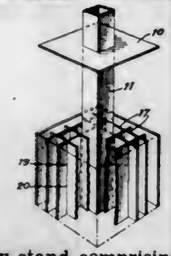
1. In a machine of the type described, means for feeding a continuous web of a cellulose material, means for folding over the outer edges of said web, means for unfolding said edges, means for inserting cardboard backing members between said edges at spaced intervals, means for adhesively securing said edges to said cardboard members, and means for severing said cellulose material between adjacent cardboard members.

2,063,393

DISPLAY STAND

Paul D. McIver, Salt Lake City, Utah, assignor to Hills Bros., San Francisco, Calif., a corporation of California

Application June 15, 1935, Serial No. 26,807
2 Claims. (Cl. 211—49)



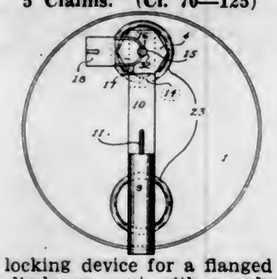
1. A display stand comprising a box-like base and an upright column, said base having an interior reinforcing member of cellular structure and said column being supported by said reinforcing member to retain it in a vertical position, said reinforcing member supporting a top for the base upon which articles to be displayed may be arranged in superposed horizontal rows encircling said column.

2,063,394

DRUM LOCK

Frank W. Meyer, East St. Louis, Ill.

Application June 5, 1935, Serial No. 25,077
5 Claims. (Cl. 70—125)



4. In a locking device for a flanged container having a discharge port with a valved closure and a filling port with a threaded closure, a bar for extension between and beyond said closures, said bar having a notch in one end for receiving the discharge port closure, means adjacent said notch for preventing access to the discharge port closure, said bar further having an opening adjacent the filling port closure for receiving a portion of the latter therethrough, lock means for preventing withdrawal of the bar from the filling port closure, means adjacent said opening for engagement with the filling port closure for preventing rotation of the latter, and a cross-bar secured to said bar for engagement with the flange of the container on opposite sides of said bar.

2,063,395

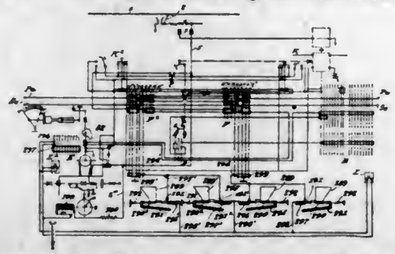
SAND DISCHARGING APPARATUS FOR VEHICLES

Louis-Eugène-Widolt Montrose-Oster, Karlsbad, Czechoslovakia

Original application December 15, 1930, Serial No. 502,535. Divided and this application March 16, 1934, Serial No. 715,893. In Germany December 16, 1929
2 Claims. (Cl. 291—15)

1. In combination with a vehicle having front and rear wheel trucks, a movable brake con-

trolling member, vehicle direction control instrumentalities, normally closed sand discharge devices associated with the front wheels of the vehicle in both directions of travel, electromechanical means for actuating said devices to open position, control circuits therefor, said vehicle direction control instrumentalities including separate pairs of contacts in each said control circuit operable respectively to circuit closing position in response to operation of the respective direction controlling instrumentalities



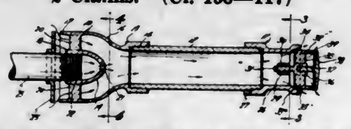
for completing the control circuit to said electromechanical means associated with the front wheel of the respective trucks in accordance with the direction of travel of the vehicle, and means rendered effective in a definite predetermined position of said movable brake controlling member for closing that control circuit in which the contacts of a vehicle direction control instrumentality have been closed whereby to effect discharge of sand in accordance with existing direction of travel.

2,063,396

GAS FUEL BURNER

Homer P. Parrigin, Port Arthur, Tex.

Application September 17, 1934, Serial No. 744,299
2 Claims. (Cl. 158—117)



1. In a device of the kind described, a barrel, a housing mounted on one end of the barrel and flaring outward towards its outer open end, a nozzle supported coaxially within this open end of the housing, a plate adjustably supported adjacent to and coaxially with the nozzle and adapted to partially close the open end of the housing, and a fuel mixture ejecting and deflecting means at the opposite end of the barrel, the same comprising an open cylindrical housing mounted on the barrel, a hub coaxially supported in the housing, and having a threaded bore, a deflector comprising an annular shell and a spider mounted within the shell, the said spider having a threaded socket opening at one side and a threaded stem extended from the other side and threaded in the bore in the hub, a flat disk-like outer deflector plate, and a threaded stem extended from this deflector plate and threaded in the said socket.

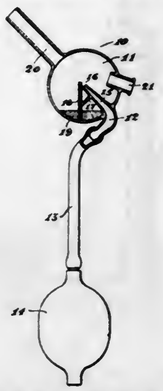
2,063,397

NEBULIZER

Benjamin S. Paschall, Seattle, Wash.

Application October 1, 1935, Serial No. 43,077
4 Claims. (Cl. 299—88.5)

3. A nebulizer comprising a flask, a discharge nozzle radiating from the flask, an air injection tube extending into the flask and directed to point through the discharge nozzle, a capillary tube connected to said air injection tube in angular relation therewith and having its end



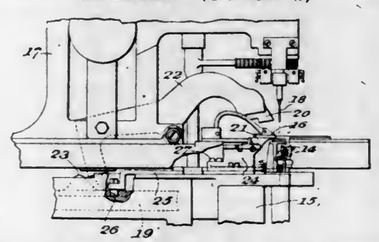
portion disposed in contiguous relation with the discharge end of the air injection tube, and an air intake tube extending into the flask and directed at the opening into the discharge nozzle.

2,063,398

CUTTER FOR BUTTONHOLE MACHINES

Joseph H. Pikul, Boston, and Carl A. O. Grip, Newton, Mass., assignors to The Reece Button Hole Machine Company, Boston, Mass., a corporation of Maine

Application June 11, 1935, Serial No. 25,988
11 Claims. (Cl. 164—2)



11. In a buttonhole machine, a buttonhole cutter, a carrier in which said cutter is detachably mounted for adjustment both laterally and longitudinally, and a support in which said carrier is removably received, said carrier and support having interengaging means whereby insertion of said carrier into said support locates the former in a fixed predetermined position with respect to the latter.

2,063,399

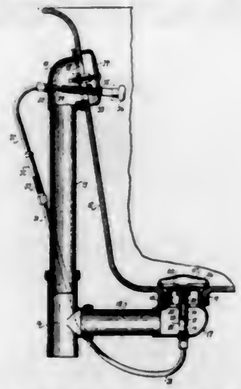
WASTE AND OVERFLOW FOR BATHTUBS AND BASINS

Floyd H. Rasmussen, Waterbury, Conn.

Application May 21, 1936, Serial No. 80,944
3 Claims. (Cl. 4—203)

1. A waste-and-overflow fixture comprising, a bushing in the waste, a plug seated therein, said plug having a tubular stem, a fitting into which the waste opens, a vertically-arranged tube mounted in said fitting and over which the plug-stem extends, a flexible shaft extending from the overflow into the waste-fitting, said shaft provided with a tapered stem adapted when

raised to close the tube through which it projects, and means attached to the upper end of



the flexible shaft for moving the same, whereby the plug may be lifted from its seat.

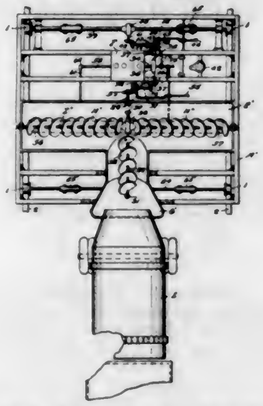
2,063,400

METHOD FOR MAKING ROADS

John F. Robb, Cleveland Heights, Ohio, assignor to Koehring Company, Milwaukee, Wis., a corporation

Original application April 3, 1930, Serial No. 441,279. Divided and this application November 24, 1934, Serial No. 754,619

1 Claim. (Cl. 94—46)



The method of laying road aggregates which comprises advancing over the subgrade a power driven hopper unit adapted to receive and distribute the aggregates, successively bringing separate power driven aggregate-containing units into position so that the aggregates contained therein may be deposited in the hopper unit, advancing the respective aggregate containing units along the subgrade at a speed corresponding to the speed of movement of the hopper unit and depositing the aggregates into the hopper unit during the advancing movement of the hopper unit, whereby the supply of aggregates to the hopper unit will be substantially continuous, and spreading the aggregates in the hopper unit in a direction at right angles to the direction of travel thereof as the hopper unit and containing units progress along the subgrade.

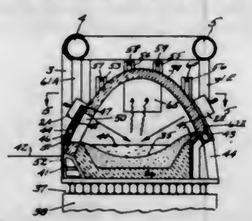
2,063,401

METHOD OF AND MEANS FOR OPERATING FURNACES FOR MELTING AND REFINING METALS AND THE LIKE

Allen M. Rossman, Wilmette, Ill., assignor to Rossman Engineering Company, Chicago, Ill., a corporation of Illinois

Application May 24, 1933, Serial No. 672,545

15 Claims. (Cl. 263—52)



1. The method of firing an open hearth furnace during the refining of a bath of molten metal, comprising directing streams of flames at comparatively high velocity from a plurality of burners arranged along opposite sides of said bath, causing said streams of flames to impinge upon and to sweep the surface of said bath towards the center of the bath, providing for the substantial completion of combustion at the center and in close proximity with the bath, whereby the burned gases are forced upward from the center of the bath towards the roof, and drawing said gases out of said furnace at comparatively low velocity by moving the same lengthwise of the furnace above and crosswise of the streams of flame.

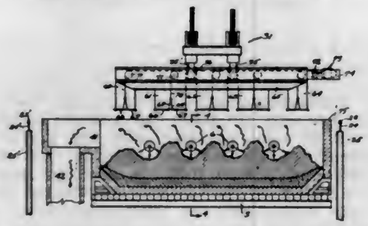
2,063,402

OPEN HEARTH FURNACE AND THE LIKE

Allen M. Rossman, Wilmette, Ill., assignor to Rossman Engineering Company, Chicago, Ill., a corporation of Illinois

Application July 17, 1933, Serial No. 680,811

21 Claims. (Cl. 266—33)



1. In combination with an open hearth furnace or the like having a row of spaced apart burners along each of two opposite sides of said furnace, means for arranging a charge to be melted in said furnace in piles between said burners with a channel in the charge in front of each burner.

3. In combination with a melting furnace having a hearth, a removable roof, and a row of spaced apart burners along a side of said furnace, means for arranging a charge in said furnace in piles between said burners, said means comprising a structural framework, a plurality of buckets supported on said framework, said buckets being spaced to correspond to the spaces between said burners, and means for lifting said framework and buckets to a position over said hearth.

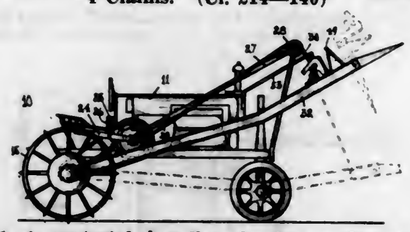
2,063,403

MATERIAL LOADING MECHANISM

John A. Schinck, Meadow Grove, Nebr.

Application November 22, 1935, Serial No. 51,048

4 Claims. (Cl. 214—140)



1. A material handler, having a frame, a scoop pivoted in the frame, a hook secured to and extending backwardly from the scoop and having a rearwardly opening slot therein extending backwardly relative to the scoop, said slot provided with a relatively long arm at the upper side thereof, a lever pivoted on the frame having a roller engaging in the slot of the hook to hold the scoop in loading position, means for swinging the lever to move the roller in the slot and vary the angle of the scoop in the frame and adapted to be swung to release the roller from the slot and free the scoop for movement into dumping position.

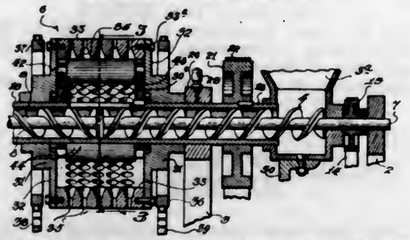
2,063,404

COMBINATION FEED SIZER AND CUTTER

John L. Selman, El Paso, Tex.

Application June 20, 1936, Serial No. 86,369

6 Claims. (Cl. 107—8)



1. A machine of the character described, comprising a framework supporting an elongated hollow member with conveyors rotatably mounted therein and communicating with a hopper at each end of the machine; means providing a common point of collection for the material thus conveyed inwardly, said means constituting a cylinder die with apertures formed therein, and cutting means carried in said cylinder whereby the material is cut and simultaneously forced through said apertures and delivered from the machine into cubes or the like.

2,063,405

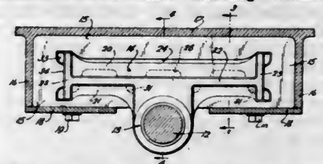
FIFTH WHEEL CONSTRUCTION

Carl G. Seyferth, Muskegon, Mich., assignor to West Michigan Steel Foundry Co., Muskegon, Mich., a corporation of Michigan

Application July 20, 1935, Serial No. 32,338

3 Claims. (Cl. 280—33.1)

1. In a fifth wheel construction including upper and lower fifth wheel elements, the combination of a housing carried by one of said elements, a bearing member carried by the other of said elements and having a portion thereof disposed within said housing, and cushioning means interposed between said bearing member and said housing for yieldably resisting relative movements between said bearing member and



said cushioning means, comprising means for obtaining a secondary cushioning effect pneumatically.

2,063,406

GRIPPING DEVICE

Irene M. Sloan, Kansas City, Mo.

Application April 4, 1935, Serial No. 14,621

2 Claims. (Cl. 81—3.1)



1. In a device of the character described, a base member having a flat working surface, a support mounted on the base member having a slot at right angles to said working surface, a clamping member mounted on the support having a flat working surface at other than a right angle to the sides of said slot and cooperable with said base working surface for providing a constricted portion at one end thereof, whereby a screw cap attached to a container may be rolled on said base member toward said constricted portion of the device to loosen and remove the cap from the container, the clamping member having means extending laterally therefrom and slidable in said slot, and means mounted on said laterally extending means clampingly engageable with said support for adjustably fixing the clamping member on the support relative to the base member.

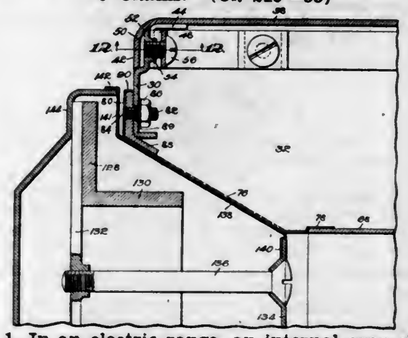
2,063,407

ELECTRIC HEATING DEVICE

Herbert M. Smith, Dedham, Mass., assignor to Thomson Electric Welding Company, Lynn, Mass., a corporation of Massachusetts

Application February 4, 1930, Serial No. 425,772

6 Claims. (Cl. 219—35)



1. In an electric range, an internal oven shell and an external casing with intermediate heat

insulation, said oven being formed with sheet metal walls, an angular throat for the open end of the oven formed of sheet metal, of lesser thickness than that of the oven walls, a door for the open end of the oven having an inner sheet metal wall closing the oven, and an angled sheet metal wall on the oven door adapted to seat against the angular throat of the oven and of lesser thickness than the inner wall of the door thereby to minimize heat conduction from the oven walls.

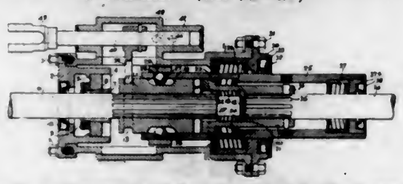
2,063,408

SPLIT DRIVE-SINGLE CONTROL

Ralph Ervin Smith, Galion, Ohio, assignor to The Galion Metallic Vault Company, Galion, Ohio, a corporation of Ohio

Application July 27, 1934, Serial No. 737,278

9 Claims. (Cl. 74—11)



1. In a power take-off, a frame, a hollow driven shaft rotatably supported by the frame, a second driven shaft rotatably supported in the hollow shaft, a sleeve on the second driven shaft, a power shaft supported by roller bearings in the frame and by roller bearings in the sleeve, clutch jaws on the sleeve, balls mounted in recesses in the hollow shaft projecting beyond the inner surface thereof and arranged to serve as power-transmitting members, and a clutch member having jaws adapted to engage the sleeve jaws, an annular groove in the clutch member in which the balls may run free when the jaws of the clutch and sleeve members are in engagement, and pockets in said clutch member adjacent the groove to receive the balls to clutch the hollow shaft to the power shaft when the jaws are out of engagement, said groove being of such width that in one position of the clutch, when said jaws are disengaged, the balls may rotate freely therein, and the clutch member may rotate with the power shaft free of both driven shafts.

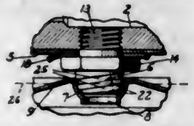
2,063,409

LUBRICATING DEVICE

Harry R. Tear, Evanston, Ill., assignor to The Lubrication Corporation, South Bend, Ind., a corporation of Delaware

Application July 14, 1934, Serial No. 735,193

11 Claims. (Cl. 221—47.3)



1. A cartridge connector stud for establishing a fluid connection between a fluid dispensing device and an apertured fluid-containing cartridge, said stud having a contact surface for engagement with the wall of said cartridge surrounding the aperture thereof and having a plurality of annular grooves dividing said contact surface into a plurality of separated surfaces said grooves lying in planes at angles less than right angles to the axis of the stud.

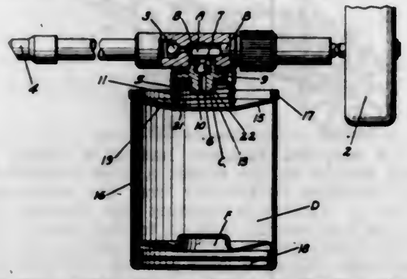
2,063,410

LUBRICATING DEVICE

Harry R. Tear, Evanston, Ill., assignor to The Lubrication Corporation, a corporation of Delaware

Original application October 15, 1932, Serial No. 637,916. Divided and this application March 18, 1935, Serial No. 11,552

5 Claims. (Cl. 221—47.3)



1. In combination, a lubricant feeding device having a cartridge connector assembly including a tubular stud and a threaded socket rigidly connected to and concentric with said stud, and a lubricant cartridge having an end wall formed with a threaded extension for reception in said socket and having a lubricant outlet opening centrally located in said extension, the walls of which are adapted to closely receive and to form a lubricant tight seal with said stud when said cartridge is screwed into said socket.

2,063,411

LUBRICATING DEVICE

Harry R. Tear, Evanston, Ill., assignor to The Lubrication Corporation, Chicago, Ill., a corporation of Delaware

Application August 27, 1935, Serial No. 38,067

10 Claims. (Cl. 221—47.4)



1. A lubricating device comprising, a high pressure pump including relatively telescoping parts said parts including interengaging means to hold them against relative rotation at all times, a source of lubricant supply for said pump, and means movable with respect to said pump parts for holding the parts in lubricant discharged position.

2,063,412

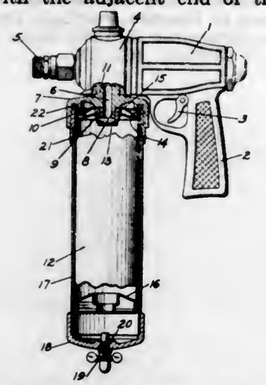
LUBRICATING DEVICE

Harry R. Tear, Evanston, Ill., assignor to The Lubrication Corporation, Chicago, Ill., a corporation of Delaware

Application September 25, 1935, Serial No. 42,000

2 Claims. (Cl. 221—47.3)

1. A lubricating device comprising, a pump having an inlet opening surrounded by an annular collar provided with coarse screw threads, and a barrel adapted to be secured to said pump and including a thin walled cylindrical shell, a cylindrical connecting ring of relatively thick section, one end of said ring and one end of said shell being connected by means forming a semi-permanent connection, the opposite end of the ring being formed with screw threads to engage the threads on the collar, and an annular sealing gasket carried by the collar in register with the adjacent end of the ring to



form a fluid tight seal between the collar and the ring.

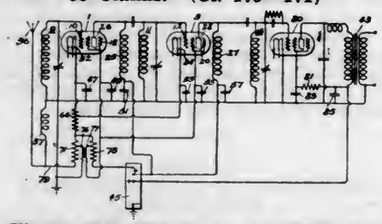
2,063,413

RADIO FREQUENCY CONTROL SYSTEM

Alfred H. Turner, Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware

Application September 16, 1930, Serial No. 482,193

36 Claims. (Cl. 179—171)



1. The combination in an amplifying system employing a multi-grid thermionic tube having a cathode, a first grid, a second grid and an anode, of amplification control means for varying the potential on said first grid in a negative direction to decrease amplification and means for simultaneously varying the potential on said second grid in a positive direction to minimize distortion when the potential on said first grid becomes excessive.

32. In a modulated carrier receiving system employing screen grid tubes in cascade, a space current supply source for energizing said tubes, means providing operating negative bias on the control grids of a plurality of said tubes, amplification control means for increasing the negative grid biases of said plurality of tubes for reducing amplification thereof, and regulating means in circuit with a screen grid of at least one of amplification controlled tubes for causing the reduction in amplification thereof to occur at a slower rate than that of at least one other of said controlled tubes.

2,063,414

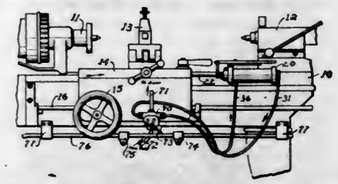
HYDRAULIC FEED FOR MACHINE TOOLS

Oscar G. Tweddell, Detroit, Mich., assignor of one-third to Victor R. Heftler, Grosse Pointe Park, Mich.

Application November 17, 1933, Serial No. 698,403

3 Claims. (Cl. 121—45)

1. In a hydraulic control mechanism, a carriage, a motor operated by fluid under pressure for moving said carriage, a conduit carrying fluid under pressure to said motor for one direction of movement of said carriage and providing a fluid outlet for the opposite direction of movement, a plunger valve for controlling the quantity of flow through said conduit, a cam



mounted for movement with said carriage, a control element of said plunger valve contacting said cam to produce variation in quantity of fluid flowing to and from said motor and means responsive to the reverse movement of said carriage for rendering said cam inoperative.

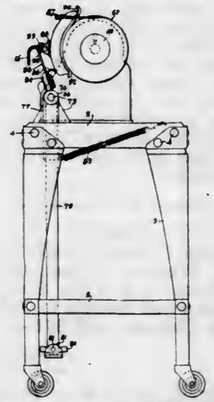
2,063,415

IRONING MACHINE

Robert J. Waterworth, Sidney, Ohio, assignor to Prima Manufacturing Company, Inc., Sidney, Ohio, a corporation of Ohio

Application April 2, 1934, Serial No. 718,622

5 Claims. (Cl. 38—60)



1. In an ironing machine, an ironing shoe, a movable member having attached thereto a pair of contiguous pressure springs arranged with one spring adjoining the other, and means for pivotally attaching the shoe to one spring, said other spring being positioned in such proximity to said pivoted spring that the shoe will be partly and yieldingly supported by the other spring.

2,063,416

TRIISOPROPYL-NAPHTHALENE-BETA-SULPHONIC ACID COMPOUNDS AND PROCESS FOR PREPARING THEM

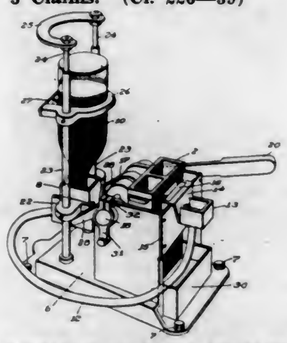
Henry J. Weiland, South Milwaukee, and Milton A. Prahl, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application August 25, 1933, Serial No. 686,854

4 Claims. (Cl. 260—159)

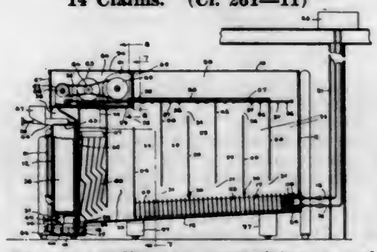
1. An aqueous paste essentially comprising the ammonium salt of tri-isopropyl-naphthalene-beta-sulphonic acid.

2,063,417
BATTERY FILLING APPARATUS
Grant Wheat, Marlboro, Mass., assignor to Koehler Manufacturing Company, Marlboro, Mass., a corporation of Massachusetts
Application December 28, 1934, Serial No. 759,500
5 Claims. (Cl. 226—39)



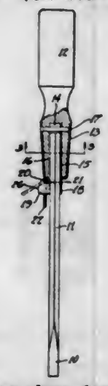
1. In an apparatus for filling batteries having side inlets, the combination of a container for liquid, means for maintaining a substantially constant level of liquid in said container, a support for a battery, means for conducting liquid from said container to said battery, said conducting means including a connector having a cushioned outlet to engage the face of the battery around and adjacent to said inlet, mechanism including a cam for forcing said connector against the surface of said battery surrounding said inlet, additional means for relatively moving said battery and said reservoir to produce a gravity flow of liquid from the reservoir into said battery, and a single actuator for operating both said mechanism and said additional means.

2,063,418
CABINET AIR-CONDITIONER
Frank A. Whiteley, Minneapolis, Minn.
Application January 9, 1933, Serial No. 650,773
Renewed August 8, 1935
14 Claims. (Cl. 261—11)



1. An air-conditioner comprising a cabinet embodying a plurality of vertical partitions, forming a series of connected up and down passageways which in their entirety make an elongated tortuous passageway, means to move air through said passageway and discharge it from the cabinet, means in the cabinet to circulate water therein and form a spray descending from the top to the bottom of the several vertical portions of said passageway, and a refrigerating member extending along the bottoms of said portions, said refrigerating member comprising a cast metal body with the tubes for conveying refrigerating fluid entirely sealed within said body.

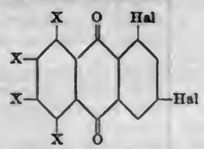
2,063,419
SCREW DRIVER HANDLE
Marco G. Zongaro, Portland, Oreg.
Application September 16, 1935, Serial No. 40,687
2 Claims. (Cl. 279—41)



1. In a device of the class described a handle having a split tubular insert capable of being contracted, a key having a tapering slot therein, said key being pivotally mounted on said tubular member with the widest end thereof adjacent to the shaft, said tubular member having projecting wings thereon on opposite sides of its split portion, said tubular member having a transverse slot formed across same adjacent to said wings, the outermost edges of said wings being curved and adapted to engage the tapering sides of said key in a manner that said wings will be moved toward each other when said key is moved into parallelism with the axis of the tube.

2,063,420
HALOGENATED ANTHRAQUINONE COMPOUNDS
William Dettwyler, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application May 24, 1935, Serial No. 23,254
5 Claims. (Cl. 260—57)

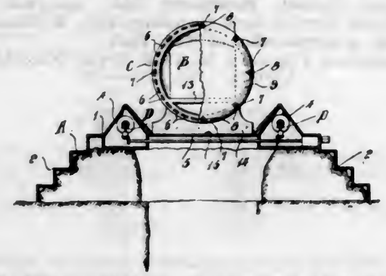
1. Compounds of the formula



wherein 2 of the X's in meta position to each other stands for halogen and the remaining X's stand for hydrogen.

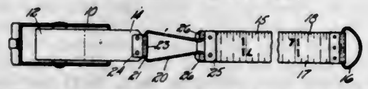
2,063,421
BURIAL VAULT
Richard S. Donahey, Columbus, Ohio
Application April 24, 1936, Serial No. 76,285
2 Claims. (Cl. 27—35)

1. A burial vault comprising an elongated body portion moulded in tubular form, in one piece, from vitrified clay, said body portion formed with a plurality of longitudinally disposed openings extending the full length thereof and spaced around its circumference, a separate wall for one end of the body portion of the vault, fastening rods extending through corresponding openings in the body portion of the vault and through both end walls of the latter,



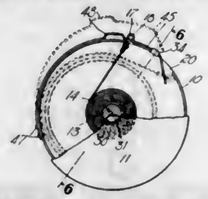
and nuts screwed on one end of said fastening rods.

2,063,422
COILABLE MEASURING DEVICE
Hiram A. Farrand, Berlin, N. H., assignor to Hiram A. Farrand, Inc., Berlin, N. H., a corporation of New Hampshire
Application February 24, 1932, Serial No. 594,859
16 Claims. (Cl. 33—138)



10. In a measuring rule, a holder, a flexible measuring strip adapted to be coiled therein, resilient means within said holder for coiling said strip and having a strap end; and a quick detachable connection between said measuring strip and strap end and comprising an element on said strap end having a transversely extending pin and a transversely extending sleeve on said measuring strip adapted to slidably receive said pin, said pin and sleeve being engageable one with the other only by a longitudinal movement of one of them with respect to the other, said element on said strap end being adapted to engage said holder when the strip is detached from said element in order to prevent loss of energy from said resilient means.

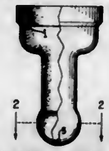
2,063,423
COILABLE MEASURING DEVICE
Hiram A. Farrand, Berlin, N. H., assignor to Hiram A. Farrand, Inc., Berlin, N. H., a corporation of New Hampshire
Application October 17, 1932, Serial No. 638,129
22 Claims. (Cl. 33—138)



1. In combination, a supporting structure having an entrance opening, a measuring strip adapted to be coiled within said supporting structure and moved through said opening, resilient means within said supporting structure for coiling said strip and having an end portion to which said measuring strip is connected in a readily detachable manner, said portion being adapted to be drawn through said opening and having a recess, and means on the supporting structure adjacent said opening for engaging in said recess.

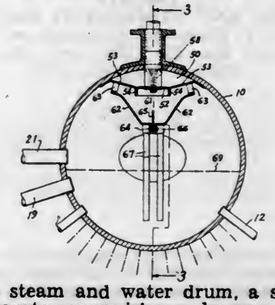
14. In combination, a supporting structure having an entrance opening, a measuring strip adapted to be coiled within said supporting structure and moved through said opening, a resilient strip coiled within said supporting structure and to which one end of said measuring strip is positively connected, an element within said supporting structure to which the inner end of said resilient strip is anchored, said element being rotatably adjustable with respect to said supporting structure, and means for securing said element in adjusted position and against rotation with respect to said supporting structure, said means serving to tension the resilient strip for retracting the measuring strip under the same initial tension each time it is withdrawn to the same extent from the casing.

2,063,424
NURSING NIPPLE
Elmer Ferguson, Spokane, Wash.
Application December 1, 1934, Serial No. 755,599
12 Claims. (Cl. 128—252)



1. A nursing nipple embodying an orifice formed by a number of intersecting slots.

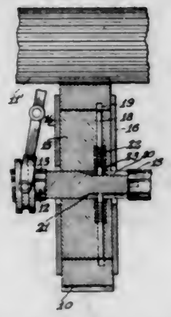
2,063,425
STEAM AND WATER SEPARATOR
James Fletcher, Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J., a corporation of New Jersey
Application June 30, 1933, Serial No. 678,374
6 Claims. (Cl. 122—491)



1. In a steam and water drum, a steam and water separator comprising a dry pan extending longitudinally above the normal water level and forming a dry steam space in the upper portion of said drum, upwardly flaring longitudinally extending baffle plates suspended from and symmetrically arranged in spaced relation to said dry pan and forming a steam and water separating space below said dry pan having narrow inlets along opposite sides thereof and above the normal water level in said drum, a vertical impingement plate extending along the bottom of said separating space and terminating short of said dry pan and forming moisture collecting spaces at the bottom of said separating space, depending baffles on said dry pan arranged to deflect the entering steam towards said impingement plate, a series of submerged drain pipes con-

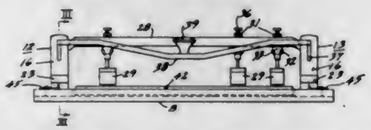
nected to the bottom of said separating space at opposite sides of said impingement plate, and perforations in said dry pan between said depending baffles for the passage of steam from said separating space to said dry steam space.

2,063,426
CLUTCH
Michael J. Galvin and Von Fenner, Chicago, Ill.
Application December 5, 1934, Serial No. 756,140
6 Claims. (Cl. 192—53)



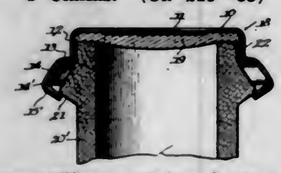
1. In a clutch, a rotary driven member, an axially movable rotary driving member concentric therewith, means for connecting said members frictionally comprising radially movable centrifugal shoes interposed between said members and secured to said driving member for rotation therewith, locking elements movable into position to lock said shoes to said driven member, and positive operating connections between said driving member and said locking elements operable upon axial movement of said driving member.

2,063,427
DATING AND NUMBERING MACHINE
Lewis T. Gilardoni, Birmingham, Ala.
Application May 31, 1935, Serial No. 24,272
6 Claims. (Cl. 101—316)



6. In a dating and numbering machine, a base, end members secured to the base, vertically-disposed bearing sleeves provided on said end members, hollow plungers mounted for vertical movement in said bearing sleeves, compression springs mounted within the hollow plungers to yieldably resist a downward movement of same, a cross bar having its ends demountably engaging said plungers to receive a plurality of dating and numbering machines, a U-shaped operating handle pivotally connected at its ends to the end members for engaging and moving the hollow plungers and cross bar downwardly to bring the dating and numbering machines into contact with the base, a cup-shaped hold-down member positioned on the end of each plunger for vertical movement relative thereto, and compression springs interposed between the plungers and their respective hold-down members.

2,063,428
CONTAINER CAP
George Goebel, Baltimore, Md., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md., a corporation of New York
Application February 26, 1936, Serial No. 65,885
4 Claims. (Cl. 215—38)



1. For use with a container having a tubular portion with a mouth at one end thereof, said tubular portion being provided with an external circumferential rib which presents an annular shoulder faced away from the mouth, a metal cap having a top portion and a skirt portion, the free marginal portion of said skirt portion being sharply bent inwardly on a circumferential line to provide a continuous circular edge whose diameter is slightly less than the maximum diameter of said rib, the circumferential line of said bend having a diameter considerably greater than the maximum diameter of said rib, the cap being adapted to be snapped on said tubular portion to engage said edge under said shoulder, the proportions being such that when said edge is engaged under said shoulder said skirt portion is tensioned and draws said top portion toward the extremity of said tubular portion to effect a seal, the skirt portion immediately adjacent said top portion being formed so as to closely embrace the end of said tubular portion and thereby center the cap.

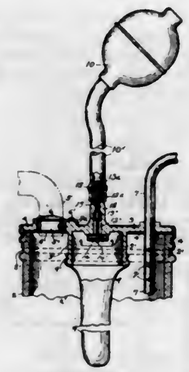
2,063,429
HOSE SUPPORTER
Moses Gordon, Cincinnati, Ohio, assignor of one-half to Morris Gordon, Cincinnati, Ohio
Application May 1, 1934, Serial No. 723,370
15 Claims. (Cl. 24—264)



1. In a hose supporter, clamping elements comprising a female member provided with a flat under surface terminating along its longitudinal edges in parallel undercut grooves which form flanges thereover and which grooves decrease in thickness from the attached to the free end of said female member, in combination with a flat male member decreasing in thickness from its attached to its free end and adapted to have its longitudinal edges engage beneath said flanges, said members having their respective

flanges and edges normally spaced from one another to receive material therebetween so that when said members are pushed longitudinally of each other in the direction of the decreasing thickness of the grooves they will securely clamp material therebetween.

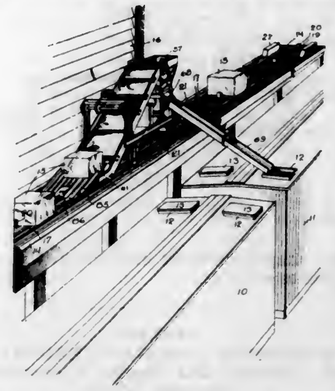
2,063,430
LIQUID DISPENSER
Thomas T. Graser, Syracuse, N. Y., assignor of one-half to Eugene D. Lichtenberg, Syracuse, N. Y.
Application September 24, 1935, Serial No. 41,877
3 Claims. (Cl. 225—11)



1. In a liquid dispenser, a container, a cap therefor having a filling opening, a perforated dispensing tube extending through the cap and terminating adjacent the bottom of the container, a faucet for the tube, a tubular member extending through the cap, a floating valve for controlling the lower end of the tubular member, a cage in which the valve is confined, an expandible bulb-like member connected to the cap and surrounding the lower end of the tubular member, a spring pressed stem in the tubular member, formed to be manually depressed so as to unseat the valve, means to normally hold the stem disengaged from the valve, an air pump for supplying compressed air to the expansible member thereby to force the stem downwardly to unseat the valve and to inflate the expandible member and upon inflation to cause the compressed air to move the valve to seated position, and means to removably connect the pump to the tubular member whereby upon removal to enable the stem to be manually operated, thereby to unseat the valve.

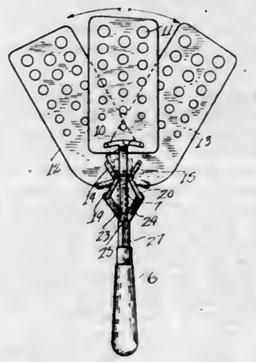
2,063,431
APPARATUS FOR ICING RAILWAY REFRIGERATOR CARS OR OTHER VEHICLES
Ellison C. Grayson and Verne W. Benner, St. Paul, Minn.
Application May 28, 1935, Serial No. 23,934
8 Claims. (Cl. 83—63)

1. In apparatus for supplying crushed ice to railway cars and/or road vehicles, the combination comprising, an ice handling and distributing platform paralleling and adjacent to a track or roadway on which vehicles to be iced may be positioned, a mobile ice crushing machine movable along said platform and over block ice distributed thereon to any point conveniently located with respect to the vehicle to be iced, means mounted on said machine for transferring block ice from said platform to the crushing mechanism of said machine, means for shifting said transferring



means to a position clear of block ice on said platform, and means for delivering crushed ice from the crushing mechanism directly to a vehicle adjacent said platform.

2,063,432
KITCHEN UTENSIL
Minnie Greene and Lois Udey, El Segundo, Calif.
Application August 16, 1935, Serial No. 36,601
3 Claims. (Cl. 294—7)

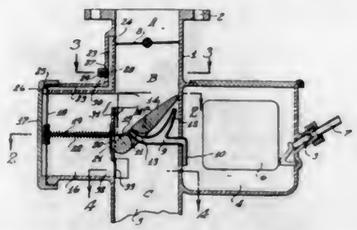


1. In a food lifting device, a shank carrying a handle, a plurality of blades offset with relation to said shank, each of said blades being positioned in an individual plane below the plane of said shank, said blades including a fixed blade and a pair of end blades, a slider movable over said shank and interconnected with said blades, whereby upon movement of said slider along said shank an expansion or contraction of the blades will be effected.

2,063,433
CARBURETOR
John J. Grenat, Detroit, Mich.
Application April 23, 1934, Serial No. 721,898
12 Claims. (Cl. 261—53)

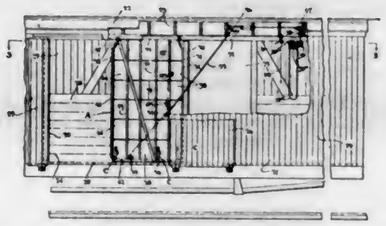
1. In a carburetor, a fuel jet formed with a pair of nozzles, an air valve, said air valve being adapted to close off the passage of air through

said carburetor and to cover one of said nozzles when in a closed position, said valve having a



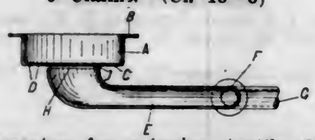
Venturi shaped opening into which the other of said nozzles extends.

2,063,434
CONVERTIBLE RAILWAY FREIGHT CAR
Arthur J. Hersey and Charles L. Madden, Minneapolis, Minn.
Application February 20, 1936, Serial No. 64,922
22 Claims. (Cl. 105—376)



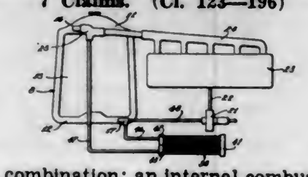
1. A car having doorways in the opposite side walls thereof arranged in staggered relation, each doorway having double doors meeting between the sides thereof, a partition within the car hingedly hung from overhead and swingable on a substantially horizontal axis diagonally of the car to occupy an overhead position of disuse and a depending position of use filling the area between the doors substantially in the plane of the meeting lines of said doors, whereby the compartments of the car at either side of said partition are individually accessible through the corresponding sides of the doorways at either side of the car, said partition comprising a body portion and a corner section diagonally hinged thereto, the diagonal hinging of the partition with respect to the car causing the marginal portion of the partition body opposite said corner section to clear its corresponding side wall and to pass into and out of the doorway therein when the partition is swung into and out of position of use, the free marginal portion of said corner section extending into its corresponding doorway in the position of use of said partition, the diagonal hinging of the corner section rendering said section swingable with respect to said partition body to withdraw said section from its respective doorway and to cause it to clear its respective side wall when said partition is swung into its said position of use, a hoisting cable attached to said corner section and slidably connected with said partition body, said cable operating to fold the corner section upon said body and to swing the partition into position of disuse, and means for securing the partition in each of said positions thereof.

2,063,435
SPINNING NOZZLE FOR THE DRY SPINNING PROCESS
Herman Herzog, Dessau-Ziebigk in Anhalt, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
Application June 13, 1930, Serial No. 461,017
In Germany June 13, 1929
6 Claims. (Cl. 18—8)



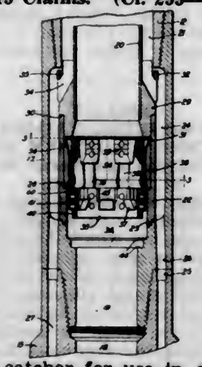
6. Apparatus for spinning textile filaments comprising a spinning cell, a spinneret for extruding filaments therein, and means for directing a current of vapor transversely across the filaments adjacent the spinneret.

2,063,436
MULTIFLOW COOLING FOR INTERNAL COMBUSTION ENGINES
Frederic W. Hild, Los Angeles, Calif.
Application February 24, 1931, Serial No. 517,786
7 Claims. (Cl. 123—196)



1. In combination: an internal combustion engine having a cooling jacket, a radiator for cooling a liquid, a pump for circulating said liquid through the jacket and the radiator, by-passing means including a valve for by-passing the radiator, said valve comprising a body having an inlet passage and two outlet passages and a valve disc pivoted between the outlet passages in such a manner that when the disc is in other than full open position the pump pressure urges the valve disc to close that one of said outlet passages, which lies nearer to it.

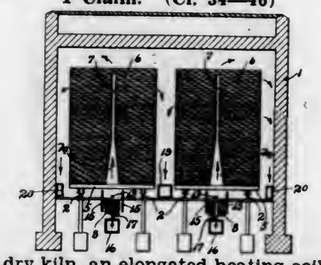
2,063,437
CORE RECOVERING MEANS
John H. Howard, Huntington Park, Calif.
Application August 5, 1935, Serial No. 34,649
15 Claims. (Cl. 255—72)



1. A core catcher for use in a tubular core drill including, a sleeve adapted to be arranged

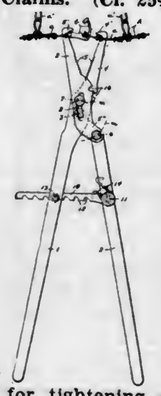
in the core receiving opening of the drill, the sleeve having an internal surface inclined downwardly and inwardly relative to the longitudinal axis of the drill, a body adapted to be arranged in the opening below the sleeve, slips operable to grip the core through longitudinal cooperation with the said inclined surface, and means connecting the slips with the body to move therewith.

2,063,438
DRY KILN
James E. Imrie, Grand Rapids, Mich.
Application November 11, 1935, Serial No. 49,135
1 Claim. (Cl. 34—46)



In a dry kiln, an elongated heating coil located horizontally and including a plurality of pipes for carrying a heated fluid, above which coil lumber to be dried is adapted to be positioned, a vertical plate located lengthwise of said coil at each side thereof, each plate having its upper edge extending a distance above the uppermost pipes of said coil, and a horizontally positioned air conduit located beneath and lengthwise of said coil, said conduit having a plurality of air passage openings at its upper side, an air guiding nipple located around each of said openings, and said pipes being spaced short distances from the adjacent lower edges of said plates, combined with means for forcing air through said conduit and through the openings therein, said nipples being directed toward only the medial portion of said pipes for the purpose described.

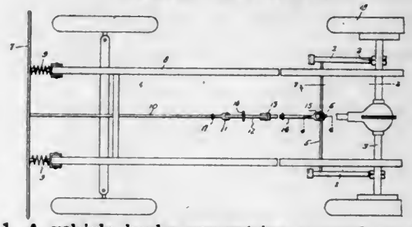
2,063,439
TENSIONING DEVICE FOR ANTISKID ARMOR
Lynn E. Johnson, Canastota, James Kenneth Johnson, Oneida, and Burr H. Shaver, Cazenovia, N. Y.
Application December 18, 1935, Serial No. 55,098
10 Claims. (Cl. 254—78)



1. A device for tightening anti-skid armor upon auto truck wheels, comprising cooperative

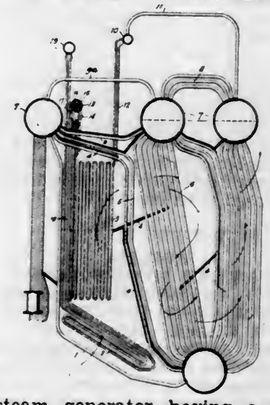
hand levers pivoted to each other, one of said levers being extended beyond the pivot to form an armor-engaging jaw and provided with a fulcrum bearing in fixed relation to the pivot, and an additional armor-engaging jaw having sliding fulcrum engagement with said bearing and pivotally connected to the other hand lever, whereby the last-named pivot may move about the axis of the first pivot as the hand levers are closed from their open positions.

2,063,440
AUTOMOBILE BRAKE
Mary Johnson, Cleveland, Ohio
Application April 15, 1935, Serial No. 16,457
Renewed July 1, 1936
2 Claims. (Cl. 180—83)



1. A vehicle brake comprising ground engaging brake members hingedly mounted beneath the vehicle, resilient means normally urging said brake members into operative position, a bumper yieldingly mounted on the vehicle, rods slidably mounted beneath the vehicle, one of said rods being connected to the bumper for actuation thereby, a socket on the other of said rods, a bar pivotally mounted on said one rod and engageable in the socket for releasably connecting said other rod to said one rod for actuation thereby, and means releasably connecting the brake members to said other rod for securing said brake members in inoperative position and upon movement of the bumper through impact to permit said brake members to move to operative braking position.

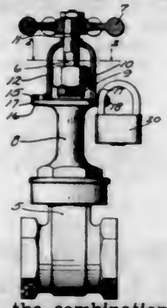
2.063,441
SUPERHEATED STEAM COOLING DEVICE
Howard J. Kerr, Westfield, N. J., assignor to The Babcock & Wilcox Company, Bayonne, N. J., a corporation of New Jersey
Application July 22, 1930, Serial No. 469,657
11 Claims. (Cl. 122—479)



1. A steam generator having a combustion chamber, a multiplicity of steam generating

elements arranged above said combustion chamber, a steam and water drum connected to said steam generating elements, a plurality of primary superheating tubes arranged to receive all of the steam to be superheated from said steam and water drum, a plurality of secondary superheating tubes in series with said primary superheating tubes and arranged for exposure in operation to heating gases at a temperature different from the temperature of the heating gases contacting with said primary superheating tubes, a regulable desuperheater arranged to receive the steam from said primary superheating tubes and comprising cooling tubes for cooling the steam before delivery to said secondary superheating tubes, corresponding primary and secondary superheating tubes being similarly connected to said desuperheater and so arranged relative to said desuperheater cooling tubes as to form substantially individual flow paths of uniform length in said desuperheater having substantially similar heat transfer relations with said cooling tubes, whereby all of the steam will be subjected to substantially uniform cooling in said desuperheater and the metal temperature conditions in said secondary superheating tubes will be substantially uniform in operation.

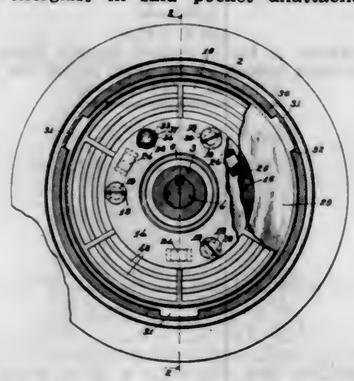
2,063,442
LOCK VALVE
George Kriege, Milwaukee, Wis., assignor to Milwaukee Valve Company, Milwaukee, Wis., a corporation of Wisconsin
Application November 5, 1932, Serial No. 641,358
7 Claims. (Cl. 70—125)



1. In a valve, the combination with a valve casing provided with a packing gland, and a valve control including a part operable through said gland and having a predetermined axial movement terminating in a variable closed position, of means for locking said control in fixed relation to said casing, said means including a hood nonrotative and slidable relative to said part and enclosing said gland thereby to render it inaccessible when locked, said hood being movable with said part into a fixed closed position, and said slidable relation permitting independent movement of said part and said hood to their respective closed positions.

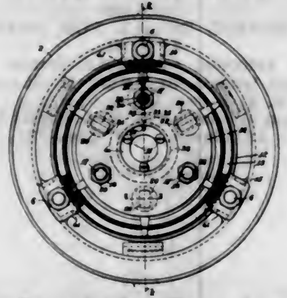
2,063,443
BRAKE MECHANISM
Homer T. Lambert, St. Joseph, Mich.
Application March 19, 1934, Serial No. 716,401
20 Claims. (Cl. 188—72)

1. The combination of power transmission elements mounted to have rotative movement, one of which is adapted to be power rotated, and the other of which is adapted to move toward and away from the first for frictional engagement therebetween for the transmission of power, a relatively fixed plate located adjacent to the power transmission element that is movable toward and away from the other, the plate being provided with a recess facing toward the adjacent power transmission element, and the last-named element being provided with a recess facing toward the plate and cooperating with the recess thereof to form a pocket therebetween, and a block energizer in said pocket unattached to



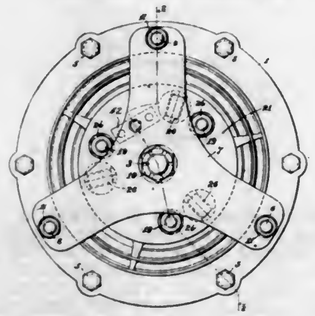
either the fixed plate or the adjacent power transmission element and retained against dislocation by the walls of the recesses, the energizer being tiltable within the pocket for presenting increasing dimensions of the block between the walls of the respective recesses comprising the pocket, whereby to increase the spacing between the fixed plate and the last-named power transmission element for imparting movement to the latter toward the other power transmission element.

2,063,444
BRAKE APPARATUS
Homer T. Lambert, St. Joseph, Mich.
Application March 28, 1935, Serial No. 13,555
15 Claims. (Cl. 188—72)



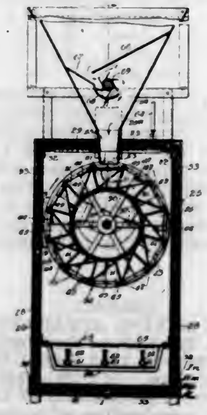
1. In brake mechanism, the combination of a movable brake part, a stationary part, one of said parts having an annular boss constituting a piston and the other of said parts having an annular recess in which said piston is received constituting a cylinder, means for introducing hydraulic medium under pressure therebetween for delivering pressure uniformly directly to and throughout the brake part exerted in a direction for moving the brake part for a braking application thereof, and mechanical means cooperating with the parts aforesaid for imparting additional braking pressure initiated by said hydraulic means.

2,063,445
MOMENTUM-ACTUATED BRAKE APPARATUS
Homer T. Lambert, St. Joseph, Mich.
Application March 28, 1935, Serial No. 13,556
9 Claims. (Cl. 188—72)



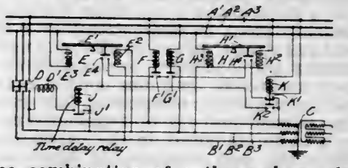
1. In brake mechanism, the combination, with a rotative part and a relatively non-rotative part adapted to be moved laterally into braking engagement with said rotative part and to have limited angular movement, of a stationary part, a roller interposed between the stationary part and the laterally movable part adapted to be moved therebetween incident to angular movement of said laterally movable part, and opposed inclined surfaces providing means engaged by said roller for imparting a lateral thrust to said laterally movable part incident to movement of said roller, the said inclined surfaces providing means being in detachable contact with one of said parts and one of said surfaces being freely movable with respect to the other in the angular movement of the rotative part.

2,063,446
ROASTING MACHINE
Elmo G. Lanzi and Michael Holny, Chicago, Ill.
Application April 12, 1934, Serial No. 720,218
2 Claims. (Cl. 34—6)



1. In a machine of the class described, a rotatable inclined conveyer therefor, comprising an elongated receptacle of multi-sided cross-section, a plurality of baffles within said receptacle, said baffles being arranged in staggered relation to each other on the respective opposite longitudinal side portions of the receptacle and inclined in opposite directions longitudinally thereof, and a plurality of longitudinally disposed partitions positioned between adjacent oppositely inclined baffles and extending inwardly from the apex of the angle formed thereby to a point within the receptacle intermediate oppositely disposed sides thereof, said baffles and partitions forming a sinuous passage within and extending longitudinally of the receptacle and providing a plurality of communicating compartments therein.

2,063,447
ELECTRIC RELAY
Henry Leben, Newcastle-upon-Tyne, England, assignor to A. Reyrolle & Company Limited, Hebburn-upon-Tyne, England, a registered company of Great Britain
Application January 2, 1934, Serial No. 704,978
In Great Britain January 13, 1933
18 Claims. (Cl. 175—294)



5. The combination of a three-phase electric supply circuit, a three-phase distribution network, a circuit-breaker for connecting the network to the supply circuit, and apparatus for controlling the closing of the circuit-breaker comprising a differential relay having operating and restraining coils, means for energizing the two coils of such relay respectively in accordance with two voltages whose magnitudes are dependent on the phase relationship between the supply circuit voltage and the network voltage, a second differential relay, and means whereby such second relay is rendered operative when the supply circuit voltage is greater than the network voltage.

2,063,448
PROCESS FOR CONTROLLING HYDROGEN ION CONCENTRATION OF BUTYL ALCOHOL FERMENTATION MASHES
David A. Legg and Hugh R. Stiles, Terre Haute, Ind., assignors to Commercial Solvents Corporation, Terre Haute, Ind., a corporation of Maryland
No Drawing. Application February 12, 1934, Serial No. 710,897
5 Claims. (Cl. 195—44)

1. In the fermentation of a carbohydrate mash by means of butyl alcohol-producing bacteria whose metabolic functions are favored by a hydrogen ion concentration lower than that secured by the normal activity of the organisms in said mash, the mash being contained in a vessel shaped to have a space factor

$$\frac{(HV)^{1/2}}{A}+(H)^{1/8}$$

greater than 3.0, where H represents the height of the mash in centimeters, V represents the volume of the mash in cubic centimeters, and A represents the area of the layer of settled neutralizing agent in square centimeters, the improvement which comprises effecting the fermentation in the presence of a finely divided non-toxic insoluble basic neutralizing agent in a concentration slightly in excess of that required

to neutralize initial acidity, said neutralizing agent presenting an available surface during fermentation greater than that presented by an equal excess concentration of 100 mesh calcite in said mash.

2,063,449

PROCESS FOR CONTROLLING HYDROGEN ION CONCENTRATION OF BUTYL ALCOHOL FERMENTATION MASHES

David A. Legg, Terre Haute, Ind., assignor to Commercial Solvents Corporation, Terre Haute, Ind., a corporation of Maryand

No Drawing. Application February 12, 1934, Serial No. 710,898

3 Claims. (Cl. 195—44)

1. In the art of fermenting soluble carbohydrate meshes by means of non-starch fermenting butyl alcohol producing bacteria whose metabolic functions are favored by a hydrogen ion concentration lower than that secured by the normal activity of the organisms in said mash, and in which the fermentation is effected in the presence of a finely divided non-toxic insoluble basic neutralizing agent in slight excess over that required to neutralize initial acidity, the method of controlling the hydrogen ion concentration to secure reproducible optimum conditions for the production of solvents comprising, first, determining the normal activity of fermentation of the bacteria to be employed, in the particular mash to which the said neutralizing agent is to be added, then selecting said neutralizing agent having a certain degree of fineness, between 100 mesh and that of freshly precipitated material, such that it will remain partially but not completely in suspension during the rapid gas evolution stage of the fermentation, thus maintaining optimum hydrogen ion concentration, the selection of the grade of said neutralizing agent being determined by the rule that the higher said bacterial activity, the coarser will be the neutralizing agent selected, while the lower said bacterial activity, the finger will be the neutralizing agent selected, and then adding said neutralizing agent to the mesh in slight excess over that required to neutralize initial acidity.

2,063,450

PRODUCTION OF ETHYL ALCOHOL AND ACETONE BY FERMENTATION

David A. Legg, Terre Haute, Ind., assignor to Commercial Solvents Corporation, Terre Haute, Ind., a corporation of Maryland

No Drawing. Application February 12, 1934, Serial No. 710,900

2 Claims. (Cl. 195—45)

1. In the art of fermenting amylaceous mashes with the formation of acetone and ethyl alcohol as the major solvent products, the mash being maintained within a temperature range of 35–45° C. and the hydrogen ion concentration between pH 5.0 and 8.5, by means of the herein-described bacteria *Bacillus aceto-ethylicum* α, particularly characterized and differentiated by their ability to utilize ammonia nitrogen in essentially starch mashes; the method of increasing the yield of said solvents, over that secured by the normal activity of the said organisms in said mash, by the combined effect of fermenting said mash with said organism in the presence of a small amount of an ammonium salt of the order of 0.05% to 0.2%, calculated on the total weight of the mash and a finely divided non-toxic insoluble basic neutralizing agent, in an amount slightly in excess of that necessary to neutralize any initial acidity of the said mash.

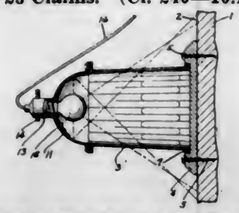
2,063,451

ILLUMINATING DEVICE

Joseph Lunoe and Mauritz C. Ranseen, Minneapolis, Minn.; said Ranseen assignor to said Lunoe

Application May 4, 1934, Serial No. 723,931

23 Claims. (Cl. 240—10.1)



1. A device comprising a surface to be illuminated, a tubular element made of light-transmitting material and secured by one end to said surface, a curved reflector carried by said element at its opposite end and arranged outwardly beyond the tubular element for directing light through the wall of said tubular element and toward the surface, and a light source operatively associated with the reflector between it and said surface to be illuminated and also arranged outwardly beyond the tubular element.

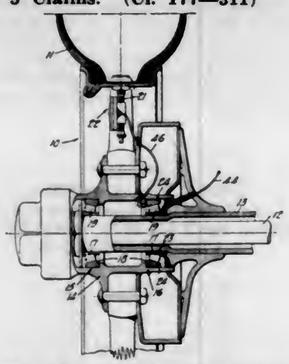
2,063,452

TIRE PRESSURE INDICATING SYSTEM

James W. McDonnell, Palo Alto, Calif.

Application January 10, 1934, Serial No. 706,012

5 Claims. (Cl. 177—311)



1. In a tire pressure indicating system for an automotive vehicle having pneumatic tired wheels, pressure-responsive circuit control means connected to a tire and adapted to rotate together with the wheel associated with the same, an electrical indicator carried by the main frame of the vehicle, and a load bearing for the wheel, said bearing being insulated from the main frame of the vehicle and serving to complete said electrical circuit.

2,063,453

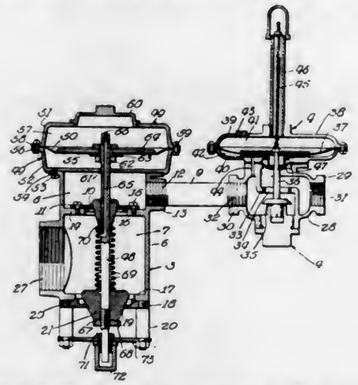
GAS MIXING APPARATUS

Garnet W. McKee, Rockford, Ill.

Application May 1, 1933, Serial No. 668,807

4 Claims. (Cl. 48—184)

1. In a gas mixing apparatus of the character described, the combination of a casing having a mixing chamber therein and provided with a pair of circular, inlet orifices for the chamber and a chamber outlet adapted for connection to the suction side of a compressor, means for supplying different kinds of gases under atmospheric pressure to the inlet orifices for passage to the mixing chamber in response to the suction created in the chamber by the compressor, a pair of cone valves for controlling the flow of gases into the chamber fitting in and axially aligned with the orifices respectively and having the large ends thereof at one side of the orifices and designed to seat in said orifices and having their small ends projecting beyond the other side of the orifices, and means for conjointly opening and closing the valves comprising an element ex-



tending between and connected to the valves and movable back and forth for valve opening or closing purposes to a less extent than the extent to which the small ends of the valves project beyond said other side of the orifices when the valves are closed, said cone valves being the same in height from vertex to point of orifice contact so that the ratio of the areas of the spaces between the orifices and the aligned or coplanar portions of the valves is constant regardless of the extent to which the valves are opened and the same proportionate flow of the gases into the mixing chamber is always maintained.

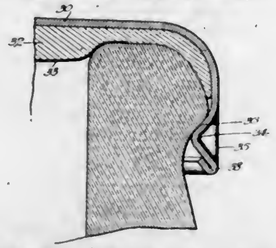
2,063,454

CROWN CAP AND METHOD OF MAKING

Charles E. McManus, Baltimore, Md., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md., a corporation of New York

Application August 4, 1932, Serial No. 627,492

3 Claims. (Cl. 215—39)



1. A metallic cap of the crown type having a depending corrugated skirt and terminating in a corrugated flange normally extending outwardly at substantially right angles to the skirt, the ridges of the corrugations terminating short of the free end of the flange, said flange having its edge curled inwardly to provide an annular reinforcing bead, said flange arranged when the cap is applied to a container to be distorted so that the bead is positioned in substantially vertical alignment with the skirt in order to provide a continuous, smooth, non-flaring exposed skirt surface.

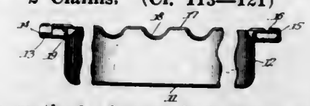
2,063,455

CLOSURE AND METHOD OF MANUFACTURING THE SAME

Charles E. McManus, Spring Lake, N. J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md., a corporation of New York

Application March 23, 1934, Serial No. 717,104

2 Claims. (Cl. 113—121)



1. The method of manufacturing metal caps which comprises forming a hat-shaped blank having a top, a substantially smooth and unobstructed skirt, and an integral rim extending at right angles to said skirt, bending the peripheral edge of the rim beneath the rim to partially underlie the same and preserving the right angle direction of the rim, corrugating the rim including the doubled metal portion thereof and flattening the bent under portion against the rim and preserving the right angle direction of the rim during the corrugating operation and producing in the rim by the corrugating step, plane portions adapted to form locking shoulders engaging beneath the bead of a container and ridges adapted to form projections of the skirt when the cap is applied to a container and the rim is drawn downwardly.

2. A metal cap for containers comprising a hat-shaped shell having a top, a substantially smooth depending skirt and an integral rim extending at substantially right angles to the skirt, the peripheral edge portion of the rim being turned under the rim for a portion of the area thereof to form a doubled edge, said rim and doubled edge portion being corrugated and the turned under portion being flattened against the underside of the rim, said corrugations being defined by plane portions and ridges, the plane portions when the cap is applied to a container forming inwardly directed locking shoulders engaging beneath the bead of the container and the ridges forming projections at the skirt, said skirt having its lower edge portion engaging beneath the bead of the container, and said ridges being collapsed so that the engagement of the skirt portion with the bead of the container is substantially continuous with the collapsed ridges forming a multiplicity of spaced stiffening members depending therefrom.

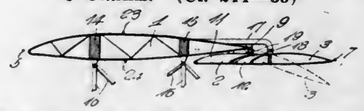
2,063,456

SMALL-ASPECT-RATIO WING

Steffen P. Nemeth, Chicago, Ill.

Application December 13, 1935, Serial No. 54,306

6 Claims. (Cl. 244—35)



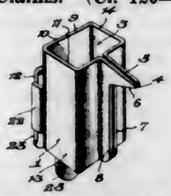
1. A circular wing having a streamline contoured major front portion and a streamline contoured minor rear portion, said rear portion being in spaced relation to said front portion so that the leading edge of the rear portion is positioned substantially below the trailing edge of the front portion.

2,063,457
BUILDING CONSTRUCTION
John H. Nold, Hinsdale, and George L. Bostwick, Evanston, Ill., assignors to United States Gypsum Company, Chicago, Ill., a corporation of Illinois
Application February 25, 1935, Serial No. 7,960
4 Claims. (Cl. 108—13)



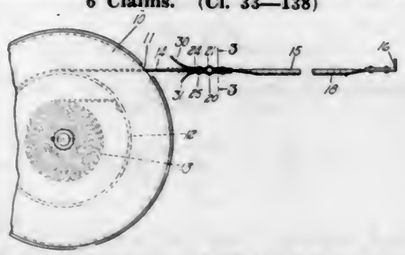
4. In a sound and thermal insulated roof deck unit, a metallic sheet having depending, integral, longitudinal ribs, sheets of fibrous material between said ribs, and separate flat strips of metal secured to the bottoms of said ribs, the outstanding edges of said strips supporting the longitudinal edges of said fibrous sheets.

2,063,458
PEN FOR RECORDING METERS AND THE LIKE
Peter A. Nome, Brooklyn, N. Y., assignor to The Permutit Company, New York, N. Y., a corporation of Delaware
Application February 8, 1936, Serial No. 63,036
5 Claims. (Cl. 120—43)



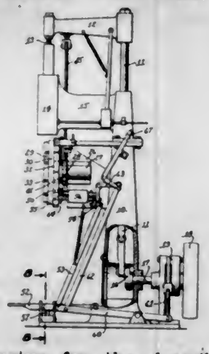
1. A pen for recording-meters and the like comprising a reservoir for ink closed at the bottom and having a filling opening at its top, closely adjacent walls of said reservoir forming a capillary slotted opening extending substantially from the bottom to the top of the reservoir, outwardly projecting extensions of said walls forming a pen point above the bottom of said reservoir and means for attaching the pen to the pen arm of a recording meter.

2,063,459
COILABLE MEASURING DEVICE
Joseph Ottolini, Berlin, N. H., assignor to Hiram A. Farrand, Inc., Berlin, N. H., a corporation of New Hampshire
Application March 9, 1932, Serial No. 597,667
6 Claims. (Cl. 33—138)



1. In combination, a holder member, a measuring strip adapted to be coiled therein and having the requisite stiffness to withstand a longitudinally compressive thrust, resilient means within the holder for coiling said strip and having a strap end member to which said strip is connected in a quick detachable manner, means for connecting said strap end member to said strip in a quick detachable manner, said connecting means being so formed and arranged as to resist detachment when a longitudinal compressive thrust is conveyed thereto upon pushing said measure into coiled form, and separate means secured to the strap which is engageable with the outside of the holder for preventing the resilient means from uncoiling while the measuring strip is detached, said separate means automatically engaging the outside of the holder upon complete withdrawal of the strip from the holder and before it is detached from the strap.

2,063,460
AUTOMATIC HEAD FOR DRUM STAPLING MACHINES
Louis Pardini, Burlingame, Calif.
Application January 22, 1935, Serial No. 2,901
9 Claims. (Cl. 1—13.6)



1. An apparatus for the described purpose comprising a stapling mechanism, a work holding head positioned in operative relation thereto, expansible chuck means carried by said head for gripping the interior of a hollow object, means for rotating said head to present successive portions of said object to said stapling mechanism, and means controlled by the rotation of said head for operating said chuck means.

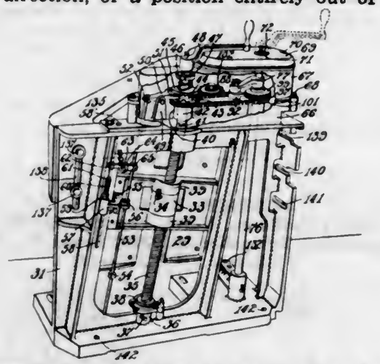
2,063,461
ISOTHIOUREA-ISOPROPYLETHER
Bruno Puetzer, Albany, N. Y., assignor to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application May 21, 1935, Serial No. 22,650. In Germany May 29, 1934
1 Claim. (Cl. 260—125)

Isothiourea-isopropylether, which compound is in the form of its salts with acids in general soluble in water, its hydrobromide melting at 77° C., its picrate melting at 190° C.

2,063,462
SPINNING FRAME DRIVE CONTROL
Paul B. Reeves, Columbus, Ind., assignor to Reeves Pulley Company, Columbus, Ind., a corporation of Indiana
Application August 21, 1933, Serial No. 686,113
7 Claims. (Cl. 74—230.17)

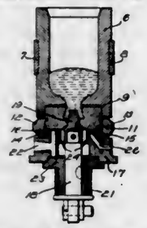
1. In a device of the class described, an oscillating shaft, a gear loosely mounted on said shaft, a ratchet wheel having oppositely-pitched teeth fixedly mounted coaxially on said gear, an arm fixed on said shaft and carrying a double-ended

pawl for cooperation with said oppositely-pitched teeth, said pawl being adapted to assume, selectively, a position engaging said teeth in one direction, a position engaging said teeth in the opposite direction, or a position entirely out of en-



gagement with said teeth, and a plurality of cam fingers cooperable with said pawl, during the cycle of operation of said arm, to shift said pawl automatically into and out of its various positions with respect to said ratchet.

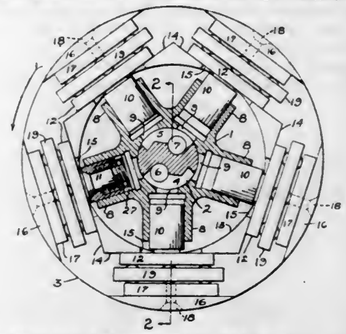
2,063,463
METHOD OF MAKING GLASSWARE
George E. Rowe, Wethersfield, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a corporation of Delaware
Application May 24, 1935, Serial No. 23,296
7 Claims. (Cl. 49—80)



1. The method of forming hollow glassware which comprises, charging an inverted finishing mold and associated neck mold with molten glass, downwardly compacting the charge to form a blank having a neck finish thereon, opening the finishing mold, forming the blank into a hollow parison by expanding said blank upwardly while out of contact with said finishing mold, closing the finishing mold, and blowing the hollow parison to final shape in said finishing mold.

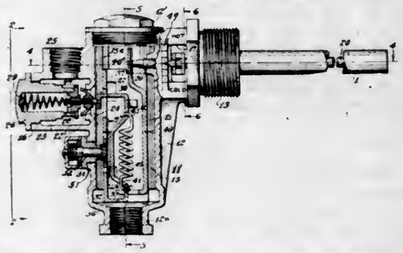
2,063,464
PISTON ASSEMBLY
Carl Schindler, Wauwatosa, Wis., assignor to The Oilgear Company, Milwaukee, Wis., a corporation of Wisconsin
Application March 3, 1932, Serial No. 596,479
4 Claims. (Cl. 103—161)

1. The combination, with a pump having a radial cylinder revolvable within a circle, a thrust member rotatable upon an axis offset from the axis of said circle, and a reaction surface arranged upon said thrust member at a tangent to said circle, of a piston arranged in said cylinder and having a passage of substantial diameter extending therethrough, a concave seat arranged around said passage, a crosshead bearing against said reaction surface for transmitting pumping forces from said thrust member to the liquid in said cylinder, a piston pin rigidly secured to said crosshead at right angles thereto and extending through said seat and into said passage, and a



convex seat rigidly secured to said piston pin and engaging said concave seat to thereby close said passage and transmit a substantial part of said pumping forces direct and through said pin to the liquid in said cylinder and to transmit another part of said pumping forces through said piston.

2,063,465
THERMOSTAT VALVE MECHANISM
Frank H. Schoenfeld, Cleveland Heights, Ohio
Application May 27, 1935, Serial No. 23,787
11 Claims. (Cl. 236—48)

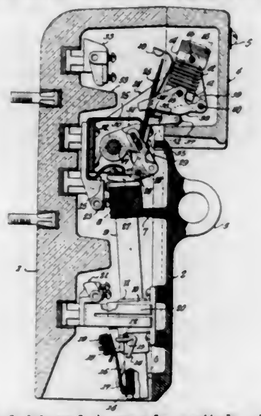


1. In a device of the class described, the combination of a casing shaped to form a chamber and having an outlet opening and an inlet opening, a normally closed, spring operated valve for one of said openings, a support within said chamber, guide means between said support and the inner wall of said chamber for adjustably supporting said support therein, a multiple leverage mounted in said support, one lever of said leverage being arranged to operate said valve, a thermo-element arranged to engage another lever of said leverage to operate the latter, and means for adjusting said support.

2,063,466
REPEATING FUSE CONSTRUCTION
William O. Schultz, South Milwaukee, and Alwin G. Steinmayer, Milwaukee, Wis., assignors to Line Material Company, South Milwaukee, Wis., a corporation of Delaware
Application January 14, 1935, Serial No. 1,696
44 Claims. (Cl. 200—126)

16. A repeating fuse construction comprising a first fuse unit and a second fuse unit, a fuse link in each fuse unit, an electric line normally connected through said first fuse unit, said first fuse

unit including a fuse tube for the fuse link having an upper contact, a housing for said first fuse unit including a door, guiding means carried by said door for slidably guiding the fuse tube downwardly while said door remains closed, means restraining the downward motion of said fuse tube and controlled by the fuse link of said first fuse unit, a switch mounted in the upper portion of said housing above said fuse tube and including a stationary contact and a movable switch arm adapted to engage said stationary

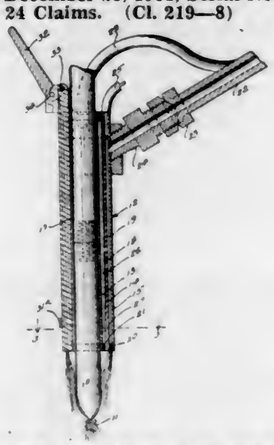


contact and biased towards switch closed position, time delay mechanism for controlling the closing motion of said switch, said switch when in closed position connecting said second fuse unit in the electric line, a spring pressed metal lever urging said first fuse tube downwardly and establishing electrical contact with the upper contact of said first fuse tube, and a slotted link operatively connecting said metal lever and said movable switch arm and normally restraining said movable switch arm from closing motion.

2,063,467
WELDING AND CUTTING APPARATUS

George T. Southgate, Forest Hills, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

Application December 23, 1931, Serial No. 582,850
24 Claims. (Cl. 219—8)



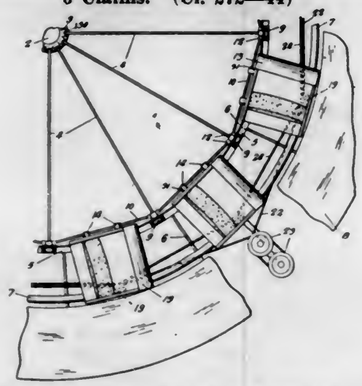
1. In welding apparatus, the combination of means for yieldably gripping an electrode; and means for passing fluid through the yieldable gripping means.

22. In a welding operation which comprises striking an arc between a current-carrying electrode and a work piece, supplying to the said arc a combustible mixture of gases, and feeding the said mixture along and in relatively close juxtaposition to a substantial portion of the said electrode; the method of inhibiting a premeature ignition of the said mixture which includes extracting heat from the space between the said mixture and the said electrode.

2,063,468
AMUSEMENT DEVICE

Albert Spillman, North Tonawanda, N. Y.

Application November 22, 1935, Serial No. 51,140
6 Claims. (Cl. 272—44)

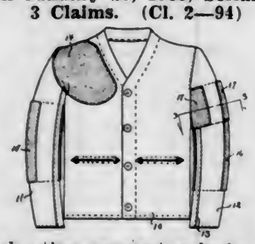


1. In an amusement device, a central hub, a plurality of sweeps pivoted to the hub for vertical swinging movement and radiating therefrom in a plane inclined to the horizontal, a circular undulated track inclined as a unit in a plane substantially the same as that of the sweeps, sweep supporting running wheels engaging the undulated track, tie rods extending between the sweeps, a second circular track concentrically positioned with and substantially in the same plane as the first track, a passenger carrying member pivotally mounted on one of the tie rods between two sweeps and extending to the outer circular track, and a running wheel upon the passenger carrying member engaging the outer track.

2,063,469
SHOOTING JACKET

Howard O. Smith, Des Moines, Iowa

Application January 29, 1936, Serial No. 61,329
3 Claims. (Cl. 2—94)

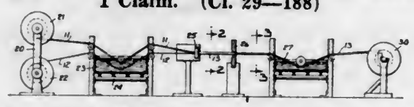


1. In a shooting garment, a body portion and a sleeve portion, a pad element on the back portion of said sleeve extending longitudinally of the longitudinal length of said sleeve, and a gun sling strap pad element having its ends spaced apart substantially at the front and extending transversally of the longitudinal length of said sleeve around the back, inner side and outer side of said sleeve with its lower marginal edge overlapping the upper edge portion of said first mentioned pad element.

2,063,470
METHOD OF MAKING COPPER SHEATHED STEEL CORE CABLES

Horace A. Staples, Plainfield, N. J., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y., a corporation of Delaware

Application May 28, 1935, Serial No. 23,844
1 Claim. (Cl. 29—188)

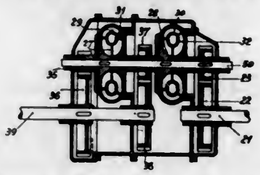


A method of making a copper sheathed steel core cable comprising passing a core of steel wire through a tin bath, forming a sheath of copper into a tube with a longitudinal seam around the core prior to the hardening of the tin, drawing the copper covered core to close the seam and passing through a second bath of tin to replace any of the tin which may have been removed in the drawing operation.

2,063,471
MULTISTAGE HYDRAULIC COUPLING

Curt Stedefeld, Hannover, Germany

Application January 23, 1933, Serial No. 653,204
In Germany February 1, 1932
14 Claims. (Cl. 74—330)



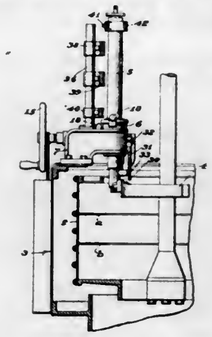
9. A multiple speed gearing comprising a driving shaft, a driven shaft, and means including at least one Föttinger hydraulic transformer and a plurality of mechanical gear trains for selectively establishing the desired one of a plurality of driving connections between said shafts, each of said gear trains including a gear secured to the said driven shaft and another gear coupled to said driving shaft through a Föttinger hydraulic transformer.

2,063,472
CENTRIFUGAL SEPARATOR

John F. Tholl, Needham, Mass., assignor to American Tool & Machine Co., Hyde Park, Boston, Mass., a corporation of Massachusetts

Application February 8, 1934, Serial No. 710,269
6 Claims. (Cl. 210—70)

1. In a centrifugal separator, the combination with a basket mounted for rotation about an upright axis, a scraper for acting on the material in said basket, means for supporting said scraper for movement in the basket both toward and from the wall of the basket and also parallel to said wall, said basket being provided with baffles, a hand wheel for moving said scraper vertically, and a hand lever for swinging the scraper toward and from said wall, of guiding means for so limiting the movements of said scraper both horizontally and vertically as to protect the



basket from injury by said scraper, while enabling the scraper to perform its load discharging functions.

2,063,473
LUBRICATING COMPOSITION

Chester Tietig, Kenton Hills, Ky.

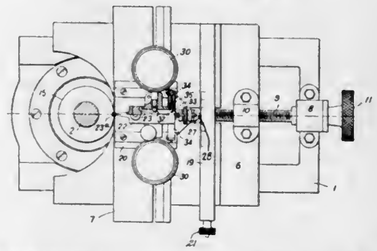
No Drawing. Application September 27, 1933, Serial No. 691,248
7 Claims. (Cl. 87—9)

1. A composition of matter comprising less than 5% and at least 0.10% by weight of a naphthene sulfonic acid salt of a heavy metal, which salt is dissolved in mineral lubricating oil.

2,063,474
APPARATUS FOR TESTING THE ACCURACY OF TOOTHED GEARS

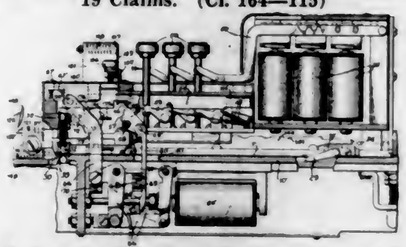
Walter Henry Try, Staines, Middlesex, England, assignor to William Edwin Sykes, Buffalo, N. Y.

Application July 19, 1934, Serial No. 735,934
In Great Britain July 24, 1933
2 Claims. (Cl. 33—174)



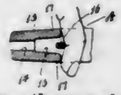
1. Apparatus for testing the accuracy of gear teeth, which comprises a freely rotatable support for carrying the gear to be tested, an annulus fixed concentrically on the support, a contact element having rolling contact with the annulus, a detector adapted to make contact with a tooth of the gear to be tested, said detector being pivotally mounted to move in one plane and having a tail shank, an indicator adapted to be operated directly by the movement of the tail shank of the detector, and resilient means disposed so as to exert opposed forces on the tail shank for insuring the complete return of said shank to its normal position and preventing the overrunning of such return after the detector has been displaced to operate the indicator.

2,063,475
CARD PUNCH
Charles O. Wellman, Binghamton, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application November 29, 1935, Serial No. 51,990
19 Claims. (Cl. 164—115)



19. In a machine for punching columns of index point positions of a card; the combination of punches including a special punch for perforating a special index point of the card, means for selecting the punches for operation, mechanism for feeding the card, punch operating means for causing the selected punches to perforate the card, a device actuated under control of the selecting means for causing the feeding mechanism to feed the card one column step after operation of any of said punches except the special punch, and means apart from the punch selecting means capable of automatically operating said device to cause the feeding mechanism to automatically feed the card one column step following operation of the special punch.

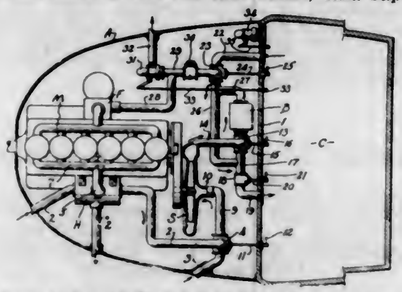
2,063,476
TRIGGER GUARD FOR FIREARMS
James G. Wilson, Weedville, Pa.
Application September 21, 1933, Serial No. 690,447
1 Claim. (Cl. 42—1)



In a firearm having the usual firing mechanism and sear; the combination of a trigger and a trigger guard therefor, said trigger guard having a recess therein to receive said trigger, said trigger being so constructed and arranged with respect to the side walls of said recess, when the trigger is in an operative position preparatory to releasing the sear to permit operation of said firing mechanism, that portions of the trigger finger of the person actuating the same will engage the trigger and forward faces of said side walls of said recess whereby the finger will be steadied while actuating the trigger.

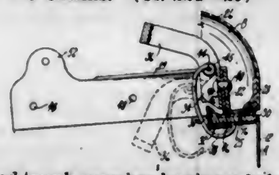
2,063,477
SUPERCHARGING SYSTEM FOR AIRCRAFT
Franklin Young, Glendale, and Richard F. Hardin, Los Angeles, Calif.
Application July 16, 1934, Serial No. 735,449
2 Claims. (Cl. 244—30)

1. A supercharging system for aircraft comprising: a substantially air-tight cabin, a motor having a fuel inlet, a supercharger operatively connected with said motor and including an inlet and an outlet, an air inlet to and an air outlet from said cabin, means for delivering air from the atmosphere to the inlet of said supercharger, means for independently or simultaneously delivering air from said supercharger to said cabin and said fuel inlet, and plural control means in the connections between said cabin, said super-



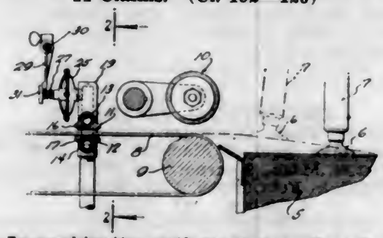
charger and said fuel inlet, for selectively regulating the flow of air directly from said supercharger and from said cabin to said fuel inlet.

2,063,478
COMBINATION TRUNK AND LUGGAGE CARRIER
Ernest A. Arndt, Sioux City, Iowa
Application July 25, 1932, Serial No. 624,485
6 Claims. (Cl. 224—29)



2. A fixed trunk member having a ledge, a movable trunk member having sides, a hinge bar and angle members connecting said sides together in spaced relationship, said hinge bar being adapted to assume a position adjacent said ledge when said movable trunk member is in closed relationship to said fixed trunk member, a latch device to retain said hinge bar in such position and a cover for said trunk hinged to said hinge bar, said latch device being pivoted to said hinge bar and having a resilient hook to engage said ledge.

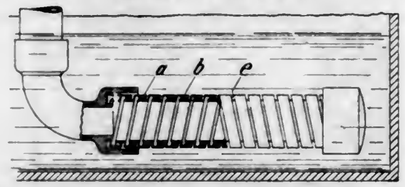
2,063,479
SHEET FEEDING MECHANISM
Frank R. Belluche, Racine, Wis.
Application November 18, 1935, Serial No. 50,356
11 Claims. (Cl. 192—125)



1. In combination with mechanism for advancing sheet material along a defined path, instrumentalities for rendering the advancing mechanism inoperative, suction responsive means for actuating said instrumentalities, and control means for said suction responsive means including spaced suction ports arranged so as to have sheets traveling along said defined path move

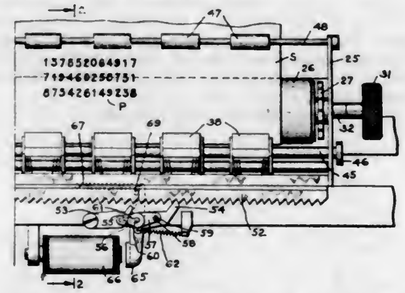
flatwise therebetween whereby upon the passage of a multiple thickness sheet the effect of suction thereon seals the ports.

2,063,480
MECHANICAL MEANS FOR DISTRIBUTING GASES AND VAPORS IN LIQUIDS
Karl Braem, Bern, Switzerland
Application January 6, 1936, Serial No. 57,703
In Switzerland January 28, 1935
2 Claims. (Cl. 261—121)



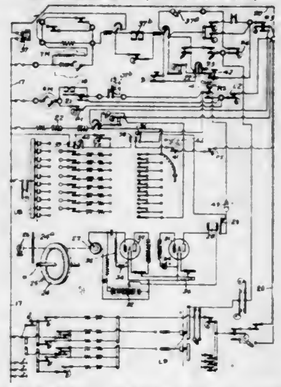
1. A device for distributing gases or vapors in liquids comprising in combination, at least one flexible metallic hose consisting of overlapping spiral windings, and an insert of porous material embedded in said windings between each winding and the overlapping portion of the next adjacent winding, said insert serving as means of transition for the gas or vapor from said hose into said liquid in the form of minute bubbles.

2,063,481
PERFORATING MACHINE
James W. Bryce, Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application August 2, 1929, Serial No. 383,046
4 Claims. (Cl. 164—115)



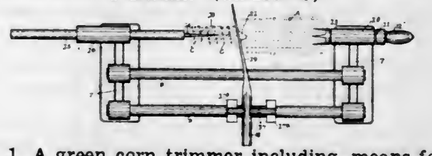
1. A machine for making a perforated record comprising a column of punches, a control sheet bearing data designated by conventionally significant characters such as printed numerals, each in a separate field of the sheet and each spread over and covering one or more points arbitrarily arranged vertically and horizontally in the field relative to each other, a plurality of light reactive elements, equal in number to the points in said field, for simultaneously reading all the points of a field at one time, means for selecting the punches by the light reactive elements in accordance with the combination of points in each field read thereby, means for operating the selected punches to make a record corresponding in value to the conventionally significant characters read by the light reactive means, and separate means for feeding the perforated record and control sheet in response to each operation of the punches.

2,063,482
TABULATING MACHINE
James W. Bryce, Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application July 26, 1930, Serial No. 470,865
15 Claims. (Cl. 235—92)



12. In a machine of the class described, tabulating mechanism, total taking mechanism, and means for sensing motion of the tabulating mechanism and operative to initiate operation of the total taking mechanism upon cessation of motion of the tabulating mechanism.

2,063,483
GREEN CORN TRIMMER
Frederick M. Bulmer, Marietta Township, Whatcom County, Wash.
Application January 10, 1936, Serial No. 58,494
3 Claims. (Cl. 130—9)

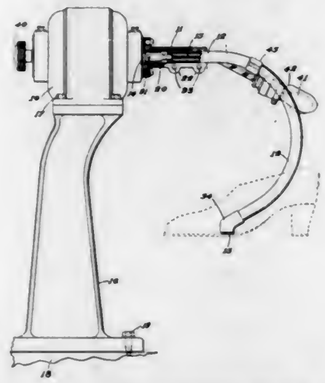


1. A green corn trimmer including, means for mounting and revolving an ear of green corn on its axis, a guide parallel with the axis of revolution of the said ear of corn, a blade having a sharp edge mounted to slide on the said guide with the said blade edge engaged with the cob of the said ear of corn inclined with the axis thereof to move the said blade on the said guide by the revolution of the said ear of corn, and a knife fastened on the said blade having a sharp edge disposed to bear on the kernels of the said ear of corn and remove the same from the said cob as the ear of corn revolves and the blade moves on the said guide.

2,063,484
SHOE RASPING DEVICE
William C. Card, Jr., Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y., a corporation of Delaware
Application December 13, 1933, Serial No. 702,110
2 Claims. (Cl. 12—17)

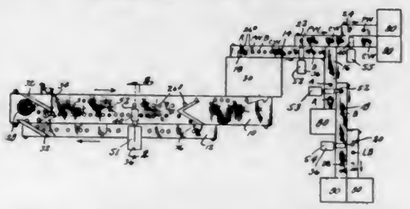
1. A machine for the removal of excess hardened cement formed in a cement constructed shoe during the sole affixing operation in the marginal forepart area at the junction where the upper surface of a randed insole aligns with the

upper surface of a landed portion of a complementary outsole comprising, in combination, a driving means having a rigid support, a rearwardly curved shaft housing extending toward said support and in spaced relation thereto with the upper end of said housing associated with said driving means, a rotatable flexible shaft mounted in said housing and connected with said driving means, a horizontally disposed rotary cement removing rasp having a downwardly suspended horizontally disposed rasping face ro-



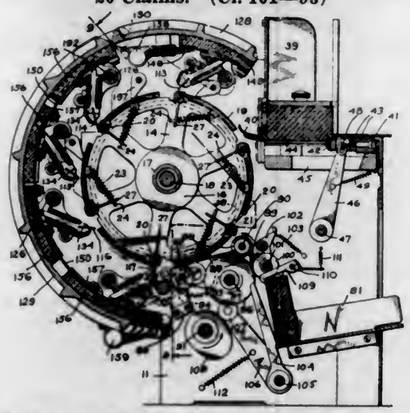
tated by said shaft and associated with the lower end of said housing and projecting therebelow whereby said rasp is spaced sufficiently distant from said support and said housing to permit easy application and removal of a shoe and to allow said rasp horizontally to operate upon the forepart of an insole of a horizontally positioned shoe so that said forepart of said insole as well as said rasp are at all times presented to the observation of an operator to disclose the progress and permit control of the cement removing operation.

2,063,485
APPARATUS FOR SELECTING PEARL BUTTONS
Clarence P. Carris, Washington, Iowa, assignor to Button Machine Company, Washington, Iowa, a corporation of Iowa
Application October 16, 1933, Serial No. 693,885
9 Claims. (Cl. 209—111)



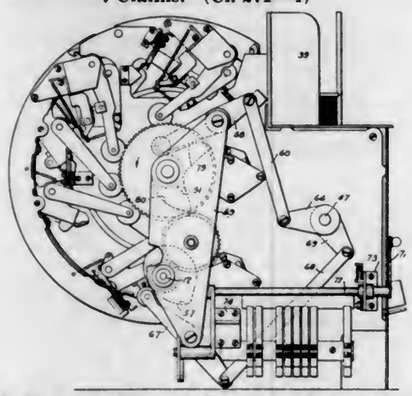
1. In a selecting apparatus for button blanks having unpolished and polished faces, the combination of a light sensitive cell and means for ejecting a button from a line of travel on a conveyer including variable means actuated by said cell for controlling the ejection of button blanks to automatically segregate the buttons according to the variations in light reflecting characteristics thereof and means for turning the undesired blanks face for face and returning them to the line of travel of the desired blanks.

2,063,486
TABULATING MACHINE
Fred M. Carroll, Yonkers, N. Y., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application March 30, 1933, Serial No. 663,472
20 Claims. (Cl. 101—93)



1. In a machine of the class described, the combination of a cyclic printing mechanism requiring a plurality of cycles when printing alphabetical characters and a single cycle when printing numerical characters, revoluble card carrying means having a plurality of card positions thereon, card feeding means, and means to operate the card feeding means according to the cyclic operation of the printing mechanism.

2,063,487
TABULATING MACHINE
Fred M. Carroll, Binghamton, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Original application March 30, 1933, Serial No. 663,472. Divided and this application December 1, 1934, Serial No. 755,568
7 Claims. (Cl. 271—4)

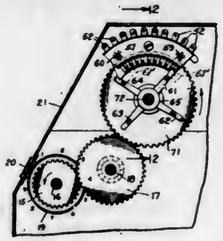


1. In a machine of the class described, the combination of a constantly rotating card drum having a plurality of card positions thereon, a receptacle for cards, means to feed cards from the receptacle to the drum, and means to advance the feeding means an additional distance to start the succeeding card from the receptacle.

2,063,488
PROCESS FOR REACTING CAUSTIC LIME AND GYPSUM
Parker C. Choate, Essex, and Amos K. Hobby, Canton, Mass.
No Drawing. Application November 1, 1933, Serial No. 696,294
4 Claims. (Cl. 106—34)

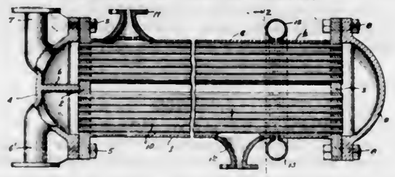
1. The process of reacting static and quiescent mass mixtures of caustic lime and gypsum rock, by initiating reaction in a portion of the mass, and permitting such exothermic reaction to propagate itself through such mass, causing the heat of reaction to calcine the gypsum, and the H_2O of liberation to hydrate the caustic lime.

2,063,489
TOTAL TAKING MECHANISM
George F. Daly, Johnson City, N. Y., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application September 10, 1932, Serial No. 632,529
4 Claims. (Cl. 235—92)



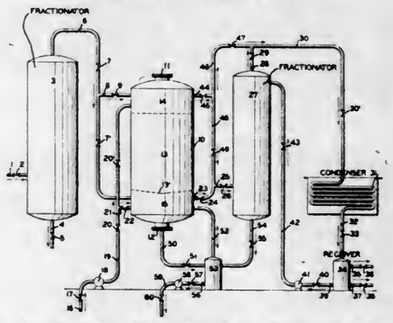
1. In a total taking device, the combination with an accumulator element movable to different digital positions, of a group of digit circuits, a commutator comprising interspersed digital segments each connected to the corresponding digital circuit, and pairs of spaced brushes settable according to the setting of the accumulator element, one brush of each of said pairs of brushes being adapted to cooperate with certain of the digital segments and the other brush of said pairs of brushes being adapted to cooperate with certain other digital segments to select the digital circuit corresponding to the setting of the accumulator element.

2,063,490
METHOD OF MAKING AN EXPANSION JOINT
Howard C. Davis, Elizabeth, N. J., assignor to Davis Engineering Corporation, a corporation of Delaware
Application December 4, 1934, Serial No. 755,868
4 Claims. (Cl. 29—157.4)



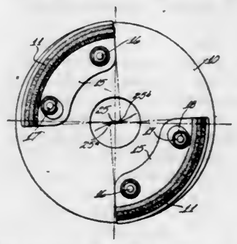
1. The method for connecting together the ends of sections of a member subject to contraction and expansion which method comprises shaping a tubular element in accordance with the perimeter of the ends of the sections of the member and securing the ends thereof together to form an endless tubular element, securing the tubular element so formed to the adjacent ends of the sections of the member, and cutting the wall of the tubular element between its connections to the adjacent ends of the sections of the member.

2,063,491
TREATMENT OF HYDROCARBON OILS
Roland B. Day, Chicago, Ill., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application June 15, 1931, Serial No. 544,373
Renewed June 19, 1935
5 Claims. (Cl. 196—36)



2. A process for refining hydrocarbon oil which comprises treating the oil with added aqueous hydrogen chloride in the presence of solid zinc chloride.

2,063,492
TOOL FOR AND METHOD OF PRODUCING GEARS
Adolph L. De Leeuw, Plainfield, N. J., assignor to Gleason Works, Rochester, N. Y., a corporation of New York
Application February 13, 1935, Serial No. 6,325
11 Claims. (Cl. 51—278)

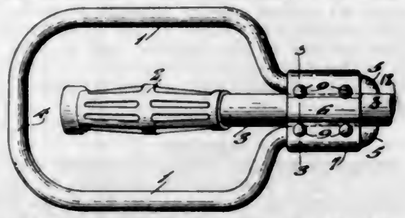


7. The method of grinding gears which comprises rotating a tool, which has a plurality of spaced grinding segments, in engagement with a continuously rotating gear so that successive segments grind successively different tooth surfaces of the gear.

2,063,493
GUARD FOR CYCLE HANDLE BARS
Isaiah Edgar Douglas, Philadelphia, Pa.
Application December 6, 1935, Serial No. 53,129
1 Claim. (Cl. 208—150)

A device of the character described comprising a tubular element fabricated in a quasi-rectangular form and adapted to circumvent the grip of a handle bar with substantial clearance,

and blocks and bolts adapted to attach the con-



joined ends of said tubular element to said handle bar.

2,063,494

TREATMENT OF HYDROCARBON OILS

Gustav Egloff and Jacque C. Morrell, Chicago, Ill., assignors, by mesne assignments, to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

No Drawing. Application June 19, 1931, Serial No. 545,478. Renewed July 1, 1935

7 Claims. (Cl. 196—36)

5. A process for refining cracked hydrocarbon vapors which comprises treating the vapors simultaneously with added hydrochloric acid and a water solution of a mercury salt in the presence of a contact mass containing a metallic salt in solid form.

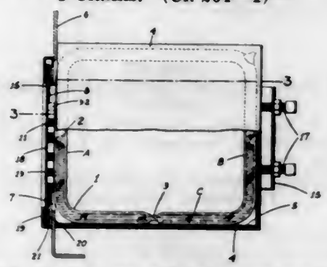
2,063,495

ACCELERATING AND DECELERATING GAUGE

John R. Elsom, Fresno, Calif.

Application October 23, 1935, Serial No. 46,282

3 Claims. (Cl. 264—1)



1. An indicating gauge for a motor vehicle comprising a gauge tube which includes a substantially vertical leg, liquid in the tube partly filling said leg to a predetermined normal level, a sheath about the tube arranged to leave one face of said leg exposed, the side edges of said sheath being adapted to abut against the back side of the instrument panel of the vehicle, said panel having a vertical slot through which said leg is visible, an indicating scale to read against the liquid in said leg and visible from the front side of the panel, a U shaped strap passing about the sheath on opposite sides and whose legs project through the panel slot, outwardly bent flanges on the ends of the strap legs, and an adjustable set screw in the strap at the bend thereof releasably engaging the back of the sheath to clamp the same against the panel.

2,063,496

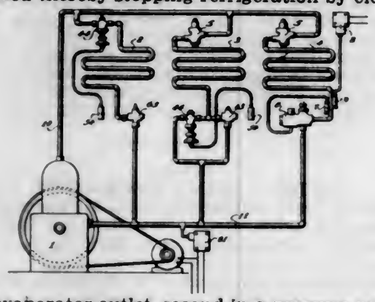
METHOD OF REFRIGERATION

Adolph F. Evers, Jr., Denton, Tex.

Original application July 8, 1935, Serial No. 30,337. Divided and this application November 2, 1935, Serial No. 48,028

2 Claims. (Cl. 62—8)

1. In a circulating multi-temperature refrigeration system as described and in an evaporator in which the refrigerating pressure is held constant by a diaphragm actuated inlet valve, that method of controlling said evaporator's temperature at its outlet which consists in first utilizing the evaporator's refrigerating pressure to overcome a constantly opposing thermostatic controlling pressure when a desired low temperature is reached thereby stopping refrigeration by closing



the evaporator outlet, second in a pressure relieving manner halting the ensuing rise in the evaporator's idle pressure when same corresponds to that temperature which is the upper limit of the desired evaporator temperature range and finally in utilizing said thermostatic pressure to overcome said idle pressure thereby starting refrigeration by opening said evaporator outlet, completing the cycle.

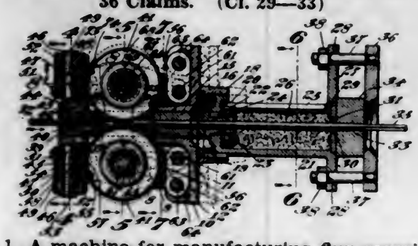
2,063,497

APPARATUS FOR MAKING WELDING ELECTRODES

Harry R. Geer, Westmont, Pa., assignor to Bethlehem Steel Company, a corporation of Pennsylvania

Application June 20, 1935, Serial No. 27,507

36 Claims. (Cl. 29—33)



1. A machine for manufacturing flux carrying welding rods, comprising pivotally supported cutting rolls adapted to extrude the metal in forming longitudinal grooves in a cylindrical rod as it is advanced through the machine, a flux containing receptacle through which the rod passes, whereby flux material will be supplied to the grooves, and a drawing die adapted to compress the flux material in said grooves and remove any irregularities in the surface of the rod.

2,063,498

PIPE CUTTING MACHINE

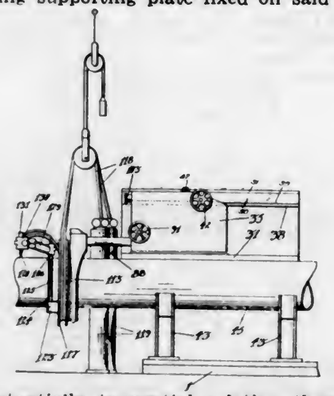
Clarence E. Glick, Cleveland, Ohio, assignor, by mesne assignments, to The Oster Manufacturing Company, Cleveland, Ohio, a corporation of Ohio

Application December 14, 1934, Serial No. 757,535

6 Claims. (Cl. 266—23)

1. An apparatus for cutting a cylinder for intersecting connections comprising a vertically

disposed rotatable support, a sleeve on said support and vertically adjustable thereon, a laterally extending supporting plate fixed on said sleeve



in substantially tangential relation thereto, a torch carrying member slidably adjustable on said supporting plate and a cutting torch adjustably mounted on said member.

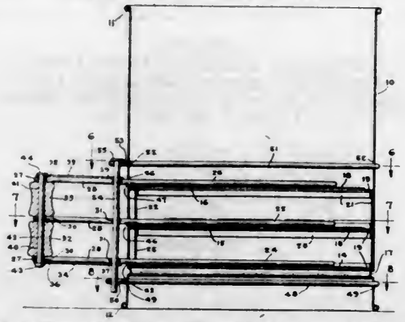
2,063,499

FLOUR SIFTER

Basil G. Hall, Minneapolis, Minn.

Application February 1, 1933, Serial No. 654,659

5 Claims. (Cl. 209—357)



4. A flour sifter including a flour receiving casing, a sifting screen in said casing, an agitator for co-operating with said sifting screen, said agitator being removably insertable through a side wall of said casing, means for accomplishing flour sifting movement between said agitator and said sifting screen, a device for detachably assembling said agitator upon said casing, and means upon said casing removably carrying said device, said device causing said screen and said agitator to exert pressure against each other, and said pressure reacting upon said device to maintain it in said means.

2,063,500

SINGLE WAVE TRANSMITTING SYSTEM

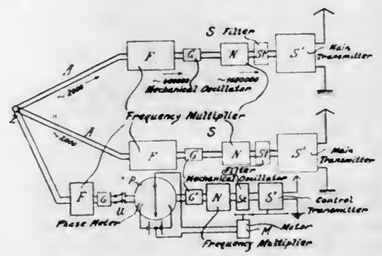
Walter M. Hahnemann, Berlin-Marienfelde, Germany, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany

Application August 15, 1933, Serial No. 685,267

In Germany April 5, 1932

6 Claims. (Cl. 250—17)

1. A single wave radio transmitting system in which a control or fundamental frequency is transmitted over metallic wires from a central station to individual transmitting stations and comprising at each transmitting station a two stage frequency multiplying equipment connected in cascade, the first stage comprising a frequency multiplier having a high multiplication constant and a mechanical oscillation structure of low attenuation and high selectivity for passing only the desired multiplied frequency with means for delivering the multiplied frequencies from the mul-



tiplier to said mechanical oscillation structure, and said second stage comprising a frequency multiplier having a low multiplication constant followed by a filter for suppressing substantially all frequencies except a desired multiple of the multiplied frequency, and means for delivering to the second stage multiplier the desired multiplied frequency passed by said mechanical oscillation structure.

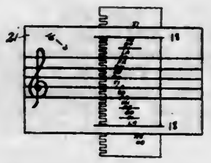
2,063,501

DEVICE FOR TEACHING MUSIC READING

Alf F. Harbo, St. Cloud, Minn.

Application June 11, 1934, Serial No. 730,030

1 Claim. (Cl. 84—471)



A music chart consisting of an opaque card upon which is printed a music staff of five lines, with added ledger lines and a clef, the opaque card containing a horizontal slot near the top edge and another near the bottom edge, through which is inserted a transparent card bearing the music syllables, the transparent card having notched edges so that it may be securely fixed at any desired position.

2,063,502

SHADING LENS

Earl S. Hemmerly, Philadelphia, Pa.

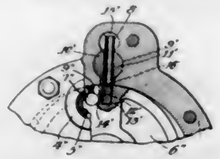
Application December 15, 1933, Serial No. 702,466

2 Claims. (Cl. 88—41)



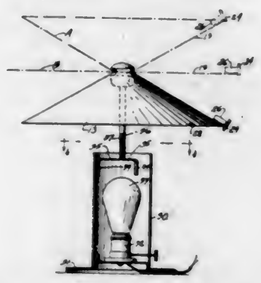
2. A shading lens of segmental formation U-shaped in cross section thereby providing two spaced apart identical members and adapted to be slipped over another lens leaving a portion of the latter entirely uncovered and unobstructed, said members being transparent and at least one of them colored.

2,063,503
FLUID PUMP
Walter H. Hermsdorf and Allan W. Aroner, Chicago, Ill., assignors to S. H. G. Incorporated, Chicago, Ill., a corporation of Delaware
Application December 8, 1933, Serial No. 701,442
1 Claim. (Cl. 103—132)



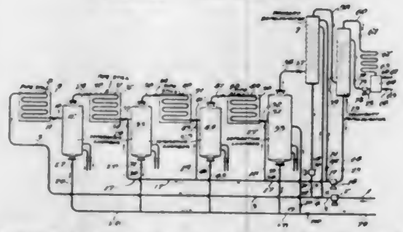
A pump for fluids comprising in combination, a hollow casing having a cylindrical interior, walls at the ends of said casing, one of said walls being provided with an opening, a piston eccentrically positioned in said casing and movable in a planetary manner therein, a hollow vane mounted upon said piston, said vane being movably associated with said casing to prevent rotation of said piston, the hollow interior of the vane being in communication with the interior of the casing during a portion of the movement of the piston, said casing being provided with an outlet opening in communication with the hollow interior of the vane, said piston being provided with an aperture which during a portion of the movement of the piston is in direct registration with the opening in the casing wall, said piston also being provided with a communication between the aperture provided therein and the interior of the casing.

2,063,504
LAMP AND VARIABLE FOCUS SHADE
Nathan George Horwitt, Morris Katcher, and Willi Noell, New York, N. Y., assignors to Design Engineers, Incorporated, New York, N. Y.
Application August 13, 1934, Serial No. 739,546
11 Claims. (Cl. 240—108)



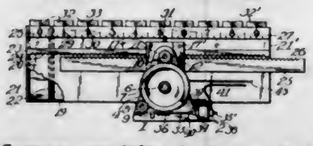
10. A lamp shade comprising a flexible sheet of material having an opening in its central portion, said sheet having a split extending from said opening to its outer edge, a mounting fixedly attached to said sheet on the portion adjoining one of its split edges, and means movably supported by said mounting engaging the portion adjoining the other of the split edges, said means when caused to move on said mounting effecting relative motion of the split edges to and from each other for varying the amount of overlap of the portions adjoining the split edges of the sheet.

2,063,505
PROCESS FOR HYDROCARBON OIL CONVERSION
Lyman C. Huff, Chicago, Ill., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application January 30, 1928, Serial No. 250,393
Renewed October 8, 1935
9 Claims. (Cl. 196—49)



1. In the vapor phase cracking of hydrocarbon oils, the method which comprises passing hydrocarbon vapors successively through a series of vapor phase cracking zones wherein they are heated to successively higher cracking temperatures, introducing a cooling oil into direct contact with the hot vapors promptly upon issuance from each of said zones to precipitate from the vapors heavier coke-forming constituents thereof, dephlegmating the cracked vapors to condense heavier fractions thereof as reflux condensate, and utilizing reflux condensate thus formed as the aforesaid cooling oil.

2,063,506
FINENESS MODULUS INDICATOR
Russell H. Johnson, Indianapolis, Ind.
Application March 6, 1933, Serial No. 659,901
6 Claims. (Cl. 265—35)

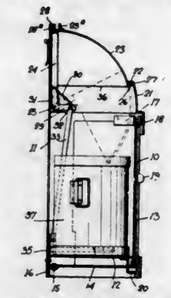


1. A fineness modulus indicator including a frame having co-axial pinion shafts rotatably supported thereby, gearing mounted on the frame and controlling the shafts, a holder for containers arranged in the frame and having rack-bars fixed thereto and driven by the pinion shafts, said holder and rack bars being tiltable as a unit about the common axis of said shafts, guide boxings rotatively supported by the pinion shafts respectively and having rollers thereon guiding the rack-bars, a toothed balancing bar arranged in one of said boxings under and in connection with the adjacent pinion shaft and guided by the boxing, a reversible motor supported by the frame and having driving connection with the gearing, and means responsive to tilting movement of the holder for controlling said motor to balance the holder in a substantially horizontal position.

2,063,507
WASTE RECEPTACLE
Abraham Singer Karper, New York, N. Y.
Application June 3, 1933, Serial No. 674,195
5 Claims. (Cl. 220—36)

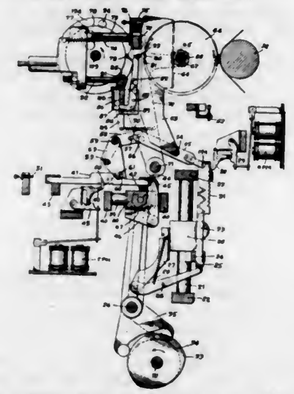
3. A waste receptacle comprising a body portion, a cover for association therewith and defining a section of a sphere, supporting means

to secure said cover to said body portion in pivotal relationship, the lower edge of said cover being spaced from and above the point of pivot of said supporting means when the cover is in closed position and a wall forming a part of said



receptacle, the upper edge of said cover, in the movement of the latter towards closed position, shifting upwardly and rearwardly into movement arresting contact with the face of said wall.

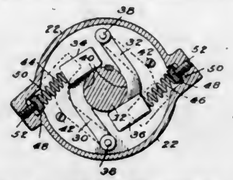
2,063,508
PRINTING MECHANISM
Harold Hall Keen, Letchworth, England, assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application October 4, 1935, Serial No. 43,538
In Great Britain October 23, 1934
5 Claims. (Cl. 101—96)



1. In a printing machine, a pair of type setting bars, means for adjusting said bars, a bell crank operated by one of said bars, a differential link with one end pivoted on the other of said bars and at the other end connected to said bell crank, a rack pivoted on said link and moved a distance which is the resultant of the combined movement of the bars, a type carrier operated by said rack, a platen, and means for impressing the type against the platen.

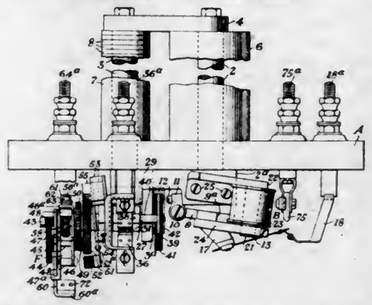
2,063,509
VIBRATING DRIVE
Benjamin B. Lacy, Houston, Tex.
Application May 2, 1935, Serial No. 19,511
5 Claims. (Cl. 74—61)

1. The combination with a power driven shaft, of two weights connected thereto so as to revolve therewith, each of said weights having a limited movement outward from said shaft, said weights being adapted to balance each other when both are in inner position and when both are in outer position, and means normally hold-



ing said weights in and responsive to the centrifugal force of said weights to permit said weights to move outward upon attaining predetermined speeds of revolution which are different for the two weights.

2,063,510
WORM GEARING
Branko Lazich, Edgewood, and Harry E. Ashworth, Swissvale, Pa., assignors to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Original application January 14, 1930, Serial No. 420,736. Divided and this application June 28, 1934, Serial No. 732,856
2 Claims. (Cl. 74—425)



1. A contact arm comprising a plate, a worm wheel having a hub rotatable in said plate, a segment secured to said hub on the opposite side of said plate from said worm wheel and arranged to hold said worm wheel in place, a rotatable shaft secured to said plate and provided at its upper end with a rectangular head to receive a tool for turning the shaft, a worm attached to said shaft and meshing with said worm wheel for rotating said worm wheel in response to rotation of said shaft, and a locking member for said shaft comprising a flexible strip having one end inclined and provided with a rectangular slot which is just wide enough to receive the rectangular head of said shaft when the sides of said rectangular end are parallel with said slot, said strip being attached to said plate in such manner that its inclined end must be depressed past said head before said shaft can be rotated.

2,063,511
NECKTIE AND METHOD OF MAKING THE SAME
Joseph W. Less, Clinton, Iowa
Application May 31, 1935, Serial No. 24,213
24 Claims. (Cl. 2—150)

1. A neck tie structure including an inner stiffened initially flat knot portion, and an outer

knot portion permanently carried by and snugly fitting and enclosing the same, said outer knot



portion being rotatably adjustable about a single axis of said inner knot portion.

2,063,512
NECKTIE
Joseph W. Less, Clinton, Iowa
Application November 11, 1935, Serial No. 49,236
8 Claims. (Cl. 2—150)
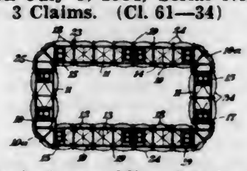


1. A member to be enclosed in the knot portion of a necktie comprising a length of wire having a ring of elongated form at substantially the middle of its length, the two extremities of said wire lying adjacent each other at one side of the ring and extending from the same in a direction substantially at right angles to the plane thereof terminating in loops of elongated form in such direction substantially paralleling each other for part of their length, the bights of the loops at the ends thereof farthest from the ring lying substantially in a line lying at right angles to the longest measurement of said ring.

2,063,513
ALLOY
James M. Lohr, Morristown, N. J., assignor to Driver-Harris Company, Harrison, N. J., a corporation of New Jersey
No Drawing. Application July 27, 1935, Serial No. 33,561
6 Claims. (Cl. 75—124)

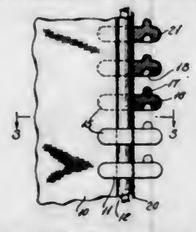
1. In a nickel-chromium-iron alloy containing from 20 to 50 percent nickel, 5 to 25 percent chromium, more than .01 and less than .50 percent zirconium, more than .01 and less than 1.0 percent aluminum, balance iron.

2,063,514
METHOD AND APPARATUS FOR CONSTRUCTING COFFERDAMS
James C. Meem, Brooklyn, N. Y.; Catherine R. Meem administratrix of said James C. Meem, deceased
Application July 5, 1934, Serial No. 733,733
3 Claims. (Cl. 61—34)



1. A method of assembling, bracing and floating metallic frameworks for constructing the walls of cofferdams and the like consisting of assembling, launching and connecting a series of rectangular frameworks provided with flotation boxes and having vertical guides for master piles, floating the sections to position, maintaining the frameworks floating at desired levels by regulation of fluid in the flotation boxes, driving the master piles through the guides to required penetration and filling in driven sheet piling between adjacent master piles.

2,063,515
SEPARABLE SLIDE FASTENER AND METHOD OF MAKING THE SAME
Louis H. Morin, Bronx, N. Y., assignor to Whitehall Patents Corporation, New York, N. Y., a corporation of New York
Application September 8, 1934, Serial No. 743,256
12 Claims. (Cl. 204—8)



1. A separable slide fastener of the class described comprising stringers, each consisting of a mounting member of fibrous material with a plurality of links spaced longitudinally of and projecting from one edge thereof, and metallic means arranged continuously throughout the length of said edge of the mounting member and interwoven with said fibrous member and exposed therethrough for contact with each of the links thereon.

2,063,516
PROCESS FOR STABILIZING GASOLINE AND THE LIKE
Jacque C. Morrell, Chicago, Ill., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application November 11, 1929, Serial No. 406,517
10 Claims. (Cl. 44—9)

1. The process of stabilizing gasoline which comprises the addition thereto in amount up to about 2% of a compound containing the phthalic acid radical and selected from the group consisting of the phthalides, phthalic acid and phthalic anhydride.

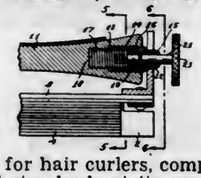
2,063,517
TREATMENT OF HYDROCARBON OILS
Jacque C. Morrell and Gustav Egloff, Chicago, Ill., assignors, by mesne assignments, to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application June 19, 1931, Serial No. 545,476. Renewed July 1, 1935
5 Claims. (Cl. 196—36)

3. A process for refining cracked hydrocarbon distillates which comprises treating the distillate at a temperature between 275° F. and 600° F. with added aqueous hydrogen chloride in the presence of copper salt in aqueous solution and in solid form.

2,063,518
TREATMENT OF HYDROCARBON OILS
Jacque C. Morrell and Gustav Egloff, Chicago, Ill., assignors, by mesne assignments, to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application June 19, 1931, Serial No. 545,477. Renewed July 1, 1935
4 Claims. (Cl. 196—36)

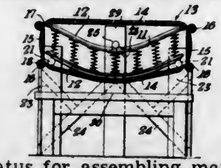
1. A process for refining hydrocarbon vapors which comprises treating the same with added aqueous hydrogen chloride in the presence of a relatively stable water soluble zinc salt in aqueous solution and a relatively stable zinc salt in amount above that which will dissolve in the aqueous hydrogen chloride and the aqueous solution whereby to maintain a solid phase of the last named salt.

2,063,519
RELEASE FOR HAIR CURLERS
Tomlinson I. Moseley, San Francisco, Calif.
Application November 29, 1935, Serial No. 52,129
2 Claims. (Cl. 132—33)



1. A release for hair curlers, comprising a base having slotted standards at its opposite ends; a spool, on which hair to be curled is wound, having a shaft fixed to the spool at one end and a shaft on which the spool is journaled at its other end, said end shafts being demountably confined in the opposite slotted standards; a spring clutch arranged in the spool adjacent the shaft on which the spool is journaled permitting one way rotation of the spool to wind hair thereon; and means operable thru the last mentioned shaft to release the clutch from the spool to permit removal of the spool and unwinding of the hair.

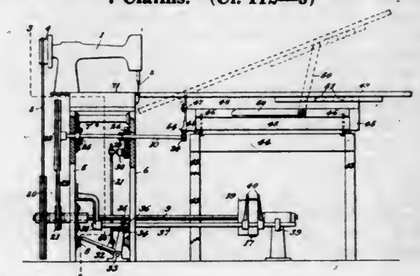
2,063,520
METHOD AND APPARATUS FOR THE MANUFACTURE OF MATTRESSES
Thomas Bolton O'Brien, New York, N. Y.
Application February 14, 1934, Serial No. 711,184
12 Claims. (Cl. 226—43)



1. Apparatus for assembling mattresses, comprising a pair of spaced members adapted to contact one face of a mattress inner spring, said members being fixed in position by one of their corresponding ends and having their other ends free, a movable member pivoted toward one end substantially midway between the said fixed members and having its other end free and being adapted to press the other face of the mattress inner spring and to bend it between the said fixed members, and means to anchor the said movable member in position.

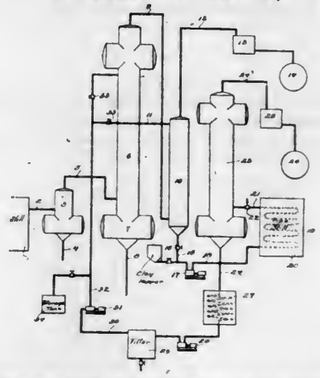
12. The method of constructing a mattress, which comprises the steps of preparing a padded mattress envelope having completed, rounded corners and being entirely closed except at one edge seam between the corners, preparing a complete, independent, inner spring unit, equal to the capacity of the envelope, embodying helically coiled springs interconnected at their ends and surrounded by continuous, resilient, wire loops, bending the spring unit, within the range of its resiliency, longitudinally through its whole length, completely inserting it, while held so bent by force applied directly to it, through the open end edge seam, allowing the spring unit to flatten out through its own resiliency, progressively from its inner end outward, and then permanently closing the seam in the end of the mattress envelope.

2,063,521
MATTRESS MAKING MECHANISM
Thomas Bolton O'Brien, New York, N. Y.
Application August 3, 1935, Serial No. 34,508
7 Claims. (Cl. 112—3)



6. In a mattress making apparatus the combination of a sewing machine embodying a needle reciprocable vertically in close proximity to the fixed, forward edge of the machine table, a work support disposable substantially in the plane of said table and adjacent to its said edge, but independent thereof, means for optionally depressing the edge of the work support adjacent to said table at an angle downwardly toward and below its level, and work support feeding means; whereby the apparatus may be used for sewing a flat seam, or optionally a seam from above downward and outward through the adjacent edges of the boxing and upper side of a cored mattress.

2,063,522
POLYMERIZATION OF HYDROCARBONS
Rudolph C. Osterstrom, Kenilworth, Ill., assignor to The Pure Oil Company, Chicago, Ill., a corporation of Ohio
Application February 1, 1929, Serial No. 336,868
Renewed September 20, 1934
4 Claims. (Cl. 196—79)



1. The method of decolorizing and degumming cracked petroleum oils containing high percentages of unsaturated compounds which comprises: passing a stream of such oils in a substantially vaporous state from a cracking zone through a fractionating zone, bringing into intimate contact with said vapors during the passage of the latter through the fractionating zone regulated quantities of high boiling oils

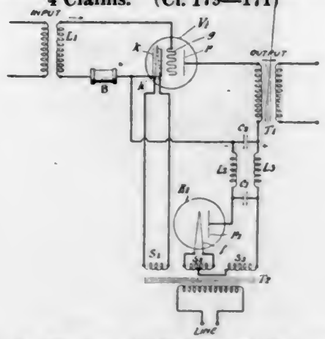
containing polymerized petroleum bodies, the latter being introduced into said vapors in such quantities as to effect polymerization of undesired compounds present therein, removing from one end of said fractionating zone uncondensed oils as a treated end product, separately removing from another portion of said fractionating zone a condensate composed of relatively higher boiling oils and containing said polymerized bodies, passing the mixture of said condensate and polymerized bodies under superatmospheric pressures through an elongated externally heated polymerizing zone of restricted cross sectional area to effect further polymerization of undesired compounds of the condensate, withdrawing the products of the polymerizing zone and separating the same under reduced pressure to effect the removal as vapors of the desired treated oils from the undesired high boiling polymer containing oils, and returning a portion at least of such polymer containing oils to the fractionating zone for admixture with the cracked oil vapors passing therethrough.

2,063,523
SAFETY RAZOR
Francis M. S. Pennacchini, East Boston, Mass.
Application February 7, 1936, Serial No. 62,769
16 Claims. (Cl. 30—42)



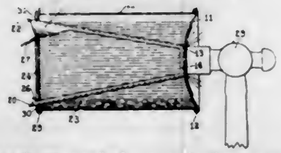
1. A safety razor comprising a circular flanged guard plate having at one point thereon the flange removed and provided with a plurality of guard fingers, an end plate covering the flanged portion of said guard plate and leaving the guard fingers exposed, a disk with sharp knife edge interposed between said plates, a housing on said guard plate, and means confined within said housing for rotating said disk.

2,063,524
ELECTRICAL AMPLIFIER CIRCUIT
Samuel Ruben, New Rochelle, N. Y.
Application July 22, 1933, Serial No. 681,715
4 Claims. (Cl. 179—171)



1. In a vacuum tube amplifying circuit, a vacuum tube comprising a cathode, an anode and a control grid, a biasing means connected to said grid for negatively charging said grid in respect to its cathode, said biasing means comprising a cathode, an anode and an electrolyte in which said cathode and anode are substantially insoluble, so that said biasing means is insufficiently chemically active to maintain the potential of said biasing means if current is discharged through the grid circuit.

2,063,525
RECEPTACLE
William P. Schickel, New York, N. Y.
Application March 29, 1934, Serial No. 718,062
12 Claims. (Cl. 221—23)



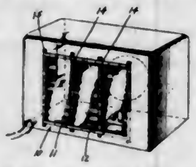
2. A closed or sealed receptacle provided interiorly thereof with means formed and arranged to cut a pouring opening in a portion only of a wall of said receptacle and provide a spout extending therethrough when the receptacle is subjected to pressure or a force applied thereon exteriorly thereof.

2,063,526
DOOR CHECK
William F. Snowdon, Brooklyn, N. Y.
Application December 12, 1935, Serial No. 54,007
10 Claims. (Cl. 16—49)



1. In a door check of the type having a tubular casing with a friction element and springs therein, and in which one end is attached to the door and the other to the door frame, two segments forming the bearing surfaces of the friction element, a wedge positioned between said segments and by which they are forced outwardly, and means for adjusting the compression of the springs from the exterior of the casing, said casing having an enlarged portion providing means for releasing said friction element as the door closes.

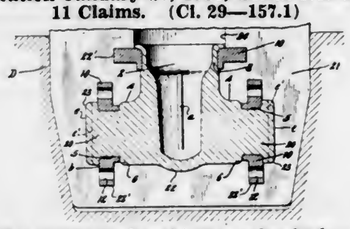
2,063,527
RADIO AND IMPROVED BACK THEREFOR
Joseph Solowinski, Jr., New Windsor, N. Y.
Application October 2, 1935, Serial No. 43,175
7 Claims. (Cl. 312—7)



1. A radio back comprising a plurality of layers of mesh fabric, one of said layers being superimposed on another of said layers, with the threads of one of said layers extending across

openings in said adjacent layer, both of said layers being gathered along the peripheries thereof, said back being substantially free from normal auditory reverberation when sound waves strike the same.

2,063,528
METHOD OF MAKING VALVE BODIES
Stanley W. Sparks, Norwalk, Conn., assignor to Sparks Processes, Incorporated, Norwalk, Conn., a corporation of Connecticut
Application January 27, 1934, Serial No. 708,545
11 Claims. (Cl. 29—157.1)



1. The method of making a valve body, which comprises positioning a coupling flange within a die of the general internal configuration of the particular valve body desired, introducing a plastic metal blank into said die and therein subjecting the same to the extrusion pressure exerted by a plunger caused to contact with said blank and causing the extrusion of portions of said metal blank through the central aperture of such flange and across a portion of the outer face of such flange thereby forming a terminal flange-retaining flared portion on the resultant extruded valve body which permanently retains said applied flange thereon.

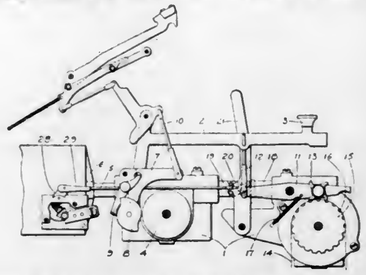
3. The method of forming a wrought iron valve body, which comprises extruding a valve body of the desired shape and having integral hubs projecting therefrom, which hubs have integral flared terminal portions, and permanently attaching coupling flanges to said hubs during the extrusion of the latter.

2,063,529
CLEANING FERROUS ARTICLES
Urlyn Clifton Tainton and Frank W. Harris, Baltimore, Md.; said Harris assignor to said Tainton
No Drawing. Application March 8, 1932, Serial No. 597,623. Renewed May 13, 1936
3 Claims. (Cl. 204—18)

1. The process of removing rust and scale from the surface of ferrous articles, which comprises immersing the article in a solution of sulphuric acid of a concentration of 60% or more H_2SO_4 at a temperature of 100° C. or more in the absence of an imposed electric current for a sufficient time interval to effect the removal of extraneous surface material, including rust and scale, without substantial solution of the metal itself, and washing thoroughly with a sufficiently large volume of water to prevent a substantial degree of secondary action of the sulphuric acid upon the ferrous article, and electrodepositing zinc upon such cleaned article.

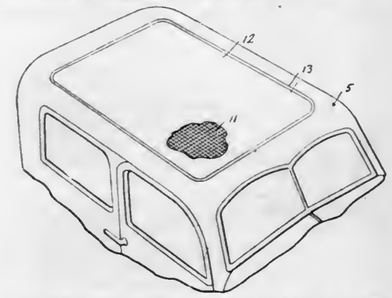
2,063,530
TYPEWRITING MACHINE
Russell G. Thompson, Rochester, N. Y., assignor to Electromatic Typewriters, Inc., Rochester, N. Y., a corporation of New York
Application March 18, 1931, Serial No. 523,481
12 Claims. (Cl. 197—20)

1. In a power driven typewriting machine, the combination with printing instrumentalities, of a driven roller, key controlled means for operatively connecting said printing instrumentalities with the driven roller, a motor for driving said roller, power driven devices for selectively actuating said key controlled means, a hand op-



erated device for operatively connecting and disconnecting said power driven devices with said motor, and means controlled by said hand operated device for controlling the speed of the motor.

2,063,531
AUTOMOBILE ANTENNA
Record Dean Tuttle, Smyrna, N. Y., assignor of one-half to Hugh Bryan, Sherburne, N. Y.
Application May 10, 1935, Serial No. 20,868
1 Claim. (Cl. 250—33)

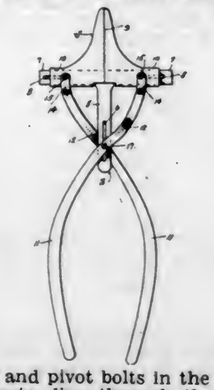


In combination with an automobile top having a depressed area therein, a sheet of insulation for disposition upon the bottom of the said depressed area, a mesh antenna sheet for disposition upon the said insulation sheet, said mesh antenna sheet being shorter and narrower than the insulation sheet, and a waterproof covering for disposition over the mesh antenna sheet, said covering being of a width and length greater than the antenna sheet and means for urging the edge portion of the said waterproof covering downwardly for snug engagement against the insulation sheet at the edge portion thereof.

2,063,532
PLIERS
Peter Vertes, North Tarrytown, N. Y., assignor of one-half to Nick Vecsei, North Tarrytown, N. Y.
Application August 20, 1935, Serial No. 37,080
Renewed June 9, 1936
2 Claims. (Cl. 81—50)

1. A pair of pliers of the class described comprising a T-shaped shank member having a shank with a pair of arms extending in opposite directions therefrom, the arms having slots and the shank having slots, jaws having sleeves

slidable on the arms, a pair of handles, pivot bolts mounted in the handles through the slot



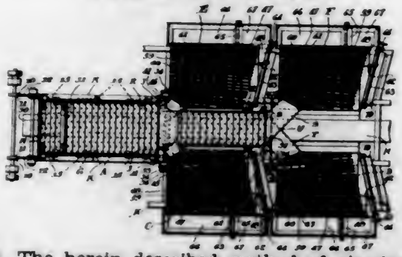
in the shank and pivot bolts in the terminals of the handles extending through the sleeves and the slots of the arms.

2,063,533

AIR CLEANER AND CLASSIFIER FOR FINE COALS

Gustave Andre Vissac, Blairmore, Alberta, Canada

Application April 14, 1934, Serial No. 720,643
In Canada June 10, 1933
5 Claims. (Cl. 209—467)



1. The herein described method of air-cleaning fine coals which comprises producing a stratified flowing stream of coal and refuse, moving in one direction, in which the particles of coal and refuse in each layer are of different specific gravity and size but have the same speed of free fall in air, then separating the layers and then causing the separated layers to move in a direction substantially transverse to the initial direction of movement and separating the particles of coal and refuse in each layer according to size.

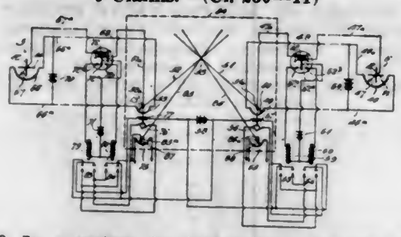
3. An apparatus for separating a mixture of materials of different specific gravities and wherein the particles are of different sizes comprising in combination a pair of stepped and perforated jigging tables, arranged the one behind the other and upwardly inclined in the direction of motion of the bulk of said materials, means for supplying air therebeneath whereby to stratify the material into layers of equivalent particles, means for withdrawing the top layer of said materials at the lower end of the first table, means for slicing the forwardly moving material at the upper end of the first table, whereby the upper slice only passes on to the second table and means for classifying the bottom slice, and the material passing from the upper end of the second table.

2,063,534

AUTOMATIC PILOTING SYSTEM

Marcel Wallace, Staten Island, N. Y., assignor of one-third to Edward L. Corbett, New York, N. Y.

Application July 29, 1930, Serial No. 471,586
9 Claims. (Cl. 250—11)



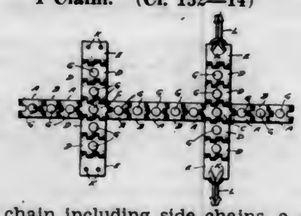
9. In a system for transmitting angular motion, a pair of bridge circuits, a relay controlled by each of said bridge circuits, a pair of angularly movable devices, circuits individual to each of said angularly movable devices controlled by the said relays for determining the direction of angular movement of said angularly movable devices, a pivotally mounted arm driven by each of said angularly movable devices in intersecting relationship one with the other, a pair of similarly arranged pivotally mounted arms extending in overlapping intersecting relationship with respect to said first mentioned arms, loop antennae individual to each of said bridge circuits and adapted to control by the orientation thereof the balance of each of said bridge circuits, separate balancing means in each of said bridge circuits controlled by the movement of said first mentioned arms, and variable circuit controlling means operated by said last mentioned arms for transmitting angular motion imparted by said first mentioned arms through said second mentioned pair of arms.

2,063,535

AUTOMOBILE TIRE CHAIN

Frank Aloe, Washington, Pa.

Application October 18, 1935, Serial No. 45,574
1 Claim. (Cl. 152—14)



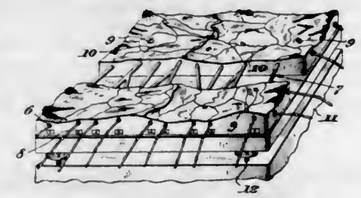
A tire chain including side chains, a circumferential tread chain and cross chains, the circumferential tread chain being substantially centrally disposed with respect to the side chains and the cross chains being spaced apart and having their ends and mid sections attached to the cross chains and circumferential chain, respectively, the circumferential tread chain comprising mating links consisting of a series of links having centrally disposed projections on opposite sides thereof and a series of links having centrally disposed recesses on opposite sides thereof, said projections of one series entering the recesses of the other series in alternate relation and secured thereto, the cross chains consisting of a plurality of intermediate and end links, the outer edges of which links are in a straight line and a centrally disposed link in the cross chain connected with the links of the circumferential chain, the centrally disposed link of the cross chain having centrally arranged projections on opposite ends thereof, said projections adapted to enter the recesses of the circumferential links for securing the circumferential chain to the cross chains, the centrally disposed link in the cross chain also having a pair of spaced projections and a pair of spaced recesses on opposite sides thereof, the projections on either side located in offset relation to the edge of the end of the link in opposite directions to render the link reversible and interchangeable, the intermediate links of the cross chain having at opposite sides thereof spaced projections and recesses similarly related to each other as in the centrally disposed link, and means for connecting the end links of the cross chain to the side chains.

2,063,536

APPARATUS FOR SIMULATING ARTILLERY FIRING

André Valentin Baranoff, Paris, France

Application January 19, 1934, Serial No. 707,414
In France February 25, 1933
4 Claims. (Cl. 35—25)



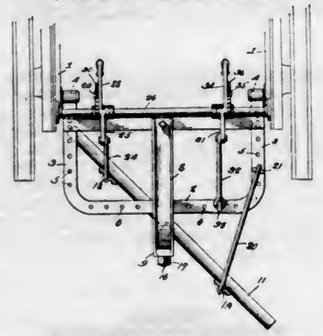
1. A device of substantial thickness the upper surface of which forms a relief map, representations of various objects movable thereon and means for moving said objects independently of each other and guiding means for said moving means.

2,063,537

TERRACING AND GRADING ATTACHMENT FOR TRACTORS

George A. Beard, San Angelo, Tex.

Application July 23, 1936, Serial No. 92,231
6 Claims. (Cl. 37—178)



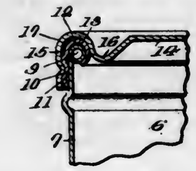
1. A scraping attachment for farm tractors, including a draw-bar, a beam extending thereacross downwardly therebelow, a blade mounted adjacent to its center on the beam for up and down and front and back swinging movement relative thereto, movable means connecting one end portion of the blade to the draw-bar to hold it against backward and forward swinging movement, and adjustable means under the control of an operator for raising and lowering the other end of the blade.

2,063,538

METAL CONTAINER

Jacob Dahl, Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y., a corporation of New York

Application April 24, 1935, Serial No. 18,044
1 Claim. (Cl. 220—39)



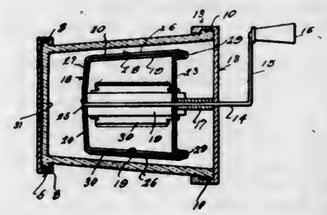
A metal container comprising a sheet metal body portion having a lock and lap seam for joining the side edges thereof, said body portion having the upper edge thereof curled inwardly to form a bead, an endless collar adapted to fit over said container, said collar being curved at its upper edge portion inwardly and downwardly about said bead on the can body for firmly connecting said collar to said can body and thus producing an edge portion for said can body which is circumferentially unbroken, a sealing material between the bead and the inner surface of the collar for sealing the connection therebetween, said collar having projecting holding members formed therein, a closure for the container having a depending flange adapted to extend down over said collar, said flange having holding members formed therein adapted to engage the holding members on the collar for drawing the closure into tight sealing contact with the said collar, said closure having a recess formed therein directly above said collar and a sealing material in said recess for forming a tight hermetic seal between the closure and the container.

2,063,539

RAZOR BLADE SHARPENING FIXTURE

Franklin E. Dare, Pleasantville, N. J.

Application May 20, 1936, Serial No. 80,836
1 Claim. (Cl. 51—161)



A device of the character described comprising a hollow sharpening cylinder, a safety razor blade carrying rotor supported axially in said cylinder, and manual means for rotating said rotor to apply the edges of the blades to the walls of said cylinder, the axially outward end of said cylinder being open, a removable cover on the open end, said cover rotatably sup-

porting said rotor and said rotor embodying blade holding means comprising a plurality of U-shaped members having their intermediate portions secured in crossed relation and their parallel arm portions disposed longitudinally of the cylinder, each blade holder being formed of laminated strips of material between which the blades are positioned and frictionally retained with the edges of the blade projecting beyond the edges of the holder, a disc on the rotor and means for securing the ends of the strip to said disc.

2,063,540
PRODUCTS OF DIENE SYNTHESIS
Carleton Ellis, Montclair, N. J., assignor to Ellis-Foster Company, a corporation of New Jersey
No Drawing. Application November 25, 1931, Serial No. 577,403
6 Claims. (Cl. 134—26)

1. A modified natural resin adapted for use in coating compositions which comprises the reaction product of rosin and maleic acid.

2,063,541
PAINT AND VARNISH
Carleton Ellis, Montclair, N. J., assignor to Ellis-Foster Company, a corporation of New Jersey
No Drawing. Application December 14, 1931 Serial No. 581,077
25 Claims. (Cl. 134—26)

1. A varnish agent containing a water-soluble salt of the reaction products of ammonium rosin and maleic acid.

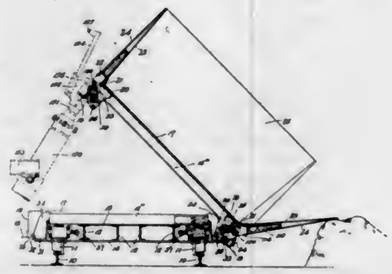
2,063,542
DIENE RESIN
Carleton Ellis, Montclair, N. J., assignor to Ellis-Foster Company, a corporation of New Jersey
No Drawing. Application May 20, 1932, Serial No. 612,648
28 Claims. (Cl. 260—8)

1. A resinous product formed by simultaneous reaction of natural resin, an alpha-beta unsaturated organic polybasic acid and a polyhydric alcohol, which on saponification yields polyhydric alcohol and a salt of a polybasic acid-compound of natural resin, the natural resin containing conjugated double bonds.

2,063,543
PRODUCTION OF REFRACTORY BRICK
Konrad Erdmann, Radenthein, Carinthia, Austria
No Drawing. Application August 3, 1933, Serial No. 683,560. In Austria March 2, 1932
7 Claims. (Cl. 106—9)

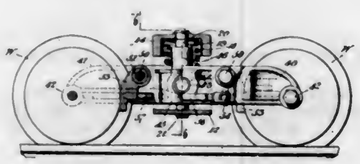
1. A process of producing refractory brick from refractory material containing a high percentage of magnesia which process comprises grading a ground material containing particles ranging from finest powder up to a size of above approximately 1000μ into a fine fraction consisting of particles of a size up to approximately 100μ, an intermediate fraction consisting of particles of a size between approximately 100 and 1000μ, and a coarse fraction consisting of particles of a size above approximately 1000μ, the relative amounts of the said fractions being so adjusted that the final ratio between the fine, intermediate and coarse fractions is as (20 to 40):(15 to 25):(35 to 65); adding aluminous material to provide in the finished refractory body a percentage of Al_2O_3 amounting to 2 to 6%, molding the brick and baking.

2,063,544
UNDERGROUND MINE CAR
Henry Fort Flowers, Findlay, Ohio
Application December 7, 1931, Serial No. 579,540
Renewed May 18, 1936
24 Claims. (Cl. 105—276)



1. In a dump vehicle, a frame comprising longitudinal members, a stiffener sheet secured on top of said members and transverse members secured on top of said sheet, body fulcrum buckets carried by the transverse members at the ends thereof and having supporting surfaces below the tops of the transverse members, a dump body, and depending fulcrum devices carried by the body laterally beyond the ends of the transverse members and resting on said surface during transport.

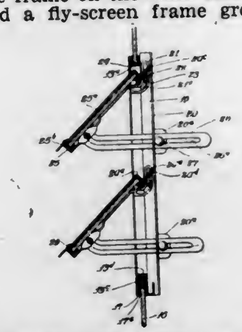
2,063,545
INDEPENDENT TRUCK ASSEMBLY FOR WHEEL VEHICLES
Henry Fort Flowers, Findlay, Ohio
Application June 6, 1932, Serial No. 615,735
Renewed April 18, 1936
13 Claims. (Cl. 105—179)



1. A truck assembly for a vehicle having a king pin and a support therefor, comprising a truck pivot member having an upwardly open annular cup portion with a central bearing sleeve surrounding the king pin and slidable and rotatable thereon, truck side frames mounted intermediate their length on horizontal pivots of said truck pivot member, wheels pivoted at the ends of said side frames, and a spring interposed between said support and the bottom of said annular cup portion.

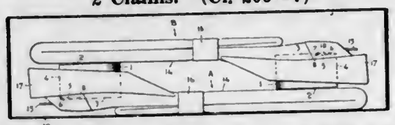
2,063,546
WINDOW VENTILATOR
Edwin W. Friedholdt, Jr., Chicago, Ill.
Application November 10, 1934, Serial No. 752,499
10 Claims. (Cl. 98—96)

1. A window ventilator comprising a rectangular frame, visor elements carried by said frame, spaced channel flanges along the sides and bottom of the frame on the inner side of the ventilator and a fly-screen frame grooved in its



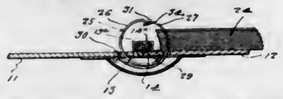
sides and bottom, the flanges forming guides to receive the screen frame as a slide.

2,063,547
METHOD OF AND DEVICE FOR PACKAGING LAUNDRY
Joseph T. Gibbons, Washington, D. C., assignor to Walter C. Krout, Charlotte, N. C.
Application April 9, 1934, Serial No. 719,775
2 Claims. (Cl. 206—7)



1. The method of packaging pairs of men's shirts with starched collars attached thereto which consists of inserting into the collar opening of each shirt a rigid spacing element to rest upon the inner surface of the back of the shirt and extend vertically upwardly at right angles to the plane of the back of the shirt beyond the upper edge of the collar, facing the shirts of each pair so that the shirt bosoms will contact the outer edges of the elements, and enclosing the shirts by any suitable means.

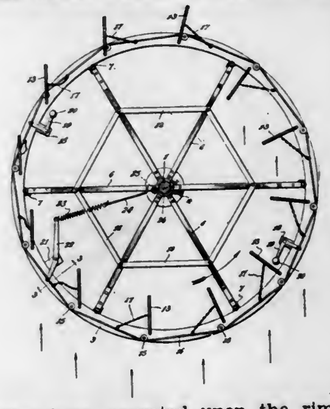
2,063,548
LOOSE LEAF BINDER
Elva Otis Greer, Amarillo, Tex.
Application May 23, 1935, Serial No. 23,115
5 Claims. (Cl. 129—1)



1. In a structure of the class described, a pair of hingedly connected backing members and leaf retention rings, said rings being of a radially expansible and contractible type and having their outer end portions anchored on the exterior surfaces of the backing members adjacent the complemental edges of said backing members.

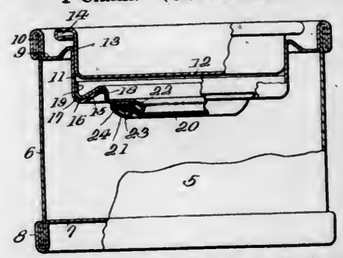
2,063,549
WIND WHEEL
Elbert D. Hale, Glentana, Mont.
Application January 17, 1935, Serial No. 2,275
4 Claims. (Cl. 170—26)

1. A wind wheel comprising upper and lower rims, a central vertical shaft, means for connecting the rims to the shaft, vanes pivoted in and extending between the rims, guides on the lower rim, a cable trained about said guides at the outer sides of the same, flexible connections between the cable and the respective vanes, an



adjusting lever mounted upon the rim at the inner side of said cable and connected with the cable, and resilient means attached to the lever for setting the same.

2,063,550
METAL CONTAINER
William W. Hodgson, Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y., a corporation of New York
Application April 22, 1935, Serial No. 17,715
1 Claim. (Cl. 220—27)

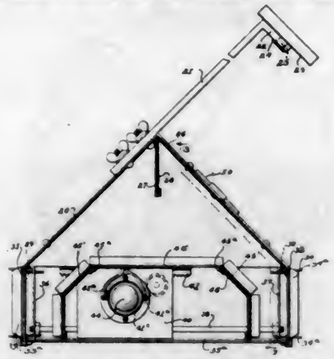


A metal container comprising a body portion having a can top secured thereto, said can top having a central opening and a vertical friction wall surrounding said opening, said can top having an inwardly projecting ledge at the lower end of said vertical friction wall shaped so as to provide a retaining recess for a sealing material, a carrier ring frictionally engaging the lower portion of said vertical friction wall of the can top and held thereto in contact with the sealing material in said recess, the upper portion of said vertical wall being adapted to receive a friction plug, said carrier ring having a portion thereof extending inwardly beyond the inner edge of said ledge, a frangible sealing disk for closing the opening in said ring, the inwardly projecting portion of said ring being shaped so as to provide a recess for a sealing material and so as to clamp the peripheral edge of the sealing disk against the sealing material in said recess.

2,063,551
PHOTOMETRIC DEVICE
Richard S. Hunter, Fairfax County, Va.
Application March 3, 1934, Serial No. 713,933
5 Claims. (Cl. 88—14)

1. A portable photometer comprising a substan-

tially light-tight housing, an eye-piece mounted thereon, means on the housing for supporting two parallel diffuse reflecting surfaces, a light source located between the surfaces, guide means carried by the housing for supporting the light source



in slidable adjustment toward and from the surfaces, and a pattern mirror secured within the housing, in position to pass light from one surface directly to the eye-piece and to receive light directly from the other surface and reflect it directly to the eye-piece.

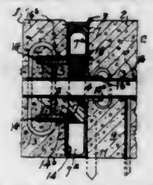
2,063,552

EXPANSION AND CONTRACTION JOINT FOR CONCRETE STRUCTURES

Leopold J. Mensch, Kenilworth, Ill.

Application November 9, 1934, Serial No. 752,272

11 Claims. (Cl. 94—18)



1. In a joint of the character described for concrete structures, a stiff structural girder, and dowels or anchor elements rigidly and permanently secured thereto and projecting laterally therefrom and adapted to project into and move within an adjadent concrete section, during contraction and expansion of said section.

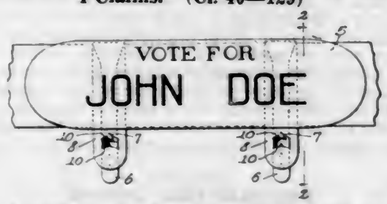
2,063,553

ADVERTISING PLATE

Roy G. Mooney, Okmulgee, Okla.

Application April 4, 1936, Serial No. 72,820

4 Claims. (Cl. 40—129)



1. A display device comprising a body portion constructed of pliable material and having indicia thereon, securing straps on the body portion, retainer tabs extending from the body portion, said tabs having spaced curved slits formed therein, tongues extending from the straps, said straps adapted to be extended through the slits, and said tongues adapted to engage the edges of the slits, securing the straps to the retainer tabs.

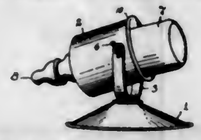
2,063,554

BOTTLE HOLDER

Louis B. Meyerson, Greenwich, Ohio

Application April 29, 1935, Serial No. 18,837

1 Claim. (Cl. 248—106)



In a bottle holder, in combination, a broad shallow hollow conical base and an upright U-shaped bracket centrally secured thereto, a sleeve pivoted near one end in said bracket, and means in the sleeve end remote from said pivots adapted to engage the shoulder of a nursing bottle.

2,063,555

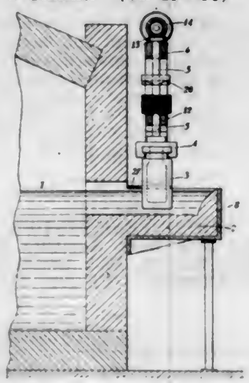
MEANS FOR CIRCULATING GLASS IN GLASS FURNACE GATHERING BASINS OR FOREHEARTHS

Thomas Courtney Moorshead, London, England, assignor to The United Glass Bottle Manufacturers Limited, London, England, a British company

Application March 4, 1935, Serial No. 9,296

In Great Britain February 12, 1935

3 Claims. (Cl. 49—56)



1. In combination with a glass furnace having a forehearth containing molten glass from the surface of which charges of glass are removed by suction, a glass circulating member having a smooth periphery of cylindrical form, the lower end of the glass circulating member being immersed in the mass of glass in the forehearth, a vertically disposed shaft, means detachably connecting the upper end of the glass circulating member with the lower end of said vertically disposed shaft, means for rotating said shaft about its vertical axis, said rotating means including a driving shaft disposed parallel to said vertical shaft and gearing coupling said shafts, and means including a pair of interengaging face cams disposed one on each of the said shafts to cause the glass circulating member to rise and fall as it is rotated.

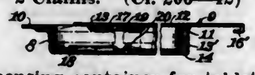
2,063,556

TABLET DISPENSING BOX

Frank J. O'Brien, Pelham, N. Y., assignor to Continental Can Company, Inc., New York, N. Y., a corporation of New York

Application September 21, 1934, Serial No. 744,996

2 Claims. (Cl. 206—42)



1. A dispensing container for tablets comprising a rectangular body portion of substantially uniform cross section, a slidable cover therefor, said container being dimensioned to receive a plurality of equal rows of tablets and hold the same from shocking therein, said cover being cut away at one end thereof to provide an opening through which one tablet may be dispensed when the cover is in open position, and means for limiting the sliding movement of said cover so that when in open position, more than half and less than the whole of one tablet only is uncovered whereby said tablet may tilt and pass out through said opening, said cover and said body having inwardly projecting ribs cooperatively disposed so as to permit only one tablet to gain access to the dispensing portion of the container when the cover is closed and so as to prevent the passage of other tablets to the dispensing opening when the cover is opened.

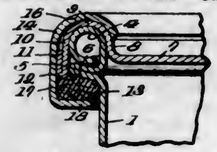
2,063,557

METAL CONTAINER

William F. Punte, Syracuse, N. Y., assignor to Continental Can Company, Inc., New York, N. Y., a corporation of New York

Application December 10, 1934, Serial No. 756,872

2 Claims. (Cl. 220—61)



1. A metal container including in combination a body portion having the upper edge rolled to form a hollow bead, said body portion being bent outwardly and having the walls of said outwardly projecting portion bent into contact to form a rigid double wall sealing shoulder, the lower face of which inclines upwardly and outwardly, a cover for said container having a depending skirt adapted to extend over the container body and terminating slightly below the outer edge of the lower inclined surface of the sealing shoulder, a sealing gasket encircling the container and adapted to engage said shoulder and the lower edge portion of said skirt, a metal sealing strip having a portion overlying the cover, a portion extending vertically along the skirt of the cover and sealing gasket, and a portion projecting inwardly and adapted to underlie said gasket whereby when pressure is applied to the upper and lower portions of the sealing strip, the gasket will be forced against the sealing shoulder and compressed to form a tight joint for sealing the container.

2,063,558

RETAINING WALL

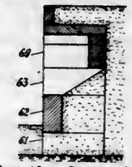
Sylvain Louis Ravier, Paris, France

Application September 6, 1932, Serial No. 631,924

In France September 11, 1931

3 Claims. (Cl. 61—39)

1. In a retaining wall construction, the combination of a series of transverse pillars, a platform supported on said pillars, retaining slabs of limited height at the top and rear of said pillars, and spacing means freely connecting the pillars at their foot and constituting a retaining



wall or partition for the foot of the natural slope formed between said pillars.

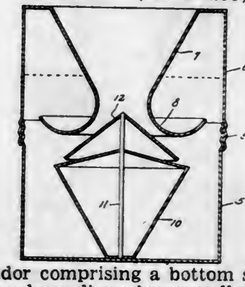
2,063,559

CUSPIDOR

Matt E. Rogers, Arroyo Grande, Calif.

Application June 26, 1936, Serial No. 87,509

1 Claim. (Cl. 4—258)



A cuspidor comprising a bottom section, a top section, a depending downwardly constricting neck supported by the top section, said neck terminating at its lower end in an outwardly and upwardly flaring flange structure, and a conical shaped member supported by the bottom section and projecting upwardly into the lower portion of the said neck.

2,063,560

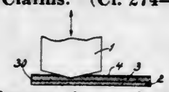
MECHANICAL RECORDING OF OSCILLATIONS

Willem Six, Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands

Application June 29, 1935, Serial No. 29,155

In Germany July 19, 1934

15 Claims. (Cl. 274—11)



1. A device for use in mechanically recording vibrations on a carrier by means of a recording member vibrated substantially perpendicularly to the surface of the carrier to produce an optically-reproducible vibration track whose width variations are an enlargement of the amplitudes of the recording member, comprising a supporting member disposed at the recording point and having a plane bearing surface in contact with the cutting surface of the carrier, and a pressing member having a plane pressing surface bearing upon the carrier, said pressing member being adapted to move as a unit substantially normally to the said bearing surface and to press the carrier against said bearing surface.

2,063,561

REPRODUCING FIGURE

Arturo Sofo, New York, N. Y., assignor to Harrison B. Child, Medfield, Mass.

Application November 19, 1935, Serial No. 50,585

4 Claims. (Cl. 41—25)

1. The process of reproducing figures comprising reducing the figures to a plurality of sub-

stantially flat adjoining surfaces, coloring the surfaces to produce a desired effect, producing in some such material as paper a reproduction of each surface but provided with extensions for suitably engaging and holding adjoining surface reproductions, coloring the surface reproductions to simulate the original surfaces, at-



taching together a plurality of surface reproductions so as to expose the colored sides and to form units simulating portions of the figure, attaching together the units to simulate the entire figure, and coating the interior of the simulation with a stiffening and reinforcing material so as to give the whole sufficient rigidity to maintain its shape simulating the figure.

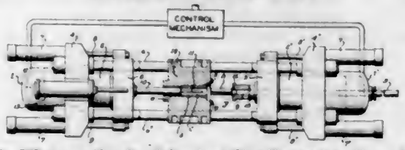
2,063,562

MANUFACTURE OF EXTRUDED METAL SHAPES BY HOT HYDRAULIC EXTRUSION

Stanley W. Sparks, Norwalk, Conn., assignor to Sparks Processes, Incorporated, Norwalk, Conn., a corporation of Connecticut

Application April 12, 1934, Serial No. 720,167

3 Claims. (Cl. 207—10)



1. The method of hydraulically extruding ferrous metal shapes which comprises the steps of placing a heated and plastic metal blank into a container; confining the blank in the container by moving a die and a ram to the container from opposite ends thereof; locking the die in fixed relation relative to the container; and of hydraulically moving the container and related die in one direction while simultaneously hydraulically moving the ram in counter direction to concurrently compress and project the blank and to extrude metal of the blank through the die.

2,063,563

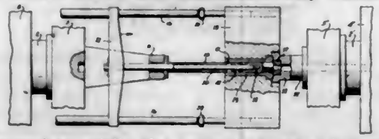
MANUFACTURE OF EXTRUDED METAL SHAPES BY HOT HYDRAULIC EXTRUSION

Stanley W. Sparks, Norwalk, Conn., assignor to Sparks Processes, Incorporated, Norwalk, Conn., a corporation of Connecticut

Application August 27, 1934, Serial No. 741,558

19 Claims. (Cl. 207—10)

5. In the method of hydraulically making elongated solid and hollow ferrous metal by hot hydraulic extrusion, the steps which comprise positioning a hot plastic metal blank in a container and then effecting the indirect extrusion of the metal of such blank by causing said container, while one end thereof is closed and while said container is moving longitudinally, to exert endwise pressure hydraulically on one end of said metal blank and simultaneously causing a



die member, while the same is moving longitudinally in a direction counter to and during movement of said container, to exert endwise pressure hydraulically on the other end of said blank sufficient to effect the extrusion of the metal of the blank from the container through a die at a rate of speed, relative to the ground, of between 5'' and 10'' of billet length per second.

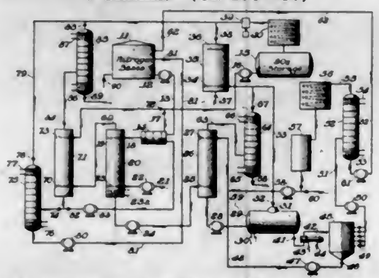
2,063,564

SEPARATION OF NITROGEN BASES

John C. Stauffer, Chicago, Ill., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana

Application June 26, 1933, Serial No. 677,741

7 Claims. (Cl. 196—37)



5. A process for the solvent fractionation of a mixture of hydrocarbons, comprising contacting said mixture with a nitrogen base and with liquid sulfur dioxide, separating extract and raffinate fractions, scrubbing the extract fraction with water, removing at least the greater part of the sulfur dioxide from the water extract in vapor form, drying said sulfur dioxide, liquefying said sulfur dioxide, recycling said sulfur dioxide to said contacting step, separating the residue of said water extract into a predominantly aqueous phase and a predominantly nitrogen base phase, recycling said predaminantly aqueous phase back to said scrubbing step, removing water from said predominantly nitrogen base phase, recycling the dehydrated nitrogen base back to said contacting step, scrubbing said raffinate fraction with liquid sulfur dioxide, removing residual sulfur dioxide from the scrubbed raffinate, recycling the removed sulfur dioxide back to said contacting step, and recycling the sulfur dioxide extract from the last mentioned scrubbing step back to said contacting step.

7. A process for the solvent fractionation of a mixture of hydrocarbons comprising contacting said mixture with a nitrogen base and with liquid sulfur dioxide, separating extract and raffinate fractions, scrubbing at least one of said fractions with liquid sulfur dioxide, removing residual sulfur dioxide from the scrubbed

fraction, recycling the removed sulfur dioxide back to said contacting step, and recycling the sulfur dioxide extract from the scrubbing step back to said contacting step.

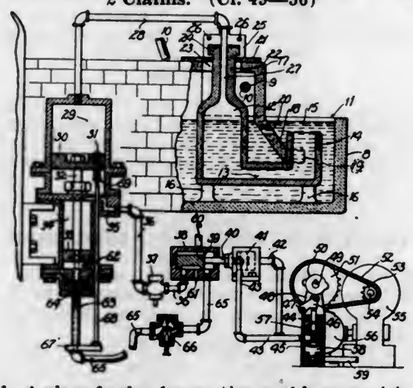
2,063,565

GLASS FEEDER FOR SUCTION MOLDS

Samuel G. Stuckey, St. Louis, Mo., assignor to Obear-Nester Glass Company, St. Louis, Mo., a corporation of Missouri

Application December 6, 1929, Serial No. 412,084

2 Claims. (Cl. 49—56)



1. A glass feeder for suction molds comprising a container having an opening at its top and adapted to hold a supply of molten glass at a constant level, an upwardly directed tube having its upper end open and terminating in the body of glass in the container and below the level thereof, means for creating intermittent currents of glass through the tube sufficient to materially disturb the level of glass in the container immediately above the tube, and removable annular extension members inserted on the end of the tube and wholly immersed in the glass.

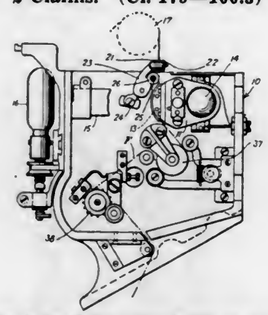
2,063,566

SOUND-ON-FILM APPARATUS

Chester Tappan, New York, N. Y., assignor to General Talking Pictures Corporation, New York, N. Y., a corporation of Delaware

Application September 3, 1935, Serial No. 38,856

2 Claims. (Cl. 179—100.3)



1. A sound-on-film reproducing apparatus including in combination a supporting structure, a slit block having a curved film receiving surface, means therebelow for drawing the film past said surface at a continuous speed, and means located above the slit block for exerting a steadying and retarding action upon the film, whereby the relative sliding contact upon the film receiving surface is maintained uniform, the latter means including a fixed member, a movable member hingedly connected thereto, cooperative film guiding and engaging means carried by the opposed faces of such member, and a resilient film engaging means upon the inner face of one of said members.

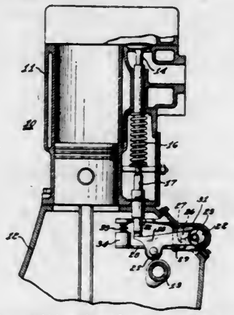
2,063,567

INTERNAL COMBUSTION ENGINE

Milton Tibbetts, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan

Application March 21, 1932, Serial No. 600,095

7 Claims. (Cl. 123—90)



1. In an intermittent valve opening mechanism, a valve, a cam actuated means associated therewith to open said valve, means including a plurality of levers to position said opening means in unvarying close relation to said valve after opening thereof, and a mass of sufficient inertia associated with said levers to maintain said parts in said close relation during subsequent opening movement of said mechanism.

2,063,568

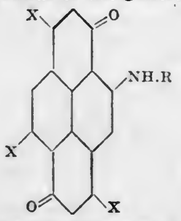
DYESTUFFS OF THE PYRENE SERIES AND PROCESS OF PREPARING THEM

Heinrich Vollmann, Frankfort-on-the-Main-Hochst, and Hans Becker, Hofheim (Taunus), Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application February 19, 1934, Serial No. 712,060. In Germany February 25, 1933

11 Claims. (Cl. 260—61)

7. The compounds of the general formula:



wherein R represents hydrogen, alkyl or aryl, X chlorine, NH_2, NH-alkyl or NH-aryl.

2,063,569

UNDERFLOOR DUCT BOX

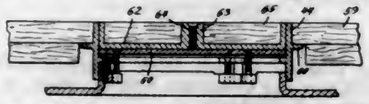
Hervey S. Walker, Ardmore, Pa.

Application November 25, 1933, Serial No. 699,649

5 Claims. (Cl. 247—19)

1. A box for use in underfloor duct systems which comprises a body having an open upper

end and openings in the side walls for the reception of the ends of ducts, a top resting on said body to close the open upper end thereof and having an opening to the interior of the box, an upstanding flange surrounding said opening, and a cover for said opening including a collar enclosing said flange with a snug fit, means for supporting the collar in position rela-



tive to said flange, said means lying within the collar and flange when the cover is in position on said top, a cover member mounted on said collar enclosing the opening therethrough, and an outwardly extending flange on said collar lying in a plane transverse to the axis of said collar for supporting floor material adjacent said collar.

2,063,570

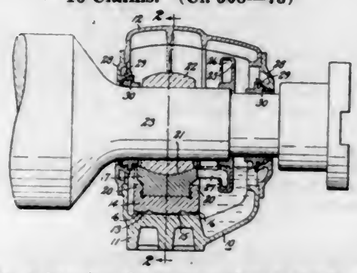
BEARING

August Gunnar Ferdinand Wallgren, Stockholm, Sweden, assignor to Aktiebolaget Nomy, Stockholm, Sweden, a corporation of Sweden

Application May 11, 1934, Serial No. 725,025

In Sweden May 22, 1933

16 Claims. (Cl. 308—73)



1. In a bearing for supporting a shaft which is subjected to a load acting always in substantially the same direction, a rotatable bearing ring having a spherical bearing surface secured to the shaft, a stationary bearing ring extending only part way around the shaft, a plurality of bearing blocks suitably supported by said stationary ring and having spherical bearing surfaces cooperating with the bearing surface of said rotatable ring, and a bearing housing having a cylindrical supporting surface, said stationary ring having an outer curved surface cooperating with said cylindrical surface whereby said stationary ring may have rolling movement with respect to said housing.

2,063,571

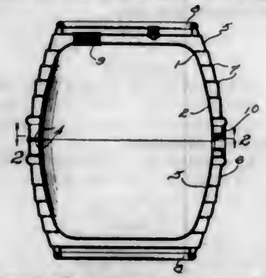
METAL BARREL

Charles H. Widman, Detroit, Mich., assignor to The Murray Corporation of America, a corporation of Delaware

Application August 9, 1933, Serial No. 684,293

4 Claims. (Cl. 220—15)

1. A metal barrel comprising a fluid container composed of a pair of like parts each having a continuous outwardly extending flange at its open end, said flanges having spaced outwardly extending lug portions and said flanges being welded to each other to provide a fluid tight joint between said parts, an outer shell comprising two like parts adapted to fit over said inner container in spaced relation thereto and having their edges at their open ends abutting said lugs on the flanges of said inner container at a point spaced outwardly from the edges of said flanges between



said lugs, said edges of said outer shell parts and the lugs on said flanges of said inner container all being secured together for securing said outer shell parts together and to said inner container.

2,063,572

PROCESS OF PREPARING EXPLOSIVE CHARGES

Clifford A. Woodbury, Media, and Philip G. Wrightsman, Chester, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application August 8, 1934, Serial No. 738,936

22 Claims. (Cl. 86—1)

1. In the process of preparing relatively high density explosive charges, the steps which comprise incorporating ammonium nitrate and a freezing point depressant, to produce a composition which has a relatively broad melting point range and heating to a temperature sufficient to liquefy a portion only of the ammonium nitrate with the freezing point depressant.

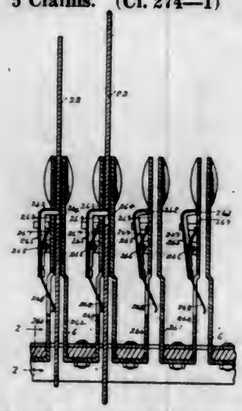
2,063,573

RECORD HOLDER FOR GRAPHOPHONES

Harry A. Yeider, Grand Rapids, Mich., assignor to Automatic Musical Instrument Company, Grand Rapids, Mich., a corporation of Michigan

Original application September 18, 1930, Serial No. 482,662. Divided and this application September 2, 1933, Serial No. 687,964

5 Claims. (Cl. 274—1)



2. A record holder comprising a pair of spaced upright plates, one of them having openings

therethrough, a lever pivotally mounted on said plate intermediate its ends having a finger at one end movable in one of said openings and into and out of the central hole of a disk record between the plates, and the other end of the lever having a spring abutting it and extending through another opening in the plate and between the plates in the path of a record inserted in the holder to move the said finger into the hole of the disk record.

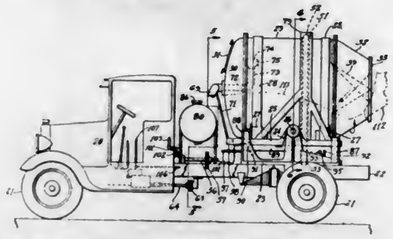
2,063,574

SELF-TILTING CONCRETE MIXER

Porter W. Yett, Portland, Oreg., assignor of one-half to Hugh P. Paris, Portland, Oreg.

Application October 7, 1932, Serial No. 636,636

5 Claims. (Cl. 83—73)



2. A self-tilting concrete mixing machine having in combination a tiltable frame having a transverse tilting axis, a mixing drum rotatably mounted in said frame, a reversible drive for said drum, said drum having spiral blades mounted around the interior thereof whereby materials will be moved to one end of the drum under one direction of rotation and to the opposite end of said drum under the opposite direction of rotation for the purpose of utilizing an unbalanced drum condition to produce a tipping action thereof, said machine being characterized by having the mixing drum free to pivot about the transverse axis of said tiltable frame intermediate its ends and in which the sole means for tilting the drum to a discharge position comprises the reversible drive and the spiral blades which cause the concrete to be moved to the discharge end of the drum to unbalance it and thereby cause it to tip same to a discharge position.

2,063,575

DISPERSING OF PHENOLPHTHALEIN IN MINERAL LUBRICATING OILS

Elmer Wade Adams, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana

No Drawing. Application March 31, 1934, Serial No. 718,529

8 Claims. (Cl. 87—9)

1. A method of dispersing phenolphthalein in mineral lubricating oil, comprising dissolving approximately 0.25 ounce of phenolphthalein in approximately one pint of normal butanol, introducing the solution thus formed into approximately 10,000 gallons of mineral lubricating oil and distributing the said solution throughout the said oil by blowing with air.

2,063,576

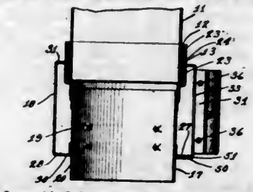
CUP DISPENSER

Rudolph Bares, Chicago, Ill., assignor to Dixie-Vortex Company, a corporation of Delaware

Application June 5, 1933, Serial No. 674,354

2 Claims. (Cl. 312—43)

1. In a dispenser for nested cups, a base comprising spaced concentric sleeves, the inner sleeve having a plurality of widely spaced inwardly projecting lugs in the same plane for supporting the cups, another set of similarly disposed lugs spaced below the first set, the outer sleeve being hollow



and split for tight cooperation with the inner sleeve, and formations on said sleeves to cover the space between said sleeves.

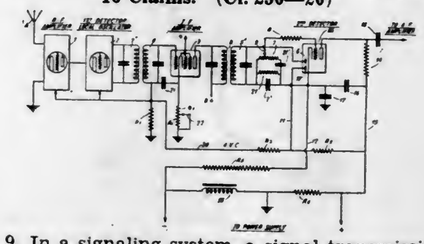
2,063,577

AUTOMATIC VOLUME CONTROL CIRCUIT

Loy E. Barton, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application December 16, 1933, Serial No. 702,714

10 Claims. (Cl. 250—20)



9. In a signaling system, a signal transmission tube having a cathode and control grid, a diode, means for maintaining the diode anode normally positive with respect to said transmission tube cathode, means for maintaining the control grid of the transmission tube normally at a desired operating negative bias with respect to the said cathode, means for causing said diode anode to become negative with respect to said cathode when signals are transmitted by said tube, and a direct current connection between said control grid and diode anode whereby the transmission efficiency of said tube is automatically regulated.

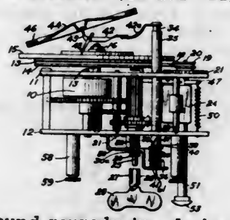
2,063,578

SOUND REPRODUCING APPARATUS

Arthur Berglund, Dobbs Ferry, N. Y.

Application October 18, 1934, Serial No. 748,793

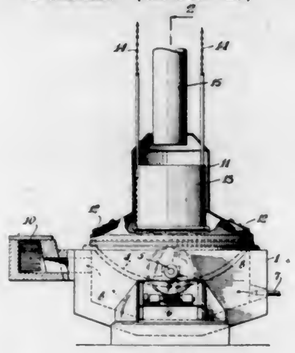
6 Claims. (Cl. 274—14)



5. In a sound reproducing device in combination, a frame comprising a spring motor having a winding spindle adapted to receive a winding key, a table rotatable by said motor, a sound record secured to said table, a solid arm pivotally supported at one end by a shaft journalled in said frame, a needle secured to said arm and adapted to cooperate with said record, a resonant diaphragm attached to the other end of said arm and supported entirely thereby, spring means to normally hold said needle in engagement with said record, means operable by the application of

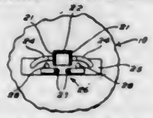
said key and temporarily nullifying the effect of said spring means for moving said shaft endwise and then revolving the same through a portion of a revolution for separating said needle from said record and moving said needle to starting position, means to normally restrain said table from rotation, and manual means to disable said restraining means.

2,063,579
FURNACE
Jesse O. Betterton, Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y., a corporation of New Jersey
Original application January 30, 1933, Serial No. 654,176. Divided and this application July 25, 1934, Serial No. 736,894
4 Claims. (Cl. 266—19)



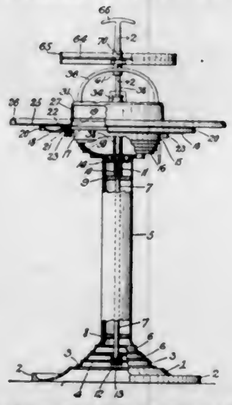
3. A volatilization furnace comprising the combination with a casing, of a melting and fuming kettle mounted in the casing adapted to receive a charge and to enable the surface of the charge to be swept with air, means for heating the kettle to melt the charge therein, a hood fitting over the kettle in close relation thereto and enclosing the rim thereof, air intakes in the hood positioned to admit sweeping currents of air directly over the surface of the charge in the kettle to promote fuming of volatile oxide products from the charge, said air intakes having adjustable means for controlling the amounts of air passing over the charge.

2,063,580
DISCHARGE LAMP FOR PRODUCING MODULATED LIGHT
Chester H. Braselton, New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J., a corporation of Delaware
Application July 26, 1932, Serial No. 624,722
7 Claims. (Cl. 176—122)



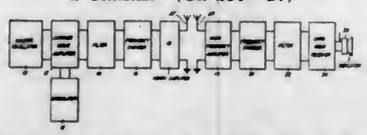
1. In a device of the class described a trough-shaped metallic cathode having closed sides and one open side, a looped anode positioned in close proximity to the open side of said cathode and conforming in contour to said cathode, and a mixture of neon and helium gases at a pressure less than five millimeters of mercury surrounding said anode and cathode, the open area of the anode being less than the area of the open side of the trough.

2,063,581
SMOKING STAND
William J. Campbell, Indianapolis, Ind., assignor to Climax Machinery Company, Indianapolis, Ind., a corporation of Indiana
Original application November 16, 1934, Serial No. 753,260, now Patent 2,000,920. Divided and this application May 10, 1935, Serial No. 20,720
2 Claims. (Cl. 131—51)



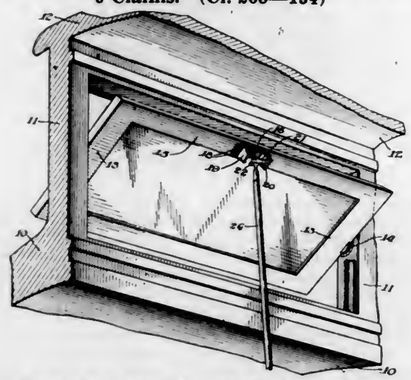
2. In a smoking stand including a base, an upstanding member mounted upon the base, a horizontally disposed annular shelf carried by the upstanding member, said shelf being generally trough-shaped in cross-section and designed to receive and retain cigarettes, ashes and the like, and a cover for said trough in the form of a removable tray member adapted to be supported on the shelf, said tray having a generally flat, horizontal supporting surface overlying said trough, said removable tray and said upstanding member being provided with cooperating flanges for the purpose of centering said tray with respect to the upstanding member and prevent tilting of the tray on the shelf, said tray being normally exposed for the support of a glass or like article thereon.

2,063,582
TRANSMITTER
Henri Chireix, Paris, France, assignor to Compagnie Generale de Telegraphie sans Fil, Paris, France, a corporation of France
Application February 2, 1932, Serial No. 590,347
In France February 5, 1931
2 Claims. (Cl. 250—17)



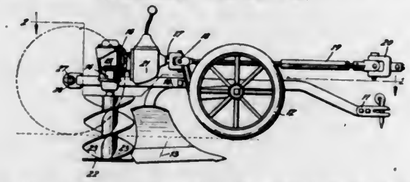
1. Transmitting means comprising, a generator of carrier waves, a modulator connected to said generator to modulate the waves generated therein, a load circuit, frequency changing means connected to said load circuit, and a filter circuit connected between said frequency changing means and said generator to transfer the modulated wave therefrom to said frequency changing means, the elements of said filter circuit being so dimensioned that the filter response is different for each sideband frequency and that the sum of the amplitudes of any upper sideband frequency and its corresponding lower sideband frequency will be substantially equal to the sum of the amplitudes of any other pair of sideband frequencies.

2,063,583
DECK SASH FIXTURE
George C. Christy, Chicago, Ill., assignor to The Adlake Company, a corporation of Illinois
Application June 24, 1935, Serial No. 28,048
6 Claims. (Cl. 268—134)



1. In a deck sash fixture, a flat base adapted to be fastened to the sash, spaced webs extending outwardly from the base, and a bar connecting the outer ends of said webs having an elongated concave upper edge adapted to receive the hooked end of an operating tool and guide said hooked end toward the center of the bar when the tool is pulled to open the sash and having an elongated concave lower edge for receiving thrust from a tool to close the sash and guide the engaged part of said tool toward the center of the bar.

2,063,584
SOIL MOVING MACHINE
Edgar V. Collins, Ames, Iowa, assignor to Iowa State College Alumni Association, Incorporated, Ames, Iowa, a corporation of Iowa
Application January 10, 1935, Serial No. 1,139
9 Claims. (Cl. 97—43)



1. A soil moving machine comprising a soil cutting and elevating member, and a soil throwing member formed with a helicoid blade, and means for rapidly rotating the blade in the direction for striking the soil from the cutting and elevating member and throwing it upwardly and laterally relative to the line of advance of the implement.

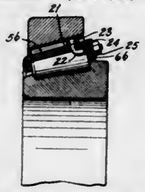
2,063,585
TOWEL ROD
Clark S. Comstock, Great Barrington, Mass.
Application March 10, 1936, Serial No. 68,002
8 Claims. (Cl. 211—124)

1. In combination, a rod having a longitudinal groove, a band encircling said rod and having its ends seated in said groove, a friction strip resting on said rod and extending longitudinally thereof,



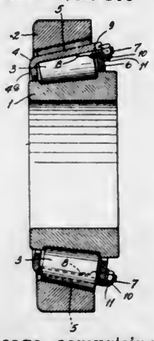
and means for adjustably attaching said friction strip to said band.

2,063,586
BEARING CAGE
William P. Cox, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio
Application February 21, 1935, Serial No. 7,490
2 Claims. (Cl. 308—218)



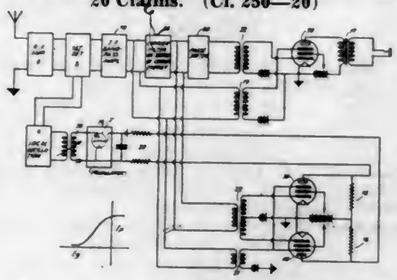
1. A bearing cage comprising an end ring, bridges integral therewith, a separate end ring mounted at the other end of said bridges, said bridges having holes near their ends, angle bolts extending through said holes with their ends projecting longitudinally beyond said bridges, said large end ring having holes through which said bolts extend and nuts for said bolts.

2,063,587
BEARING CAGE
William P. Cox, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio
Original application February 21, 1935, Serial No. 7,490. Divided and this application April 18, 1936, Serial No. 75,043
5 Claims. (Cl. 308—218)



1. A bearing cage comprising an end ring, bridges integral therewith, a separate end ring mounted at the other end of said bridges, radially offset members secured to said bridges inwardly of their ends and having threaded portions projecting longitudinally beyond the ends of said bridges, said separate end ring having openings receiving said threaded portions and nuts on said threaded ends holding said separate end ring in place.

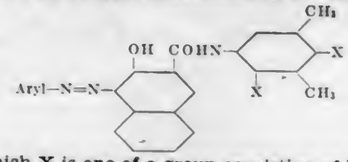
2,063,588
PHASE OR AMPLITUDE MODULATED WAVE DEMODULATOR
Murray G. Crosby, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application March 20, 1934, Serial No. 716,469
20 Claims. (Cl. 250—20)



1. Signal demadulating means to be used with a source of oscillations modulated in phase at signal frequency comprising, a thermionic detector having its anode electrode arranged to be connected with an indicating device, a circuit coupling said source of oscillations to a control electrode and the cathode of said detector, and a second circuit including a filter which passes energy of the mean frequency of said oscillations only and a phase shifter in series connecting said source of oscillations between an additional control electrode and the cathode of said detector.

2,063,589
WATER-INSOLUBLE AZO DYES AND THEIR PRODUCTION
Miles Augustinus Dahlen, Wilmington, Del., and Martin Edwin Friedrich, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 11, 1935, Serial No. 1,316
10 Claims. (Cl. 260—95)

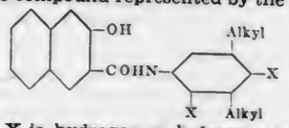
1. An azo dyestuff represented by the formula:



in which X is one of a group consisting of hydrogen and halogen.

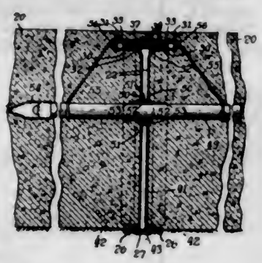
2,063,590
NAPHTHOIC ACID XYLIDIDES AND THEIR PRODUCTION
Miles Augustinus Dahlen, Wilmington, Del., and Martin Edwin Friedrich, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 23, 1935, Serial No. 32,722
15 Claims. (Cl. 260—124)

15. The compound represented by the formula:



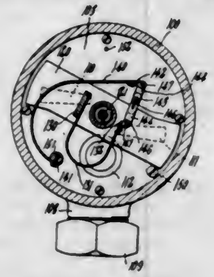
in which X is hydrogen or halogen, and alkyl is saturated and of the formula C_nH_{2n+1}.

2,063,591
PAVEMENT STRUCTURE AND JOINT THEREFOR
Leslie Day, Chicago, Ill.
Application November 16, 1934, Serial No. 753,258
19 Claims. (Cl. 94—18)



2. A joint for separate sections of a road pavement comprising two parts adapted to be rigidly secured to the respective pavement sections and connected together in a temporary manner and adapted to be disconnected to permit relative movement thereof by the first relative movement of the pavement sections.

2,063,592
THERMOSTATIC VALVE
Henry M. de Rochemont, Rockland, Maine
Application June 20, 1932, Serial No. 618,267
17 Claims. (Cl. 137—161)

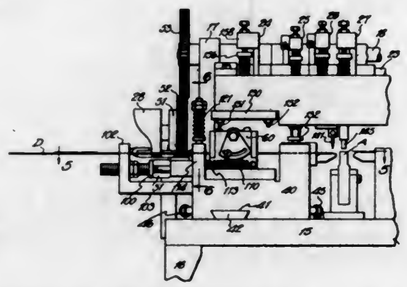


17. A casing having a wall provided with a port therethrough, a valve element pivoted to said wall to move across the face thereof and close or open said port, a looped thermostatic strip in said casing secured at one end to said valve and having its other end free to move from and toward the axis of said valve in response to temperature changes, said casing having a fluid inlet adjacent to said looped strip, a second thermostatic strip in said casing remote from said inlet and of slower response to temperature changes than said looped strip and having one end fixed, and a link connecting the free ends of said strips, said casing having a fluid connection to the opposite side of said port from said valve.

2,063,593
WIRE FEED FOR CHAIN MAKING MACHINES
Frederick A. Dieterich and Hermann Weinacker, Maplewood, N. J.
Application July 6, 1935, Serial No. 30,192
18 Claims. (Cl. 59—16)

1. In a chain making machine, a chain link forming mechanism, a plurality of wire feeding mechanisms adapted to feed a plurality of strands

of wire singly to said chain link forming mechanism, and means for moving said wire feeding

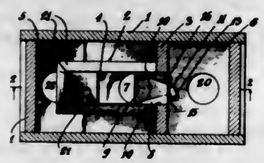


mechanisms singly into alinement with the chain link forming mechanism.

2,063,594
SULPHURIC ACID ESTERS OF INDANTHRONE
David Alexander Whyte Fairweather, Falkirk, and John Thomas, deceased, late of Polmont, Scotland, by Olive Morgan Thomas, Wilmslow, England, and Barclays Bank Limited, Manchester, England, executors, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Orginal application April 16, 1931, Serial No. 530,724. Divided and this application June 10, 1935, Serial No. 25,939. In Great Britain April 16, 1930
4 Claims. (Cl. 260—31)

1. As an improved dyestuff, useful in dyeing textile materials by the processes in which the development of final color is by acid hydrolysis and self-oxidation, the azine disulphuric esters of a reduced indanthrone, said azine di-esters reacting with dilute mineral acids to form dianthraquinone dihydroazine compounds.

2,063,595
STOCK REGULATOR
William P. Feeney, Appleton, Wis.
Application October 10, 1935, Serial No. 44,365
8 Claims. (Cl. 92—46)

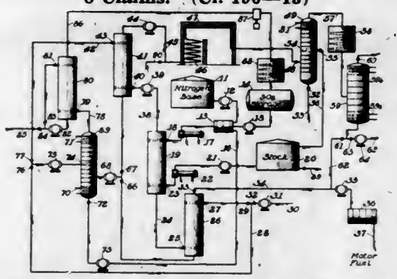


1. A device for regulating the flow and consistency of stock under initial pressure to a paper making machine, comprising an inner and outer box, the latter being appreciably larger and greater in depth, one of said boxes constituting an inlet compartment for stock under initial pressure, the other constituting an overflow compartment as the stock flows over the upper edges of said inner box, said outer box also being divided into a delivery compartment, a restricted passage leading from said inlet compartment to said delivery compartment said passage being controlled as to its size by an adjustable valve.

2,063,596
THERMAL TREATMENT OF CARBON COMPOUNDS
Paul Feiler, Ludwigshafen-on-the-Rhine, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application February 13, 1933, Serial No. 656,630. In Germany February 19, 1932
2 Claims. (Cl. 196—133)

1. In the thermal treatment of fluid hydrocarbons under carbon forming conditions, the step of heating said hydrocarbons in a vessel having metallic walls lined with a metal coating which is prepared by decomposing within the body of the vessel a vaporized compound of said metal, whereby the formation of carbon in such thermal treatment is substantially lessened.

2,063,597
GASOLINE EXTRACTION
Ogden Fitz Simons and Frank Cutshaw Croxton, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application June 29, 1933, Serial No. 678,112
8 Claims. (Cl. 196—13)

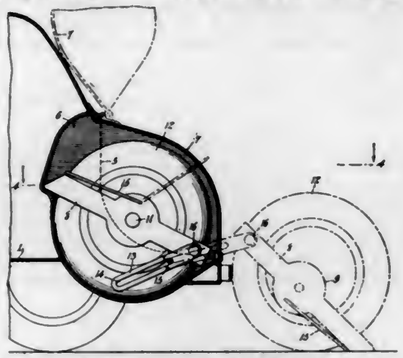


1. The method of producing a high antiknock motor fuel from a motor fuel stock containing a substantial amount of olefinic hydrocarbons boiling between about 250° F. and about 400° F., comprising extracting said stock with a substantial amount of a solvent comprising a substantial amount of a heterocyclic nitrogen base and a substantial amount of liquid sulfur dioxide, forming an extract phase containing a substantially higher concentration of said olefinic hydrocarbons than said stock and a raffinate phase containing a substantially lower concentration of said olefinic hydrocarbons than said stock, separating said extract and raffinate phases from each other, and removing said heterocyclic nitrogen base and liquid sulfur dioxide from each of said phases.

2,063,598
SPARE WHEEL MOUNT
Charles L. Franklin, Brooklyn, N. Y.
Application March 25, 1936, Serial No. 70,728
1 Claim. (Cl. 296—37)

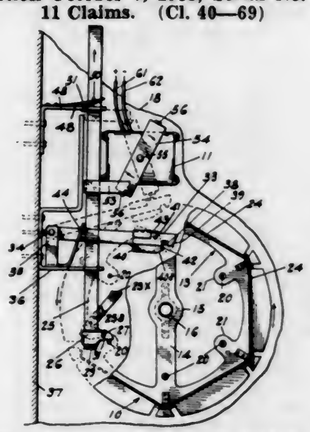
The combination with an automobile having a wheel compartment, of a wheel-receiving frame adapted to be swung into and out of said compartment, and comprising a pair of parallel bars connected at their ends by shorter bars and spaced apart a distance sufficient to receive a wheel between them, one of the shorter bars disposed at an angle which permits the same to rest flat on the ground and allow a wheel to be easily rolled over the same into or out of the frame, means

intermediate the ends of the frame to engage a wheel hub and couple the wheel to the frame, and links pivotally connecting the frame to the auto-



mobile and which permit the wheel frame to be turned over to deposit a wheel in the compartment or remove the wheel therefrom.

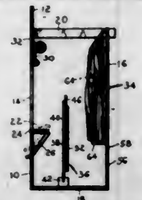
2,063,599
ROTARY DISPLAY DEVICE AND OPERATING MEANS THEREFOR
Clarence C. Gilman, Alhambra, Calif.
Application October 7, 1935, Serial No. 43,861
11 Claims. (Cl. 40—69)



1. The combination, with a rotary member provided with teeth spaced circumferentially in relation to its axis of rotation, said rotary member having segmental portions carrying matter to be displayed; of a vertically reciprocatory striker member which derives its force of impact from impetus derived from a free fall engendered by gravity, said striker member carrying a pawl which forcibly strikes said teeth when said striker member freely gravitates downwardly through a predetermined fall, and which is adapted to glide freely over said teeth when said striker member rises, and means to intermittently raise said striker member against gravity and then release it to drop by gravity to impart a step by step rotation to said rotary member.

2,063,600
AMUSEMENT APPARATUS
Evelyn Gustafsson, New York, N. Y.
Application March 18, 1935, Serial No. 11,559
7 Claims. (Cl. 46—13)

1. An amusement apparatus comprising a miniature theatre having a front wall provided with a stage opening, a rear wall spaced from said front wall, and a floor between said front and rear walls disposed a substantial distance below



said stage opening, said rear wall having a longitudinal opening therein located adjacent said floor behind the portion of said front wall which is below said stage opening.

2,063,601
SPARKLER
August Hummel, New York, N. Y.
Application August 15, 1934, Serial No. 739,856
6 Claims. (Cl. 86—1)

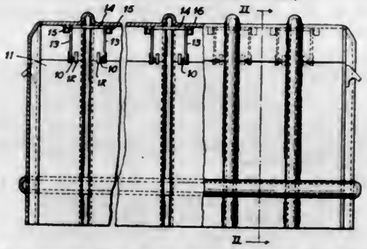


1. A pyrotechnic sparkler comprising a wire having a slurry solidified thereon, consisting of aluminum powder, barium nitrate and iron filings, bonded by a binder and extending along part of the length of said wire, said slurry having a non-aqueous, non-hygroscopic substantially waterproof coating film thereon, said coating comprising mono-nitro-cellulose, a solvent carrier therefor and a pigment, said pigment comprising at least one of weight less than 10 per cent the total weight of the lacquer.

2,063,602
STABILIZATION OF ANIMAL AND VEGETABLE FATS AND OILS
James K. Hunt and George H. Latham, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 15, 1935, Serial No. 6,644
20 Claims. (Cl. 87—9)

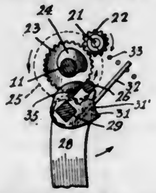
1. Compositions comprising animal and vegetable fats and oils having incorporated therein a sugar amine compound in which the sugar radical contains at least 5 carbon atoms one carbon atom being singly bonded to the amino nitrogen and to carbon and hydrogen solely, in an amount sufficient to inhibit deterioration of the fats and oils on storage.

2,063,603
ANNEALING BOX
Percy E. Hunter and Kenneth J. Deahl, Pittsburgh, Pa.; said Deahl assignor to said Hunter
Application September 14, 1935, Serial No. 40,602
5 Claims. (Cl. 263—49)



1. An annealing box having sides, ends and a roof formed of metal, a tie bar within the box and having its ends welded to opposite sides of the box adjacent to the points of juncture thereof with the roof, an upwardly-extending strut carried by said tie bar intermediate its ends in position to supportingly engage the roof, and means depending from the roof and slidably engaging the upper end of said strut, for maintaining said strut against lateral shifting movement.

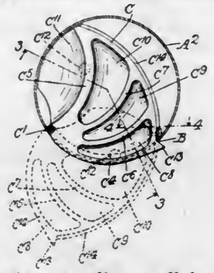
2,063,604
ELECTRIC BELL
Joseph Adelard Willie Jacob and Leonard Bayne Temple, Montreal, Quebec, Canada
Application April 2, 1936, Serial No. 72,472
1 Claim. (Cl. 74—54)



A mechanism of the character described comprising a supporting structure, a main shaft carried thereby, means for rotating said shaft, a second shaft carried by said supporting structure, an arm carried by said second shaft, a slotted member on said second shaft, a disc and pin carried by the first shaft, said pin being adapted to enter said slotted member to turn said second shaft and arm, a spring adapted to be tensioned by the turning of said second shaft by said pin, whereby said spring causes said second shaft and arm to return on removal of said pin from said slotted member, said slotted member having also a cam surface, and a cam carried by the main shaft and engageable with said surface to retain said slotted member for entry of said pin therein.

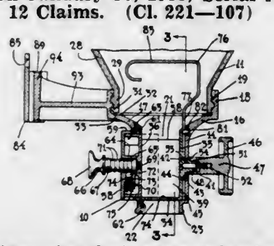
2,063,605
MEASURING DEVICE
Peter A. Janssens, Chicago, Ill.
Application August 9, 1934, Serial No. 739,064
3 Claims. (Cl. 221—105)

1. In a dispensing device, a container, a dispensing member movably associated therewith, and normally positioned within the container, said dispensing member being formed with a plurality of dispensing portions of predetermined volumetric capacities, said dispensing member including bounding portions defining said dispensing portions, the container being apertured in line with the movement of the dispensing member into and out of the interior of the container, said bounding portions being of the same cross sectional area as said aperture, said dispensing member being pivoted to the container for rota-



tion about an axis generally parallel with the long axis of the container, said aperture being of a length substantially equal to the radius of the dispensing member, the opposite edges of said dispensing member being at all times in closing contact with the ends of said aperture.

2,063,606
DISPENSING DEVICE
Ansgarius Hezekiel Johnson, Minneapolis, Minn.
Application January 30, 1935, Serial No. 4,029
12 Claims. (Cl. 221—107)

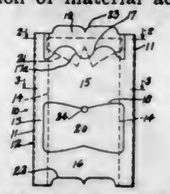


1. In a dispensing device, a case having a cylindrical bore, said case being open at one end and having an end wall at its other end, a drum within said case adapted to turn about its longitudinal axis, said drum being constructed with a cylindrical wall, a head at one end fast to said cylindrical wall and a head at its other end movable toward and from said first named head and forming in conjunction with said cylindrical wall and first named head a pocket in said drum opening laterally through said cylindrical wall, means extending through said end wall of the case for turning said drum, an end bell secured to the open end of said case, a plunger concentrically disposed with respect to the axis of said drum and mounted for axial movement in said end bell, said movable head being carried by said plunger, means forming an inlet in said case communicating with said pocket when the drum is in one position, and means forming an outlet in said case communicating with said pocket when the drum is in another position.

2,063,607
TUBULAR ARTICLE
Benton B. Kendig, Philadelphia, Pa., assignor to Wescott Products Corp., Brooklyn, N. Y., a corporation of New York
Application October 19, 1935, Serial No. 45,739
9 Claims. (Cl. 229—87)

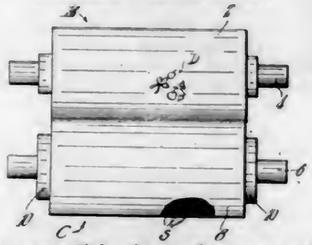
2. A tubular article of sheet material having a wall comprising a panel and flanges folded to-

ward each other upon said panel, said panel having a continuous opening overlapping said flanges, a section of material adapted to fit in



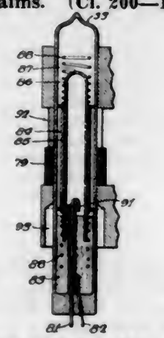
said opening, said section being adhesively secured to said flanges separately of the first named panel to form a companion panel for the first named panel.

2,063,608
ROLL
Archibald C. Lade, Northampton, Mass., assignor to B. F. Perkins & Son, Inc., Holyoke, Mass., a corporation of Massachusetts
Application May 25, 1934, Serial No. 727,391
Renewed May 18, 1936
2 Claims. (Cl. 101—407)



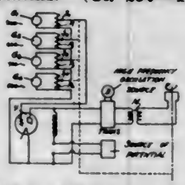
1. As a new article of manufacture, a roll of the class described for coacting with an embossing roll comprising in combination, a horizontal shaft and a relatively resilient body on said shaft including a plurality of superposed disc-like sections of fibrous material impregnated with rubber latex which are compressed together and disposed on said shaft vertically relative thereto.

2,063,609
MERCURY SWITCH RELAY
Carl H. Larson, Elkhart, Ind., assignor to The Adlake Company, a corporation of Illinois
Application March 24, 1936, Serial No. 70,602
6 Claims. (Cl. 200—112)



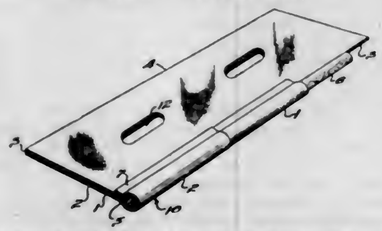
1. In a mercury switch relay, a coil, an iron circuit associated with the coil including top and bottom pole pieces provided with alined apertures, a mercury switch mounted in said apertures and comprising a switch enevelope, a mercury fill, spaced electrodes in the envelope, and a mercury displacer movable in response to the iron circuit for changing the condition of the electrical circuit through the electrodes, and means for minimizing the effect of residual magnetism in the iron circuit, said means including a counterbore in one of the pole pieces.

2,063,610
SIGNALING SYSTEM
Alfred Aubyn Linsell, London, England, assignor to Radio Corporation of America, a corporation of Delaware
Application July 27, 1933, Serial No. 682,415
In Great Britain July 28, 1932
9 Claims. (Cl. 250—11)



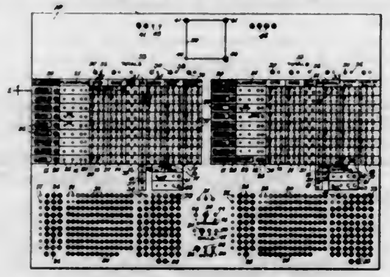
1. A radio beacon system comprising means for radiating a continuously rotating beam of carrier wave energy, means for simultaneously generating a plurality of different modulating frequencies, means for modulating the radiated carrier wave energy by a combination of two of said modulating frequencies, in a strength ratio dependent upon the instantaneous position of the beam and receiving means including a cathode ray tube having a fluorescent screen and horizontal and vertical deflecting circuits operative in dependence upon the relative strengths of said modulating frequencies for producing an indication upon said screen.

2,063,611
WELT
William J. MacLeod, Detroit, Mich., assignor to Backstay Welt Co., a corporation of Indiana
Application October 11, 1935, Serial No. 44,562
1 Claim. (Cl. 280—152)



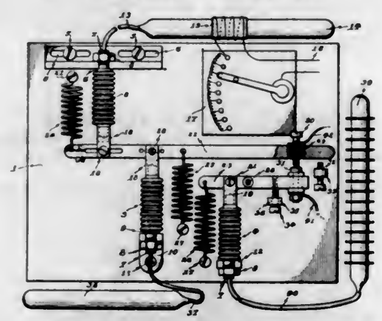
An antisqueak strip for use between metal parts comprising a layer of coarse fabric of substantial thickness impregnated with a permanently resilient tacky material, a cord positioned along one edge of the fabric out of contact with the faces of the fabric, and a layer of oilcloth adhesively secured to said fabric by said tacky material, said oilcloth being coextensive with one side of the fabric and extending around said cord into overlapping relation with the opposite side of the fabric and being adhesively secured thereto by said tacky material, said oilcloth having its coated surface exposed, and the opposite side of said fabric layer having a substantial exposed area.

2,063,612
BASEBALL SCORING DEVICE
Frank Marshall and Roy M. Organ, Girard, Ill.
Application December 20, 1934, Serial No. 758,487
5 Claims. (Cl. 116—120)



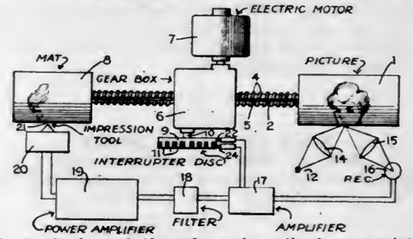
1. A scoring device comprising a board, a series of player-name plates, means on the board to removably retain said plates in a definite order on the board, said board having groups of holes therein in alinement with each of said plates as retained on the board, each group of holes being appropriately designated by means on the board to denote various performances of a player, a plurality of scorers each having suitable scoring indicia, said scorers being designed for disposition in certain of said holes to score the performance of each player during the progress of a game, means on the board to removably retain player-name plates of pulled players, and additional means on the board to removably retain pinch-hitter player-name plates.

2,063,613
HEAT REGULATION FOR BUILDINGS
Elmer T. McCarthy, Chicago, Ill., assignor to Klipfel Manufacturing Company, a corporation of Illinois
Application April 26, 1935, Serial No. 18,375
17 Claims. (Cl. 236—91)



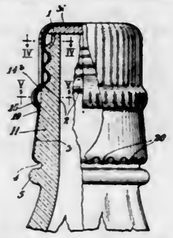
1. Thermostatic control means for heating systems comprising an operating lever system and a plurality of expansion elements having connections with said lever system for setting it differentially in accordance with differential operations of said expansion elements, a bulb containing an expansible fluid for each of said expansion elements and having a tubular connection with its respective expansion element and means for rendering one of said expansion elements ineffective for controlling the supply of heat to the space to be heated when the temperature in said space is above a desired normal value.

2,063,614
METHOD AND APPARATUS FOR MAKING PRINTING PLATES
Maynard D. McFarlane, New York, and Gabriel Kinn, Hempstead, N. Y., assignors to Mackinner Corporation, New York, N. Y., a corporation of New York
Application December 14, 1931, Serial No. 580,988
5 Claims. (Cl. 178—5)



1. A device of the class described comprising a drum carrying an original, a second drum carrying a work plate, a reciprocating punch impression member, means to scan the original and produce an alternating electrical current which varies in accordance with the light and shade of successive elemental areas of equal size along a scanned line on the original, and means to operate said reciprocating punch impression member in response to said current to indent said work plate whereby each indentation represents an elemental area on the original, said current controlling the operation of said punch member to cause the depth of said indentations to be in accordance with the light tone of the corresponding elemental area on the original and the reversals of current quickly withdrawing the impression member from engagement with the work plate.

2,063,615
RECEPTACLE AND CLOSURE THEREFOR
Augustus L. Merolle, Brooklyn, N. Y., assignor to Empire Metal Cap Co., Inc., Brooklyn, N. Y., a corporation of New York
Application August 28, 1934, Serial No. 741,809
7 Claims. (Cl. 215—43)



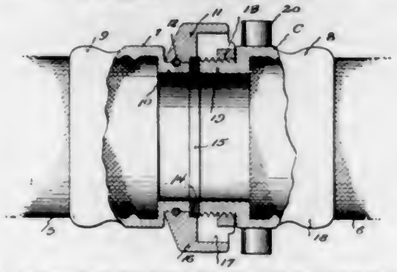
4. A receptacle closure consisting of a cap member and a shell member, each of said members having a top wall portion formed with a marginal skirt thereon, the cap member being nested within the shell member and its skirt being shorter than the skirt of the shell member, the lower portion of the skirt of the cap member having an outstanding annular rib thereon and the skirt of the shell member at a point intermediate the length thereof having an annular seat interiorly thereof within which said rib tightly engages to fix the two members against relatively longitudinal movement, the material forming said rib and said seat being vertically corrugated in mating relation thereby locking the two members against relative rotary movement, the portion of

the skirt of the cap member above its region of fixture with the shell member being formed with threads therein for engaging the receptacle, another portion of the skirt of the cap member above said region of fixture standing in engagement with an adjacent portion of the skirt of the shell member and said two engaging skirt portions being vertically corrugated in mating relation thereby further locking the two members against relative rotary movement, and the portion of the skirt of the shell member below said region of fixture having closure holding means thereon to engage the receptacle.

2,063,616

HOSE COUPLING DRAIN

Seth M. Meyer, West Bend, Wis.
Application September 30, 1935, Serial No. 42,849
2 Claims. (Cl. 285—120)



1. A coupling for hose for permitting the draining of water therefrom, comprising a female section including a rotatable nut, a sealing gasket in said nut, and radially extending lugs formed on the nut provided with drain passageways opening out through the exterior of the coupling and longitudinally thereof and communicating with the interior of the coupling in advance of the gasket, and a male section including a threaded collar for reception in said nut, the collar being adapted to close the drain openings and engage the sealing gasket when said sections are tightly coupled.

2,063,617

SPREADER CAP FOR ADHESIVE CONTAINERS

George E. Nealand, Newburyport, Mass., assignor to The Carter's Ink Company, Cambridge, Mass., a corporation of Massachusetts
Application November 18, 1935, Serial No. 50,254
3 Claims. (Cl. 91—67.5)

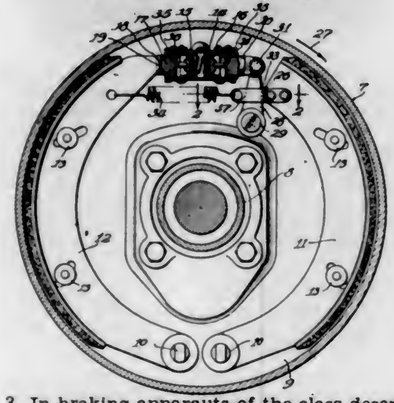


3. A spreader cap for adhesive containers applicable to the open end of said containers and comprising a substantially inflexible chambered body, a tip in top extension from the back of said body and backwardly bendable thereon, said body and tip having conjoint spreading surfaces, said body having a slit in it in that portion of the body having its spreading surface, said slit being centrally arranged with extension normal to the axis of the cap, and located adjacent the base portion of the tip below the top of the chamber in said body, said portion of the cap within which the slit is contained being relatively thin whereby the slit may be opened by raising its upper lip through stretching of the material adjacent said slit on bending said tip, the portion of said body below said slit gradually decreasing in thickness towards the lower lip of the slit.

2,063,618

BRAKING APPARATUS

Wallace F. Oliver, Detroit, Mich., assignor to Hydraulic Brake Company, Detroit, Mich., a corporation of California
Original application December 31, 1931, Serial No. 584,037. Divided and this application December 23, 1932, Serial No. 648,526
5 Claims. (Cl. 188—152)

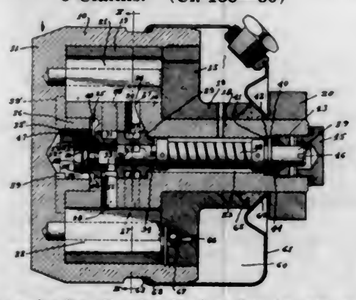


3. In braking apparauts of the class described, the combination of a rotatable member, forward and reverse shoes adapted to be brought into engagement therewith, means for applying said shoes, said means being directly connected to said reverse shoe, a non-yielding force multiplying connection between said applying means and said forward shoe, and a single spring connected to said shoes for moving the same away from said rotatable member.

2,063,619

HYDRAULIC SHOCK ABSORBER

Ralph F. Peo, Buffalo, N. Y., assignor to Houde Engineering Corporation, Buffalo, N. Y., a corporation of New York
Application January 24, 1935, Serial No. 3,233
5 Claims. (Cl. 188—89)



1. In a hydraulic shock absorber, a casing providing high and low pressure hydraulic working chambers, a piston structure comprising a hub and a shaft extending therefrom, said hub having vanes thereon for displacing the hydraulic fluid in said chambers, said hub and shaft having an axial bore extending therethrough, passageways in said hub communicating with said working chambers, a bushing seated in the hub end of said bore to be interposed between said passages, a valve operable in said bushing to control the flow of fluid from the high pressure to the low pressure chambers, thermostatic means in the shaft end of said bore for automatically controlling said valve, and another valve in said bushing operable to control the flow from the low pressure to the high pressure chambers.

2,063,620

CELLULOSE ESTER COMPOSITIONS

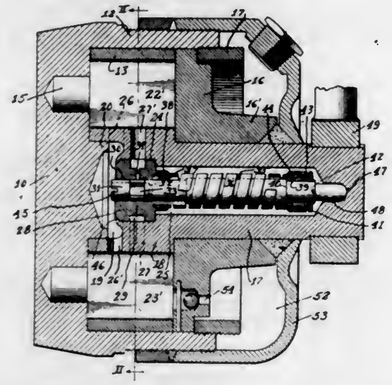
Hans Persiel, Gerhard Balle, Franz Grom, and Rudolf Semmig, Frankfort-on-the-Main, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application November 1, 1934, Serial No. 751,098. In Germany November 11, 1933
5 Claims. (Cl. 106—40)

1. A composition of matter comprising a cellulose ester component and a softening agent, said cellulose ester component consisting predominantly of organic acid esters, said softening agent comprising a condensation product of an ether-dicarboxylic acid with a polyhydric alcohol including the ethers of the alcohol having more than free hydroxyl group, in sufficient proportion to impart elasticity, resistance to tearing, and resistance to creasing to a film formed of said composition.

2,063,621

THERMOSTAT VALVE STRUCTURE

Adolph Peteler, Freeport, N. Y.
Application September 20, 1935, Serial No. 41,354
13 Claims. (Cl. 188—100)

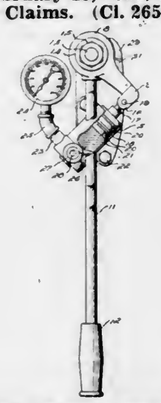


1. A unitary valving assembly for hydraulic shock absorbers comprising a bushing having a cylindrical bore and having a port, a valve journalled in said bore for rotary movement therein and having a port for cooperating with the bushing port, a stem extending from said valve, and a thermostat element surrounding said stem and anchored at one end to said bushing and connected at its other end with said stem.

2,063,622

PRESSURE INDICATING WRENCH

Karl Pfeiffer, Detroit, Mich.
Application February 15, 1934, Serial No. 711,325
2 Claims. (Cl. 265—1)



1. An indicating wrench including an element engaging portion having a portion adapted to engage an element to be rotated, said element engaging portion having a cylinder secured thereto, the axis of the cylinder being disposed substantially tangential to a circle whose center lies in the axis of said element engaging portion, an operating handle pivotally connected to said element engaging portion coaxially therewith, a piston in said cylinder operatively connected with said handle and a fluid pressure gauge communicating with the interior of said cylinder to register the torque applied to said element engaging portion by said handle.

2,063,623

PRODUCTION OF LUBRICATING OIL

Mathias Pier, Heidelberg, and Ernst Donath, Mannheim, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application March 23, 1934, Serial No. 717,074. In Germany March 28, 1933
12 Claims. (Cl. 87—9)

1. The process of producing lubricating oils from waxy materials in a single operation which comprises heating a material, having a molecular weight of at least 250 and selected from the class consisting of hard and soft paraffin waxes, under elevated pressure and in the presence of a catalyst having a dehydrogenating action and a condensing action at a temperature above 200° C., the degree and duration of the heating being so adapted to the initial material and to the pressure that the reaction product contains a substantial amount of constituents which boil above 200° C. in vacuo and of which the hydrogen content is only slightly less than that of the initial material.
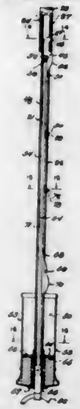
2,063,624

UMBRELLA

Louis Raab and Henry Karcher, Milwaukee, Wis.
Application December 30, 1935, Serial No. 56,735
2 Claims. (Cl. 135—46)

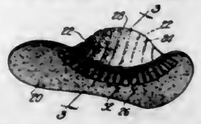
1. In a collapsible umbrella, a central telescoping rod including inner and outer sections, a handle connected with the outer end of the inner rod section, means for preventing the telescoping of the rod sections when the same are in their extended position, including a spring-

pressed latch having a latch nose and a rounded manipulating portion extending through a slot in the inner rod section, the outer rod section having a keeper notch for receiving said latch



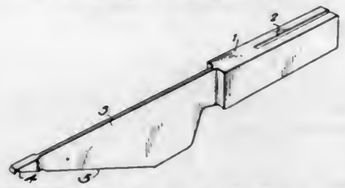
nose, means for preventing relative turning movement of the rod sections, and an operating bar pivotally and slidably connected to the latch disposed within the inner rod section and extending through and outward of said handle.

2,063,625
ARCH SUPPORTER
Joseph Ruig Rigandi, Westerleigh, N. Y.
Application December 11, 1935, Serial No. 53,862
17 Claims. (Cl. 36—71)



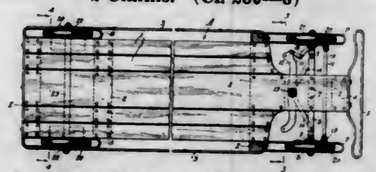
1. An arch supporter for shoes comprising a main body portion, said body portion having a plurality of slits extending inwardly from one edge thereof to permit of distortion of the main body portion to provide therein an upstanding area, and a slitted reinforcing member secured to said body portion and arranged with its slits opposed to the slits of the main body portion to permit it to conform to the distorted area of the body portion.

2,063,626
BOX ENDING TOOL
Alfred L. Rosenmund, Rockaway, N. J., assignor to Stapling Machines Co., a corporation of Delaware
Application November 8, 1934, Serial No. 752,075
5 Claims. (Cl. 140—117)



1. A tool for hooking a wire bight on one box part over a wire on another box part comprising, a handle portion and a blade extending therefrom; the blade at its extremity having a shallow depth and being provided with a hook on each edge, and the blade at a point relatively remote from its extremity having a substantial depth whereby the portion having a substantial depth may serve as a fulcrum for the extremity of the blade.

2,063,627
COMBINED WAGON AND SLED
Frank G. Ruf, New York, N. Y.
Application August 14, 1935, Serial No. 36,192
2 Claims. (Cl. 280—8)



1. A combined wagon and sled including a double platform, a front axle extending through the double platform, a rear axle extending through the double platform, knuckles pivotally connected to the front axle, hollow runners rigidly connected to the knuckles, a crank arm on one of the knuckles, a steering bar extending through the platform pivotally connected thereto intermediate its ends and connected at one end to the crank arm and wheels partially housed in the runners, a link pivotally connecting the forward runners in advance of the forward axle and angular braces connected to the forward axle embracing the pivot of the steering bar.

2,063,628
PROCESS FOR TREATING FRUITS
Helen Rea Rutledge, Rockford, Ill.
No Drawing. Application July 28, 1933, Serial No. 682,665
20 Claims. (Cl. 99—103)

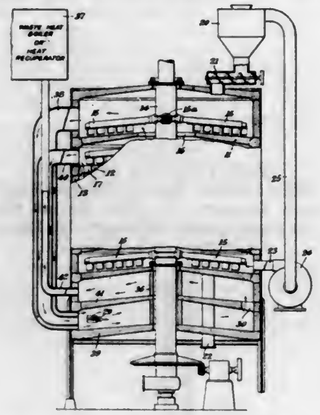
1. A process for ripening citrous fruits comprising subjecting the immature fruit to the action of an unsaturated hydrocarbon gas, in concentration greater than one part in 1000 parts of air, to increase the solid to acid ratio of the fruit.

2,063,629
ESTERS OF THE THIO ACIDS OF PHOSPHORUS
Paul L. Salzberg, Wilmington, and James H. Werntz, Marshallton, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 19, 1935, Serial No. 7,216
22 Claims. (Cl. 260—99.20)

1. An aliphatic ester of a thio-acid of phosphorus in which at least one aliphatic radical contains at least 10 carbon atoms.

2,063,630
DRYING AND INCINERATING OF SEWAGE, GARBAGE, ETC.
Frederick B. Schilling, Bayside, N. Y., assignor to Nichols Engineering & Research Corporation, New York, N. Y., a corporation of Delaware
Application April 7, 1933, Serial No. 664,884
Renewed July 11, 1936
15 Claims. (Cl. 110—15)

7. In combination, an incinerator furnace for treating sewage, garbage or the like waste material, said furnace including a number of incinerating hearths, an additional chamber in said furnace and means for heating the same for supplying high temperature treatment to the furnace exit gases to substantially eliminate odors there-

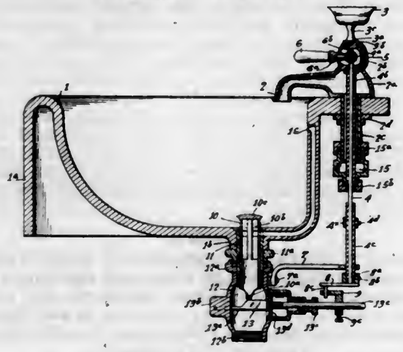


from, conduit means extending from the furnace gas exit to said chamber, and additional conduit means leading from said chamber, the said two conduit means being arranged in heat interchanging relationship.

2,063,631
DIAZO COMPOUNDS AND A PROCESS OF PREPARING THEM
Maximilian Paul Schmidt, Wiesbaden-Biebrich, and Rudolf Zahn, Wiesbaden, Germany, assignors to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany, a corporation of Germany
No Drawing. Application May 22, 1933, Serial No. 672,346. In Germany May 23, 1932
30 Claims. (Cl. 260—2)

28. The condensation products of aromatic diazo compounds with organic compounds containing a reactive carbonyl group.

2,063,632
LAVATORY DRAIN VALVE
Frank H. Schneider, Louisville, Ky.
Application April 24, 1933, Serial No. 667,635
3 Claims. (Cl. 4—201)



1. In a lavatory fixture of the kind described, having a bowl provided with overflow and bottom waste-vents and having water-pipes with controlling valves: a drain-valve comprising, a stationary, cylindrical valve-casing having a flange-head and waste openings on either side adapted for the passage of the overflow water and provided with exterior screw-threads to engage other parts, said casing being fitted water-tight in the bottom waste-vent of the bowl; lock-nuts to fasten said casing to the bowl; a hollow, cylindrical waste-valve slidably installed in said casing and adapted with a cap-gate on its top to stop the water in the bowl when the waste-valve is down in its closed position and with longitudinal side-sluices to allow the ingress of waste-water from the bowl when the valve is raised up in its normal open position and also to allow the overflow-water to pass on when said valve is normally closed, and designed with two diametrically opposite contact-cams on its lower end, integral with the sides thereof to aid in the normal operation of the waste-valve; a cam-tappet housing screwed to the lower end of said casing and provided with an integral knob on its front side and a threaded opening with a hollow nipple attached therein on its back side; double cam-tappets horizontally installed parallel to each other in said housing on a common header adapted to be moved back and forth in said hollow nipple by means of a sliding shaft attached thereto and extending out through the back end of said nipple, said cam-tappets having their front ends slidably supported in said knob and their back ends rigidly fixed to said header and adapted to strike operatively the contact-cams on the lower end of said sliding waste-valve, raising the valve to open it, as the cam-tappets are moved forward, thus affording a full, clear passage way, for the waste-water and inter-mingled lint; and a waste-valve handle and coacting mechanism adapted to actuate said sliding shaft back and forth to close and open said waste-valve, as described.

2,063,633
STITCH-DOWN SHOE
Harvey A. Scholz, Milwaukee, Wis.
Application August 21, 1935, Serial No. 37,180
14 Claims. (Cl. 12—142)



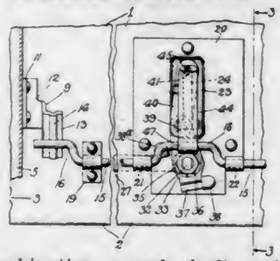
1. As a new article of manufacture, a middle sole for a stitched-down shoe having the heel portion thereof provided with slits adjacent to the margin of the sole member to define a restricted heel seat and inwardly bendable side pieces for movement over the restricted heel portion toward its longitudinal center.

9. That improvement in the art of making shoes which comprises lasting and securing an upper directly to a sole member, said upper having its marginal portions from the heel breast line forwardly turned outwardly and from the heel breast line rearwardly turned inwardly, securing side pieces integrally connected with the sole member over the inturned marginal portions of the upper, fitting a cushion between the side pieces, laying a welt upon the outturned portion of the upper, and securing an outsole to said sole member, upper, and welt at the outturned portion of the upper and from the heel breast line rearwardly to the side pieces and the filler.

2,063,634
DIANTHRAQUINONYL DICARBOXYLIC ACIDS AND THE PROCESS FOR PREPARING THE SAME
Cecil Shaw, Grangemouth, Scotland, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application October 15, 1935, Serial No. 45,161. In Great Britain October 19, 1934
5 Claims. (Cl. 260—57)

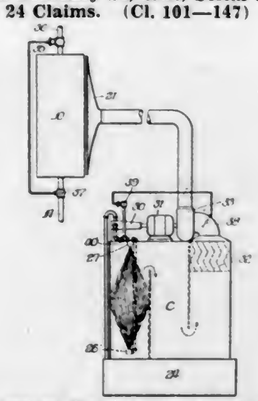
1. 2,2' - dianthraquinonyl - 1,1' - dicarboxylic acid.

2,063,635
HOOD LATCH
Carl A. Sigel, Chicago, Ill., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application May 9, 1936, Serial No. 78,765
13 Claims. (Cl. 292—214)



1. In combination, a rock shaft, and bearing means therefor, a crank offset formed in said rock shaft, a handle and bearing means therefor, said handle being rotatable about an axis generally perpendicular to the axis of rotation of the rock shaft, a handle crank associated with said handle, a link pivoted to said handle crank, a link pivoted to the crank offset of the rock shaft, and a pivotal connection between the outer ends of said links.

2,063,636
METHOD OF AND MEANS FOR DAMPENING PRINTING PLATES
Burt D. Stevens, Evanston, and Benjamin L. Sites, Chicago, Ill., assignors to The Miehle Printing Press & Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application February 24, 1932, Serial No. 594,954
24 Claims. (Cl. 101—147)



1. In a system for dampening printing plates by condensation, the combination with a printing plate support, of means for supplying a cooling medium thereto for the purpose of reducing the temperature of said support below the dew point of the air surrounding said support, means for controlling the temperature of said support by automatically varying the volume of cooling medium supplied to said support depending on the temperature of the cooling medium returning from said support, and means for supplying air in a desired condition to the printing surface on said support for producing a film of moisture thereon of desired character.

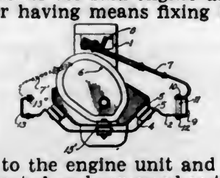
2,063,637
MECHANICAL PENCIL
Max Stössel, Zurich, Switzerland
Application January 22, 1936, Serial No. 60,290
In Switzerland February 13, 1935
2 Claims. (Cl. 120—18)



1. In a mechanical pencil, an orifice head having a longitudinal cylindrical bore, a frame secured to said orifice head and having a chamber, said frame comprising a pair of outwardly bowed resilient rods forming a pair of laterally opening, longitudinally extending slots therebetween, an internally screw-threaded sleeve around said frame against which said bowed rods frictionally press, means on said frame for securing said sleeve against longitudinal displacement, a leader shell having an externally cylindrical portion within the bore of the orifice head, a head on the leader shell located in the chamber of the frame, said cylindrical portion and leader shell head being longitudinally slidable and rotatable in said bore and chamber respectively, said shell having a longitudinally extending opening of rectangular cross-section, a drive block mounted in said frame between the rods thereof and having screw threaded portions extending outwardly from the frame through the slots thereof and engaging with the threads of the surrounding sleeve, said block having a downwardly opening elongated socket formed therein, a propeller rod of rectangular cross-section extending into the rectangular opening of the leader shell, said rod having an elongated knob at its upper end disposed in the socket of the drive block for rotation about a longitudinal axis but held against lateral movement.

2,063,638
TORQUE SPRING POWER PLANT MOUNTING
Rolland S. Trott, Denver, Colo., and Benjamin A. Swennes and Kay Miller, Rockford, Ill., said Swennes and said Miller assignors to said Trott
Application May 27, 1933, Serial No. 673,288
11 Claims. (Cl. 248—7)

1. In a motor vehicle having an engine unit mounted on a support for force cushioning movement in transverse planes combined with torque cushioning oscillation about a longitudinal axis, a torque stabilizer for said engine unit comprising a member having means fixing the opposite



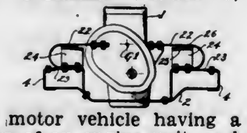
ends thereof to the engine unit and the support and so constructed and arranged as to yield in at least two transverse directions in resiliently opposing the movements of the engine unit.

2,063,639
CLAMPED C-SPRING POWER PLANT MOUNTING
Rolland S. Trott, Denver, Colo., and Benjamin A. Swennes and Kay Miller, Rockford, Ill., said Swennes and said Miller assignors to said Trott
Application May 27, 1933, Serial No. 673,290
2 Claims. (Cl. 248—7)



1. In a motor vehicle having a frame structure, the combination of an engine unit, means mounting said engine unit in the vehicle, said mounting means including a pair of transversely extending metallic leaf-springs yieldable in all transverse directions and having fixed connections with spring seats on the engine unit and with the frame structure and curved through an arc greater than 180° therebetween, said spring seats being arranged at an angle to each other.

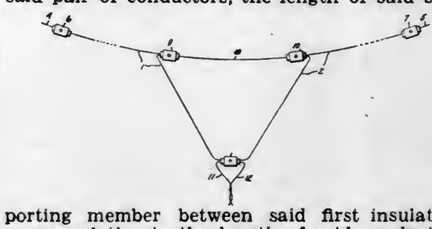
2,063,640
CLAMPED AXIS-LOCATING ENGINE UNIT MOUNTING
Rolland S. Trott, Denver, Colo., and Wilbur Vincent Thelander, Rockford, Ill.; said Thelander assignor to said Trott
Application November 18, 1933, Serial No. 698,721
5 Claims. (Cl. 248—7)



4. In a motor vehicle having a frame, the combination of an engine unit, and at least two longitudinally spaced resilient mounting structures supported by the vehicle and supporting the engine unit for resiliently opposed oscillatory movement about a longitudinal axis extending through the center of mass of the engine unit and intersecting the crankshaft axis adjacent the rear end of the engine unit, the mounting structure adjacent the front end of the engine unit comprising a pair of metallic leaf-springs each having one end fixed to the frame and having the other end fixed to the engine unit approximately at the height of the axis of oscillation.

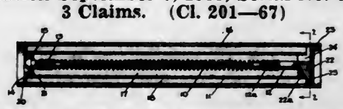
2,063,641
ANTENNA
Lewis H. Van Billiard, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York
Application September 7, 1935, Serial No. 39,559
3 Claims. (Cl. 250—33)

1. In combination, an antenna doublet comprising a pair of oppositely extending conductors, means including a supporting member for mechanically connecting said conductors together at points intermediate the ends thereof, insulating means molded to said conductors at said intermediate points and to the ends of said supporting member for connecting the ends of said supporting member to said conductor, and a second insulating means molded to the inner end of said pair of conductors, the length of said sup-



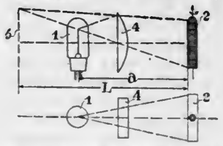
porting member between said first insulating means relative to the length of said conductors between said first and second insulating means being such that when said antenna doublet is suspended from the outer ends of said conductors it falls into substantially an inverted delta formation, said conductors extending continuously through said insulators to form the opposite sides of the doublet.

2,063,642
ELECTRIC HEATING UNIT
Peter H. Vanden Berg, Ontario, Calif., assignor to Edison General Electric Appliance Company, Incorporated, Chicago, Ill., a corporation of New York
Application September 7, 1933, Serial No. 688,470
3 Claims. (Cl. 201—67)



1. The method of making an electric heating unit which comprises connecting a resistance element to a metallic member, mounting said resistance element in a metallic tubular member so that said metallic member bears against one end of said tubular member, inserting said tubular member in a metallic sheath of larger diameter with said metallic member engaging said metallic sheath so as to position said tubular member within said sheath, filling said tubular member and the space between said member and said metallic sheath with electrically insulating material, then compacting said insulating material to a hard dense mass and then separating said metallic sheath from said metallic member.

2,063,643
TELEVISION RECEIVER
Franz von Okolicsanyi, Nuremberg, Germany
Application July 7, 1932, Serial No. 621,289
In Germany August 5, 1931
1 Claim. (Cl. 178—6)



A television receiving apparatus comprising a linear source of light, a mirror screw for the subjective observation of said source of light, said

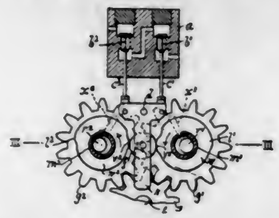
source of light being of less length than said mirror screw, a cylindrical lens with a focus, said lens being arranged at a distance from the source of light smaller than the focus of the lens whereby the illumination distance is decreased and the brightness of illumination is increased, said lens being arranged with its axis at right angles to the axis of the linear source of light.

2,063,644

CONTROL MECHANISM FOR PRESSES

Karl Friedrich Wagner, Stuttgart, Germany, assignor, by mesne assignments, to Magnesium Development Corporation, Newark, N. J., a corporation of Delaware

Application August 31, 1931, Serial No. 560,431
In Germany September 15, 1930
4 Claims. (Cl. 137—139)



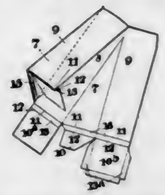
1. In a device for controlling the operation of automatic fluid-operated presses, a pressure distributor comprising a valve for admitting pressure and a valve for releasing pressure, oscillatory means for positively actuating said valves, a pair of shafts journalled a definite distance apart, said shafts having eccentric portions formed thereon, a cam rotatably mounted on each of said eccentric portions, means for rotating said shafts to change the relative positions of said eccentric portions and to thereby separate said cams, and means associated with said cams for maintaining definite relationship therebetween for all positions thereof, said cams being adapted to impart an oscillatory movement to said valve-actuating means.

2,063,645

CONTAINER OR CARTON

Herbert Maclean Ware, Northwood, England, assignor to Kartles Limited, London, England

Application July 20, 1934, Serial No. 736,255
In Great Britain July 20, 1933
4 Claims. (Cl. 229—22)



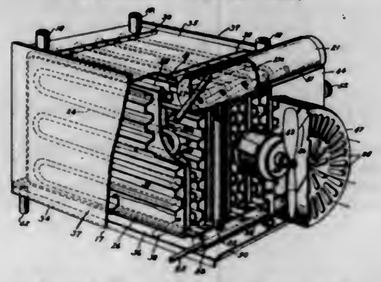
1. Container or carton comprising a body having two opposite rectangular side walls joined by two opposite triangular side walls, and a base which is stepped inwardly with respect to the base edges of the body side walls and is composed of extensions on said body side walls comprising extensions which overlap each other and a further extension which covers the entire base area and is provided with a narrow portion on each side thereof which form the side walls of the recessed base.

2,063,646

COOLING UNIT

Harry A. Whitesel, Fort Wayne, Ind., assignor to General Electric Company, a corporation of New York

Application June 27, 1933, Serial No. 677,870
12 Claims. (Cl. 62—126)



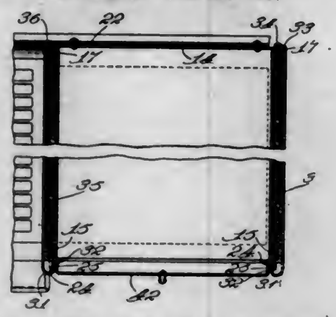
10. A flooded evaporator for refrigerating systems, comprising an upper header and a lower header, looped tubes connecting said headers, means including a second set of tubes arranged in the lower ends of said looped tubes for admitting liquid refrigerant to said unit and for inducing a flow of liquid refrigerant through said looped tubes from said lower header to said upper header, means including a passage for returning liquid refrigerant from said upper header to said lower header, means for maintaining said upper header partially filled with liquid refrigerant, and means for withdrawing gaseous refrigerant from said upper header.

2,063,647

RANGE

George D. Wilkinson, Oak Park, and Elmer D. Pellegrin, Des Plaines, Ill., assignors to Cribben & Sexton Company, Chicago, Ill., a corporation of Illinois

Application January 23, 1933, Serial No. 653,198
2 Claims. (Cl. 126—39)



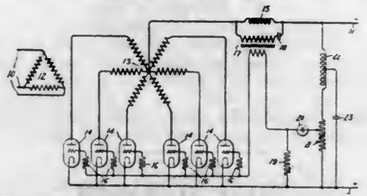
1. In a range, a base frame, an oven-frame mounted thereon, a front plate secured at the front of said oven-frame, said plate having struck therefrom attachment lugs at least one of which is spaced forward of the others, and walls for said oven-frame, at least one of said walls having a turned forward end with an inwardly extending lip adapted to extend between the attachment lugs.

2,063,648

ELECTRIC VALVE RECTIFYING SYSTEM

Clodius H. Willis, Princeton, N. J., assignor to General Electric Company, a corporation of New York

Application November 15, 1933, Serial No. 698,118
7 Claims. (Cl. 175—363)



7. In combination, an alternating current supply circuit, a direct current load circuit, rectifier apparatus interconnecting said circuits comprising a transformer network provided with an electrical neutral, a plurality of controlled electric valves connecting the terminals of said network to one side of said direct current circuit, a reactance device connecting said electrical neutral to the other side of said direct current circuit, a circuit including a device having a constant voltage component thereacross connected across said direct current circuit, and a control circuit for said valves including means for deriving a potential from said reactance device and means for introducing into said control circuit the difference voltage between said direct current circuit and said device having a constant voltage thereacross.

2,063,649

MANUFACTURE OF IMPREGNATED FIBROUS BASE FOR SHOE STIFFENER PARTS OR THE LIKE

Frank O. Woodruff, Newton, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H., a corporation of New Hampshire

No Drawing. Application April 19, 1934, Serial No. 721,318
18 Claims. (Cl. 91—70)

1. A process which comprises bringing rosin and polyvinyl ester together as a substantially uniform mixture of solids of such fine particle size that it can be fused under heat alone into a molten liquid solution substantially free from undissolved particles, and heating the mixture to cause its fusion into such molten liquid solution capable of congealing to a solid state.

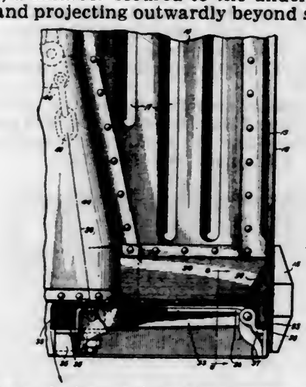
2,063,650

LIME-CEMENT CONTAINER

Graham C. Woodruff, Bronxville, N. Y., assignor to The L. C. L. Corporation, a corporation of Delaware

Application November 23, 1931, Serial No. 576,925
2 Claims. (Cl. 294—71)

1. In a drop bottom discharge container side and end sills secured to the bottom of the container and constituting extensions of the walls of the container, a hinge member secured to the end sills with its operative end materially above the lower edge of the end sill, a door having a depending marginal flange and hinged to said hinge member at its underside within the space bounded by the flange, said door being positioned when closed in a plane materially above the lower edge of the end sill, a deflector extending outwardly from the walls of the container over the joint between the flanged edge of the door and container to prevent the loss of lading through said joints, a member secured to the underside of the door and projecting outwardly beyond said flange,



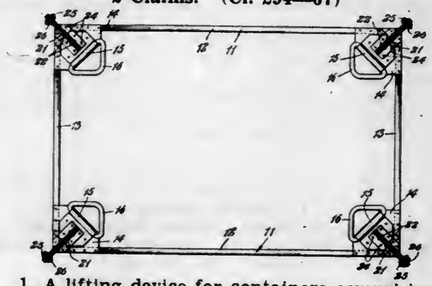
and door closing and locking means secured to said member.

2,063,651

CONTAINER LIFTING DEVICE

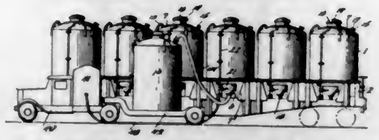
Graham C. Woodruff, Bronxville, N. Y., assignor to The L. C. L. Corporation, a corporation of Delaware

Application September 5, 1934, Serial No. 742,805
2 Claims. (Cl. 294—67)



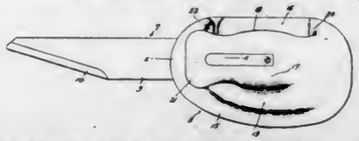
1. A lifting device for containers comprising a lifting frame adapted to be disposed adjacent to and above the top of the container, said frame being of generally rectangular form and consisting of angle metal side and end bars rigidly united at the corners of the frame and having inwardly extending flanges at their upper edges, bridge plates extending across the spaces between the frame bars at the corners of the frame and resting on and rigidly attached to the flanges of the bars, whereby the bars are further united and the frame reinforced at the corners, each of said plates being provided at its inner portion most remote from the adjacent corner portion of the frame with an extension piece bent outwardly and backwardly toward said corner portion and over upon and riveted to the body of the plate and formed at its juncture with the body of the plate with an eye arranged obliquely in the angle between the frame members, a suspension member resting on and riveted to each bridge plate outwardly beyond the eye thereon and having a suspension portion projecting beyond the adjacent corner of the frame, links pivotally connected with the eyes of the bridge plates for coupling the frame with a hoisting device, a depending lifting element pivotally connected at its upper end with the outwardly projecting portion of each suspension member, and engaging members carried by the lifting elements at their lower ends for connecting the same with the lower portion of the container.

2,063,652
METHOD OF HANDLING AND SHIPPING FLOUR AND LIKE MATERIALS
Graham C. Woodruff, Bronxville, N. Y., assignor to The L. C. L. Corporation, a corporation of Delaware
Original application February 9, 1934, Serial No. 710,577, Patent No. 2,020,628. Divided and this application June 27, 1935, Serial No. 28,743
3 Claims. (Cl. 214—152)



1. The method of transporting flour and like pulverulent materials in bulk between a shipping point and a receiver at a destination point so as to protect the material during shipment and to deliver it in a loose and suitably aerated condition for use in making products therefrom, which consists in storing and shipping the pulverulent material from shipping to destination point under superatmospheric head pressure in containing means hermetically sealed against communication with the ambient atmosphere, discharging the material from the containing means under atmospheric head pressure through a conductor into a receiver at the destination point while simultaneously loosening it up and aerating under disruptive pressure on its emergence from the containing means and passage into the conductor, and subjecting the material on its passage from the conductor into the receiver to a mechanical spreading action and to the aerating action of streams of injected air.

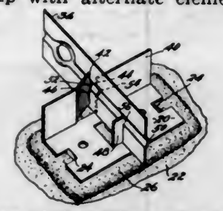
2,063,653
LEATHER KNIFE
Giacomo Agostineto, Trout Creek, Mich.
Application February 25, 1936, Serial No. 65,679
6 Claims. (Cl. 30—9)



1. A leather knife for shoemakers and cobblers comprising a handle including a substantially elliptical flat-bottom plate constituting a knuckle guard, a protuberant enlargement formed integral with one side of said plate and projecting laterally therefrom within the marginal limits of the plate and serving as a hand-clutching hand-grip and being provided with a recess forming a pocket disposed in parallelism to the base plate to accommodate and permit anchorage of the fingers therein, and a knife having its shank portion attached to the flat bottom of said plate and projecting in a plane therewith beyond the marginal edge of the plate.

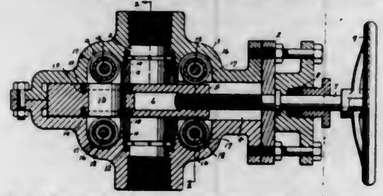
2,063,654
DIVIDING STRIP ANCHOR
Samuel C. Awbrey, Kansas City, Mo.
Application January 7, 1935, Serial No. 605
8 Claims. (Cl. 94—17)

1. An anchor for dividing strips having laterally extending shoulder-forming parts thereon, comprising a base; elements disposed in staggered relation on the base for engaging the faces of said strip with alternate elements engaging



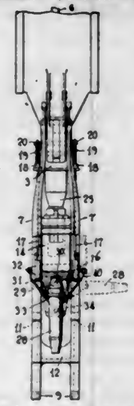
opposite faces of the strip; and a part on one of the elements for engaging the said shoulder.

2,063,655
VALVE MECHANISM
Lawrence D. Barner, Houston, Tex.
Application April 18, 1933, Serial No. 666,719
2 Claims. (Cl. 251—59)



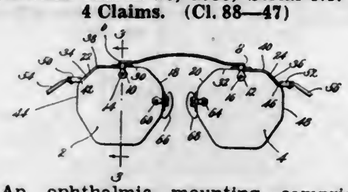
1. A valve mechanism comprising a valve casing having a passageway for liquid therethrough and having a valve guideway therein, a valve having an opening and slidable in said guideway into one position to close said passage and into another position to align said opening with said passage whereby a continuous conduit is provided through said casing, means in yielding contact with the casing, and housed within, the valve and forming a seal between the valve and casing, antifriction rollers housed in recesses in the casing against which the valve works and transverse shafts in the casing on which the rollers are mounted.

2,063,656
INGOT STRIPPER
Clinton L. Bigler and Harvey W. Ball, Alliance, Ohio, assignors to The Morgan Engineering Company, Alliance, Ohio
Application February 15, 1935, Serial No. 6,763
5 Claims. (Cl. 22—95)



2. In an ingot stripper, supporting means, ingot-gripping tongs and mold-engaging links pivotally connected to the supporting means, a bull head pivotally connected to the supporting means at a point arranged between said tongs, and means for moving said bull head into and out of a vertical position between said tongs.

2,063,657
OPHTHALMIC MOUNTING
Frederick Rice Bishop, North Attleboro, Mass., assignor to The Bishop Company, North Attleboro, Mass., a corporation of Massachusetts
Application March 26, 1936, Serial No. 70,955
4 Claims. (Cl. 88—47)



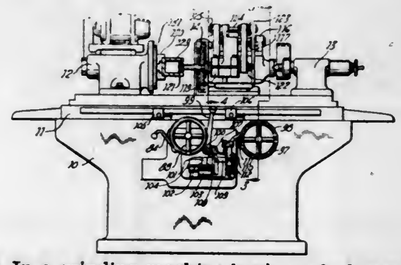
1. An ophthalmic mounting comprising a bridge, lens-holding members depending from and disposed wholly below the ends of the bridge, lenses carried by the respective lens-holding members and positioned wholly below the corresponding ends of the bridge with the said ends of the bridge respectively substantially above the centers of the respective lenses, two arms one end of each of which is fixed to one of the ends of the bridge, the arms extending outward from the said ends of the bridge and to the rear of, and out of contact with, the respective lenses but conforming substantially to the shapes of the upper portions of the respective lenses, the other end of each arm beieng disposed at a point close to the periphery of the corresponding lens near an upper portion of the lens and being provided with an end piece projecting outward beyond the said periphery, and a temple pivoted to each end piece.

2,063,658
FLUID MUFFLER
Harley H. Bixler, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application September 24, 1935, Serial No. 41,906
11 Claims. (Cl. 181—53)



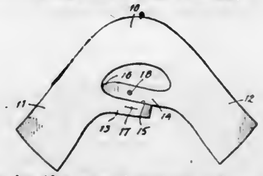
1. A muffler for a refrigerating machine or the like comprising a tubular casing, a cap extending across one end of said casing and closing the same, a tubular resilient split sleeve removably positioned in said casing and resiliently engaging the inner walls thereof, said sleeve being provided with a plurality of longitudinal indentations formed in the outer surface thereof, said indentations and the adjacent portions of said casing co-operating to define a series of extended fluid muffling passages therebetween, and means including a plug removably inserted in the end of said sleeve opposite said cap for closing said last mentioned end of said sleeve and for retaining the same in position in said casing.

2,063,659
INTERNAL GRINDING FIXTURE
Clement Booth, Cincinnati, and John E. Caster, Willoughby, Ohio, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio, a corporation of Ohio
Application May 31, 1935, Serial No. 24,286
9 Claims. (Cl. 51—3)



1. In a grinding machine having a bed, a work table reciprocably mounted upon the bed, and a spindle housing adjacent the bed, the combination of means for supporting an internal grinding wheel comprising a bracket attached to said housing, a swinging arm pivotally mounted on said bracket, a spindle journaled in the end of said arm and carrying an internal grinding wheel, means to limit the swinging movement of said arm in one direction to position the internal grinding wheel in a working position relative to the work support, and means to positively secure said arm to said housing whereby said internal grinding wheel will be positively held while in a working position.

2,063,660
DOLL-SHOE
Theodore W. Braitling, Stratford, Conn., assignor to Fred K. Braitling, Inc., Bridgeport, Conn., a corporation of Connecticut
Application March 9, 1935, Serial No. 10,187
1 Claim. (Cl. 36—48)
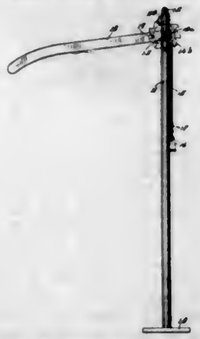


For use in the construction of a doll shoe, a flat blank formed from a single piece of material comprising a toe forming portion, a pair of side forming portions extending rearwardly of said toe forming portion in separated rearwardly diverging relation to each other, a connecting portion extending between said side forming portions in rearwardly spaced relation to said toe forming portion, said connecting portion having a slit extending from one transverse edge of said connecting portion contiguous to one of said side portions to the other transverse edge of said connecting portion to form a pair of strap portions respectively extending from said side portions in opposed directions and each extending beyond the center line of said blank.

2,063,661
BUMPER JACK
Frank L. Curran, St. Paul, Minn.
Application December 2, 1935, Serial No. 52,474
4 Claims. (Cl. 254—145)

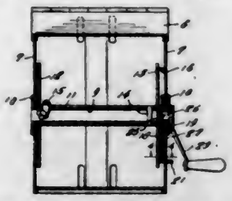
1. A bumper jack for an automobile having in combination, a plate-like base member adapted

to be disposed horizontally on a supporting surface, a frame comprising a pair of spaced parallel adjacent rod-like frame members of small horizontal cross-section extending vertically upward from said base member, the upper part of said frame being separable vertically from and telescoping over the lower part, a reel mounted between the upper ends of said frame members having its axis substantially in the plane passing centrally through said members, a flexible cable secured at one end to said reel and adapted to be wound thereon, a hook secured to the other end of said cable, said hook and the free end of said



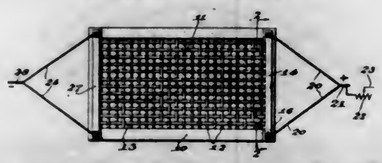
cable depending between said frame members and closely adjacent the plane thereof, said hook being adapted to engage a bumper part of an automobile, a ratchet wheel secured to said reel, a lever journaled about the axis of said reel, a pawl on said lever for engaging said wheel and rotating the same upon oscillation of said lever and means for preventing reverse rotation of said reel whereby said base member may be placed beneath said bumper, the upper part of said frame moved downwardly straddling said bumper part and engaged with said lower part, said hook engaged with said bumper part and the latter elevated by oscillation of said lever.

2,063,662
ENCASED REEL
John R. Doherty, Bethlehem, Pa.
Application September 3, 1935, Serial No. 39,066
2 Claims. (Cl. 242—101)



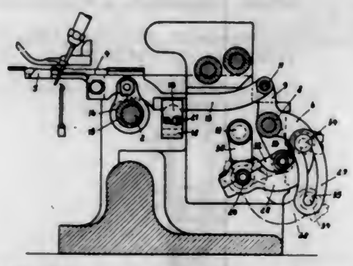
2. In a device of the character described, a casing, a reel rotatably mounted in said casing, said reel having a flange provided with a circular series of teeth struck out therefrom and projecting from the flange in a series concentric to the axis of the reel, a dog including a body plate loosely disposed between said flange and the adjacent side wall of said casing, said body plate having a notch at one end to accommodate the axis of the reel, and being provided at its relatively opposite end with a laterally directed lug, said side of the casing being provided with a slot having an angularly disposed end, and said lug having an inner end adapted to engage with a certain of the teeth on the reel, and an outer end adapted to engage in the angularly disposed end of said slot whereby to lock the reel against rotation in either direction.

2,063,663
DEVICE FOR FORMING STRINGS OR SHEETS OF ASPHALT
James Shelby Downard, deceased, late of Fort Thomas, Ky., by Naomi W. Downard, administratrix, Fort Thomas, Ky.
Application June 27, 1933, Serial No. 677,944
13 Claims. (Cl. 83—91)



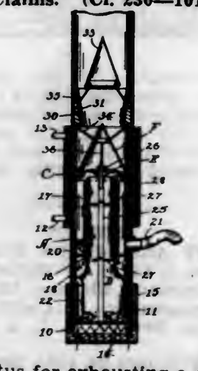
1. A device for forming lengths of asphalt comprising a screen formed of a plurality of strips of resistance material, a plurality of strips of resistance material disposed transversely of the first-mentioned strips and forming with the first-mentioned strips restricted passages, a circuit including the strips for causing heating of the screen and melting of the asphalt placed on said screen to form strings of asphalt, the transverse strips being removable from the first-mentioned strips to provide elongated passages so that when asphalt is melted on the screen sheets of asphalt will be formed.

2,063,664
DIFFERENTIAL WORK-FEEDER FOR SEWING MACHINES
Fritz Ebert, Oberndorf-on-the-Neckar, Germany
Application February 26, 1934, Serial No. 713,035
In Germany March 9, 1933
10 Claims. (Cl. 112—209)



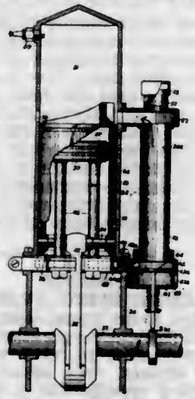
1. Differential work feeding mechanism for high speed overcast sewing machines, comprising a main work feeder, a differential work feeder, a carrier for each of the feeders, a pair of oscillatory levers to which the carriers are respectively jointed and each lever having an operating arm, a drive shaft, connections between the drive shaft and the operating arm of one of the oscillatory levers, a jointed link system connecting the said oscillatory lever and the operating arm of the other oscillatory lever, separate means in the said connections and link system for independently adjusting the strokes of the two arms, and means connected to the carriers close to the feeders for supporting and imparting rise and fall movements to said carriers and feeders.

2,063,665
DIFFUSION VACUUM PUMP
Hiram W. Edwards, Los Angeles, Calif., assignor to Don Baxter, Inc., Glendale, Calif., a corporation of Nevada, trustee for Frederick M. Turnbull, Don Baxter, Inc., Hiram W. Edwards, and L. H. McGowan
Application March 21, 1934, Serial No. 716,639
8 Claims. (Cl. 230—101)



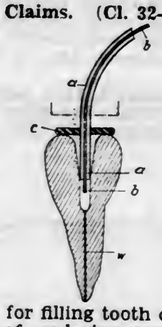
1. In apparatus for exhausting a closed receptacle, a main duct connected with said receptacle, a vaporizer supported in the lower end of said duct, a chimney communicating with said vaporizer and extending upwardly through said duct, said chimney being of diameter less than that of said duct and providing between it and the duct wall a chamber, a shaft supported centrally within said chimney, and a deflector supported by said shaft above the mouth of said chimney, said deflector being provided with an annular curved undersurface merging with said shaft to provide a continuous concavity about said shaft.

2,063,666
TWO-CYCLE ENGINE
George Exel, Clifton, N. J.
Application October 4, 1935, Serial No. 43,481
7 Claims. (Cl. 123—74)



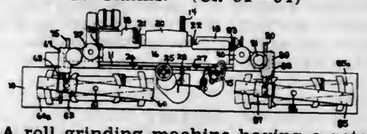
4. The combination, with fixed structure having a cylinder closed at one end and a fixed piston arranged within the cylinder and spaced from said end, a power piston body in the cylinder having a piston head between said end and the fixed piston and a cylindrical skirt fitting between the fixed piston and cylinder, and instrumentalities for firing a fuel charge admitted to the space between said head and end when said head adjoins said end and for permitting exhaust from said space when said head approaches the fixed piston, said structure including a passage extending through the fixed piston from the space between the latter and said head and having an outlet to the interior of the cylinder at a point above said head when the latter adjoins the fixed piston, of a valve for said outlet confined by the power piston body to reciprocate therewith and against rotation around the same and arranged between the skirt and the cylinder at the side of the latter adjoining said outlet and normally held against the cylinder and formed to extend from approximately said head past said passage when said head adjoins said cylinder end.

2,063,667
FILLING CAVITIES
Ladislaus Farkas and Paul Harteck, Berlin, Germany
Application February 7, 1933, Serial No. 655,667. Renewed July 28, 1936. In Germany February 13, 1932
5 Claims. (Cl. 32—15)



1. A process for filling tooth cavities, comprising the steps of replacing any inert gas contained in the tooth cavity by a gas adapted to be absorbed by the tooth filling mass and then introducing the tooth filling mass.

2,063,668
ROLL GRINDING MACHINE
Carl G. Flygare and Hugo B. Friberg, Worcester, Mass., assignors to Norton Company, Worcester, Mass., a corporation of Massachusetts
Application December 31, 1934, Serial No. 759,948
16 Claims. (Cl. 51—94)



1. A roll grinding machine having a rotatable grinding wheel and a rotatable work support which are movable transversely and longitudinally relative to each other, means to move one of said members relatively toward and from the other to produce the desired feeding movement to grind a roll to a predetermined size, an additional mechanism operatively connected to cause an independent relative transverse movement between the wheel and work support as they are reciprocated longitudinally relative to each other to grind a crown on the roll being ground, and a positively actuated control device independent of said mechanism which is actuated during the relative longitudinal movement between the grinding wheel and work to positively control said independent

relative transverse movement between the wheel and the work support as caused by said mechanism so as to produce a predetermined crown on the roll being ground.

2,063,669

ASPHALT PAINT

Thomas C. Ford, Kankakee, Ill., assignor to American Asphalt Paint Co., Kankakee, Ill., a corporation of Illinois

No Drawing. Application January 9, 1936, Serial No. 58,413
11 Claims. (Cl. 134—51)

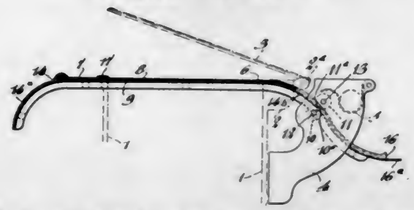
6. An asphalt paint consisting essentially of gilsonite, a "gas-proofed" oil of the class consisting of tung and oiticica oils and mixtures thereof, a metallic drier, and a thinner, the gilsonite being approximately 10 to 80% and the "gas-proofed" oil or oils 20 to 90% of the film forming constituents of the paint.

2,063,670

AUTOGRAPHIC REGISTER

Victor William Garwood, London, England, assignor, by mesne assignments, to American Sales Book Company, Inc., a corporation of Delaware

Application December 7, 1934, Serial No. 756,388
In Great Britain December 7, 1933
10 Claims. (Cl. 282—7)



3. An autographic register including, in combination, a platen having plates spaced apart a short distance to provide a transverse guideway for receiving and holding a supplemental record strip, and extensions at both sides of the register forming ingress and exit passageways for said record strip, one of said extensions having adjacent to its passageway a writing plate for supporting said strip for receiving supplemental inscription and cooperating feed rolls positioned at said last mentioned extension for feeding said strip transversely of the machine, said rolls being positioned in the vicinity of said writing plate so as to retain said strip in writing position upon said writing plate.

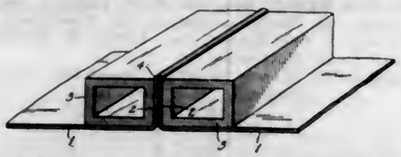
2,063,671

PROCESS AND PRODUCT OF WELDING GALVANIZED IRON SHEETS

Garth G. Gilpin, Riverside, Ill., assignor to P. H. Murphy Company, New Kensington, Pa., a corporation of Pennsylvania

Application November 15, 1935, Serial No. 49,923
8 Claims. (Cl. 219—10)

1. The process of joining a galvanized iron sheet to another metal element which comprises arranging the marginal portion of the galvanized iron sheet in an upright position and in contact with the other element, covering the coated side of said marginal portion up to the edge thereof with a clamping and cooling shield to protect it from the heat and prevent melting and flow of the spelter coating, and then depositing weld metal only on the uncoated iron edge of the sheet and the adjacent portion of the other element, said weld metal being free from spelter.



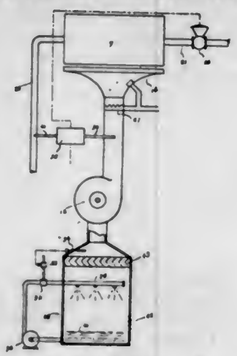
5. The combination of two galvanized iron sheets having upstanding flanges along their adjacent margins, and a weld of added metal joining together the iron edges of said sheets, said weld being free from spelter and the rest of the iron being coated with spelter that reaches to said weld.

2,063,672

METHOD OF AND MEANS FOR CONTROLLING A FILM OF MOISTURE

Merrill B. Goddard, Chicago, Ill., assignor, by mesne assignments, to Carrier Engineering Corporation, Newark, N. J., a corporation of New York

Application February 24, 1932, Serial No. 594,941
15 Claims. (Cl. 101—147)



1. A method of producing a film of moisture upon a surface of the character described, consisting in impinging a volume of air against the surface and controlling the condensation of moisture vapor in said air upon said surface by maintaining substantially constant the temperature and relative humidity of the impinging air, and varying the temperature of the surface by regulating the circulation of a fluid utilized to conduct heat from the underside of the surface to maintain constant a desired differential with respect to the temperature of the air.

2,063,673

LUBRICATING SYSTEM

Hugh D. Haley, Lynn, Mass., assignor to General Electric Company, a corporation of New York

Application November 16, 1935, Serial No. 50,220
4 Claims. (Cl. 308—187)

1. A spinning spindle for a rayon spinning bucket or the like comprising a rotatable vertical shaft, a bearing for said shaft, a housing for said bearing having a portion closely surrounding said shaft above said bearing, a rotatable member carried by said shaft within said housing tending to draw air along said shaft into said housing and to thereby increase the pressure therein upon rotation of said member, and means including a deflector shield carried by said shaft above said housing and having impeller vanes on the lower



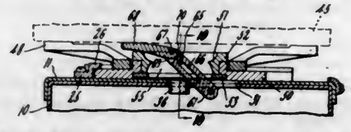
surface thereof for neutralizing the increased pressure created in said housing by said member.

2,063,674

ROTATING CAR SEAT BASE

Severin Hendrickson, Templeton, and Joseph Leger, Gardner, Mass., assignors to Heywood-Wakefield Company, Boston, Mass., a corporation of Massachusetts

Application November 10, 1934, Serial No. 752,448
8 Claims. (Cl. 155—96)



1. A car seat comprising a circular disk, a seat-supporting frame mounted on said disk, means for horizontally and slidably supporting said disk, said means including a pair of parallel guide rails spaced a distance substantially equal to the diameter of the disk and between which the disk is rotatable in its plane and translatable in a direction parallel to the rails, said means also having a T-shaped guide slot with a portion parallel to and midway between said rails and a portion perpendicular to said rails, a pin extending downwardly from the marginal portion of said disk into said perpendicular portion of said slot, means on said base for tilting a seat on said frame including a device extending through said parallel portion of the slot and engaging the bottom of said seat, and means engaging said device and operating the device when said disk is rotated.

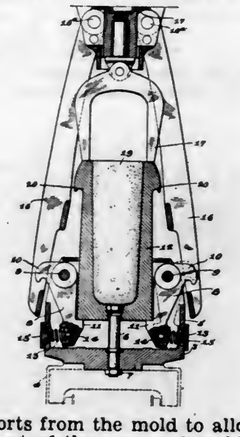
2,063,675

MEANS FOR STRIPPING INGOTS

Ossian Hively, Alliance, Ohio, assignor to The Morgan Engineering Company, Alliance, Ohio

Application January 7, 1935, Serial No. 768
8 Claims. (Cl. 22—95)

8. In an ingot stripper stool of the character described, a hollow frame having a top opening of sufficient size to receive a conventional ingot-stripping mold, supports journaled in the frame and adapted to support an ingot mold while the latter contains an ingot, a stripping ram rigidly secured to the bottom of the frame and projecting upwardly to contact the lower surface of an ingot within the mold, and means projecting from opposite sides of the frame and adapted to be engaged by the links of a stripping crane for releasing the supports from the mold to allow relative axial movement of the ram and mold.

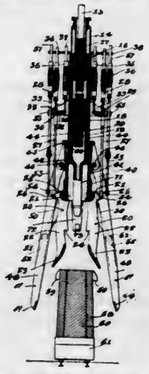


2,063,676

INGOT STRIPPER

Ossian Hively, Alliance, Ohio, assignor to The Morgan Engineering Company, Alliance, Ohio

Application November 7, 1935, Serial No. 48,740
16 Claims. (Cl. 22—95)



9. In mechanism of the character described a housing and a bull head, means for simultaneously moving the housing and bull head in opposite directions, arms pivotally suspended from the housing and having mold engaging portions, and legs movable upwardly with the bull head and having ingot basket engaging portions, said legs extending downwardly below said arms.

2,063,677

METHOD OF ROLLING COPPER STRIPS AND THE LIKE

John M. Hughes and Joseph H. Carter, Youngstown, Ohio, and Eustace E. Reagle, Sharon, Pa., assignors to Sharon Steel Corporation, a corporation of Pennsylvania

Application April 11, 1932, Serial No. 604,510
5 Claims. (Cl. 80—60)

1. The method of rolling a copper strip which includes heating a slab to rolling temperature, continuously reducing and edge rolling the same to form a hot rolled strip before the strip has

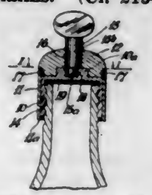
cooled below a proper hot rolling temperature, and then cold rolling the hot rolled strip to approximately 95 percent reduction to form a ductile cold rolled strip without annealing the same.



2,063,678

MEANS FOR LOCKING CONTAINERS, CONDUITS, AND THE LIKE

Edith Maud Hulme, Brighton, England
Application December 5, 1935, Serial No. 52,989
In Great Britain December 13, 1934
4 Claims. (Cl. 215—98)

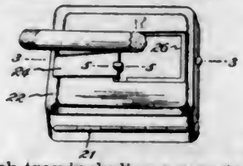


1. A closure device for bottles, petrol tanks and other containers comprising a closure member, a cap encircling the aforementioned closure member and rotatable relatively thereto, a key with a cylindrical part and with an eccentrically related extremity for operatively connecting the cap to the closure member to enable the closure member and cap to be rotated in unison, a circular hole in said cap to receive the cylindrical part of the key, and a key engaging part in said closure member shaped and adapted to fit the said extremity of the key, the said hole and part being eccentrically related and in conjunction with the said key being so shaped that when the key is fitted in said hole and to said part a partial rotation applied to the key effects by reason of said eccentric relationship of the keyhole and said part a seizing or binding couple between the cap and closure member so that they can rotate as one.

2,063,679

POCKET ASHTRAY

Richard J. Hutchinson, Ithaca, N. Y., assignor of one-half to Ray Yost, Reading Center, N. Y.
Application May 24, 1935, Serial No. 23,308
1 Claim. (Cl. 206—37)



A pocket ash tray including a receptacle having an opening therein, a plate hinged to the opening at a point remote from the edge of the receptacle and adapted to normally close the opening and adapted to be swung upwardly to rest on the top of the receptacle, a rest adapted for receiving a cigarette or cigar carried by the undersurface of the closure plate, said rest at its point of connection with the outer edge of the closure plate being provided with a recess, spring means for normally acting upon the closure plate to effect automatic opening thereof, and a manually operable spring catch carried by the receptacle and adapted to removably engage the recess in the rest to normally retain the plate in closed position.

2,063,680

PROCESS FOR THE RECOVERY OF ACETYLENE FROM GAS MIXTURES

Robert M. Isham, Okmulgee, Okla., assignor to Danciger Oil & Refineries, Inc., Tulsa, Okla.
No Drawing. Application April 12, 1935, Serial No. 15,927
7 Claims. (Cl. 260—170)

1. In the separation and recovery of acetylene from a mixture of gases including acetylene, the step of treating said mixture with an aliphatic lactone as a selective solvent.

2,063,681

STRING HOLDER FOR SAUSAGE CASINGS

Hans J. Jaworski, Milwaukee, Wis.
Application June 21, 1935, Serial No. 27,686
5 Claims. (Cl. 24—243)

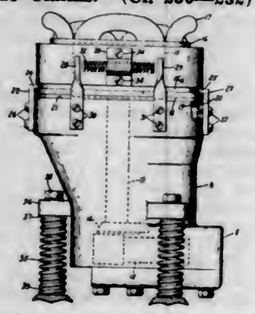


1. A string-holder comprising a base having a jaw face and upstanding side walls, the side walls being provided with inclined slots terminating in bearing openings, a movable jaw received between the side walls, a transversely extending shaft loosely carried by the movable jaw and received in the bearing openings through said slots, a cam on said shaft, a handle carried by the cam for moving said cam into and out of engagement with the movable jaw, and means carried by the cam for forcibly raising the movable jaw when the handle is in its inoperative position.

2,063,682

MACHINE MOUNTING

Wilfrid E. Johnson, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application June 15, 1935, Serial No. 26,789
15 Claims. (Cl. 230—232)



1. A machine subjected to forced periodic vibration during the normal operation thereof, and means including a mass mounted for limited movement with respect to said machine for changing the effective moment of inertia of said machine only when the amplitude of said forced periodic vibration reaches a predetermined maximum.

2,063,683

SLEEVE STRETCHER

Howard Addison Johnston, Toronto, Ontario, Canada
Application February 16, 1935, Serial No. 6,797
14 Claims. (Cl. 223—63)

1. A sleeve stretcher including two sleeve bars; a member having a sliding connection longitudinally of one of the bars; and two links, each link having one end thereof pivoted on the second bar, the other end of one of the links being pivoted on the first mentioned bar and the other



end of the second link being pivoted on the member so that as the member is moved in one direction the bars will be moved away from one another.

2,063,684

INGOT STRIPPER

John Kloos, Alliance, Ohio, assignor to The Morgan Engineering Company, Alliance, Ohio
Application February 12, 1935, Serial No. 6,256
11 Claims. (Cl. 22—95)



2. In an ingot stripper, in combination with ingot gripping tongs and mold engaging links, of supporting means for the tongs and links, a bull head movably connected to said supporting means, and means for moving said bull head into and out of a vertical position between said tongs.

2,063,685

ABRASIVE WHEEL

Merton B. Lane, Holden, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts
No Drawing. Application November 11, 1935, Serial No. 49,252
6 Claims. (Cl. 51—280)

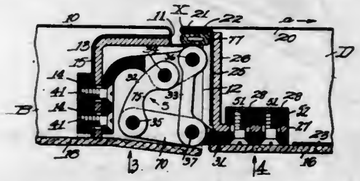
1. Method of making a grinding wheel or other abrasive body which comprises providing a quantity of abrasive grain, mixing the abrasive grain with rubber and Thermoprene, heating the mixture, dieing out the required shape while the mixture is hot, and allowing the shape to harden by cooling.

2,063,686

CONCEALED HINGE

Emil B. G. Lefevre, Detroit, Mich.
Application March 6, 1935, Serial No. 9,634
3 Claims. (Cl. 16—163)

1. A concealed hinge comprising a first hinge plate to be attached to a fixed member, a second hinge plate to be attached to a swinging member, and longer and shorter hinge links connecting spaced bearing points on one hinge plate to spaced bearing points on the other hinge plate, the bearing points on said first hinge plate being disposed in a line substantially inclined to the outer surface of said swinging member when said member is in closed position, the bearing points on said second hinge plate being in a line nearly parallel

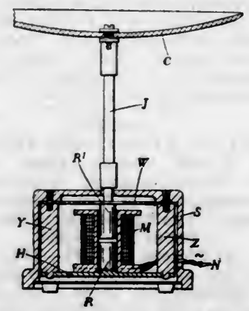


to said outer surface, and the bearing points on said first hinge plate being substantially nearer together than the bearing points on said second hinge plate, the bearing point on said first hinge plate which is more remote from the securing portion of said first hinge plate and the bearing point on said second hinge plate which is nearer the securing portion of said second hinge plate being connected by the longer link.

2,063,687

DISPLAYING APPARATUS

Edouard Lefrand, Issy-les-Moulineaux (Seine), France, assignor to Willy Mansbach, Berlin, Germany
Application August 7, 1935, Serial No. 35,133
In France August 8, 1934
8 Claims. (Cl. 40—139)



1. Display apparatus comprising the combination, with a standard and electromagnetic means for imparting invisible vertical vibrations of small amplitude to said standard, of a horizontally disposed table mounted on the standard, said table being dished for preventing displayed objects carried by it from riding off under the vibration and for permitting the suspension of displayed objects from its rim.

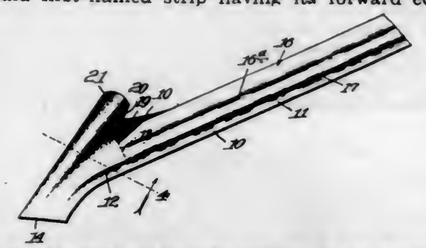
2,063,688

REMOVABLE PLOWSHARE EDGE

Robert P. Lier, Mitchell, S. Dak., assignor of two-fifths to A. C. Cohrt and David M. Rogers, Mitchell, S. Dak.
Application December 8, 1934, Serial No. 756,666
11 Claims. (Cl. 97—125)

1. A removable plowshare edge comprising a pair of metal strips, one of which has its lower longitudinal edge welded to the other at a point intermediate the width of said second-named strip, said second-named strip having its forward

end folded over to provide a point pocket, and said first-named strip having its forward edge



abutting said folded-over portion of the second-named strip.

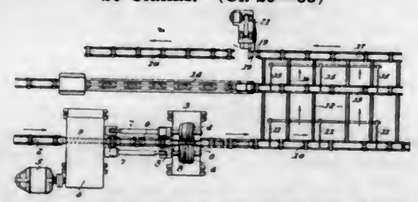
2,063,689

MANUFACTURE OF TUBES

Carl W. Littler, Pittsburgh, Pa., assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa., a corporation of Pennsylvania

Application July 3, 1933, Serial No. 678,608.

20 Claims. (Cl. 29—33)



1. A process for the manufacture of tubes, comprising thinning and longitudinally elongating a blank over a mandrel in a push bench, and thereafter simultaneously further thinning and longitudinally elongating said blank over said mandrel and loosening said blank with respect to said mandrel while maintaining the exterior of the blank substantially smooth.

2,063,690

ART OF STIFFENING SHOES

Stanley P. Lovell, Newton, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H., a corporation of New Hampshire

No Drawing. Application December 18, 1934, Serial No. 758,064

11 Claims. (Cl. 12—146)

1. In the art of stiffening shoe uppers in the course of shoemaking, those steps which comprise preparing a fibrous stiffener blank containing therethroughout a heavy charge of uncooked amylaceous substance, exposing the stiffener blank to a steam atmosphere to cook and gelatinize its charge of amylaceous substance, assembling the blank containing the freshly cooked and gelatinized amylaceous substance with a shoe upper, and putting the assembly promptly through the lasting operations and permitting said gelatinized amylaceous substance to set and stiffen said blank in lasted conformity with said upper.

2,063,691

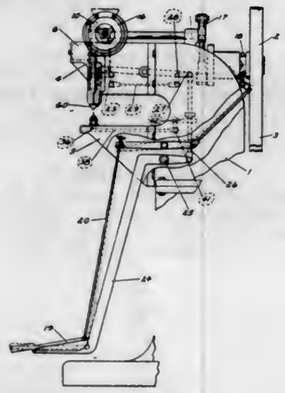
COMBINED PUNCHING AND RIVETING MACHINE

William E. Marchant, Detroit, Mich., assignor to Engineering and Research Corporation, Washington, D. C., a corporation of the District of Columbia

Application June 21, 1934, Serial No. 731,685

5 Claims. (Cl. 78—49)

1. A combined punching and riveting machine comprising a frame, an anvil supported by said frame, a pilot floated in said anvil, a combined punching and riveting head shiftably mounted on said frame, a punch and a rivet set carried by said head whereby the said head may be shifted to alternately position the punch and the rivet set over said anvil, means operatively connected and coordinated with the shiftable head for projecting the pilot through said work after the



punching operation to hold the work in position and for holding the pilot with the end of the pilot flush with the face of the anvil during the upsetting of a rivet whereby the rivet engages the pilot and is guided by the pilot through the work prior to being upset, and a second means for removing the first mentioned means from beneath the pilot whereby the pilot retreats within the anvil during the punching operation.

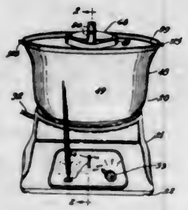
2,063,692

FOOD PREPARER

Eugene F. Martinet, Cleveland, Ohio, assignor to The P. A. Geier Company, Cleveland, Ohio, a corporation of Ohio

Application October 6, 1933, Serial No. 692,483

15 Claims. (Cl. 259—84)



1. In a food preparing device, a base, driving mechanism mounted within said base and including a tubular housing sleeve projecting vertically upwards from said base and a drive shaft journalled in said sleeve, a mixing bowl having a central tubular sleeve rotatably mounted on and removably telescoped over said housing sleeve, said housing sleeve being provided with an annular step below the lower end of said mixing bowl sleeve, and a corrugated ring washer interposed between said housing step and the lower end of said mixing bowl sleeve to form a bearing for the bowl sleeve.

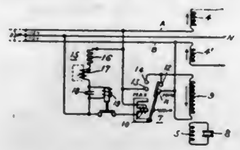
2,063,693

TRANSFORMER VOLTAGE REGULATOR

Orin P. McCarty, Pittsfield, Mass., assignor to General Electric Company, a corporation of New York

Application June 20, 1936, Serial No. 86,413

8 Claims. (Cl. 171—119)



1. In combination, an alternating current circuit, a transformer having a plurality of windings including a series winding in said alternating current circuit and an exciting winding, a negative impedance current characteristic impedance connected across one of the windings of said transformer other than said series winding, and a circuit controller for selectively connecting said exciting winding across said alternating current circuit and disconnecting it therefrom.

2,063,694

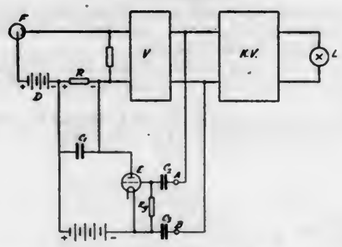
AUTOMATIC REGULATION OF THE AMPLIFICATION IN TELE-CINE TRANSMITTING AMPLIFIERS

Rolf Möller, Zehlendorf, near Berlin, and Georg Schubert, Siemensstadt, near Berlin, Germany, assignors to the firm of Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany

Application March 12, 1932, Serial No. 598,476

In Germany March 12, 1931

7 Claims. (Cl. 178—6)



1. In a television system for transmission of films of varying density, the combination of a photo cell and an amplifier at the transmitting end, and a light source depending upon its operation on an alternating voltage at the receiving end, means for automatically smoothing out excessive variations of alternating current amplitudes in the photo cell circuit when a film of great contrast is transmitted, in order to pass a substantially constant alternating current amplitude to the receiving light source, whereby an overloading of the latter is prevented, said means comprising a resistance in the circuit of the photo cell, a condenser shunted across the terminals of said resistance, and a thermionic valve having its grid circuit connected with the out-put of the amplifier and its anode circuit connected with the terminals of said resistance, whereby any excessive increase in the alternating current amplitude of the amplifier results in a lowering of the voltage drop across said resistance and in a decrease of the photo cell voltage.

2,063,695

NECKTIE AND THE MANUFACTURE THEREOF

Carl Wilhelm Nyström, Karlstad, Sweden

Application March 7, 1935, Serial No. 9,893

In Sweden June 21, 1934

3 Claims. (Cl. 2—155)



1. A method of securing a strip of resilient material to the neck portion of a necktie, comprising the steps of fitting the fabric of the tie over the end of the strip, applying a substantially U-shaped clamping device outside the fabric at the said end of the said strip, fitting a sheet of material, having approximately the same width as the interior width of the clamp, between the flanges of the said clamp, and bending the flanges of the clamp inwardly on to the sheet to secure the fabric and the strip firmly together.

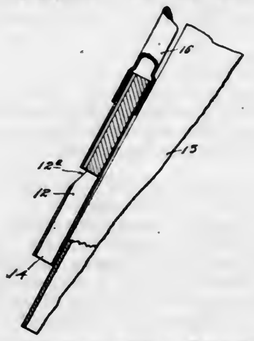
2,063,696

WHISTLING SIGNAL FOR FLUID DELIVERY HOSE

Walter T. Oxley, Fergus Falls, Minn.

Application December 9, 1935, Serial No. 53,455

4 Claims. (Cl. 226—66)



1. The combination with a fluid delivery pipe having a discharge nozzle, of a nozzle cap applied to the delivery end of said nozzle, a whistle applied to said nozzle cap and having a normally open lower end, and an air tube connected to said whistle and to a source of air supply under pressure, the delivery end of said fluid delivery nozzle being a flexible jointed structure, in which the nozzle cap has spring prongs detachably engaging the flexible nozzle portion, and in which said air tube is a flexible hose extended along said nozzle.

2,063,697

FUEL BURNER

Frank V. Risinger, Lakewood, Ohio

Application October 3, 1930, Serial No. 486,221

21 Claims. (Cl. 158—63)

1. In a hydrocarbon burning apparatus, the combination with a plurality of hydrocarbon burners, of a manifold for delivering hydrocarbon fuel to the burners, the said manifold forming a fuel supply reservoir for containing a sup-

ply of liquid fuel, means associated with the manifold for atomizing the said fuel for each burner, means for supplying fuel and air to the manifold,



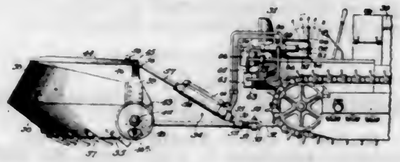
and means for controlling the fuel and air supplies, the operation of the said means being determined by the level of the liquid in the manifold.

2,063,698

SCRAPER BUCKET APPARATUS

Harry A. Roe, Gardner, Ill., assignor to Sauerman Bros., Inc., Chicago, Ill., a corporation of Illinois

Application March 2, 1934, Serial No. 713,750
28 Claims. (Cl. 37—129)



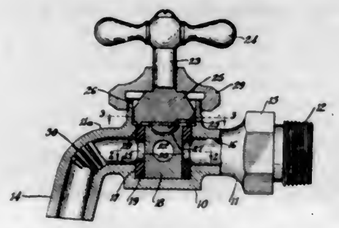
26. The combination of a scraper having a cutting edge extending simultaneously forwardly and laterally of, and in opposite directions from, the median line of the bucket, means to prevent the forward extremities of the cutting edge from entering the ground, and draft means comprising means to vary and control the vertical angular position of said bucket while the draft means in operating for the purpose set forth.

2,063,699

VALVE CONSTRUCTION

John C. Schellin, Wooster, Ohio, assignor to Akron Brass Manufacturing Company, Incorporated, Wooster, Ohio, a corporation of Ohio

Application December 22, 1934, Serial No. 758,789
3 Claims. (Cl. 251—103)



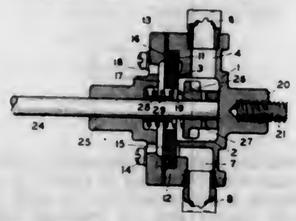
3. Valve construction including a casing having an inlet port and an outlet port, walls forming a tubular valve chamber disposed transversely between and communicating with the ports, a valve rotatable within the chamber about the axis thereof, valve operating means connected to the valve at one end of said chamber, and a resilient sleeve located between the valve and the valve chamber and having an inner surface substantially conforming to the outer surface of the valve, and the valve operating means being adapted to seal against the adjacent end of said resilient sleeve.

2,063,700

AIR BRAKE CONTROL VALVE

Dudley F. Searle, Oakland, Calif.

Application January 2, 1935, Serial No. 63
3 Claims. (Cl. 294—54)



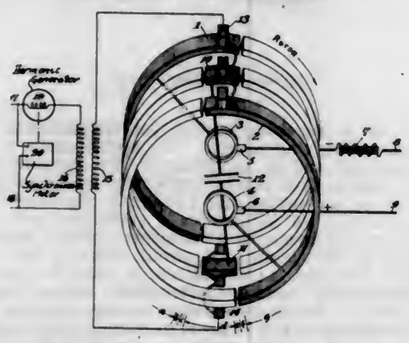
1. An air brake system including a control valve comprising a body; a resilient disk having its margins confined in said body and having a central opening therethrough; a stem extending into said body; a plunger head on said stem and adapted to engage said disk and close said opening therethrough; said body having an annular valve seat therein surrounding said plunger and adapted to be engaged by said disk; said body also having ports inside and outside the circumference of said seat and adapted to communicate with a power chamber and a source of sub-atmospheric air pressure respectively; the side of said disk opposite to said seat and plunger being exposed to atmospheric pressure at all times; said plunger being adapted to displace said disk from said seat.

2,063,701

METHOD OF AND MEANS FOR CONVERTING ALTERNATING AND DIRECT CURRENTS ONE INTO THE OTHER

Stanley S. Seyfert, Bethlehem, Pa., assignor to Lehigh University, a corporation of Pennsylvania

Application December 30, 1931, Serial No. 583,833
45 Claims. (Cl. 175—364)



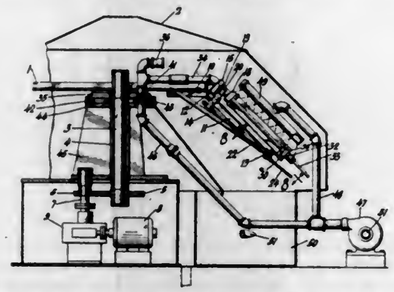
1. The method of converting alternating current into direct current comprising inducing alternating current in a coil connected with a direct current circuit, absorbing the energy of said coil as its voltage approaches zero by establishing an oscillating circuit with said coil and reversing the connections of said direct current circuit with said coil, during the time of half a complete oscillation of said circuit.

2,063,702

CORE WASHING MACHINE

Leo C. Shippy, Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application July 22, 1935, Serial No. 32,683
5 Claims. (Cl. 141—1)



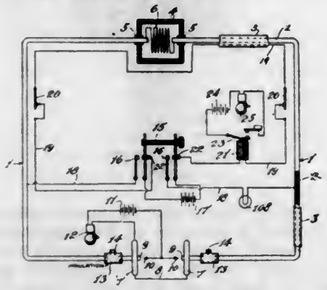
1. In a radiator core washing machine, a traveling conveyor having a series of headers adapted to fit the open ends of cores carried by the conveyor in open communication with the core interiors, means supplying the headers individually with washing liquid under pressure for flow through the cores at spaced intervals in their travel with the conveyor, and means acting automatically to promote drainage of liquid from the cores between succeeding intervals of liquid delivery, including an air inlet passage leading to the upper portion of a header and a pressure actuated valve closing said passage during liquid delivery.

2,063,703

FIRE AND TEMPERATURE ALARM SYSTEM

Joseph Siddall, Kearny, and William H. Siddall, Berkeley Heights, N. J.

Application April 22, 1933, Serial No. 667,322
13 Claims. (Cl. 177—355)



1. An alarm system including a loop of electricity conducting tubing consisting of a plurality of sections, a chamber connected to and communicating with adjacent ends of two sections of said tubing and electrically insulated therefrom, an electrical heater connected in series circuit across the ends of said two sections of tubing within said chamber, a pressure actuated signal connected to said tubing and actuated by fluid pressure generated in said tubing by heat, and an electrical circuit including said sections of tubing, said heater, a source of electricity and means for controlling operation of said heater at will.

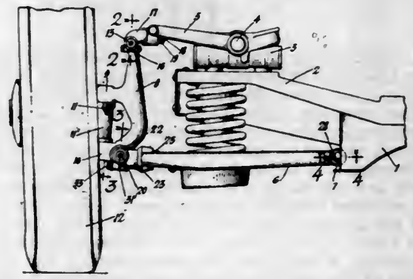
6. As a unit for use in combination fluid pressure and electrical fire alarm systems, a length of tubing and a corresponding length of wire, both embedded and inclosed in a common casing of electricity insulating and heat conducting material in insulated relation to each other.

2,063,704

AUTOMOBILE SUSPENSION SYSTEM

Frederic W. Slack, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application December 13, 1933, Serial No. 702,143
10 Claims. (Cl. 280—124)



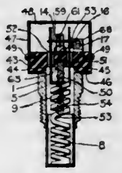
1. In a vehicle wheel suspension, wheel supporting means including a knuckle bracket, wheel displacement guiding means, and wheel adjusting means intermediate said supporting means and said guiding means, said adjusting means including a wheel caster adjusting member shiftable in the general direction of the wheel plane and means connecting said adjusting member to said knuckle bracket.

2,063,705

ELECTROTHERMOSTATIC APPARATUS

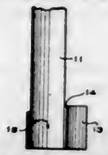
Theodore J. Smulski, Gary, Ind., assignor to The Anderson Company, Gary, Ind., a corporation of Indiana

Application April 21, 1930, Serial No. 445,994
5 Claims. (Cl. 177—351)



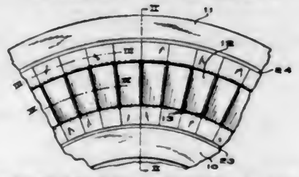
1. In an electrical controller, a thermostat comprising a pair of substantially longitudinally aligned coils of bimetallic material joined together by an end of each, the winding from the joined ends being in opposite directions, a support for said thermostat, one of said coils having its non-joined end fixedly supported by said support, an electrical heating element disposed in thermal relation to the other of said coils, means receiving rotary movement from the non-joined end of said second-named coil, said means controlling the flow of electrical current through said heating element by its rotary movement, and the number of convolutions in the first coil being greater than the number of convolutions in the second coil whereby the aforesaid rotary movement of the non-joined end of the second named coil will be effected by variations of ambient temperature.

2,063,706
METHOD OF MANUFACTURING BLADES
Carl R. Soderberg, Swarthmore, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application June 14, 1935, Serial No. 26,575
6 Claims. (Cl. 29—156.8)



1. The process of manufacturing individual turbine blades or vanes each having connected blade and spacing piece elements which comprises providing metallic blade element stock of suitable cross-section and metallic spacing piece element stock of section suitable to the blade element stock, sectioning the blade and spacing piece element stock to form blade and spacing piece elements of the required heights, bringing each blade element and its spacing piece element into proper assembled relation, connecting the assembled elements to provide a unit, and brazing together the elements of the unit to provide an individual blade.

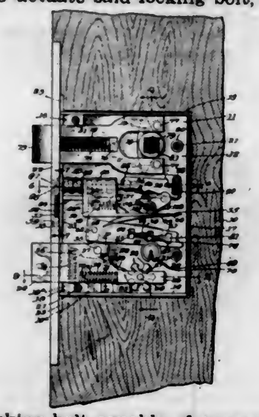
2,063,707
METHOD OF MANUFACTURING TURBINE NOZZLES
Carl R. Soderberg, Swarthmore, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application June 14, 1935, Serial No. 26,576
5 Claims. (Cl. 29—156.8)



1. The method of manufacturing a turbine nozzle group which comprises providing inner and outer metallic arcuate members and metallic vane element and spacing element stock of such section that faces of the spacing element stock are conjugate to faces of the vane element stock, cutting the stock into sections to provide vane and spacing elements, bringing a pair of spacing elements into face engagement with the end portions of each vane element to provide an assembled nozzle member, securing the elements of each nozzle member together, forming brazed connections or metallic bonds between each vane element and its pair of spacing elements, nesting the nozzle members so that the end portions engage in series and so that opposed surfaces of adjacent vane elements and opposed surfaces of intervening spacing elements define nozzle passages, and connecting the ends of the nested nozzle members to the arcuate members.

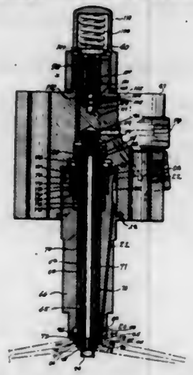
2,063,708
LOCK
Charles Swilens, Chicago, Ill.
Application April 12, 1935, Serial No. 15,997
18 Claims. (Cl. 70—29)

1. A lock comprising, in combination, a casing, a locking bolt slidably mounted therein, a locking arm on said locking bolt, a plurality of pivotally mounted tumblers, means on said arm adapted to engage said tumblers, a key post adapted to actuate said locking bolt, and means



on said locking bolt capable of engagement with said key post, said means being normally held in a predetermined position but capable of movement without actuating said locking bolt.

2,063,709
ATOMIZER
John Leonard Taylor, Milwaukee, Wis.
Application March 25, 1933, Serial No. 662,673
6 Claims. (Cl. 299—107.5)

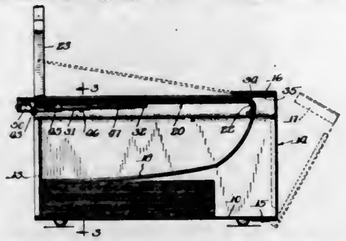


4. In a spray nozzle the combination of a body having a bore, a plurality of telescopic members movable therein, each of said members having an enlarged head seating upon adjacent surfaces exteriorly of said body, and each head together with its adjacent surfaces constituting a spray nozzle, means supplying fluid adjacent said heads under pressure sufficient to produce movement of said members, means yieldably opposing movement of each movable member, and means positively limiting the movement of one of said members to microscopic amounts.

2,063,710
AUTOGRAPHIC REGISTER
Alfred G. Traeder, Chicago, Ill.
Application November 8, 1933, Serial No. 697,093
9 Claims. (Cl. 282—21)

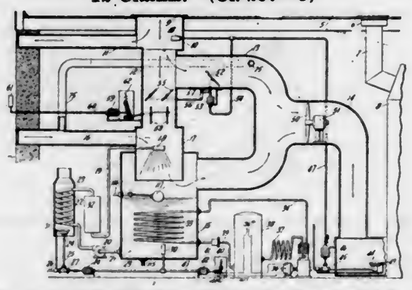
8. In an autographic register, a substantially flat writing surface, registering pins associated

therewith for holding a form in registered position on the writing surface, a delivery slide having limited slidable movement with respect to said surface for partially extracting said form, a release member carried by said slide and having operative connection with the registering pins, said member being operative to hold the form to



the slide and to simultaneously release the registering pins to permit extraction of the form by the outward movement of the delivery slide, resilient means for automatically returning the delivery slide to initial position upon release thereof, and said pins being free to perform their registering function upon said release of the delivery slide.

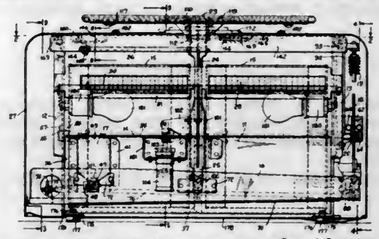
2,063,711
METHOD AND APPARATUS FOR CONDITIONING AIR
Edward T. Turner, Dayton, Ohio
Application March 22, 1934, Serial No. 716,803
12 Claims. (Cl. 257—3)



11. The method of lowering the dew point temperature of the air in a room as the dry bulb temperature of the exterior air falls which comprises subjecting a quantity of air to the action of a humidifying medium, by-passing exterior air about said humidifying medium when the exterior air falls below a predetermined dry bulb temperature and mixing the air so by-passed with the humidified air, increasing the quantity of exterior air so bypassed as the dry bulb temperature of the exterior air falls, and delivering the mixture of air to said room.

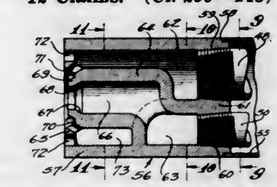
2,063,712
SCALE
Edward J. Von Pein, Endicott, N. Y., assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio, a corporation of Ohio
Application December 30, 1933, Serial No. 704,782
18 Claims. (Cl. 265—39)

1. A scale comprising a load platform, a drum chart horizontally disposed directly underneath the platform and formed in separated drum sections, a hollow inner chassis encompassing the chart, and having vertically disposed end closures for journaling the chart between them, counterbalancing means vertically disposed directly opposite to and exterior to one of the end closures and supported thereby, a base lever below the middle of the chart with its longitudinal axis disposed generally parallel to the axis of rotation of the chart, operating connections be-



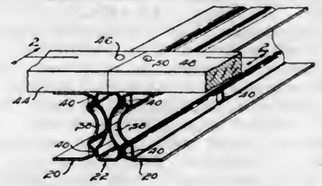
tween one end of the base lever and said counterbalancing means, means also connected to the base lever for rotating the chart under control of the counterbalancing means, and a rigid, vertically disposed, underlying support for the platform passing between said drum sections to be operatively connected at its lower end with the base lever.

2,063,713
NONCLOG ATOMIZED OIL BURNER
Joseph T. Voorheis, Los Angeles, Calif.
Application June 22, 1934, Serial No. 731,846
12 Claims. (Cl. 299—143)



1. A method of atomizing a liquid which consists in projecting a solid stream of liquid of relatively large cross section from an orifice, thereafter projecting a plurality of relatively small jets of an atomizing fluid tangentially of the stream of liquid and impinging thereagainst in uniformly spaced zones therearound, whereby rotational movement of the stream of liquid will be set up within the column and whereby dispersion of the liquid will be brought about due to the impact of the jets with the stream and the centrifugal force created in the stream particles.

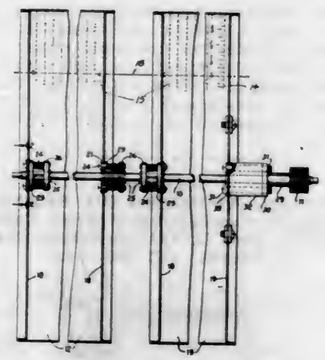
2,063,714
STRUCTURAL ELEMENT
Hugh L. Waugh, Ferndale, George Buelow, Detroit, and Henry W. Buelow, Royal Oak, Mich.; said Waugh assignor to said George Buelow and Henry W. Buelow
Application August 12, 1933, Serial No. 684,850
20 Claims. (Cl. 189—37)



1. A metallic structural element including, in combination, an intermediate portion having gen-

erally curved side faces and edge portions secured to opposite sides of said intermediate portion, said edge portions having faces complementary to said side faces and being generally spaced therefrom whereby to form a pair of parallel nail receiving slots of generally curved sectional configuration opening onto the face of said element in laterally spaced relation to one another.

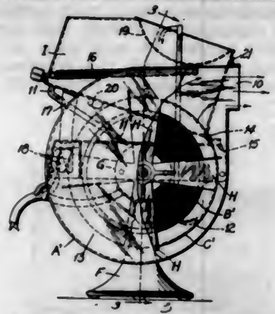
2,063,715
CHART ASSEMBLY
Raymond D. Wiley, Dayton, Ohio, assignor, by mesne assignments, to The Hobart Manufacturing Company, Troy, Ohio, a corporation of Ohio
Application June 6, 1934, Serial No. 729,263
6 Claims. (Cl. 116—129)



6. In combination, a graduated chart, a web supporting the chart, a shaft, and means for mounting the web on the shaft including a hub member slidable on the shaft and adapted to be held thereon in gripping engagement, a clamping member axially movable on the hub member to fixedly position the hub member on the shaft, and screw means extending through the chart web and securing it and the clamping member to the hub member, said screw means upon initial tightening serving to move the clamping member to clamping position on the hub member to thus maintain the hub member in fixed position on the shaft even upon subsequent loosening of the screw for release of the chart web to afford chart adjustment with respect to the fixed hub, said screw functioning upon final tightening to fixedly hold the chart web to the fixedly positioned hub member.

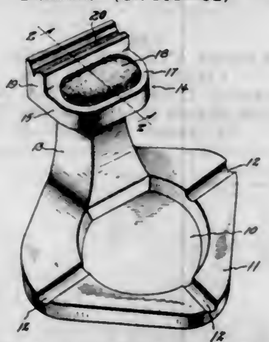
2,063,716
APPARATUS FOR TREATING AIR AND OTHER GASES
Walter Zellweger, St. Louis, Mo.
Application November 2, 1934, Serial No. 751,125
4 Claims. (Cl. 183—9)

1. An apparatus for the purpose described, comprising a rotatable fan, a casing for said fan, an electric motor for operating said fan, a filtering device arranged so that a gaseous medium drawn into the casing of the fan by the blades of same will pass through said filtering device, a device for applying a liquid treating agent to said filtering device, a rotatable collection trough for receiving liquid discharged from said filtering device, a supply reservoir for the treating liquid constructed so that the position of said reservoir will change automatically when the supply of liquid in said reservoir becomes diminished, and



a control switch for the energizing circuit of the motor governed by the position of said reservoir.

2,063,717
ASHTRAY FOR EXTINGUISHING CIGARETTES OR CIGARS
Michael Barbiere, Huntington Station, N. Y.
Application May 18, 1935, Serial No. 22,166
1 Claim. (Cl. 131—51)



An article of manufacture including an ash receiving tray, a vertical pedestal arranged at one side of said tray and formed integral therewith, the upper end of said pedestal being formed to define an open well having front, rear and side walls with the walls thereof so constructed as to extend laterally beyond the walls of said pedestal, the rear wall being of greater thickness than the other walls and extending above the top of said well, and being formed on its top side with a V-shaped groove extending transversely of said pedestal, said extended wall portion being adapted to support either a box or book of matches, said well being adapted to contain an extinguishing fluid and a fluid absorbent means superposed thereon, and a holding means for said fluid absorbent means comprising a horizontally inwardly directed flange integrally formed on the upper peripheral edge of the front and side walls of said well, and extending across the face of said rear wall.

2,063,718
CONNECTER
Arthur A. Berndt, Chicago, Ill., assignor to Electroline Company, Chicago, Ill., a corporation of Illinois
Application February 23, 1934, Serial No. 712,597
10 Claims. (Cl. 173—303)

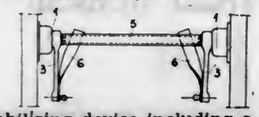
1. A connecter for connecting electrical conductors, wires and the like, comprising a casing

having its end portions reduced in diameter to form tapering end portions, gripping members housed within the casing and located in the tapering end portions respectively, said gripping members being adapted to grip and hold the wires inserted into the casing against outward movement, a coil spring located centrally of the cas-



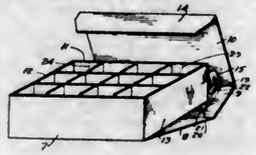
ing for holding the gripping members in contact with the walls of the end portions, and a pair of cup-shaped members housed by the casing and providing seats for the respective ends of said coil spring, said cup-shaped members having their open ends directed toward each other and adapted to contact with each other to prevent full compression of the coil spring.

2,063,719
STABILIZING DEVICE FOR VEHICLES
Jean Martin-Binachon, Pont-Salomon, France, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application March 16, 1934, Serial No. 715,985
In France March 29, 1933
2 Claims. (Cl. 267—11)



1. A stabilizing device including a chassis element, an axle, and spring elements connecting the chassis and axle, a lever system connecting one spring element through the chassis with the other spring element, shock absorbers, one associated with each spring, the several shock absorbers being interposed in said lever system, said lever system including a tube rotatably mounted between the shock absorbers, and including resiliently distortable blades, one end of each blade connected to one end of said tube and the other end of each blade connected to the adjacent shock absorber.

2,063,720
ONE-PIECE EGG CARTON
Harry Blau, Brooklyn, N. Y.
Application April 29, 1935, Serial No. 18,732
4 Claims. (Cl. 229—29)



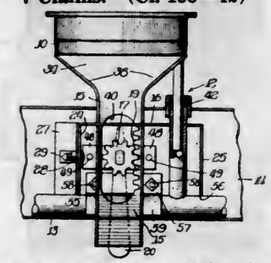
1. An egg carton of the type having a filler permanently positioned therein, comprising a rectangular-shaped homogeneous frame having solid side and end members without folds, creases or slits therein, open at the top and bottom, partitions forming a filler with the ends permanently mounted in said frame, said frame and filler adapted to be collapsed by folding at the corners only, with one side substantially against the other and with one end extending outward and the other resting upon one of the sides, and in which the ends of the partitions forming the filler stop short of the side forming the front from a point substantially midway of the height of the frame to the top thereof, and a cover extending around the frame.

2,063,721
GALVANIZING APPARATUS
Albert F. Bradley, Sterling, Ill., assignor to Northwestern Barb Wire Company, Sterling, Ill., a corporation of Illinois
Application October 8, 1934, Serial No. 747,415
3 Claims. (Cl. 91—12.5)



3. A galvanizing apparatus comprising a tank for containing a bath of molten zinc, means for guiding flexible material along said tank and for immersing spaced lengths of said material in said bath, a housing for enclosing the unimmersed portion of said material between the points of immersion, walls of said housing extending into said bath to form a seal therewith, and means for introducing a non-oxidizing atmosphere into the space enclosed by said housing.

2,063,722
OIL STOVE BURNER MECHANISM
William T. Bradbury, Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass., a corporation of Massachusetts
Application September 29, 1934, Serial No. 746,176
7 Claims. (Cl. 158—42)



1. In a burner mechanism of the character described, a burner bowl providing a peripheral fuel trough and having a hollow interior open toward the bottom, a member bridging the upper part of said bowl, and a vertical sheet metal standard having a head portion centrally supporting said bowl and including an upper horizontal flange secured to said member, said head portion having flanges at its side edges engaging with the sides of said bowl and providing additional connection between the standard and bowl.

2,063,723
PLUG CONNECTER WITH INTERCHANGEABLE FUSES
Solomon Brody, Brooklyn, N. Y., assignor of one-fourth to Harry Pearlman, one-fourth to Meyer Golub, and one-fourth to Aaron Borowsky, all of Brooklyn, N. Y.
Application November 7, 1935, Serial No. 48,712
6 Claims. (Cl. 200—115.5)

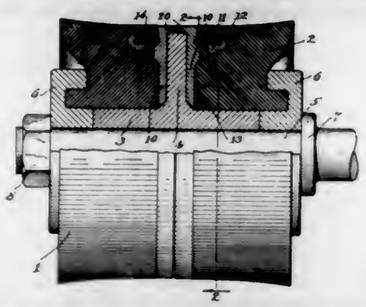


1. A plug-connecter with interchangeable fuses, for electrical devices, comprising a body having a

removably mounted cap, spaced terminals mounted on said body and extending from the bottom end thereof, said body having passages for fuses, fuses within said passages and resting against said terminals, a bridging element for holding said fuses within said passages.

5. A plug-connecter with interchangeable fuses, for electrical devices, comprising a body having a removably mounted cap threadedly engaged on the body, spaced terminals mounted on said body and extending from the bottom end thereof, said body having passages for fuses, fuses within said passages and resting against said terminals, a bridging member within said cap, means for keeping said bridging member firmly in position over the top ends of the fuses, metallic extremities protruding from the bridging member, said extremities being in contact with the top ends of the fuses and a binding post on each of the said metallic extremity of the bridging member.

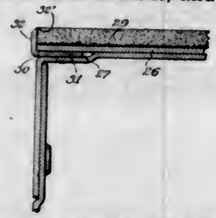
2,063,724
PISTON
Earl E. Cater, Los Angeles, Calif., assignor, by mesne assignments, to MacClatchie Manufacturing Company, Compton, Calif., a corporation of California
Application April 4, 1933, Serial No. 664,318
6 Claims. (Cl. 309—4)



1. In a piston, packing annuli of readily compressible material having an outer peripheral working surface, and an abutment means between the packing annuli, said abutment means including a radial flange terminating radially short of the peripheral working surface of the packing annuli and reinforcements at the respective sides of the radial flange and flanged at their outer peripheries with the flanges of said reinforcements overlying the periphery of the radial flange for contact with the wall of the cylinder in which the piston is adapted to operate, the flanged reinforcements being brass plates of some appreciable thickness fixed to the proximate ends of the packing annuli.

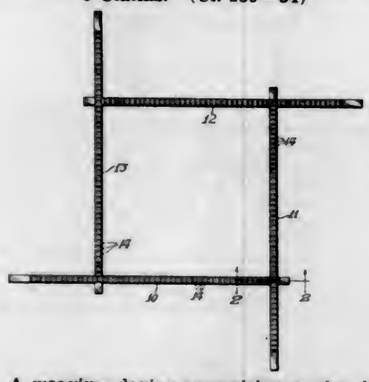
2,063,725
EDGE BINDER FOR FURNITURE TOP SURFACING MATERIAL
James R. Clark, Rochester, N. Y., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y., a corporation of New York
Application August 29, 1927, Serial No. 216,284
5 Claims. (Cl. 311—107)

4. An edging for top surface members of desks and the like comprising a top surface supporting element, a frame-like main edge member having a generally horizontal flange underhanging the said supporting element and an integral flange depending from the outer edge of the horizontal flange, the horizontal flange having an outer portion offset downwardly from the bottom surface of the said supporting element and an inner portion secured to said element, and an edge strip



along said surface member, said strip having an inwardly directed horizontal flange between said element and said offset flange portion, said flange of said strip contacting with and being secured in place solely by said downwardly offset portion and said element.

2,063,726
WEAVING DEVICE
Albert B. Collingbourne, Elgin, Ill.
Application October 21, 1935, Serial No. 45,853
5 Claims. (Cl. 139—34)

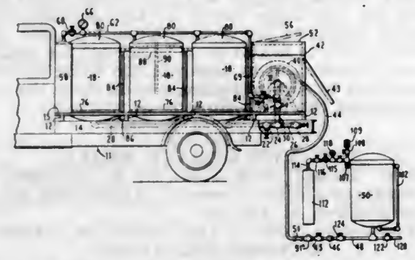


1. A weaving device comprising a plurality of identical pieces assembled in the form of a frame and held together by frictional engagement, each piece being of uniform width and having a plurality of uniformly spaced teeth projecting from its top, a deep notch extending downwardly from the top of the piece near one end of each piece, and a plurality of open bottom notches in the bottom of each piece, the side walls of the deep notch of one piece extending upwardly and engaging the side surfaces above one of the open bottom notches of another piece.

2,063,727
APPARATUS FOR TRANSPORTATION AND DELIVERY OF BEER
Augustine Davis, Jr., Cincinnati, Ohio
Application April 1, 1933, Serial No. 663,882
7 Claims. (Cl. 225—17)

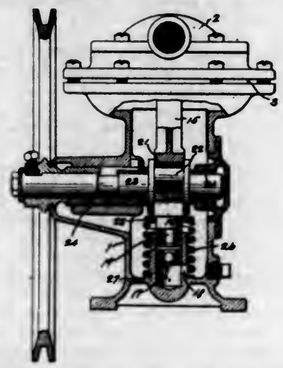
2. A beer truck comprising a platform, a plurality of substantially cylindrical beer tanks mounted on the platform with their axes substantially vertical, a beer manifold, valved pipes for selectively connecting the respective tanks with the manifold, a hose reel rotatably supported on the truck by a hollow axle, piping for supplying beer from the manifold to the hollow axle, a hose

adapted to be wound on the reel, means connecting one end of the hose with the hollow axle, and a heat-insulated box housing said reel, axle,



and hose to keep them cool between successive deliveries when the truck is operating over a delivery route.

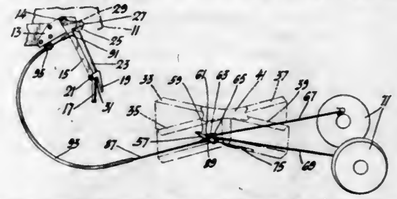
2,063,728
COMPRESSOR
Edward J. De Ville, Dayton, Ohio, assignor, by mesne assignments, to The Creamery Package Mfg. Company
Application November 18, 1933, Serial No. 698,634
3 Claims. (Cl. 230—170)



1. The combination with a compressor including a housing provided with intake and discharge chambers, a piston and actuating means therefor, of intake and discharge valves associated with said chambers, at least one of said valves being characterized by a cup-shaped valve seat, the seat having perforations in its side, a valve disc located within the cup shaped seat, a valve stem therefor, a retracting spring for the disc and a stop member positioned in spaced relation with the disc and engaging the disc medially of different radii to thereby support the valve disc in substantially balanced parallel relation with its seat when it is in unseated position.

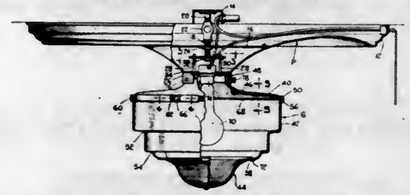
2,063,729
EMERGENCY BRAKE HOOK-UP
James Dykstra, Lansing, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application September 25, 1935, Serial No. 42,017
8 Claims. (Cl. 188—2)

1. Brake applying means for a vehicle having a frame bar, said bar having a slot, a lever fulcrumed within and about an end of said slot, cable means attached to and extending from said lever and operable to apply brakes when the lever is rocked about its fulcrum, brake actuating



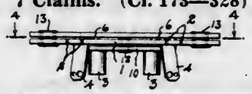
means including a second lever and connecting means between said levers.

2,063,730
LIGHTING FIXTURE
Percy I. Elias and Michael Angelo Elias, 2d, Long Beach, N. Y.
Application November 23, 1934, Serial No. 754,445
10 Claims. (Cl. 240—78)



1. An enclosed globe for a lighting fixture, said globe comprising a top lens of large area, a generally cylindrical inwardly stepped body, and a bottom lens of small area, said lenses being made of pressed crystal glass with a prismatic cut on the lower surface and said body being of smooth translucent glass, the body and top lens being secured together by a metallic fitting, and said bottom lens being readily detachably secured to the body.

2,063,731
RADIO TUBE SOCKET
Albert W. Franklin, New York, N. Y., assignor of one-half to Edwin R. Berger, West Long Branch, N. J., and Jacob Poster, Brightwaters, N. Y., jointly
Application October 18, 1934, Serial No. 748,872
7 Claims. (Cl. 173—328)

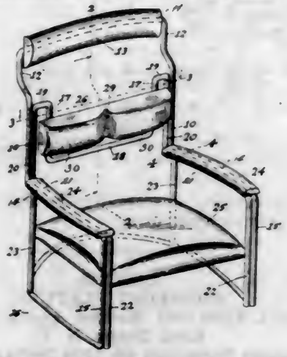


1. A device as described comprising a supporting member, a plurality of radiating slots formed therein, contact terminals slidably mounted in said slots and an apertured plate, said contact terminals forming portions lying in the apertures of the plate to hold the contact terminals against radial movement in the slots.

2,063,732
CHAIR
Florence L. Gailey, Los Angeles, Calif.
Application November 30, 1934, Serial No. 755,406
5 Claims. (Cl. 155—158)

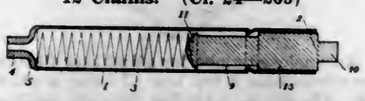
1. In a chair, a back frame including spaced upright members, a cross rail connecting the upper ends of said members, said cross rail and the upper portions of said upright members being offset rearwardly with respect to the lower portions of said upright members, a pad mounted

on said cross rail, a cushioned back rest and means for adjustably connecting the end portions



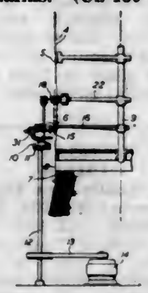
of said cushioned back rest to the upright members of the back frame below said offset upper portions.

2,063,733
SPRING BAR
Charles B. Greenberg, New York, N. Y.
Application January 25, 1935, Serial No. 3,443
12 Claims. (Cl. 24—265)



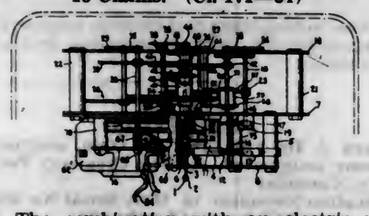
1. A spring bar having a hollow tube projecting inwardly near one end and narrowed at the other end, said inward projecting part sloping inwardly toward the narrowed end and ending in a shoulder substantially normal to and joining the hollow tube, a spring inside said tube and a trunnion partly in said tube, the end of the trunnion extending beyond the tube being narrowed and the other end ovate shaped and a recessed portion near said ovate shaped end into which the inward projecting part of the tube extends.

2,063,734
SHEDDING MECHANISM FOR CIRCULAR LOOMS
Frank Corbyn Hale and William Howarth, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application June 22, 1935, Serial No. 27,835
In Great Britain July 13, 1934
4 Claims. (Cl. 139—16)



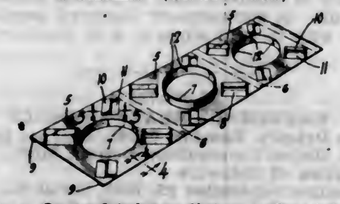
1. A multi-shuttle circular loom including means to cause the shuttles to rotate about the axis of the loom and shedding mechanism comprising a heald support, a plurality of banks of magnetic healds mounted radially in the support, and electro-magnets mounted in advance of the several shuttles so as to rotate round the loom at the same speed as the shuttles, the electro-magnets being positioned opposite selected banks of healds so as to attract the healds in said banks and to separate the warp threads controlled by the attracted healds from the remainder of the warp threads.

2,063,735
MAXIMUM DEMAND METER
Ret O. Hamill, New York, N. Y., assignor to Sangamo Electric Company, Springfield, Ill., a corporation of Illinois
Application April 28, 1934, Serial No. 722,905
13 Claims. (Cl. 171—34)



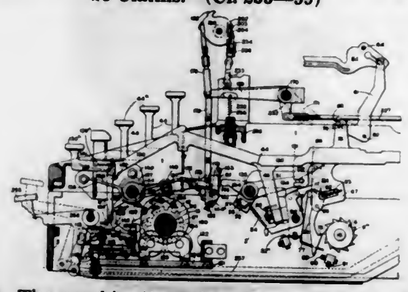
12. The combination with an electric meter motor shaft, of a member driven forward thereby, timed means for detachably connecting said member in driving relation to said shaft, said member having an initial position and moving forward therefrom when connected with said shaft, means for returning said member to its initial position when disconnected from said shaft, a second member moved forward by the first mentioned member when it is driven by said shaft but remaining, during the return movement of the first mentioned member, in the position to which it has been driven by the said first mentioned member whereby said second member takes up a position according to the maximum demand per interval for a series of time intervals, said second member being retractible to an initial position at the end of said series of intervals, means for indicating the summation of the said maximum demands for a plurality of said series of time intervals, driving means including frictional driving means, for connecting said summation indicating means with said second member and means for preventing said summation indicating means from being retracted.

2,063,736
HEAT EXCHANGER
Frank M. Hardiman and Laurence P. Saunders, Lockport, N. Y., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application March 8, 1935, Serial No. 9,938
2 Claims. (Cl. 257—262)



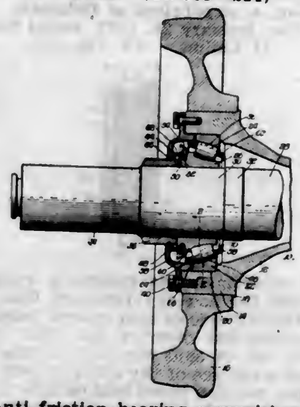
1. In a fin and tube radiator, a fin strip comprising a continuous ribbon having a series of spaced openings therein and being reversely folded at intervals to provide a series of spaced fins with said openings in alinement to receive a tube, each fin having therein a series of circumferentially spaced slits in radial relation to the opening in the fin, with the material immediately adjacent and on opposite sides of each slit pressed in opposite directions out of the plane of the fin for cooperation in providing an inclined chuted opening through the fin.

2,063,737
COMBINED TYPEWRITING AND COMPUTING MACHINE
Frederick A. Hart, New Britain, Conn., assignor to Remington Typewriter Company, Ilion, N. Y., a corporation of New York
Application January 24, 1931, Serial No. 510,941
23 Claims. (Cl. 235—59)



1. The combination of computing mechanism, printing mechanism, and power-actuated controlling means for said computing and printing mechanisms, comprising a series of key selected actuating members each movable from and back to normal position, spring means for moving each of said members in one direction, power-actuated means for positively moving each of said members in the opposite direction against the force of its spring means, means for actuating the computing mechanism by an actuation of each of said members by its spring means, and means for operating the printing mechanism by the movement of each of said members in the opposite direction under the operation of its power-actuated means.

2,063,738
WHEEL AND AXLE ASSEMBLY
William C. Hedgcock, Wilmette, Ill., assignor to American Steel Foundries, Chicago, Ill., a corporation of New Jersey
Application April 8, 1931, Serial No. 528,547
10 Claims. (Cl. 308—214)



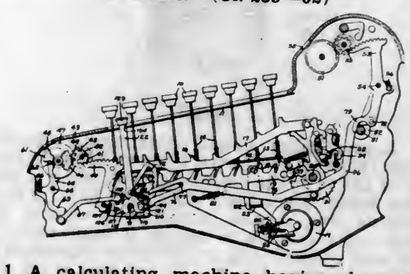
1. An anti-friction bearing comprising spaced race members, a plurality of rollers therebetween and having cooperative rolling engagement with the bearing surfaces of said race members, means on one of said race members cooperating with said rollers for transfer of lateral thrust therebetween, and a cage for retaining said rollers, said cage having a surface complementary to and contacting a substantial portion of the bearing surface of the outer of said race members at the central part thereof over which said rollers roll whereby the same is guided during operation.

2,063,739
TRUCK
William C. Hedgcock, Wilmette, and Harold C. Keysor, La Grange Park, Ill., assignors to American Steel Foundries, Chicago, Ill., a corporation of New Jersey
Application July 21, 1931, Serial No. 552,152
27 Claims. (Cl. 105—182)



1. In a car truck, a side frame having a pedestal and a spring seat, and a pedestal wearing plate engaging the face of said pedestal and said spring seat.

2,063,740
CALCULATING MACHINE
Robert R. Henderson, Detroit, Mich., assignor to Burroughs Adding Machine Company, Detroit, Mich., a corporation of Michigan
Application March 12, 1934, Serial No. 715,074
6 Claims. (Cl. 235—62)

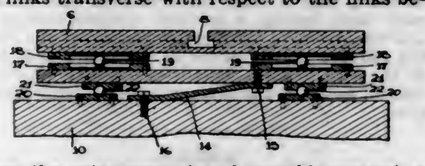


1. A calculating machine having depressible amount keys, differential mechanism controlled by said keys, a register mechanism having pinions controlled by said differential mechanism, a second register mechanism, means for transferring totals from said first register to the second comprising independent means for transferring the indication of each register pinion of one register to the corresponding pinion of the second register, and adjustable means operable when in one position to prevent the operation of predetermined elements of said independent means upon transfer operations.

2,063,741
SELF-CENTERING DEVICE
Robert L. Hibbard, Bellevue, Pa., assignor of one-half to William K. Stamets, Pittsburgh, Pa.
Application July 28, 1936, Serial No. 93,012
7 Claims. (Cl. 10—107)

1. In combination, an outer support, a movable support back of the outer support parallel therewith, a fixed support back of the movable

support parallel therewith, a parallel link connection between the outer support and the movable support, a parallel link connection between the movable support and the fixed support with the links transverse with respect to the links be-



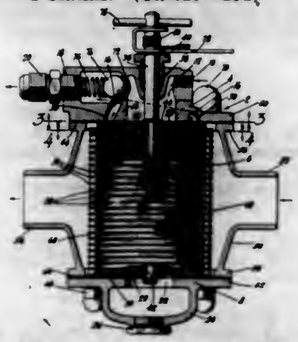
tween the outer support and movable support, a plurality of curved ball races between the outer support and the movable support and between the movable support and the fixed support and anti-friction balls in said races.

2,063,742

COMBINED METAL PLATE OIL FILTER AND OIL COOLER

John Ralph Holmes, Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application April 7, 1934, Serial No. 719,610
4 Claims. (Cl. 210—191)



3. In an oil filter, a stack comprising a plurality of superposed metal plates, a spacer between each pair of plates at the outside thereof, some of said plates being larger than the others to form heat radiating fins, means permanently closing the outside of the stack to render it impervious to fluid, said stack having a plurality of independent passages to allow the in and out flow of oil, the oil passing through the spaces between the plates in its passage through the filter, and means to conduct the oil to and from the filter.

2,063,743

FILTER ELEMENT

Herbert G. Kamrath, Flint, Mich., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application July 5, 1932, Serial No. 620,759
3 Claims. (Cl. 183—45)



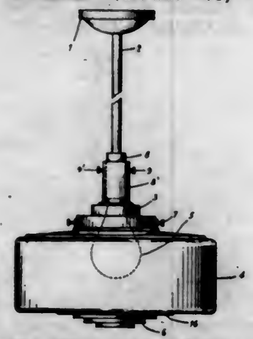
3. In an air cleaner, a dust collecting element in which there is included an adhesive coated strand of metal fabricated into a body of predetermined structure, the strand having therein transversely extending angularly related relatively deep non-coplanar corrugations which prevent undesirably close interfitting and packing of the juxtaposed portions thereof.

2,063,744

LIGHT DIFFUSION FIXTURE

Sam Kramer, Elizabeth, N. J., assignor to Beaux Arts Lighting Co., Inc., New York, N. Y., a corporation of New York

Application June 16, 1936, Serial No. 85,450
1 Claim. (Cl. 240—78)



In an electrical illuminating fixture of the type ordinarily suspended from the ceiling, and which fixture employs a glass bowl housing an electrical bulb, said bowl being provided with an opening in the bottom thereof, a metallic louver comprising a plurality of bands each having the shape of a conical frustrum, means rigidly maintaining the bands in concentric relation about a common axis, means securing the outer band to the rim of the bowl opening, the bands projecting progressively greater distances from the bowl opening from the outermost band to the innermost band, all the surfaces of said bands being coated with a material imparting a dull silvery lustre thereto, and the bands being outwardly flared whereby illumination of the coated surfaces causes the exposed surfaces of the bands to simulate glass.

2,063,745

REFRIGERATION

Andrew A. Kucher, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware

Application January 28, 1933, Serial No. 654,085
11 Claims. (Cl. 138—43)



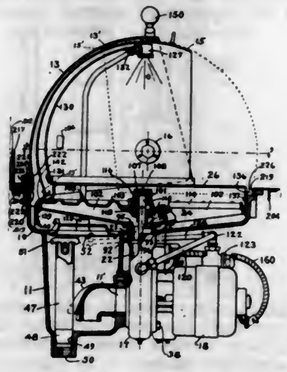
1. In a refrigerating system, a restrictor for controlling the flow of refrigerant from the high side to the low side of said system comprising an outer cylindrical member, an inner cylindrical member, one of said members having a groove adjacent a surface of the other of said members, said outer member being held on said inner member by pressure derived from temperature change shrinkage.

2,063,746

WASHING MACHINE

David A. Meeker, Troy, Ohio, assignor to The Hobart Manufacturing Company, Troy, Ohio, a corporation of Ohio

Application November 3, 1930, Serial No. 492,915
27 Claims. (Cl. 141—?)



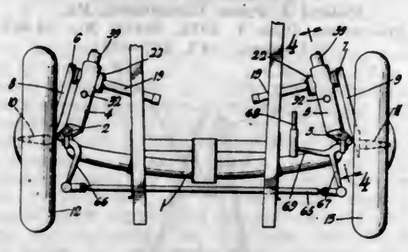
1. A washing machine assembly of the character described comprising in combination, a supporting table having a table top provided with an opening therein, a washing machine having an open top tank removably carried by said table opposite said opening with the level of said open top tank at substantially the level of said table top, and having a cover removably fastened to said tank, interfitting flanges between a portion of said washing machine and said table top providing drainage from the cover onto said table top and restraining leakage through the said opening through the table top, and additional interfitting flanges between said table top and said open top tank providing drainage from said table top into the interior of said tank.

2,063,747

SPRING SUSPENSION

Maurice Olley, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application August 22, 1935, Serial No. 37,311
20 Claims. (Cl. 267—57)



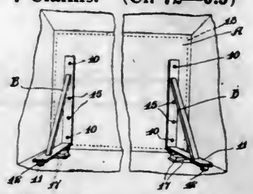
1. In a springing system of the torsion rod type which is subjected to a changing load, means reducing the inherent rate of the torsion rod spring in its normal load position and increasing the effective rate thereof as the load changes from normal and the torsion rod spring is deflected from its normal position, said means including an auxiliary spring acting on a lever arm rigidly connected to a part of the torsion rod which is torsionally deflected by the load.

2,063,748

METHOD OF MOVING AND RESETTING TILE WALLS

Edward Olsen, St. Paul, Minn., assignor to Alexander H. Cathcart and Louis A. Villaume, St. Paul, Minn.

Application May 29, 1935, Serial No. 24,011
7 Claims. (Cl. 72—0.5)



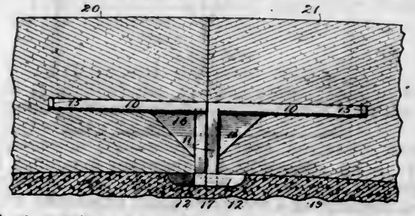
1. The method of moving tile and similar building walls comprising attaching to the wall bracket members having caster wheels, then cutting the marginal edge of the wall away to free the wall from the connecting members of the building, then moving the wall to the desired position and resetting it to provide a partition at a different place.

2,063,749

ROAD JOINT FORMING MEANS AND CONSTRUCTIONS MAKING USE THEREOF

Frank O. Parker, Buffalo, N. Y., assignor to Acme Steel & Malleable Iron Works, Inc., Buffalo, N. Y., a corporation of New York

Application February 6, 1935, Serial No. 5,187
13 Claims. (Cl. 94—18)



1. A roadway having a longitudinal joint between its slabs or sections, and joint forming means connecting the slabs across the joint and including two members anchored one in each of the opposed slabs and each provided with a supporting foot to engage underneath a portion of the adjacent slab, and means for establishing a positive interfitting of one anchored member with the other.

2,063,750

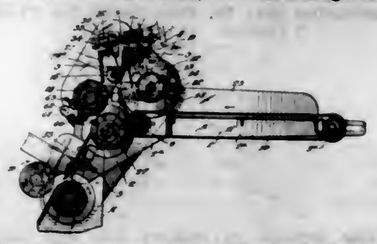
DOUGH WORKING MACHINE

Edward T. Parsons, Upper Montclair, N. J., assignor to Thomson Machine Company, a corporation of New Jersey

Application February 11, 1936, Serial No. 63,297
8 Claims. (Cl. 107—9)

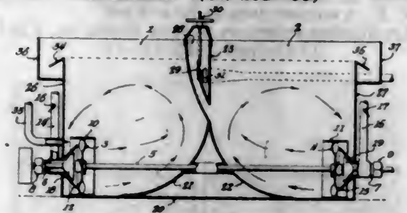
1. The combination with a loaf moulding machine having a frame and sheeting rolls, of a feeding and dough conditioning apparatus comprising a main frame mounted on the frame of the dough molding machine, a belt conveyor mounted on said frame with one end above said sheeting rolls, a roller above and cooperating with said conveyor to flatten a lump of dough between them, a supplemental frame pivotally mounted at one end on said main frame and carrying said roller, means for adjusting said supplemental frame to vary the distance between said roller and said conveyor, a dough conditioning roller journaled

on said main frame between said conveyor and said sheeting rolls of the molding machine to receive dough directly from said conveyor, a yoke pivotally mounted on said main frame on the same axis as said supplemental frame and at the opposite side of said axis, a second dough condi-



tioning roller mounted in said yoke to cooperate with the first conditioning roller to receive the flattened lump between them, and means for adjusting said yoke to vary the distance between said dough conditioning rollers to squeeze the flattened lump between the rollers and distribute the gases in the lump.

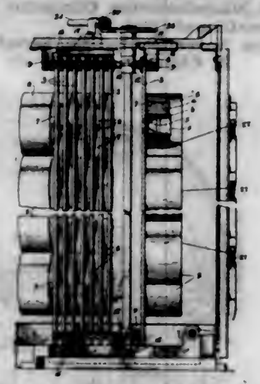
2,063,751
FROTH FLOTATION MACHINE
John Mark Patek, Milwaukee, Wis.
Application September 13, 1934, Serial No. 743,923
4 Claims. (Cl. 261—93)



1. In an apparatus for flotation machines for inducing aeration and agitation, the combination comprising a rotatable shaft extending within a flotation machine enclosure, a stator casing of conical form surrounding and axially placed with respect to said shaft and occupying a position in the lower portion of said enclosure, air-admitting means communicating with said stator and extending to a point outside of said enclosure, a conical rotor mounted on said shaft to turn therewith positioned within said stator to form a thin conical space therewith, an impeller adjacent said rotor and mounted on said shaft to turn therewith, said impeller being provided with blades intersecting the conical surface of said rotor extended, and a shroud surrounding said impeller.

2,063,752
CREEL
Burt A. Peterson, Rockford, Ill., assignor to Barber-Colman Company, Rockford, Ill., a corporation of Illinois
Application December 19, 1931, Serial No. 582,003
15 Claims. (Cl. 242—131)

1. A creel comprising a framework, an endless track in the upper portion of said framework, an endless series of yarn-mass carriers, each carrier having a roller arranged to run upon said track, a flexible element connecting said carriers together in spaced relation, means for supporting and driving said flexible element, a series of yarn guides located along a portion of the circuit through which said carriers are arranged to travel, a member connected to each carrier, and a guide arranged to be engaged by said mem-



bers to retain said rollers on said track at points between the flexible-element-driving means and to prevent said carriers from swaying with reference to said yarn guides.

2,063,753
REAMER
Edward J. Pohlman, Detroit, Mich.
Application September 27, 1932, Serial No. 635,092
1 Claim. (Cl. 77—72)



A reamer comprising a cylindrical body fluted axially to provide intercurrent roughing and finishing teeth of which the faces of the latter are arranged in radial planes and the faces of the former in planes back of but at a slight angle to said radial planes.

2,063,754
ICE CREAM DIPPER
Robert J. Price, Uniontown, Pa.
Application June 4, 1935, Serial No. 24,863
3 Claims. (Cl. 107—48)



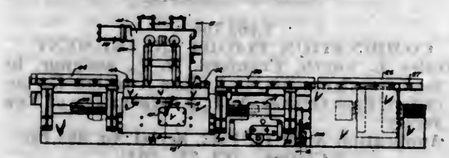
3. An ice cream dipper composed of a pair of dipping sections each open at the bottom and closed at the top, a handle secured to each of said sections, said handles being pivoted to each other at a point spaced from the sections and on an axis extending through a point at the closed top portions of the sections.

2,063,755
APPARATUS FOR MAKING CORED THREADS AND THE LIKE
Robert Pierce Roberts, William Harry Kimpton, and Robert McVane Dingley, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application September 18, 1935, Serial No. 41,080
In Great Britain September 28, 1934
4 Claims. (Cl. 117—42)



1. Apparatus for making cored thread, comprising a hollow spindle adapted to support a bobbin, means for rotating such bobbin, a knob on the end of the hollow spindle and having a hole formed therein to permit of the passage from the spindle of a core thread to be covered by thread unwinding from the bobbin, a ring-and-traveller device disposed coaxially with the spindle and adapted to control the unwinding of the covering thread from the bobbin, and a rotatable disc disposed coaxially with the spindle between the knob and the ring-and-traveller device and adapted to guide the covering thread from the ring-and-traveller device to a point on the surface of the knob near to the hole.

2,063,756
BROACHING MACHINE
Millard Bomaine, Cincinnati, and Erwin G. Roehm, Norwood, Ohio, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio, a corporation of Ohio
Application March 1, 1933, Serial No. 659,226
8 Claims. (Cl. 90—33)



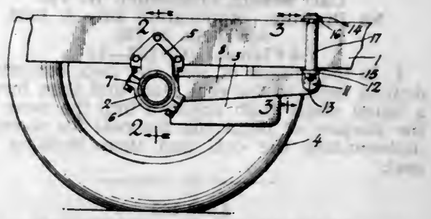
8. A broach for the purpose described including a hollow bed, of ways contained within the bed, a table member slideably mounted upon the ways, means for hydraulically effecting a feeding movement of the table in one direction and a rapid traverse movement thereof in the opposite direction, a surface broach member rigidly mounted upon the table and movable therewith for performance of a broaching operation, spaced work supporting portions rising from the bed and extending in overlying relation with the table, the spacing of said members providing a slot through which the broach on the table projects, means for securing a work piece to the bed in spanning relation to said slot whereby traverse of the broach will cause the same to operate on the intermediate portion of the work piece which spans said slot, and pressure responsive means carried by the bed and effective during feeding movement to dampen surging of the table and its supported broaching tool with respect to the bed.

2,063,757
RADIATOR CORE
Laurence P. Saunders, Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application December 29, 1934, Serial No. 759,659
4 Claims. (Cl. 257—130)



4. An automobile radiator assembly, including a pair of headers spaced vertically and longitudinally of each other, a series of transversely spaced straight sided tubes extending in inclined relation between the tanks and being successively offset from one another rearwardly from the longitudinal center line of the assembly, and a succession of vertically spaced fins in the spaces between the tubes, each fin being offset vertically from the next adjacent fin to conform with tube inclination and extending longitudinally of the assembly and diagonally in relation to the inclination of said tubes for cooperation with adjacent fins to provide substantially horizontal air cells.

2,063,758
LAMINATED RUBBER MOUNTING
Eric Olle Schjolin, Pontiac, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application September 27, 1935, Serial No. 42,390
5 Claims. (Cl. 280—106)



1. In a motor vehicle, a cushioning connection for use between a pair of framing members, including a rubber strip, a pair of metal parts adapted for rigid association with said framing members and arranged on opposite sides of the rubber strip with their adjacent faces surface bonded to the rubber strip, rubber strips surface bonded to the remote faces of said metal parts, and a casing rigid with one of the frame members in embracing relation to said rubber and metal parts but free of mechanical bond with the rubber strips.

2,063,759
BASKET COVER AND SIMILAR STRUCTURE
Albert H. Schmidtke, St. Joseph, Mich., assignor to St. Joseph Iron Works, St. Joseph, Mich., a corporation of Michigan
Application April 9, 1934, Serial No. 719,667
7 Claims. (Cl. 217—124)

1. In a structure of the class described the

combination of a flat element of thin material having a reinforcing strip along the edge thereof, and fasteners at intervals along the strip and securing said strip to the flat element, each of said fasteners comprising a length of wire the middle portion of which is engaged over the



flat element and has legs integral therewith and depending therefrom at the inner side of the reinforcing strip and said legs having out-turned lower end portions engaged with the bottom portion of the strip and the outer extremities of said lower end portions being bent up against the outer side of the strip.

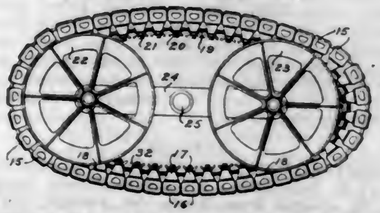
2,063,760
BATH FOR AND PROCESS OF ELECTRO-DEPOSITION OF METAL
Joseph Schulein, Rockford, Ill.
No Drawing. Application September 10, 1931, Serial No. 562,201
3 Claims. (Cl. 204—1)

1. The process of electro-depositing chromium which consists in passing a current of approximately 4 amperes per square inch through an aqueous chromium plating bath containing approximately 4.38 M chromium trioxide, chromium sulphate and cobalt sulphate, the ratio of the chromium trioxide molarity to sulphate normality being within the range of from 50 to 200, the cobalt sulphate being present in an amount to supply one-half of the sulphate content of the bath and insufficient to produce a cobalt alloy in an appreciable amount, and maintaining the composition of the bath substantially unchanged during the electrolysis.

2,063,761
COAL MINING
Carl Scholz, Charleston, W. Va.
No Drawing. Application July 3, 1935, Serial No. 29,736
6 Claims. (Cl. 262—1)

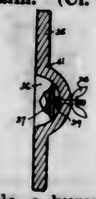
1. In the mining of coal, the steps comprising drilling holes in the coal seam and then forcing a liquid under high pressure into the seam for the purpose of preparing the coal for shooting, undercutting the coal and then shooting the coal.

2,063,762
ENDLESS TRACK STRUCTURE
Edward H. Schultz, Milwaukee, Wis.
Application April 14, 1933, Serial No. 666,070
Renewed July 5, 1935
14 Claims. (Cl. 305—10)



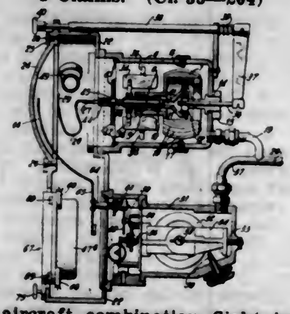
2. In combination, an endless series of shoes forming a substantially continuous tread surface and each having lugs coacting with recesses in the adjoining shoe near said surface, a plurality of laterally flexible cable loops disposed within said series remote from said surface, and a clamp rigidly connecting each cable loop to each shoe, the distance between centers of the successive clamps being less than the distance between centers of the successive corresponding shoes near said tread surface when the shoes are nearest each other at points adjacent said surface.

2,063,763
AUTOMOBILE BUMPER
Solomon Shapera, Mamaroneck, N. Y.
Application February 16, 1933, Serial No. 657,036
1 Claim. (Cl. 88—81)



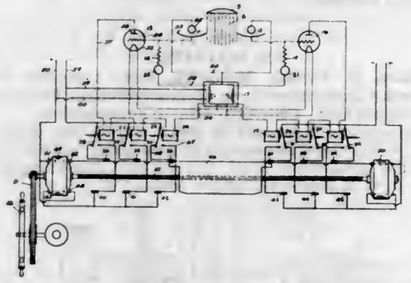
In an automobile, a bumper having a plurality of indentations and a plurality of reflectors; means for mounting said reflectors in said indentations at a depth at which said reflectors lie entirely within the indentations whereby they are protected from contact with an external body colliding with said bumper; said means comprising screw members secured to each of said reflectors and extending through individual openings in said bumper; and nuts individual to and mounted on the ends of said screw members protruding from the opposite side of said bumper; shock absorber means interposed between said bumper and said reflectors comprising individual springs interposed between said bumper and said reflectors; said reflectors being provided with a plurality of facets for reflecting the light impinging thereon back to the source of said light; the sides of said indentations sloping to form a relatively wide field of reflection for said reflectors.

2,063,764
COMBINATION FLIGHT INSTRUMENT
Wesley L. Smith, Cranford, N. J., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J., a corporation of New Jersey
Application April 13, 1932, Serial No. 605,102
5 Claims. (Cl. 33—204)



5. An aircraft combination flight instrument comprising a casing, a gyroscopic device in said casing responsive to deviations of a craft about its vertical and transverse horizontal axes and having a pointer operated thereby visible from one end of the casing, another gyroscopic device in said casing adjacent said first gyroscopic device and responsive to the rate of turn of the craft about its vertical axis and having a pointer extending towards the first pointer so as to be in substantial coincidence therewith when the craft is moving in straight-line flight, and reference means cooperating with the two pointers including a reference index with which the second pointer coincides when the craft is turning at a predetermined rate about its vertical axis.

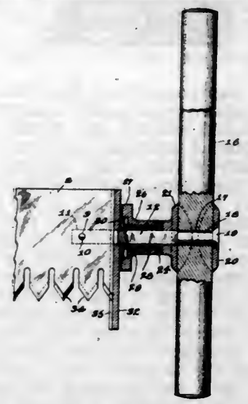
2,063,765
AUTOMATIC STEERING OF SHIPS
Emil Smola, Newport News, Va.
Application January 24, 1934, Serial No. 708,099
1 Claim. (Cl. 172—282)



In an automatic steering device, an opaque magnetic compass card carrying a noncentral light admitting portion pivoted in a support, a fixed lightsource above the compass card, a disc coaxially carried by the support below the compass card, means for adjusting said disc about its axis and fixing it in position, two spaced light sensitive elements carried by said disc, a group of relays responsive to the output of each of said light sensitive elements, said relays of each group having different characteristics so as to respond in succession to increasing currents, a rudder, electric motor means for driving said rudder, a block, means driven by the motor means for moving said block in either direction from a neutral position, electric circuits under the control of each group of relays when energized for energizing said motor means, contacts in said circuits opened in succession by the block, the contacts furthest from the neutral position being in the circuits controlled by the relays which are responsive to the largest currents, electric circuits under the control of the groups of relays when deenergized for energizing said motor means for returning said block to the neutral position, normally open contacts in said last named circuits closed in succession by the block during its travel from the neutral position, the contacts furthest from the neutral position being in the circuits controlled by deenergization of the relays which are responsive to the largest currents when energized, said normally open contacts being opened in succession by the block as it returns to its neutral position.

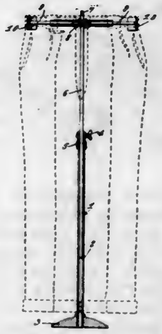
2,063,766
SAW HANDLE
Chester R. Spearin, Bellingham, Wash.
Application July 2, 1935, Serial No. 29,559
2 Claims. (Cl. 145—111)

1. In a structure of the character described, a saw blade, a handle, a bolt extending through the handle and secured to the blade, inner and outer clamping plates mounted on the bolt and arranged at opposite sides of the handle for clamping the handle to the bolt, a washer mounted on the bolt and engaging the inner clamping plate, a saw guard mounted on the bolt and having a groove to receive one end of the saw blade, an inner nut slidably mounted on



the bolt and impinging against the guard, an outer hand-operated nut having threaded engagement with the inner nut and impinging against said washer, the inner clamping plate, guard and inner nut being slidably arranged on the bolt but being prevented from rotating on the latter due to the shape of the cross section of the bolt upon which these parts are mounted.

2,063,767
TROUSERS DISPLAY FIXTURE
Grover C. Spencer, Fort Myers, Fla.
Application September 4, 1935, Serial No. 39,153
1 Claim. (Cl. 223—95)



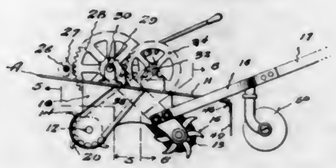
A display fixture comprising a stand, a stem adjustably secured to said stand and having its upper end bent to form a goose neck, a sleeve secured intermediate its ends to the free end of the goose neck and disposed horizontally, arms adjustably secured to said sleeve and extending in opposite directions, arcuately curved heads secured to the free ends of said arms and including convex faces to engage the inner face of a waist band of a garment, an arm secured to said sleeve intermediate the ends thereof and extending angularly to the first-named arms, and a head secured to the second-named arm to contact the inner face of the waist band of the garment.

2,063,768
INSECT TRAP
Gerald Staffel, San Antonio, Tex.
Application October 23, 1935, Serial No. 46,426
1 Claim. (Cl. 43—131)



An insect trap comprising flat relatively thin disk-like members superposed relative to each other in matched relation one to the other and having peripheral portions outstruct to effect annular relatively deep half circular channels between said members, a spacer disk between the said members and having an outer peripheral edge extending to the outstruck peripheries of said members and holding the channel in one member spaced from the channel in the other member, external disks disposed against the said members and covering the same centrally thereof with respect to the outstruck peripheries and having their edges abutting the latter, a rivet uniting the members with the said disks, the space between the channels being continuous in an annular path and opening peripherally in a horizontal plane outwardly between said members, and poisonous substance within the channels and separated from each other to the extent of the space between the outstruck peripheral portions of said members throughout.

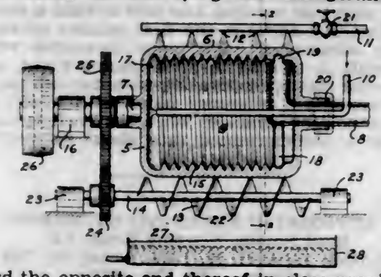
2,063,769
CULTIVATOR
Alfred G. Suelflow and Charles C. Wolford, Milwaukee, Wis., assignors to Felins Tying Machine Co., Milwaukee, Wis., a corporation of Wisconsin
Application December 7, 1934, Serial No. 756,399
2 Claims. (Cl. 97—40)



1. In a cultivator comprising a frame, front and rear earth-working implements supported by the frame, each including rotatable shafts and a plurality of sets of radially extending teeth, a prime mover, means for driving the shafts from the prime mover, a rearwardly inclined guard for the driving mechanism of the rear shaft having a front pointed leading edge, one set of teeth of the front shaft being disposed directly in front of the guard.

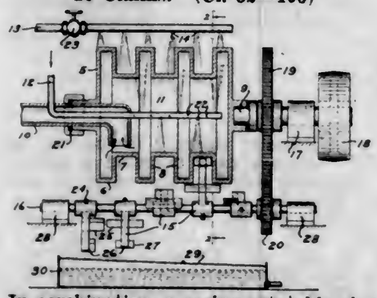
2,063,770
ICE MAKING MACHINE
William H. Taylor, Muskego, Wis., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill., a corporation
Application February 2, 1935, Serial No. 4,668
14 Claims. (Cl. 62—106)

1. In combination, a rotary casing having an external cooling surface, means for delivering fluent substance to said surface, means for removing congealed material from said surface, means for delivering liquid refrigerant into one end of said casing, and means on the interior of said casing for conveying said refrigerant to-



ward the opposite end thereof in close proximity to said surface.

2,063,771
ICE MACHINE
William H. Taylor, Muskego, Wis., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill., a corporation
Application February 2, 1935, Serial No. 4,669
10 Claims. (Cl. 62—106)



1. In combination, a casing rotatable about an axis and having external annular cooling surfaces, means for cooling said surfaces, means for delivering liquid to said surfaces, and a series of revolvable cutters driven by said casing and cooperable with said surfaces to remove congealed material therefrom.

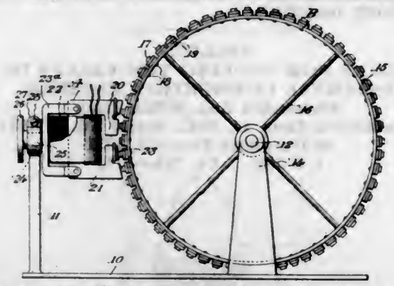
2,063,772
FIRE EXTINGUISHER
Charles A. Thomas and Carroll A. Hochwalt, Dayton, Ohio, assignors to The Fyr-Fyter Company, Dayton, Ohio, a corporation of Ohio
No Drawing. Application April 10, 1928, Serial No. 269,018
8 Claims. (Cl. 23—9)

1. The method of extinguishing oil tank fires which comprises projecting an aqueous solution of high concentration of a compound of an alkali metal element of group I of the periodic table of elements having high fire-extinguishing properties, across and above the seat of combustion in a manner to impinge the solution upon the far inner wall of the tank, whereby a fine spray of the solution is produced above the seat of combustion.

2,063,773
ELECTRIC MOTOR
Paul M. Warnick and Walter H. Scott, Chicago, Ill., assignors to John L. Berggren, Chicago, Ill.
Application March 27, 1935, Serial No. 13,354
5 Claims. (Cl. 172—278)

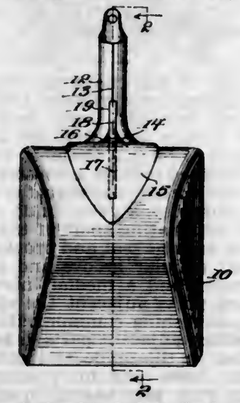
1. An induction motor comprising a stator and a rotor of which the latter is in ring form and

provided with radially disposed peripheral members of magnetic material, and ring members of non-magnetic material laid flat on the rotor with



one surrounding each of the radial members to magnetize the latter from currents set up by induction from the stator.

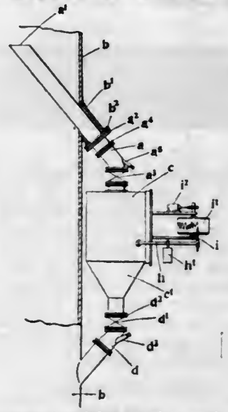
2,063,774
SHOVEL
Matthew William Washington, Dunkirk, N. Y.
Application February 3, 1936, Serial No. 62,198
1 Claim. (Cl. 294—49)



A shovel of the kind described comprising a blade having a split tubular shank for a handle, a raised portion formed in the blade at the longitudinal median and at its heel, a frog fitting the raised portion and having an extension carried into the tubular shank, the said frog and raised portion being integrally united, and a tongue formed on the frog and fitting the split in the said shank, the said split in the shank being spread to accommodate the tongue and the shank being provided with a notch accommodating the rearmost edge of said extension.

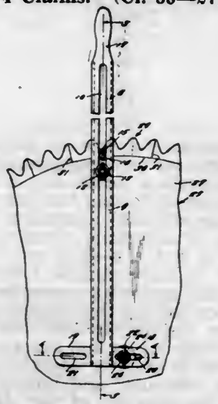
2,063,775
APPARATUS FOR INDICATING AND RECORDING THE DUST CONTENT OF BLAST FURNACE GASES
Alfred Wilhelmi, Oberhausen, Rhineland, Germany, assignor to H. A. Brassert & Company Limited, London, England
Application November 28, 1934, Serial No. 755,165
In Germany August 19, 1933
5 Claims. (Cl. 73—51)

1. The combination with the gas off-take of a blast furnace, of means for determining the dust content of dust laden gases passing downwardly through said off-take, comprising a casing, a gas and dust inlet pipe leading from the interior of said gas off-take remote from the wall thereof and from a point above the said casing and downwardly therefrom into the upper portion of said casing, a gas and dust discharge pipe leading from the bottom portion of said casing downwardly therefrom and into the said off-take, said casing, inlet pipe and discharge pipe constituting a by-pass for the continuous flow of gas and dust from and back to the off-take, dust collecting means and means for mounting it for



vertical movement within said casing under the weight of dust accumulating in said means and for also mounting it for automatically discharging a predetermined quantity of accumulated dust therefrom into the casing, means for automatically returning the empty dust collecting means to its initial position after discharging, and means actuated by and during the downward travel of the dust collecting means for indicating the character of the downward travel thereof.

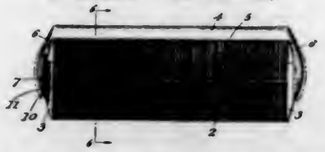
2,063,776
SAW-TOOTH PROTRACTOR
Alex T. Worny, Genoa, Nebr.
Application March 2, 1936, Serial No. 66,712
4 Claims. (Cl. 33—27)



1. In a tool of the class described, a longitudinally elongated slotted handle, a slide block carried thereby, a scribing tool mounted on said block, a pair of right angularly disposed oppositely arranged longitudinally slotted adapter members connected to the inner end portion of

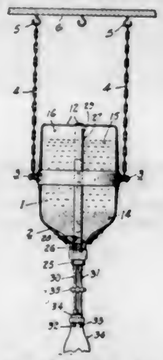
said handle, an attaching and pivoting plug, and clamping and adjusting means for selectively connecting said plug with either of said adapter members in the manner and for the purposes described.

2,063,777
HAIR COMB
Ivan Andersson, East Hartford, Conn.
Application March 27, 1935, Serial No. 13,314
2 Claims. (Cl. 132—15)



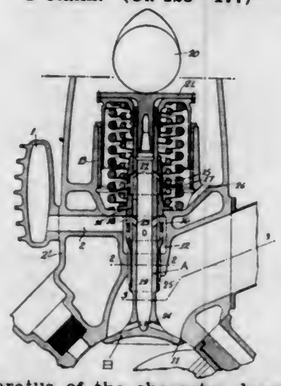
2. A combination of two combs pivoted together so as to enable them to be folded up with the teeth of the one comb occupying the spaces between the teeth of the other comb, the teeth of one comb being provided with extensions which protrude laterally and extend up on the sides of the comb back, said extensions engaging the spaces between the teeth of the other comb when in unfolded position and guiding the teeth of the last said comb in their respective spaces when folding up the combs.

2,063,778
PURIFIER FOR DRINKING WATER
Orrin E. Andrus, Milwaukee, Wis.
Application September 19, 1932, Serial No. 633,768
5 Claims. (Cl. 210—123)



1. An apparatus for use in purifying small batches of water for drinking purposes, comprising a portable glass bottle-like container for manual agitation following the charging operation to thereby disperse a definite quantity of coagulating and adsorbing chemicals throughout the body of water, a sling support in which the container is suspended in horizontal position during the agitating operation and in a vertical position during the charging and filtering operations, a granular filter bed for the removal of the coagulating and adsorbing material from the water, a stopper adapted to close the mouth of the container and having a screened opening for the removal of the filtered water from the granular filter bed when the container is tipped to filtering position, a tube connecting with another opening in the stopper and extending to the other end of the container for admitting air thereto, the portable container and contained filter bed being disposed for cleaning with water by manual agitation of the container and contents followed by decantation of the water suspension of impurities and insoluble purifying materials.

2,063,779
MEANS FOR COOLING THE VALVES IN INTERNAL COMBUSTION ENGINES
Alessandro Baj, Milan, Italy
Application June 14, 1932, Serial No. 617,182
In Germany June 23, 1931
1 Claim. (Cl. 123—177)

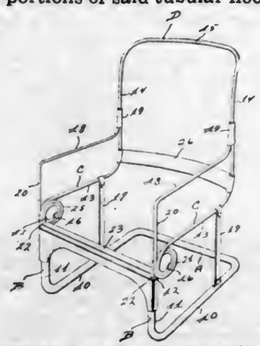


An apparatus of the character described, including in combination a cylinder head provided with a vertical bore the lower part of which terminates in a valve seat while the medial portion is enlarged to form a chamber and the upper portion enlarged to form a housing, said head further provided with a lateral duct communicating with the chamber, a valve guide mounted in the bore and terminating short of the upper end of the housing and the seat and provided with an upper internal annular groove and ports adjacent the housing and a medial internal annular groove and ports adjacent the chamber for respectively establishing communication between the corresponding adjacent parts, a hollow valve stem operating in the guide and provided with a head at the lower end for cooperating with the seat, said stem also having openings at its upper, medial and lower portions for respectively establishing communication between the hollow of the stem and with the upper and medial grooves and the outer surface of the head, a tappet on the upper end of the stem having a skirt enclosing the housing, and the outer surface of the valve guide at its point of engagement with the bore between the chamber and the seat being provided with vertical grooves for directly applying a fluid on the head.

2,063,780
CHAIR
Albert P. Ball, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application June 1, 1931, Serial No. 541,486
Renewed May 29, 1936
3 Claims. (Cl. 155—50)

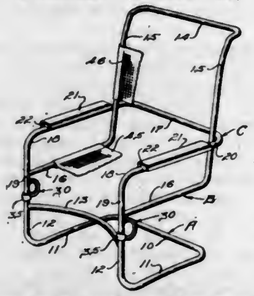
1. A chair frame including, a substantially U-shaped floor engaging member formed of tubular stock with the ends of said U-shaped member extending vertically to form upright leg portions, substantially horizontal seat supporting portions terminating in coils at one end thereof with the free ends of said coils extending vertically downwardly, arm rest members, the said free ends of said coils and the ends of said arm rest

members being secured in the open ends of the upright leg portions of said tubular floor engaging



member to connect said seat supporting portions thereto.

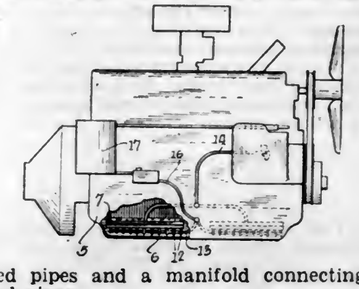
2,063,781
CHAIR
Albert P. Ball, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application February 10, 1934, Serial No. 710,635
8 Claims. (Cl. 155—50)



1. A frame for a chair or like article of furniture including a substantially U-shaped floor engaging member formed of tubular stock having the ends thereof extending vertically to form upright leg portions, a horizontal seat-forming member terminating in a back portion extending substantially vertically thereof, arm members secured to said seat-forming member and terminating in substantially vertical end portions, the end portions of said upright leg portions and said arm members being substantially alined, and means connecting the respective alined portions comprising a plurality of resilient coils each having ends projecting outwardly in opposite alined directions therefrom, one of the ends of a coil being extended into the end of an arm member and the other end of said coil being extended into the end of the alined leg portion, thereby to yieldably connect said arm member and seat-forming member as a unit with said floor engaging member.

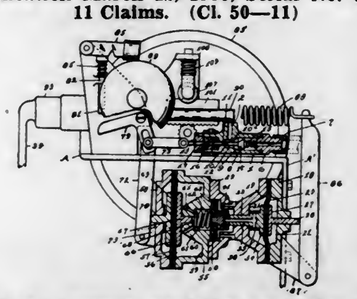
2,063,782
MEANS FOR COOLING THE LUBRICATING OIL IN INTERNAL COMBUSTION ENGINES
James L. Barnes, Winslow, Ariz., assignor of one-half to Theodore G. Grieder, Winslow, Ariz.
Application October 23, 1935, Serial No. 46,405
3 Claims. (Cl. 123—196)

1. An oil cooler for an internal combustion engine comprising a cooling pan having a curved upper surface, a flat lower surface, said lower surface having orifices being connected by



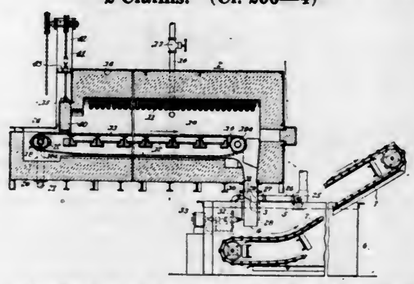
curved pipes and a manifold connecting said curved pipes.

2,063,783
AIR PRESSURE REGULATING APPARATUS
Lancelot B. Beath, Toronto, Ontario, Canada, assignor to W. D. Beath & Son, Limited, Toronto, Ontario, Canada
Application March 12, 1936, Serial No. 68,573
11 Claims. (Cl. 50—11)



1. In air pressure regulating apparatus, an air line having a valve controlled discharge end, a valve in said line, and means for opening and closing the valve during a period of predetermined pressure development at the valve controlled discharge end, comprising spaced pivoted levers, one of which levers is spring-actuated to open the valve in said line, means for subjecting said levers to pressure in the air line beyond the valve in the direction of flow, and valve mechanism interposed in the pressure line between said levers and operable through the movement of one of said levers to alternately open and close the air passage to the other of said levers.

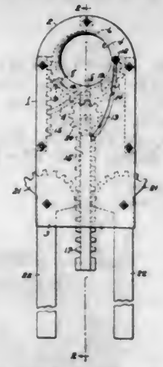
2,063,784
HEAT TREATING
Theodore B. Bechtel and Samuel J. Eberwein, Salem, Ohio, assignors to The Electric Furnace Company, Salem, Ohio, a corporation of Ohio
Application July 11, 1935, Serial No. 30,808
2 Claims. (Cl. 266—4)



1. Apparatus for heat treating, comprising a

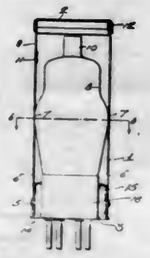
quenching bath, a furnace having a discharge passage through which the articles heated in the furnace are discharged into the quenching bath, the discharge passage extending below the surface of the bath, means for supplying protective gas to the furnace, means for exhausting vapors from the discharge passage, and means for projecting a fluid curtain across the discharge passage.

2,063,735
CATTLE DEHORNER
Paul Bernard, Sioux Falls, S. Dak.
Application August 28, 1935, Serial No. 38,280
3 Claims. (Cl. 128—308)



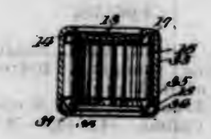
2. A cattle dehorner comprising a body having a pair of guide grooves disposed angularly to each other and one of said grooves terminating at one end in an angularly disposed branch, annular cutting edges on said body, a circular knife blade movable relative to the cutting edges, teeth formed on the blade, a rack bar fixed to the body and meshing with the teeth of the blade, a pivot pin secured to the blade and extending into the groove having the branch and movable from one end thereof to the opposite end and into and out of the branch whereby the blade may shift the pivot thereof on the body, a guide pin secured to the blade and extending into the other groove to cause the blade to roll as it pivots and thereby move relative to the cutting edges, and means for imparting movement to the blade.

2,063,786
SHIELDING DEVICE
John M. Bowman, Philadelphia, Pa., assignor to Philco Radio & Television Corporation, Philadelphia, Pa., a corporation of Delaware
Application February 27, 1935, Serial No. 8,577
4 Claims. (Cl. 250—27.5)



1. A shielding device for electrical apparatus, such as vacuum tubes, comprising a relatively rigid metallic base of non-circular cross-section having corner indentations, and a body or shell of similar cross-section adapted to fit over said base and formed of deformable metallic material, so that said shell fits snugly over the apparatus with which it is used and also fits snugly over said base notwithstanding slight misfit of the said elements, said indentations providing space which permits greater deformability of said shell in fitting over said base.

2,063,787
ANTIFRICTION BEARING AND METHOD OF MAKING THE SAME
Edmund Karl Brown, Torrington, Conn., assignor to The Torrington Company, Torrington, Conn., a corporation of Connecticut
Application September 24, 1934, Serial No. 745,361
19 Claims. (Cl. 29—148.4)



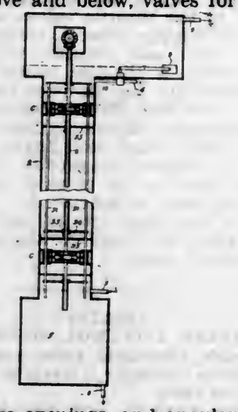
8. The method of making a roller bearing assembly which consists in forming from a metal blank a cup-shaped shell, forming an annular trough in the closed end of said shell, reducing the thickness of the shell at the free end thereof, inserting a plurality of cylindrical rollers having reduced ends into said cup in substantially contiguous relation with one of the reduced ends of each roller disposed within said annular trough, and forcing the reduced free end of said cup-shaped shell inwardly to enclose the opposite reduced ends of said rollers with the extreme edge of said shell free to contact with the said reduced ends whereby to provide a self-contained unit bearing assembly.

2,063,788
HEAT EXCHANGER
Robert E. Burk, Cleveland, Ohio, assignor to The Standard Oil Company, Cleveland, Ohio, a corporation of Ohio
No Drawing. Application July 30, 1934, Serial No. 737,597
2 Claims. (Cl. 252—5)

1. Method of cooling heat exchanger systems in internal combustion engines which comprises circulating cooling fluid therethrough having an addition of sodium meta-phosphate in quantities sufficient to effectively increase the coefficient of heat transference.

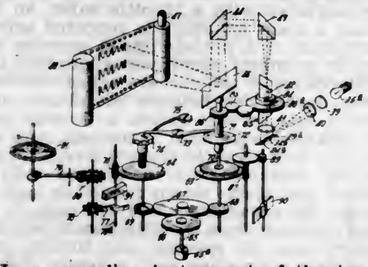
2,063,789
COUNTERCURRENT APPARATUS FOR TREATING PETROLEUM OIL
Robert E. Burk, Cleveland, Ohio, assignor to The Standard Oil Company (Ohio), Cleveland, Ohio, a corporation of Ohio
Application June 14, 1935, Serial No. 26,664
9 Claims. (Cl. 196—46)

1. Apparatus of the character described, comprising an elongated chamber, a centrifugal impeller therewithin, a housing about said impeller, an inlet opening to the impeller in said housing centrally above and below, discharge openings from said housing peripherally of the impeller above and below, valves for controlling



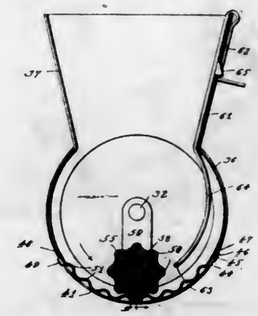
said discharge openings, and angular nozzles on the discharge openings.

2,063,790
VIBRATION RECORDING INSTRUMENT
Victor E. Carbonara, Rockville Centre, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application August 4, 1932, Serial No. 627,483
4 Claims. (Cl. 234—5.6)



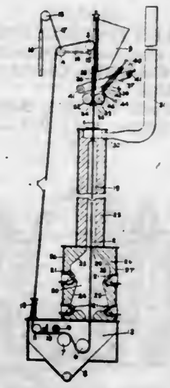
1. In a recording instrument of the type including a casing having a mass resiliently mounted therein for relative movement between it and the casing in at least two mutually perpendicular directions, and also having light-projecting and photographic image-receiving means therein for producing a photographic record of the amplitude and frequency of vibrations in each of said directions, respectively, upon relative movement between said mass and casing, the combination of a support secured to and movable with said casing, a plurality of spindles journaled in said support, one for each corresponding direction in which vibrations are to be recorded, means carried by the mass and engaging said spindles for causing the latter to move angularly according to the respective directions of vibrations and according to the magnitude of said vibrations upon relative movement between the casing and mass due to said vibrations, a mirror on each spindle and movable therewith whereby a light beam projected on each of said mirrors is caused to vibrate, a pair of light-reflecting members simultaneously rotatable at different speeds by means of which each of said vibrating light beams from each of said mirrors, respectively, is reflected onto a stationary light-sensitive film, and a timing mechanism for rotating said reflecting members at predetermined times for predetermined intervals.

2,063,791
COLANDER
Paul A. Chamberlain, Chicago, Ill., assignor to Chicago Flexible Shaft Company, Chicago, Ill., a corporation of Illinois
Application June 19, 1934, Serial No. 731,315
14 Claims. (Cl. 146—174)



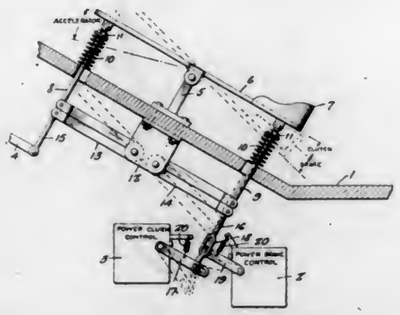
1. The combination in a colander of an arcuate screen having a sinuous surface extending longitudinally of its curvature, a roller arranged for resilient contact with said screen and having a sinuous surface positioned for intermeshing engagement with said screen, and a crank supporting said roller for revolution around substantially the center of curvature of said screen to intermittently move the roller over the screen.

2,063,792
METHOD AND APPARATUS FOR DRYING SOLID SUB-DIVIDED MATERIALS
Walter Valantine Coles, Manchester, and George William Riley, London, England, assignors to Peter Spence & Sons Limited, Manchester, England, and George Scott & Son London Limited, London, England
Application March 7, 1935, Serial No. 9,870
In Great Britain March 15, 1934
14 Claims. (Cl. 34—12)



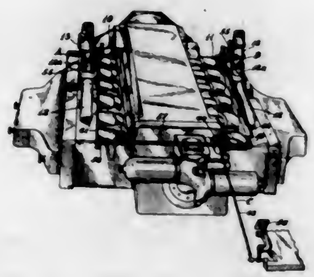
1. A process for heat drying wet clay, sedimented or filtered sludges or precipitates and like pastes of finely divided material, which consists in feeding the material in the form of a thin layer past incandescent heat radiating surfaces throwing strong radiant heat on to the material whereby the latter is heated and in consequence dried by heat transmitted to it at least predominatingly on the principle of radiant heat transmission.

2,063,793
CENTRALIZED AUTOMOBILE DRIVING CONTROL
Delbert Cook, Farmingdale, N. J.
Application April 29, 1935, Serial No. 18,919
3 Claims. (Cl. 192—.01)



1. In combination with clutch, brake and throttle controls of an automobile, a fulcrum secured to the automobile, a treadle pivoted to said fulcrum, rods connected to said treadle at opposite sides of the fulcrum, spring means on said rods to neutralize the position of the treadle on the fulcrum, a bracket secured to the automobile, pairs of arms pivoted to said bracket and the arms of said pairs of arms being arranged in superimposed relation and one arm of each pair connected to said rods, and means connecting the other arms of said pairs of arms to the throttle control, clutch control and brake control whereby the throttle control may be actuated independently of said clutch and brake controls and permitting actuation of said clutch and brake controls by the pedal without the actuation of the throttle control.

2,063,794
THROTTLE CONTROL MECHANISM
Lee C. Daniels, Cleveland, Ohio, assignor to The White Motor Company, Cleveland, Ohio, a corporation of Ohio
Application April 22, 1935, Serial No. 17,567
6 Claims. (Cl. 261—23)



1. The combination with a plurality of engine fuel supply systems each comprising a carburetor constructed with a throttle valve, an idling jet, and a main jet which is rendered active by the creation of a predetermined depression at its outlet, of means for limiting the closing movements of the throttle valves of the carburetors of said supply systems, spring means arranged to urge said throttle valves towards closed positions, a throttle control lever, and linkage connecting the throttle valves of said carburetors with said throttle control lever, said linkage comprising adjustable lost motion connections through which said linkage can be adjusted in a manner to provide for complete closing movement of all of said throttle valves and in a manner to provide for simultaneous actuation of the main jets of said carburetors during the opening of said throttle valves by said throttle control lever.

2,063,795
THROTTLE CONTROL MECHANISM
Lee C. Daniels, Cleveland, Ohio, assignor to The White Motor Company, Cleveland, Ohio, a corporation of Ohio
Application April 27, 1935, Serial No. 18,652
4 Claims. (Cl. 261—23)

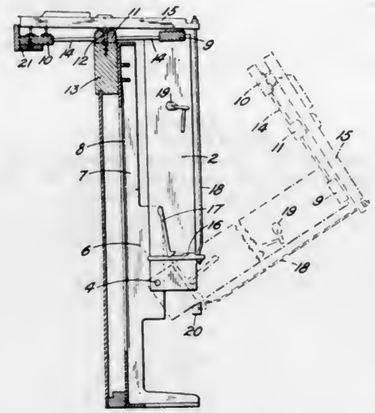


1. The combination with a plurality of engine fuel supply systems each comprising a carburetor constructed with a throttle valve, an idling jet, and a main jet which is rendered active by the creation of a predetermined pressure at its outlet, of members operatively connected to the throttle valves of the carburetors of said supply systems, means for limiting the closing movements of said throttle valves, a throttle control lever, linkage mechanism connecting said members with said throttle control levers including relatively movable parts associated with said members, adjustable means carried by said parts arranged for engagement with the opposite sides of said members from the direction in which said members move in opening said throttle valves, and springs connecting said members with said parts acting to urge said members against the aforesaid adjustable means, spring means capable of overcoming the aforesaid springs arranged to urge movement of said parts in a direction to close said throttle valves, and means for limiting movement of said parts in response to the action of said spring means, the arrangement being such that the said adjustable means can be adjusted in a manner to provide for complete closing movement of all of said throttle valves and in a manner to provide for simultaneous actuation of the main jets of said carburetors during opening of said throttle valves by said throttle control lever.

2,063,796
MINIATURE UPRIGHT PIANO
George Henry Downing, Finsbury Park, London, England, assignor to W. G. Eavestaff & Sons Limited, London, England, a company of Great Britain
Application October 12, 1935, Serial No. 44,791
In Great Britain October 16, 1934
6 Claims. (Cl. 84—174)

1. A miniature upright piano, comprising a main frame carrying the piano-strings, a unit consisting of a key-frame, an action located below the level thereof and supporting means for

the said key-frame and action, and a pivotal mounting between the said main frame and the



said unit whereby it can be swung bodily away from the main frame.

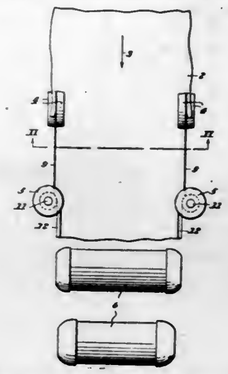
2,063,797
BEDPAN LINING
Erna Concordia Ebert, Canton, Ohio
Application March 12, 1936, Serial No. 68,566
4 Claims. (Cl. 4—113)



1. A bed pan lining comprising a bottom, side, rear and front walls shaped to substantially fit the bottom and corresponding walls of a pan, a flange formed on the upper edges of the lining walls for disposal upon the seat of the pan and about the outer side of the pan walls, and a shield extending from the front end of the lining.

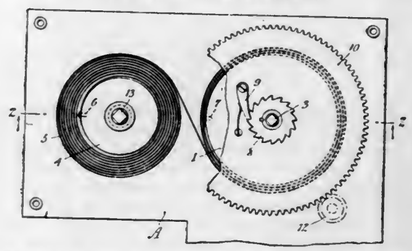
2,063,798
APPARATUS FOR PREPARING SHEETS FOR WELDING
Cyril Firth, Youngstown, Ohio, assignor to The Youngstown Sheet & Tube Company, Youngstown, Ohio, a corporation of Ohio
Original application November 14, 1930, Serial No. 495,652. Divided and this application November 3, 1932, Serial No. 641,006
5 Claims. (Cl. 29—33)

1. Apparatus for working on metal plates comprising edge trimmers each having a pair of rotary cutters, one cutter being disposed inwardly of the other whereby to form a burr toward the inner cutter, edge thickening means operating on the trimmed edges and effective to flatten the burr and thicken the plate edges,



and means for bending the plate into a tube with the burr disposed inwardly thereof.

2,063,799
SPRING MOTOR
Axel F. Fornelius and Henry A. G. Fornelius, Clifton, N. J.
Application April 20, 1935, Serial No. 17,509
1 Claim. (Cl. 185—37)

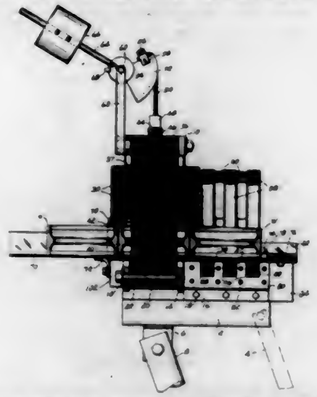


A spring motor comprising a support, a pair of shafts carried by the support, pulleys on said shafts, one of said pulleys being secured to turn with its shaft and the other free to turn on its shaft, a normally wound spring having one end secured to and being in equilibrium on the pulley which is free to turn, means securing its other end to the pulley which is keyed to its shaft in position for reverse flexing when the spring is backwound on said last mentioned pulley to drive the same, and a gear wheel having ratchet and pawl connection with the shaft to which the pulley is secured, said shaft being so constructed as to constitute a winding arbor.

2,063,800
HEATING AND DEMAGNETIZING APPARATUS
Gustav Fredrickson, Forestville, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application July 21, 1932, Serial No. 623,785
6 Claims. (Cl. 219—11)

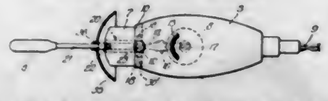
3. In apparatus of the character described, an article support having an opening, a laminated structure looped around the support, the base of the laminations extending across the opening, a laminated plunger slidable through the opening into contact with the base of the lam-

inations, core projections surrounding the plunger and projecting towards the base of the



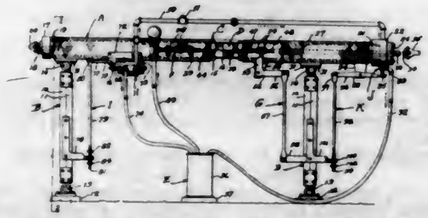
laminations, and a coil surrounding the core projections; substantially as described.

2,063,801
TOOTH BRUSH
Merritt W. Gano, Jr., Denver, Colo.
Application March 16, 1936, Serial No. 69,085
7 Claims. (Cl. 15—22)



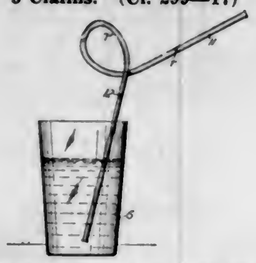
4. An attachment for use with a handle part enclosing an electric motor and provided with a transversely channeled end and an actuating element driven by said motor, said attachment comprising an attachment member having a generally rectangular end formed to fit in the transversely channeled end of said handle part, a stem supported for swinging movement by said attachment member and provided with means for operative connection with said actuating element when said attachment member is applied to said handle part, said stem projecting from the attachment member at its opposite end, and an implement mounted upon the projecting end of said stem and actuated by movement imparted to said stem by said actuating element.

2,063,802
AUTOMATIC ROD LINE ADJUSTER
William S. Geary, Dallas, Tex.
Application May 22, 1936, Serial No. 81,318
11 Claims. (Cl. 74—586)



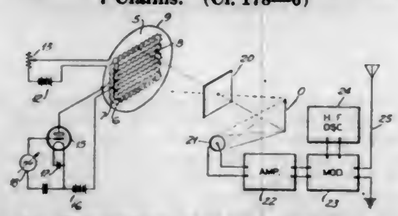
1. Automatic length-adjusting mechanism for a rod line comprising an elongate cylinder adapted to be connected to a load, a longitudinally slidable piston in the cylinder adapted to be connected to the rod line, means automatically operable upon a length variation in the rod line for introducing fluid into the cylinder to move the piston in a direction to compensate for the rod line length variation, and means to cause discontinuance of the introduction of fluid into the cylinder upon movement of the piston relative to the cylinder a distance substantially equal to the rod line length variation.

2,063,803
DRINKING TUBE
Arthur P. Gildersleeve, Denver, Colo.
Application May 14, 1935, Serial No. 21,438
5 Claims. (Cl. 299—17)



1. A transparent drinking tube, especially intended for the use of children, and having intermediate its ends a portion bent so as to provide a circuitous passage for the flow of a liquid, said portion being so related to the remainder of the tube that it extends into the normal range of vision of the user, whereby the flow of the liquid therethrough can be seen by the child using the tube, and attract and hold its attention.

2,063,804
ELECTRICAL DISCHARGE CONTROL AND TELEVISION SYSTEM
Henderson C. Gillespie, New York, N. Y., assignor to Communication Patents, Inc., New York, N. Y., a corporation of Delaware
Application June 21, 1933, Serial No. 676,826
7 Claims. (Cl. 178—6)

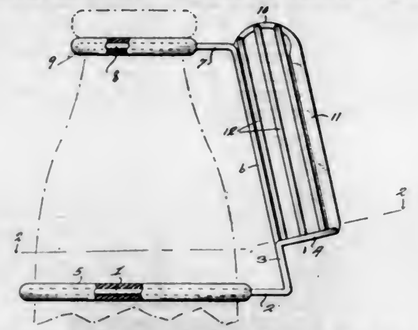


1. An illuminating screen comprising a plurality of corrugated electrodes having parallel axes, means for maintaining a magnetic field in which said electrodes are located, and means for sucessively initiating a series of arcs along said electrodes.

2,063,805
JAR HOLDER
Clyde E. Goetting, Drumright, Okla., assignor of one-half to Edward L. Thomas, Drumright, Okla.
Application May 4, 1935, Serial No. 19,900
4 Claims. (Cl. 294—33)

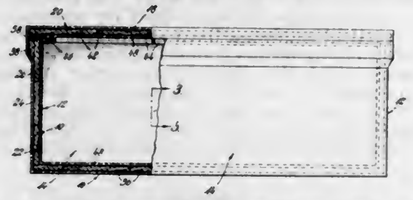
1. A handle and holder for jars or the like comprising a lower split loop and an upper split loop, the extremities of both of the loops constituting

outstanding arms, and a plurality of bars connecting the outer end portions of each arm of one



loop with an arm of a second loop, each set of bars being arranged on substantially an outbow.

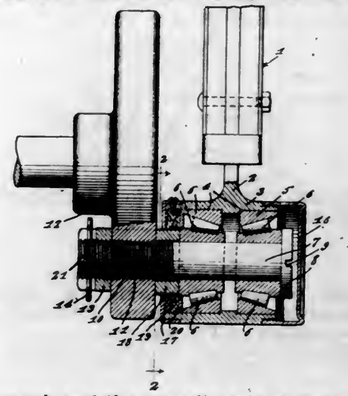
2,063,806
BURIAL VAULT
Alwin Gundlach, St. Louis, Mo.
Application November 5, 1935, Serial No. 48,425
5 Claims. (Cl. 72—7)



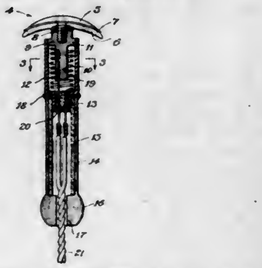
1. A vault comprising a wooden core, said core being made up of a plurality of boards, reinforcing cleats, means for attaching the boards to said cleats to provide a unitary structure, reinforcing battens attached to the walls of the vault around its upper part, certain of said walls and said battens being provided with recesses, a cover having battens arranged to lie within said recesses in the closed position of the cover, said vault and said cover being completely enclosed within a concrete shell.

2,063,807
ADJUSTABLE TAPERED ROLLER BEARING FOR PITMANS
Walter Handke, Dunlap, Iowa
Application March 20, 1935, Serial No. 12,097
1 Claim. (Cl. 308—179)

An adjustable roller bearing comprising a cylindrical housing secured intermediate its ends to a pitman and having each end open and provided with internal grooves forming seats, roller bearings located in the housing and including inner and outer races and having said outer races in engagement with the seats, said inner races being capable of adjustment relative to the outer races when wear occurs, a crank pin received by the inner races and having one end headed to abut the inner race of one of the roller bearings and provided with a threaded portion, a collar mounted on the pin and engaging the inner race of the other roller bearing, a packing arranged between the collar and the housing for closing one end of the latter, a packing engaging plate secured to the housing and apertured to receive the collar, said threaded portion of the pin adapted to be threaded through a crank for drawing the latter against said collar, a nut threaded to the pin and engaging the crank and the opposite side of the latter from the collar, and a cap closing the other end of the housing.



2,063,808
ELECTRICALLY HEATED SAFETY RAZOR
Thomas J. Henderson and Leon Henderson, Bayport, N. Y.
Application August 16, 1935, Serial No. 36,607
1 Claim. (Cl. 219—21)

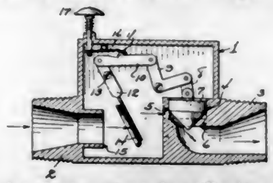


In a safety razor, a metallic blade, a guard for the blade, means for holding said blade adjacent the guard, a hollow handle for the razor, means within said hollow handle for heating said blade, said means including a metallic member attached to said blade holding means and having a portion thereof contacting the walls of the handle and a reduced end disposed within said handle so as to provide a space around said reduced end, an electrical heating element carried by said handle and surrounding said metallic member and adapted to heat the same and heat insulating means carried by said handle.

2,063,809
SAFETY GAS VALVE
Jasper P. Isaacs, Shamrock, Tex., assignor of one-half to John Porter, Shamrock, Tex.
Application March 2, 1936, Serial No. 66,744
1 Claim. (Cl. 137—153)

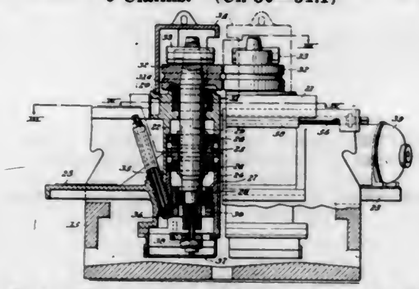
A safety gas valve comprising a casing, inlet and outlet nipples for said casing, a valve seat on the inlet nipple, a cylinder formed in the outlet nipple and having a port in communication with the interior of the casing, a pivoted valve in the casing to engage the seat, a plunger slidable in the cylinder, linkage between the plunger and valve and having a notch, a spring pressed dog pivoted in the casing to ride against the

linkage and engage the notch when the valve is in a seated position to prevent opening of said



valve, and a finger piece for effecting movement of the dog.

2,063,810
ROLLING MILL
Lorenz Iversen, Pittsburgh, Pa., assignor to Mesta Machine Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application January 24, 1934, Serial No. 708,097
9 Claims. (Cl. 80—31.1)



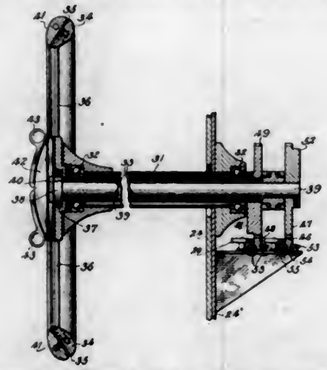
3. A rolling mill comprising a base, a pair of similar housings adjustably secured to the base, each housing including a shaft journalled substantially vertically therein, a roll mounted on the shaft, a shelf extending laterally from the housing, a motor mounted on the shelf with its axis substantially horizontal, and gearing providing driving connection between the motor and said shaft, the rolls of the two housings cooperating to define a pass for material to be rolled, each of said housings and its motor being removable from the base independently of the other.

2,063,811
PROCESS OF DECOMPOSING BERYLLIUM MINERALS
Gustav Jaeger, Neu-Isenburg, Germany, assignor to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfort-on-the-Main, Germany, a corporation of Germany
No Drawing. Application April 19, 1935, Serial No. 17,337. In Germany April 3, 1934
7 Claims. (Cl. 23—33)

1. A process for decomposing beryl which comprises heating said beryl with alkaline substances in presence of water to temperatures ranging from 150 to 500° C., extracting the decomposition product with water, decomposing the residue with acids whereby the silicic acid is made insoluble and recovering the beryllium from the solution.

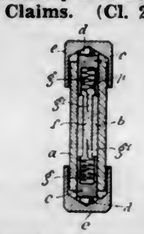
2,063,812
AIRPLANE CONTROL
Wallace O. James, New York, N. Y.
Application January 24, 1934, Serial No. 708,152
5 Claims. (Cl. 244—83)

2. A control means of the character described, comprising a steering post, respective concentric shafts therein independently revoluble on their common axis, a vertical rudder operatively connected with the outer shaft, ailerons operatively connected with the inner shaft, a split wheel divided substantially in its major plane, to form complementary completely annular rim portions shaped, proportioned and adapted to be both enclosed in the grasp of the hand, the inner rim portion being connected to said outer shaft for



operation of ailerons, the outer rim portion being connected to the inner shaft for operation of the vertical rudder, a fixed anchorage, and separate yielding means connected between the anchorage and the shafts respectively normally and inherently operative to move the shafts and rim portions from operated positions in either direction to a predetermined normal position of fixed location, for the purposes described.

2,063,813
ELECTRIC SAFETY CUT-OUT
Richard Kellendorfer, Munich, Germany
Application February 14, 1934, Serial No. 711,241
In Germany February 15, 1933
11 Claims. (Cl. 200—113)

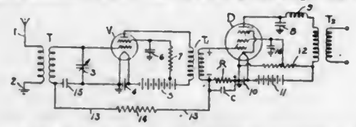


1. In an electric safety cut-out with a liquid column as conductor adapted to interrupt the current when overloaded, said liquid column being hermetically enclosed in a tube together with a gas buffer, the column when ruptured being restorable by outward influence, the provision of means to brake the motion of the liquid in its tube to such an extent that an accidental shifting of the liquid within the tube cannot occur, substantially as herein described.

2,063,814
DEMODULATOR
Anthon A. Leonard, Glenside, Pa., assignor to Transitone Automobile Radio Company, Philadelphia, Pa., a corporation of Delaware
Application February 18, 1933, Serial No. 657,442
4 Claims. (Cl. 250—27)

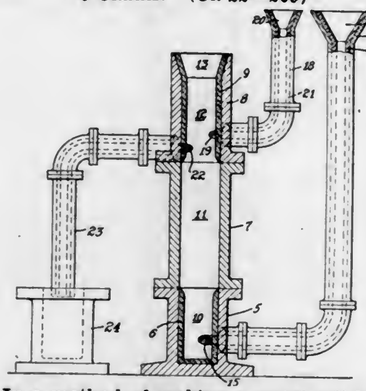
1. In a signaling system, a grid-leak detector comprising a pentode vacuum tube having input

and output circuits, means for applying signals to said input circuit of such intensity that rectification occurs in both said circuits, said tube having the characteristic of continuously varying amplification over the normal range of ampli-



tude of said signals, and means external to said tube for increasing the degree of said characteristic, whereby the rectification in said output circuit is maintained relatively small as compared with the rectification in said input circuit.

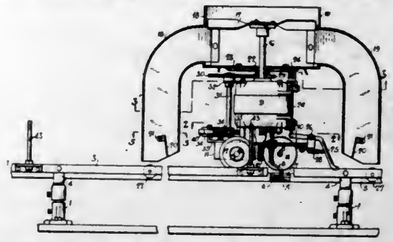
2,063,815
ROLL AND METHOD OF MAKING THE SAME
Daniel Lewis, Pittsburgh, Pa., assignor to Continental Roll & Steel Foundry Company, a corporation of Delaware
Application December 18, 1935, Serial No. 55,039
6 Claims. (Cl. 22—209)



1. In a method of making a metal roll having a relatively hard body and relatively soft machinable necks, the steps which consist in bottom pouring the roll body through an underlying neck mold cavity (utilizing molten metal containing in addition to iron, a relatively high content of alloying elements) in then displacing upwardly a substantial part of the molten metal in said neck mold cavity by molten metal having a smaller content of alloying elements and in running off the dross and excess metal above the body mold cavity and in then bottom pouring the other roll neck with molten metal of substantially the same analysis as that utilized to displace molten metal from the neck mold cavity below the body mold cavity.

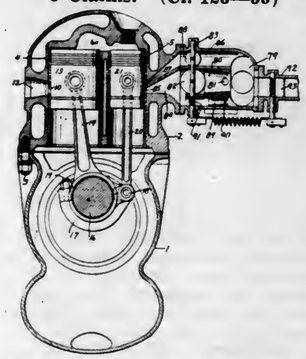
2,063,816
TRAVELING CLEANER FOR MACHINERY
Willis W. Linder, Salisbury, N. C., assignor to Parks-Cramer Company, a corporation of Massachusetts
Application July 15, 1935, Serial No. 31,422
3 Claims. (Cl. 15—20)

1. An apparatus for the purpose set forth comprising a track, a truck mounted to travel along the track, a fan casing supported by and above the truck, a motor on the truck, a fan in the fan casing driven by the motor, means driven by the motor for propelling the truck, a locking plate on the underside of the fan casing, a latch mounted on the motor and engaging the locking plate to normally prevent turning of the fan casing, a trip lever fulcrumed on the truck and pivoted at one end to the lower end of the latch, yieldable means for holding the latch normally in engagement with the locking plate, obstructions at intervals along the track to be engaged by



the trip lever for releasing the latch, and means carried by the truck and connected to the casing for turning the casing relative to the motor in one direction, and pairs of abutments mounted in spaced relation to each other along the track for engaging the turning means to impart successive quarter turns to the casing each time an abutment is engaged.

2,063,817
TWO-CYCLE ENGINE
Marion Mallory, Detroit, Mich.
Application July 3, 1935, Serial No. 29,698
9 Claims. (Cl. 123—53)



5. In a two-cycle engine, a cylinder having two intake ports located one above the other, an air passageway leading to the upper port, a large venturi and a small venturi arranged side by side and leading to the lower port, a common compressed air supply for the air passageway and the two venturis, fuel jets opening into the respective venturis, valves operable to increase or diminish the flow through the air passageway and the large venturi simultaneously, and a third valve controlling the flow through the small venturi and adapted to close as the other valves open and to open as the other valves close.

2,063,818
ORTHOPEDIC DEVICE
Jacob Mankinen, Ashtabula, Ohio
Application April 23, 1936, Serial No. 76,055
4 Claims. (Cl. 128—69)

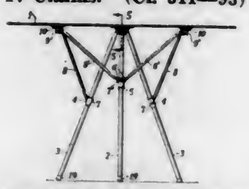
1. An orthopedic device including a roller having a central portion with end concaved necks and enlarged roller heads at the outer ends of

the necks, a pair of transverse openings in the roller, respectively adjacent the ends of the central portion, a U-shaped wire frame having the



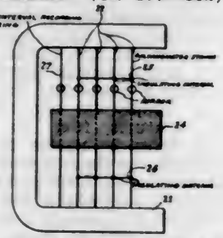
legs thereof removably and adjustably received in the openings and a cushion covering for the exposed portion of the wire frame.

2,063,819
PORTABLE TABLE
George W. Mattson, Denver, Colo.
Application October 4, 1934, Serial No. 746,905
17 Claims. (Cl. 311—93)



1. In a table, a table top, and a legged structure adapted for detachable connection with said top, said legged structure including a connecting member and a plurality of legs each pivotally connected thereto for individual movement, and leg braces adjustably carried by said legs, and said top carrying at its under side means complemental to said connecting member and braces whereby same may be connected with said top and disconnected therefrom, the adjustability of said braces relatively to said legs providing for adjustment of the height and inclination of said top.

2,063,820
METHOD OF RECORDING SEISMIC WAVES
Karmon Lorane McHenry, Dallas, Tex., assignor, by direct and mesne assignments, of one-third to C and G Oil Company, Inc., and one-third to Wanete Oil Company, both of Dallas, Tex.
Application January 30, 1934, Serial No. 708,961
3 Claims. (Cl. 177—352)



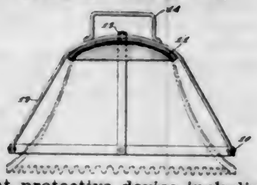
1. Means for exploring geological formations in an area having a substratum of different density than the overlying strata, said means comprising an apparatus for recording seismic waves from an artificially created center of disturbance near the surface of the earth and from which seismic waves are propagated in all directions, the apparatus comprising a plurality of seismometers or electrical detectors placed at points remote from the center of disturbance and spaced apart so that substantially horizontal waves are out of phase on arrival at the seismometers or detectors, the seismometers or detectors, severally and individually, electrically connected to a like number of individual elements of a multiple string galvanometer and the several strings mechanically linked so that they will move freely in unison but their action is restricted when not acting in unison, whereby to record simultaneously the impulses received by the several seismometers or detectors and whereby, also, horizontal and/or other substantially "out-of-phase" components of the seismic wave trains received at the several seismometers or detectors are damped or diminished in amplitude in proportion to the inertial resistance of, or reversal of phase in, the several strings and the effects of the substantially "in-phase" waves reflected from the substratum are recorded in substantially their full, true and characteristic forms.

2,063,821
DRILL PIPE FLOAT VALVE
Joseph A. McKenzie, Oklahoma City, Okla.
Application November 30, 1935, Serial No. 52,310
4 Claims. (Cl. 137—69)



1. A drill pipe float valve, in combination with a coupling, comprising a valve head operably mounted in the coupling, a stem connecting the head, a resilient annular valve seat suitably supported in the coupling, an annular spider suitably supporting the inner wall of the seat and acting as a guide for said valve stem, spring means for normally holding said valve head against said valve seat, means for protecting said spring from contact with a well fluid, and means for regulating the pressure exerted by said spring on said valve head.

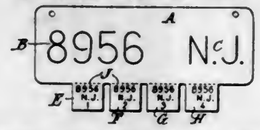
2,063,822
PLANT PROTECTIVE DEVICE
Henry W. Muller, Richmond Hill, N. Y.
Application January 3, 1936, Serial No. 57,439
2 Claims. (Cl. 47—28)



2. A plant protective device including a bowl-like cover having a crown and a radially corru-

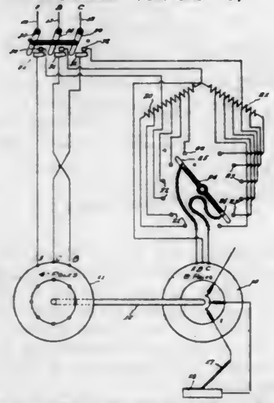
gated skirt proceeding from said crown, with a cover setting device comprising a dome adapted to contact said cover crown whereby to effect the expansion of said cover skirt upon application of manual pressure on said dome, a ring spaced from and secured to said dome and adapted to distort the corrugations of said skirt to lock same in expanded condition, said ring being secured to said dome by spaced bars fastened to the ring and extending over said dome and secured thereto.

2,063,823
VEHICLE LICENSE PLATE OR THE LIKE
Eugene V. Myers, East Orange, N. J.
Application June 3, 1930, Serial No. 459,037
4 Claims. (Cl. 40—125)



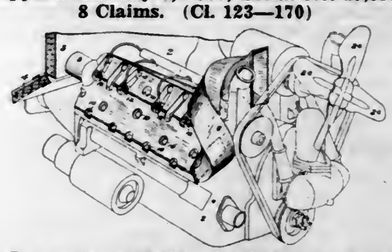
1. A license plate for vehicles, comprising a hard weather-resisting plate adapted for attachment to the exterior of a motor vehicle, and said plate having a main section carrying official indicia of the government issuing the plate and index of the particular plate, such as a number, and said main section having integrally attached thereto readily removable sections to constitute by their presence or official absence a driving record.

2,063,824
CONTROL SYSTEM FOR FREQUENCY CONVERTERS
Robert Notvest, Indianapolis, Ind., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind., a corporation of Indiana
Application April 27, 1934, Serial No. 722,638
1 Claim. (Cl. 219—8)



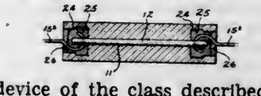
In a frequency converter system for use in a welding circuit having a driving motor and an induction generator whose armature is actuated by the driving motor, both motor and generator being supplied from a common power circuit, the combination of a power circuit, a motor circuit, a generator field circuit connected to the stator of the generator, switch means to insure connecting the power circuit first to the motor circuit and then to the generator circuit, and means of adjusting the generator field strength and the electrical output from the rotor of the generator, and an armature circuit associated with the rotor of the generator.

2,063,825
AUTOMOBILE HEATER
Ralph B. Otwell, Detroit, Mich.
Application May 3, 1935, Serial No. 19,654
8 Claims. (Cl. 123—170)



1. In a water-cooled engine having an internal combustion chamber, an air passage having a wall in common with said combustion chamber; and a superimposed water passage having a lower wall in common with the air passage, whereby the air may attain a higher temperature than the cooling water; and means for causing a current of air to pass through said air passage between the combustion chamber and the water jacket.

2,063,826
RESISTOR
Harold Pender, Merion, Pa., assignor to International Resistance Company, Philadelphia, Pa., a corporation of Delaware
Application June 1, 1932, Serial No. 614,679
5 Claims. (Cl. 201—63)



2. In a device of the class described, in combination, a tubular member formed from insulating material, said tubular member having recesses in its opposite ends, the dimensions of said recesses being greater at points spaced from the ends of said tubular member, a resistor rod disposed within the bore of said member and having its end portions disposed within said recesses, metal in said recesses surrounding and embracing said end portions of said resistor rod and engaging the walls of said recesses at said points, and wire terminals embedded in the metal of each of said recesses.

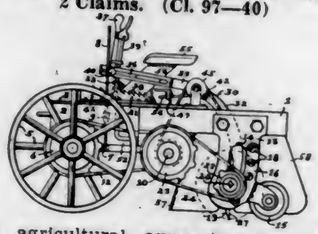
2,063,827
FASTENER
Bion C. Place, Detroit, Mich., assignor of one-half to George E. Gagnier, Detroit, Mich.
Application November 17, 1930, Serial No. 496,252
6 Claims. (Cl. 24—213)



1. A one-piece metal fastener complete in itself for attaching trim panels or the like to a perforated supporting structure formed of a strip of spring material having a width materially less than the diameter of the perforations in said supporting structure, comprising a pair of spaced jaws normally presenting converging portions which serve to firmly frictionally grip the panel to which the fastener is applied when said portions are separated by the entry of a part of the

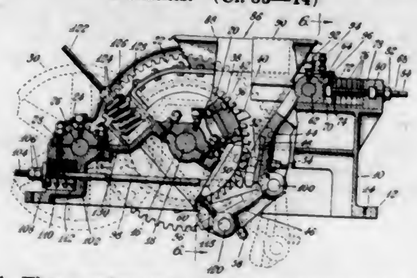
panel therebetween, one of said jaws being provided with a resilient compressible shank formed from the material of the fastener, said shank being shaped to provide means to prevent the ready withdrawal of said shank from a perforation in a supporting structure in which it is snapped.

2,063,828
AGRICULTURAL APPARATUS
Idris J. Richards, Pittsburgh, Pa.
Application October 1, 1935, Serial No. 43,041
2 Claims. (Cl. 97—40)



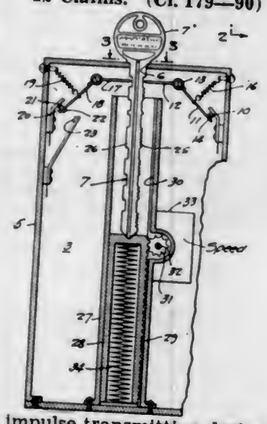
1. An agricultural apparatus comprising a frame, a transversely extending axle fixed at the front of said frame, a pair of comparative large traction wheels revolubly mounted at respective ends of said axle, a pair of relatively small wheels supporting the rear of said frame, a soil tilling rotor revolubly mounted at the rear of said frame and including a plurality of separate soil breakers having detachable soil cutters, an independently controlled drive mechanism connected with each of said large traction wheels for rotating said rotor, power-operated means for elevating said rotor to the non-operative position in said frame, automatically operated means for suspending the rotor elevating operation, and means for automatically securing said rotor in the elevated position.

2,063,829
CRUSHER
Homer W. Riley, Pittsburg, Kans., assignor to The McNally-Pittsburg Mfg. Corp., Pittsburg, Kans., a corporation of Kansas
Application March 14, 1934, Serial No. 715,549
4 Claims. (Cl. 83—14)



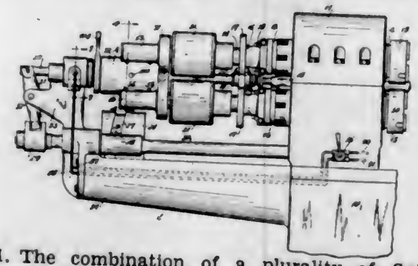
1. The combination with a frame having a crusher roll supported thereby, of a breaker plate arranged in operative relation with the crusher roll, bearing means for pivotally connecting the breaker plate with said frame, a pair of tension rods connected with the frame and said breaker plate to yieldingly hold the latter in operative relation with the crusher roll, a second breaker plate pivotally connected with said first-named breaker plate, and tension rods connected with said frame and said second breaker plate, to yieldingly hold the latter in operative relation with the crusher roll.

2,063,830
TELEPHONE CALL SYSTEM
John H. Rouse, Los Angeles, Calif.
Application August 28, 1933, Serial No. 687,053
12 Claims. (Cl. 179—90)



1. In an impulse transmitting device, a contact mechanism capable of being operated by movement of a number of separate removable contact operating members, and means forming a receiver for but a single member to position it operatively with respect to said mechanism at a time.

2,063,831
METALWORKING MACHINE
Harry W. Rupple, Shaker Heights, Ohio, assignor to The Cleveland Automatic Machine Company, Cleveland, Ohio, a corporation of Ohio
Application November 18, 1933, Serial No. 698,653
19 Claims. (Cl. 29—38)

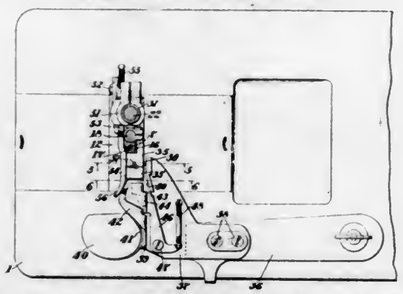


1. The combination of a plurality of fluid pressure motors, means for conducting fluid to said fluid pressure motors having a plurality of pairs of passages adapted to be successively connected with each of said fluid pressure motors, and means for alternately connecting one of said pairs of passages with a source of fluid pressure and with exhaust.

2,063,832
LIGHT SENSITIVE DIAZO LAYERS
Georg Werner, Wiesbaden-Biebrich, Germany, assignor to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany
No Drawing. Application February 12, 1936, Serial No. 63,641. In Germany November 29, 1934
7 Claims. (Cl. 95—7)

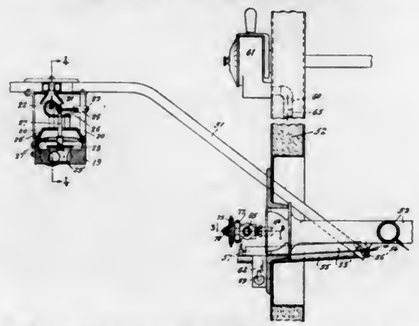
1. Light sensitive layers comprising the diazo compound of an acylamino-arylamine, said aryl being of the benzene series containing as the acid residue a thioglycol acid residue.

2,063,833
HEM-FOLDING AND SHAPING DEVICE FOR SEWING MACHINES
James E. Ackerman, Devon, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application March 2, 1935, Serial No. 9,010
6 Claims. (Cl. 112—141)



1. In a sewing machine, stitch-forming mechanism including a reciprocatory needle, work-feeding means, a presser-foot, a hem-folder disposed in front of said needle having means for folding a margin of body material back upon itself to form the outer fold of a hem, and for inturning the edge of the folded back margin to thereby form the inner fold of the hem, a hem-shaping member having a vertically concave guiding face inclined rearwardly toward the line of seam formation and disposed for engagement in advance of said needle by said inner fold of the hem delivered by said hem-folder, said concave guiding face terminating at its lower edge in a fin extending underneath said presser-foot, and an outer hem-fold edge-guide opposed to said guiding face.

2,063,834
GAS RANGE
Frank J. Bast, Queens Village, and Robert A. Skinner, New York, N. Y., assignors to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y., a corporation of New York
Application December 22, 1932, Serial No. 648,388
2 Claims. (Cl. 158—117.1)

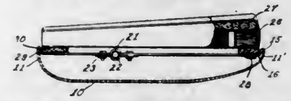


2. In a gas range ignition system, the combination of a range, an oven, and an oven burner, a main gas supply pipe for the gas used in the range and oven, a manifold, a gas supply pipe from said manifold to the oven burner, a main pilot mounted on said main gas supply pipe, a flash tube leading from the main pilot to a point within the oven and in proximity to the oven burner, an auxiliary flash tube extending from said point to the outside of the oven, an auxiliary gas pipe leading from the end of said auxiliary flash tube within the oven to a point outside of the oven, a pilot at the outer end of said auxiliary gas pipe, a main gas inlet valve for the oven, an expansible thermostatic element positioned thereon and controlling the open and closed position thereof and affected by the exterior pilot of the auxiliary flash tube when ignited, a pilot at the other end of the auxiliary flash tube in proximity to the oven burner and in igniting relation thereto, and a pilot gas line leading to the auxiliary gas pipe, the operative relationship of the elements being such that when the pilot gas line is opened, the gas flowing therethrough will be flash-ignited by the main pilot, an independent flash being conducted through the auxiliary flash tube, igniting its pilot at the end adjacent to the main oven gas valve, causing said valve to open and causing ignition of the oven burner by the pilot flame at the other end of the auxiliary flash tube.

2,063,835
CHEMICALLY-RESISTANT MATERIAL
Marcus K. Billson, Honolulu, Territory of Hawaii, assignor to Hawaiian Hume Concrete Pipe Company, Limited, Honolulu, Territory of Hawaii, a corporation of Hawaii
No Drawing. Application February 5, 1936, Serial No. 62,545
9 Claims. (Cl. 106—23)

1. A protective coating having a smooth and hard finish for pipes, tubes and the like, said coating consisting essentially of silica and sulphur in substantially equal proportions and rubber in an amount not exceeding a minor fraction of the amount of sulphur.

2,063,836
CHAIR SEAT
Irl R. Bromagem, Union City, Ind., assignor to Union City Body Company, Union City, Ind., a corporation of Indiana
Application March 9, 1936, Serial No. 67,759
5 Claims. (Cl. 155—178)



1. A chair seat comprising a pan formed from a single sheet of material having integral upturned sides and back and having the sides at the rear drawn outwardly to form abutment members and having inwardly extending horizontal flanges on the inner faces of at least the sides and front, pivot members extending from the sides, and a cushion fitting within the side and ends of said pan and resting upon the inwardly extending flanges.

2,063,837
CONDENSATION PRODUCT AND PROCESS
Herman A. Bruson, Germantown, Pa., assignor to The Resinous Products & Chemical Co. Inc., Philadelphia, Pa.
No Drawing. Application March 20, 1933, Serial No. 661,790
11 Claims. (Cl. 260—8)

1. The process of making a resin which is compatible with cellulose acetate, which consists in heating at reaction temperature a mixture of reacting proportions of alpha-terpineol and a member of the group consisting of maleic anhydride and maleic acid; and removing the water and volatile impurities from the reaction product.

2,063,838

SICCATIVE METAL SALTS AND METHOD OF USING THEM

Herman A. Bruson, Elkins Park, and Otto Stein, Lansdowne, Pa., assignors to The Resinous Products & Chemical Company, Philadelphia, Pa.

No Drawing. Application February 26, 1935, Serial No. 8,300. In Germany March 5, 1934
15 Claims. (Cl. 134—57)

1. A process for preparing a complex siccative metal salt readily soluble in low acid-number drying oils, which comprises heating a mixture of monobasic naphthenic acids and an ether acid of the general formula $R—O—C_nH_{2n}—COOH$ wherein R is a member of the group consisting of cycloaliphatic hydrocarbon radicals and aliphatic hydrocarbon radicals containing at least five carbon atoms, and n is a whole number of from 1 to 3 inclusive, with one of the group consisting of the oxide, hydroxide, carbonate or acetate of a siccative metal, in the presence of a volatile, inert organic solvent for the complex salt.

2,063,839

DEEP WELL PUMP

Harold S. Crooks and George Highfield, Tulsa, Okla., assignors of one-half to Dunn & Lewis, a partnership composed of Irwin L. Dunn and James O. Lewis, Tulsa, Okla.

Application May 24, 1935, Serial No. 23,203
13 Claims. (Cl. 103—225)



1. In a pump including a working barrel, a traveling member reciprocable within the working barrel, a packing ring loosely supported on the traveling member and slidable relative thereto, said packing ring having spaced lips respectively engaging the traveling member and said working barrel to seal the space therebetween responsive to stroke of the traveling member in one direction and to release said sealing engagement upon movement of the traveling member in the opposite direction.

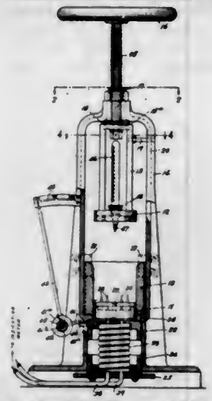
2,063,840

MOISTURE TESTING DEVICE

Charles O. Fairchild, St. Albans, and James P. Henderson, Brooklyn, N. Y., assignors to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y., a corporation of New York

Application August 25, 1933, Serial No. 686,670
23 Claims. (Cl. 175—183)

1. In a moisture-testing device for loose fibrous or comminuted material, the combination of mechanism for compressing a quantity of such material to an approximately predetermined pressure, a pair of electrodes, each comprising a plurality of conductors insertable into the body of



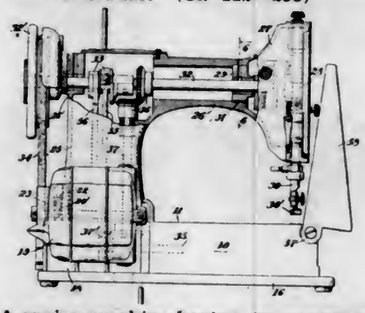
compressed material, for establishing electrical contact at spaced points within the body of such material and adapted to be connected with a measuring instrument, and an insulated base for supporting said electrodes.

2,063,841

SEWING MACHINE FRAME

Herbert J. Goosman, Elizabeth, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey

Application April 11, 1934, Serial No. 719,996
8 Claims. (Cl. 112—258)



1. A sewing machine having, in combination a bed having depending side-walls and end-walls forming an enclosure, a loop-taker actuating shaft journaled in said bed and having one of its ends extending through one of the end-walls, a loop-taker fixed to the end of the shaft extending beyond said wall in an exposed position outside of the enclosure defined by said side-walls and end-walls, and an extension-plate pivotally secured to said bed, said extension plate being swingable upwardly to provide access to said loop-taker.

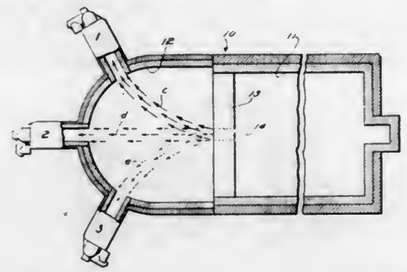
2,063,842

SELECTIVE APPARATUS FOR AND METHOD OF CONTROLLING FLOW OF GLASS TO TANK OR FURNACE FOREHEARTHS

William T. Honiss, West Hartford, Conn., assignor to Hartford Empire Company, Hartford, Conn., a corporation of Delaware

Application January 4, 1935, Serial No. 377
10 Claims. (Cl. 49—56)

1. The combination with a glass melting tank or furnace having a plurality of glass receiving forehearths at the delivery end thereof, of mechanism for causing circulatory movement of glass in the delivery end portion of said tank or fur-



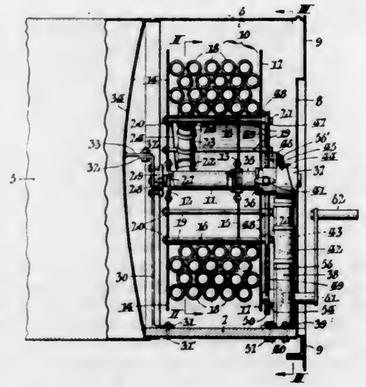
nace in such a way as to supply said forehearths in a predetermined variable order with thermally different portions of the glass thus caused to circulate.

2,063,843

ROTARY FLUID-CONDUCTING HOSE REEL CONSTRUCTION

James A. Jensen, Philadelphia, Pa., assignor to Quaker City Iron Works, Philadelphia, Pa., a corporation of Pennsylvania

Original application September 9, 1933, Serial No. 688,797. Divided and this application October 18, 1934, Serial No. 748,816
6 Claims. (Cl. 299—78)



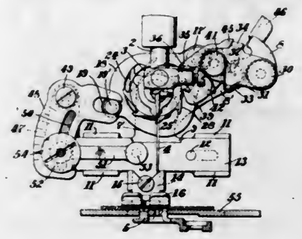
6. In a fluid-conducting hose reel of the type described, comprising a sheet-metal drum component, a unitary tubular spindle of less length than the drum component having its outer end closed-in to provide a surrounding flange with an axially projecting trunnion and also embodying a circumferential flange adjacent the spindle open end, an annular diaphragm permanently secured intermediate the circumferential flange and the drum inner surface to maintain said parts in exact axial relation, a discous end head permanently secured to the spindle end-surrounding flange and the planarly-related drum component end to permanently close in the latter thereat, an annular head permanently secured to the drum component open end and extending inwardly thereof, and a series of circumferentially-spaced longitudinal stays bracing the parts aforesaid interiorly of the drum component.

2,063,844

ATTACHMENT FOR SEWING MACHINES

John D. Karle, Roselle Park, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey

Application December 20, 1934, Serial No. 758,381
6 Claims. (Cl. 112—160)



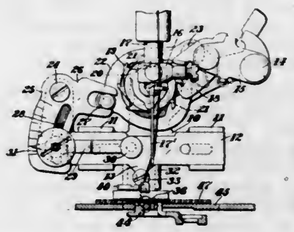
1. A zigzag-stitching attachment comprising a member adapted to be secured to the presser-bar of a sewing machine, a frame carried by said member, a slide-plate carried by said frame, a swingable member carried by said frame, a cam for vibrating said member, ratchet and pawl means for actuating said cam, a bell-crank lever pivoted to said frame and actuated by said swingable member and means for connecting said bell-crank lever to said slide-plate.

2,063,845

ATTACHMENT FOR SEWING MACHINES

John D. Karle, Roselle Park, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey

Application July 20, 1935, Serial No. 32,349
8 Claims. (Cl. 112—160)



1. A presser-foot for sewing machines comprising a shank, a sole-plate carried thereby, and a stitch-finger carried by said sole-plate, said stitch-finger having an abruptly downwardly inclined thread-deflecting portion.

2,063,846

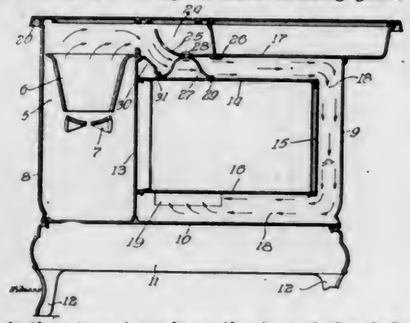
COMBINATION RANGE

Henry Lange, Quincy, Ill., assignor to The Quincy Stove Manufacturing Company, Quincy, Mass., a corporation

Application March 16, 1934, Serial No. 715,861
2 Claims. (Cl. 126—39)

1. In a stove the combination with a fire box, a burner box and an oven forming a pocket above the oven and between the burner box and the fire box with a flue of smaller size leading therefrom across the top of the oven, a stove top extending across the top of the pocket and a deflector plate extending from the lower adjacent edge of the burner box upwardly across the pocket

toward the top of the fire box but terminating short of the stove top to allow heating gases to



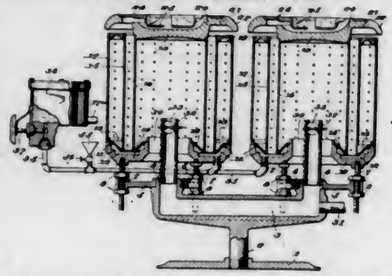
reach the stove top above the top of the deflector plate.

2,063,847

OIL BURNER

Michael A. S. Lavigne, Worcester, Mass., assignor of fifteen per cent to Marvin M. Taylor, Worcester, Mass., and eighty-five per cent to Marvin M. Taylor as trustee for Isobel R. Lavigne

Application February 2, 1931, Serial No. 513,029
6 Claims. (Cl. 158—87)



6. A combustion tube burner having a base provided with upstanding walls presenting between them a broad fuel chamber, means for supplying liquid fuel to the bottom of said chamber, separate removable covers extending part way over opposite sides of said chamber but leaving between them an annular exit opening adapted to receive a wick, the bottom of said chamber presenting flow surfaces for the liquid fuel directly beneath said covers, and spaced combustion tubes forming a combustion chamber in upstanding relation to the fuel chamber and communicating therewith through said opening but of narrower width than the said fuel chamber, said tubes being supported one by each of said covers, whereby on removal of the latter said fuel chamber is opened and exposed to view.

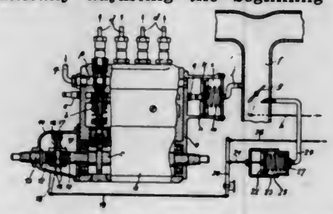
2,063,848

INJECTION INTERNAL COMBUSTION ENGINE

Alfred Meyer and Eugen Holzbaur, Stuttgart, Germany, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany

Application December 5, 1934, Serial No. 756,135
In Germany December 23, 1933
2 Claims. (Cl. 123—140)

1. In an injection internal combustion engine having an air inlet duct, a throttle valve in said duct, a fuel pump, control means including a pneumatic servo-motor connected to the air inlet duct between the throttle valve and the engine for automatically adjusting the quantity of fuel delivered by said pump in dependence upon the air current prevailing in the air suction pipe and varying in conformity with the engine speed, means, independent of said control means, for automatically adjusting the beginning of the



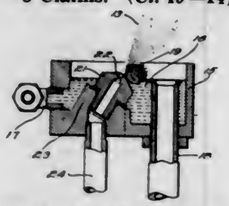
fuel injection delivered by said pump in dependence upon the air current prevailing in the air suction pipe and varying in conformity with engine speed, said last-mentioned means including a servo-motor, a pipe connection from said servo-motor to said air inlet duct on the side of the throttle valve remote from the engine, and manual means for adjusting said last-mentioned means.

2,063,849

MECHANISM FOR AND METHOD OF SPRAYING GLASS-CUTTING SHEARS OR THE LIKE

Karl E. Peller and Donald K. Morgan, West Hartford, Conn., assignors to Hartford-Empire Company, Hartford, Conn., a corporation of Delaware

Application September 24, 1935, Serial No. 41,882
8 Claims. (Cl. 49—14)



1. A sprayer for a shear blade of a glass feeder comprising an open-topped container for a liquid supply body located below and adjacent to the shear blade when the latter is retracted, a nozzle for directing a stream of pressure fluid upwardly from a point adjacent to the surface of the liquid in the container toward said retracted shear blade, and a member having a liquid induction surface partly submerged by said supply body of liquid and extending above the latter to the path of said stream of pressure fluid and at an acute angle therewith for cooperating with the latter to induce movement of liquid from the supply body to position on said surface to be sprayed therefrom onto said retracted shear blade.

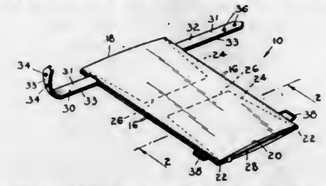
2,063,850

LADY'S HANDBAG

Theresa Nemeth and Geza Adam, Ronkonkoma, N. Y., assignors to Nemeth & Adam, Inc., Ronkonkoma, N. Y.

Application May 18, 1936, Serial No. 80,246
8 Claims. (Cl. 150—28)

1. A handbag comprising two substantially coextensive layers of material united at their side edges and separable at their adjacent ends, pocket forming means between said layers, the opening of said pocket being disposed at said adjacent ends, said layers being foldable whereby either one may be disposed on the outside of the bag and the other on the inside of the bag, and separable means projecting from the side edges of said layers at opposite sides of a transverse median line engageable with each other for releasably se-



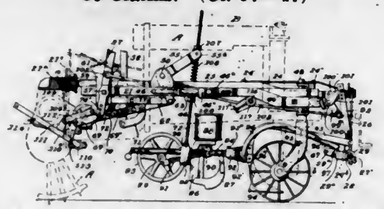
curing said layers in folded relation, said separable means comprising, respectively, loops and straps stitched to the side edges of said layers, said layers being of different appearance and said straps having their opposite sides of different appearance whereby said straps may match the appearance of the layer on the outside of the bag.

2,063,851

TILLAGE IMPLEMENT

Charles T. Ray, Louisville, Ky., assignor to B. F. Avery & Sons Company, Louisville, Ky., a corporation of Delaware

Application July 15, 1932, Serial No. 622,757
80 Claims. (Cl. 97—47)



1. A tractor propelled implement comprising a frame provided at its outer side with a ground-engaging wheel, said frame including a transverse member at its forward end having means for pivotally connecting it to the forward end of the tractor to have movement about a horizontal axis relatively to the tractor, a longitudinal member at its inner side, and a diagonal member which connects the outer end of the transverse member with the longitudinal member near the rear end of the latter, said diagonal member having a rearwardly bent rear end and said longitudinal member having its forward end connected to said transverse member and its rear end in vertical alinement with the rearwardly bent rear end portion of the diagonal member and secured to and projecting rearwardly beyond the latter and adapted to loosely enter a socket on the tractor and to receive the propelling thrust from said tractor.

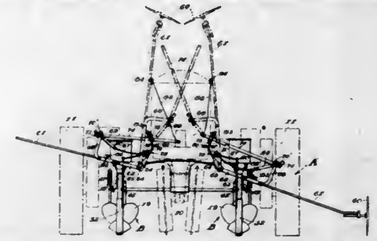
2,063,852

TILLAGE IMPLEMENT

Charles T. Ray, Louisville, Ky., assignor to B. F. Avery & Sons Company, Louisville, Ky., a corporation of Delaware

Application July 15, 1932, Serial No. 622,760
33 Claims. (Cl. 97—230)

12. The combination of a tractor, soil-treating means connected thereto, a pair of markers having supporting arms pivotally connected to the tractor, means under control of the operator for raising the soil-treating means and the markers to inoperative position by power derived from the tractor, said marker supporting arms mounted to



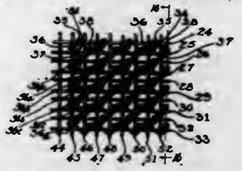
be optionally movable upwardly into a position higher than that to which they are movable by said power, and releasable means for holding them in their said higher position.

2,063,853

KNOTTED TUFT FABRIC AND METHOD OF WEAVING SAME

Walter A. Rice, Yonkers, and Frank G. Shinn, Bronxville, N. Y.

Application January 28, 1933, Serial No. 654,046
20 Claims. (Cl. 139—400)



1. The method of forming a tuft yarn to bind together warp threads and weft threads interwoven with the warp threads and crossing them, which consists in forming a knot from the tuft yarn with an eye and a loop, one of which passes about the warp thread and the weft thread at the crossing to bind them together and the other of which passes about an additional warp thread to bind it to the first warp thread and the weft thread.

2,063,854

POLYBASIC ALIPHATIC ACID-POLYHYDRIC ALCOHOL RESIN

Israel Rosenblum, Jackson Heights, N. Y.

No Drawing. Application January 15, 1934, Serial No. 706,774
20 Claims. (Cl. 260—8)

4. The method which comprises reacting 1 mol. of glycerol with at least about 1 mol. but considerably less than 3 mols of a monobasic acid obtainable by hydrolysis of a member of the group consisting of fatty oils and fats until a product of low acid number is obtained, and then reacting the so partially esterified glycerol with a quantity of phthalic acid and a polybasic aliphatic acid, said latter two acids being in such relative proportions as would produce two immiscible layers upon simultaneous reaction with the glycerol and the first-named acid.

2,063,855

POLYBASIC ALIPHATIC ACID-POLYHYDRIC ALCOHOL RESIN

Israel Rosenblum, Jackson Heights, N. Y.

No Drawing. Application December 6, 1933, Serial No. 701,181
8 Claims. (Cl. 260—8)

1. The method of producing homogeneous, oil-soluble resins containing maleic acid, which com-

prises reacting glycerol and one or more of the acids obtainable on hydrolysis of an oil or fat in substantially the theoretical amount required to form the glycerol diester of such acid or acids until a product of low acid number is obtained, and then reacting such product with substantially the theoretical amount of maleic acid required to neutralize the same.

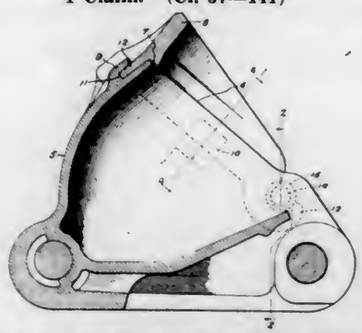
2,063,856
SUCCINIC ACID RESIN
Israel Rosenblum, Jackson Heights, N. Y.
No Drawing. Application December 7, 1933, Serial No. 701,364
11 Claims. (Cl. 260—8)

1. The method of producing oil acid-modified polyhydric alcohol-polybasic acid resins suitable for the manufacture of coating compositions wherein the polyhydric alcohol is glycerol and the polybasic acid is succinic acid, which comprises reacting glycerol and the substantially theoretical amount of an acid obtained on hydrolysis of an oil or fat required to convert substantially all of the glycerol into the partial glycerol ester of such acid, and then reacting such partial ester with substantially the theoretical amount of succinic acid required to neutralize the same until a soluble, homogeneous resinous condensation product is obtained.

2,063,857
LUBRICATING OIL
Waldo L. Steiner, Ponca City, Okla., assignor, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio, a corporation of Delaware
No Drawing. Application February 10, 1934, Serial No. 710,732
5 Claims. (Cl. 87—9)

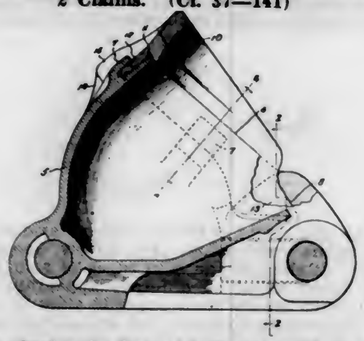
1. A lubricating oil comprising in combination a hydrocarbon oil and a small quantity of a halogenated terpene.

2,063,858
DREDGE BUCKET
William H. Stires, High Bridge, N. J., assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J., a corporation of New Jersey
Application December 18, 1934, Serial No. 758,117
1 Claim. (Cl. 37—141)



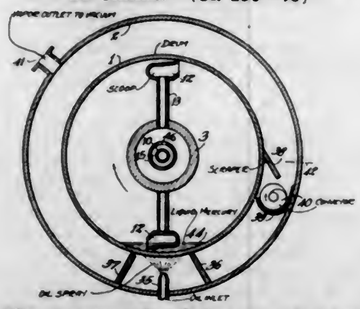
A dredge bucket having an uninterrupted smooth inner surface terminating in a rim whose edge wall defines a lip seat, a lip having a medial shouldered portion which fits the rim seat and having an outside lapping portion, means externally of the bucket and engaging the lapping portion of the lip to take the thrust thereof, bosses formed externally of the bucket and the lip having trailing ends adapted and arranged for swingingly engaging said bosses.

2,063,859
DREDGE BUCKET
William H. Stires, High Bridge, N. J., assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J., a corporation of New Jersey
Application December 18, 1934, Serial No. 758,118
2 Claims. (Cl. 37—141)



1. A dredge bucket and lip assembly of the rivetless type comprising, in combination, a bucket having external abutments and receptacles for cooperation with the lip, a swingable lip having a skirt to engage the abutments and elbow-like terminals to engage the receptacles, said receptacles having bottoms lying in a substantially horizontal plane to support the extremities of the terminals and permit them to move back into locking engagement with the receptacle walls when the lip is swung downwardly to operative position.

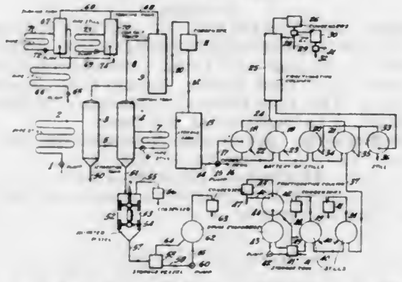
2,063,860
PROCESS FOR FILM TREATMENT OF OIL
Justin F. Wait, New York, N. Y.
Application May 6, 1933, Serial No. 670,742
14 Claims. (Cl. 196—79)



6. The process of refining oil of lubricating range which comprises treating oil of lubricating range with an alkali metal so as to rearrange unstable portions thereof into light vapors while simultaneously altering and removing impurities and increasing the viscosity index by flowing purified oil and residual mass containing about one half pound of metal per barrel of oil into contact with a rotating drum so as to form a film of oil and metal thereon, applying heat to the film on the drum from the interior of the drum so as to form vapors under the influence of the metal, holding the temperature of the surface of the drum at about 350° C. or a little below and controlling the drum speed so as to retain a film and promote undisturbed distillation and applying a vacuum to the atmosphere surrounding the film so as to volatilize substantially all of the oil

during a single revolution of the drum, and so producing a substantially solid residue and oil vapors which are improved in viscosity index, stability and color and wherein heat is applied to the drum by flow of mercury vapors under controlled pressure, said flow being through a hollow axle of the drum while condensate of said vapors is removed through a concentric annular channel separated from the bearing of the drum by an annular heat-insulating space and wherein scoops are used to elevate condensate mercury and flow it outwardly through the condensate line.

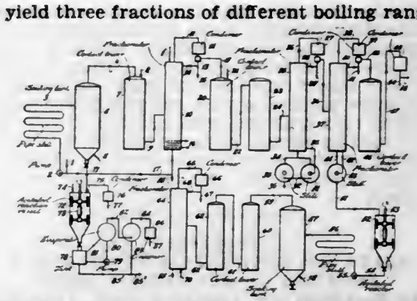
2,063,861
PROCESS OF REFINING PETROLEUM OIL
Justin F. Wait, New York, N. Y.
Application May 24, 1933, Serial No. 672,572
7 Claims. (Cl. 196—35)



1. In refining petroleum, the steps of flowing oil through a pipe still and applying heat to attain a cracking temperature, separating vapors from liquid, quickly flowing the vapors through a zone of contact with molten mass containing free active alkali metal at between about 300° C. and 500° C., separately cracking oil by flow thereof through a second pipe still and a second separating zone and flowing the fixed gases with not-easily-condensed vapors thereof into the contact zone in contact with vapors from the first pipe still as they are being treated with the alkali metal, so promoting rearrangement of the vapors and combination of portions thereof, condensing vapors so treated and flowing them through a multiplicity of stills with an oxidant to promote mild oxidation of increasing temperature, fractionating vapors therefrom, discharging oil residual to vapors from one still to a second zone of contact and treating the same thereat with alkali metal under reduced pressure at between 200° C. and 400° C. and volatilizing purified oil from the oil and treating agent spread in a thin film and under substantial vacuum.

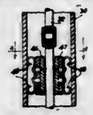
2,063,862
PROCESS OF REFINING PETROLEUM OIL
Justin F. Wait, New York, N. Y.
Application May 24, 1933, Serial No. 672,573
11 Claims. (Cl. 196—35)

1. The process of refining petroleum oil which comprises cracking the oil, flowing vapors of the cracked oil through a zone of contact with a molten mass containing an alkali metal at a cracking temperature between 350° C. and 500° C. to influence rearrangement and to remove impurities, fractionating the vapors so treated to separate them into gases, a light fraction, and a heavy fraction, flowing the separated vapors of the light fraction together with the gases through a zone of contact with circulated molten mass containing alkali metal at a temperature of about 300° C. and 500° C. to effect further purification and fractionating the vapors so treated to yield three fractions of different boiling ranges



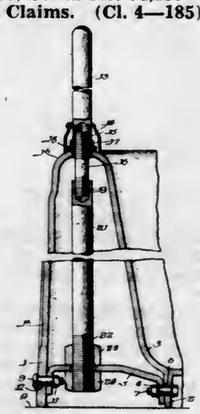
and wherein one is of the gasoline range and colorless.

2,063,863
DEEP-WELL PUMP
Arthur C. Zimmerman and Elmer F. Steger, Dayton, Ohio, assignors to The Duro Company, Dayton, Ohio, a corporation of Ohio
Original application January 5, 1935, Serial No. 478. Divided and this application July 23, 1935, Serial No. 32,770
2 Claims. (Cl. 308—4)



1. Guide means adapted to be mounted on a sucker rod and adapted to yieldingly engage the walls of a surrounding drop pipe when the sucker rod is deflected, said guiding means comprising a rubber cushion sleeve surrounded by a metal sleeve having axially disposed and annularly spaced thereon a plurality of metal strips having their ends formed into re-entrant loops outwardly disposed from the sleeve to resiliently engage the walls of the drop pipe when the sucker rod is deflected therein.

2,063,864
DEVICE FOR PROMOTING GREATER SAFETY IN CONNECTION WITH THE USE OF BATHTUBS
Roy H. Zinkil, Oak Park, Ill., assignor to Crane Co., Chicago, Ill., a corporation of Illinois
Refiled for abandoned application Serial No. 746,324, October 1, 1934. This application April 13, 1936, Serial No. 74,159
6 Claims. (Cl. 4—185)



6. In combination with a bath receptacle, a

vertically extending grab rod, an apron extending substantially the full depth of the said receptacle, legs supporting said receptacle, the said receptacle having means at its upper portion for guiding and supporting the said grab rod, means at the lower portion of said receptacle for fixedly holding said grab rod with relation thereto, the said holding means being concealed within the said apron and comprising means for anchoring to the respective legs and apron of the said receptacle.

2,063,865

SALTS OF ACRIDINIUM BASES AND A PROCESS OF PREPARING THEM

Max Bockmühl and Leonhard Stein, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application March 28, 1935, Serial No. 13,579. In Germany May 26, 1932
8 Claims. (Cl. 260—36)

1. The bicarbonates of alkylacridinium bases, said salts being difficultly soluble in water, readily soluble in acids with formation of the salts of these acids.

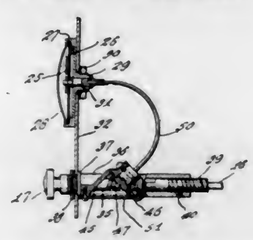
6. In the method of making alkylacridinium salts, the steps which comprise transforming strong mineral acid salts of alkylacridinium bases into the corresponding bicarbonates.

2,063,866

RADIO SET CONTROL

Earl C. Booth, Columbus, Ind., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind., a corporation of Indiana

Application September 23, 1936, Serial No. 102,103
4 Claims. (Cl. 116—124.1)



1. In a remote control for a radio receiving set, a rotatable tuning-control member, a shaft on which said member is mounted, a housing for said shaft, gearing mounted in said housing and driven by said shaft, a tuning indicator having a movable indicating element, a flexible shaft operatively interconnecting said gearing and said indicating element, a base, and means for independently mounting said shaft housing and indicator on said base.

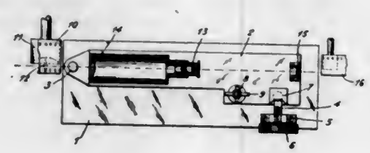
2,063,867

OPTICAL REDUCTION SOUND PRINTER

Raymond F. Brady, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application February 28, 1934, Serial No. 713,262
2 Claims. (Cl. 88—24)

1. A projection printer comprising means for continuously moving a negative film, means for continuously moving positive film stock, means for projecting an image of the sound track area of said negative film upon said positive film stock, a mounting for said projecting means pivoted adjacent the said negative film and an adjusting screw in cooperative relation with the other



end of said base member for adjusting the position of said image laterally of said positive film stock.

2,063,868

AMINO DERIVATIVES OF AROMATIC KETONES AND METHOD OF MAKING SAME

Edgar C. Britton and Lyman Heindel, Midland, Mich., and Fred Bryner, Yreka, Calif., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan

No Drawing. Application November 30, 1932, Serial No. 645,038
18 Claims. (Cl. 260—128)

1. In a method of making a compound having the general formula

$$\text{Aryl}-\overset{\text{H}}{\underset{|}{\text{N}}}-\text{R}-\overset{\text{N}-\text{Aryl}}{\overset{\|}{\text{C}}}-\text{R}'$$

wherein R represents an aromatic group and R' represents a group selected from the class consisting of alkyl, aryl, and aralkyl groups, the step which consists in reacting a nuclear halogenated aromatic ketone with substantially twice its molecular equivalent of a primary aromatic amine salt of a metal selected from the class consisting of the alkali metals, calcium, and magnesium.

12. A compound having the general formula

$$\text{Aryl}-\overset{\text{H}}{\underset{|}{\text{N}}}-\text{R}-\overset{\text{N}-\text{Aryl}}{\overset{\|}{\text{C}}}-\text{R}'$$

wherein R represents an aromatic group, and R' represents a group selected from the class consisting of alkyl, aryl, and aralkyl groups.

17. The method which comprises reacting a nuclear halogenated aromatic ketone with a primary aromatic amine salt of a metal selected from the class consisting of calcium, magnesium, and the alkali metals to form a halogenated ketone-imide having the general formula,

$$\text{X}-\text{R}-\overset{\text{N}-\text{Aryl}}{\overset{\|}{\text{C}}}-\text{R}'$$

wherein X represents halogen, R represents an aromatic group and R' represents a group selected from the class consisting of alkyl, aryl, and aralkyl groups, and thereafter reacting said imide with a primary aromatic amine salt of a metal selected from the class consisting of calcium, magnesium, and the alkali metals to form a compound having the general formula,

$$\text{Aryl}-\overset{\text{H}}{\underset{|}{\text{N}}}-\text{R}-\overset{\text{N}-\text{Aryl}}{\overset{\|}{\text{C}}}-\text{R}'$$

wherein R represents an aromatic group and R' represents a group selected from the class consisting of alkyl, aryl, and aralkyl groups.

2,063,869

SICCATIVE COMPOSITION AND PROCESS OF MAKING SAME

Carleton Ellis, Montclair, N. J., assignor to Ellis-Foster Company, a corporation of New Jersey

No Drawing. Application March 23, 1932, Serial No. 600,833
19 Claims. (Cl. 134—26)

1. An ammonia-soluble composition comprising unsaturated organic acid reaction product with tung oil and unsaturated organic acid reaction product with rosin.

2,063,870

NEWSPAPER SOUND RECORD SUPPLEMENT

William G. H. Finch, New York, N. Y.

Application April 22, 1936, Serial No. 75,851
8 Claims. (Cl. 274—42)



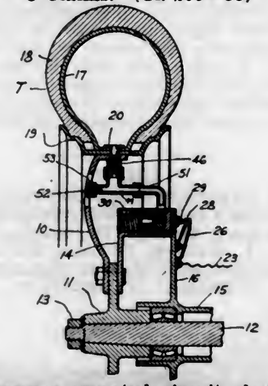
2. A sound record consisting of a sheet of printer's paper mat, said paper mat containing grooves therein having undulations corresponding to sound to be reproduced.

2,063,871

PNEUMATIC TIRE ALARM

Morgan C. French, Brighton, Colo.

Application March 28, 1935, Serial No. 13,549
3 Claims. (Cl. 200—58)



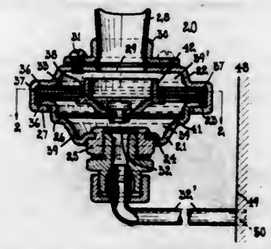
1. A pressure operated circuit closing means for a pair of normally spaced apart contacts comprising a casing, means for mounting the casing on a part movable with the wheel of a vehicle, a plunger carried by the casing and disposed in confronting relation to one of said contacts, a U-shaped slide member disposed within the casing and connected to the plunger, an expansible member disposed between the parallel legs of said U-shaped slide member, a plate connecting the free ends of the U-shaped member and engaging against an end of the expansible member to hold the plunger in inoperative position when the expansible member is expanded and a tensionable spring disposed within the casing and engaging against the inner ends of the U-shaped member for moving said member longitudinally of the casing upon decrease of the pressure within the expansible member to thereby maintain said plunger in engagement with said one contact.

2,063,872

WARNING SIGNAL GENERATOR

Alexis F. Gillet, Omaha, Nebr., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y., a corporation of New York

Application February 4, 1935, Serial No. 4,908
3 Claims. (Cl. 116—138)



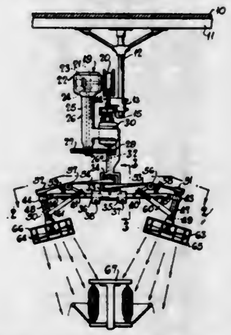
1. A warning signal including a casing having inlet and outlet ports, the latter to be connected to a source of suction, a vibratory diaphragm within said casing and provided with a centrally disposed opening permitting a flow of air from said inlet port to said outlet port, a reciprocable plunger valve within the casing and having a portion of its body extending through said diaphragm opening to vary the movement of air therethrough, the remainder of said valve lying adjacent the diaphragm face and means for constantly maintaining said plunger spaced with respect to said diaphragm whereby air may, under all circumstances, flow through said diaphragm opening.

2,063,873

CLEANING APPARATUS

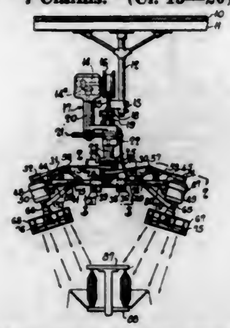
William B. Hodge, Charlotte, N. C., assignor to Parks-Cramer Company, Fitchburg, Mass., a corporation of Massachusetts

Application January 17, 1936, Serial No. 59,612
6 Claims. (Cl. 15—20)



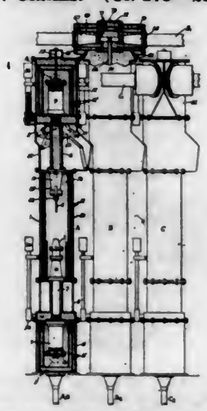
1. Apparatus for cleaning textile machinery comprising a track arranged above the machinery, a wheeled traveler mounted for travel on said track, a motor mounted on said traveler, a pair of outwardly and oppositely diverging arms mounted on said traveler, a pair of downwardly directed disk fans mounted on the outer end of said arms, means connecting the motor to the traveler and to the fans for driving the same, means for adjusting the position of the fans with relation to a transverse, vertical plane, and means for adjusting the position of said fans with relation to a longitudinal vertical plane.

2,063,874
TRAVELING CLEANER
William B. Hodge, Charlotte, N. C., assignor to Parks-Cramer Company, Fitchburg, Mass., a corporation of Massachusetts
Application January 17, 1936, Serial No. 59,613
7 Claims. (Cl. 15—20)



1. Apparatus for cleaning textile machinery comprising a trackway disposed above the machinery, a wheeled traveler mounted for travel along said trackway, a pair of oppositely and laterally projecting arms, an electric motor adjustably mounted on the outer end of each of said arms, each of said electric motors having a motor shaft and each motor shaft having a disk fan secured thereto, a driving connection between each of said electric motors and the wheels of said traveler for propelling the traveler along the trackway.

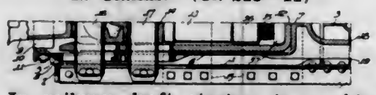
2,063,875
ELECTRICAL SWITCH GEAR
Herman J. Huber, Brookline, Pa., assignor to General Electric Company, a corporation of New York
Application October 20, 1934, Serial No. 749,203
7 Claims. (Cl. 175—293)



1. A phase unit for a high tension bus and switch station of the metal-clad type comprising a circuit breaker having a casing, the terminals of said circuit breaker being at the upper and lower ends of said casing respectively, means housing a disconnecting device at each end of said breaker casing and in vertical alinement therewith, means forming a terminal and junction chamber at the upper and lower extremities of said unit respectively, a busbar positioned at the upper part of said unit and electrically connected thereto through the adjacent junction chamber, and a feeder conductor connected to said unit through the lower junction chamber.

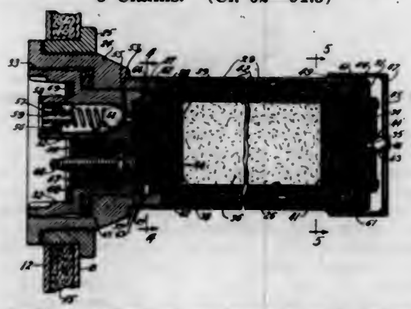
5. In electrical switchgear having relatively movable disconnect contacts, means for electrically isolating said contacts in the open circuit position thereof comprising shutter structure arranged to be interposed between said contacts and shutter, actuating means comprising a spring arranged for over-center operation either to open or close said shutter structure, and a rotatable member likewise movable longitudinally of its axis of rotation detachably related with respect to said shutter for moving said spring over center thereby initiating the opening and closing movements of said shutter.

2,063,876
DRAFT RIGGING
Byers W. Kadel, Baltimore, Md., assignor to The Symington-Gould Corporation, Rochester, N. Y., a corporation of Maryland
Application January 6, 1932, Serial No. 585,119
12 Claims. (Cl. 213—11)



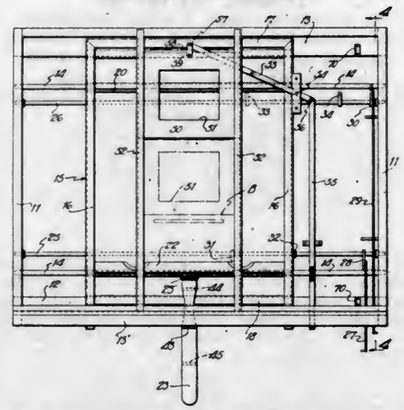
1. In railway draft rigging, in combination with draft sills, a drawbar, yoke-acting means disposed between said sills and connected to said drawbar, cushioning mechanism disposed rearwardly of said drawbar and embraced by said yoke-acting means, a center filler casting connecting said sills rearwardly of said yoke-acting means, a draft device having an extension passing through said center filler casting, said yoke-acting means being connected to said device, means connecting said device to said draft sills rearwardly of said center filler casting for positively limiting outward movement of said device, and cushioning mechanism disposed rearwardly of said extension and actuated thereby only on buff.

2,063,877
COOLING AND PRESSURE CONTROL MEANS FOR LIQUID CONTAINERS
John L. Kellogg, Chicago, Ill., assignor to Helen L. Kellogg, Chicago, Ill.
Application November 10, 1933, Serial No. 697,378
5 Claims. (Cl. 62—91.5)



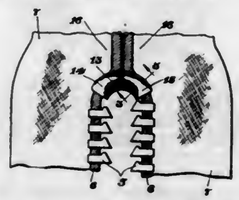
5. The method of utilizing a solid gasifying refrigerant consisting of surrounding said refrigerant by the gases evaporating therefrom, then surrounding the container in which the refrigerant is positioned by the outflow of said gases from the container, and finally permitting said gases to escape under a predetermined pressure for varying the insulation between the refrigerant and a refrigerated compartment.

2,063,878
X-RAY APPARATUS
Howard Linke and Wilmer M. Priest, New York, N. Y.
Application April 28, 1934, Serial No. 722,874
5 Claims. (Cl. 250—34)



1. A device for taking X-ray pictures comprising a hollow panel defined by walls, one wall of which is provided with an exposure area, a frame member mounted for sliding movement within said panel relative to said exposure area, means for slidably supporting said frame member, a light sensitive element supporting tray slidably mounted in said frame, stops movable into the path of and engageable by said frame to selectively position predetermined portions of the tray relative to the exposure area of the panel, a handle for manipulating the tray and a plurality of stops carried by the handle for determining the position of the tray relative to said frame and to the exposure area of the panel.

2,063,879
SLIDE FASTENER
Samuel H. Norton, Meadville, Pa., assignor to Hookless Fastener Company, a corporation of Pennsylvania
Application November 21, 1934, Serial No. 754,098
5 Claims. (Cl. 24—205)

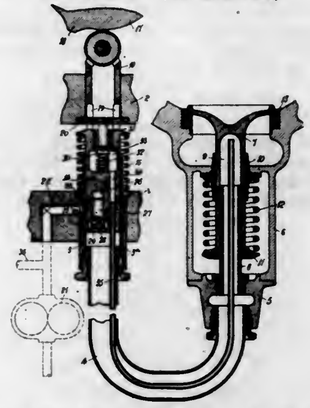


5. In combination, interlocking fastener elements arranged on the opposite edges of material bordering an opening, a slider movable longitudinally on said elements for engaging and disengaging same, said slider having an interior channel with diverging outlets at one end spaced laterally from one another, a one-piece stop device bridging the end of the opening that is opposed to said one end of the slider, said stop device having means for holding the edges of the material spaced apart on that side of the stop device adjacent the slider, and substantially closer together on the other side of the stop device.

2,063,880
LUBRICATING OIL
Bert H. Lincoln, Ponca City, and Alfred Henriksen, deceased, late of Ponca City, Okla., by Ellen M. Henriksen, administratrix, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio, a corporation of Delaware
No Drawing. Application January 22, 1934, Serial No. 707,783
5 Claims. (Cl. 87—9)

1. A lubricating oil comprising in combination a hydrocarbon oil and a small amount of a halogenated hydroaromatic compound.

2,063,881
HYDRAULIC VALVE GEAR
Warren Noble, Michigan City, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Refiled for abandoned application Serial No. 273,592, April 28, 1928. This application March 13, 1935, Serial No. 10,893
11 Claims. (Cl. 123—90)

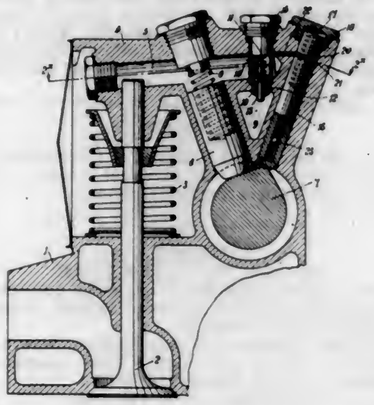


1. In a hydraulic valve gear, in combination with a hydraulic fluid casing, valve actuating mechanism including a plunger intermittently operable to exert pressure on fluid in said casing, a cylinder inclosing said plunger, said cylinder having a non-return pressure fluid supply thereto, a relief valve in said plunger opening from a region of air accumulation in said casing, and valve unseating means exterior of said plunger, said means unseating said relief valve when said plunger is in its normal inoperative position.

2,063,882
HYDRAULIC ACTUATING MEANS
Warren Noble, Michigan City, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Refiled for abandoned application Serial No. 188,855, May 4, 1927. This application March 13, 1935, Serial No. 10,894
15 Claims. (Cl. 123—90)

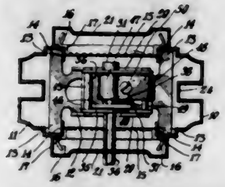
1. In combination with an inlet and an exhaust valve of an engine cylinder, an individual hydraulic fluid casing for each valve to the interior of which the stems of the valves are exposed for hydraulic operation, non-return hydraulic fluid supply means for both of said casings, a normally closed air bleed valve opening from a region of air accumulation in each of said casings, said valve being common to both of said casings, timed

mechanism imposing pulsating pressure alternately on fluid in said casings for the alternate



actuation of said valves, and means opening said bleed valve during periods of substantial zero pressure in both of said casings.

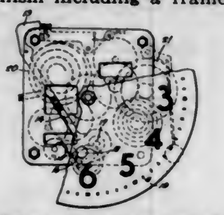
2,063,883
TRANSOM OPERATOR
Elmer Edward Koenig, Garfield Heights, and Warner Gustav Hult, Cleveland, Ohio
Application February 8, 1932, Serial No. 591,676
4 Claims. (Cl. 268—116)



1. In combination with partition framing including hollow post members and a panel pivotally mounted on stud elements projecting into said hollow post members, of panel operating mechanism including a crank arm connected to one of said stud elements, an operating handle mounted on the outside of one of said posts, a shaft connected to said handle and extending into said post, a crank member connected to said shaft within said post, a link connecting said crank arm and crank element, a brake including a reversely bent strap frictionally embracing said shaft to resist movement of said panel, and means including a member passing between the end portions of the strap and fixed relative to said stud elements for holding said strap against movement.

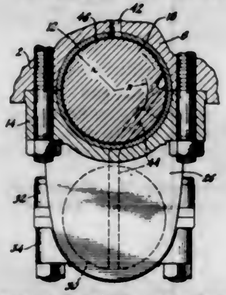
2,063,884
ALARM CLOCK
Joseph A. Reinhardt, Peru, Ill., assignor to General Time Instruments Corporation, New York, N. Y., a corporation of Delaware
Application October 22, 1934, Serial No. 749,327
3 Claims. (Cl. 58—16)

1. In an alarm clock, a time mechanism, an alarm mechanism including a frame, means on



said time mechanism to release said alarm mechanism at a predetermined time, a dial having an aperture, a lever pivotally mounted in said frame, a movably mounted indicating means on said lever and adjacent to said aperture, manually operated means comprising a shaft slidably mounted in said frame, a resilient positioning member mounted on said shaft, and an arm on said member co-acting to control the operation of said alarm mechanism, said member having a cam co-acting with said lever to position said indicating means to register with said aperture.

2,063,885
LUBRICATION OF CRANKSHAFTS
Arthur F. Underwood, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application December 21, 1935, Serial No. 55,598
2 Claims. (Cl. 184—6)

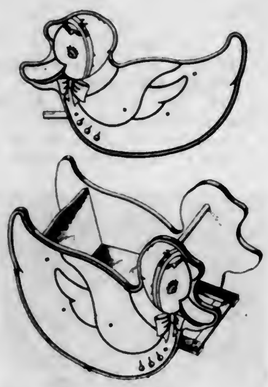


1. In an engine having a crankshaft having a plurality of different sized journals and a plurality of crank arms having crankpins, a passage in each journal passing through the crank arms and leading to a crankpin, each of said passages being positioned off the center line of the crankshaft journal, the difference between the square of the radius of the bearing and the effective radius of the oil passage relative to the center of the shaft being constant for all journals.

DESIGNS

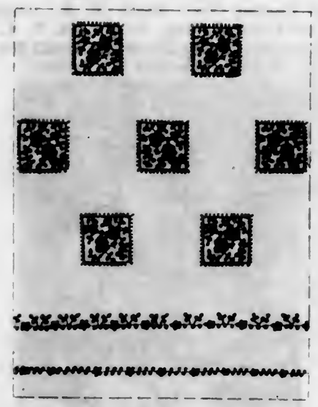
DECEMBER 8, 1936

102,246
DESIGN FOR A CHILD'S ROCKER
Albert O. Arnold, Kansas City, Mo.
Application November 2, 1936, Serial No. 65,642
Term of patent 14 years



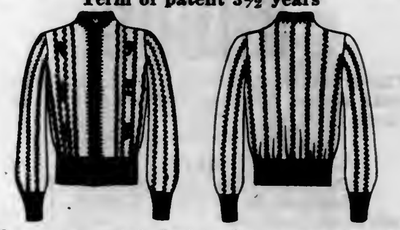
The ornamental design for a child's rocker, as shown.

102,247
DESIGN FOR A TEXTILE FABRIC
Jack J. Blackstone, New York, N. Y.
Application November 5, 1936, Serial No. 65,710
Term of patent 3½ years



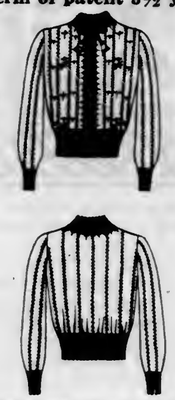
The ornamental design for a textile fabric substantially as shown.

102,248
DESIGN FOR A SWEATER
Hans Boepple, New York, N. Y.
Application November 5, 1936, Serial No. 65,700
Term of patent 3½ years



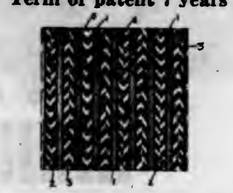
The ornamental design for a sweater, substantially as shown.

102,249
DESIGN FOR A SWEATER
Hans Boepple, New York, N. Y.
Application November 9, 1936, Serial No. 65,782
Term of patent 3½ years



The ornamental design for a sweater, substantially as shown.

102,250
DESIGN FOR A PLASTIC SHEET OR SIMILAR ARTICLE
William Bowker, Union, N. J., assignor to Celluloid Corporation, a corporation of New Jersey
Application November 23, 1935, Serial No. 59,719
Term of patent 7 years



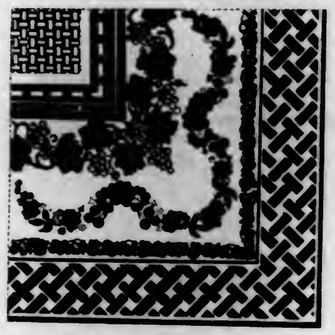
The ornamental design for a plastic sheet or similar article, substantially as shown and described.

102,251
DESIGN FOR A PLASTIC SHEET OR SIMILAR ARTICLE
William Bowker, Union, N. J., assignor to Celluloid Corporation, a corporation of New Jersey
Application November 23, 1935, Serial No. 59,720
Term of patent 7 years



The ornamental design for a plastic sheet or similar article, substantially as shown and described.

102,252
DESIGN FOR A TABLECLOTH
Seymour Brown, New York, N. Y.
Application November 13, 1936, Serial No. 65,874
Term of patent 3½ years



The ornamental design for a tablecloth substantially as shown and described.

102,253
DESIGN FOR A TABLECLOTH
Seymour Brown, New York, N. Y.
Application November 13, 1936, Serial No. 65,875
Term of patent 3½ years



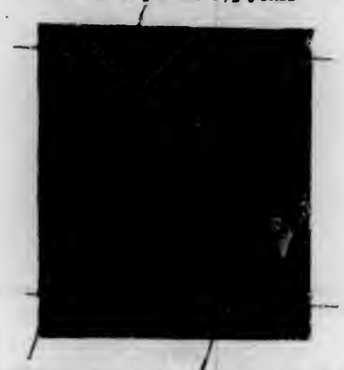
The ornamental design for a tablecloth substantially as shown and described.

102,254
DESIGN FOR A COOKY
George W. Burry, Hillside, N. J., assignor to Burry Biscuit Corporation, Linden, N. J.
Application September 11, 1936, Serial No. 64,820
Term of patent 3½ years



The ornamental design for a cooky, as shown and described.

102,255
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Emanuel Castro, New York, N. Y., assignor to Yale Fabrics Corp., New York, N. Y.
Application November 17, 1936, Serial No. 65,960
Term of patent 3½ years



The ornamental design for a textile fabric or similar article as shown and described.

102,256
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Emanuel Castro, New York, N. Y., ass'gnor to Yale Fabrics Corp., New York, N. Y.
Application November 17, 1936, Serial No. 65,961
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown and described.

102,257
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Emanuel Castro, New York, N. Y., assignor to Yale Fabrics Corp., New York, N. Y.
Application November 17, 1936, Serial No. 65,962
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown and described.

102,258
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Emanuel Castro, New York, N. Y., assignor to Yale Fabrics Corp., New York, N. Y.
Application November 17, 1936, Serial No. 65,963
Term of patent 3½ years



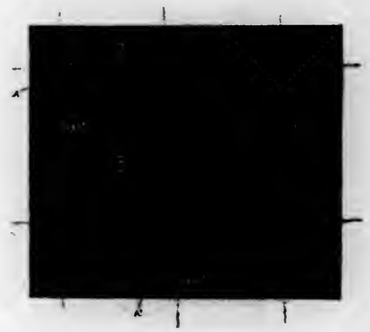
The ornamental design for a textile fabric or similar article, as shown and described.

102,259
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Emanuel Castro, New York, N. Y., assignor to Yale Fabrics Corp., New York, N. Y.
Application November 17, 1936, Serial No. 65,964
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown and described.

102,260
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Emanuel Castro, New York, N. Y., assignor to Yale Fabrics Corp., New York, N. Y.
Application November 19, 1936, Serial No. 66,006
Term of patent 3½ years



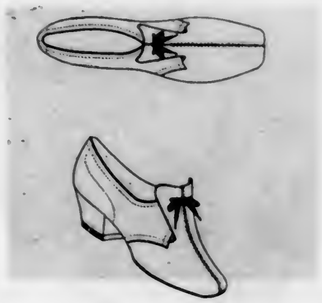
The ornamental design for a textile fabric or similar article as shown and described.

102,261
DESIGN FOR A TEXTILE FABRIC
Marcel Christen, New York, N. Y., assignor to Mitchell & Weber, Inc., New York, N. Y.
Application November 7, 1936, Serial No. 65,760
Term of patent 3½ years



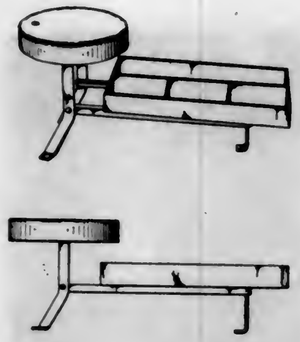
The ornamental design for a textile fabric, substantially as shown.

102,262
DESIGN FOR A SHOE
David Cohen, Brooklyn, N. Y.
Application October 22, 1936, Serial No. 65,423
Term of patent 3½ years



The ornamental design for a shoe substantially as shown.

102,263
DESIGN FOR A COMBINED GARAGE STOOL AND TOOL TRAY
Edwin D. Ely, Troy, Pa.
Application August 29, 1936, Serial No. 64,631
Term of patent 3½ years



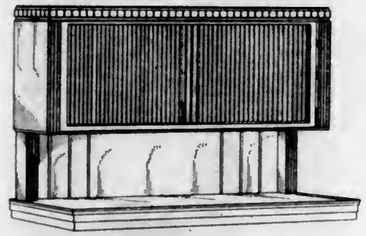
The ornamental design for a combined garage stool and tool tray, as shown.

102,264
DESIGN FOR A BOTTLE
Charles P. Englebardt, New York, N. Y., assignor to Oldetyme Distillers, Inc., New York, N. Y., a corporation of New Jersey
Application April 20, 1936, Serial No. 62,210
Term of patent 14 years



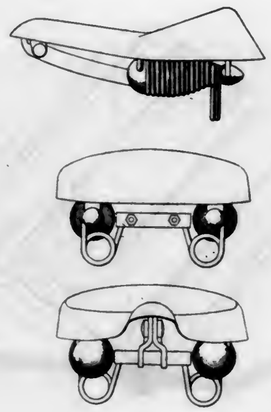
The ornamental design for a bottle substantially as shown.

102,265
DESIGN FOR A DENTIST'S COMBINED PEDESTAL CABINET AND WORK HOLDER OR THE LIKE
Howell G. Evans, Two Rivers, Wis., assignor to Hamilton Manufacturing Company, Two Rivers, Wis., a corporation of Wisconsin
Application May 11, 1936, Serial No. 62,589
Term of patent 7 years



The ornamental design for a dentist's combined pedestal cabinet and work holder or the like substantially as shown.

102,266
DESIGN FOR A CYCLE SADDLE
Roland W. Faulhaber, Alma, Mich., assignor to The Lobdell-Emery Manufacturing Company, Alma, Mich., a corporation of Michigan
Application April 4, 1936, Serial No. 61,960
Term of patent 14 years



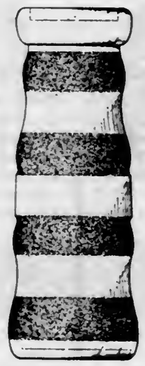
The ornamental design for a cycle saddle substantially as shown.

102,267
DESIGN FOR A LADY'S HANDBAG
Henri Felmann, Chicago, Ill., assignor to Morris, Mann & Reilly, Inc., Chicago, Ill., a corporation of Illinois
Application November 11, 1936, Serial No. 65,858
Term of patent 3½ years



The ornamental design for a lady's handbag, as shown and described.

102,268
DESIGN FOR A BOTTLE
Vaughn Flannery, New York, N. Y., assignor to The Borden Company, New York, N. Y., a corporation of New Jersey
Application August 13, 1936, Serial No. 64,380
Term of patent 14 years



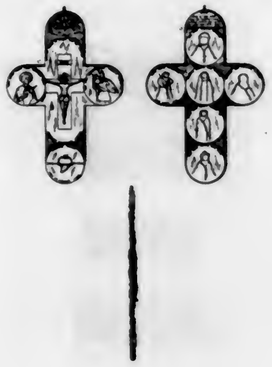
The ornamental design for a bottle, as shown.

102,269
DESIGN FOR COVER PAPER OR SIMILAR ARTICLE
William S. Fowler, Holyoke, Mass., assignor to Hampden Glazed Paper & Card Co., Holyoke, Mass., a corporation of Massachusetts
Application October 10, 1936, Serial No. 65,249
Term of patent 3½ years



The ornamental design for cover paper or similar article, as shown.

102,270
DESIGN FOR A CRUCIFIX OR THE LIKE
Theresa Freske, Minneapolis, Minn.
Application July 17, 1936, Serial No. 63,909
Term of patent 3½ years



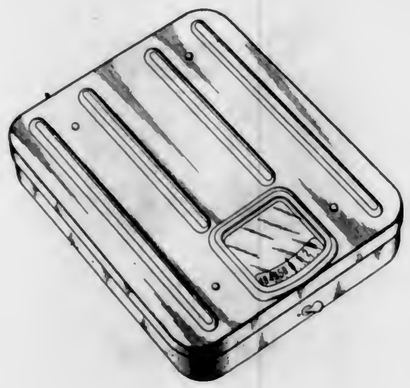
The ornamental design for a crucifix or the like, substantially as shown.

102,271
DESIGN FOR A CHILD'S SLIPPER
Leon Goldberg, New York, N. Y.
Application October 19, 1936, Serial No. 65,349
Term of patent 3½ years



The ornamental design for a child's slipper substantially as shown and described.

102,272
DESIGN FOR A WEIGHING SCALE OR SIMILAR ARTICLE
William H. Greenleaf, Chicago, Ill.
Application September 30, 1936, Serial No. 65,077
Term of patent 14 years



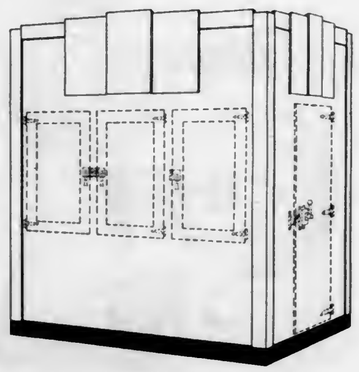
The ornamental design for a weighing scale or similar article, as shown.

102,273
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Frank Headon, New York, N. Y., assignor to Cohn-Hall-Marx Co., New York, N. Y.
Application November 19, 1936, Serial No. 66,004
Term of patent 3½ years



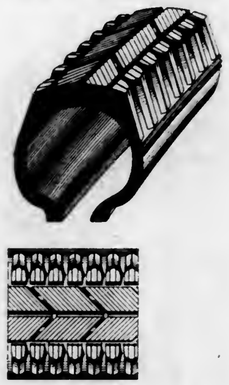
The ornamental design for a textile fabric or similar article as shown.

102,274
DESIGN FOR A REFRIGERATOR CASE OR THE LIKE
George J. Hopkins, Kendallville, Ind., assignor to McCray Refrigerator Company, Kendallville, Ind., a corporation of Indiana
Application September 24, 1936, Serial No. 64,994
Term of patent 7 years



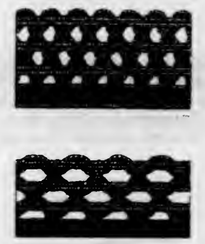
The ornamental design for a refrigerator case or the like as shown and described.

102,275
DESIGN FOR A RUBBER TIRE
Karl Hübener, Hanover, Germany
Application June 3, 1936, Serial No. 63,002
In Germany May 20, 1936
Term of patent 7 years



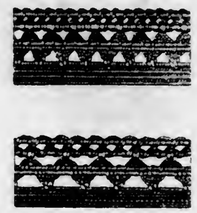
The ornamental design for a rubber tire as shown.

102,276
DESIGN FOR AN ELASTIC FABRIC
Otto Eugene Huber, Reading, Pa., assignor to The Narrow Fabric Company, West Reading, Pa., a corporation of Pennsylvania
Application October 30, 1936, Serial No. 65,609
Term of patent 7 years



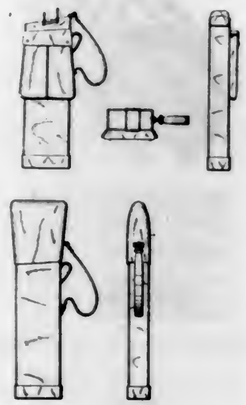
The ornamental design for an elastic fabric as shown and described.

102,277
DESIGN FOR AN ELASTIC FABRIC
Otto Eugene Huber, Reading, Pa., assignor to The Narrow Fabric Company, West Reading, Pa., a corporation of Pennsylvania
Application November 3, 1936, Serial No. 65,674
Term of patent 7 years



The ornamental design for an elastic fabric as shown and described.

102,278
DESIGN FOR A GOLF BAG
Edwin J. Hughes, Jr., Larchmont, N. Y.
Application September 3, 1936, Serial No. 64,703
Term of patent 3½ years



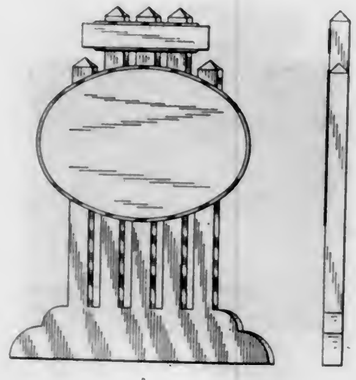
The ornamental design for a golf bag substantially as shown and described.

102,279
DESIGN FOR A BOTTLE
William Richard Kohl, Chicago, Ill., assignor to Carr-Lowrey Glass Company, Baltimore, Md.
Application October 1, 1936, Serial No. 65,121
Term of patent 14 years



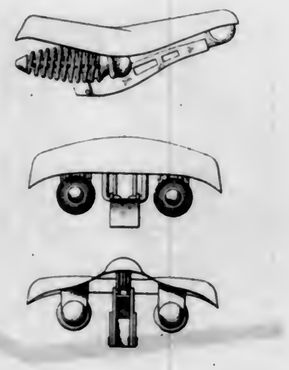
The ornamental design for a bottle as shown.

102,280
DESIGN FOR A ROAD SIGN
Albert A. Jones, Lincoln, Nebr.
Application October 5, 1936, Serial No. 65,171
Term of patent 7 years



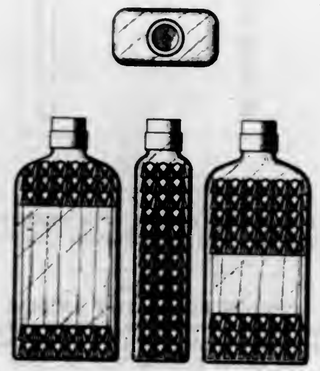
The ornamental design for a road sign, as shown.

102,281
DESIGN FOR A CYCLE SADDLE
Benjamin N. Lobdell, Alma, Mich., assignor to The Lobdell-Emery Manufacturing Company, Alma, Mich., a corporation of Michigan
Application March 31, 1936, Serial No. 61,876
Term of patent 14 years



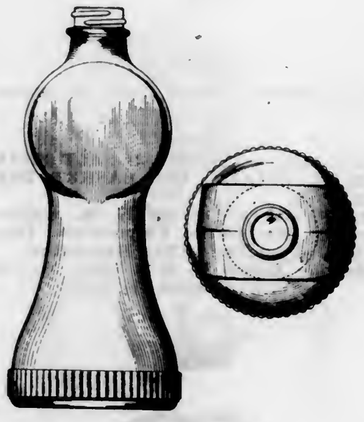
The ornamental design for a cycle saddle substantially as shown.

102,282
DESIGN FOR A BOTTLE
Henry A. Marks, Cincinnati, Ohio, assignor to Kolmar, Inc., Cincinnati, Ohio, a corporation of Ohio
Application September 17, 1936, Serial No. 64,888
Term of patent 3½ years



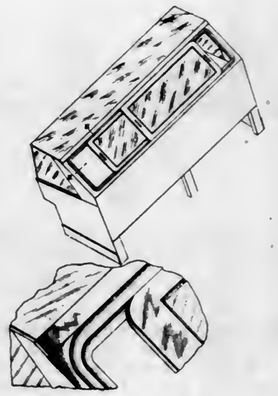
The ornamental design for a bottle as shown.

102,283
DESIGN FOR A BOTTLE
Jerome W. Marrow, Chicago, Ill., assignor to J. W. Marrow Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application October 21, 1936, Serial No. 65,398
Term of patent 7 years



The ornamental design for a bottle substantially as shown.

102,284
DESIGN FOR A DISPLAY CASE
Luther E. McCoy, Portland, Oreg.
Application April 13, 1936, Serial No. 62,103
Term of patent 7 years



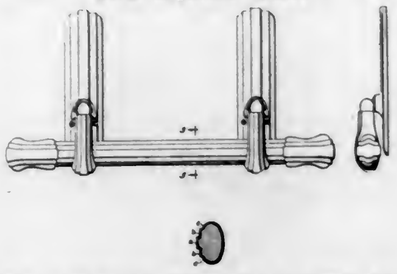
The ornamental design for a display case substantially as shown and described.

102,285
DESIGN FOR A STOCKING
Otto C. Miller, Philadelphia, Pa.
Application September 28, 1936, Serial No. 65,042
Term of patent 7 years



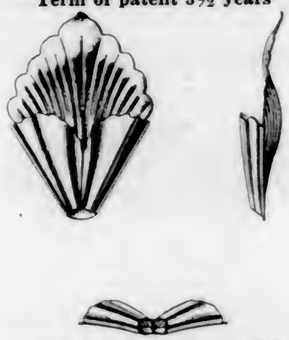
The ornamental design for a stocking as shown and described.

102,286
DESIGN FOR A CASKET HANDLE
Herman E. Moore, Belvidere, Ill., assignor to Parsons Casket Hardware Company, Belvidere, Ill., a corporation of Illinois
Application June 3, 1936, Serial No. 62,982
Term of patent 7 years



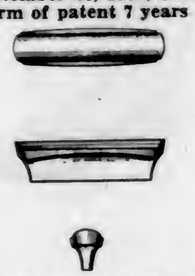
The ornamental design for a casket handle substantially as shown and described.

102,287
DESIGN FOR A JEWELRY FINDING FOR PINS OR THE LIKE
Earle L. Morrow, Johnston, R. I., assignor to Frank Morrow & Co. Inc., Providence, R. I., a corporation of Rhode Island
Application May 1, 1936, Serial No. 62,416
Term of patent 3½ years



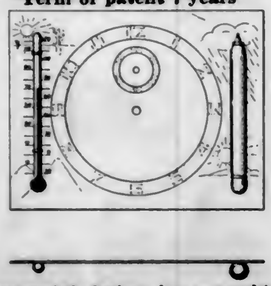
The ornamental design for a jewelry finding for pins or the like substantially as shown.

102,288
DESIGN FOR A DRAWER PULL
Gahlbeth H. Murrin, Pasadena, Calif.
Application September 26, 1936, Serial No. 65,024
Term of patent 7 years



The ornamental design for a drawer pull as shown.

102,289
DESIGN FOR A COMBINED CLOCK FACE, WEATHER AND TEMPERATURE INDICATOR
Max M. Pochapin, New York, N. Y.
Application September 10, 1936, Serial No. 64,791
Term of patent 7 years



The ornamental design for a combined clock face, weather and temperature indicator, as shown.

102,290
DESIGN FOR A TOY ANIMAL
Albert Ernest Brett Rose, London, England
Application September 25, 1936, Serial No. 65,002
In Great Britain May 29, 1936
Term of patent 7 years



The ornamental design for a toy animal as shown.

102,291
DESIGN FOR A COMBINED SALT SHAKER, PEPPER SHAKER, AND BASKET THEREFOR
Charles F. Simms, Concord, N. H., assignor to Concord Silversmiths Corporation, Concord, N. H., a corporation of New Hampshire
Application August 24, 1936, Serial No. 64,539
Term of patent 3½ years



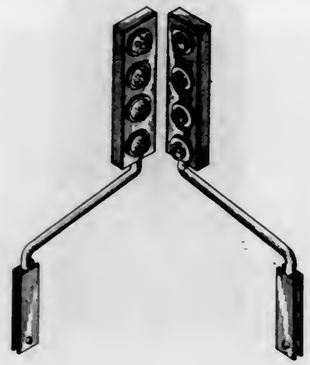
The ornamental design for a combined salt shaker, pepper shaker, and basket therefor, substantially as shown.

102,292
DESIGN FOR A COMBINATION FOOD UTENSIL DISPLAY AND HOLDER THEREFOR
Jay J. Sindler, Boston, Mass., assignor to Spir-It, Inc., Malden, Mass., a corporation of Massachusetts
Application June 20, 1936, Serial No. 63,409
Term of patent 7 years



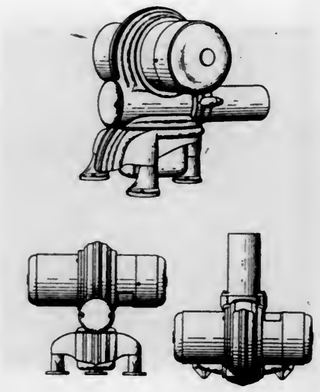
The ornamental design for a combination food utensil display and holder therefor substantially as shown.

102,293
DESIGN FOR A SAFETY REFLECTOR BRACKET
Russell B. Smith, Van Wert, Ohio
Application January 30, 1935, Serial No. 55,153
Term of patent 7 years



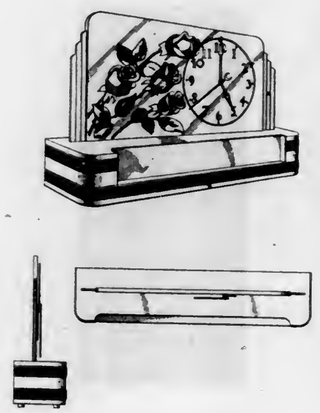
The ornamental design for a safety reflector bracket, as shown.

102,294
DESIGN FOR AN OIL BURNER
William J. Smith, Rocky River, Ohio
Application May 22, 1936, Serial No. 62,767
Term of patent 14 years



The ornamental design for an oil burner, substantially as shown.

102,295
DESIGN FOR A SIGN OR SIMILAR ARTICLE
Jose Trojan, Chicago, Ill., assignor to Owen Housholder and David C. Cohen, a copartnership, doing business as Crystal Manufacturing Co., Chicago, Ill.
Application October 22, 1936, Serial No. 65,424
Term of patent 3½ years



The ornamental design for a sign or similar article as shown.

102,296
DESIGN FOR A TEXTILE FABRIC
Hans W. Wilde, North Bergen, N. J.
Application November 14, 1936, Serial No. 65,893
Term of patent 3½ years



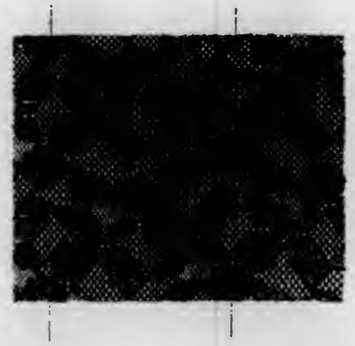
The ornamental design for a textile fabric, substantially as shown.

102,297
DESIGN FOR A TEXTILE FABRIC
Marcel Christen, New York, N. Y., assignor to Mitchell & Weber, Inc., New York, N. Y.
Application November 7, 1936, Serial No. 65,761
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown.

102,298
DESIGN FOR A LACE
Frank P. Gehring, New York, N. Y.
Application November 13, 1936, Serial No. 65,876
Term of patent 3½ years



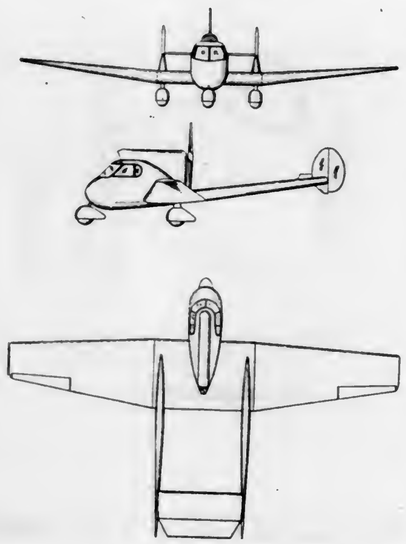
The ornamental design for a lace substantially as shown and described.

102,299
DESIGN FOR A LACE
Frank P. Gehring, New York, N. Y.
Application November 13, 1936, Serial No. 65,879
Term of patent 3½ years



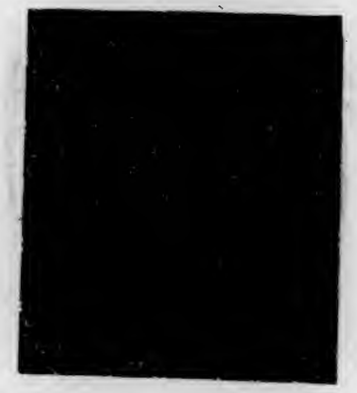
The ornamental design for a lace substantially as shown and described.

102,300
DESIGN FOR AN AIRPLANE
Dean B. Hammond, Ypsilanti, Mich., assignor, by mesne assignments, to Stearman-Hammond Aircraft Corporation, San Francisco, Calif., a corporation of California
Application February 7, 1936, Serial No. 61,007
Term of patent 14 years



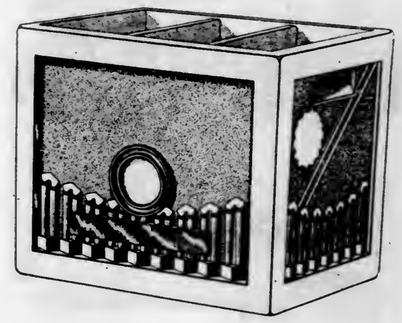
The ornamental design for an airplane, substantially as shown and described.

102,301
DESIGN FOR A TEXTILE FABRIC
Samuel N. Kirschenbaum, New York, N. Y.
Application November 6, 1936, Serial No. 65,727
Term of patent 3½ years



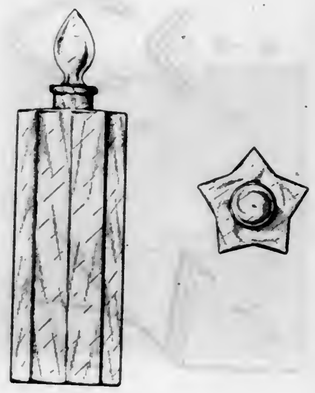
The ornamental design for a textile fabric, substantially as shown.

102,302
DESIGN FOR A BATTERY CONTAINER
Oliver O. Rieser, Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio, a corporation of Ohio
Application November 6, 1936, Serial No. 65,747
Term of patent 7 years



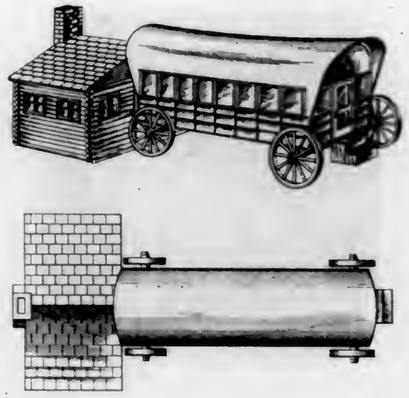
The ornamental design for a battery container, as shown and described.

102,303
DESIGN FOR A BOTTLE
Walter S. Nuckols, Short Hills, N. J., assignor to Mary Chess, Inc., New York, N. Y., a corporation of New York
Application May 2, 1936, Serial No. 62,422
Term of patent 7 years



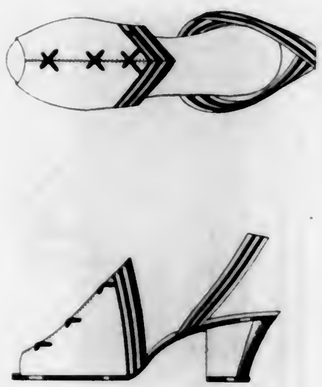
The ornamental design for a bottle as shown.

102,304
DESIGN FOR A BUILDING
Robert E. Pellow, Waco, Tex.
Application June 30, 1936, Serial No. 63,586
Term of patent 14 years



The ornamental design for a building, as shown.

102,305
DESIGN FOR A SANDAL
Albert M. Bressler, New York, N. Y.
Application November 3, 1936, Serial No. 65,673
Term of patent 3½ years



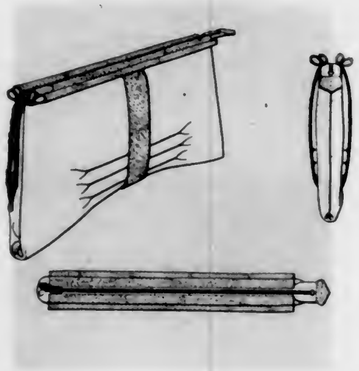
The ornamental design for a sandal substantially as shown.

102,306
DESIGN FOR A LADY'S HANDBAG
Henri Felmann, Chicago, Ill., assignor to Morris, Mann & Reilly, Inc., Chicago, Ill., a corporation of Illinois
Application November 5, 1936, Serial No. 65,715
Term of patent 3½ years



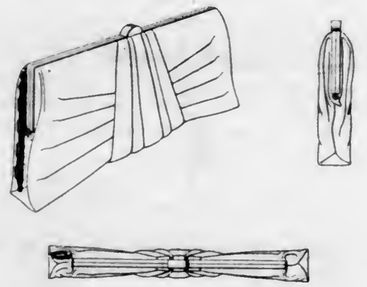
The ornamental design for a lady's handbag, as shown.

102,307
DESIGN FOR A LADY'S HANDBAG
Henri Felmann, Chicago, Ill., assignor to Morris, Mann & Reilly, Inc., Chicago, Ill., a corporation of Illinois
Application November 5, 1936, Serial No. 65,716
Term of patent 3½ years



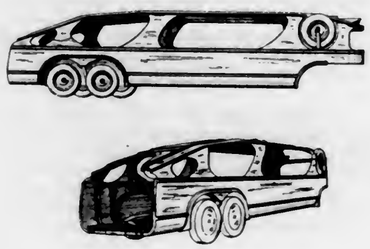
The ornamental design for a lady's handbag, as shown.

102,308
DESIGN FOR A LADY'S HANDBAG
Henri Felmann, Chicago, Ill., assignor to Morris, Mann & Reilly, Inc., Chicago, Ill., a corporation of Illinois
Application November 5, 1936, Serial No. 65,717
Term of patent 3½ years



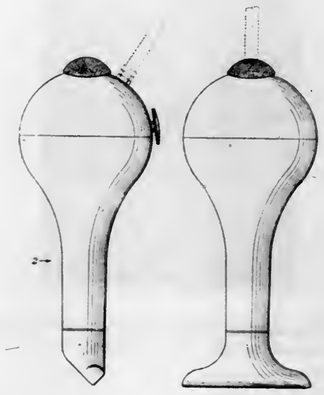
The ornamental design for a lady's handbag, as shown.

102,309
DESIGN FOR AN AUTOMOBILE CARRYING TRAILER
Lynn M. Francis, Birmingham, Mich., assignor to Mechanical Handling Systems, Inc., Detroit, Mich.
Application September 18, 1936, Serial No. 64,920
Term of patent 14 years



The ornamental design for an automobile carrying trailer, as shown and described.

102,310
DESIGN FOR A VACUUM CLEANER CASING
Walter C. Reed, North Hollywood, Calif.
Application September 30, 1936, Serial No. 65,070
Term of patent 14 years



The ornamental design for a vacuum cleaner casing as shown and described.

102,311
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Germaine Bardet, New York, N. Y., assignor to Yale Fabrics Corp., New York, N. Y.
Application November 19, 1936, Serial No. 66,007
Term of patent 3½ years



The ornamental design for a textile fabric or similar article as shown and described.

102,312
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Werner Schmid, White Plains, N. Y., assignor to Cohn-Hall-Marx Co., New York, N. Y.
Application November 19, 1936, Serial No. 66,005
Term of patent 3½ years



The ornamental design for a textile fabric or similar article as shown and described.

102,313
DESIGN FOR A SPECTACLE FRONT
Frederick R. Bishop, North Attleboro, Mass., assignor to The Bishop Company, North Attleboro, Mass., a corporation of Massachusetts
Application June 27, 1936, Serial No. 63,524
Term of patent 7 years



The ornamental design for a spectacle front substantially as shown and described.

Patents Nos. 2,063,886 to 2,064,806

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Trade-Marks	116—No.	341,553 to No. 341,668, inclusive.
T. M. Renewals	6	
Labels	66—No.	48,505 to No. 48,570, inclusive.
Prints	16—No.	15,955 to No. 15,970, inclusive.
Reissues	5—No.	20,204 to No. 20,208, inclusive.
Patents	921—No.	2,063,886 to No. 2,064,806, inclusive.
Designs	92—No.	102,314 to No. 102,405, inclusive.
Total	1,222	

Disclaimers

1,681,033.—*Benjamin W. Freeman*, Cincinnati, Ohio. CUT-OUT MACHINE FOR SHOE UPPERS. Patent dated August 14, 1928. Disclaimer filed November 11, 1936, by the patentee.

Hereby enters this disclaimer to claims 6, 7, 8, 10 to 17 inclusive, 62, 65 to 69 inclusive, 71 to 74 inclusive, 79 and 94 of said Letters Patent.

1,944,541.—*Ture Viktor Bergman*, Halsingborg, and *Hilding Adolf Svedberg*, Halmstad, Sweden. METHOD OF TREATING CREAM FOR INCREASING THE VISCOSITY THEREOF. Patent dated January 23, 1934. Disclaimer filed November 23, 1936, by the assignee, *The Borden Company*.

Hereby enters this disclaimer to claim 2 of said specification.

1,995,810.—*Hans Klemperer*, New York, N. Y. ELECTRIC WELDING CONTROL SYSTEM. Patent dated March 26, 1935. Disclaimer filed November 24, 1936, by the assignee, *Westinghouse Electric & Manufacturing Company*.

Hereby enters this disclaimer as to claims 1, 2, 3, 5, 6, and 8 of the patent specification.

2,034,307.—*Glenn T. McClure*, Wilmerding, Pa. FLUID PRESSURE BRAKE. Patent dated March 17, 1936. Disclaimer filed November 27, 1936, by the patentee; the assignee, *The Westinghouse Air Brake Company*, consenting.

Hereby enters this disclaimer to claims 1 and 3 of said patent.

2,036,872.—*William T. Honiss*, West Hartford, Conn. FOREHEARTH FOR MOLTEN GLASS. Patent dated April 7, 1936. Disclaimer filed November 23, 1936, by the assignee, *Hartford-Empire Company*; the patentee, said *Honiss*, joining in and ratifying.

Hereby disclaims claims 1, 2, 4 and 9 of said Letters Patent.

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,894,015, W. F. Bernstein, Septic indicator, decided October 5, 1936, claim 1.

Pat. 1,980,816, R. D. McDill, Controlling apparatus, decided October 31, 1936, claims 2, 3, 4, and 6.

Pat. 1,987,645, Max Steenbeck, Control of electric circuit by means of electron tubes, decided July 8, 1936, claims 1 and 2.

Pat. 1,996,830, Klass Posthumus, Amplifier, decided October 26, 1936, claims 6, 7, 8, 9, and 10.

Design Pat. 96,272, J. R. Neill, Design for whistle, decided November 21, 1936, the claim as shown.

Interference Notice

U. S. PATENT OFFICE, *Washington, Dec. 1, 1936.*

Thomas J. Donovan, Jr., his assigns or legal representatives, take notice:

An interference having been declared by this Office between Patent No. 1,981,724, granted November 20, 1934, to Thomas J. Donovan, Jr., 3034 Frankford Avenue, Philadelphia, Pennsylvania, and the application for patent of Bruce J. Davidson, 8300 Talbot Street, Kew Gardens, New York, and a notice of such declaration sent by registered mail to said Donovan at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Donovan, his assigns or legal representatives shall enter an appearance therein within thirty days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Condition of Applications Under Examination at Close of Business November 28, 1936

(Total number of applications awaiting action, exclusing Trade-Mark Division, 34,734; Trade-Mark Division, 1,835. Oldest new case, June 4, 1936; oldest amended, June 2, 1936.)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. LOEFFLER, F. A., Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Sept. 4	Sept. 21	280
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco, Velocipedes; Butchering; Bee Culture.	July 15	July 16	1,006
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	Sept. 1	Aug. 28	390
7083	4. DONNELLY, A. E. (Act.), Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Aug. 3	Aug. 6	589
3077	5. MACNAB, J. F., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons, Etc.	Aug. 15	Aug. 24	427
4898 C	6. LEWERS, A. M., Carbon Chemistry (part)	Aug. 13	Aug. 13	724
5725	7. JARBOE, C. G., Optics; Photography	Aug. 31	Aug. 31	731
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Sept. 10	Sept. 1	455
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Sept. 14	Sept. 12	353
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops; Vehicle Fenders	Sept. 4	Sept. 10	316
5087 B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Sept. 12	Sept. 11	373
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms	Aug. 31	Aug. 31	345
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Sept. 21	Sept. 21	381
5097	14. SMITH, G. A., (Act.) Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	Aug. 10	Aug. 10	594
4897	15. HENKIN, BENJ. (Act.), Glass; Plastic Block and Earthenware Apparatus; Plastics	Aug. 30	Aug. 30	840
5612	16. SPENCER, C. J., Telegraphy; Telephony	Aug. 15	Aug. 15	695
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Aug. 29	Aug. 29	557
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Aug. 3	Aug. 1	456
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Aug. 13	Aug. 19	664
5605	20. BROWN, L. M., (Act.) Miscellaneous Hardware; Closure Fasteners; Locks; Latches; Safes; Undertaking; Bread, Pastry, and Confection Making.	Aug. 19	Aug. 19	405
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	Sept. 3	Sept. 4	584
5724	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Sept. 5	Sept. 5	565
7624	23. BUTTNER, W. J. (Act.), Coin Handling; Recorders; Registers	June 4	June 2	508
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Sept. 8	Sept. 11	518
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Aug. 29	Aug. 29	551
5803	26. ADAMS, W. M., Electricity; Generation; Motive Power	Sept. 9	Sept. 12	301
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing.	July 15	July 17	803
4628	28. SOLYOM, H. L., Internal-Combustion Engines	Aug. 10	Aug. 5	347
5082	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Sept. 1	Sept. 3	517
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Aug. 1	July 30	655
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Sept. 4	Sept. 9	489
4086	32. ARMSTRONG, HOWARD M. (Act.), Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation, Agitating.	Sept. 2	Sept. 3	453
6096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads.	Aug. 29	Aug. 22	762
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Aug. 29	Aug. 28	397
3605	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles.	July 29	July 29	627
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Sept. 4	Sept. 5	234
5886 B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Aug. 14	Aug. 5	588
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stoneworking; Wells; Plastic Compositions.	Sept. 1	Sept. 16	356
4872	39. WHITNEY, F. I., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Sept. 30	Oct. 1	292
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	July 24	July 25	1,062
6082	41. WHITNEY, M. L., Railway and Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes; Railway Draft Appliances; Spring Devices; Typewriting Machines.	Aug. 17	Aug. 5	484
5882	42. CUTTING, H. O., Electric Signaling	Sept. 14	Aug. 21	418
4886 B	43. KLINGE, E. F., Medicines, Poisons and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Aug. 28	Aug. 28	630
4087 B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Aug. 12	Aug. 10	609
7097	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling.	Sept. 2	Aug. 29	309
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Aug. 17	Aug. 17	575
7600	47. BARKER, H., Clutches; Brakes	Sept. 14	Sept. 8	466
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	Aug. 28	Aug. 28	553
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Sept. 12	Sept. 15	421
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Aug. 28	Aug. 28	494
5628	51. BACKUS, O. D., Radiant Energy	Sept. 5	Sept. 5	631
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Sept. 1	Sept. 21	492
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Aug. 5	Aug. 3	894
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	Sept. 3	Aug. 29	354
6887	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	July 23	July 23	698
4725	56. CHANDLER, G. V., (Act.) Electrochemistry; Laminated Fabrics; Paper Making, Substance Preparation.	Aug. 28	Aug. 28	845
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Aug. 6	Aug. 20	345
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	Aug. 21	Aug. 31	317
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part).	Aug. 31	Sept. 23	407
5896	60. GLASS, R. L., Electricity, Heating, and Welding; Batteries; Resistances and Rheostats; Prime-Mover Dynamo Plants.	July 22	July 22	561
6724	61. PARKS, G. E., Laminated Electrical Insulation, Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Aug. 31	Sept. 5	256
3876	62. PUGH, E. C., Games; Geometrical Instruments	Sept. 2	Aug. 22	469
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, Fermentation.	Sept. 1	Sept. 1	385
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Sept. 4	Sept. 4	670
5624	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	June 20	June 20	765
2099 B	Trade-Marks, Labels, and Prints: F. A. RICHMOND (Trade-Marks	Oct. 26	Nov. 4	1,473
	(Labels and Prints	Oct. 28	Nov. 13	362
2605	Designs, H. H. KALUPY	Oct. 31	Nov. 18	498

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

THOMPSON *v.* MURRAY

No. 3,539. Decided June 17, 1936

[84 F.(2d) 202]

INTERFERENCE—PRIORITY—REDUCTION TO PRACTICE—DILIGENCE.

Record reviewed and *Held* that M., who was the first to conceive the invention, actually reduced it to practice, that he was diligent in such reduction to practice and that priority of invention was properly awarded to him.

APPEAL from the Patent Office. Affirmed.

Mr. Joseph H. Milans and *Mr. E. D. Sewall* for Thompson.

Mr. Warren S. Orton for Murray.

HATFIELD, *J.:*

This is an appeal in an interference proceeding from a decision of the Board of Appeals of the United States Patent Office affirming the decision of the Examiner of Interferences awarding priority of invention to appellee.

The invention relates to a self-energizing synchronizer for use in transmissions, particularly automobile transmissions.

In his decision, the Examiner of Interferences described the invention as follows:

> The devices of both parties perform the function of synchronizing the transmission gears prior to their positive engagement, in order to facilitate such engagement and to prevent clashing. Two types of synchronizers are disclosed by the parties. Thus in the Murray application 614,502 and the Thompson application 667,478 are disclosed devices adapted to synchronize a pair of gears prior to their engagement, while in the Murray application 50,279 and in the Thompson application 302,228 are disclosed devices adapted to synchronize co-axial positive clutches prior to their engagement.
>
> In both types the synchronization is achieved by first connecting the members which are to be mashed through a friction clutch, which brings them to the desired relative speed. The members are then mashed in the usual manner. This principal is old in itself and the issue here is limited to a self-energizing synchronizer, namely one in which the axial pressure between the friction clutch members is due to, or augmented by, the rotation of the parts which are to be synchronized.

At the time of the oral arguments in this court, counsel for appellant moved to dismiss the appeal as to counts 13 to 21, inclusive. The motion is granted.

Of the remaining counts, 1 to 12, inclusive, counts 1, 4, and 12 are illustrative. They read:

> Count 1. In combination, a pair of members capable of having relative rotary movement about a common axis, synchronizing means for causing the members to approach a common speed, said means including a clutch for frictionally connecting said members through said synchronizing means and thus cause them to approach the same speed, said clutch including a shiftable element movable parallel to said axis manually actuated means for shifting the movable clutch element into a relatively light clutching condition, and camming means connected to be operably responsive to any subsequent relative movement of said members when in said clutching position for shifting said clutch element axially into a more intense clutching position and thus cause the clutch to function by virtue of the relative movement of said members.
>
> Count 4. The combination in a power transmission including a pair of shafts, gears on said shafts adapted to establish a drive between the shafts, means including an axially shiftable member for connecting and disconnecting said drive, of synchronizing means for establishing the desired speed relation between the shafts before the drive is connected, said synchronizing means comprising a friction clutch and means for effecting thrust against said clutch to cause its frictional engagement, said means adapted to augment said thrust by the rotation of the gearing, and means for operating the shiftable member and synchronizing means.
>
> Count 12. A synchronizer for causing a pair of power gears to approach the same speed before being moved into meshing relation, said synchronizer including actuating means adapted to be operatively connected to one of the power gears to be synchronized and supplied by said power gear with the energy necessary to effect an actuation of said synchronizer and a manual control for governing the operative relation of said means with the power gear.

A considerable portion of the evidence set forth in the voluminous record before us, has to do with matters with which we are not concerned.

That the issues involved are complicated, is apparent from the decisions of the tribunals below, and from the briefs of counsel in the case.

The involved testimony is set forth and carefully analyzed in the lengthy decision of the Examiner of Interferences.

The Board of Appeals affirmed the decision of the Examiner of Interferences, although it did not agree in every particular therewith.

It is, in effect, conceded by counsel for appellant that, as held by the tribunals of the Patent Office, appellee was the first to conceive the involved invention. It is contended, however, by counsel for appellant, that appellee was not diligent in reducing the invention to practice, and that, although appellant was the last to conceive, he was the first to reduce the invention to practice, and is, therefore, entitled to an award of priority.

Appellant relies upon an installation of a transmission in a Buick car during the year 1917, and another in a Cadillac car in October, 1922. Counsel for appellant contend that those transmissions corresponded to the counts in issue. The Examiner of Interferences was of opinion, however, that they did not, and with regard thereto, among other things, said:

> When the Thompson application 667,478 was filed it contained no suggestion that the synchronizer therein was self-energizing, or even that the power of the gears to be meshed assisted such synchronization in any way. Moreover, there was no suggestion of self-energization inserted in the Thompson application until the amendment of May 12, 1928. This, however, was subsequent to the time that Thompson admits he learned of Murray's self-energizing synchronizer (see Thompson testimony, pages 182–184), and subsequent to the time that Murray had supplied the General Motors Company, assignee of Thompson, with a copy of his application 614,502, here involved. These are rather significant indications that Thompson never appreciated the existence of any self-energizing characteristics in his synchronizer until after he learned of Murray's invention. These facts were not before the Board of Appeals when it rendered its interlocutory decision in this case.
>
> It is now contended however, that the intermediate synchronizer of the Thompson application inherently embodies the self-energizing feature.
>
> * * * * *
>
> Accordingly it is held that according to Thompson's own admissions neither his application disclosure, nor the synchronizer built in accordance therewith, is completely self-energizing, and that at least eighty per cent of the actuating force must be applied manually. Under these circumstances, it must be held that Thompson cannot make counts 5–12.
>
> Thus count 4 is the only count in issue which can possibly be said to read upon either Thompson's application disclosure, or his second Buick and Cadillac devices; and, as previously indicated, it is not believed

that Thompson has sustained the burden of establishing by convincing evidence that these structures inherently embody an appreciable degree of augmentation as required by count 4.

Under these circumstances, of course, priority may be awarded Murray without regard to the evidence adduced by him to establish conception and reduction to practice of the invention in issue prior to his filing date.

Thereupon, the Examiner analyzed the evidence introduced by appellee, and, after a most exhaustive consideration thereof, concluded that appellee had established that he had reduced the involved invention to practice as early as October, 1922. In this connection, the Examiner, among other things, stated:

These circumstances are undoubtedly important, but the evidence on behalf of Murray has been carefully analyzed and it is believed that Murray has established beyond question the making of Exhibit 122 during May or June, 1922, and its testing first in the shop, and then in the car on the trip to Prospect Park on August second or third 1922.

In this connection the testimony of the witness Grundman is of primary importance. Grundman was the man who actually made Exhibit 122, and a synchronizer like Exhibit 128, and hence is best qualified to recall the structure of these devices. Moreover, he did no work for Murray before May 3, 1922, and he left the employ of Richards shop on September 15, 1922, for a trip to the West Coast and did not return for three years. Hence, there is no possibility of Grundman confusing earlier or latter devices made by Murray. The records of Richards shop establish that Grundman was working on Murray's synchronizer from May 3, 1922 to September 1, 1922, and the testimony of other workmen in the shop confirms Grundman's and Murray's testimony that the synchronizers made during this period by Grundman had cams. Moreover, Grundman's own testimony is straight forward, clear and exact as to details of construction, and was unshaken by vigorous cross examinations. Under these circumstances it must be given considerable weight.

The nature of the tests conducted by Murray in the shop during June and July, 1922 is very clearly brought out in the testimony. It is unnecessary to consider this evidence in detail except to observe that they seem to have simulated the operating conditions in an automobile as closely as possible. Moreover, these tests were repeated during the taking of testimony on Exhibits 128, 122, and 126, and the witnesses testified that the conduct of these deposition tests was the same as that of the tests made in Richards shop during June and July, 1922. The deposition tests confirmed what the witnesses had said respecting the operation of these devices during the 1922 shop tests, and therefore lend additional weight to that testimony.

It is unnecessary to hold that a reduction to practice of Exhibit 122 was achieved during the 1922 shop tests, since it is believed that the trial run in Prospect Park following successful shop tests, and confirming the results of those tests, constitutes a reduction to practice of the synchronizer, Exhibit 122. Reliance is placed upon this particular test since it is believed that the corroborating witness Grundman is best qualified to distinguish Murray Exhibit 122 from the other Murray synchronizers, and his testimony appears worthy of belief.

The mere fact that Murray made subsequent tests of detent springs does not negative a reduction to practice of Exhibit 122 during the Prospect Park trip. There is a great deal of difference between the requirements of a reduction to practice and the requirements made in the automobile industry of a commercially practical device. Murray's experiments with detent springs constitute an attempt to further perfect the device beyond the requirements of a reduction to practice. Moreover, the fact that Murray continued to develop other types of synchronizers is not controlling since he has worked on synchronizers over a period of some twenty years and will probably continue to do so in the future.

Accordingly it is held that Murray has established a reduction to practice of Exhibit 122 by August, 1922. Since this date is prior to the earliest date alleged by Thompson for reduction to practice of his Cadillac synchronizer, it must be held that the party Murray was the first to achieve a reduction to practice of counts 1–12, even if they are held to read upon Thompson's Cadillac synchronizer.

To summarize it is held that the party Thompson has failed to establish a conception of reduction to practice of any synchronizer, regardless of self-energization, which supports counts 1–3, 5, and 13–21, prior to the filing of his application 302,228 on August 27, 1928. In addition it is held that Thompson's first Buick construction, without regard to self-energization, does not support counts 4, 7, 8, 11, and 12.

It is held that according to Thompson's own testimony the limitations with respect to self-energization in counts 5–12 are not supported either by his application disclosure (614,502) or by any of the devices covered by his testimony.

It is further held that Thompson has failed to sustain the burden of proof that his application 614,502, or his second Buick or Cadillac synchronizers inherently embodied an appreciable degree of self-energization, as required by count 4.

It is held that as to any counts which may be held readable upon Thompson's crowder cam devices (application 614,502, the second Buick design, and the Cadillac structure) the party Murray has established that he was the first to conceive and the first to reduce to practice the subject matter thereof.

In its decision the Board of Appeals, although not in entire accord with the Examiner's findings, concluded, nevertheless, that he had reached the right conclusion.

It is contended by counsel for appellant that the record does not support the findings of the tribunals of the Patent Office relative to appellee's reduction of the involved invention to practice; that, contrary to the established law on the subject, the counts of the interference were not broadly, but, in fact, narrowly, construed; and that, considering the evidence of record, appellant is entitled to an award of priority.

Relative to the scope of the involved counts, the Board of Appeals made the following pertinent observations:

Many of the counts specify a clutch and while the party Thompson urges that the brake bands of his first Buick device should be regarded as constituting a clutch, we cannot agree with this view. Ordinarily, a clutch is a member which, when the parts are in engagement, moves with the parts, while a brake is a stationary member employed for stopping a movable part. We believe that the friction of the bands of the first Buick device should be regarded as brakes rather than clutches.

In view of our position as to this matter, counts 1–7 inclusive cannot be awarded to Thompson. Count 3 does not specifically include the term "clutch" but the structure specified necessarily limits this count to such a construction.

The party Murray urges, as has been previously indicated, that his device will complete the synchronization without the continued application of the manually applied power and the party Thompson concedes that his own will not. The Examiner of Interferences has held that certain of the counts are restricted to a means in which the continued manual application of power is not required and has held that these counts cannot be made by the party Thompson.

We have carefully analyzed these counts but in our opinion the Examiner was justified in his conclusions. We believe, at least, that all of these counts imply that the means which inaugurates the action of the synchronizer need not be employed in completing its action. There is no reason for giving any of the counts a forced or unusual construction as the party Thompson had opportunity to present claims which would clearly read upon his devices and he is therefore not now in a position to complain because the Office refuses to interpret claims in an unusual manner in order to entitle him to an award of priority. We are unable to discover any count which will, in our opinion, clearly read upon Thompson's first Buick transmission.

A determination of the involved issues has been attended with considerable difficulty. However, after carefully analyzing the applications and the evidence in the case, we have no hesitation whatsoever in saying that, in our opinion, the tribunals of the Patent Office reached the right conclusion.

In view of our conclusion, the evidence having been analyzed with the minutest care by the tribunals of the Patent Office, we deem it unnecessary to enter upon a detailed discussion of it here.

The appeal as to counts 13 to 21, inclusive, is dismissed, and, for the reasons stated, the decision of the Board of Appeals is affirmed as to counts 1 to 12, inclusive.

Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE STEENBOCK

No. 3,865. Decided June 8, 1936

[83 F.(2d) 912]

1. PATENTABILITY—ANTICIPATION—SUFFICIENCY OF DISCLOSURE.

"The principle is well established in chemical cases, and in cases involving compositions of matter, that the disclosure of a species in a cited reference is sufficient to prevent a later applicant from obtaining generic claims, although the disclosure in an application of a species may not be a sufficient basis for a generic claim."

2. SAME—SAME—SAME.

Where appellee filed an application for a process of producing an irradiated product comprising subjecting yeast to the action of ultra-violet rays and thereafter filed an application as a continuation in part thereof, describing such treatment of fungus materials generally and the latter application was filed more than two years after publications describing such treatment of yeast, *Held* that claims to the process as applied broadly to the treatment of fungus material were properly rejected since the earlier application had no disclosure sufficient to support these generic claims.

APPEAL from the Patent Office. Affirmed.

Messrs. Dyrenforth, Lee, Chritton & Wiles and *Mr. John H. Lee* for Steenbock.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

HATFIELD, *J.*:

This is an appeal from the decision of the Board of Appeals of the United States Patent Office affirming the decision of the Primary Examiner rejecting claims 3, 4, 5, and 6 in appellant's application for a patent for an alleged invention relating to a process for treating fungus material to render it antirachitically activated.

So far as the issues here are concerned, appellant's process is sufficiently described in the appealed claims, of which claim 3 is illustrative. It reads:

3. The process of producing an antirachitically activated substance, which comprises subjecting fungus material in thinly distributed condition to irradiation by light comprising ultra-violet rays for a period sufficient to effect antirachitic activation in substantial degree.

The references are: Steenbock (British), 236,197, November 12, 1926. Journal of Biological Chemistry, vol. 63, February, 1925, pages 25–26, entitled "Antirachitic Activation by Light." Soc. Chem. & Ind. Journal, vol. 46 (1927), pages 1202 and 1203, entitled "Scientific Research in Relation to Actionotherapy."

Each of the references discloses the process of subjecting yeast, a fungus material, to irradiation by ultra-violet rays to effect antirachitic activation. The process there disclosed is precisely the same as that defined in the appealed claims, except that it was limited to yeast.

When the case was originally presented to the tribunals of the Patent Office, appellant's application also contained claims 1, 2, 7, and 8. Those claims defined the process of subjecting yeast, a specific fungus material, to irradiation by ultra-violet rays. Although the references disclosed the process defined in those claims, appellant was permitted to file an affidavit, under Rule 75 of the Rules of Practice in the United States Patent Office, showing that he completed the invention prior to the dates of the references. Accordingly, the Board of Appeals reversed the decision of the Primary Examiner, and allowed those claims, of which claim 1 is illustrative. It reads:

1. The process of producing an antirachitically activated product which comprises: subjecting yeast to the action of light comprising ultra-violet rays for a period sufficient to effect substantial antirachitic activation of the yeast.

With reference to the appealed claims, the Board made the following observations:

Claims 3, 4, 5, and 6 are broader in their scope, since they cover the activation of a fungus material. In the present application applicant alleges to have discovered that any fungus material can be activated. These claims have also been rejected on the British patent and the publications. No disclosure has been made of activating fungus material in general either in applicant's prior patent No. 1,680,818 or in the two applications filed December 27, 1926. In one of these applications, No. 157,430, an amendment was made on March 22, 1928, which stated that yeast is an example of a fungus. This, of course, cannot be relied upon by applicant to obtain an effective United States filing date for the activation of fungus, in general, prior to the filing date of the present application. Hence, as to these broad claims, both of the publications are statutory bars, and applicant's British application is also a statutory bar as a two year publication.

As we understand it, the Board of Appeals held that, although appellant was entitled to claim all subject-matter in the involved application disclosed but not claimed in his copending applications, that is the process of subjecting yeast, a fungus material, to irradiation by ultra-violet rays for a sufficient period of time "to effect antirachitic activation in substantial degree," he was not entitled to claim the process as applied broadly to fungus material, because there was no disclosure of such a process in his copending applications, and, also, for the reason that each of the references which disclosed such a process was published more than two years prior to the filing of the involved application.

[1] The principle is well established in chemical cases, and in cases involving compositions of matter, that the disclosure of a species in a cited reference is sufficient to prevent a later applicant from obtaining generic claims, although the disclosure in an application of a species may not be a sufficient basis for a generic claim. See *In re Ellis*, 37 App. D. C. 203, 167 O. G. 981; *In re Dosselman*, 37 App. D. C. 211, 167 O. G. 983; *In re Langmuir*, 20 C. C. P. A. (Patents) 733, 62 F.(2d) 93, 427 O. G. 780; *In re Walker*, 21 C. C. P. A. (Patents) 1121, 1127, 70 F.(2d) 1008, 447 O. G. 761; *In re Burk*, 22 C. C. P. A. (Patents) 857, 74 F.(2d) 547, 454 O. G. 787.

[2] Although appellant's involved application was originally alleged to be a true division of his application No. 157,430, filed December 27, 1926, which matured into patent No. 1,871,136, August 9, 1932, there was no disclosure in that application of the involved process as applied to fungus material generally—the process there disclosed being limited, so far as fungus material is concerned, to yeast. Accordingly, although described as a true division of his original application, appellant, by an amendment to the involved application, dated December 7, 1933, substituting the language "continuation in part" for the word "division," conceded that it was not a true division, and that his original disclosure was limited to a process involving yeast only.

Applying the rule hereinbefore stated, it is perfectly clear that appellant is not entitled to the broad claims here on appeal.

For the reasons stated, the decision of the Board of Appeals is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE WALTER

No. 3,660. Decided June 8, 1936

[83 F.(2d) 935]

PATENTABILITY—METAL FERRULE.

Certain claims for a ferrule blank which specify that it is provided along its edge with "blunt pointed" teeth *Held* unpatentable over the prior art.

APPEAL from the Patent Office. Affirmed.

Mr. Roy W. Johns for Walter.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

GARRETT, *J.*:

There is involved in this appeal from a decision of the Board of Appeals of the United States Patent Office one claim (eight claims having been allowed) of an application for patent entitled "Metal ferrule." The claim reads:

1. A ferrule blank comprising a strip provided along one edge thereof with a plurality of blunt pointed teeth.

Patentability was denied by the Examiner in view of prior art and his decision was affirmed by the Board of Appeals. The references cited are: Moorman, 1,175,164, March 14, 1916; Walter, 1,959,971, May 22, 1934.

The ferrule is designed for use in joining one fibre member to another, one of its specific uses, as illustrated in an exhibit before us, being to fasten circular fibre ends, or tops, to can-shaped fibre containers, which hold cleanser powder. The teeth are inserted into the edges of the tops, extending therethrough, and clamped on the under side, the portion of the ferrule above the teeth being bent downwardly over the edges of the "can" walls and crimped in place.

Appellant's patent, No. 1,959,971, discloses a ferrule used for the same purpose as the ferrule of the application at issue and similar thereto in all respects, except that the teeth of the patented ferrule are more sharply pointed.

The patent to Moorman discloses metallic bands or ferrules having on one edge a series of tapered rounded elements referred to in the patent as "ears" or "tongues." The method of attaching the ears to the container differs from the method of attaching the teeth of the application, but since the sole issue before us is that of the structure of the ferrule, this difference in method of attachment is not of consequence here.

Appellant's sole contention, as expressed in the brief in his behalf, is that "the claim is carried to patentability by the shape of the teeth, namely, that the teeth are blunt and pointed."

It appears that the application which ripened into appellant's patent and the present application were both pending in the Patent Office at the time the Examiner finally rejected the claim on appeal and his rejection was based solely upon the patent to Moorman. In his statement following the appeal to the Board, however, appellant's patent, which had issued in the meantime, was also made a basis of rejection, it being held, in effect, that the slight change in shape of the "ears" of the Moorman band and of the teeth of the patented ferrule did not constitute invention. The Board approved the holding as to the Moorman patent and stated that the two applications of appellant might "be said to be for different species," but added, "We do not think, however, that there is a patentable difference between these species."

As has been said, a number of claims stand allowed. These contain specific structural limitations relating to matters such as flaring ends and shoulders of some of the ferrule strips, and specific dimensions and angles of the teeth. With the allowed claims we are not concerned. Careful consideration has been given to the arguments for the allowance of the broad claim on appeal but we are not convinced of error in the holding below. Invention does not seem to us to have been involved in merely changing the shape of the teeth in the manner described.

The several cases cited in the brief on behalf of appellant have been examined, but none seems squarely to meet the facts of this case.

The decision of the Board of Appeals is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE MCKEE

No. 3,622. Decided June 1, 1936

[83 F.(2d) 819]

PATENTABILITY—METHOD OF WRAPPING MEAT.

A claim for a method of wrapping meat after first freezing it *Held* unpatentable over the prior art.

APPEAL from the Patent Office. Affirmed.

Mr. Roy W. Johns for McKee.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

LENROOT, *J.*:

This is an appeal from a decision of the Board of Appeals of the United States Patent Office, affirming a decision of the Examiner rejecting appellant's application for a patent upon the ground that the sole claim in the application was unpatentable in view of the cited prior art.

The involved claim is No. 8, and reads as follows:

8. The method of wrapping meat which comprises first freezing the product and then wrapping in a transparent non-adherent material substantially impervious to air and moisture and then enclosing the whole in an elastic stockinette fabric covering adapted to exert a constant gentle pressure over all surfaces of the product and bring the inner wrapping in intimate contact with the entire surface of the product.

The references cited are: Brace, 200,248, February 12, 1878; Mitchell, 654,118, July 17, 1900; Birdseye, 1,924,903, August 29, 1933; Butterwith (British) 23,486, of 1902.

The alleged invention relates to a method of wrapping meat and is sufficiently described in the claim above quoted.

The patent to Brace relates to preserving meats and discloses wrapping the meat in paper and then enclosing it in a tight-fitting muslin or canvas sack. The entire package is then hermetically sealed by a coating of asphaltum.

The patent to Mitchell relates to a process of coating meats, especially hams and bacon, in which the article is first wrapped in tissue prepared to resist moisture, following which there is drawn over the article a cotton fabric consisting of a sleeve or envelope of finely knitted material.

The patent to Birdseye relates to consumer packages for use in the distribution and storage of meat products. It discloses, among other things, a leg of lamb wrapped in a cellulose lining, or other thin, transparent, flexible, substantially moisture-proof material, and enclosed in a woven covering of textile material. The patent states:

• • • I have found stockinet particularly well suited for the requirements of the case but any loosely woven, somewhat elastic and self-conforming textile material would serve as well. • • •

A glaze is then formed on the exterior of the package, after which the entire package is frozen.

The patent further states:

• • • By using a thin flexible transparent material, such as sheet cellulose, for the first wrapper and surrounding this by a yielding textile covering, I am enabled to bring the inner wrapper into intimate contact with the soft moist surface of the meat product, causing the wrapper to adhere thereto without the interposition of air spaces, so that in the subsequent freezing operation the transparent wrapper is frozen directly to the meat product. It thus becomes substantially invisible so that the consumer may inspect the appearance of the product and the identifying marks which it may carry. This contributes largely to the salability of the complete package and is an important advantage incident to my invention.

It will furthermore be noted that by wrapping the soft moist product in unfrozen condition, less wrapping material is required on account of its yielding character and that the labor and skill of applying the wrapper is less than would be required in the wrapping of a rigid product. I contemplate, therefore, wrapping the product in an unfrozen or only partially frozen condition, and complete the package by a freezing operation.

The British patent to Butterwith relates to a preservative covering for articles of food and the like. The article is wrapped in vegetable parchment and then enclosed in a wrapping or envelope of woven fabric.

The Examiner rejected the claim for lack of invention over each of the patents to Brace, Mitchell, and Butterwith, and also rejected the claim on the patent to Birdseye.

The Board of Appeals affirmed the decision of the Examiner. Both the Examiner and the Board relied mainly on the patent to Birdseye in the rejection of the claim, holding that freezing the meat before wrapping, as disclosed by appellant, instead of after wrapping, as disclosed by Birdseye, did not involve invention.

Birdseye clearly discloses all of the steps in appellant's process, but not in the same order. While it is true that a change in the order of steps in a process may involve invention, we are in agreement with the Patent Office tribunals that invention was not involved in the case at bar in freezing the meat before wrapping. While it is true that Birdseye states that there are certain advantages in freezing the meat after wrapping, which advantages are named in the patent, there is nothing in the patent to indicate that freezing before wrapping would be detrimental. It seems to us that a farmer who, after slaughtering in the early winter, had a quantity of frozen hams, and wished to prevent their dehydration or desiccation before curing, might well have employed the Birdseye method except that he naturally would not thaw out the hams before applying the method of wrapping taught by Birdseye, and would wrap them exactly as is proposed in appellant's claim. It is clear to us that there would be no invention in so doing.

For the reasons stated, the decision of the Board of Appeals is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE WHITTELSEY

No. 3,661. Decided June 8, 1936

[83 F.(2d) 894]

PATENTABILITY—REISSUE—INADVERTENCE, ACCIDENT OR MISTAKE.

Where an application for patent was filed prior to the amendment of rule 41, of June 1, 1930, and a patent was issued thereon with generic claims and claims limited to one of the species shown *Held* that claims specific to another species were properly refused in a reissue application since the limitation of the specific claims to one species and the failure to present claims to the other species was not due to "inadvertence, accident, or mistake."

APPEAL from the Patent Office. Affirmed.

Mr. George J. Harding for Whittelsey.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

LENROOT, *J.*:

This is an appeal from a decision of the Board of Appeals of the United States Patent Office, affirming a decision of the Examiner rejecting claims 31, 32, and 38 to 41, inclusive, of appellant's application for a reissue of patent, No. 1,793,983, issued to him February 24, 1931. Certain claims were allowed. The ground of rejection of the claims above specified was a lack of showing by appellant of inadvertence, accident, or mistake to sustain a reissue as to such claims, which showing is required by R. S. 4916, 35 U. S. C., sec. 64.

Claims 31 and 38 are illustrative of the claims here involved and read as follows:

31. The method of diluting a solution of nitrocellulose in an organic solvent without destroying its viscosity which comprises gradually mixing into the solution an amount of water less than half that of the original solution whereby the water is emulsified in the organic solvent.

38. A diluted nitrocellulose solution comprising a viscous solution of nitrocellulose in a substantially water-immiscible organic solvent and water in amount less than half of the amount of the nitrocellulose solution, the water being dispersed in internal phase in the organic solvent, the viscosity of the original nitrocellulose solution being unchanged.

The reissue application, which comprises identically the same disclosure as does the original patent, relates to aqueous emulsions of rubber and of nitrocellulose, designated as organophil colloids, and procedure for their production.

The Board of Appeals found that the original patent included a generic claim, No. 5, and claims specific to the rubber emulsion. It contained no

claims specific to the nitrocellulose emulsion. The generic claim and claims to specific rubber emulsions have been allowed in the reissue application, and all of the rejected claims relate to the nitrocellulose species within the generic claim.

The application for the original patent was filed on November 6, 1922. At that time rule 41 of the United States Patent Office read as follows:

41. Two or more independent inventions cannot be claimed in one application; but where several distinct inventions are dependent upon each other and mutually contribute to produce a single result they may be claimed in one application.

This rule was construed by the Patent Office tribunals to permit but one species of an invention to be claimed in an application, the applicant being entitled to make a generic claim and specifically to claim one form or species of his invention.

On June 1, 1930 said rule was amended to read as follows:

41. Two or more independent inventions can not be claimed in one application; but where several distinct inventions are dependent upon each other and mutually contribute to produce a single result they may be claimed in one application: *Provided*, That more than one species of an invention, not to exceed three, may be claimed in one application if that application also includes an allowable claim generic to all the claimed species. In the first action on an application containing a generic claim or claims and claims to more than one species thereunder the Examiner, if he is of the opinion after a complete search that no generic claim presented is allowable, shall require the applicant in his response to that action to elect that species of his invention to which his claims shall be restricted if no generic claim is finally held allowable.

It appears from the record that this amendment of rule 41 was made about four months before appellant's original application was allowed and sent to issue, and more than eight months before appellant's original patent was issued. There was, therefore, a period of more than eight months during which appellant might, by proper amendment of his application, have secured the allowance of the claims here involved in his original patent.

An affidavit by appellant appears in the record, from which we quote:

3. That on the filing of his application which eventuated in said United States Letters Patent No. 1,793,983, he instructed his then attorney fully with reference to his concept and advised his then attorney that he believed himself entitled to claims to cover his concept broadly and also to claims to cover specifically emulsions of solutions of rubber and emulsions of solutions of nitrocellulose, in which he was primarily interested.

4. That his then attorney advised him that the rules of the Patent Office in force at that time permitted only the presentation of broad claims and of claims to one species, as a result of which advice he instructed his then attorney to present broad claims and claims more particularly directed to emulsions of solutions of rubber.

5. That during the prosecution of the application which eventuated in his said patent, No. 1,793,983, over a period of eight years, he always insisted upon the prosecution of claims of sufficient breadth to cover emulsions of solutions of nitrocellulose as well as emulsions of solutions of rubber, and that variously during the prosecution, being dissatisfied with the handling of the application, he transferred the prosecution of the application from one attorney to another.

6. That throughout the prosecution of his said application, he actively cooperated with his various attorneys and always insisted upon the prosecution of broad claims and believed that broad claims were being prosecuted.

7. That in the final stage of the prosecution of his said application, still actively cooperating with his then attorneys, he visited the United States Patent Office with his attorney and discussed his said application with the Examiner having it in charge, still insisting and believing that the claims of his application were of a breadth sufficient to cover his concept broadly and, in particular, of a breadth sufficient to cover emulsions of solutions of rubber and emulsions of solutions of nitrocellulose.

8. That as a result of the interview had with the Examiner, and which was attended by him, and of amendment to his said application filed by his attorney, he was advised that among the other claims appearing in his said patent, No. 1,793,983, largely directed to emulsions of solutions of rubber, the Patent Office had allowed to him a claim constituting claim 5 of his said patent as issued.

9. That he examined the claim appearing as claim 5 in his said patent and discussed the claim with his then attorney and recalls distinctly that the claim appeared to him to cover and embrace, and he believed that it covered and embraced, solutions of organophil colloids including specifically solutions of rubber and solutions of nitrocellulose broadly. That being satisfied that he had broad protection under the claim appearing as claim 5 of his said patent and that he had specific protection for emulsions of solutions of rubber under other allowed claims, and having no advice or knowledge of the change in the rules of the Patent Office whereby claims for three species as compared with claims for only one species were permitted, he instructed the issue of his said patent.

The affidavit is quite lengthy, but we regard the portion above quoted as the most pertinent with respect to the question here involved.

We think that the record clearly establishes that claims similar to those here involved were deliberately omitted from appellant's original application, and that there was no inadvertence or mistake in their not being included therein. It appears that, at the time the original application was filed, under said rule 41 then in force appellant could not, in addition to his generic claim, have been allowed species claims for both rubber and nitrocellulose emulsions, but could have had either of said species. Appellant deliberately elected to make claims to the rubber emulsion species, and when the application was filed, including the said rubber emulsion species, appellant had no intention of including the nitrocellulose species, he being advised by his attorney that he could not in that application include claims to both species in addition to his generic claim. So far as the record discloses, at no time subsequent to the filing of his original application and prior to the issue of patent thereon, did appellant form any intention to include the nitrocellulose species in his original application. The most that can be said is that, had appellant become aware prior to the issue of his patent that said rule 41 had been amended on June 1, 1930, permitting the inclusion of the nitrocellulose emulsion claims in addition to the rubber emulsion claims in his application, he then would have formed the intention so to include them. According to appellant's affidavit, after the filing of his original application he first formed the intention of securing the allowance of the claims here involved after his original patent was issued.

It is plain that the claims here involved were intentionally omitted from his original application under the belief that they could not properly be included therein, although in fact they might have been included during a period of eight months immediately preceding the issue of the patent.

In the case of *Dobson* v. *Lees* 137 U. S. 258, 53 O. G. 1740, the court said:

A reissue is an amendment, and cannot be allowed unless the imperfections in the original patent arose without fraud, and from inadvertence, accident or mistake. Rev. Stat. § 4916. Hence the reissue cannot be permitted to enlarge the claims of the original patent by including matter once *intentionally omitted*. • • • [Italics ours.]

The case of *Morgan* v. *Drake et al.*, 17 C. C. P. A. (Patents) 729, 36 F.(2d) 511, 393 O. G. 250, was an interference proceeding, and there was involved the right of one of the parties to make claims corresponding to the counts in a reissue application. We there said:

The subject matter of the interference count must clearly have been disclosed in the patent upon which the reissue application is based, and *it must clearly appear that the reissue applicant sought to secure protection of this particular subject matter in his original application just as he seeks it in the reissue application*, and that his original patent failed to give this full protection for some one or more of the specific reasons which the statute mentions, such as inadvertence, accident, mistake, or other ground, recited in R. S. 4916, 35 U. S. C. A., sec. 64. [Italics supplied.]

We also quote from Walker on Patents (6th Ed.), sec. 274, where, in discussing the circumstances under which a reissue application is proper, the author states:

• • • Nor is the statute satisfied in any case where the new claims of the re-issue were intentionally omitted from the original patent, • • •.

The fact that appellant was not aware of the change in rule 41 prior to the issue of his patent does not, in our opinion, affect the question before us. It is a familiar rule that ignorance of the law is not an excuse for a course of action. Rule 41, in force for eight months prior to the issue of appellant's patent, had the force of law, and the fact that appellant, had he actually known of the change in the rule, would then have formed the intention to include the claims here involved in his original application, cannot supply the want of intention in fact.

In the case of *In re Murray*, 22 C. C. P. A. (Patents) 1196, 77 F.(2d) 651, 460 O. G. 245, we said:

We are unable to discern wherein there is any showing made in this record that the disclosure and claiming of the subject matter now attempted to be incorporated in the reissue, was omitted from the original application by inadvertence, accident, or mistake. It may be true that the full force, significance, and scope of the patent may not have been apparent to the patentee or his representatives or solicitors until a recent date, but it can hardly be said that the reissue statute was intended to permit the reissuance of a patent to include matters evidently not intended to be incorporated in the original application, which, perhaps, have been suggested by improvements in the art which have occurred since the date of issuance of the original patent. *In other words, the reissue statute, in our opinion, was not enacted for the purpose of correcting errors of judgment* or supplying inventive concepts which have originated since the original patent was issued and applied for. [Italics supplied.]

The brief of the Solicitor for the Patent Office concisely states our view with respect to inadvertence, accident, or mistake, in the matter before us, as follows:

• • • If appellant deliberately put in the original application claims specific to one species and deliberately, on study of the existing practice, left out claims for another species, there was surely no intention to claim both, and no inadvertence, etc., in leaving one out.

We think the record discloses that appellant did deliberately put in his original application claims specific to one species, and deliberately, on study of the existing practice, left out claims for the species here involved, and hence there was neither inadvertence nor mistake upon which a reissue could properly be had so far as the claims here involved are concerned.

The rejection of appellant's claims would seem to work a hardship upon him in that, if allowed, he might have secured more adequate protection for his invention without prolonging his monopoly, but the reissue statute must be given a uniform construction, and applicants must come within its provisions before relief may be granted them through a reissue application.

For the reasons stated, the decision of the Board of Appeals is affirmed.

Affirmed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

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1,507,017. (See 1,507,016.) 1,512,869. (See 1,280,596.)

1,520,994. (See 1,329,283.)

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1,699,545. (See 1,687,147.)

1,709,477, W. D. Kyle, Insulator, filed Apr. 28, 1936, D. C., E. D. Mo. (St. Louis), Doc. 11826, *Line Material Co.* v. *J. R. Kearney Corp.*

1,770,224, 1,830,345. A. Anderson, Bore hole directional apparatus and method of orientation, D. C., S. D. Calif. (Los Angeles), Doc. E.4–M, *A. Anderson, Inc.* v. *H. J. Eastman.* Claims 1, 2, 3, 4, 5, 6, 8, 12, 13, and 14 of 1,770,224 held valid and infringed; claim 18 held not infringed; claims 4 and 6 of 1,830,345 do not constitute any invention not covered by claims of 1,770,224. Injunction Oct. 21, 1936. Doc. E 735 (H)M, *A. Anderson, Inc.*, v. *Eastman Oil Well Survey Co. et al.* Decree as above. Dismissed as to defendant H. J. Eastman because of pendency, subject matter and decision in suit E 4–M.

1,775,178. (See Re. 17,813.) 1,830,345. (See 1,770,224.)

1,830,746, Ahlene & Reed, Driven plate; 1,837,173, H. V. Reed, Clutch plate, filed Oct. 23, 1936, D. C., E. D. Ill. (Danville), Doc. 846–D, *Borg-Warner Corp.* v. *Chefford Master Mfg. Co., Inc.*

1,837,173. (See 1,830,746.)

1,880,668, R. A. Bassett, Apparatus for treating and cleaning pile fabric material, D. C., S. D. Calif. (Los Angeles), Doc. Z–4–H, *R. A. Bassett* v. *Jordan Mfg. Co. et al.* Decree holding that defendant's patent 1,923,422 does not infringe plaintiff's patent (notice Oct. 26, 1936).

1,885,276, R. C. McKay, Automatic card shuffler and dealer; 1,992,085, same, Method of dealing playing cards, D. C., E. D. N. Y., Doc. E 7835, *R. C. McKay* v. *Abraham & Straus, Inc.* Decree for plaintiff Oct. 24, 1936.

1,909,790, F. A. Vogel, Tanning process; 1,982,586, same, Chrome tanning process, filed Oct. 24, 1936, D. C., N. D. N. Y., Doc. 3044, *E. B. Tower, Jr.* v. *Endicott Johnson Corp.*

1,910,715, Ryden & Schrodt, Garment, D. C., S. D. Calif., C. Div., Doc. E 767–S, *M. R. Barnes et al.* v. *Malbrose Mfg. Co.* Patent held valid; injunction (notice Oct. 23, 1936).

1,930,987, J. T. Simmons, Method and apparatus for testing the productivity of formations encountered in wells, D. C., S. D. Calif. (Los Angeles), Doc. E 56–D, *E. P. Halliburton et al.* v. *Honolulu Oil Corp., Ltd. et al.* Claims 8 to 19 incl. held invalid for want of invention. Bill dismissed Oct. 23, 1936.

1,974,330, 1,974,331, E. L. Groff, Toy train, D. C., S. D. N. Y., Doc. E 79/213, *American Flyer Mfg. Co.* v. *The Hoge Mfg. Co., Inc.* Dismissed without prejudice (notice Oct. 28, 1936).

1,974,331. (See 1,974,330.) 1,982,586. (See 1,909,790.)

1,984,299, B. Cohen, Bicycle stand, filed Oct. 28, 1936, D. C., N. D. Ga. (Atlanta), Doc. E 826, *B. Cohen* v. *Western Auto Supply Co.*

1,986,543, J. H. Stansbury, Method of canning sweet potatoes, D. C., E. D. Va. (Norfolk), Doc. 372, *J. H. Stansbury et al.* v. *J. W. Taylor Packing Co., Inc.* Decree for defendant Oct. 27, 1936.

1,989,535, F. W. Stolzenberg, Pile fabric, appeal filed Oct. 28, 1936, C. C. A., 2d Cir., Doc. —, *Sidney Blumenthal & Co., Inc.*, v. *Rossie Velvet Co.*

1,992,085. (See 1,885,276.)

2,017,941. C. Braun, Device for cleaning receptacles, filed July 6, 1936. D. C., N. D. N. Y., Doc. 2998, *C. Braun, Inc.*, v. *Kendall-Lamar Corp.*

2,041,982, Van Doren & Rideout, Sled, filed Oct. 28, 1936, D. C., E. D. Mich. (Detroit), Doc. 7751, *The American-National Co.* v. *Auto-Wheel Coaster Co., Inc. et al.*

2,048,451. (See 1,582,184.)

2,049,029, N. H. Storch, Frame assembly for mirror, filed Oct. 28, 1936, D. C., S. D. N. Y., Doc. E 84/89, *M. H. Storch et al.* v. *Ramel Mfg. Co., Inc.*

Re. 16,577, E. V. Crowell, Gas emergency control for flowing oil or gas wells, filed Oct. 21, 1936, D. C., S. D. Calif. (Los Angeles), Doc. E 1037–Y, *The Guiberson Corp.* v. *Olympic Engineering Corp. et al.*

Re. 17,813, 1,775,178, P. von Frantzius, Pistol, filed Oct. 26, 1936, D. C., E. D. Mich. (Detroit), Doc. 7748, *Hercules Gas Munitions Corp.* v. *Manville Mfg. Corp.*

Re. 19,873. H. A. Thrush, Hot water heating system, filed Oct. 20, 1936, D. C. Md., Doc. 2472, *H. A. Thrush & Co.* v. *W. A. Toler.*

Des. 98,129, Des. 100,911, J. D. Wiener, Lace, filed Oct. 23, 1936, D. C., S. D. N. Y., Doc. E 84/79, *J. D. Wiener et al.* v. *Acme Textile, Inc.*

Des. 99,392, M. Hirsh, Coat, filed Oct. 28, 1936, D. C., S. D. N. Y., Doc. E 84/88, *M. Hirsh* v. *Koen Bros., Inc.*

Des. 99,724, J. Persky, Knitted textile fabric, filed Oct. 26, 1936, D. C., S. D. N. Y., Doc. E 84/82, *Josef Knitted Fabrics Co., Inc.*, v. *Sesom Knitting Mills, Inc.*

Des. 100,911. (See Des. 98,129.)

Des. 101,229, I. Franz, Dress, filed Oct. 27, 1936, D. C., S. D. N. Y., Doc. E 84/84, *Wellesley Modes, Inc.*, v. *Ainsley Frocks, Inc.*

Des. 101,310, A. Lehmann, Embroidered fabric, filed Oct. 27, 1936, D. C., S. D. N. Y., Doc. E 84/85, *Lehmann & Naegeli, Inc.*, v. *Rujane Frocks, Inc.*

Adjudicated Patents

(D. C. La.) Weiss patent, No. 1,711,706, for method of making wood pulp, claims 1 to 5, inclusive, *Held* invalid and not infringed if valid. *Bauer Bros. Co.* v. *Bogalusa Paper Co.*, 16 F. Supp. 443.

(D. C. La.) Brennan and Hussey patent, No. 1,713,593, for feeding device, claims 2 and 3 *Held* invalid and not infringed if valid. *Id.*

TRADE-MARKS

OFFICIAL GAZETTE, DECEMBER 15, 1936

[VOL. 473. No. 3]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly-Prepared Materials

Ser. No. 383,001. WALTER S. BAYLIS, Los Angeles, Calif. Filed Sept. 8, 1936.

FULLERITE

For Activated Fuller's Earth for Treating Mineral and Vegetable Oils.
Claims use since June 10, 1936.

Ser. No. 383,157. WALTER S. BAYLIS, Los Angeles, Calif. Filed Sept. 12, 1936.

REACTOLITE

For Activated Fuller's Earth for Treating and Refining Lubricating Oils.
Claims use since Aug. 31, 1936.

Ser. No. 383,617. BASIC DOLOMITE, INCORPORATED, Cleveland, Ohio. Filed Sept. 25, 1936.

CALCIMAG

For Prepared Mineral Ingredients Comprising Lime and Magnesia with Varying Amounts of Alumina and Silica for Use in Glass Batch Mixtures.
Claims use since June 25, 1936.

Ser. No. 383,675. CLARK-COLEMAN COAL & COKE CO., Peoria, Ill. Filed Sept. 26, 1936.



For Coal and Coke.
Claims use since January, 1936.

CLASS 2

Receptacles

Ser. No. 383,540. NORTHWESTERN BARB WIRE COMPANY, Sterling, Ill. Filed Sept. 23, 1936.

ELECTROYED

For Corn Cribs.
Claims use since May 1, 1936.

Ser. No. 383,542. NORTHWESTERN BARB WIRE COMPANY, Sterling, Ill. Filed Sept. 23, 1936.



The words "Sterling Steel" are disclaimed apart from the mark shown.
For Corn Cribs.
Claims use since May 1, 1936.

Ser. No. 383,721. CROWN CAN COMPANY, Philadelphia, Pa. Filed Sept. 28, 1936.

CROWN

For Metal Cans.
Claims use since Aug. 14, 1936.

Ser. No. 383,837. EATON DETROIT METAL COMPANY, Cleveland, Ohio. Filed Oct. 1, 1936.

BUBBLE BOTTLE

The word "Bottle" is disclaimed apart from the mark as shown.
For Combined Carbonating and Dispensing Receptacle for Liquids.
Claims use since Sept. 14, 1936.

Ser. No. 383,988. DARLING & COMPANY, Chicago, Ill. Filed Oct. 5, 1936.

HANDIWATE

For Bags Made of Paper and/or Burlap.
Claims use since May 28, 1936.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 382,322. SAV-O-SILX CO., Los Angeles, Calif. Filed Aug. 18, 1936.



The words "Hosiery", "Shampoo", "Hollywood", and "New York" are disclaimed apart from the mark.
For Liquid Soap.
Claims use since Aug. 10, 1936.

CLASS 5

Adhesives

Ser. No. 372,993. THE PURE OIL COMPANY, Chicago, Ill. Filed Dec. 23, 1935.



The word "Pure" apart from the mark shown is disclaimed.
For Friction Tape for Electrical, Automobile, Bicycle, and Household Use, and Gasket and Rim Cement.
Claims use since Feb. 5, 1935.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 371,881. MCNEIL LABORATORIES, INCORPORATED, Philadelphia, Pa. Filed Nov. 22, 1935.



For Various Chemicals, Medicines, Drugs, and Pharmaceutical Products in Various Forms Such as Ampuls, Capsules, Elixirs, Fluids, Jellies, Liniments, Lotions, Lozenges, Mixtures, Ointments, Powders, Solutions, Syrups, Tablets, and Tinctures, and Including:—Adjuvants, Alteratives, Analgesics, Anaphrodisiacs, Anesthetics, Anhidrotics, Anodynes, Antacids, Anthelmintics, Antiarthritics, Anti-Asthmatics, Antilithics, Anti-Malarials, Anti-Neuralgics, Antiperiodics, Antiphlogistics, Anti-Pyics, Antipyretics, Anti-Rheumatics, Anti-Sclerotics, Antiseptics—Namely, External, Genito-Urinary, Intestinal, Nasal, Ophthalmic, Oral, Rectal, and Respiratory; Antispasmodics, Antisyphilitics, Astringents—Namely, Dermal, Genito-Urinary, Nasal, Ophthalmic, Oral, Rectal, and Veinous; Cardiac Depressants, Cardiac Stimulants, Carminatives, Cathartics, Cholagogues, Cough Sedatives, Counter-Irritants, Demulcents, Deodorants, Detergents, Diaphoretics, Digestants, Disinfectants, Diuretics, Emmenagogues, Emollients, General and Genito-Urinary Expectorants, Febrifuges, Galactagogues, Heart Stimulants, Heart Tonics, Hematinics, Hemostatics, Hepatic Stimulants, Hypnotics, Laxatives, Local Anesthetics Milk Correctives, Nerve Sedatives, Nerve Stimulants, Nutrients, Parasiticides, Prophylactics, Protectives, Purgatives, Respiratory Stimulants, Rubefacients, Sedatives, Somnifacients, Soporifics, Specifics, Stimulants, Stomachics, Stomachic Sedatives, Styptics, Sudorifics, Tonics; Uterine Acidifiers, Sedatives, Stimulants and Tonics; Vaso-Constrictors, Vaso Dilators, Vermicides and Vulneraries; Ampuls—Namely, Caffeine, Sodio-Benzoate, Calcium Gluconate, Camphor, Corpus Luteum, Ephedrine Hydrochloride, Epinephrine Hydrochloride, Glucose Solution (Dextrose), Glycerophosphates Compound, Iron Arsenite, Iron Arsenite Compound, Iron Cacodylate, Iron Citrate, Iron Citrate-Nuclein Compound, Liver (Extract or Solution), Magnesium Sulphate, Mercury Succinimide, Orchic Solution, Ovarian Residue, Ovarian Substance, Pituitary-Anterior, Pituitary Solution, Pituitary Thymus, Procaine with Epinephrine, Quinine and Urea Hydrochloride, Quinine Dihydrochloride, Quinine-Urethane, Silver Nitrate Solution, Sodium Cacodylate, Sodium Citrate, Sodium Formaldehyde Sulphoxylate (Crystals), Sodium Iodide, Sodium Salicylate, Sodium Salicylate Compound Sodium Thiosulphate; Capsules, Hard Gelatin—Namely, Acetanilid Compound, Acetphenetidin Compound, Acetphenetidin-Camphor Compound, Acetphenetidin-Sodium Citrate Compound, Acid Acetylsalicylic, Acid Acetylsalicylic-Barbital, Acid Acetylsalicyclic Compound, Acid Boric Compound, Acid Gallic Compound, Activated Charcoal, Alum-Tannin Compound, Alum-Zinc Sulphate Compound, Amidopyrine-Caffeine, Amidopyrine Caffeine Compound, Ammonium Chloride-Sodium Citrate Compound, Ammonium Chloride-Squill Compound, Ammonium Chloride-Terpin Hydrate Compound, Ammonium Salicylate Compound, Apiol-Ergotin Compound, Apiol-Viburnum Compound, Apocynum Compound, Arsenic and Iodine, Arsenic and Iodine Compound, Asafetida-Ginger Compound, Barbital-Sodium Compounds, Bismuth-Cerium Oxalate Compound, Bismuth Magnesia Compound, Bismuth Subnitrate and Phenobarbital Compound, Blaud's Compound, Blaud's Cascara Compound, Blaud's Strychnine Compound, Calcium Iodized, Calomel Compound, Casein Iodide, Cerium Oxalate and Chlorbutinol, Chloramin T, Chromium Sulphate Compound, Cinchophen Compound, Copaiba-Terebinthina Compound, Corpus Luteum, Digitalis, Digitalis-Buchu Compound, Digitalis Compound, Digitalis Quinine-Sulphate Compound, Ephedrine Compound, Ephedrine Hydrochloride, Ergotin Compound, Ferrous Lactate Compound, Glandular Compounds, Glycerophosphates-Papain Compound, Glycerophosphate with Digestants, Hypophosphites Compound, Iodine Guaiacol Compounds, Iron and Ammonium Citrate, Iron-Copper-Calcium Gluconate, Iron Reduced, Lithium Benzoate Compound, Liver, Lupulin Compound, Magnesal, Ma Huang, Ma Huang Compound, Mammary Substance, Nux Vomica-Sodium Bicarbonate, Orchic Substance, Ovarian Residue, Ovarian Substance, Oxgall-Pancreatin Compound, Papain Compound, Papain Digestant, Papaverine-Codeine, Para-Thyroid, Passiflora-Lupulus Compound, Pepsin-Charcoal Compound, Phenobarbital, Phenobarbital-Sodium, Pituitary-Anterior, Pituitary (Whole), Potassium Iodide-Lobelia Compound, Potassium-Iodide Mercury Compound, Potassium Permanganate Compound, Potassium Sulphocyanate, Quinidine-Sulphate-Quinine-Aconite Compound, Quinine-Atropine Compound, Quinine-Camphor Compound, Quinine Sulphate, Rhubarb-Hydrastis Compound, Rhubarb-Magnesia Compound, Silver Albuminate, Silver Albuminate Compound, Silver Nitrate Compound, Sodium Nitrite Compound, Strontium Salicylate Compound, Sulphur-Potassium Bitartrate Compound, Suprarenal, Terpin Hydrate Compound, Terpin Hydrate-Creosote Compound, Terpin-Hydrate Hyoscyamus Compound, Theobromine, Theobromine-Phenobarbital, Thyroid; Capsules, Soft Elastic—Namely, Apiol-Ergotin Compound, Colchicine-Methyl Salicylate, Menthol Compound, Methylene Blue Compound, Salol Compound, Sandalwood Oil; Elixirs—Namely, Acetanilid-Cannabis Compound, Alfalfa-Manganese Compound, Amidopyrine-Caffeine, Ammonium Chloride Sanguinaria Compound, Auric Bromide, Belladonna-Cubeb Compound, Buchu-Potassium Acetate Compound, Bromides-Belladonna Compound, Bromides-Phenobarbital Compound, Camphor-Belladonna Compound, Cardamom Aromatic, Cascara Compound with Digestive Ferments, Catechu-Ginger Compound, Choral Glycerate, Cinchona Alkaloids Compound, Columbo Nux Vomica-Gentian, Creosote-Glycerophosphates Compound, Digestive Ferments, Digitalis-Cactus Compound, Ephedrine, Gentian-Taraxacum Compound, Glycerophosphates, Glycerophosphates-Lecithin Compound, Glycerophosphates-Papain Compound, Guaiacol-Terpin Hydrate Compound, Iron Arsenic-Mercury Chlorides, Iron-Quinine Compound, Juniper-Sodium Acetate Compound, Lactated Pepsin, Lobelia-Euphorbia Compound, Ma Huang, Nux Vomica-Cinchona Compound, Nux Vomica-Gentian Compound, Pepsin-Bismuth Compound, Phenobarbital, Potassium Sulphocyanate, Potassium Sulphocyanate with Cascara, Quebracho Compound, Rhubarb Alkaline with Pancreatin, Salicylic Compound, Saw Palmetto Compound, Sodium Salicylate Compound, Sodium Salicylate-Cimicifuga Compound, Strontium Bromide, Strontium Salicylate Compound, Terpin Hydrate-Codeine Sulphate, Trifolium Compound, Triple Bromides Compound, Triple Citrates Compound, Viburnum Compound; Emulsion—Calcium Gluconate; Fluid Extract—Cascara Aromatic; Fluids—Namely, Allium Sativum, Aspidosperma, Belladonna Leaves, Bryonia Alba, Cactus Grandiflorus, Calendula, Cascara Sagrada, Chelidonium, China (Cinchona) Chionanthus, Cimicifuga, Crataegus Oxycantha, Dulcamara, Echinacea Angustifolia, Eucalyptus, Euonymus Atropurpureus, Eupatorium Perfoliatum, Euphorbia Pilulifera, Euphrasia, Gelsemium, Gentiana Lutea, Guaiacum, Hydrastis, Hyoscyamus, Hypericum, Ignatia, Ipecacuanaha, Jaborandi (Pilocarpus), Leptandra, Lobelia, Myrica Cerifera, Nux Vomica, Phytolacca, Pulsatilla, Rhus Toxicodendron, Stramonium, Veratrum Album, Viburnum Opulus, Viburnum Prunifolium; Glandular Products—Namely, Corpus Luteum, Epinephrine, Islands of Langerhans, Liver Substance, Mammary Gland, Orchic Substance, Ovarian Residue, Ovarian Substance, Para-Thyroid Gland, Pituitary Products, Suprarenal Gland, Thyroid Gland, Glandular Products, Mixed; Glycerites—Iodine, Phenal and Compounds; Quick-Drying Skin Varnish Applied by an Applicator to the Skin and Used in the Treatment of Erysipelas, Boils, Carbuncles, Chilblain, Chronic Eczema, Acne, and Kindred Skin Diseases, Arthritis, and Rheumatism; Jelly—Ephredrine, Tragacanth; Liniments—Namely, Capsicum Compound, Cream Camphor, Methyl Salicylate Compound; Lotions—Resorcinol-Zinc Oxide Compound; Lozenges—Namely, Aconite-Bryonia Compound, Anesthesin and Combinations with Coltsfoot, Iodine or Red Gum; Brown Mixture, Brown Mixture Compound, Brown Mixture with Ammonium Chloride, Calcium Carbonate, Coltsfoot Compound, Iron Phosphate Compound, Oxyquinolin Sulphate and Combinations with Elm Bark or Anesthesin; Phenobarbital, Phenolphthalein, Phenyl-Mercuric Nitrate, Phenyl-Mercuric Nitrate with Anesthesin, Santonin Compound, Sodium Iodide; Mineral Oil for Laxative or Medicinal Purposes; Mixtures—Namely, Bismuth-Salol Compound, Cajeput-Lobelia Compound, Glycyrrhiza Compound, Iron Chloride Compound, Soda Mint Aromatic; Ointments—Namely, Acid Boric, Ammonium Sulphate, Analgesic, Belladonna, Burn, Calamine Compound, Chloramin T, Cold Cream, Iodized, Mercury Ammoniated, Methyl Salicylate, Methyl Salicylate Compound, Mustard Compound, Nasal, Oxyquinolin Sulphate-Anesthesin Compound, Para-Thio-Cresol, Peru Balsam, Peru Balsam Compound, Phenyl-Mercuric Nitrate, Potassa Sulphurata Compound, Rectal, Resorcinol Compound, Salicylic-Benzoic Compound, Scarlet Red, Storax Compound, Sulphurized, Zinc Oxide Aromatic, Zinc Oxide Compound, Zinc Calomel Compound, Zinc Salicylic Compound; Ointments, Ophthalmic—Namely, Acid Boric, Adrenals Compound, Atropine, Copper Citrate, Mercuric Chloride (Corrosive), Mercuric Chloride with Procaine, Mercuric Oxide, Procaine with Epinephrine, Scarlet Red, Silver Albuminate; Powders—Namely, Acid Boric-Iodine-Bismuth Compound, Alum-Copper Sulphate Compound, Anesthesin Compound, Calcium Gluconate, Liver Extract, Magnesium Carbonate Compound, Magnesium Carbonate with Activated Charcoal, Magnesium Carbonate with Bismuth, Magnesium Carbonate with Anesthesin, Oxyquinolin Sulphate with Anesthesin, Sodium Compounds, Thymol Compound; Silver Albuminate; Solutions—Namely, Acid Boric, Aluminum Acetate, Ephedrine Hydrochloride, Glycerophosphates Compound, Iodine Compound, Iron and Ammonium Acetate, Para-Mono-Chlor Phenol in Camphor, Para-Thio-Cresol, Phenyl-Mercuric Chloride, Phenyl-Mercuric Nitrate; Spirits—Ammonia, Ether Nitrous and Peppermint; Suppositories (Rectal and Vaginal); Syrups—Namely, Cherry Anodyne, Cocillana Compound, Guaiacol Compounds, Hypophosphites, Hypophosphites Iodide, Hypophosphites-Lime Juice, Sanguinaria Compound, Senna Compound, Sodium Citrate-Sanguinaria Compound, Tolu-Cannabis Compound, Tolu-Creosote Compound, White Pine-Eucalyptol Honey, Wild Thyme Compound, Yerba Santa Compound; Tablets—Namely, Acetanilid, Acetanilid-Caffeine Compound, Acetanilid Compound with Wintergreen, Acetanilid-Gelsemium Compound, Acetanilid-Salicylic Compound, Acetanilid-Salol Acetanilid Salol Compound, Acetanilid-Sodium Compound, Acetphenetidin, Acetphenetidin Camphor Compound, Acetphenetidin Sodium Citrate Compound, Acetphenetidin-Salol, Acid Acetylsalicylic, Acid Acetylsalicylic-Barbital, Acid Acetylsalicylic Compound, Acid Gallic Compound, Acid Sodium Phosphate, Aconite Compound, Aconite-Belladonna Compound, Aconite-Bryonia Compound, Aconite-Camphor Compound, Acriflavine (Neutral) Aletrin-Helonin Compound, Alkaline, Alkaline with Belladonna, Aloin Belladonna and Strychnine-Cascara, Aloin-Euonymin Compound, Alum Compound, Alum-Copper Sulphate Compound, Amidopyrine, Amidopyrine-Caffeine Compound, Amidopyrine-Caffeine Compound with Wintergreen, Amidopyrine-Phenobarbital, Ammonium Chloride, Ammonium Chloride Compound, Ammonium Chloride-Cascarin Compound, Ammonium Chloride-Ipecac Compound, Ammonium Chloride-Sanguinaria Compound, Ammonium

Chloride-Senega Compound, Ammonium Chloride-Sodium Citrate Compound, Ammonium Chloride-Squill Compound, Ammonium Chloride-Terpin Hydrate Compound, Ammonium Chloride-Wild Cherry, Ammonium Salicylate Compound, Anesthesin and Combinations, Antimony-Ipecac, Antiseptic Disks, Apocynum Compound, Arsenic and Iodine Compound, Asafetida-Ginger Compound, Asafetida-Iron Bromide Compound, Asafetida-Nux Vomica, Atropine Sulphate, Auric Bromide, Barbital, Barbital-Sodium, Barbital-Sodium Compound, Belladonna Leaves, Belladonna-Ergotin Compound, Bile Salts, Bile Salts Compounds, Bismuth-Cerium Oxalate Compounds, Bismuth-Copper Arsenite Compound, Bismuth-Ipecac Compound, Bismuth-Salol Compound, Bismuth Subgallate, Bismuth Subnitrate, Blaud's, Blaud's-Strychnine Compounds, Brown Mixture, Brown Mixture Compounds, Buchu-Asparagus Compound, Buchu-Atropine Compounds, Buchu Compound, Buchu-Potassium Nitrate Compound, Cactus Compounds, Caffeine, Citrated, Calcium Carbonate, Calcium Carbonate-Anesthesin, Calcium Gluconate, Calcium Gluconate with Anesthesin, Calcium Iodized, Calcium Lactate, Calcium Sulphide, Calomel, Calomel with Wintergreen, Camphor-Belladonna Compound, Camphor-Aloin Compound, Camphor-Hyoscyamus Compound, Camphor, Hyoscyamus-Valerian, Camphor-Lead Acetate Compound, Camphor-Quinine Compounds, Camphor-Rhubarb Compound, Camphor-Tannin Compound, Cannabis Compounds, Cascara Compounds, Cascara Sagrada, Carthartic Compound, Chloramin T, Chlorodyne, Cinchophen, Cinchophen Compounds, Cocaine Hydrochloride, Codeine Sulphate, Colchicum-Salicylic Compound, Coltsfoot Compound, Copaiba-Kava Kava Compounds, Copaiba-Salol Compound, Copper-Strychnine Compound, Corpus Luteum, Creosote Compounds, Cubeb Compounds; Digitalis, Digitalis Compounds, Digitalis-Buchu Compound, Digitalis-Squill Compound, Dinitrophenol, Dobell's; Dover's Powder, Drosera Compound, Drosera-Belladonna Compound, Ergotin, Ergotin-Aloes Compound, Gentian Compound, Gentian-Strychnine Compound, Glandular Compounds, Hexamethylenamine Compound, Hypophosphites Compound, Iron, Arsenic-Strychnine; Iron Phosphate Compound, Iron Quinine-Strychnine, Kava Kava Compound, Lead-Opium, Lithium Salicylate Compound, Lupulin-Bromide Compound, Lupulin-Pulsatilla Compound, Macrotin Compound, Magnesia, Magnesia-Bismuth, Magnesia-Bismuth Compound, Magnesia-Soda, Magnesium Carbonate, Magnesium Oxide, Magnesium Oxide Compound, Magnesium Salicylate, Magnesium Sulphate, Mammary Substances, Menthol Compound, Mercurous Iodide, Methylene Blue Compound, Morphine Sulphate, Nascent Sodium Citrate, Neocinchophen, Nickel Bromide Compound, Nitroglycerin, Nux Vomica, Nux Vomica-Damiana Compound, Nux Vomica-Gentian Compound, Nux Vomica-Ignatia Compound, Nux Vomica Pepsin, Nux Vomica-Sodium Bicarbonate, Opium Camphorated Compound, Orchic Substance, Ovarian Residue, Oxgall Compounds, Oxyquinolin Sulphate, Oxyquinolin Sulphate with Anesthesin, Papain Compounds, Papain-Diastase Compound, Papain Digestant, Para-Thyroid, Passiflora-Valerian Compound, Pepsin-Capsicum Compound, Pepsin-Charcoal Compounds, Pepsin Compound, Pepsin-Pancreatin Compound, Pepsin-Rennin Compound, Phenobarbital, Phenobarbital with Charcoal, Phenobarbital-Gentian Compound, Phenobarbital-Sodium, Phenobarbital Sodium-Atropine, Phenolphthalein, Phenolphthalein-Calomel, Phenolphthalein Compound, Phenolphthalein with Wintergreen, Pituitary, Placebo, Potassium Citrate, Potassium Citrate Compound, Potassium Iodide, Potassium Iodide-Lobelin Compound, Potassium Iodide-Mercury Compound, Potassium Permanganate, Potassium Sulphocyanate, Procaine, Quinine Bisulphate, Quinine Sulphate, Quinine-Aconite Compound, Quinine-Cascara Compound, Quinine-Gentian Compound, Rhubarb-Capsicum Compound, Rhubarb-Ipecac Compound, Rhubarb Soda Compound, Saccharin, Salol, Salol Compound, Santonin Compound, Soda Mint, Sodium Bicarbonate, Sodium Bromide, Sodium Chloride, Sodium Citrate, Sodium Iodide, Sodium Mono-Benzyl Succinate Compound, Sodium Nitrite, Sodium Nitrite Compound, Sodium Salicylate, Sodium Salicylate-Boric Compound, Sodium Salicylate Compound, Stannous Proteinate, Strontium Salicylate, Strontium Salicylate Compounds, Strychnine Sulphate, Sulphur Compound, Sumbul Compound, Suprarenal, Terpin-Hydrate-Codeine, Terpin Hydrate-Creosote Compound, Terpin Hydrate-Hyoscyamus Compound, Theobromine Compound, Theobromine Sodio-Salicylate; Three Valerianates Compound, Thyroid, Triple Bromides, Triple Bromides Compound, Valerian Compounds, Viburnum Compounds, Vitamines A and D Compound; Hypodermic Tablets—Namely, Atropine Sulphate, Codeine Sulphate, Morphine Sulphate, Morphine-Atropine, Nitroglycerin, Strychnine Sulphate; Tinctures—Namely, Arnica, Belladonna Leaves, Capsicum and Myrrh, Digitalis, Gentian Compound, Green Soap, Hyoscyamus, Iodine, Larkspur, Nux Vomica, Opium; Opium, Camphorated; Urine Test Solutions and Reagents—Namely, Benedict's, Fehling's (Copper Sulphate and Alkaline Tartrate), Haines, Obermayer's, Exton's (Sulphosalicylic Acid).

Claims use since June 1, 1900.

Ser. No. 373,336. MARY FIELDS, doing business as Le Continent et Cie., Chicago, Ill. Filed Jan. 4, 1936.

Viennese Beaute'

For Face Creams, Face Lotions, Face Tonics, Shampoo, Hair Tonics, Rouge, Lip Sticks, Eyebrow Pencils, Eau de Cologne, Perfumes, Eye Shadow, Nail Oils, Nail Polishes.

Claims use since Jan. 1, 1935.

Ser. No. 373,918. HECKEL & JUNGE, Santa Monica, Calif. Filed Jan. 21, 1936.

INNER-HALE



Electric Vapor

The representation of the device and the words "Electric Vapor" are disclaimed apart from the mark shown.

For Pharmaceutical Preparation for Use in the Treatment of Diseases of the Respiratory Organs.

Claims use since Sept. 13, 1935.

Ser. No. 374,662. GRACE E. HAMILTON, doing business as Slendex Laboratories, Chicago, Ill. Filed Feb. 10, 1936.

SLENDEX



For Externally Applied Slenderizing Preparation.

Claims use since Jan. 2, 1927.

Ser. No. 377,406. MONSANTO CHEMICAL COMPANY, St. Louis, Mo. Filed Apr. 20, 1936.

SANTOLUBE

For Chemical Adjuvants for Petroleum Oils Adapted to Improve the Lubricating Characteristics of Such Petroleum Oils.

Claims use since Mar. 12, 1936.

Ser. No. 377,407. MONSANTO CHEMICAL COMPANY, St. Louis, Mo. Filed Apr. 20, 1936.

SANTOPOUR

For Chemical Adjuvants for Petroleum Oils Adapted to Reduce the Pour Point and Otherwise Improve the Lubricant Value of Said Petroleum Oils.

Claims use since November, 1935.

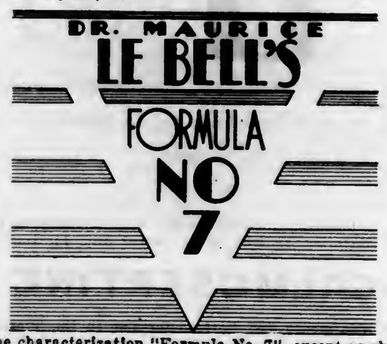
Ser. No. 378,312. ATWOOD BUCKMASTER, doing business as Blactol Remedy Co., Montpelier, Ind. Filed May 11, 1936.

Blactol

For Medicinal Preparations Used in the Treatment of Poultry and Rabbits, for Coccidiosis, and for Respiratory Diseases Such as Roup, Colds, Laryngotracheitis, and Pneumonia.

Claims use since June, 1934.

Ser. No. 378,844. MAURICE LE BELL, Los Angeles, Calif. Filed May 25, 1936.



The characterization "Formula No. 7", except as shown, is disclaimed. The drawing is lined for blue.

For Dehydrated Vegetable for Therapeutic Use.

Claims use since Nov. 9, 1935.

Ser. No. 378,977. JACQUELINE COCHRAN, doing business as Jacqueline Cochran Beauty Salon and J. C. Laboratories, Chicago, Ill., and Roselle, N. J. Filed May 28, 1936.

Jacqueline Cochran

WINGS TO BEAUTY

For Cosmetics and Beauty Preparations—Namely, Herbal Lotion, Skin Tonic, Foundation Cream, Herbal Oil, Liquefying Cleansing Cream, Tissue Cream, Pore Texture, Cleansing Cream, Hand Lotion, Eye Cream, Sunburn Preventative, Lipstick, Eye Shadow, Face Powder, Rouge, Rouge Compacts, and Mascara.

Claims use since May 11, 1936.

Ser. No. 379,094. HUMBLE OIL & REFINING COMPANY, Houston, Tex. Filed June 1, 1936.

HUMBLE

For Rust Removing Compounds, Rust Preventing Chemical Compounds, and Hydrocarbon Solvents for Use in Chemicals and Chemical Compounds.

Claims use since Jan. 20, 1936.

Ser. No. 379,721. THE ULRICI MEDICINE COMPANY, INC., New York, N. Y. Filed June 13, 1936.

MORRHUALTA

For Preparation Useful as a Tonic and Reconstituent to Aid in the Development of Children, and in the Care of Mothers During and After Childbearing, and Indicated in and for the Treatment of Chronic Catarrh; Coughs; Diminution, Impairment, or Loss of Appetite, Energy, Resistance, Strength, Vitality, and Weight; Diminution of the Quantity or Impairment of the Quality of the Blood; General Debility; Grippe; Influenza; Lymphatism; Rickets; Scrofula; Weakness of the Lungs; to Build Blood, Bone, and Tissue; to Enrich and Purify the Blood; to Strengthen the Lungs; and as a Preventative Against Anemia, Beri-beri, and Incipient Tuberculosis.

Claims use since Oct. 1, 1905.

Ser. No. 379,723. THE ULRICI MEDICINE COMPANY, INC., New York, N. Y. Filed June 13, 1936.



The drawing is lined for red. The words "Chemist" and "New York" are disclaimed apart from the mark.

For Preparations Useful as an Aid to Convalescents from Illness, as Tonics and Reconstituents to Aid in the Development of Children, and in the Care of Mothers During and After Childbirth, and Indicated in or for the Treatment of Anemia; Bilious Diarrhoea; Biliousness; Chlorosis; Chronic Catarrh; Chronic Indigestion; Cold Sweat; Congestion; Constipation; Coughs; Diminution, Impairment or Loss of Appetite, Energy, Resistance, Strength, Vitality, and Weight; Diminution of the Quantity or Impairment of the Quality of the Blood; Dyspepsia; Fatigue; General Debility; Grippe; Hepatitis; Influenza; Liver Complaint; Lymphatism; Melancholia; Menstrual Disorders, Irregularities, and Pains; Mental Depression and Fatigue; Nervous Depression, Exhaustion, and Other Affections, Disorders, or Maladjustments of the Nervous System; Neurasthenia; Physical Disorders Resulting from the Change of Life of Women; Rickets, Sallowness; Scrofula; Weakness of the Lungs; to Build Blood, Bone, and Tissue; to Purify and Enrich the Blood; to Strengthen the Lungs; and as a Preventative Against Anemia, Beri-beri, and Incipient Tuberculosis.

Claims use since 1904.

Ser. No. 380,709. LEO HAAS, doing business as Hussan Products Co., New York, N. Y. Filed July 7, 1936.

The Milky Way to a Satin Skin



The words "Milk Bath" and "The Milky Way to a Satin Skin" are disclaimed from the mark.

For Chemicals, Medicines, and Pharmaceutical Preparations, to Wit: A Beauty Preparation Used in a Bath.

Claims use since Nov. 1, 1935.

Ser. No. 380,726. SUNCLYME HOUSE, INC., Miami, Fla. Filed July 7, 1936.

Sunclyme

For Cosmetic Preparations—Namely, Lotions, Creams.

Claims use since June 22, 1936.

Ser. No. 381,850. ABRAHAM MILTON ROSENTHAL, doing business as Sadin Company, Richmond, Va. Filed Aug. 5, 1936.

SADIN

For Medicinal Preparations for the Treatment of Headache, Headcolds, Toothache, Neuralgia, and Periodic Pains.

Claims use since Apr. 1, 1936.

Ser. No. 381,981. LOUIS L. FISHER, doing business as Smooth Foot Co., Los Angeles, Calif. Filed Aug. 10, 1936.

Smooth Foot



The words "Smooth Foot" are disclaimed apart from the mark.

For Chemical Preparation for the Removal of Corns and Callouses.

Claims use since July 29, 1936.

Ser. No. 382,019. LLOYD O. PERRY, doing business as Perry Laboratories, Detroit, Mich. Filed Aug. 11, 1936.

CALMOSEPTINE

For Ointments and Lotions for Use in the Treatment of Acne, Eczema, Erythema, Herpes, Impetigo, Ivy Poisoning, and Other Forms of Dermatitis, and Also as a Relieving Agent in the Treatment of Chicken Pox, Measles, and Scarlet Fever.

Claims use since July 26, 1933.

Ser. No. 382,102. NUTRITIONAL RESEARCH ASSOCIATES, INC., South Whitley and Fort Wayne, Ind. Filed Aug. 12, 1936.

Quintrex

For Concentrated Vitamin Preparation to be Added to Foods for Dogs and Other Carnivorous Animals.

Claims use since Dec. 13, 1934.

Ser. No. 382,168. PITMAN-MOORE COMPANY, Indianapolis, Ind. Filed Aug. 14, 1936.

BU-MA-LAC

For Medicinal Preparation for Hypodermic Use in Non-Specific Protein Therapy for the Treatment of Suppurative Conditions, Furunculosis, Carbuncles, Chronic Abscesses and Ulcers, Sepsis, Phlegmon, Gonorrhea and its Complications, Acne, and Kindred Conditions.

Claims use since Mar. 30, 1936.

Ser. No. 382,170. PITMAN-MOORE COMPANY, Indianapolis, Ind. Filed Aug. 14, 1936.

CLARILAC

For Medicinal Preparation for Hypodermic Use in Non-Specific Protein Therapy for the Treatment of Chronic or Purulent Infections, Gonorrhea and its Complications, Arthritis, Inflammations of the Eye, Deep-Seated Abscesses, and Kindred Conditions.

Claims use since Aug. 25, 1935.

Ser. No. 382,174. PITMAN-MOORE COMPANY, Indianapolis, Ind. Filed Aug. 14, 1936.

XANIOPHEN

For Medicinal Tablet for Use in Hypertension, Angina and Other Manifestations of Cardiac Pain Where Stimulant Action on the Heart and Increased Elimination Through Diuresis is Desired, and for Exerting Alterative and Sedative Actions.

Claims use since Nov. 21, 1935.

Ser. No. 382,415. MARK W. ALLEN & CO., Detroit, Mich. Filed Aug. 21, 1936.

LADYALLEN

For Astringents, Astringent Cerates, Beauty Creams, Bleach Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Vanishing Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Face Bleaches, Face Packs, Skin Whitener in Liquid and Solid Forms, Eyebrow and Eyelash Grower, Eye Drops, Eye Lotions, Eyebrow Pencils, Chemical Preparations Suitable for the Darkening of Eyelashes and Eyebrows, Hand Lotions, Skin Lotions, After Shaving Lotions, Styptic Pencils, Pomades, Face Powders, Body Powders, Sachets, Hair Salves, Hair Elixirs, Dandruff Preparations, Hair Tonics, Hair Oils, Shampoos, Hair Dyes, Bath Salts, Bath Oils, Bath Powders, Bath Crystals, Smelling Salts, Lip Sticks, Incense, Tooth Powders, Mouth Washes, Dentifrices, Tooth Pastes, Depilatories, Nail Creams, Nail Powders, Nail Bleaches, Nail Polishes, Nail Polish Removers, Witch Hazel, Peroxide, Petroleum Jellies, Witch Hazel Salves, Camphor Creams, Foot Powders, Corn Salves, Deodorants, Disinfectants, Bay Rum, Perfumes, and Toilet Waters.

Claims use since Nov. 19, 1932.

Ser. No. 382,557. E. L. HARRIS AND SON COMPANY, St. Louis, Mo. Filed Aug. 25, 1936.



The portrait is fanciful. All wording except "Harris" is disclaimed apart from the mark.

For Cough Mixture.

Claims use since Apr. 15, 1935.

Ser. No. 382,570. REINHARD REIN, New York, N. Y. Filed Aug. 25, 1936.



For Herb Tea for Internal Use as an Alterative and Laxative.

Claims use since January, 1936.

Ser. No. 382,700. HARRY SCHREIBER, New York, N. Y. Filed Aug. 26, 1936.

MAGEN STÄRKER

ECHTER ERZGEBIRGISCHER

FICHTELBERG BITTERS

The wording with the exception of "Fichtelberg" is disclaimed apart from the mark as shown.

For Preparation for Use as a Laxative Drug and Bitter Appetizer.

Claims use since June 1, 1935.

Ser. No. 382,795. HARRIETTE HESSIN, Hollywood, Calif. Filed Sept. 1, 1936.

de heriot

For Perfumes, Perfumed Sachets, and Perfumed Dusting Powders.
Claims use since Sept. 1, 1935.

Ser. No. 382,970. THE UPJOHN COMPANY, Kalamazoo, Mich. Filed Sept. 5, 1936.

Phenacarbonate

For Medicinal Preparation for the Relief of Pain.
Claims use since June 15, 1936.

Ser. No. 382,997. ADDRESSOGRAPH-MULTIGRAPH CORPORATION, Euclid Village, Cleveland, Ohio. Filed Sept. 8, 1936.



For Chemicals for Use in Planographic Printing.
Claims use since January, 1934.

Ser. No. 383,016. CARL C. HOFFMAN, INC., St. Louis, Mo. Filed Sept. 8, 1936.

PENTINT

For Nail Lacquer Put Up in Applicators.
Claims use since Aug. 6, 1936.

Ser. No. 383,213. ESTELLE M. LAWRENCE, doing business as Iveen Laboratories, Los Angeles, Calif. Filed Sept. 14, 1936.

Velvetan

For Cream for Producing a Tan Complexion.
Claims use since May 1, 1930.

Ser. No. 383,235. BURTON SKILES, doing business as Skiles Hair Styles, Long Beach, Calif. Filed Sept. 14, 1936.

MOULDWAX

The word "Wax" is disclaimed except as shown.
For Preparation Used in Making Permanent Waves in Hair.
Claims use since May 1, 1936.

Ser. No. 383,248. AMERICAN CREOLOL COMPANY, Latrobe, Pa. Filed Sept. 15, 1936.

CREOLOL

For Germicides, Disinfectants, Deodorants, and Insecticides.
Claims use since Dec. 30, 1897.

Ser. No. 383,310. NICHOLAS HYMA, doing business as The Hyma Chemical Laboratories, Buckhannon, W. Va. Filed Sept. 16, 1936.



For Liquid Medicinal Preparation Recommended for Use in Treating Ivy Poisoning and Fungus Diseases of the Skin.
Claims use since Aug. 1, 1934.

Ser. No. 383,332. ROYCE A. THOMPSON, doing business as Royce A. Thompson Co., Santa Monica, Calif. Filed Sept. 16, 1936.



The word "Compound" is disclaimed apart from the mark as shown. The drawing is lined for brown.
For Medicine for Treatment of Goitre.
Claims use since Oct. 5, 1934.

Ser. No. 383,369. PAPER MAKERS CHEMICAL CORPORATION, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware. Filed Sept. 17, 1936.

CONCENTAL

For Highly Concentrated Sulphonated Tallow for Use as a Foam Killer and as a Softener and Finisher in Textile Manufacturing.
Claims use since Dec. 20, 1934.

Ser. No. 383,374. PAPER MAKERS CHEMICAL CORPORATION, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware. Filed Sept. 17, 1936.

ULTROIL

For Sulphonated Castor Oil.
Claims use since Apr. 1, 1930.

Ser. No. 383,433. HOUSE OF FAIRFAX, Los Angeles, Calif. Filed Sept. 19, 1936.

HOUSE OF FAIRFAX

For Perfume, Toilet Water, Eau de Cologne, Face Cream, Foundation Cream, Tissue Cream, Cold Cream, Cleansing Cream, Rouge, Face Lotion, Face Powder, Body Powder, Lip Stick, Bath Salts, Bath Oil, Sunburn Cream, Suntan Cream, Talcum Powder, Sunburn Oil, Suntan Oil, Deodorant, Astringent, Rouge and Powder Compacts and Compact Refills.
Claims use since Aug. 7, 1936.

Ser. No. 383,488. THE SCHOLL MFG. CO., INC., Chicago, Ill. Filed Sept. 21, 1936.

DE LUXE

For Medicated Corn Pads.
Claims use since Jan. 10, 1934.

Ser. No. 383,633. JOHN HENRY MILLER, New York, N. Y. Filed Sept. 25, 1936.



For Preparation for the Treatment of the Throat.
Claims use since Sept. 2, 1936.

Ser. No. 383,708. THE AKALYN COMPANY, New Orleans, La. Filed Sept. 28, 1936.



No claim is made to the representation of a tablet.
For Medicinal Preparation for the Relief of Pain from Headaches, Neuralgia, and Inorganic Causes.
Claims use since Sept. 14, 1936.

Ser. No. 383,780. PITMAN-MOORE COMPANY, Indianapolis, Ind. Filed Sept. 29, 1936.

KAO-GALLATE

The word "Gollate" apart from the mark as shown is disclaimed.
For Liquid Colloidal Suspension for the Treatment of Intestinal Diseases.
Claims use since Sept. 5, 1936.

Ser. No. 384,195. COLGATE-PALMOLIVE-PEET COMPANY, Jersey City, N. J. Filed Oct. 10, 1936.

Paramú

For Face Powder.
Claims use since Apr. 9, 1936.

Ser. No. 384,205. FILTROL CORPORATION, Los Angeles, Calif. Filed Oct. 10, 1936.

SUPER FILTROL

For Chemically Treated Bentonite, Adapted for Use as a Decolorizing, Filtering, Purifying, and Adsorbing Medium.
Claims use since Apr. 30, 1936.

Ser. No. 384,213. HOUBIGANT, INC., New York, N. Y. Filed Oct. 10, 1936.

DEDICACE

For Perfumes, Toilet Water, Face Powder, Talcum Powder, Bath Salts, Brilliantine, Bandoline, Rouge, Lipsticks, Dusting Powder, Sachet, Cold Creams, Lotion for the Skin and Hair, Powder and Rouge Compacts, and Eau Vegetal.
Claims use since Oct. 6, 1936.

Ser. No. 384,333. S. PFEIFFER MANUFACTURING COMPANY, doing business as Virginia Chemical Co., St. Louis, Mo. Filed Oct. 14, 1936.

ALKACOF

For Medicinal Preparation for the Relief of Coughs Due to Colds and for Minor Bronchial Irritations.
Claims use since Aug. 15, 1936.

Ser. No. 384,366. THE BARRETT COMPANY, New York, N. Y. Filed Oct. 15, 1936.

SRO

For Oil Used in the Processing and Treatment of Rubber, Particularly in Reclaiming and Softening Rubber.
Claims use since October, 1929.

CLASS 8

Smokers' Articles, Not Including Tobacco Products

Ser. No. 377,291. EKSTRAND MFG. CO. INC., New York, N. Y. Filed Apr. 15, 1936.

Snuf-A-Rette

For Ash Trays, Ash Receivers, Cigar and Cigarette Rests, Cigar and Cigarette Extinguishers, and Cigar and Cigarette Holders.
Claims use since June 30, 1935.

Ser. No. 381,394. COMOLITE CORPORATION, Long Island City, N. Y. Filed July 25, 1936.

MelloBowl
BLENDED BRIAR

The words "Bowl" and "Blended Briar" are disclaimed apart from the mark shown.
For Blended Briar Smoking Pipes.
Claims use since Jan. 1, 1935.

CLASS 9

Explosives, Firearms, Equipments, and Projectiles

Ser. No. 385,122. HERCULES POWDER COMPANY, Wilmington, Del. Filed Nov. 4, 1936.

VIBROGEL

For High Explosive.
Claims use since Sept. 9, 1936.

CLASS 12

Construction Materials

Ser. No. 378,234. SAN ANTONIO PORTLAND CEMENT COMPANY, San Antonio, Tex. Filed May 8, 1936.



Applicant makes no claim to the red colored bag apart from the complete mark as shown.
For Portland Cement.
Claims use since Aug. 1, 1934.

Ser. No. 380,860. CERTAIN-TEED PRODUCTS CORPORATION, New York, N. Y. Filed July 10, 1936.



For Composition Wall Boards, Gypsum Wall Boards, and Gypsum Lath, and Fibre Wall Boards and Lath and the Like.
Claims use since Jan. 10, 1911.

Ser. No. 382,512. AARON GORDON, Berkeley, Calif. Filed Aug. 24, 1936.

CHEMONITE

For Lumber Treated with a Chemical Preparation as Protection Against Fire, Marine Borer, Termite, and Various Other Insects and Fungi.
Claims use since Apr. 1, 1936.

Ser. No. 383,256. THE PHILIP CAREY MANUFACTURING COMPANY, Lockland, Ohio. Filed Sept. 15, 1936.

606

For Thermal Insulating Cement.
Claims use since Apr. 4, 1932.

Ser. No. 384,487. WARREN VENEER AND PANEL COMPANY, Warren, Pa. Filed Oct. 17, 1936.

Rezo-Bond

For Plywood.
Claims use since Sept. 15, 1936.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 382,643. OSMUND L. WENDEROTH, Baltimore, Md. Filed Aug. 27, 1936.

HANDY-DANDY

For Cookie and Biscuit Baking Pans.
Claims use since Oct. 27, 1935.

Ser. No. 382,699. WALTER S. KRAUS, Woodside, N. Y. Filed Aug. 26, 1936.

WEEWEE

For Infants Toilet Training Seats.
Claims use since Jan. 1, 1936.

Ser. No. 384,204. MAC B. FEINSON, doing business as Bobrick Dispenser Co., New York, N. Y. Filed Oct. 10, 1936.

Lathurn

For Lather Soap Dispensers.
Claims use since Aug. 1, 1934.

Ser. No. 384,609. THE AMERICAN VALVE & METER COMPANY, Cincinnati, Ohio. Filed Oct. 21, 1936. Under 10-year proviso.

POAGE

For Railway Hydrant Water-Servicing Columns and Valves and Parts Therefor.
Claims use since 1879.

CLASS 15

Oils and Greases

Ser. No. 383,277. VALVOLINE OIL COMPANY, Cincinnati, Ohio, and New York, N. Y. Filed Sept. 15, 1936.

VALVULINA

For Lubricating Oils and Greases.
Claims use since Aug. 31, 1936.

Ser. No. 383,899. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Oct. 2, 1936.

GOLD CREST

The words "Guaranteed Quality" are disclaimed apart from the mark shown.
For Motor Lubricating Oil and Grease.
Claims use since Mar. 17, 1934.

Ser. No. 384,679. L. SONNEBORN SONS, INC., New York, N. Y. Filed Oct. 22, 1936.

PROTO

For Lubricating Oils.
Claims use since Jan. 22, 1927.

CLASS 16

Paints and Painters' Materials

Ser. No. 380,986. THE CON-FERRO PAINT AND VARNISH COMPANY, St. Louis, Mo. Filed July 14, 1936.



The colors black, yellow, and white are claimed as features of the mark. The representation of the label per se is disclaimed.
For Ready-Mixed Paints, Paint Enamels, and Varnishes.
Claims use since Feb. 26, 1936.

Ser. No. 384,293. KREBS PIGMENT & COLOR CORPORATION, Wilmington, Del. Filed Oct. 13, 1936.

TI-TINT

The word "Tint" apart from the mark as shown is disclaimed.
For Paint Pigments.
Claims use since July 22, 1935.

Ser. No. 384,659. HERESITE & CHEMICAL COMPANY, Manitowoc, Wis. Filed Oct. 22, 1936.

HERESITE

For Varnishes, Baking Enamels and Synthetic Resin.
Claims use since Dec. 17, 1935.

Ser. No. 384,837. AMERICAN ARTISTS' COLOR WORKS INC., Brooklyn, N. Y. Filed Oct. 27, 1936.

KCN CA-SE-IN

The word "Ca-se-in" apart from the mark as shown is disclaimed.
For Concentrated Paste Paint.
Claims use since Oct. 15, 1936.

CLASS 17

Tobacco Products

Ser. No. 377,584. LEAVITT AND PEIRCE, INCORPORATED, Cambridge, Mass. Filed Apr. 24, 1936.

CAKE BOX

COOL UNDER FIRE

The word "Cool" apart from the mark as shown is disclaimed.
For Cigarettes, Cigars, and Smoking Tobacco.
Claims use since Jan. 20, 1911.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 361,807. KNIGHTSTOWN FUNERAL CAR CO., INC., Knightstown, Ind. Filed Feb. 25, 1935.



For Bodies for Ambulances and Funeral Cars.
Claims use since Jan. 23, 1931.

Ser. No. 378,134. ELMA PRODUCTS COMPANY, Norwalk, Conn. Filed May 7, 1936.

ELMA

For Vehicular Accessories—Namely, Safety Reflecting Signal Lenses and Rear View Mirrors.
Claims use since Apr. 23, 1936.

Ser. No. 378,660. THE HUFFMAN MANUFACTURING COMPANY, Dayton, Ohio. Filed May 20, 1936.

AIRFLYTE

For Bicycles and Structural Parts Therefor.
Claims use since Apr. 20, 1936.

Ser. No. 382,813. SPRINGFIELD AUTO WORKS, Springfield, Mo. Filed Sept. 1, 1936.

The Travelodge

The word "Sturdy" is disclaimed apart from the mark.
For Trailers.
Claims use since March, 1935.

Ser. No. 384,071. CHRISTIANA MACHINE COMPANY, Christiana, Pa. Filed Oct. 7, 1936.

EMCALLOY

For Brake Drums.
Claims use since Dec. 17, 1935.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 370,437. UNITED SCIENTIFIC LABORATORIES, INC., New York, N. Y. Filed Oct. 16, 1935.

ElectroCall

The word "Call" apart from the mark shown is disclaimed.
For Inter-Office Radio Communicating Devices.
Claims use since Sept. 21, 1935.

Ser. No. 373,699. MAGNETIC BATTERY MFG. & EQUIP. CO., Detroit, Mich. Filed Jan. 15, 1936.

MAGNETIC

For Storage Batteries.
Claims use since September, 1935.

Ser. No. 384,277. WALKER-TURNER COMPANY, INC., Plainfield, N. J. Filed Oct. 12, 1936.

DRIVER

For Electric Motors and Electric Switches.
Claims use since September, 1935.

Ser. No. 384,625. PARR ELECTRIC EXPORT CORPORATION, Brooklyn, N. Y. Filed Oct. 21, 1936.

RAVENLITE

For Electrical Conduits.
Claims use since Oct. 10, 1936.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 385,073. SUPPLEE-BIDDLE HARDWARE CO., doing business as Crown Manufacturing Company, Philadelphia, Pa. Filed Nov. 2, 1936.

SPORT CHAMP

For Base Balls, Fielders' Gloves, Tennis Rackets, Golf Balls, Basket Balls, Foot Balls, and Soccer Balls.
Claims use upon Base Balls, Fielders' Gloves and Tennis Rackets since March 1, 1936; upon Golf Balls since May 1, 1936; and upon Basket Balls, Foot Balls and Soccer Balls since Sept. 1, 1936.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 378,693. FRANK R. FORD LIMITED, Small Heath, England. Filed May 21, 1936.

Fordigraph

For Duplicating, Manifolding, and Copying Apparatus Using a Copying Ink Carbon and Drawing Off Copies From the Carbon.
Claims use since Dec. 2, 1933.

Ser. No. 381,554. BURROUGHS ADDING MACHINE COMPANY, Detroit, Mich. Filed July 29, 1936. Under section 5b of the act of 1905 as amended in 1920.

Burroughs

For Typewriters Including Platen Twirlers, Rubber Feet, and Rubber Key Tops.
Claims use since Oct. 29, 1931.

Ser. No. 382,332. AIRFLOW BLADE COMPANY, Cleveland, Ohio. Filed Aug. 19, 1936.

AIRFLOW

For Razor Blades.
Claims use since July 20, 1936.

Ser. No. 382,508. THE FEDERAL RAZOR BLADE COMPANY, Newark, N. J. Filed Aug. 24, 1936.

Wm Penn

For Razor Blades.
Claims use since July 1, 1936.

Ser. No. 383,139. THE PYLE-NATIONAL COMPANY, Chicago, Ill. Filed Sept. 11, 1936.



For Locomotive Valve Gears, Reversing Gears, Locomotive Valves, Valve Rings, and Housing, and Steam Engine Valves, Gears, Reversing Gears, Housings, and Supports.
Claims use since Feb. 1, 1916.

Ser. No. 384,656. THE FEDERAL RAZOR BLADE COMPANY, Newark, N. J. Filed Oct. 22, 1936.

HUDSON

For Razor Blades.
Claims use since June 1, 1935.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 367,890. BURROUGHS ADDING MACHINE COMPANY, Detroit, Mich. Filed Aug. 1, 1935. Under section 5b of the act of 1905 as amended in 1920.

Burroughs

For Business Machines—Namely, Adding Machines, Listing Machines, Calculating Machines, Key Operated Calculators, Automatic Calculators, Bookkeeping Machines, Accounting Machines, Statistical Machines, Billing Machines, Typewriter Calculating Machines, Cash Machines, Cash Registers, and Parts for all of said Machines Including Platen Twirlers, Rubber Feet, and Rubber Key Tops.
Claims use since 1886.

Ser. No. 384,254. THE HAYS CORPORATION, Michigan City, Ind. Filed Oct. 12, 1936.

ORSATOMAT

For Gas Analyzers.
Claims use since Aug. 15, 1936.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 374,163. H. SEGAL, New York, N. Y. Filed Jan. 27, 1936.

A REGAL PRODUCT

The word "Product" is disclaimed apart from the mark as shown.
For Watch Chains, Watch Chain Findings, Watch Bracelets, and Earrings.
Claims use since January, 1930.

Ser. No. 382,934. TRABERT & HOEFFER INC., New York, N. Y. Filed Sept. 4, 1936.

STAR OF BOMBAY

For Diamonds and Precious Stones.
Claims use since Jan. 1, 1936.

CLASS 29

Brooms, Brushes, and Dusters

Ser. No. 384,270. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Oct. 12, 1936.

CHALLENGE

For House Cleaning Devices—Namely, Dust Mops, Oil Mops, Yacht Mops, Self-Wringing Mops, Mop Sticks, Mop Heads, Brooms, Floor Brushes, and Wall Dusters.
Claims use since Nov. 1, 1935.

CLASS 32

Furniture and Upholstery

Ser. No. 381,765. S. KARPEN & BROS., Chicago, Ill. Filed Aug. 3, 1936.

Snug Harbor

For Living Room, Dining Room, Bedroom, Kitchen, Porch, Terrace, and Lawn Chairs.
Claims use since June 27, 1936.

CLASS 33

Glassware

Ser. No. 384,376. FOURCO GLASS COMPANY, Clarksburg, W. Va. Filed Oct. 15, 1936.

Clearlite

EASY ON THE EYES

All words except applicant's name are disclaimed apart from the mark as shown.
For Sheet Glass, Flat Glass, and Case-Hardened Glass Sheets Known as Safety Glass.
Claims use since Dec. 1, 1935.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 377,390. THE GATES RUBBER COMPANY, Denver, Colo. Filed Apr. 20, 1936.

THEFTPROOF

For Garden Hose.
Claims use since Nov. 7, 1925.

Ser. No. 384,697. VICTOR BALATA & TEXTILE BELTING CO., Easton, Pa., and New York, N. Y. Filed Oct. 23, 1936.

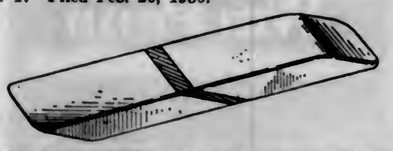
FOODTEX

For Balata and Cotton Belting.
Claims use since Jan. 9, 1936.

CLASS 37

Paper and Stationery

Ser. No. 375,061. THE ROSENTHAL COMPANY, New York, N. Y. Filed Feb. 20, 1936.



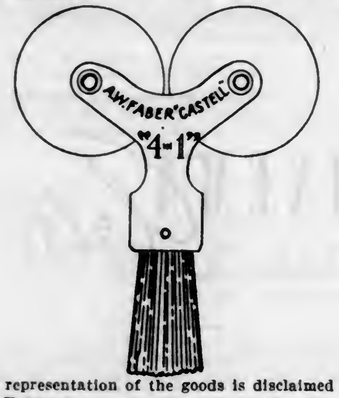
Trade-mark consists of a stripe of contrasting color extending medially around the eraser. No particular color is claimed. The representation of the goods is disclaimed.
For Rubber Erasers.
Claims use since Jan. 29, 1936.

Ser. No. 381,131. METERED CHECK SYSTEM, INCORPORATED, New York, N. Y. Filed July 17, 1936.

METERED CHECK SYSTEM

The words "Check" and "System" are disclaimed apart from the mark as shown.
For Check Books.
Claims use since July 7, 1936.

Ser. No. 382,209. A. W. FABER, INC., Newark, N. J. Filed Aug. 15, 1936.



The representation of the goods is disclaimed per se.
For Erasers.
Claims use since October, 1935.

Ser. No. 382,299. AMERICAN ART CLAY COMPANY, Indianapolis, Ind. Filed Aug. 18, 1936.

AMACO

For White and Colored Chalk and Oil Crayons.
Claims use since January, 1933.

Ser. No. 382,730. THE STEDMAN COMPANY, Beaumont, Tex. Filed Aug. 29, 1936.



The word "Series" is disclaimed apart from the mark shown.
For Writing Pads, Composition Books, Note Books for Stenographic and General Usage, Blank Music Notation Books, Spelling Tablets, Drawing Paper Tablets, Pencil Tablets, Practice Tablets, Writing Paper, and Loose Leaves for Loose Leaf Binders.
Claims use since Apr. 1, 1936.

Ser. No. 383,987. CONSOLIDATED WATER POWER & PAPER COMPANY, Wisconsin Rapids, Wis. Filed Oct. 5, 1936.

ROTAFILM

For Book Papers, Rotogravure and News Print Paper.
Claims use since Aug. 31, 1936.

Ser. No. 384,133. NORTHERN KRAFT ASSOCIATION, Chicago, Ill. Filed Oct. 8, 1936.



The words "Standard Northern Kraft a Specification Paper" are disclaimed apart from the mark.
For Rolls of Kraft Paper.
Claims use since Oct. 5, 1936.

Ser. No. 384,282. DANIELS MANUFACTURING COMPANY, Rhinelander, Wis. Filed Oct. 12, 1936.

SNACKS

For Paper Napkins and Doilies.
Claims use since Dec. 31, 1935.

CLASS 38

Prints and Publications

Ser. No. 379,300. THE HURON PRESS, INC., Chicago, Ill. Filed June 4, 1936.

Fotaff

By The HURON PRESS, Inc.

The words "By The" are disclaimed apart from the mark shown.
For Imitation Photographs.
Claims use since May 1, 1934.

Ser. No. 381,272. JACKMETER LABEL CORPORATION, New York, N. Y. Filed July 21, 1936.

NEW Process FABRIC LABELS

The words "New Process Fabric Labels" apart from the mark shown are disclaimed.
For Fabric Labels.
Claims use since May 1, 1931.

Ser. No. 383,091. GARDNER PUBLICATIONS, INC., Cincinnati, Ohio. Filed Sept. 10, 1936.

PRODUCTS finishing

For Magazine.
Claims use since Sept. 2, 1936.

Ser. No. 383,575. WARREN P. GOSHORN, doing business as The Voice of Astrology, Kansas City, Mo. Filed Sept. 24, 1936.

THE VOICE OF ASTROLOGY

For Astrological Chart.
Claims use since Sept. 16, 1936.

Ser. No. 383,833. WERTHER FRIEDMAN, New York, N. Y. Filed Sept. 30, 1936.

THE LINGERIE REVIEW

For Magazine Publication.
Claims use since Aug. 1, 1936.

Ser. No. 384,167. SUNSET OIL COMPANY, Los Angeles, Calif. Filed Oct. 9, 1936.

SUNSET 9 O'CLOCK NEWS

For Monthly Publication.
Claims use since June, 1936.

Ser. No. 384,202. EQUIPMENT NEWS, INC., Chicago, Ill. Filed Oct. 10, 1936.

SERVICE EQUIPMENT NEWS

Publication Published Monthly or From Time to Time.
Claims use since Oct. 2, 1936.

Ser. No. 384,581. CINEMA MAGAZINE INC., New York, N. Y. Filed Oct. 20, 1936.

CINEMA Arts

For Periodical Magazine.
Claims use since Aug. 1, 1936.

Ser. No. 384,592. SIDNEY FORRESTER MASHBIR, JR., Westwood, West Los Angeles, Calif. Filed Oct. 20, 1936.

MOVI-MANIA

For Column in a Printed Publication.
Claims use since Mar. 27, 1936.

Ser. No. 384,595. POPULAR MECHANICS COMPANY, Chicago, Ill. Filed Oct. 20, 1936.

SCIENCE REVIEW

For Periodical Published Monthly.
Claims use since Oct. 9, 1936.

Ser. No. 384,692. KIEHL & STEVENS, INC., Orlando, Fla. Filed Oct. 13, 1936.

BUILDING TECHNIQUE

For Periodical Magazine.
Claims use since May 10, 1936.

CLASS 39

Clothing

Ser. No. 356,282. CONSOLIDATED HAT STORES, LTD., Los Angeles, Calif. Filed Sept. 18, 1934.

STYLED IN HOLLYWOOD SUNLAN New York Hat Stores

The words "Styled in Hollywood" and "New York Hat Stores" are disclaimed except as shown.
For Men's and Boys' Socks, Dress Shirts, Work Shirts, Negligee Shirts, and Underclothing.
Claims use since Mar. 1, 1933.

Ser. No. 378,513. FRANK BARBER, New York, N. Y. Filed May 16, 1936.

TOWN-FIELD

IN TOWN——IN FIELD

For Ladies' and Men's Cloaks, Overcoats, Sweaters, Bathrobes, Bathing Suits, Underwear, Belts for Personal Wear; Hats and Caps, Collars, Cuffs, Neckties, Cravats, Mufflers, Dress Shirts, Negligee Shirts, Work Shirts, Blouses, Garters, Suspenders, Hosiery, Nightshirts, Nightgowns; and Gloves, Shoes, Slippers, and Overshoes Made of Leather, Fabric, or Combinations Thereof.
Claims use since November, 1935.

Ser. No. 379,986. BRANFLEET, Honolulu, Territory of Hawaii. Filed June 13, 1936.

THE KAHALA MADE IN HONOLULU

The words "Made in Honolulu" are disclaimed apart from the mark as shown.
For Women's Wear (One- and Two- and Three-Piece Bathing Suits, Slacks, Shirts, Pajamas, Lounging Pajamas, Lounging Robes, Beach Robes, Skirts, Play Suits, Lounging Suits, and Bandanas, of Silk, Wool, and Cotton in Plain and Figured Materials); Men's Wear (Bathing Trunks, Golf Shorts, Sport Shirts, Beach Robes and Lounging Robes of Silk, Wool, and Cotton in Plain and Figured Materials); Boys' Wear (Bathing Trunks and Sport Shirts of Silk, Wool, and Cotton in Plain and Figured Materials); and Infants' Wear (Three-Piece Play Suits of Silk, Wool, and Cotton in Plain and Figured Materials).
Claims use since Feb. 1, 1936.

Ser. No. 381,605. KITTY CAROL LINGERIE CO., San Antonio, Tex. Filed July 30, 1936.

Kitty-Carol

For Women's Clothing—Namely, Frocks, Lounging Pajamas, Negligees, Slips, Night Gowns, Bed Jackets, Panties, and Afternoon and Evening Gowns.
Claims use since July 1, 1936.

Ser. No. 383,221. THE PARIS COMPANY, Salt Lake City, Utah. Filed Sept. 14, 1936.

TOWN HALL

For Men's and Boys' Dress Shirts, Negligee Shirts, Work Shirts, and Undershirts, Pajamas, Sweaters, Hosiery, Lounging Robes, Dressing Robes, Bath Robes, and Beach Robes, Pants, Shoes of Leather, Rubber, or Fabric, and Combinations of These Materials, Hats and Caps, Underwear, Collars, Neckties, and Scarfs, Sportswear—Namely, Jackets and Leather Coats.
Claims use since August, 1934.

Ser. No. 383,236. L. STRAUSS & COMPANY, Indianapolis, Ind. Filed Sept. 14, 1936.

TOWN HALL L. STRAUSS AND CO. INDIANAPOLIS.

Applicant disclaims the word "Indianapolis" from the trade-mark.
For Women's Coats, Suits, Dresses, and Women's Jackets, Skirts, Sweaters, Blouses.
Claims use since Aug. 15, 1936.

Ser. No. 383,264. FRANKEL CLOTHING COMPANY, Des Moines, Iowa. Filed Sept. 15, 1936.

KERRYTOWN

For Men's and Boys' Clothing—Namely, Dress, Negligee, and Work Shirts, Neckties, Suspenders, Trouser Belts for Outer Wear, Handkerchiefs, Undershirts, Athletic Shorts and Under Shorts, Union Suits, Hosiery, Bath, Lounging and Beach Robes, Night Shirts, Pajamas, Leather and Rubber Shoes, Hats, Caps, Mufflers, Fabric and Leather Gloves, Jackets, Suits, Topcoats and Overcoats.
Claims use since Sept. 1, 1935.

Ser. No. 383,289. ARTHUR ADELMAN, doing business as Continental Undergarment Co., Brooklyn, N. Y. Filed Sept. 16, 1936.

Winter Scamp

For Ladies' Panties.
Claims use since July 15, 1936.

Ser. No. 384,009. NU-WAY SHOE CO. INC., New York, N. Y. Filed Oct. 5, 1936.

FASHION STEP

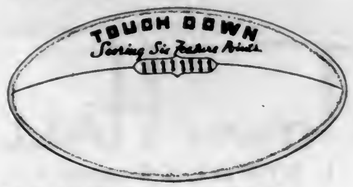
The word "Fashion" is disclaimed apart from the mark as shown.
For Women's and Children's Shoes Made of Leather, Fabric, and Combinations of Leather and Fabric.
Claims use since 1915.

Ser. No. 384,038. KATZ UNDERWEAR COMPANY, Honesdale, Pa. Filed Oct. 6, 1936.

PAN-L-EASE

For Women's Dresses, Gowns for Outer Wear, Skirts, Slips, and Underwear.
Claims use since Sept. 14, 1936.

Ser. No. 384,074. DUNRITE TROUSER COMPANY, New York, N. Y. Filed Oct. 7, 1936.



For Boys' Pants and Boys' Sport Jackets.
Claims use since Aug. 1, 1935.

Ser. No. 384,075. DUNRITE TROUSER COMPANY, New York, N. Y. Filed Oct. 7, 1936.

TWISTAROY

For Boys' Pants and Boys' Sport Jackets.
Claims use since Aug. 1, 1935.

Ser. No. 384,228. GERSON GOODMAN TUTELMAN COMPANY, Philadelphia, Pa. Filed Oct. 12, 1936.

Kentucky Gentleman

For Men's and Boys' Dress, Negligee, and Work Shirts.
Claims use since September, 1935.

Ser. No. 384,303. SEWELL MANUFACTURING COMPANY, Bremen, Ga. Filed Oct. 13, 1936.



The word "Clothes" apart from the mark shown is disclaimed. The drawing is lined for red.
For Clothing—Namely, Men's Suits.
Claims use since Jan. 1, 1934.

Ser. No. 384,367. BROWN DURRELL CO., Boston, Mass., and New York, N. Y. Filed Oct. 15, 1936.



The word "Tahiti" is disclaimed except as shown.
For Hosiery, Men's, Women's, and Children's Underwear, Bathing Suits, Beach Robes, Polo Shirts, Slacks, and Sweaters.
Claims use since Sept. 25, 1936.

Ser. No. 384,369. CANNON SHOE COMPANY, Baltimore, Md. Filed Oct. 15, 1936.



The words "Apparel Shop" apart from the mark as shown are disclaimed.
For Women's and Misses' Lingerie—Namely, Slips, Chemises, Dance Sets Comprised of Brassières and Panties, Night-Gowns, Pajamas, Panties, Half-Slips.
Claims use since Sept. 21, 1936.

Ser. No. 384,386. THE MAY DEPARTMENT STORES, New York, N. Y., Cleveland and Akron, Ohio, Baltimore, Md., St. Louis, Mo., Denver, Colo., and Los Angeles, Calif. Filed Oct. 15, 1936.

Lucien MODES

The word "Modes" is disclaimed except as shown.
For Women's and Misses' Dresses.
Claims use since Oct. 1, 1936.

Ser. No. 384,587. GIMBEL BROTHERS, INC., New York, N. Y. Filed Oct. 20, 1936.

Tornado Twist

The word "Twist" is disclaimed except as in the association shown.
For Women's Hosiery.
Claims use since Sept. 14, 1936.

Ser. No. 384,594. LOUIS MILLER, doing business as Louis Miller and Co., New York, N. Y. Filed Oct. 20, 1936.



For Men's Dress and Sport Shirts, Boys' Blouses, Men's Undershirts, and Men's Shorts.
Claims use since Oct. 19, 1933.

Ser. No. 384,719. RELIANCE MANUFACTURING COMPANY, doing business as The Sterling Company, Chicago, Ill. Filed Oct. 23, 1936.

Glenbury

For Ladies' Washable Dresses of Cotton and Rayon.
Claims use since Sept. 11, 1936.

Ser. No. 384,737. EAGLE CLOTHES, New York, N. Y. Filed Oct. 24, 1936.

PAHKAMA

For Topcoats and Overcoats for Men and Young Men.
Claims use since July 24, 1936.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 373,698. LORRAINE MANUFACTURING COMPANY, Pawtucket, R. I., and New York, N. Y. Filed Jan. 15, 1936. Under section 5b of the act of 1905 as amended in 1920.

GENUINE LORRAINE Tweedo-Krash

The word "Krash" is disclaimed apart from the mark shown.
For Textile Fabrics in the Piece of Cotton, Rayon, Silk, Wool, and/or Combinations Thereof.
Claims use since Sept. 16, 1935.

Ser. No. 373,739. LORRAINE MANUFACTURING COMPANY, Pawtucket, R. I., and New York, N. Y. Filed Jan. 16, 1936. Under section 5b of the act of 1905 as amended in 1920.

GENUINE LORRAINE SURF WHITE

The words "Surf White" are disclaimed apart from the mark.
For Textile Fabrics in the Piece of Cotton, Rayon, Silk, Wool, and/or Combinations Thereof.
Claims use since Sept. 16, 1935.

Ser. No. 377,051. LESEM BACH & CO. INCORPORATED, New York, N. Y. Filed Apr. 10, 1936.

SHAGGYSPUN

For Linen, Rayon, and Cotton Piece Goods, and Piece Goods Made of a Combination of Such Materials.
Claims use since Oct. 15, 1935.

Ser. No. 382,036. CAVENDISH TRADING CORPORATION, New York, N. Y. Filed Aug. 11, 1936.

Cavencraft



For Blankets, Sheeting, Comfortables, Linens, Table Cloths, Napkins, Mattress Pads and Covers, and Curtains.
Claims use since June 1, 1935.

Ser. No. 382,495. WILLIAM WILLHEIM COMPANY, INC., New York, N. Y. Filed Aug. 22, 1936.

Famous Artists Prints

The word "Prints" is disclaimed apart from the mark as shown.
For Silk, Cotton, and Rayon Piece Goods, and Combinations Thereof.
Claims use since Aug. 19, 1936.

Ser. No. 383,629. KENILWORTH MFG. CO., INC., New York, N. Y. Filed Sept. 25, 1936.

Winterfoe

For Piece Goods of Cotton, Wool, and Cotton and Wool.
Claims use since Sept. 2, 1936.

Ser. No. 383,669. AMERICAN WOOLEN COMPANY, New New York, N. Y. Filed Sept. 26, 1936.



For Woolen Goods—Namely, Piece Goods and Blankets.
Claims use since June 7, 1904.

Ser. No. 383,670. AMERICAN WOOLEN COMPANY, New York, N. Y. Filed Sept. 26, 1936.

American Woolen Company

The name "American Woolen Company" is disclaimed except as shown.

For Woolen Goods—Namely, Piece Goods and Blankets.

Claims use since June 7, 1904.

Ser. No. 384,217. PEPPERELL MANUFACTURING COMPANY, Boston, Mass. Filed Oct. 10, 1936.

TOP SPUN

The word "Spun" is disclaimed apart from the mark as shown.

For Textile Fabrics in the Piece of All Types and Styles, Made of Cotton, Silk, Rayon, Artificial Silk, or Mixtures of Cotton and Silk, Cotton and Rayon, or Cotton and Artificial Silk; Coverlets, Bed Spreads, Quilts, Comforter Covers and Puff Covers, Counterpanes, Mattress Ticking, Bed Sheets, and Pillow Cases Manufactured From Said Fabrics or any of Them; and Blankets Made of Wool or Mixtures of Cotton and Wool.

Claims use since Sept. 16, 1936.

Ser. No. 384,323. JULES L. FOREMAN, New York, N. Y. Filed Oct. 14, 1936.

[illegible] PRINTS

The word "Prints" is disclaimed except as shown.

For Piece Goods Consisting in Whole or in Part of Pure or Weighted Silk, Rayon, Synthetic Yarn, Cotton, or Wool.

Claims use since Oct. 9, 1936.

Ser. No. 384,324. JULES L. FOREMAN, New York, N. Y. Filed Oct. 14, 1936.

CHANTIVEL PRINTS

The word "Prints" is disclaimed except as shown.

For Piece Goods Consisting in Whole or in Part of Pure or Weighted Silk, Rayon, Synthetic Yarn, Cotton, or Wool.

Claims use since Oct. 9, 1936.

Ser. No. 384,325. JULES L. FOREMAN, New York, N. Y. Filed Oct. 14, 1936.

MELISANDE PRINTS

The word "Prints" is disclaimed except as shown.

For Piece Goods Consisting in Whole or in Part of Pure or Weighted Silk, Rayon, Synthetic Yarn, Cotton, or Wool.

Claims use since Oct. 9, 1936.

Ser. No. 384,346. WELLINGTON SEARS COMPANY, Boston, Mass. Filed Oct. 14, 1936.

DRILLART

For Cotton Piece Goods, Particularly Drill.

Claims use since June 4, 1936.

Ser. No. 384,380. LANGLEY FABRICS, INC., New York, N. Y. Filed Oct. 15, 1936.

THREE DIMENSION

For Piece Goods of Silk, Rayon, and Combinations Thereof.

Claims use since August, 1935.

Ser. No. 384,448. CARSON PIRIE SCOTT & COMPANY, Chicago, Ill. Filed Oct. 17, 1936.

Snowdown

For Sheets and Pillow Cases.

Claims use since Sept. 10, 1936.

CLASS 43

Thread and Yarn

Ser. No. 377,384. EASTYARN, INC., Brooklyn, N. Y. Filed Apr. 20, 1936.

PEASANT BEAD

The word "Bead" apart from the mark as shown is disclaimed.

For Yarns.

Claims use since Sept. 15, 1933.

Ser. No. 383,611. FREDERICK J. FAWCETT, Boston, Mass. Filed Sept. 23, 1936.

Lusterlin

For Yarns of High Lustre Made by Spinning Flax in Combination With Other Fibers.

Claims use since June, 1936.

Ser. No. 384,004. WALTER MCCOOK, Philadelphia, Pa. Filed Oct. 5, 1936.

UTILITY YARN

HAND KNITTING

The words "Yarn" and "Hand Knitting" are claimed only as shown.

For Hand Knitting Yarn.

Claims use since Sept. 22, 1932.

Ser. No. 384,580. CELANESE CORPORATION OF AMERICA, New York, N. Y. Filed Oct. 20, 1936.

HOUR-GLASS

For Yarns.

Claims use since Oct. 14, 1936.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 376,550. CARL J. SHAPIRO, New York, N. Y. Filed Mar. 28, 1936.

TINY+SAN

The word "Tiny" apart from the mark as shown is disclaimed.

For Sanitary Napkins.

Claims use since January, 1934.

Ser. No. 379,044. EDGAR GRAVES FLETCHER, Cincinnati, Ohio. Filed May 29, 1936.

Imperials

PRESCRIPTION BRAND

The words "Prescription Brand" are disclaimed apart from the mark as shown.

For Membraneous and Rubber Prophylactic Articles for the Prevention of Contagious Diseases.

Claims use since May 12, 1936.

Ser. No. 382,510. WILLIAM A. GILBERT, Milwaukee, Wis. Filed Aug. 24, 1936.

PREST-O-KURL

The word "Kurl" is disclaimed apart from the mark shown.

For Permanent Waving Pad.

Claims use since July 15, 1936.

Ser. No. 382,533. SIRIAN LAMP COMPANY, Newark, N. J. Filed Aug. 24, 1936.

SIRIAN

For Electrical Incandescent Lamps for Therapeutic Uses.

Claims use since July 15, 1932.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 375,638. FORT DODGE BOTTLING WORKS, INC., Fort Dodge, Iowa. Filed Mar. 6, 1936.

CHEERIO

For Non-Alcoholic, Non-Cereal, Maltless Beverages, Sold as Soft Drinks and Sirups and Extracts for Making the Same.

Claims use since July, 1934.

Ser. No. 384,164. THE PEQUOT SPRING WATER CO., Hartford, Conn. Filed Oct. 9, 1936.

PEQUOT

For Spring Water and Non-Alcoholic, Non-Cereal, Maltless Beverages, Sold as Soft Drinks and Sirups and Extracts for Making the Same.

Claims use since March, 1909.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 369,782. SCHERLIS & KATZ FISH CO., INC., Baltimore, Md. Filed Sept. 27, 1935.

TASTY BRAND APPETIZERS

No claim is made to any of the wording apart from the mark shown.

For Fish Products—Namely, Pickled Fish, Salted Fish, Cooked Fish, Smoked Fish, Cured Fish, and Fish Roe, Properly Cut and Packed in Either Jars or Packages.

Claims use since 1933.

Ser. No. 370,325. MACK HUSTON, doing business as Smokers Gum Company, Columbus, Ga., and Knoxville, Tenn. Filed Oct. 12, 1935.

Smokers

The word "Smokers" apart from the mark as shown is disclaimed.

For Chewing Gum.

Claims use since October, 1934.

Ser. No. 374,593. JIFF-E PRODUCTS COMPANY, Los Angeles, Calif. Filed Feb. 7, 1936.

Jiff-E

For Preparation for Making Fudge or Other Confections.
Claims use since Dec. 15, 1935.

Ser. No. 377,300. CHOCOLAT SUCHARD SOCIETE ANONYME, Neuchatel, Switzerland. Filed Apr. 17, 1936. Under section 5b of the act of 1905, as amended in 1920.

Suchard

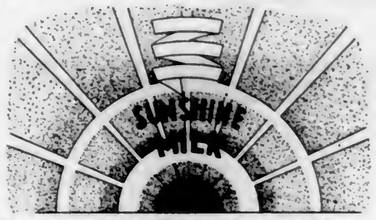
For Cocoa, Chocolate, Chocolate Candy, Chocolate Pudding Powder.
Claims use since February, 1936.

Ser. No. 378,210. LACTOL CORPORATION, San Francisco, Calif. Filed May 8, 1936.

RY-LAC

The word "Lac" is disclaimed apart from the mark shown.
For Specially Treated Skimmed Milk Preparation in Paste Form Used in Bread Making.
Claims use since Apr. 29, 1936.

Ser. No. 379,536. SUNSHINE FARMS, INC., New York, N. Y. Filed June 10, 1936.



The word "Milk" is disclaimed except as shown.
For Fresh Milk.
Claims use since May 15, 1925.

Ser. No. 381,883. NORMAN W. STEWART, doing business as Windsor Products Company, New York, N. Y. Filed Aug. 6, 1936.



For Worcestershire Sauce.
Claims use since 1881 for the word Windsor; since July 24, 1936 for the mark as shown.

Ser. No. 382,070. SUN HARBOR PACKING CORPORATION, San Diego, Calif. Filed Aug. 11, 1936.

Choice of the Sea

The words "Choice of the Sea" are disclaimed apart from the mark as shown. The drawing is lined for red.
For Canned Fish.
Claims use since July 15, 1935.

Ser. No. 382,647. THE HASBROT COMPANY, Cleveland, Ohio. Filed Aug. 27, 1936.

HASRT

For Canned Hawaiian Pineapple.
Claims use since June 5, 1936.

Ser. No. 383,085. CARBON PEANUT COMPANY, INC., doing business as Atkins Popcorn Company, Dallas and Carbon, Tex. Filed Sept. 10, 1936.



The word "Brand" is disclaimed apart from the mark.
For Peanuts and Popcorn in its Natural State.
Claims use since September, 1932.

Ser. No. 383,445. ROSENBERG BROTHERS, Medford, Oreg. Filed Sept. 19, 1936.

ROYAL RIVIERA

For Fresh Pears.
Claims use since Aug. 14, 1936.

Ser. No. 383,532. KAPLAN RICE MILL, INC., Kaplan, La. Filed Sept. 23, 1936.



The portrait is fictitious.
For Rice.
Claims use since Sept. 12, 1936.

Ser. No. 383,588. JOE LOWE CORPORATION, New York, N. Y. Filed Sept. 24, 1936.

SLEIGH BELLS

For Frozen Confections.
Claims use since Aug. 23, 1936.

Ser. No. 383,710. ALLIED MILLS, INC., Chicago, Ill. Filed Sept. 28, 1936.

17-COURSE DINNER

The word "Dinner" apart from the mark shown is disclaimed.
For Dog Food.
Claims use since Sept. 8, 1936.

Ser. No. 383,734. THE GREENCASTLE PACKING COMPANY, Greencastle, Pa. Filed Sept. 28, 1936.

GREN PAC

The word "PAC" apart from the mark shown is disclaimed.
For Canned Fruits, Canned Vegetables, Apple Sauce.
Claims use since June, 1934.

Ser. No. 383,742. JERSEY-CREME COMPANY, doing business as The Julep Company, Fort Worth, Tex. and Chicago, Ill. Filed Sept. 28, 1936.

Servette

For Imitation Vanilla Flavor for Foods, Worcestershire Sauce, Steak Sauce, Chop Suey Sauce, and Hot Sauce.
Claims use since Sept. 12, 1936.

Ser. No. 384,112. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Filed Oct. 8, 1936.

TOPS

For Crackers.
Claims use since Aug. 26, 1936.

Ser. No. 384,189. HELEN C. BUTTNER, doing business as The Kwality Kids, Twin Falls, Idaho. Filed Oct. 10, 1936.



THE KWALITY KIDS

For Potatoes and Onions.
Claims use since November, 1929.

Ser. No. 384,192. BURRY BISCUIT CORPORATION, Linden, N. J. Filed Oct. 10, 1936.

DICKENS
CHARACTER

For Crackers.
Claims use since July 7, 1936.

Ser. No. 384,364. AMERICAN STORES COMPANY, Philadelphia, Pa. Filed Oct. 15, 1936.



For Coffee.
Claims use since Sept. 21, 1936.

Ser. No. 385,000. HOUSTON PACKING COMPANY, Houston, Tex. Filed Oct. 31, 1936.

ZEP

For Dog Food.
Claims use since May 15, 1935.

Ser. No. 385,133. CUBAN HEALTH PRODUCTS, INC., Lansing, Mich. Filed Nov. 4, 1936.

EL AGUINALDO

For Cuban Honey.
Claims use since November, 1933.

CLASS 47

Wines

Ser. No. 376,843. G. & L. FLLI CORA, SOCIETE ANONYME, Levallois-Perret, France. Filed Apr. 6, 1936.







All wording except "G. & L. Flli Cora" and "Cora" is disclaimed. The facsimile signature is that of Mario Cora, officer of the applicant.
For Vermouth.
Claims use since May 1, 1934.

Ser. No. 382,872. HERMAN KRAUSS, INCORPORATED, Toledo, Ohio. Filed Sept. 3, 1936.



The portrait is fanciful. The representation of the goods is disclaimed apart from the mark as shown.
For Wines.
Claims use since Sept. 2, 1936.

Ser. No. 383,961. CARMELO TORNELLO, doing business as C. Tornello & Co., Youngstown, Ohio. Filed Oct. 3, 1936.

DON CARLOS

For Wines.
Claims use since Sept. 26, 1936.

Ser. No. 384,155. FREIDELL WINERY COMPANY, INC., Hammondsport, N. Y. Filed Oct. 9, 1936.

THE QUEEN OF THE VINE

GEORGIANA

For Wines.
Claims use since May 1, 1913.

CLASS 48

Malt Beverages and Liquors

Ser. No. 384,520. FRANK FEHR BREWING COMPANY, INCORPORATED, Louisville, Ky. Filed Oct. 19, 1936.



The word "Ale" is disclaimed apart from the mark shown.
For Ale.
Claims use since June 22, 1936.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 363,787. BENEDIKTINER-ABTEI ETTAL, Ettal, Germany. Filed Apr. 17, 1935.



For Liqueurs or Cordials.
Claims use since June 3, 1926.

Ser. No. 370,918. ELBY EXTRACT CO., INC., New York, N. Y. Filed Oct. 28, 1935.



The word "Bitters" is disclaimed. The drawing is lined for red.
For Alcoholic Bitters.
Claims use since Sept. 2, 1935.

Ser. No. 372,522. LOS ANGELES BREWING CO., Los Angeles, Calif. Filed Dec. 11, 1935.



The words "Old Maryland" are disclaimed apart from the mark as shown.
For Whiskey.
Claims use since Oct. 1, 1935.

Ser. No. 379,925. WEST INDIES RUM DISTILLERIES INC., Playa Ponce, P. R. Filed June 16, 1936.



No claim is made to any notations except "Lira" and applicant's name.
For Rum.
Claims use since Dec. 1, 1935.

Ser. No. 384,360. LYONS-MAGNUS, INCORPORATED, doing business as The E. G. Lyons and Raas Company, San Francisco, Calif. Filed Oct. 14, 1936.

BERNARDINE

For Distilled Alcoholic Cordials.
Claims use since 1892.

Ser. No. 384,501. THE BUCKINGHAM CORPORATION, Wilmington, Del., and New York, N. Y. Filed Oct. 19, 1936.

"A Gentleman's Drink"

The word "Drink" apart from the mark shown is disclaimed.
For Whiskey.
Claims use since Sept. 18, 1936.

Ser. No. 384,586. GIMBEL BROTHERS, INC., New York, N. Y. Filed Oct. 20, 1936.

PATIO

For Brandy.
Claims use since Mar. 10, 1935.

Ser. No. 384,601. SUCS. DE JOSÉ FERNÁNDEZ, S. EN C., San Juan, P. R. Filed Oct. 20, 1936.



Ron Palatino

BOTTLED BY
SUCS. DE JOSÉ FERNÁNDEZ
S. EN C.
SAN JUAN, P.R.



The words "Ron", "Bottled By", and "San Juan, P. R.", are disclaimed.
For Rum.
Claims use since Mar. 6, 1936.

Ser. No. 384,978. SILVER SWAN LIQUOR CORPORATION, San Francisco, Calif. Filed Oct. 30, 1936.

Ancient Vat

For Whiskey.
Claims use since June 22, 1935.

Ser. No. 385,057. OLDETYME DISTILLERS, INC., New York, N. Y. Filed Nov. 2, 1936.

Cedarhurst

For Dry Gin.
Claims use since Dec. 5, 1902.

Ser. No. 385,082. MARY E. BAIRD, Port Chester, N. Y. Filed Nov. 3, 1936.

BAIRD'S



For Distilled Gin.
Claims use since Oct. 13, 1936.

Ser. No. 385,111. SEAGER EVANS & CO. LIMITED, London, England. Filed Nov. 3, 1936.

GOLD BRAID

For Whisky.
Claims use since 1932.

Ser. No. 385,114. SIBONEY DISTILLING CORPORATION, Philadelphia, Pa. Filed Nov. 3, 1936.

M·F·H·



For Distilled Gin.
Claims use since Oct. 16, 1936.

Ser. No. 385,209. PHILIP BLUM & COMPANY, INC., Chicago, Ill. Filed Nov. 6, 1936.

Rumola

For Rum.
Claims use since Oct. 8, 1936.

CLASS 50

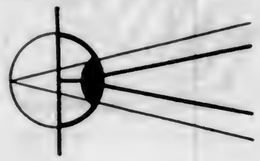
Merchandise Not Otherwise Classified

Ser. No. 381,924. ISADORE WARSHAW, Albany, N. Y. Filed Aug. 7, 1936.



The words "Mobile Billboards" are disclaimed apart from the mark shown.
For Non-Electrical Advertising Billboards.
Claims use since July 1, 1936.

Ser. No. 382,913. O. C. HAWKES, LTD., Birmingham, England. Filed Sept. 4, 1936.



HAWKSEYE

For Reflecting Road Markers, Road Signs, Mechanical Advertising Signs.
Claims use since Oct. 8, 1935.

Ser. No. 384,115. M. T. BIRD & CO., INCORPORATED, Boston, Mass. Filed Oct. 8, 1936.

Dri-Drink

For Fibrous Pulp Coasters.
Claims use since Sept. 20, 1936.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

DECEMBER 15, 1936

341,553. FABRICS IN THE PIECE OF WOOL, COTTON, SILK, RAYON, AND/OR COMBINATIONS THEREOF. FRED BUTTERFIELD & CO., INC., New York, N. Y.
Filed February 8, 1934. Serial No. 347,124. PUBLISHED APRIL 10, 1934. Class 42.

341,554. GRADING AND EARTH WORKING EQUIPMENT—NAMELY, AN EARTH SCRAPING, COLLECTING, AND TRANSPORTING IMPLEMENT. R. G. LE TOURNEAU INC., Stockton, Calif.
Filed Sept. 21, 1934. Serial No. 356,257. PUBLISHED OCTOBER 6, 1936. Class 23.

341,555. HAND OPERATED TOOLS—NAMELY, CUTTERS, LETTUCE CUTTERS, THISTLE, DOCK AND WEED CUTTERS, D-HANDLES FOR TOOLS, DRAGS, ETC. THE UNION FORK & HOE COMPANY, Columbus, Ohio.
Filed July 24, 1935. Serial No. 367,641. PUBLISHED OCTOBER 6, 1936. Class 23.

341,556. HAND OPERATED TOOLS—NAMELY, CUTTERS, WEED CUTTERS, D-HANDLES FOR TOOLS, DRAGS, MANURE DRAGS, POTATO DRAGS, ETC. THE UNION FORK & HOE COMPANY, Columbus, Ohio.
Filed July 24, 1935. Serial No. 367,645. PUBLISHED OCTOBER 6, 1936. Class 23.

341,557. HAND OPERATED TOOLS—NAMELY, AXES, CULTIVATORS, CUTTERS, LETTUCE CUTTERS, THISTLE DOCK, AND WEED CUTTERS, ETC. THE UNION FORK & HOE COMPANY, Columbus, Ohio.
Filed July 26, 1935. Serial No. 367,745. PUBLISHED OCTOBER 6, 1936. Class 23.

341,558. NONALCOHOLIC MALTLESS EXTRACTS AND CONCENTRATED FRUIT SYRUPS USED IN THE PREPARATION OF SOFT DRINKS, PARTICULARLY FOR LEMON BEVERAGE. J. F. LAZIER MANUFACTURING CO., INC., St. Louis, Mo.
Filed April 19, 1935. Serial No. 363,977. PUBLISHED MAY 28, 1935. Class 45.

341,559. DOG DISTEMPER PREPARATION. MILTON J. MONTERO, Luling, La.
Filed AUGUST 6, 1935. Serial No. 368,044. PUBLISHED OCTOBER 6, 1936. Class 6.

341,560. MEDICATED OINTMENT FOR SKIN ERUPTIONS, BURNS, CUTS, PILES, MILK CRUST, AND OTHER EXTERNAL USES. GEORGE R. RIDGLEY, doing business as Resulto Pharmacal Company, Washington, D. C.
Filed August 22, 1935. Serial No. 368,579. PUBLISHED OCTOBER 6, 1936. Class 6.

341,561. RADIO RECEIVING SETS OF THE TYPE EQUIPPED WITH CATHODE RAY TUBES FOR RESONANCE INDICATION AND ACCESSORIES AND PARTS THEREOF CONSISTING OF ELECTRON TUBES OF THE CATHODE RAY TYPE AND RESONANCE INDICATORS OF THE CATHODE RAY TUBE TYPE. RCA MANUFACTURING COMPANY, INC., Camden, N. J.
Filed August 23, 1935. Serial No. 368,635. PUBLISHED OCTOBER 6, 1936. Class 21.

341,562. BREAD. NATIONAL BAKING COMPANY, doing business as Omar Baking Co., Omaha, Nebr.
Filed September 19, 1935. Serial No. 369,500. PUBLISHED OCTOBER 6, 1936. Class 46.

341,563. COSMETICS, HAIR DRESSINGS, AND BEAUTY SHOP SUPPLIES—NAMELY, EYE LOTIONS, FACE LOTIONS, ETC. ALBERT RAIMON, INCORPORATED, Buffalo, N. Y.
Filed October 30, 1935. Serial No. 371,001. PUBLISHED SEPTEMBER 1, 1936. Class 6.

341,564. CHEMICAL PREPARATION FOR CLEANING, WASHING, POLISHING, STERILIZING AND DEODORIZING ARTIFICIAL DENTURES, THE SAID PREPARATON HAVING ANTISEPTIC AND GERMICIDAL PROPERTIES. WERNET DENTAL MFG. CO., INC., Brooklyn, N. Y.
Filed November 21, 1935. Serial No. 371,837. PUBLISHED MAY 26, 1936. Class 6.

341,565. WARM AIR FURNACES, STEAM BOILERS, HOT WATER BOILERS, COAL STOKERS, OIL BURNERS, DRAFT INDUCING BLOWERS, ELECTRIC, GAS, AND GASOLINE BURNING WATER HEATERS, KEROSENE BURNING WATER HEATERS, AND UNIT HEATERS AND HUMIDIFIERS. SEARS, ROEBUCK AND CO., doing business as American Heating Co., Chicago, Ill.
Filed January 28, 1936. Serial No. 374,212. PUBLISHED OCTOBER 6, 1936. Class 34.

341,566. BASE METAL COOKING HOLLOW WARE. THE WAGNER MANUFACTURING COMPANY, Sidney, Ohio.
Filed January 29, 1936. Serial No. 374,261. PUBLISHED OCTOBER 6, 1936. Class 13.

341,567. PREPARED AND BARBECUED SPARERIBS. HENRY J. HIRSCHENFELD, doing business as The Hick'ry Pit, Oakland, Calif.
Filed March 23, 1936. Serial No. 376,277. PUBLISHED OCTOBER 6, 1936. Class 46.

341,568. BASKET CRIBS. BURLINGTON BASKET COMPANY, Burlington, Iowa.
Filed April 6, 1936. Serial No. 376,832. PUBLISHED JUNE 2, 1936. Class 32.

341,569. PERIODICALLY ISSUED PUBLICATIONS AND SECTIONS OF NEWSPAPER AND MAGAZINE PUBLICATIONS. JOHN B. STETSON COMPANY, Philadelphia, Pa.
Filed April 6, 1936. Serial No. 376,873. PUBLISHED OCTOBER 6, 1936. Class 38.

341,570. GAS CIRCULATING SPACE HEATERS AND AIR CONDITIONERS. THE CLEVELAND COOPERATIVE STOVE COMPANY, Cleveland, Ohio.
Filed April 8, 1936. Serial No. 376,944. PUBLISHED OCTOBER 6, 1936. Class 34.

341,571. CARTOONS OR COMIC STRIPS PUBLISHED IN ITS DAILY NEWSPAPER, THE SAN FRANCISCO CALL-BULLETIN. HEARST PUBLICATIONS, INCORPORATED, San Francisco, Calif.
Filed April 28, 1936. Serial No. 377,658. PUBLISHED SEPTEMBER 29, 1936. Class 38.

341,572. AIR CONDITIONING AND DRYING, VENTILATING, HEATING, COOLING, HUMIDIFYING, AND DEHUMIDIFYING APPARATUS AND SYSTEMS, UNIT AIR CONDITIONERS, AND AIR WASHERS, DUCTS, OUTLETS, DOORS, FANS, EJECTOR HEATERS, POT STRAINERS, AND CONTROL DEVICES AND PANELS THEREFOR. CARRIER ENGINEERING CORPORATION, Newark, N. J.
Filed April 29, 1936. Serial No. 377,769. PUBLISHED OCTOBER 6, 1936. Class 34.

341,573. OIL COMPOUND WHICH IS A PHARMACEUTICAL PREPARATION, CONSISTING OF AN OIL BATH PREPARATION HAVING THE PROPERTIES OF INDUCING SWEATING AND ACCELERATING CIRCULATION. WILMER L. GORDON, Cleveland, Ohio, assignor to Eleanor Gordon, Cleveland, Ohio.
Filed April 29, 1936. Serial No. 377,816. PUBLISHED OCTOBER 6, 1936. Class 6.

341,574. PREPARATION FOR FEMININE HYGIENE. PECK & STERBA, INCORPORATED, New York, N. Y.
Filed May 4, 1936. Serial No. 377,996. PUBLISHED OCTOBER 6, 1936. Class 6.

341,575. SATIN PIECE GOODS MADE OF SILK. SUPERIOR PETTICOAT COMPANY, New York, N. Y.
Filed May 12, 1936. Serial No. 378,378. PUBLISHED OCTOBER 6, 1936. Class 42.

341,576. METAL POLISH. JAMES KANTHE, doing business as Septo Products Company, Detroit, Mich.
Filed May 23, 1936. Serial No. 378,790. PUBLISHED OCTOBER 6, 1936. Class 4.

341,577. KEY RINGS. AMERICAN AUTOMOBILE ASSOCIATION, INCORPORATED, Washington, D. C.
Filed August 10, 1936. Serial No. 382,021. PUBLISHED OCTOBER 6, 1936. Class 13.

341,578. TIRE COVERS. AMERICAN AUTOMOBILE ASSOCIATION, INCORPORATED, Washington, D. C.
Filed August 10, 1936. Serial No. 382,030. PUBLISHED OCTOBER 6, 1936. Class 35.

341,579. PREPARATIONS FOR THE REMOVAL OF SUPERFLUOUS HAIR. BONWIT TELLER, INC., New York, N. Y.
Filed August 11, 1936. Serial No. 382,034. PUBLISHED OCTOBER 6, 1936. Class 6.

341,580. MOULDS FOR CASTING RUBBER SOLES. RUBBER-GEL PRODUCTS CORPORATION, North Quincy, Mass.
Filed August 11, 1936. Serial No. 382,063. PUBLISHED OCTOBER 6, 1936. Class 23.

341,581. RUBBER TUBING AND HOSE. RUBBER-GEL PRODUCTS CORPORATION, North Quincy, Mass.
Filed August 11, 1936. Serial No. 382,064. PUBLISHED OCTOBER 6, 1936. Class 35.

341,582. MEDICINAL PREPARATION FOR CONDITIONS ASSOCIATED WITH EXHAUSTION OF THE CARDIAC MUSCLE, PRIMARILY IN CASES OF AURICULAR FIBRILLATION. SCHERING CORPORATION, Bloomfield, N. J.
Filed August 11, 1936. Serial No. 382,067. PUBLISHED OCTOBER 6, 1936. Class 6.

341,583. GRINDING WHEELS. SHERBOLITE CO., Miami, Fla.
Filed August 11, 1936. Serial No. 382,068. PUBLISHED OCTOBER 6, 1936. Class 4.

341,584. COMBINATION ICE-CREAM SODA AND SUNDAE GLASS. SIREN MILLS CORPORATION, Chicago, Ill.
Filed August 12, 1936. Serial No. 382,077. PUBLISHED OCTOBER 6, 1936. Class 33.

341,585. WHISKEY. NATIONAL DISTILLERS PRODUCTS CORPORATION, New York, N. Y.
Filed August 14, 1936. Serial No. 382,162. PUBLISHED OCTOBER 6, 1936. Class 49.

341,586. WINES. CALIFORNIA GRAPE PRODUCTS COMPANY, LTD., San Francisco, Calif., and New York, N. Y.
Filed August 15, 1936. Serial No. 382,202. PUBLISHED OCTOBER 6, 1936. Class 47.

341,587. LADIES' POCKETBOOKS. MORRIS, MANN & REILLY, INC., Chicago, Ill.
Filed August 15, 1936. Serial No. 382,228. PUBLISHED OCTOBER 6, 1936. Class 3.

341,588. WINES. SCATENA BROS. WINE CO., Healdsburg, Calif.
Filed August 15, 1936. Serial No. 382,244. PUBLISHED OCTOBER 6, 1936. Class 47.

341,589. WIRE-DRAWING MACHINES AND PARTS THEREOF AND ACCESSORIES THEREFOR. THE VAUGHN MACHINERY COMPANY, Cuyahoga Falls, Ohio.
Filed August 15, 1936. Serial No. 382,250. PUBLISHED OCTOBER 6, 1936. Class 23.

341,590. BEER. WESTERN STATES GROCERY COMPANY, Oakland, Calif.
Filed August 15, 1936. Serial No. 382,254. PUBLISHED OCTOBER 6, 1936. Class 48.

341,591. WINE. PRIMO PINCIN, doing business as Primo Vintage Co., Los Angeles, Calif.
Filed August 17, 1936. Serial No. 382,258. PUBLISHED OCTOBER 6, 1936. Class 47.

341,592. HANDBAGS. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed August 17, 1936. Serial No. 382,289. PUBLISHED OCTOBER 6, 1936. Class 3.

341,593. PURSES, POCKETBOOKS, HANDBAGS, EVENING BAGS, NOVELTY BAGS, VANITY BAGS, AND SHOPPING BAGS. WM. C. RATH CO., INC., New York, N. Y.
Filed August 18, 1936. Serial No. 382,321. PUBLISHED OCTOBER 6, 1936. Class 3.

341,594. PIECE GOODS MADE WHOLLY OR PARTIALLY OF CELLULOSE DERIVATIVES. CELANESE CORPORATION OF AMERICA, New York, N. Y.
Filed August 19, 1936. Serial No. 382,340. PUBLISHED OCTOBER 6, 1936. Class 42.

341,595. DISTILLED ALCOHOLIC LIQUORS AND MORE PARTICULARLY GIN. FLORIDA CANE PRODUCTS CORPORATION, Miami, Fla.
Filed August 27, 1936. Serial No. 382,626. PUBLISHED OCTOBER 6, 1936. Class 49.

341,596. WHISKEY. POPPER-MORSON CO., INC., Jersey City, N. J.
Filed August 22, 1936. Serial No. 382,646. PUBLISHED OCTOBER 6, 1936. Class 49.

341,597. WHISKEY, GIN, AND CORDIALS. PARAMOUNT DISTILLING CORPORATION, Chicago, Ill.
Filed August 28, 1936. Serial No. 382,674. PUBLISHED OCTOBER 6, 1936. Class 49.

341,598. WHISKEY. HIRAM WALKER & SONS INC., Peoria, Ill.
Filed August 28, 1936. Serial No. 382,684. PUBLISHED OCTOBER 6, 1936. Class 49.

341,599. WHISKEY. HIRAM WALKER & SONS INC., Peoria, Ill.
Filed August 28, 1936. Serial No. 382,685. PUBLISHED OCTOBER 6, 1936. Class 49.

341,600. WHISKEY. HIRAM WALKER & SONS INC., Peoria, Ill.
Filed August 28, 1936. Serial No. 382,686. PUBLISHED OCTOBER 6, 1936. Class 49.

341,601. WHISKEY. HIRAM WALKER & SONS INC., Peoria, Ill.
Filed August 28, 1936. Serial No. 382,687. PUBLISHED OCTOBER 6, 1936. Class 49.

341,602. WHISKEY. HIRAM WALKER & SONS INC., Peoria, Ill.
Filed August 28, 1936. Serial No. 382,688. PUBLISHED OCTOBER 6, 1936. Class 49.

341,603. WHISKEY, GIN, RUM, BRANDY, AND ALCOHOLIC CORDIALS. T. J. PENDERGAST WHOLESALE LIQUOR CO., Kansas City, Mo.
Filed September 2, 1936. Serial No. 382,839. PUBLISHED OCTOBER 6, 1936. Class 49.

341,604. TOOTH POWDER. POLYDENT COMPANY, Chicago, Ill.
Filed June 6, 1936. Serial No. 379,399. PUBLISHED AUGUST 4, 1936. Class 6.

341,605. FRESH CITRUS FRUIT. CULBERTSON LEMON ASSN., Saticoy, Calif.
Filed June 10, 1936. Serial No. 379,511. PUBLISHED OCTOBER 6, 1936. Class 46.

341,606. ARTIFICIAL FLOWERS. PAUL LONGERI, New York, N. Y.
Filed June 10, 1936. Serial No. 379,526. PUBLISHED SEPTEMBER 29, 1936. Class 40.

341,607. PRINTED GREETING CARDS PRINTED PARTLY IN COMBUSTIBLE INK OF LOW INVISIBILITY. WILLIAM E. NEASHAM, St. George, N. Y.
Filed June 15, 1936. Serial No. 379,757. PUBLISHED SEPTEMBER 29, 1936. Class 38.

341,608. WINES. SCHENLEY IMPORT CORPORATION, New York, N. Y.
Filed June 15, 1936. Serial No. 379,767. PUBLISHED SEPTEMBER 15, 1936. Class 47.

341,609. COFFEE. LATOURAINE COFFEE CO., Boston, Mass.
Filed June 26, 1936. Serial No. 380,177. PUBLISHED OCTOBER 6, 1936. Class 46.

341,610. CANNED MUSHROOM SAUCE, CREAM OF MUSHROOM SOUP, SLICED CANNED MUSHROOMS, FRESH MUSHROOMS, CANNED FRUITS, AND CANNED VEGETABLES. K-B PRODUCTS CORP., Coxsackie, N. Y.
Filed June 26, 1936. Serial No. 380,286. PUBLISHED OCTOBER 6, 1936. Class 46.

341,611. SERIES OF CARTOONS. EDGAR WHEELAN, New York, N. Y.
Filed June 29, 1936. Serial No. 380,427. PUBLISHED OCTOBER 6, 1936. Class 38.

341,612. BACON, HAM, AND PICNIC. THE E. KAHN'S SONS COMPANY, Cincinnati, Ohio.
Filed July 1, 1936. Serial No. 380,478. PUBLISHED OCTOBER 6, 1936. Class 46.

341,613. COLUMN FOR ARTICLES OR WRITINGS PUBLISHED IN ITS DAILY NEWSPAPER, THE SAN FRANCISCO EXAMINER. EXAMINER PRINTING COMPANY, San Francisco, Calif.
Filed July 1, 1936. Serial No. 380,488. PUBLISHED OCTOBER 6, 1936. Class 38.

341,614. DETERGENTS FOR WASHING BOTTLES HAVING DECIDED BACTERICIDAL PROPERTIES. PENNSYLVANIA SALT MANUFACTURING COMPANY, Philadelphia, Pa.
Filed July 2, 1936. Serial No. 380,526. PUBLISHED OCTOBER 6, 1936. Class 4.

341,615. AUTOMOBILE CLEANER. BÄLAB, LTD., San Francisco, Calif.
Filed July 3, 1936. Serial No. 380,542. PUBLISHED OCTOBER 6, 1936. Class 4.

341,616. BEER. BERLINER SCHLOSSBRAUEREI AKTIENGESELLSCHAFT, Schoeneberg, near Berlin, Germany.
Filed July 8, 1936. Serial No. 380,749. PUBLISHED OCTOBER 6, 1936. Class 48.

341,617. PUBLICATION PUBLISHED MONTHLY OR FROM TIME TO TIME. SUPPLY PUBLISHING CO., INC., Cleveland, Ohio.
Filed July 10, 1936. Serial No. 380,890. PUBLISHED SEPTEMBER 29, 1936. Class 38.

341,618. PIECE GOODS OF COTTON, RAYON, ORGANDIE, LINEN, LAWN, AND LACES, EMBROIDERIES IN THE PIECE, FILET LACE TABLECLOTHS, SCARVES, DOILIES, AND BEDSPREADS. ABE STERN, doing business as S. & A. Stern, New York, N. Y.
Filed July 11, 1936. Serial No. 380,930. PUBLISHED OCTOBER 6, 1936. Class 42.

341,619. WOOLLEN BLANKETS NOT IN THE PIECE. THOMAS RATCLIFFE & COMPANY, LIMITED, Mytholmroyd, Yorkshire, England.
Filed July 14, 1936. Serial No. 381,006. PUBLISHED OCTOBER 6, 1936. Class 42.

341,620. PERIODICAL. STANLEY W. PORTER, Elgin, Ill.
Filed July 20, 1936. Serial No. 381,217. PUBLISHED OCTOBER 6, 1936. Class 38.

341,621. TEA AND COFFEE. THE WEST INDIAN PRODUCE ASSOCIATION, LIMITED, London, England.
Filed July 20, 1936. Serial No. 381,242. PUBLISHED OCTOBER 6, 1936. Class 46.

341,622. BOOKS PUBLISHED AT IRREGULAR INTERVALS. BASIC BOOKS, INC., New York, N. Y.
Filed July 21, 1936. Serial No. 381,255. PUBLISHED SEPTEMBER 29, 1936. Class 38.

341,623. MEN'S OUTER SHIRTS. R. H. MACY & CO., INC., New York, N. Y.
Filed July 21, 1936. Serial No. 381,277. PUBLISHED SEPTEMBER 29, 1936. Class 39.

341,624. BANDEAUS, UNDERWEAR FOR MEN, WOMEN, AND CHILDREN, PANTIES, PAJAMAS, NIGHTGOWNS, GIRDLES, SLIPS, AND A COMBINATION GARMENT CONSISTING OF A BANDEAU AND PANTY. VANITY FAIR SILK MILLS, Reading, Pa.
Filed July 21, 1936. Serial No. 381,302. PUBLISHED SEPTEMBER 29, 1936. Class 39.

341,625. LIQUID INSECT EXTERMINATOR—NAMELY, AN INSECTICIDE. JOHN A. MYERS, Philadelphia, Pa.
Filed July 25, 1936. Serial No. 381,395. PUBLISHED OCTOBER 6, 1936. Class 6.

341,626. SKIN LOTIONS. CHARLES L. PAGE, doing business as Palmilla Co., St. Paul, Minn.
Filed July 24, 1936. Serial No. 381,420. PUBLISHED OCTOBER 6, 1936. Class 6.

341,627. ALE. HAFFENREFFER & CO., INC., Boston, Mass.
Filed July 28, 1936. Serial No. 381,530. PUBLISHED OCTOBER 6, 1936. Class 48.

341,628. NON-PRECIOUS METAL BUTTONS. THE PATENT BUTTON COMPANY, Waterbury, Conn.
Filed July 28, 1936. Serial No. 381,537. PUBLISHED SEPTEMBER 29, 1936. Class 40.

341,629. HAND-OPERATED FANS MADE OF PAPER. GETTIER-MONTANYE, INC., Baltimore, Md.
Filed July 30, 1936. Serial No. 381,613. PUBLISHED SEPTEMBER 29, 1936. Class 40.

341,630. COMPLETE HEATING AND AIR CONDITIONING, HUMIDIFYING, AND COOLING UNITS; HOT AIR FURNACES, ETC. HALL-NEAL FURNACE COMPANY, Indianapolis, Ind.
Filed July 31, 1936. Serial No. 381,670. PUBLISHED OCTOBER 6, 1936. Class 34.

341,631. ETHYL ALCOHOL, PURE COMMERCIAL ETHYL ALCOHOL, ANHYDROUS ETHYL ALCOHOL, GRAIN ALCOHOL, PURE COMMERCIAL GRAIN ALCOHOL, AND ANHYDROUS GRAIN ALCOHOL. ALLIED INDUSTRIAL ALCOHOL CORPORATION, New York, N. Y.
Filed August 1, 1936. Serial No. 381,703. PUBLISHED OCTOBER 6, 1936. Class 49.

341,632. NONALCOHOLIC MALTLESS CARBONATED BEVERAGE SOLD AS A SOFT DRINK. AMERICA DRY GINGER ALE COMPANY, Montreal, Quebec, Canada.
Filed August 1, 1936. Serial No. 381,704. PUBLISHED SEPTEMBER 22, 1936. Class 45.

341,633. NONALCOHOLIC MALTLESS CARBONATED BEVERAGE SOLD AS A SOFT DRINK. AMERICA DRY GINGER ALE COMPANY, Montreal, Quebec, Canada.
Filed August 1, 1936. Serial No. 381,705. PUBLISHED OCTOBER 6, 1936. Class 45.

341,634. PUBLICATION ISSUED WEEKLY. EDUCATIONAL SERVICE BUREAU, Chicago, Ill.
Filed August 1, 1936. Serial No. 381,713. PUBLISHED SEPTEMBER 29, 1936. Class 38.

341,635. HAIR NETS. THE GLEMBY COMPANY, INC., New York, N. Y.
Filed August 1, 1936. Serial No. 381,716. PUBLISHED OCTOBER 6, 1936. Class 42.

341,636. WOVEN PIECE GOODS OF COTTON AND COTTON MIXTURES, EXCLUSIVE OF LINING FABRICS. PEPPERELL MANUFACTURING COMPANY, Boston, Mass.
Filed August 1, 1936. Serial No. 381,726. PUBLISHED OCTOBER 6, 1936. Class 42.

341,637. ALE. ARIZONA BREWING COMPANY, Phoenix, Ariz.
Filed August 3, 1936. Serial No. 381,747. PUBLISHED OCTOBER 6, 1936. Class 48.

341,638. HAIR REMOVING PAD. EDWARD A. HOCHBAUM, doing business as Hair-Away Products Co., Chicago, Ill.
Filed August 3, 1936. Serial No. 381,762. PUBLISHED OCTOBER 6, 1936. Class 44.

341,639. OIL BURNING HEATERS. AMERICAN GAS MACHINE COMPANY, Albert Lea, Minn.
Filed August 5, 1936. Serial No. 381,832. PUBLISHED OCTOBER 6, 1936. Class 34.

341,640. DEHYDRATED CRANBERRIES. A. D. MAKEPEACE COMPANY, Wareham, Mass.
Filed August 6, 1936. Serial No. 381,870. PUBLISHED OCTOBER 6, 1936. Class 46.

341,641. MALT BEVERAGE HAVING THE LEGAL ALCOHOLIC CONTENT. C. SCHMIDT & SONS, INCORPORATED, Philadelphia, Pa.
Filed August 6, 1936. Serial No. 381,880. PUBLISHED OCTOBER 6, 1936. Class 48.

341,642. SOAP. Bostonia Products Co., Boston, Mass.
Filed August 7, 1936. Serial No. 381,902. PUBLISHED OCTOBER 6, 1936. Class 4.

341,643. WATCH CRYSTALS. B. B. CRYSTAL CO., INC., New York, N. Y.
Filed August 8, 1936. Serial No. 381,934. PUBLISHED OCTOBER 6, 1936. Class 33.

341,644. SOAP AND SOAP CHIPS. KIRKMAN & SON, INC., Brooklyn, N. Y.
Filed August 8, 1936. Serial No. 381,945. PUBLISHED OCTOBER 6, 1936. Class 4.

341,645. WHISKEY. SILVER SWAN LIQUOR CORPORATION, San Francisco, Calif.
Filed August 8, 1936. Serial No. 381,951. PUBLISHED OCTOBER 6, 1936. Class 49.

341,646. FERTILIZER. D. A. BEAM FERTILIZER COMPANY, Shelby, N. C.
Filed August 10, 1936. Serial No. 381,958. PUBLISHED OCTOBER 6, 1936. Class 10.

341,647. TEXT BOOKS. BARNES & NOBLE INCORPORATED, New York, N. Y.
Filed June 17, 1936. Serial No. 379,862. PUBLISHED OCTOBER 13, 1936. Class 38.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

341,648. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOSEPH HEINZKILL, Appleton, Wis. Filed Feb. 24, 1936. Serial No. 375,146.

PETAL
PERFUMERS

For Perfumes and Aromatic Chemicals.
Claims use since Oct. 1, 1935.

341,649. (CLASS 6. CHEMICALS, MEDICINES AND PHARMACEUTICAL PREPARATIONS.) W. GEO. CORPUS, Detroit, Mich. Filed Mar. 6, 1936. Serial No. 375,635.

EVERKLEEN

For Hygienic Powder.
Claims use since August, 1931.

341,650. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) PRO-PHY-LAC-TIC BRUSH COMPANY, Northampton, Mass. Filed Mar. 10, 1936. Serial No. 375,813.

PRACTICAL

For Tooth Brushes.
Claims use since Oct. 10, 1902.

341,651. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) PRO-PHY-LAC-TIC BRUSH COMPANY, Northampton, Mass. Filed Apr. 7, 1936. Serial No. 376,914.

LA SELECTA

For Tooth Brushes.
Claims use since Dec. 21, 1923.

341,652. (CLASS 8. SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.) HARRY D. EDWARDS, doing business as Safe-T-Products Company, Los Angeles, Calif. Filed Apr. 1, 1936. Serial No. 376,667.

SAFE-T-DIP

For Cigarette and Cigar Extinguisher.
Claims use since Oct. 1, 1935.

341,653. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) SANITARY PLUMBING & HEATING CORP., Newark, N. J. Filed Apr. 2, 1936. Serial No. 376,737.

SERVICE EFFICIENCY
SANITARY
PLUMBING & HEATING
CORP.
EXPERIENCE QUALITY

For Toilet Tanks, Toilet Bowls, Sink Faucets, Basin Faucets, Bath Faucets, Sinks, Bath Tubs, Lavatories.
Claims use since Dec. 1, 1934.

341,654. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE STEEL PRODUCTS COMPANY, INC., Savannah, Ga. Filed Feb. 11, 1936. Serial No. 374,735.

WELD-BILT

For Bodies for Trucks and Trailers.
Claims use since June, 1934.

341,655. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FELLSMERE SUGAR COMPANY, Fellsmere, Fla. Filed Nov. 14, 1935. Serial No. 371,531.

FLORIDA CRYSTALS

For Sugar.
Claims use since Oct. 23, 1935.

341,656. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) NATIONAL MALLEABLE AND STEEL CASTINGS COMPANY, Cleveland, Ohio. Filed Oct. 29, 1935. Serial No. 370,960.

COILEAF

For Railway Trucks and Side Frames.
Claims use since September, 1933.

341,657. (CLASS 37. PAPER AND STATIONERY.) INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill. Filed Oct. 25, 1935. Serial No. 370,804.

Somerset

For Absorbent Face Cleansing Sheets Made of Paper.
Claims use since Oct. 4, 1935.

341,658. (CLASS 37. PAPER AND STATIONERY.) STRATHMORE PAPER COMPANY, West Springfield, Mass. Filed July 31, 1935. Serial No. 367,876.

STRATHMORE
Olde Laid

For Writing and Printing Paper.
Claims use since June 20, 1935.

341,659. (CLASS 12. CONSTRUCTION MATERIALS.) MACKLANBURG-DUNCAN COMPANY, Oklahoma City, Okla. Filed July 3, 1935. Serial No. 366,953.

Nu-CALK

For Calking Compound and Glazing.
Claims use since May 28, 1935.

341,660. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CINCINNATI CAKE & SPECIALTY COMPANY, Cincinnati, Ohio. Filed May 6, 1935. Serial No. 364,571.

Shur-Good

For Crackers, Cakes, Cookies, and Pretzels.
Claims use since July 15, 1931.

341,661. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE BADGER RUBBER WORKS, Chicopee Falls, Mass. Filed Apr. 29, 1935. Serial No. 364,323.

SPEED DUTY

For Vehicle Tires and Inner Tubes Made Wholly or Partly of Rubber.
Claims use since Apr. 15, 1935.

341,662. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EMPIRE DISTILLING CORPORATION, Philadelphia, Pa., assignor to Empire Distilling Corporation of New York, Yonkers, N. Y., a corporation of New York. Filed Mar. 11, 1935. Serial No. 362,355.

"The Right Anti-Freeze"

For Completely Denatured Alcohol Anti-Freeze Solution.
Claims use since August, 1934.

341,663. (CLASS 11. INKS AND INKING MATERIALS.) H. M. STORMS CO., Brooklyn, N. Y. Filed Sept. 12, 1934. Serial No. 355,988.

CLEANGRIP

For Carbon Paper.
Claims use since Aug. 15, 1934.

341,664. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GERMICIDE PRODUCTS CORPORATION, Buffalo, N. Y. Filed Aug. 11, 1933. Serial No. 340,613.

Babcock Solution

For Hypochlorite Solutions.
Claims use since Aug. 7, 1933.

341,665. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FEZ AMERICA, INC., New York, N. Y. Filed Oct. 13, 1936. Serial No. 384,289.

Gold Medal
FABRIC
BY
FEZ AMERICA Inc.

For Knitted Fabrics in the Piece Used in Manufacturing Berets.
Claims use since Sept. 10, 1935.

341,666. (CLASS 37. PAPER AND STATIONERY.) WYOMISSING GLAZED PAPER COMPANY, West Reading, Pa. Filed Sept. 23, 1936. Serial No. 383,559.

Wyomissing

For Non-Curling Flint Glazed Papers, Fast-to-Light Non-Curling Flint Glazed Papers, Duplex Papers, Mat Papers, (Suede) (Kid Finish) Metallic Papers, Jaspe Papers, Plate Papers, Friction Glazed Papers, Top Sized Waterproof Papers, Semi-Waterproof Papers, Mica Papers, and Embossed Papers.
Claims use since Aug. 19, 1932.

341,667. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NICHOLAS COROTNEFF, doing business as N. Corotneff, New York, N. Y. Filed Sept. 14, 1936. Serial No. 383,206.

BETTY HAWLEY

For Astringents, Cold Cream, Face Rouge, Face Bleach, Face Packs, Skin Lotions, Hand Lotions, Face Powders, Talcum Powders, Lip Sticks, Sachets, Nail Polish, Deodorants, Shampoos, Bath Salts, Hair Dyes, Mascara.
Claims use since June 1, 1935.

341,668. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DESHAZOR BEAUTY SYSTEM INC., New York, N. Y. Filed July 21, 1936. Serial No. 381,261.

The DE SHAZOR'S BEAUTY SYSTEM Inc. EST. 1935

For Finger Waving Cream, to Make the Hair Soft and Fluffy and Give It a High Gloss; Finger Waving Cream, High Glosser Recommended to Make the Hair Beautiful.
Claims use since Apr. 10, 1935.

TRADE-MARK REGISTRATIONS RENEWED

112,281. A MONTHLY TRADE JOURNAL DEVOTED TO INTERESTS OF HUMAN-HAIR TRADE AND LADIES' HAIR-DRESSING. Registered August 29, 1916. HENRY R. HOWELL, Brooklyn, N. Y. Renewed August 29, 1936, to H. R. Howell Publishing Co. Inc., New York, N. Y., a corporation of New York, assignee by mesne assignments.

112,977. A REMEDY FOR CERTAIN NAMED DISEASES AND AILMENTS. Registered October 10, 1916. ADOS CHEMICAL CORPORATION. Renewed October 10, 1936, to Herman L. Behrens, New York, N. Y., successor.

114,183. CANNED SALMON. Registered December 5, 1916. GEO. W. SANBORN & SONS, Astoria, Oreg. Renewed December 5, 1936, to Alaska Pacific Salmon Company, Seattle, Wash., a corporation of Nevada, assignee by mesne assignments.

114,681. METAL-POLISH. Registered January 2, 1917. GERTRUDE BAER, Brooklyn, N. Y. Renewed January 2, 1937, to Gertrude Baer, Far Rockaway, Long Island, N. Y.

115,582. DISK HARROWS AND LAND-ROLLERS. Registered February 27, 1917. T. E. BISSELL COMPANY LIMITED. Renewed February 27, 1937, to T. E. Bissell Company, Limited, Elora, Ontario, Canada, a corporation of Canada, assignee.

116,038. A CHEMICAL COMPOUND FOR CLEANING AND THAWING PIPES AND FOR REMOVING RUST AND STAIN. Registered April 3, 1917. THE CHAMBERLAIN COMPANY. Renewed April 3, 1937, to John R. Dulany, Pittsburgh, Pa., assignee.

LABELS

REGISTERED DECEMBER 15, 1936

48,505.—*Title:* ACE MENTHOLATED BRUSHLESS SHAVING CREAM. For Shaving Cream. ACE MANUFACTURING COMPANY, Chicago, Ill. Published October 8, 1936.

48,506.—*Title:* CRUSHED WHEAT RAINBO. For Bread. P. D. ARCHER, Kansas City, Mo. Published September 2, 1936.

48,507.—*Title:* EBLING'S WHITE HEAD. For Ale. THE EBLING BREWING CO. INC., Brooklyn, N. Y. Published October 14, 1936.

48,508.—*Title:* ONLY DWIN HAS "IT" HOUSEHOLD INSECT KILLER. For a Liquid Preparation for Killing Insects. BALDWIN LABORATORIES, INC., Saegerstown, Pa. Published September 1, 1936.

48,509.—*Title:* PHILADELPHIA PHILLIES. For Cigars. BAYUK CIGARS INCORPORATED, Philadelphia, Pa. Published July 2, 1936.

48,510.—*Title:* MURALPRINT PIRATE DECORATIONS. For Pirate Decorations. THE BEISTLE COMPANY, Shippensburg, Pa. Published July 8, 1936.

48,511.—*Title:* MURALPRINT STORY-BOOK ANIMAL DECORATIONS. For Story-Book Animal Decorations. THE BEISTLE COMPANY, Shippensburg, Pa. Published July 8, 1936.

48,512.—*Title:* MURALPRINT COCKTAIL ROOM DECORATIONS. For Cocktail Room Decorations. THE BEISTLE COMPANY, Shippensburg, Pa. Published March 10, 1936.

48,513.—*Title:* THE PORTERS CHAMPION—THE BETTER SILVER POLISH. For Silver Polish. HARRIS BERMAN, Milwaukee, Wis. Published December 15, 1933.

48,514.—*Title:* CHAMPAGNE BOULAY & CIE, EPERNAY. For Champagne Wines. BOULAY & CIE, Epernay, France. Published April 13, 1936.

48,515.—*Title:* CHAMPAGNE DE CASTELNAU, EPERNAY. For Champagne Wines. BOULAY & CIE, Epernay, France. Published April 13, 1936.

48,516.—*Title:* CHAMPAGNE, J. GOYARD, EPERNAY. For Champagne Wines. BOULAY & CIE, Epernay, France. Published April 13, 1936.

48,517.—*Title:* FOOTWEAR CREATED FOR THE DISCRIMINATING NORTH SHORE WOMAN. For Footwear. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published May 5, 1936.

48,518.—*Title:* QUALITY SHOES. For Shoes. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published June 6, 1936.

48,519.—*Title:* CLEVELAND'S BREAKFAST CEREAL. For Breakfast Cereal. HALLIE B. CLEVELAND, Flat River, Mo. Published October 20, 1936.

48,520.—*Title:* I-KLEER COLLYRIUM EYE DROPS. For Eye Drops. COLLYRIUM INCORPORATED, New York, N. Y. Published August 15, 1936.

48,521.—*Title:* BULLDOG INKED RIBBON. For Inked Ribbons. THE M. B. COOK COMPANY, Chicago, Ill. Published August 31, 1936.

48,522.—*Title:* BADGER INKED RIBBON. For Inked Ribbons. THE M. B. COOK COMPANY, Chicago, Ill. Published August 31, 1936.

48,523.—*Title:* BADGER CARBON PAPER. For Carbon Paper. THE M. B. COOK COMPANY, Chicago, Ill. Published August 31, 1936.

48,524.—*Title:* LA CORONA. For a Hair Tonic. FRANK A. CORONA, Newark, N. J. Published September 2, 1936.

48,525.—*Title:* CONSORT. For Fresh Lemons. CORONA CITRUS ASSOCIATION, Corona, Calif. Published October 14, 1936.

48,526.—*Title:* QUALITY CHEWING TOBACCO. For Chewing Tobacco. CRIMSON COACH, INC., Toledo, Ohio. Published September 30, 1936.

48,527.—*Title:* DEAN'S. For Cold Capsules. DEAN PRODUCTS COMPANY, Tacoma, Wash. Published May 18, 1936.

48,528.—*Title:* TIP-TOP CATTLE SPRAY. For a Cattle Spray. FAYDON LABORATORIES, Syracuse, N. Y. Published August 1, 1936.

48,529.—*Title:* MILGOLD ICE-BOX COOKIES. For Cookies. MILDRED GOLD, doing business as Milgold, Beverly Hills, Calif. Published September 8, 1936.

48,530.—*Title:* HEARST BRAND HAWAIIAN FANCY PINEAPPLE JUICE. For Hawaiian Pineapple Juice. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published September 30, 1936.

48,531.—*Title:* APRON STRINGS FRUIT COCKTAIL. For Fruit Cocktail. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published October 13, 1936.

48,532.—*Title:* SUNICAL APRICOTS. For Halved Apricots. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published September 23, 1936.

48,533.—*Title:* SUNICAL FRUIT FOR SALAD. For Fruit for Salad. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published September 3, 1936.

48,534.—*Title:* MODERN PAK LUSCIOUS FRUITS FOR SALAD. For Fruits for Salad. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published September 3, 1936.

48,535.—*Title:* MODERN PAK LUSCIOUS HALVED PEARS. For Halved Pears. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published September 3, 1936.

48,536.—*Title:* RURAL GOLD CRUSHED HAWAIIAN PINEAPPLE. For Crushed Hawaiian Pineapple. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published September 30, 1936.

48,537.—*Title:* RURAL GOLD WHOLE PEELED APRICOTS. For Whole Peeled Apricots. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published October 6, 1936.

48,538.—*Title:* HEARST BRAND HAWAIIAN FANCY CRUSHED PINEAPPLE. For Hawaiian Fancy Crushed Pineapple. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published September 30, 1936.

48,539.—*Title:* HEARST BRAND HAWAIIAN FANCY PINEAPPLE TIDBITS. For Fancy Hawaiian Pineapple Tidbits. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published October 8, 1936.

48,540.—*Title:* HEARST RANCH BRAND FANCY WHOLE PEELED APRICOTS. For Whole Peeled Apricots. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published October 8, 1936.

48,541.—*Title:* RURAL GOLD HALVED APRICOTS. For Halved Apricots. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published August 10, 1936.

48,542.—*Title:* RURAL GOLD SLICED HAWAIIAN PINEAPPLE. For Sliced Hawaiian Pineapple. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published September 30, 1936.

48,543.—*Title:* RURAL GOLD BROKEN SLICES HAWAIIAN PINEAPPLE. For Broken slices Hawaiian Pineapple. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published September 30, 1936.

48,544.—*Title:* JOHNSON'S 66 QUICK DRYING VARNISH. For Quick Drying Varnish. S. C. JOHNSON & SON, INC., Racine, Wis. Published December 30, 1935.

48,545.—*Title:* TOWN AND COUNTRY RUGS. For Rugs. THE KLEARFLAX LINEN LOOMS, INC., Duluth, Minn. Published September 30, 1936.

48,546.—*Title:* SPRINGCREST, RED LABEL. For Chickens. THE KROGER GROCERY & BAKING COMPANY, Cincinnati, Ohio. Published October 19, 1936.

48,547.—*Title:* SPRINGCREST, GREEN LABEL. For Chickens. THE KROGER GROCERY & BAKING COMPANY, Cincinnati, Ohio. Published October 19, 1936.

48,548.—*Title:* SPRINGCREST, BLUE LABEL. For Chickens. THE KROGER GROCERY & BAKING COMPANY, Cincinnati, Ohio. Published October 19, 1936.

48,549.—*Title:* SPAGHETTI DINNER. For Spaghetti, Spaghetti Sauce and Italian Grated Cheese for Making or Preparing a Spaghetti Dinner. KURTZ BROTHERS CORPORATION, Philadelphia, Pa. Published October 12, 1936.

48,550.—*Title:* MESHKOTE BRAND. For Linoleum Varnish. THE MESHKOTE CORPORATION, Cleveland, Ohio. Published February 1, 1936.

48,551.—*Title:* MAK IT. For Preparation for Making Maple Flavored Syrup. LOUIS MILANI FOODS, INC., Chicago, Ill. Published August 31, 1936.

48,552.—*Title:* MAK IT. For a Preparation for Making French Dressing. LOUIS MILANI FOODS, INC., Chicago, Ill. Published August 31, 1936.

48,553.—*Title:* ENERGY. For White Laundry Soap. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published September 25, 1936.

48,554.—*Title:* GREEN NILE. For Beauty Soap. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published September 25, 1936.

48,555.—*Title:* GYPSY. For Beauty Soap. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published September 25, 1936.

48,556.—*Title:* MITY FINE. For White Floating Soap. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published September 25, 1936.

48,557.—*Title:* O-G-V MEN'S SCALP POMADE. For Preparation for Lubricating the Scalp. OGILVIE SISTERS LABORATORIES, INC., doing business as Ogilvie Method, New York, N. Y. Published February 1, 1936.

48,558.—*Title:* O-G-V MEN'S SPECIAL OINTMENT. For an Ointment for Irritations of the Scalp. OGILVIE SISTERS LABORATORIES, INC., doing business as Ogilvie Method, New York, N. Y. Published February 1, 1936.

48,559.—*Title:* O-G-V MEN'S ALOPECIA LOTION FOR PATCHY BALDNESS. For Alopecia Lotion for Patchy Baldness. OGILVIE SISTERS LABORATORIES, INC., doing business as Ogilvie Method, New York, N. Y. Published February 1, 1936.

48,560.—*Title:* DIC-A-DOO PAINT BRUSH BATH. For a Preparation for Cleaning and Restoring Paint Brushes. PATENT CEREALS COMPANY, Geneva, N. Y. Published September 30, 1936.

48,561.—*Title:* PROTECTO. For Sweatbands of Hats, To Prevent Perspiration from Penetrating the Hatband. PROTECTO CO., Washington, D. C. Published November 14, 1936.

48,562.—*Title:* RANDALL'S READY TO SERVE CHICKEN BROTH. For Canned Chicken Broth. HOWARD M. RANDALL, Tekonsha, Mich. Published September 21, 1936.

48,563.—*Title:* HUDSON VALLEY APPLES. For Apples. F. A. READ, INC., Albion, N. Y. Published September 28, 1936.

48,564.—*Title:* RILLENE. For a Thiophated Shampoo. RILLING-ARNAO CO., Minneapolis, Minn. Published October 15, 1936.

48,565.—*Title:* FEMMAL CAPS. For Vaginal Capsules. NORA BECKHAM SEWELL, doing business as N. B. Sewell Pharmacal Company, Kansas City, Mo. Published January 27, 1936.

48,566.—*Title:* CUBEN BITTERS. For Medicinal Bitters. LOUIS SIEVERS SONS CO., Chicago, Ill. Published October 23, 1936.

48,567.—*Title:* SKINNER'S MACARONI RINGS. For Macaroni Rings. SKINNER MANUFACTURING COMPANY, Omaha, Nebr. Published September 11, 1936.

48,568.—*Title:* GRAND CHABLIS-LE PINOT BLANC. For Chablis Wine. B. M. & J. STRAUSS LTD., London, England. Published July 15, 1936.

48,569.—*Title:* OLD RESERVE. For Blended Rye Whiskey. EDWARD TRAINER, Philadelphia, Pa. Published August 26, 1936.

48,570.—*Title:* WALLGARD. For Enamel. VITA-VAR CORPORATION, Newark, N. J. Published March 11, 1935.

PRINTS

REGISTERED DECEMBER 15, 1936

15,955.—*Title:* YOU CANT AFFORD IT. For Confectionery. AWFUL FRESH MACFARLANE, Oakland and San Francisco, Calif. Published October 6, 1936.

15,956.—*Title:* 1¢ LB. FOR CHOCOLATES. For Confectionery and Nuts. AWFUL FRESH MACFARLANE, Oakland and San Francisco, Calif. Published October 2, 1936.

15,957.—*Title:* MY BON-BONS 49¢ LB. For Confectionery. AWFUL FRESH MACFARLANE, Oakland and San Francisco, Calif. Published September 29, 1936.

15,958.—*Title:* YOU CANT AFFORD IT. For Confectionery. AWFUL FRESH MACFARLANE, Oakland and San Francisco, Calif. Published September 22, 1936.

15,959.—*Title:* BE SCEPTICAL. For Confectionery. AWFUL FRESH MACFARLANE, Oakland and San Francisco, Calif. Published October 16, 1936.

15,960.—*Title:* NO TAX ON NUTS. For Nuts. AWFUL FRESH MACFARLANE, Oakland and San Francisco, Calif. Published September 25, 1936.

15,961.—*Title:* LICORICE IN ANCIENT EGYPT. For Licorice Candy. AWFUL FRESH MACFARLANE, Oakland and San Francisco, Calif. Published September 18, 1936.

15,962.—*Title:* REACHING THE KERNEL. For Confectionery. AWFUL FRESH MACFARLANE, Oakland and San Francisco, Calif. Published September 18, 1936.

15,963.—*Title:* ANESTEX SURFACE ANESTHETIC. For a Surface Anesthetic. DAVID CURTIS, doing business as The De-Ce Products Co., of N. Y. (Anestex Laboratories) New York, N. Y. Published October 17, 1936.

15,964.—*Title:* FISCHER NEWMATIC, GEM OF DRYERS. For Hair Drying Apparatus. J. P. FISCHER, INC., New York, N. Y. Published October 6, 1936.

15,965.—*Title:* TWISSORS. For Tweezers for Removing Hair. THE KURLASH COMPANY, INC., Rochester, N. Y. Published April 7, 1935.

15,966.—*Title:* IT'S MILES AHEAD IN FLAVOR—ADFORM 171. For Coffee. HILLS BROS., San Francisco, Calif. Published September 21, 1936.

15,967.—*Title:* YANKEE HANDYMAN SPIRAL RATCHET SCREWDRIVER. For Spiral Ratchet Screw-Drivers. NORTH BRO'S M'F'G CO., Philadelphia, Pa. Published September 8, 1936.

15,968.—*Title:* NAME-IT. For a Beverage Used for Blending or Mixing With All Types of Liquors. SEMINOLE FLAVOR COMPANY, Chattanooga, Tenn. Published September 23, 1936.

15,969.—*Title:* STEMCO. For Men's Handkerchiefs. STEDMAN MANUFACTURING COMPANY, Asheboro, N. C. Published June 19, 1936.

15,970.—*Title:* THE BOTTOMLESS CUP. For Coffee. B/G FOODS, INC., Chicago, Ill. Published February 25, 1936.

REISSUES

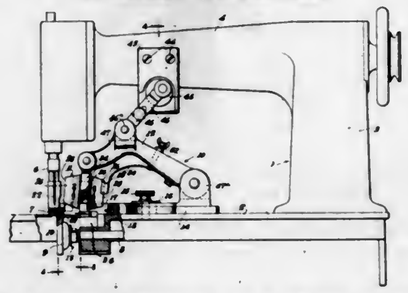
DECEMBER 15, 1936

20,204
PINKING APPLIANCE

Jacob Brussell, New York, N. Y., assignor to Isadore Friedman, Roselle, N. J.

Original No. 2,010,216, dated August 6, 1935, Serial No. 721,085, April 18, 1934. Application for reissue February 21, 1936, Serial No. 65,802

17 Claims. (Cl. 112—122)



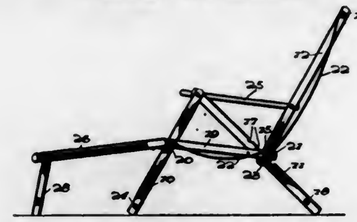
1. A pinking appliance for a sewing machine having a knife, a means for transferring the rotary movement of the shaft of the sewing machine into a reciprocal movement of the knife, a base plate, sides in said base plate forming an opening therein and co-acting with said knife for cutting, and ejector means on the hook shaft of the sewing machine beneath said opening to remove from the hook waste as it falls through said opening.

20,205
FOLDING CHAIR

Lilley W. Emerson, Hooksett, N. H., assignor of one-half to Harry A. Freedman, Brooklyn, N. Y.

Original No. 1,980,615, dated November 13, 1934, Serial No. 661,149, March 16, 1933. Application for reissue July 9, 1936, Serial No. 89,759

7 Claims. (Cl. 155—117)



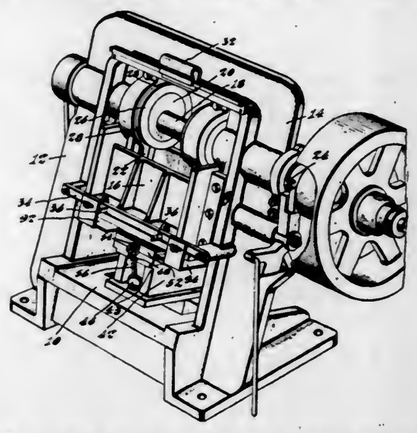
6. A folding beach chair comprising front and rear legs, back and seat side rails and side arm rests, the side arm rests and seat rails together with portions of the front legs and back side rails respectively forming opposite sides of a substantially parallelogram-shaped frame structure pivoted at its corners, the rear legs being pivoted at their forward ends adjacent the juncture of the arm rest and front leg portions and extending diagonally rearwardly and downwardly and having a detachable supporting connection at an intermediate point with the lower extremities of the back side rails, each of the back side rails projecting beyond its pivotal connection with an arm rest in one direction to an extent approximating the length of the arm rest, each of the front legs projecting beyond its pivotal connection with a seat side rail in the opposite direction to an extent nearly the length of said latter rail, and the distance which each of the rear legs extend from its pivotal connection approximating the combined lengths of two adjacent sides of the parallelogram, whereby the chair can be compactly folded.

20,206
PERFORATING MACHINE

George Knight, Brockton, Mass., assignor to Benjamin W. Freeman, Cincinnati, Ohio

Original No. 1,886,554, dated November 8, 1932, Serial No. 686,153, January 14, 1924. Application for reissue December 21, 1932, Serial No. 648,313

94 Claims. (Cl. 164—93)



78. A machine of the character described comprising rigid ornamenting dies, a movable support having holes therethrough for the projection of said dies when said support is moved, a gage device supported by said support for gaging and locating the work properly with respect to said dies, and means for operating said gage device to position against the upper side of the work that is mounted on said support.

20,207
METHOD OF BALANCING ABRASIVE WHEELS AND WHEELS THEREBY BALANCED

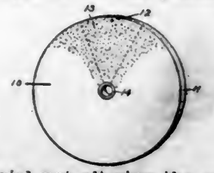
Herbert R. Simonds, Oakwood, Ohio, assignor to Simonds Worden White Company, Dayton, Ohio, a corporation of Ohio

Original No. 1,975,053, dated September 25, 1934, Serial No. 509,694, January 19, 1931. Application for reissue September 24, 1936, Serial No. 102,335

6 Claims. (Cl. 51—278)

2. The method of balancing an abrasive wheel which consists in introducing into the pores of the wheel, on the light side of its axis, a sufficient quantity of pulverized mineral material to

make the weight of the light side substantially equal the weight of the heavy side, the presence



of said material not altering the grinding properties of the wheel.

20,208
DEVICE FOR CONDITIONING AIR
Frank A. Whiteley, Covington, Ky.
Original No. 2,021,583, dated November 19, 1935, Serial No. 562,249, September 11, 1931. Application for reissue October 31, 1936, Serial No. 108,686
13 Claims. (Cl. 257—8)

1. An air-conditioner, comprising a casing adapted to be positioned in the wall of a room between studding and having top and bottom openings, means in said casing for heating air, means in said casing for cooling air, and means in the casing for moving air adjustably to cause the air to enter the casing at the bottom and

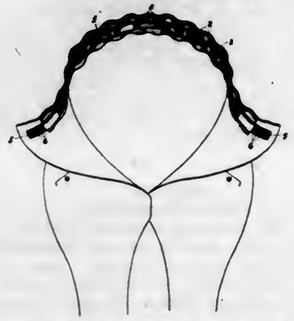


discharge from the top when the heating means is in operation, and to enter the casing at the top and discharge from the bottom when the cooling means is in operation.

PATENTS

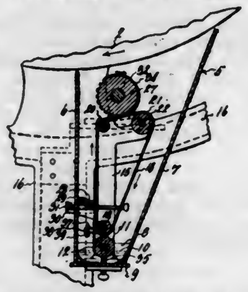
GRANTED DECEMBER 15, 1936

2,063,886
WAIST BAND
Paul Alexandre, Strasbourg, France
Application December 10, 1934, Serial No. 756,821
In France October 24, 1934
1 Claim. (Cl. 2—237)



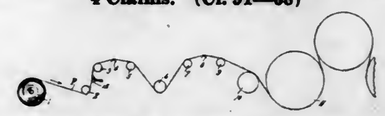
In a garment having a waist band, a lining for said waist band and a plurality of spaced vertical slits formed in said lining, a belt of sponge rubber or other such elastic material having a rough surface threaded through said slits so as to present a plurality of roughened surfaces on the inside of the garment at the waist band adapted to frictionally adhere to a garment worn under the trousers or to the bare skin of the wearer and complementary adjustable fastening means on the ends of the belt and adjacent surfaces of the waist band.

2,063,887
APPARATUS FOR TREATING PAPER
Russell S. Bracewell, South Hadley, Mass.
Application June 12, 1933, Serial No. 675,352
6 Claims. (Cl. 91—44)



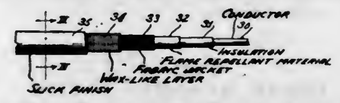
1. A device for coating a web of paper, or the like, which comprises a casing open at the top, a cylinder rotatably mounted in the casing adjacent the open top, a reservoir for coating material positioned at the bottom of the casing, a roll positioned in the casing to take up coating material from the reservoir, means positioned intermediate the cylinder and the take-up roll adapted to receive coating material from the take-up roll and rub it onto the surface of the cylinder, and means to rotate the cylinder at a speed sufficient to discharge the material from the surface of the cylinder in a fog-like spray.

2,063,888
METHOD FOR TREATING PYROXYLIN COATED PAPER TO ELIMINATE CURL
Russell S. Bracewell, South Hadley, Mass.
Application August 27, 1934, Serial No. 741,681
4 Claims. (Cl. 91—68)



1. The method of treating pyroxylin coated paper to lessen the tendency of the same to curl, said paper having been coated on one side only, which consists in first moistening the uncoated side of the paper, then dragging the uncoated and moistened side of the paper over one or more breaker bars and finally drying said uncoated side of the paper.

2,063,889
METHOD OF COATING INSULATED WIRE AND THE LIKE
Albert T. Candy, Jr., Oak Park, Ill., assignor to Candy & Company, Inc., Chicago, Ill., a corporation of Illinois
Application May 14, 1934, Serial No. 725,439
2 Claims. (Cl. 173—264)

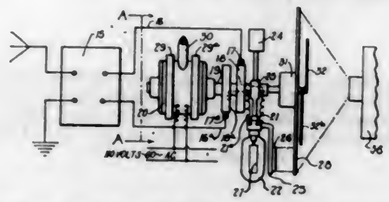


1. In the method of making a coated insulated conductor having successively a layer of rubber over the conductor, a flame repellent pitch layer directly overlying said rubber, a textile fabric jacket over said pitch layer and a final slick finish wax coating directly overlying said fabric jacket, the steps of braiding said fabric jacket over said pitch layer while the pitch is in a sufficiently softened and sticky condition to embed said jacket in said pitch layer but said pitch being sufficiently viscous not to penetrate said jacket to form a layer on the outside thereof, and directly applying to said jacket said wax coating at a temperature sufficiently low to prevent said wax from substantially commingling with said underlying pitch layer.

2,063,890
RADIO SIGNAL SYSTEM
Leif Eric de Neergaard, Dallas, Tex., assignor to T. J. Moroney, Dallas, Tex.
Application July 22, 1933, Serial No. 681,738
2 Claims. (Cl. 250—2)

1. A radio signaling system for signaling an alarm from an exterior point to a central receiving station comprising a source of alternating current, a synchronous motor at said exterior point, a relay operative to connect said motor to said current source, commutating means driven by said motor, a source of radiant energy at said exterior point and arranged to become operative upon the closing of said relay, said commutating means being effective for controlling the radia-

tion and suppression of the radiant energy, a synchronous motor at said central receiving station and connected to said current source, a receiver of radiant energy at said central station,



rotatable light means at said central station and driven by said second synchronous motor, and means operative to illuminate said light means during the time intervals of reception of radiant energy from said exterior source.

2,063,891

MANUFACTURE OF CHLORHYDRINS AND THEIR ETHERS

Henry Dreyfus, London, England

No Drawing. Application June 17, 1933, Serial No. 676,333. In Great Britain July 15, 1932
7 Claims. (Cl. 260—151)

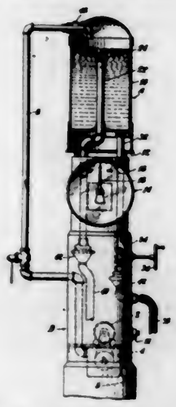
1. Process for the manufacture of an ether of a chlorhydrin, which comprises reacting a polyhydric alcohol with hydrogen chloride generated in the presence of said alcohol, maintaining the temperature at 50° to 70° C. during generation of the hydrogen chloride, thereafter raising the temperature gradually to 200° to 250° C. and maintaining the reaction mixture at this temperature for several hours.

2,063,892

LIQUID WEIGHING DEVICE

Charles S. Hazard, New York, N. Y., assignor to Neptune Meter Company, a corporation of New Jersey

Application March 4, 1936, Serial No. 67,036
13 Claims. (Cl. 221—100)



1. In a liquid dispensing device, the combination of a liquid receiving means from which fluid may be dispensed, means for weighing the liquid therein, and means responsive to temperature changes of the liquid for varying the capacity of the receiving means, to compensate for the corresponding volumetric change of the liquid, whereby the weight of the liquid in the receiving means remains constant when the latter is full.

2,063,893

METHOD OF PRODUCING PAVING MATERIAL

Willie L. Holbrook and William R. Parker, Houston, Tex.

No Drawing. Application January 12, 1935, Serial No. 1,542
4 Claims. (Cl. 106—31)

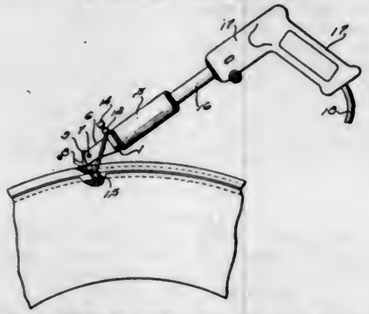
1. The method of producing paving material which comprises agitating a mass of shell in a mixer to produce fine grindings, or shell particles, retaining said particles in the mass, spraying the mass with a cold bituminous product during the mixing process and causing the bitumen to combine with the small particles to form a coating about the shell.

2,063,894

TIRE GROOVER

David Jack and William Matisek, Detroit, Mich., assignors of one-fourth to said Matisek, one-half to Allied Manufacturers, Inc., Detroit, Mich., a corporation of Michigan, and one-fourth to E. Elmer Staub, Grosse Pointe Park, Mich.

Application June 7, 1934, Serial No. 729,450
6 Claims. (Cl. 30—20)



1. In a tire groover, an electrically heated member, a handle connected thereto, a grooving head threaded into the electrically heated member and provided with an extending rib, a U-shaped blade positioned with the ends thereof extending on opposite sides of said rib, a member secured to each side of said rib, each member being provided with a groove to receive the adjacent portion of the blade and each member being provided with an upwardly curved lug at the end, the lugs extending on opposite sides of the blade and a guide bar adjustably secured in said grooving head.

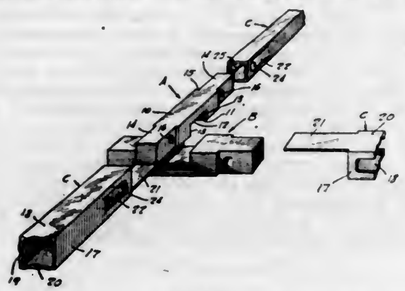
2,063,895

JOINT FOR STRUCTURAL TOYS

Henry R. Mack, Philadelphia, Pa.

Application April 10, 1936, Serial No. 73,660
6 Claims. (Cl. 46—28)

1. A joint of the character described comprising a joint member formed with a recess and a shank at one side of the recess, said recess being adapted to receive a member which is to be joined to the joint member, a tubular element including means cooperating with the shank for detachably connecting the tubular element to the shank, and an extension on the tubular element to overlie the recess and thereby engage a member which may be disposed in the recess to maintain the



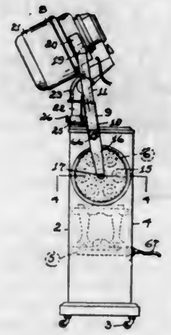
assembled relationship between the last mentioned member and the joint member.

2,063,896

PORTABLE DRYING MACHINE

Wendell L. Martin, Cleveland, Ohio, assignor to The Martin Brothers Electric Company, Cleveland, Ohio

Application September 19, 1934, Serial No. 744,644
7 Claims. (Cl. 34—26)



1. A drier comprising a support, a casing, mounted on said support, a fan in said casing for causing a cufrent of air to flow through said casing, means within said casing for heating said air current and means mounted on said support and in communication with said casing for heating fresh air to be fed into said air current.

2,063,897

PRODUCTION OF ARTIFICIAL FILAMENTS OR THREADS

Reginald Henry John Riley, Reginald Henry Parkinson, and Herbert Henry Sims, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application June 26, 1930, Serial No. 464,122. In Great Britain July 17, 1929
4 Claims. (Cl. 18—54)

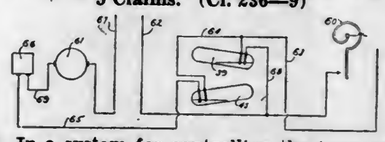
1. Process of producing yarns of differential luster, which comprises extruding a solution containing an organic derivative of cellulose and a finely divided pigment-like material, and a solution of an organic derivative of cellulose free from pigment, through different orifices in the same spinning jet, and associating the filaments so formed, continuously with their production, to form a composite yarn.

2,063,898

CONTROL SYSTEM FOR AUTOMATIC STOKERS

Sylvanus C. Shipley, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware

Application April 20, 1932, Serial No. 606,440
5 Claims. (Cl. 236—9)



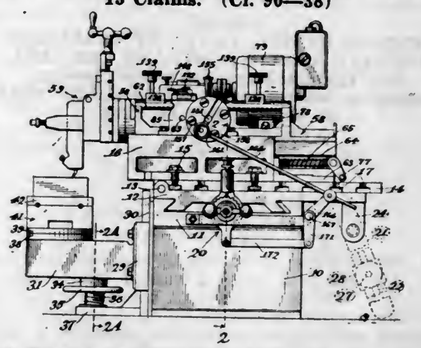
1. In a system for controlling the temperature of a space having a furnace, the combination of, means for supplying fuel to the furnace, means responsive to space temperatures for controlling said fuel supplying means, means responsive to furnace temperatures for preventing operation of said fuel supplying means when the fire becomes substantially extinguished, and latch means for operating said last mentioned responsive means to permit operation of said fuel supplying means.

2,063,899

DUPLEX SHAPER

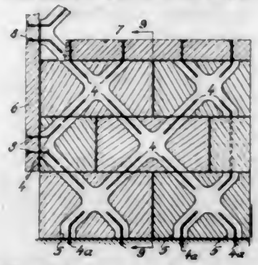
Alton J. Wells, Bell, Calif.

Application April 16, 1934, Serial No. 720,784
15 Claims. (Cl. 90—38)



4. In a duplex shaper, a bed, a ram mounted for reciprocatory movement on said bed, a shaft journaled on said bed, driving connections between said shaft and said ram, a motor mounted on said bed, a worm carried by the shaft of the motor, a sleeve loosely mounted on one end of the ram operating shaft, a worm wheel loosely mounted on said sleeve, which worm wheel is engaged by the worm on the motor shaft, projections carried by said sleeve for engaging in recesses in said worm wheel to effect driving engagement between said sleeve and worm wheel, a pinion secured to said sleeve, a disc mounted to rotate with and slide lengthwise upon the ram operating shaft, said disc and pinion having engaging parts which permits slight relative rotary movement between said disc and pinion, springs arranged between the interengaging parts of said pinion and disc for yieldingly resisting the relative rotary movement between said parts in one direction, a pinion carried by said worm wheel, which pinion is larger than the pinion carried by the sleeve, a pair of connected different sized pinions with which the pinion on the sleeve and the pinion on the worm wheel are adapted to engage and a handle connected to said sleeve for moving the same lengthwise upon the ram operating shaft.

2,063,900
BUILDING MATERIAL AND BUILDING CONSTRUCTION
Karl Wenczek, Berlin-Charlottenburg, Germany
Application March 22, 1935, Serial No. 12,460
In Germany March 22, 1934
10 Claims. (Cl. 72—40)



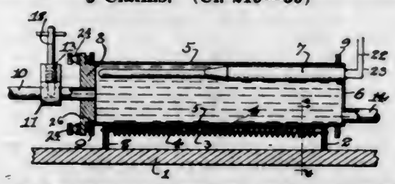
1. A building block comprising a comparatively thin walled hollow body embedded in the material forming the block, said hollow body forming channels extending in a direction inclined to the longitudinal axis of the building block and meeting each other, said channels being arranged in substantially the same plane and adapted to register at opposite sides of the block with corresponding channels in a contiguous block.

2,063,901
WINDOW HAVING PANES OF CELLULOSE ACETATE, CELLOPHANE, AND THE LIKE
Olof Hjalmar Wicander, Osmo, Sweden
Application September 12, 1935, Serial No. 40,327
In Sweden July 10, 1934
5 Claims. (Cl. 20—56)



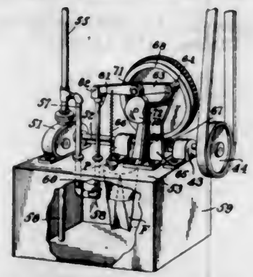
1. Window for greenhouses, hot-beds and the like, comprising a frame, a window pane consisting of a flexible transparent membrane having portions bent at substantially right angles to the window surface, and means for clamping a part of each of said bent portions to said frame so as to leave another part of each of said bent portions in an unclamped state between the window surface and said frame to allow for expansion and contraction of the window pane.

2,063,902
SURGEON'S ELECTRICAL HEATING DEVICE FOR FLOWING FLUIDS
Benjamin T. Beasley, Atlanta, Ga.
Application March 7, 1934, Serial No. 714,504
3 Claims. (Cl. 219—39)



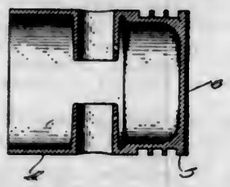
1. In an electrical heating device for medical use for heating and maintaining proper temperature levels of solutions or fluids flowing through tubes and being administered as therapeutic agents, foods or stimulants, the combination of a tube of relatively small size for containing liquids of the type described, means for admitting liquid into one end of the tube, valve controlled means for the discharge of liquid from the other end of the tube, a case carrying a thermostat mounted within the tube, a semi-cylindrical support on which the tube is mounted, insulation plates carrying said support, heater coils arranged between said plates and under and in proximity to the tube, an electric circuit electrically connected with the heater coils and with the thermostat, said electric circuit including a relay for automatically controlling the operation of the heater coils to maintain the temperature of liquid in the tube at a predetermined temperature for which the thermostat may be adjusted.

2,063,903
LUBRICATING INSTALLATION
Joseph Bijur, New York, N. Y., assignor to Auto Research Corporation, a corporation of Delaware
Original application May 28, 1925, Serial No. 33,387. Divided and this application October 3, 1931, Serial No. 566,705
25 Claims. (Cl. 184—7)



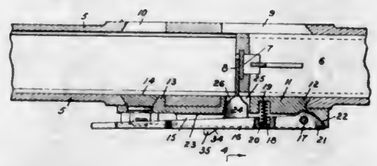
9. A lubricating installation for a mechanism having a plurality of distributed bearings, comprising a branched piping system with an inlet and a plurality of outlets to the bearings, each of said outlets including a flow metering fitting, a pump actuated to feed lubricant continuously under pressure and an automatic valve-controlled by-pass arrangement for periodically causing said pump to exert pressure in the piping system and to thereby cause emission at the bearings.

2,063,904
ALUMINUM-COATED PISTON
David Julian Block, Winnetka, Ill.
Application October 17, 1934, Serial No. 748,741
3 Claims. (Cl. 309—14)



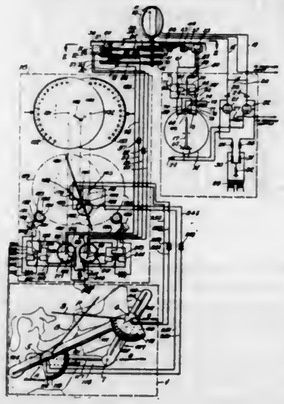
1. A ferrous base piston for internal combustion engines having integrally bonded on the head thereof a layer of metal of the class consisting of aluminum and magnesium and mixtures thereof, said coating having been condensed upon said head in an inert atmosphere, and having a thickness of the order of .001 to .004 inch.

2,063,905
TRIGGER MECHANISM FOR MACHINE GUNS
William R. Bluchdorn, Hartford, Conn., and Forrest K. Howard, East Falls Church, Va.
Application January 16, 1935, Serial No. 2,028
1 Claim. (Cl. 89—27)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



In a machine gun having a breech casing, a plate attached to the casing and formed with a groove on its outer side, a trigger lever pivotally mounted at its front end in the plate and disposed in the groove of the plate, the front end of the lever engageable with the plate to limit its movement to cocked position, a spring between the plate and lever and normally holding the lever in cocked position, and a sear actuating lug on the inner side of the lever and in rear of the pivot of said lever, said lug extending through the plate and into the gun.

2,063,906
LOCATION FINDER
Oscar A. Boch, Brooklyn, N. Y., assignor of one-half to William V. Hagendorn, Kew Gardens, N. Y.
Application May 10, 1935, Serial No. 20,729
16 Claims. (Cl. 250—11)



1. A location finder including a chart of a predetermined portion of the earth's surface, a support associated with said chart, two indicating arms pivotally mounted on said support with centers of rotation registering with locations on said chart corresponding to two of three known fixed sources of radio impulses, electric rotors operatively connected to said arms, and means tuned to receive the radio impulses of said three known fixed sources of radio impulses and operatively connected to said electric rotors to actuate said arms to cross one another in registration with a point on said chart indicating the unknown location.

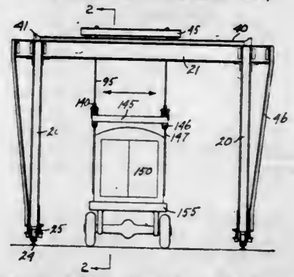
2,063,907
METHOD OF DELUSTERING FABRIC
Camille Dreyfus, New York, N. Y., and Herbert Platt, Cumberland, Md., assignors to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application September 1, 1928, Serial No. 303,602
4 Claims. (Cl. 28—1)

1. Method of treating fabric containing yarns of organic derivatives of cellulose comprising treating such fabric with a solution of barium sulphocyanide and then treating the fabric with a solution containing sulphate ions, whereby barium sulphate is precipitated within the fibres of such yarn.

2,063,908
AMINO-CARBOXYLIC ACID DERIVATIVES IN WET TREATMENTS
Henry Dreyfus, London, England
No Drawing. Original application August 22, 1932, Serial No. 629,902. Divided and this application October 31, 1933, Serial No. 696,027.
In Great Britain September 18, 1931
19 Claims. (Cl. 8—5)

1. In the manufacture of textile materials, by a process involving a wetting out, sizing, lubricating, de-electrifying or dispersing operation, effecting said operation with the aid of a medium containing a condensation product of an aliphatic amino carboxylic acid with an ester-forming agent.

2,063,909
TRAVELING CRANE
Benjamin F. Fitch, Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y., a corporation of Delaware
Application January 24, 1934, Serial No. 708,125
7 Claims. (Cl. 212—13)

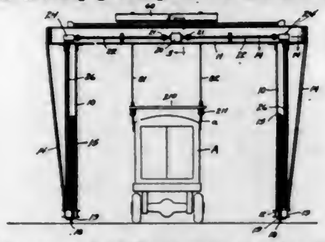


1. A crane of the class described, comprising a frame movable on a bridge, said frame having rectangularly spaced sides with two members intermediate of two opposite sides, closely adjacent respective sides and parallel therewith, cable actuating mechanism disposed horizontally between one of said intermediate members and the adjacent parallel side, a sheave disposed horizontally between the other of said intermediate members and the side adjacent thereto, and a cable passing from the actuating mechanism over the sheave.

2,063,910
TRAVELING CRANE
Benjamin F. Fitch, Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y., a corporation of Delaware
Application April 30, 1934, Serial No. 723,112
15 Claims. (Cl. 212—14)

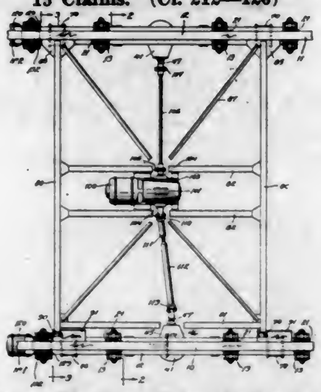
1. The combination, with an overhead crane frame, of a housing carried thereby and having

a central enlargement with oppositely substantially horizontally extending mutually rigid elongated sleeves, a shaft member in the sleeves, reduction driving gearing to the shaft member in



the enlargement of the housing, and cable drums having their cable-supporting surfaces located beyond the ends of the sleeves, said drums being respectively permanently connected to the ends of the shaft member.

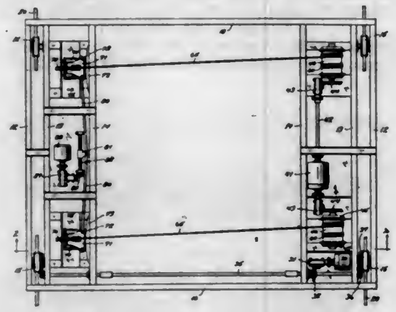
2,063,911
TRAVELING CRANE
Benjamin F. Fitch, Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y., a corporation of Delaware
Application May 24, 1934, Serial No. 727,320
15 Claims. (Cl. 212—126)



1. The combination of two trolley hoists arranged side by side, each having a longitudinal frame, supporting wheels therefor adapted to ride on a trackway, a housing suspended by each frame on its underside, a driving axle within the housing, a sleeve rotatably mounted on the end portion of the housing and connected with the driving axle, a raising drum suspended by said frame independently of the housing and coupled to said sleeve, a bridge connected to the frames of the two hoists, power mechanism on the bridge, and driving connections from the power mechanism to the axles within the housings of the two hoists.

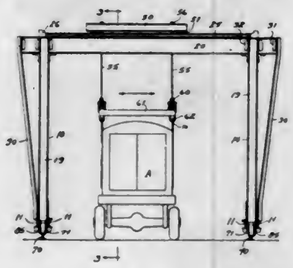
2,063,912
CABLE WINDING MECHANISM
Benjamin F. Fitch, Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y., a corporation of Delaware
Original application January 24, 1934, Serial No. 708,125. Divided and this application September 13, 1934, Serial No. 743,869
3 Claims. (Cl. 254—144)

1. The combination of a crane frame, two cable winding drums, a shaft supporting each drum, planetary gearing between each shaft and the corresponding drum, a driving motor and self-locking gearing between said motor and each shaft,



whereby the drums may be operated as a unit and the cables leading therefrom locked at all points of rotation of the drum.

2,063,913
GANTRY CRANE
Benjamin F. Fitch, Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y., a corporation of Delaware
Original application January 24, 1934, Serial No. 708,125. Divided and this application September 15, 1934, Serial No. 744,214
9 Claims. (Cl. 212—13)



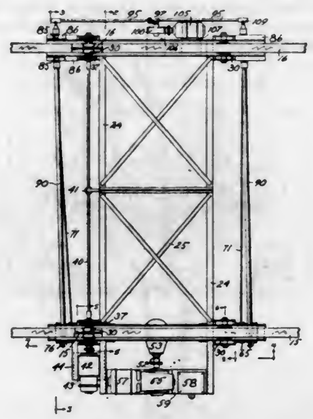
1. A gantry having an overhead bridge, side members supporting it, said side members having inverted buttresses extending laterally, there being through girders at the top of the gantry extending across the legs thereof and connected with the upper portions of the inverted buttresses, and lateral bracing connecting the top portions of the two sides and extending between the girders in spaced relation to both for substantially their entire length.

2,063,914
TROLLEY HOIST
Benjamin F. Fitch, Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y., a corporation of Delaware
Application October 4, 1934, Serial No. 746,826
20 Claims. (Cl. 212—126)

1. In a hoist, the combination of two individual parallel frames, a bridge rigidly connected to the two frames and having through longitudinal bars extending beneath one of the frames and beyond

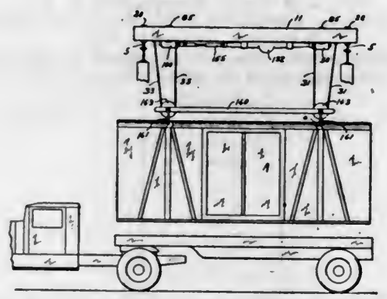
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it to form cantilever beams, power mechanism carried by such cantilevered beams, winding



mechanism operated by the power mechanism, and cables operated by the winding mechanism.

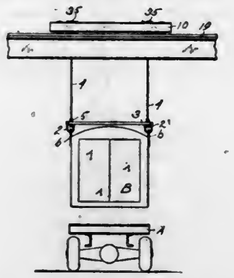
2,063,915
TRAVELING CRANE
Benjamin F. Fitch, Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y., a corporation of Delaware
Application December 10, 1934, Serial No. 756,858
12 Claims. (Cl. 212—126)



1. The combination, in a hoist, of a rigid frame adapted to span and ride on spaced tracks, a cable drum mounted thereon, a movable carriage on the frame, a cable drum mounted on the carriage, common means for simultaneously supplying power to the two drums, and power means for shifting the carriage.

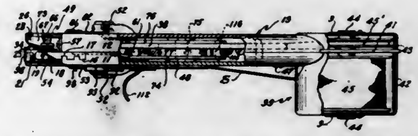
2,063,916
LOAD HANDLING MECHANISM
Benjamin F. Fitch, Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y., a corporation of Delaware
Application December 10, 1934, Serial No. 756,860
7 Claims. (Cl. 212—126)

1. In a crane having a frame, a rigid carriage mounted thereon within the limits of its rigid portions, two cable drums, one on the frame and one on the carriage, and cables wound on said drums and depending in bites, the combination therewith of a cradle having sheaves occupying said bites, the free end of one of the cables being



attached one to the crane frame and the free end of the other being attached to the carriage.

2,063,917
STRING TICKET ATTACHING DEVICE
Carl A. Flood, Framingham, Mass., assignor to Dennison Manufacturing Company, Framingham, Mass., a corporation of Massachusetts
Application October 31, 1933, Serial No. 696,017
28 Claims. (Cl. 112—104)



1. The combination of opposed members, a single needle carried by one of said members, the other of said members being spaced from the needle to receive material to be ticketed, the latter member having a passage to receive the needle and the strand carried thereby, yieldable means for holding superposed pieces of material against the latter member in the path of the needle, means for effecting relative movement of said members toward and from each other for passing the needle and its strand through material and into said passage and for withdrawing the needle, retaining means for holding the strand in said passage as the needle is withdrawn, and uniting means operable after each withdrawal of the needle to unite portions of the strand which are then disposed between said passage and the withdrawn needle, said retaining means being releasable after operation of the uniting means.

2,063,918
STRING LOOP ATTACHING METHOD
Carl A. Flood, Framingham, Mass., assignor to Dennison Manufacturing Company, Framingham, Mass., a corporation of Massachusetts
Application July 24, 1934, Serial No. 736,691
5 Claims. (Cl. 112—265)

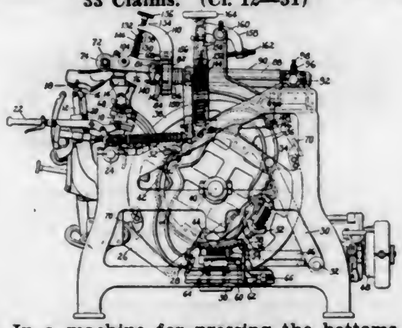
1. The method of attaching a strand to material with a needle, comprising providing a needle with a flexible strand, passing the needle and strand along a line of movement through the material, retaining the strand thus passed through the material at a fixed point in relation to the line of needle movement, withdrawing the needle from the material, moving the material out of the line of needle movement while continuing to retain the strand at said fixed point, thus drawing the strand through the needle and

the material to bring strand portions into juxtaposition beyond the edge of the material, uniting



the juxtaposed portions, and releasing the strand at said point where it has been retained.

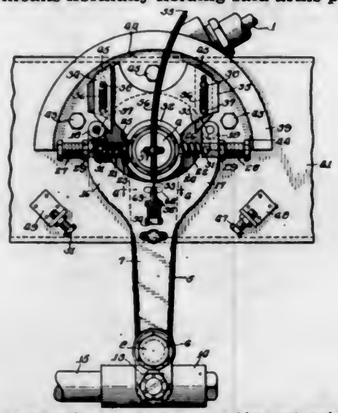
2,063,919
MACHINE FOR PRESSING THE BOTTOMS OF SHOES
James P. Fredericksen, Wollaston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application December 12, 1933, Serial No. 702,011
33 Claims. (Cl. 12—51)



1. In a machine for pressing the bottoms of welt shoes after attachment of the welt but before the outsole is applied, the combination with a shoe support, of a pair of rolls for pressing the shoe inseam materials respectively at the opposite sides of the shoe bottom in response to relative movement of said shoe support and the rolls lengthwise of the shoe before the outsole is placed on the shoe, a holder supporting said rolls, and means arranged to act by engagement with said holder to position the rolls in such relation to the shoe as to cause them to act first on said inseam materials across the extreme end of the toe with pressures directed inwardly from the edge of the shoe bottom and to be lifted by the action of the shoe thereon while pressing said materials heightwise of the shoe, said rolls being constructed and arranged to act thereafter on the inseam materials progressively along the opposite sides of the shoe bottom simultaneously at the rear of the toe end with pressures directed both heightwise of the shoe and inwardly from the edge of the shoe bottom.

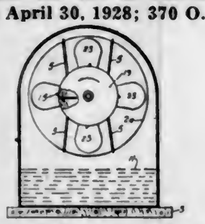
2,063,920
STEERING CONTROLLER
Arthur A. Friestedt, McHenry, Ill.
Application January 31, 1934, Serial No. 709,088
19 Claims. (Cl. 280—89)

1. In a vehicle steering apparatus, a shaft and means controllable at the will of the operator for rotating the same, a steering arm affixed on said shaft near one of its ends, a control arm pivoted to the other end of said steering arm extending both sides of said pivot, a drag link connected to the control arm close to the pivot, resilient means normally holding said arms parallel



connected to the control arm adjacent said shaft and supported upon said steering arm near the center line of the shaft, a stationary arcuate rack concentric with said shaft, a pawl slidably mounted and movable bodily with one of said arms, and means connected with the other arm for sliding said pawl into engagement with said rack.

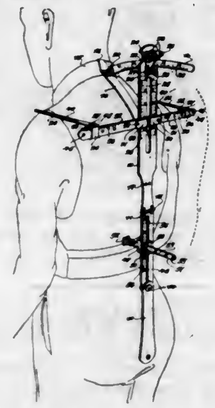
2,063,921
AIR COOLER
Briscoe B. Gray, Washington, D. C.
Application August 15, 1935, Serial No. 36,330
7 Claims. (Cl. 261—29)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. An air conditioner comprising a casing having an air inlet and outlet opening, the inlet opening being adapted to be positioned adjacent a rotary fan whereby air is introduced and carried through the casing, a chamber mounted on a rotary member in said casing forward of the fan, a line extending therefrom to a water reservoir located in the bottom of said casing, and a plurality of aspirators inserted around the perimeter of the aforesaid chamber attached to the rotary member for the purpose of ejecting air and water vapor from the same.

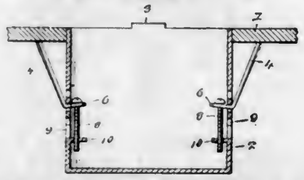
2,063,922
GARMENT MEASURING DEVICE
Morris W. Greenberg, Buffalo, N. Y.
Application October 25, 1934, Serial No. 749,947
15 Claims. (Cl. 33—2)

1. A garment measuring device including a main supporting bar adapted to be arranged vertically in rear of the back of a person being measured, a flexible band adapted to follow the stoop or incline of the upper part of said back, and connected at its lower end with said bar and adapted to be connected at its upper end with the neck band of the garment, means for measuring the distance between the upper ends of said bar and band comprising a stoop gage arm connected at its front end with the upper part of said band, two clamping lugs arranged on



said bar and receiving the rear part of said gage arm between them, and a clamping screw connecting said lugs, and means for leveling said bar fore and aft and sidewise including a horizontal lower liquid gage secured transversely to the lower parts of said lugs, and an upper horizontal liquid gage secured lengthwise to the upper part of one of said lugs.

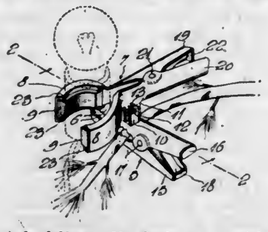
2,063,923
CLAMPING DEVICE FOR SWITCH BOXES AND OTHER FIXTURES
Fred W. Gries, Averill Park, N. Y.
Application March 27, 1935, Serial No. 13,363
2 Claims. (Cl. 247—21)



1. In combination with an outlet box having slots in opposite walls thereof and means to engage one face of a wall of a structure, elongated elements contacting the opposite face of the wall of the structure from said means and bent angularly to extend through the slots and provide attaching heads, and means for adjustably securing said heads to the box.

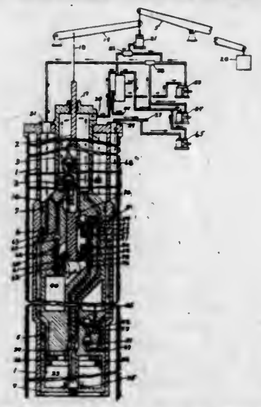
2,063,924
LAMP SOCKET HOLDER
William B. Hanko, Cleveland, Ohio
Application May 8, 1935, Serial No. 20,495
2 Claims. (Cl. 24—81)

1. In a lamp socket holder, an elongated supporting clip comprising two opposed levers fulcrumed together between their ends and having jaws at one end to grip a support, and a spring for swinging said levers to close said jaws, one of said levers being provided with a short lateral lug integral therewith; an elongated light-holding clip transverse to said supporting clip and comprising two opposed levers fulcrumed together between their ends and having curved jaws to grip a lamp socket, and a spring for swinging these levers to close their jaws, one of said levers



of said light-holding clip being provided with a short lateral lug integral therewith; and a pivot directly connecting the two lugs with each other and allowing relative angling of the two clips, one of said lugs being disposed in a plane transverse to the clip by which it is carried, the other of said lugs being in a plane extending longitudinally of its carrying clip.

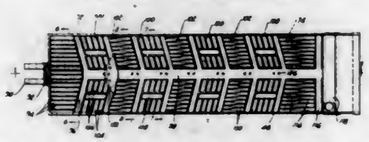
2,063,925
APPARATUS FOR PUMPING WELLS
Irving C. Harris, Milwaukee, Wis., and Harry W. Doubrava, Beverly Hills, Calif.
Application March 25, 1932, Serial No. 603,114
9 Claims. (Cl. 103—231)



1. In apparatus for pumping wells, strings of tubing, installed in a well; connecting means adapted to provide, in combination with the said strings of tubing, conduits for the conveyance of a descending flow of fluid from the upper end of the strings of tubing to the lower end of the same and an ascending flow of fluid from the lower end to the upper end of the said strings of tubing; a gas-discharge-line, comprising a string of tubing extending from a point near the lower ends of the strings of tubing first above named and extending upward toward the ground level; means for supporting the gas-discharge-line and actuating and timing a reciprocating movement of the same; valves providing communication between the gas-discharge-line and one of the conduits aforesaid in a manner to permit flow of fluid from the gas-discharge-line into the conduit but not in the reverse direction; a displacement chamber near the lower ends of the strings

of tubing and the gas-discharge-line; means for supplying gas to the displacement chamber; valves adapted to be actuated by the stated reciprocation of the gas-discharge-line and to permit flow of fluid between the said means for supplying gas and the displacement chamber, between the displacement chamber and the gas-discharge-line, and between the displacement chamber and the space without the apparatus in the well in sequence; valves permitting flow of fluid in one direction only from the space in the well external to the apparatus in the well into the displacement chamber and between the latter and the conduit conveying the ascending flow of fluid first above described; means for maintaining a circulation of fluid through the conduits for the conveyance of the descending and ascending flows of fluid first above described; and means for maintaining the required amounts of fluid in the conduits and discharging any increase of fluid therefrom.

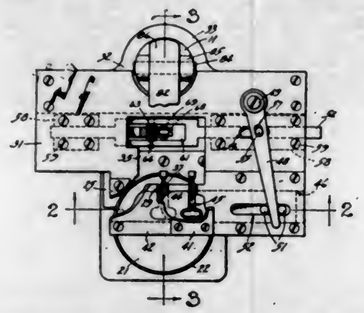
2,063,926
METHOD OF SEPARATING SOLIDS
Emanuel W. Hartman, Glendale, Calif., assignor to Hartman Gold Placer Syndicate, Chicago, Ill.
Application January 11, 1933, Serial No. 651,196
1 Claim. (Cl. 209—422)



The method of classification of material in accordance with specific gravity which comprises moving a thick layer of material in one general direction at a comparatively rapid rate, simultaneously vibrating the thick layer of material in the direction of its movement to cause precipitation of the heavier particles to the bottom of the layer, simultaneously vibrating the heavier precipitated particles with comparatively greater vigor while restraining the rapid movement of the precipitated heavier particles in the direction of movement of the thick layer by causing stages of transverse movement thereof toward the center of the layer and simultaneously directly causing transverse movement of only the unprecipitated material toward each side and away from the center and in opposition to the transverse movement of the precipitated heavier particles whereby even distribution of the material across the board is maintained and whereby large quantities of material may be rapidly disposed of during a primary stage of precipitation and a small precipitated quantity of heavier particles disposed of only after a secondary stage of prolonged vigorous treatment sufficient to precipitate the rare dense particles.

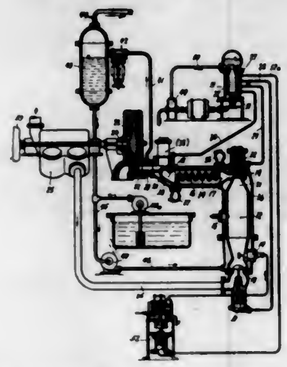
2,063,927
KEY ASSEMBLING MACHINE
James M. Holloway, New Orleans, La., assignor to American Can Company, New York, N. Y., a corporation of New Jersey
Application July 6, 1934, Serial No. 734,060
10 Claims. (Cl. 113—1)

9. An apparatus for attaching opening keys to containers comprising in combination, a stationary table for supporting a container, centering means on said table for centering and maintaining said container stationary in key receiving position on said table, and interconnected means successively operable to first position a key on



said stationary container and then secure the same in position without moving said container from the centering station.

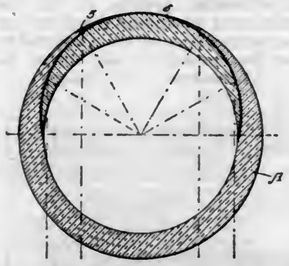
2,063,928
HEAT EXCHANGE WITH EXPLOSION GASES
Hans Holzwarth, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., a corporation of Delaware
Application December 21, 1933, Serial No. 703,465
In Germany December 21, 1932
5 Claims. (Cl. 60—49)



1. The combination of a constant volume explosion chamber, a heat exchanger connected with said chamber and arranged in the path of the gases discharging from such chamber, a control member at the inlet of the heat exchanger, a second control member at the outlet of the heat exchanger, and means for timing the opening and closing of said control members in sequence to regulate the time interval during which the explosion gases remain under high pressure in the heat exchanger before they are discharged by the second control member.

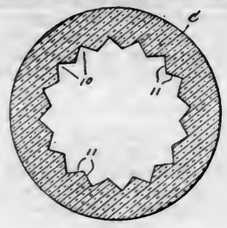
2,063,929
MIRRORED ELECTRIC LIGHT TUBING
George H. Hutaff, Jr., Wilmington, and Herbert B. Norris, Raleigh, N. C.
Application June 28, 1935, Serial No. 28,934
2 Claims. (Cl. 176—122)

1. The combination of an electric light glass tubing and a lensed mirror disposed within the tubing for concentrating and rendering a sharpness to light from within the tubing, the inner and outer surfaces of the tubing being circular



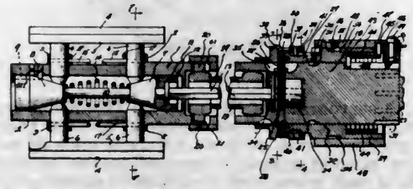
with the inner surface of said lensed mirror lying flush with said inner surface of the tubing.

2,063,930
LENSED ELECTRIC LIGHTING GLASS TUBING
George H. Hutaff, Jr., Wilmington, and Herbert B. Norris, Raleigh, N. C.
Application June 28, 1935, Serial No. 28,935
3 Claims. (Cl. 176—122)



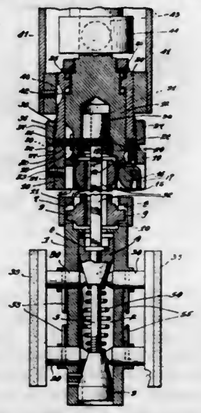
1. A gaseous conduction lamp having a tubing with a lensed area therein, the lensed area being formed with corrugations presenting prisms concentrically disposed to the longitudinal center of the tubing.

2,063,931
AUTOMATIC CYLINDER GRINDER
Marsden C. Hutto, Detroit, Mich., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Pennsylvania
Application December 24, 1925, Serial No. 77,430
40 Claims. (Cl. 51—184.3)



2. A grinding apparatus comprising a supporting body, a plurality of grinding members movably mounted on said body and capable of being expanded and contracted for enlarging or reducing the working diameter of said grinding members, a driving member connected with said body, and means for adjusting the working diameter of said grinding members comprising spreading elements arranged within the body and operating on said grinding members, controlling means mounted on said driving member and operable manually from the exterior of the apparatus independently of said driving member, and motion transmitting means connecting said manually operable controlling means with said spreading elements.

2,063,932
CYLINDER GRINDER
Marsden C. Hutto, Detroit, Mich., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Pennsylvania
Application March 4, 1926, Serial No. 92,118
25 Claims. (Cl. 51—184.3)

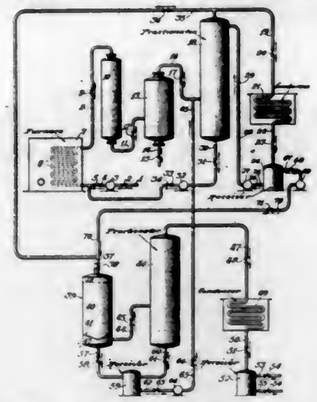


1. A cylinder grinder comprising a hollow body member, a series of grinding stones carried by the body member, a shaft extending into the hollow body member and adapted upon rotation in one direction to cause movement of the grinding stones radially outward from the body member and adapted upon rotation in the opposite direction to allow movement of the grinding stones inwardly toward the body member, a head connected with the body member to rotate therewith, a sleeve rotatable on the head, a ring gear carried by the sleeve, an idler gear rotatably mounted in the head and meshing with the ring gear, a gear meshing with the idler gear and arranged to rotate the shaft in the body member, indexing means limiting rotation of the sleeve in either direction on the head, a drum secured to the said sleeve, a stationary brake band extending about the drum, and manually operable means for applying the brake to the drum.

2,063,933
CONVERSION OF HYDROCARBON OIL
Vladimir Ipatieff, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application December 28, 1933, Serial No. 704,220
1 Claim. (Cl. 196—36)

In the cracking of hydrocarbon oils wherein there is produced a fractionated vaporous mixture of gasoline and olefinic gases, the method of increasing the gasoline yield of the cracking process and the quality of the cracked gasoline which comprises subjecting said mixture to the action of a solid calcined mixture of siliceous material and phosphoric acid under temperature and pressure conditions such as to polymerize olefinic gases contained therein into high anti-knock hydrocarbons boiling within the gasoline range and to remove gum-forming compounds

from the gasoline, and recovering the thus polymerized gasoline hydrocarbons of high anti-



knock value in admixture with the cracked refined gasoline.

2,063,934
PRODUCTION OF ASSISTANTS FOR THE TEXTILE AND RELATED INDUSTRIES
Karl Keller, Frankfort-on-the-Main-Fechenheim, Heinrich Hopff, Ludwigshafen-on-the-Rhine, Eduard Gefferjé, Frankfort-on-the-Main, and Joseph Nuesslein, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application January 21, 1931, Serial No. 510,274. Renewed May 31, 1934. In Germany January 27, 1930
18 Claims. (Cl. 260—99.12)

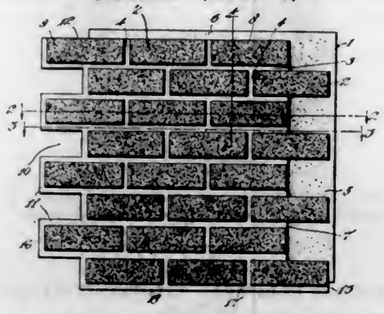
4. The process for the production of assistants in the textile and related industries which comprises condensing a mixture of saturated halogenated aliphatic compounds each of which contains at least five carbon atoms, with a heterocyclic organic nitrogenous base containing at least one reactive hydrogen atom connected with a nitrogen atom.

5 The process for the production of assistants in the textile and related industries which comprises condensing a mixture of saturated halogenated aliphatic hydrocarbons of natural origin each of which contains at least five carbon atoms, with an organic nitrogenous base containing at least one reactive hydrogen atom connected with a nitrogen atom, in the presence of a condensing catalyst capable of splitting off hydrohalic acids.

8. The process for the production of assistants in the textile and related industries which comprises condensing a mixture of saturated halogenated aliphatic hydrocarbons of natural origin each of which contains at least five carbon atoms, with an organic nitrogenous base containing at least one reactive hydrogen atom connected with a nitrogen atom, at least one of the said reaction components containing at least one hydroxyl group, and acting on the resulting mixture of amines with a strong non-oxidizing acid until esters are formed.

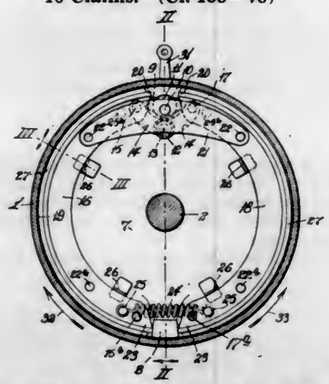
13. A mixture of different ethanolamines each of which corresponds to the formula $HO.CH_2—CH_2—NH.R$, in which R represents a saturated aliphatic radicle containing a number of carbon atoms corresponding to that of the constituents of paraffin.

2,063,935
SIDING MATERIAL
Lester Kirschbraun, Leonia, N. J., assignor to The Patent and Licensing Corporation, Boston, Mass., a corporation of Massachusetts
Application December 16, 1931, Serial No. 581,336
7 Claims. (Cl. 20—5)



1. A panel comprising an embossed sheet of waterproof fibrous material of substantially uniform thickness, the weather face of said sheet having raised areas spaced by intervening depressed areas, a continuous coating of waterproofing material over the entire weather face of said panel, and a discontinuous coating of waterproofing material on said continuous coating covering and limited to said raised areas.

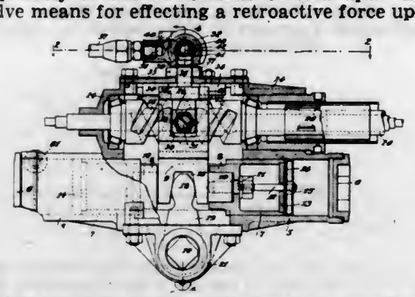
2,063,936
BRAKE
Herbert J. Kratzer, St. Louis, Mo.
Application September 25, 1931, Serial No. 565,143
16 Claims. (Cl. 188—78)



1. A servobrake of the internal expansion type comprising a pair of unanchored pivoted shoes, an anchored stop between adjacent ends of said shoes, pivoted means connected to the opposite ends of said shoes, and unanchored means active on said pivoted means for applying inward movement to said opposite ends of said shoes.

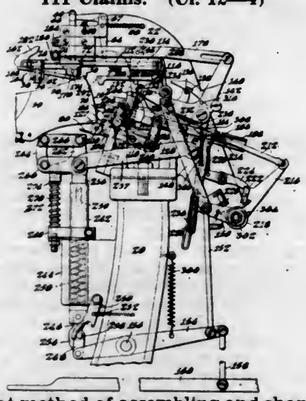
2,063,937
FLUID PRESSURE ACTUATOR
John J. Kundig, New York, N. Y.
Application January 10, 1931, Serial No. 507,784
14 Claims. (Cl. 121—41)

1. In a power-operated mechanism including a fluid pressure actuator operatively connected therewith, a supply of pressure fluid, fluid pressure control means, means for maintaining said fluid normally in continuous circulation through said valve means, communications between said valve means and said actuator normally closed by said valve means, manual control means to operate said valve means whereby to open said communications and to divert said fluid from its normal course upon said actuator whereby to actuate said mechanism in one direction, means influenced by the supply fluid pressure and acting oppositely to the movements of and upon said valve means for effecting a retroactive force upon



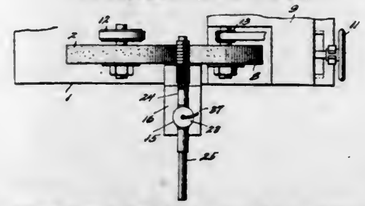
said manual control means directly proportional to the fluid pressure required for the actuation of said mechanism, said fluid pressure influenced means restoring said valve means to non-diverting position whereby to close said communications concurrently with the stopping of the manual operation of said control means, and means limiting the action of said fluid pressure influenced means whereby to stop the reactionary effect from said pressure fluid supply upon said valve means during the non-diverting position of the latter.

2,063,938
METHOD OF AND MACHINE FOR ASSEMBLING SHOE PARTS
Robert H. Lawson, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application January 20, 1933, Serial No. 652,701
Renewed December 26, 1935
111 Claims. (Cl. 12—4)



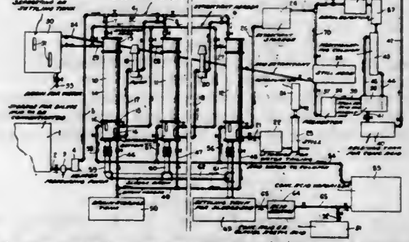
1. That method of assembling and shaping shoe parts upon a last which comprises holding the extremity of the upper at the heel end of the shoe from movement heightwise of the last, tensioning the work heightwise of the last at opposite sides of its heel portion, holding the work so tensioned, and thereafter drawing the upper forwardly of the last.

2,063,939
PISTON RING GRINDER
Charles Ira Lott, Lansing, Mich.
Application November 23, 1933, Serial No. 699,443
Renewed February 15, 1936
11 Claims. (Cl. 51—103)



2. Piston ring grinding apparatus comprising a pair of wheels laterally spaced apart, one of said wheels being made of abrasive material, an arm having electromagnetic means rotatably mounted thereon for holding a piston ring thereon while rotating during a grinding operation in the shape it will assume in use, said means being movable to and from the wheels in the direction of the axis of said means in such position that opposite sides of the ring contact with different wheels.

2,063,940
PROCESS FOR CONCENTRATING AQUEOUS ALIPHATIC ACIDS RECOVERED FROM CELLULOSE ESTERIFICATION PROCESSES
Herbert E. Martin, Cumberland, Md., assignor to Celanese Corporation of America, a corporation of Delaware
Application October 5, 1934, Serial No. 747,083
6 Claims. (Cl. 260—122)

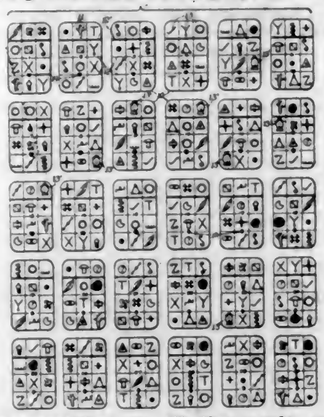


1. Process for cencentrating aqueous aliphatic acids recovered from cellulose esterification processes, which comprises passing the aqueous acid in counter-current to a substantially water-immiscible solvent for the acid through a column containing a contact material having a large and interrupted surface, removing the aqueous residue and the acid extract separately from the column, and periodically interrupting the flow of aqueous acid and solvent, draining the column, feeding into the column the vapor of a solvent for precipitated solids contained in the column, condensing the said vapor in the column, and removing the condensate from the column.

2,063,941
CARD GAME
Edward W. McCarroll, Chicago, Ill.
Application June 17, 1933, Serial No. 676,244
8 Claims. (Cl. 273—152)

1. A card game outfit, comprising a deck of cards each bearing on its face a plurality of individual spaced symbols each different from all the other symbols appearing on said face, the

total number of different symbols used in the deck being less than the aggregate number of



symbols appearing on all the cards, and the symbols on each card being individually duplicated in different groups on other cards.

2,063,942
ALUMINUM ALLOY

Joseph A. Nock, Jr., Tarentum, and Hertha R. Freche, New Kensington, Pa., assignors to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania

No Drawing. Application October 25, 1934, Serial No. 750,016

8 Claims. (Cl. 148—32)

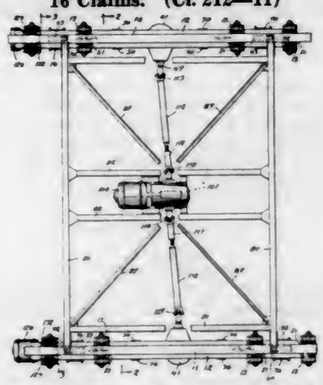
4. A heat treated and artificially aged aluminum base alloy containing from about 2 to 12 per cent copper, 0.005 to 0.1 per cent tin, 0.01 to 0.15 per cent cadmium and 0.005 to 0.03 per cent magnesium as an impurity, said alloy being characterized by the fact that its tensile strength, yield strength, corrosion resistance and responsiveness to heat treatment are considerably improved over the corresponding properties in an aluminum-base alloy containing the same amount of copper, tin, and magnesium but no cadmium.

2,063,943
TROLLEY HOIST

Ragnar A. Norbom, Clifton, N. J., assignor to Motor Terminals Company, New York, N. Y., a corporation of Delaware

Application May 29, 1934, Serial No. 728,089

16 Claims. (Cl. 212—11)



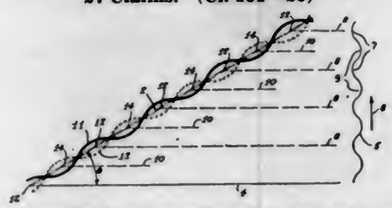
1. The combination of two trolley hoists mounted side by side on parallel tracks, two motors for operating the trolleying mechanism of the hoists respectively, means located at a common point for controlling both motors as a unit in the same direction of travel or independently in opposite directions, or alone.

2,063,944
DIRECTION, TRANSMISSION, AND RECEPTION METHOD AND SYSTEM

George W. Pierce, Cambridge, Mass.

Application February 9, 1932, Serial No. 591,838

27 Claims. (Cl. 181—26)



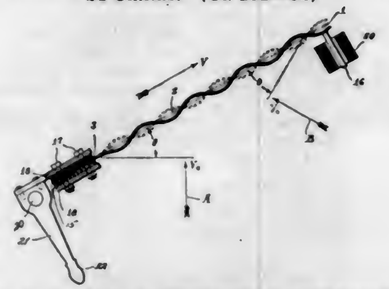
2. A method of cumulatively interacting between a sound beam having a predetermined direction in a sound-conducting medium and a diaphragm mechanically coupled to the medium, that comprises propagating a transverse vibration along the diaphragm with a velocity having a component, in the said predetermined direction, equal to the velocity of the beam in the medium.

2,063,945
DIAPHRAGM AND METHOD

George Washington Pierce, Cambridge, Mass.

Application August 2, 1933, Serial No. 683,350

24 Claims. (Cl. 181—31)



1. A method of cumulatively interacting between a sound beam having a predetermined direction in a sound-conducting medium and a diaphragm mechanically coupled to the medium, that comprises propagating a transverse vibration along the diaphragm with a velocity having a component, in the said predetermined direction, equal to the velocity of the beam in the medium, and dissipating the energy of said transverse vibration at one end of the diaphragm.

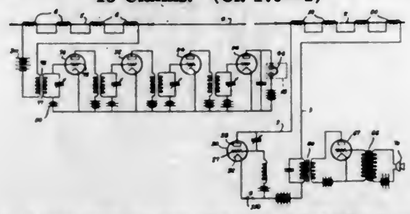
13. A diaphragm having a velocity of propagation of transverse-wave vibration dependent upon the frequency of vibration and having a dimension in the direction of propagation of said transverse waves large in comparison with the wavelength of said transverse vibration, the said diaphragm being free at one end and clamped at a boundary in a sound-absorbing medium to prevent reflection from said boundary of transverse vibration in the diaphragm, and an interconverter of mechanical and electrical energy connected with the diaphragm.

2,063,946
SOUND COMMUNICATION SYSTEM

George Washington Pierce, Cambridge, Mass.

Application February 9, 1932, Serial No. 591,839

13 Claims. (Cl. 179—1)



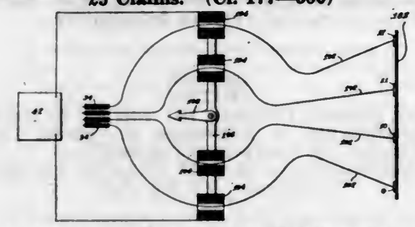
1. Apparatus of the character described comprising a coil, a vibratory, magnetostrictive core magnetostrictively associated with the coil, and a linearly disposed, solid conductor of longitudinal, mechanical vibrations directly connected with the core and extending over a considerable distance, whereby mechanical vibrations magnetostrictively produced in the core through the action of the electric energy of an electric current in the coil will be mechanically transmitted from the core to the conductor, or whereby mechanical vibrations in the conductor will be transmitted to the core in order magnetostrictively to convert the mechanical energy of the said mechanical vibrations into electric energy of an electric current in the coil.

2,063,947
COMPENSATOR

George Washington Pierce, Cambridge, Mass.

Application August 8, 1933, Serial No. 684,200

25 Claims. (Cl. 177—386)



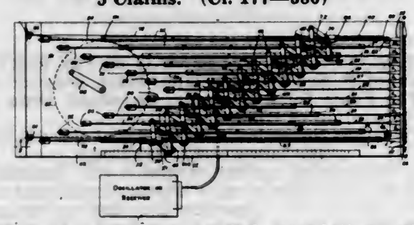
4. Apparatus of the character described comprising a diaphragm, a magnetostrictive core connected with the diaphragm, a movable coil for the core, and means for moving the coil along the core.

2,063,948
COMPENSATOR AND METHOD

George Washington Pierce, Cambridge, and Atherton Noyes, Jr., Winchester, Mass.; said Noyes assignor to said Pierce

Application June 30, 1933, Serial No. 678,482

5 Claims. (Cl. 177—386)



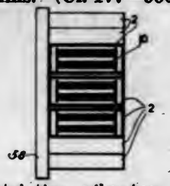
1. In a system of parallel retardation paths, each comprising a linear transmission member and each equipped with vibratory terminal apparatus for intercommunicating energy with a sound-conveying medium and each equipped with an interactor variably positionable along said linear member, with a phase in said transmission member at said interactor relative to the terminal phase in said member determined by the position of said interactor along said member, means for simultaneously varying the positions of the several interactors along their several transmission members and maintaining a substantially straight-line, spatial relation between the several interactors, said means comprising a pantograph and a system of linear guides.

2,063,949
MAGNETOSTRICTIVE VIBRATOR

George Washington Pierce, Cambridge, Mass.

Application February 11, 1932, Serial No. 592,320

5 Claims. (Cl. 177—386)



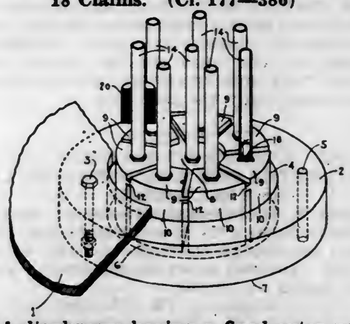
3. A magnetostrictive vibrator comprising a tubular housing of highly magnetostrictive material having a central axis longitudinal of said housing, a winding for alternating currents disposed within said housing, said winding comprising turns wound about an axis substantially coincident with the axis of said housing, and, when traversed by electric currents, having an exterior magnetic field substantially longitudinal of said housing, whereby an alternating current in the winding produces by magnetostriction a longitudinal vibration in the housing and a longitudinal vibration of the housing produces magnetostrictively an alternating voltage in the winding.

2,063,950
APPARATUS FOR TRANSMISSION AND RECEPTION

Raymond Leonard Steinberger, Westwood, Mass., assignor to George W. Pierce, Cambridge, Mass.

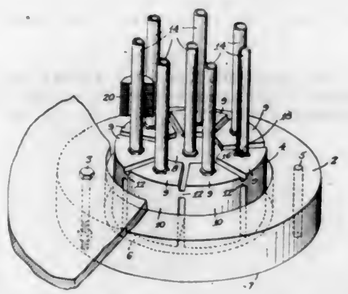
Application December 4, 1931, Serial No. 579,039

18 Claims. (Cl. 177—386)



18. A diaphragm having a fixed outer portion, a vibratory inner diaphragm portion, an intermediately disposed web connecting the portions, the diaphragm portion comprising a plurality of diaphragm sections connected together by webs, each section having two oppositely disposed faces and being adapted to vibrate expansionally by contracting and expanding to and from a nodal plane disposed intermediately between the faces to produce loops of expansional vibration at the said faces, and means for cophasing the vibrations of the sections.

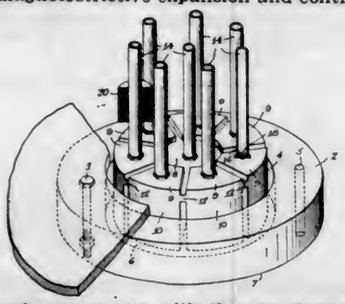
2,063,951
APPARATUS FOR TRANSMISSION AND RECEPTION
Raymond L. Steinberger, Westwood, Mass., assignor to George W. Pierce, Cambridge, Mass.
Original application December 4, 1931, Serial No. 579,039. Divided and this application July 19, 1935, Serial No. 32,252
11 Claims. (Cl. 177—386)



9. A vibrator for interchanging electrical and mechanical energy with a sound-conveying medium comprising a plurality of diaphragm sections having substantially the same natural frequency and adapted to be positioned in sonorous relation to the sound-conveying medium, the diaphragm sections each having two oppositely disposed faces and each being expansionally vibratory so as to contract and expand lengthwise to and from nodal planes disposed intermediate to said faces, the sections being spaced from one another transversely at the nodal planes so as to be free to expand and contract transversely at the nodal planes and being connected together into a unitary vibrator by webs having a face coplanar with one set of said faces for supporting the sections and cophasing their vibrations, and means individually connected with each section for driving the corresponding section at a common resonant frequency of expansional vibration, the relative dimensions of the sections and of the individual driving means being such as to render their combination resonant at the said common resonant frequency, whereby the sections and the webs will be driven in synchronism as a unitary vibrator with the sections all in substantially the same phase.

2,063,952
APPARATUS FOR TRANSMISSION AND RECEPTION
Raymond L. Steinberger, Westwood, Mass., assignor to George W. Pierce, Cambridge, Mass.
Original application December 4, 1931, Serial No. 579,039. Divided and this application July 19, 1935, Serial No. 32,253
15 Claims. (Cl. 177—386)

2. A vibrator for interchanging electrical and mechanical energy with a sound-conveying medium comprising a plurality of diaphragm sections having substantially the same natural frequency and adapted to be positioned in sonorous relation to the sound-conveying medium, the diaphragm sections being spaced from one another and connected together into a unitary vibrator by relatively thin webs, a magnetostrictive vibrator affixed to each section, the last-named vibrators having substantially the same natural period of mechanical vibration and elastically cooperating with their corresponding sections through their magnetostrictive expansion and contraction

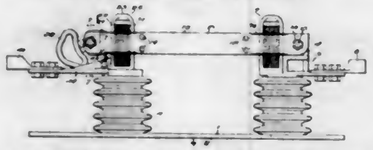


to interchange energy with the sound-conveying medium.

2,063,953
GLAZED CERAMIC WARE AND METHOD OF MAKING
Gordon R. Pole, Florence, Ala., assignor to Tennessee Valley Authority, Wilson Dam, Ala., a corporation of the United States
No Drawing. Application February 27, 1936, Serial No. 66,063
9 Claims. (Cl. 25—157)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. Process for making glazed ceramic ware, which comprises, burning a phosphate reduction furnace gas to form a gaseous mixture containing phosphorus pentoxide, and contacting a glazed ceramic ware with the gaseous mixture containing phosphorus pentoxide, while maintaining the ware at a glazing temperature.

2,063,954
SWITCH
Allan Ramsey, Evanston, Ill., assignor, by mesne assignments, to Schweitzer & Conrad, Inc., Chicago, Ill., a corporation of Delaware
Application April 19, 1930, Serial No. 445,548
65 Claims. (Cl. 200—162)

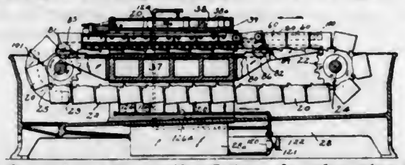


1. A switch contact comprising a plurality of parallel rows of substantially parallel spaced wires, and a support for both ends of the wires, one of said ends being permitted a limited amount of motion transversely of the rows.

2,063,955
APPARATUS FOR MACHINING METAL PARTS
Bernard P. Schiltz, Cleveland, Ohio, assignor to The Foote Burt Company, Cleveland, Ohio, a corporation of Ohio
Application November 9, 1932, Serial No. 641,851
20 Claims. (Cl. 29—33)

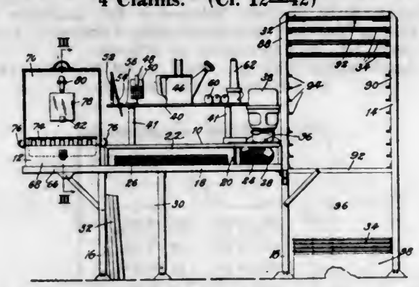
1. In a metal cutting machine, the combination of a plurality of non-rotating metal cutting tools, means for supporting the tools, a fixture, a machine frame having a slideway for movably supporting the fixture whereby the fixture may be moved linearly past the positions of the tools, said fixture including a work-supporting

spindle and means for rotating said spindle as the fixture is moved past one of said tools whereby a turning cut may be effected upon the



work, and means on the fixture for clamping the work rigid relative to the fixture whereby the work will have straight line cuts effected thereon by one of said tools.

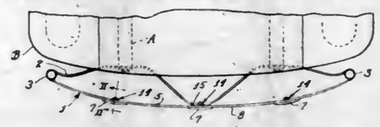
2,063,956
APPARATUS FOR USE IN COVERING HEELS
John C. Shambow, Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application March 23, 1933, Serial No. 662,323
4 Claims. (Cl. 12—42)



1. A cementing stand for a heel covering plant consisting of a unitary structure comprising a work bench adapted to support heel trays and cover trays, a cement tank located at one end of the bench for use in dipping heels, said tank having a flat cover disposed when closed in a horizontal plane at the level of the work supporting surface of the bench, thereby serving as an extension of the working area of the bench, a stop projecting upwardly from the rear of said tank for supporting said cover in an open position during heel dipping operations, a shelf located below the level of the working area of the bench and having a portion beneath the bench constructed and arranged to support accessories used in connection with the cementing operations and another portion serving as a support for said tank, a second shelf located above the level of the working area of the bench for supporting other accessories used in connection with the cementing operation, and uprights at the rear of the bench supporting said second shelf and arranged to cooperate with said stop to limit rearward movements of trays on the bench so as to prevent them from being displaced too far rearwardly upon the working area afforded by the bench and the closed cover of the cement tank.

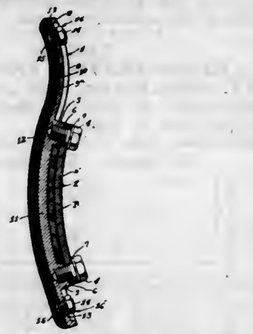
2,063,957
BUMPER CONSTRUCTION
Bladen M. Short, Detroit, Mich., assignor to General Spring Bumper Corporation, Detroit, Mich., a corporation of Michigan
Application January 29, 1934, Serial No. 708,729
4 Claims. (Cl. 293—55)

2. Bumper construction comprising an elongated impact bar structure having spaced substantially flat, vertical impact surfaces between the longitudinal edges of the structure, protective means comprising relatively rigid reinforcing means projecting between said surfaces and



relatively elastic means connected to said relatively rigid means and projecting in advance of said surfaces, and means for securing said protective means in assembly with said structure.

2,063,958
BUMPER GUARD
Bladen M. Short, Detroit, Mich., assignor to General Spring Bumper Corporation, Detroit, Mich., a corporation of Michigan
Application January 29, 1934, Serial No. 708,730
7 Claims. (Cl. 293—55)

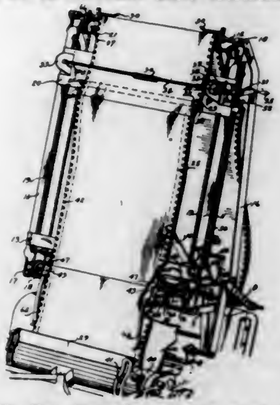


1. A bumper guard comprising a strap of a length substantially greater than the width of the impact bar to which the same is to be attached and provided with means to attach the strap transversely of the bar so as to materially increase the vertical range of effectiveness of the bar, and cushioning means including an elastic member and a relatively rigid member united together and carried by the strap and projecting forwardly thereof so as to protect the surface of the strap from injury by colliding objects.

2,063,959
MANIFOLDING ATTACHMENT FOR TYPEWRITERS
John Q. Sherman and Albert W. Metzner, Dayton, Ohio; said Metzner assignor to said Sherman
Application August 29, 1933, Serial No. 687,304
54 Claims. (Cl. 197—126)

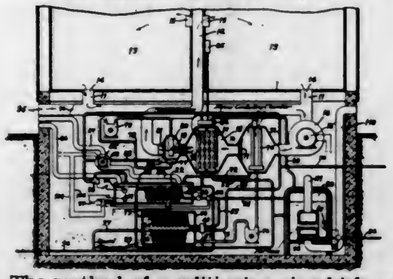
1. The herein described method of progressively feeding superposed record strips and interleaved transfer sheets about a rotary platen roll of a writing machine with which the record material has feeding engagement and intermittently retracting the transfer material, including progressively advancing the record strips and interleaved transfer material in unison by rotation of the platen roll, immovably holding the main portion of the record strips independently of the transfer material, giving to the platen roll a partial reverse rotation while maintaining the record material in feeding engagement therewith, to thereby form a relaxed bight of record strips between their point of engagement

with the platen roll and the point at which they are held so as to relax their frictional engage-



ment with the transfer sheets and thereupon retracting the transfer sheets.

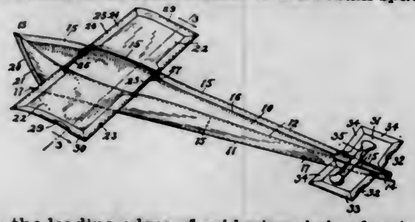
2,063,960
REFRIGERATING APPARATUS
Harry F. Smith, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware
Application June 23, 1930, Serial No. 463,085
16 Claims. (Cl. 183—120)



1. The method of conditioning air which comprises circulating air to and from an enclosure to a treating zone, contacting the air in said zone with a hygroscopic liquid of predetermined degree of concentration and temperature, automatically changing the temperature of the air being treated in accordance with the temperature of the air in said enclosure circulating said hygroscopic liquid in a closed path to and from said zone, automatically restoring the said liquid, after contact with said air, its predetermined degree of concentration and temperature by controlling the addition of water to said liquid in accordance with the specific gravity of said liquid.

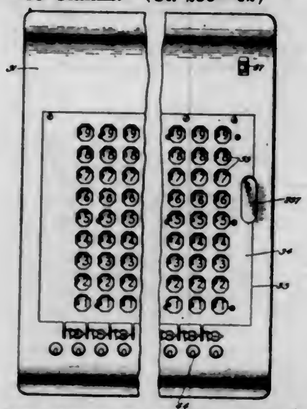
2,063,961
KITE PLANE
John T. Stoney, Lakewood, Ohio, and Ulmont B. Williams, Miami, Fla.
Application June 22, 1932, Serial No. 618,652
Renewed January 2, 1936
6 Claims. (Cl. 244—22)

1. A kite plane comprising a fuselage constructed of light material and V-shaped in cross section and having a keel terminating in an upwardly and forwardly projecting stem, gunwales secured to and extending aft from the upper end of said stem and converging toward said keel, means for bracing said gunwales apart to obtain a maximum spacing thereof forward of amidships of the fuselage, forward wings secured to said gunwales and extending outwardly from said fuselage adjacent the location of maximum spacing of said gunwales, said gunwales converging forwardly and rearwardly from said location of maximum spac-



ing, the leading edges of said wings being located rearwardly of said stem, and rear wings secured to said gunwales adjacent to the stern of said fuselage, whereby the plane will normally assume a substantially horizontal position when in flight.

2,063,962
KEY-RESPONSIVE CALCULATING MACHINE
Joseph A. V. Turck, Wilmette, Ill., assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application May 22, 1929, Serial No. 364,974
35 Claims. (Cl. 235—62)

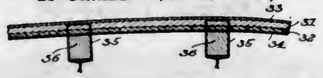


1. In a key-responsive calculating machine, an accumulator, actuators for said accumulator, means for determining the differential positioning of said actuators, means for driving said actuators, power means, means for connecting said power means and said driving means, said connecting means cooperating with said power means to effect disconnection therefrom at an invariable point in the operative cycle of said driving means.

2,063,963
REACTION PRODUCTS OF AMINES WITH STRONG POLYBASIC MINERAL ACIDS
Heinrich Ulrich, Paul Koerding, and Joseph Nuesslein, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application May 2, 1931, Serial No. 534,689. Renewed November 5, 1934. In Germany May 7, 1930
13 Claims. (Cl. 260—98)

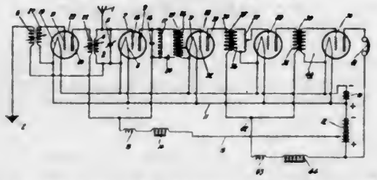
1. Sulphuric esters of secondary amines which are free from acyl and urethane groups and contain an alkylol radical and an aliphatic hydrocarbon radical containing at least 3 carbon atoms.

2,063,964
CONSTRUCTION MATERIAL
Charles A. Upson, Lockport, N. Y., assignor to The Upson Company, Lockport, N. Y., a corporation of New York
Application July 7, 1932, Serial No. 621,195
15 Claims. (Cl. 154—44)



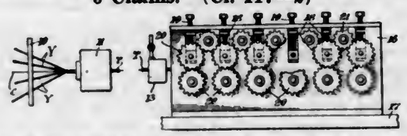
1. Construction material for automobile tops and the like, comprising, as one ply, a closely matted, porous, relatively tough, separately formed fibrous panel having a substantial degree of sound deadening and having sufficient strength, toughness, rigidity, and resilience to be capable of being bent to and of maintaining permanently without cracking a smooth doubly curved shape such as that of an automobile top and to be capable of carrying substantial loads between spaced supports, and a second facing ply separately formed and permanently secured to said first ply throughout substantially the entire common area of the two plies, said second facing ply being of weather resisting sheet material treated to render it substantially impervious to water and being readily flexible in normal cold condition and sufficiently thick to mask surface irregularities of said fibrous panel.

2,063,965
SELECTIVE TUNING SYSTEM
Philip J. Walsh, San Francisco, Calif.
Application June 29, 1927, Serial No. 202,390
Renewed December 31, 1934
5 Claims. (Cl. 250—20)



3. In an amplifier system, a pair of paths in parallel, a source of current supplying said paths, means for maintaining the current supplied to said paths by said source substantially constant, means responsive to received impulses for varying the impedance of one of said paths, whereby the currents through said paths are varied, and means coupling the paths in such manner that the path whose impedance is varied receives a further impedance variation in the same direction responsive to the variation of the current in the other path.

2,063,966
TWINE
Louis I. Whitlock, Elizabeth, N. J., assignor to Whitlock Cordage Company, New York, N. Y., a corporation of New Jersey
Application February 3, 1934, Serial No. 709,570
6 Claims. (Cl. 117—2)



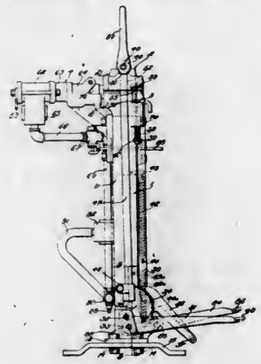
1. The process of manufacturing flat twine which comprises twisting together a plurality of yarns to form round twine, introducing a core impregnated with binding material into the twine during the twisting operation and compressing the round twine into flat configuration.

2,063,967
COMPRESSION JOINT
Benjamin B. Whittam, Akron, Ohio
Application March 22, 1935, Serial No. 12,444
18 Claims. (Cl. 215—40)



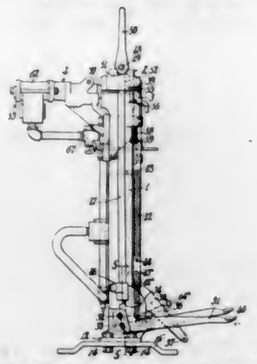
18. A compression joint comprising concentric inner and outer members of circular section having a tandem arrangement of pairs of opposed ring seats of different diameters, and a plurality of wrappable soft-rubber rings of greater width than thickness, formed with core portions adapted to be concurrently rolled over the ring seats of the inner member to wrap said rings under compression by relative axial movement of said members.

2,063,968
FORGING MACHINE
Wade H. Wineman, Michigan City, Ind., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application June 11, 1931, Serial No. 543,635
12 Claims. (Cl. 76—5)



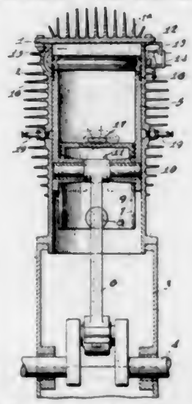
1. In a forging machine, a stationary anvil die, a cooperating die movable bodily towards and from said anvil die, an actuating motor for said cooperating die having a blow striking portion and a guide for the latter engageable in end abutment with said cooperating die to thrust the latter towards said anvil die, means including yieldable means and an actuating element for yieldably moving said motor towards said anvil die, and means for controlling the operation of said motor actuated by force transmitted through a moving portion of said means for yieldably moving the motor but only on predetermined yielding of said yieldable means.

2,063,969
FORGING MACHINE
Wade H. Wineman, Michigan City, Ind., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Original application June 11, 1931, Serial No. 543,635. Divided and this application November 22, 1932, Serial No. 643,868
33 Claims. (Cl. 76—5)



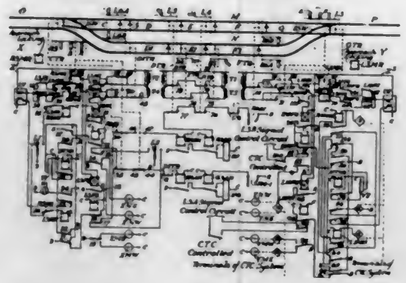
1. In a forging machine, a clamping member, a cooperating pivoted clamping member, and means for effecting clamping operation of said pivoted clamping member including means for transmitting a clamping force thereto cooperating therewith at a point spaced from its axis of pivotal movement and cooperating clamping means associated with an element of said first mentioned means and actuated thereby.

2,063,970
ENGINE
Robert D. Young, San Francisco, Calif.
Application January 10, 1930, Serial No. 419,926
9 Claims. (Cl. 123—50)



7. In an engine construction, a cylinder, a piston mounted therein, an adjustable firing head within the piston and connected to the cylinder and cooperating with the piston for providing a compartment, eccentrics connected to the firing head on diametrically opposite sides thereof, operating shanks secured to the eccentrics and projecting through the wall defining the cylinder, and means for actuating the shanks, whereby the capacity of the piston compartment may be varied.

2,063,971
RAILWAY SIGNALING SYSTEM
Henry S. Young, Wilkinsburg, and Earl M. Allen, Swissvale, Pa., assignors to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application December 21, 1934, Serial No. 758,614
24 Claims. (Cl. 246—26)



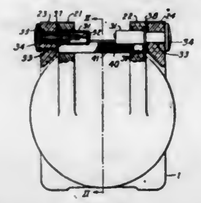
1. In combination, a stretch of railway track, signals for governing traffic in opposite directions through the stretch, a sectionalized line wire adapted for use as the common line wire in the control of said signals, a traffic locking circuit for the stretch having as one conductor the different sections of said sectionalized line wire, directional means at each end of the stretch to govern traffic entering the stretch at its end and arranged to be at times controlled by the traffic locking circuit, a current source at each end of the stretch adapted to at times supply current to the traffic locking circuit for controlling the directional means at the opposite end of the stretch, and repeating means at each sectionalized location of said line wire comprising a transformer through the medium of which current transmitted to one end of sectionalized line wire is induced in the adjacent section in either direction to thereby carry through from end to end of the stretch the control effected by the connection of the current source at one end to the directional means at the other end in either direction.

2,063,972
FLUID-CIRCULATING CLEANING COMPOSITION
Elmer Wade Adams and Thomas Hunton Rogers, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill., a corporation of Indiana
No Drawing. Application May 25, 1932, Serial No. 613,590
9 Claims. (Cl. 87—5)

1. The method of removing grease and incrustation deposits from fluid circulating systems without dismantling the same, which comprises circulating a cleaning agent through said system, said cleaning agent comprising the following proportion of ingredients; about three gallons of water, from 0.5 to 2 pints of a light mineral oil and from ⅓ to 1 pint of inhibited 25–30% sulfuric acid.

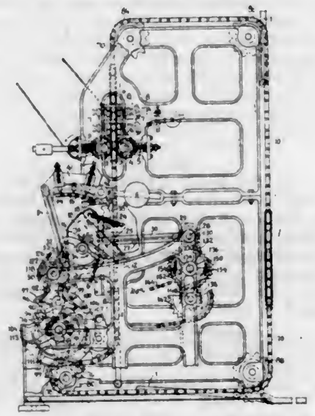
4. A cleaning composition for fluid circulating systems, comprising the following proportion of ingredients; about three gallons of water, from 0.5 to 2 pints of a light mineral oil having a viscosity from 40 to 120 seconds Saybolt at 100° F., and about one-half pint of 15 to 30% hydrochloric acid containing from 0.1 to 1 gram of an organic base separated from mineral oils.

2,063,973
MEASURING DEVICE
Clare Anderson, Verona, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 22, 1934, Serial No. 716,920
1 Claim. (Cl. 88—23)



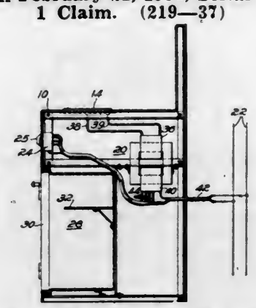
In combination in a portable photometer, an electric meter, a meter housing of moulded insulation material having an integral bracket member extending therefrom, a photo-cell, a photo-cell casing of moulded insulation material having an integral arm extending therefrom, a bearing for pivotally securing said arm to said bracket comprising a pair of hollow metal sleeves disposed in concentric relation, and conductive means between said meter and said photo-cell including a flexible conductor disposed in said hollow sleeves and having one end soldered to one sleeve and the other end soldered to the other sleeve whereby a direct conductive connection is provided through said hollow bearing sleeves.

2,063,974
MACHINE FOR OPERATING UPON HIDES, SKINS, AND PIECES OF LEATHER
Harrie A. Ballard, Beverly, Mass., assignor to The Turner Tanning Machinery Company, Portland, Maine, a corporation of Maine
Application January 10, 1935, Serial No. 1,209
27 Claims. (Cl. 149—8)



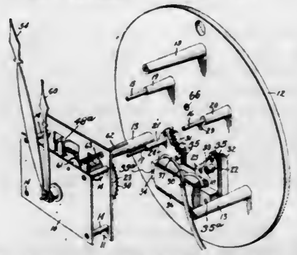
18. In a machine for operating upon hides, skins, and pieces of leather, work treating means, a table movable in a vertical plane to present a piece of work to the work treating means, a bladed member, a work support for co-operation with the bladed member, and a work gripper for moving a portion of the work over the surface of the work support and transversely across said vertical plane to position the work in the path of the vertically movable table.

2,063,975
ELECTRIC RANGE
Alfons Barnsteiner, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application February 21, 1934, Serial No. 712,319
1 Claim. (219—37)



In an electric range structure, the combination of a cooking platform, a plurality of heating units mounted thereon in line near the front thereof, a transformer electrically connected to one of the units and mounted underneath the rear portion of the platform, a receptacle storage compartment in the front of said structure beneath said platform and in front of said transformer, and a control switch for said unit mounted on the front of said structure above said compartment.

2,063,976
ELECTRIC CLOCK
Clinton Bateholts, Hoosick Falls, N. Y.
Application September 7, 1932, Serial No. 632,005
6 Claims. (Cl. 58—26)

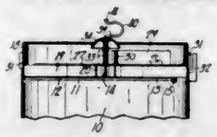


1. In an electric clock having a gear train assembled in a frame, a moulded back supporting plate having lugs extending therefrom for supporting said frame, a main drive shaft for driving said train, one end of said shaft being journaled in said back supporting plate, and the other end of said shaft being journaled in said frame and electro-magnetic means for rotating said shaft.

2,063,977
SMOKER'S UTENSIL
William F. Black, South Bend, Ind.
Application June 7, 1934, Serial No. 729,460
8 Claims. (Cl. 131—51)

1. In combination, a receptacle, a plate fixedly carried by said receptacle in spaced relation below the upper end thereof, said plate having an opening at one side thereof, an annular member fitting into the upper end of said receptacle and resting upon said plate, a spider fixedly carried by said annular member and including a plurality

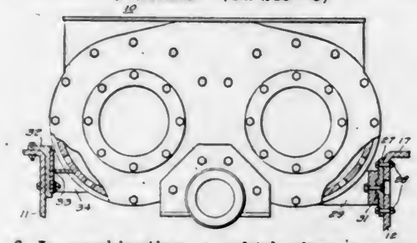
of spaced sets of vertically disposed strips bearing on said plate, a vertical stud carried by said plate, a second plate bearing on said spider having an opening for the reception of said stud and an opening disposed in diametrically opposed relation to the opening of said first plate, a scraper fixedly carried by said annular member and bearing on said second plate, and a cigarette holder carried by said stud and including a head of a radius greater than the spacing of the inner end of said opening in said second plate from the center of said plate, said annular member, scraper and spider being rotatable as a unit relative to said receptacle and plates.



2,063,978
SUPPORT FOR VEHICLE MOTORS

Paul Bollinger, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application February 23, 1934, Serial No. 712,569
7 Claims. (Cl. 248—6)



6. In combination, a vehicle frame, a motor having a frame for driving the vehicle, means on one side of the motor frame for rigidly supporting the motor from the vehicle frame, a single supporting foot on the opposite side of the motor frame, a plate member adapted to cooperate with the single supporting foot to form a trunnion assembly, and means for securing the plate member to the vehicle frame.

2,063,979
DIELECTRIC MATERIAL

Harold S. Booth, Cleveland Heights, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

No Drawing. Application March 23, 1935, Serial No. 12,748
3 Claims. (Cl. 252—1)

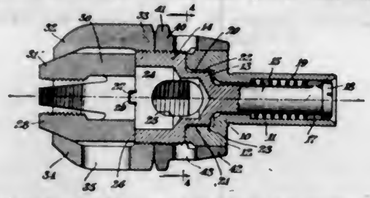
1. A dielectric liquid comprising a mixture of the halogenated derivatives of benzotrifluoride comprising isomeric trichlorobenzotrifluorides, tetrachlorobenzotrifluorides, and pentachlorobenzotrifluoride.

2,063,980
DIE HOLDER

Chester F. Bruce, Greenfield, Mass., assignor to Greenfield Tap and Die Corporation, Greenfield, Mass., a corporation of Massachusetts

Application September 9, 1935, Serial No. 39,719
8 Claims. (Cl. 10—89)

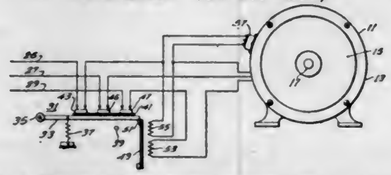
1. A die holder comprising a hollow driving shank having an enlarged end provided with an outer cylindrical surface, a die holding body having a die holding head and a stem which fits loosely within said shank, whereby said body tends to sag below the longitudinal axis of said shank, means for transmitting driving torque from said shank to said body, and a guide nut threaded over said head, said guide nut having an extension guide provided with an inner cylindrical surface which fits closely, but slidably, over said cylindrical surface of the enlarged end of said shank, thereby preventing said sag of said body.



2,063,981
PROTECTIVE SYSTEM FOR POLYPHASE MOTORS

Harry C. Brunner, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application May 19, 1934, Serial No. 726,603
13 Claims. (Cl. 175—294)



1. A thermal protective system for an electric motor having an energizing winding, comprising circuit-interrupting means for the energizing winding biased to open position, thermally-actuable latching means normally holding the circuit-interrupting means closed, a plurality of heating elements in heat-transferring relation to the latching means, and means responsive to the temperature of a selected part of said motor for governing the circuit connections of one of said heating elements to cause opening of the circuit interrupting means selectively responsive to different characters of motor overload.

2,063,982
STABILIZED RUBBER LATEX

Hugh Mills Bunbury, Prestwich, and Robert Bertram Fisher Frank Clarke, Cheadle Hulme, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application November 18, 1933, Serial No. 698,586. In Great Britain December 5, 1932
2 Claims. (Cl. 18—50)

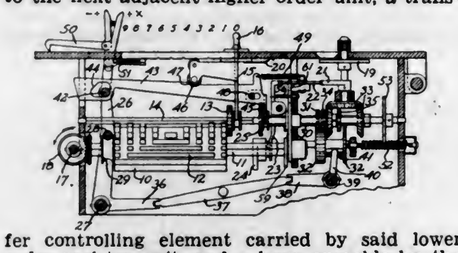
1. A process for producing stable rubber latices which comprises mixing with a rubber latex a small proportion of an alkali salt of a compound having the formula A—SO_3H wherein A represents a spermaceti alcohol radical.

2,063,983
CALCULATING MACHINE

George Clinton Chase, South Orange, N. J., assignor to Monroe Calculating Machine Company, Orange, N. J., a corporation of Delaware

Application January 23, 1935, Serial No. 3,091
21 Claims. (Cl. 235—75)

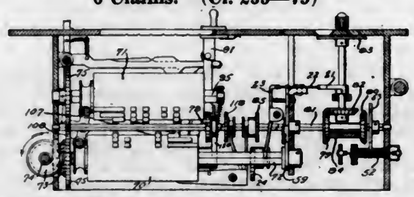
1. In a multiple unit totalizing register, tens transfer mechanism including a settable, normally operative transmission element adapted upon registering movement of a lower order register unit to effect a tens transfer of opposite sign to the next adjacent higher order unit, a transfer controlling element carried by said lower order register unit, and a lever operable by the controlling element to set the transmission element to inoperative position.



2,063,984
CALCULATING MACHINE

George C. Chase, South Orange, N. J., assignor to Monroe Calculating Machine Company, Orange, N. J., a corporation of Delaware

Application November 8, 1935, Serial No. 48,810
6 Claims. (Cl. 235—75)

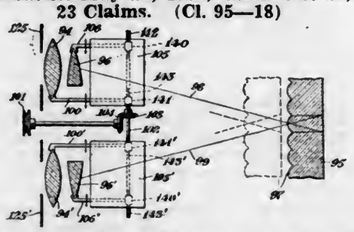


1. In a calculating machine having numeral wheels; digit selector devices, actuators including elements settable by said devices and cooperating elements adapted to register on said numeral wheels the selected values and complements thereof or alternatively to register products of such values and complements thereof, cooperating tens product gearing, normally disabled means for setting the tens product gearing to and from operative position in accordance with the setting of the selector devices, means settable to adjust the cooperating actuator elements from selected value to product registering condition, and means connected with the last named means and settable therewith to enable the normally disabled setting means.

2,063,985
APPARATUS FOR MAKING A COMPOSITE STEREOGRAPH

Douglas Fredwill Winnek Coffey, New York, N. Y., assignor to Winnek Stereoscopic Processes, Incorporated, Wilmington, Del., a corporation of Delaware

Application May 24, 1935, Serial No. 23,201
23 Claims. (Cl. 95—18)

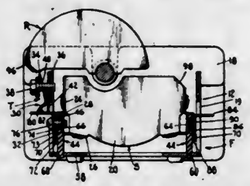


1. Apparatus for making a composite stereograph which comprises lens means, an image screen, a resolving screen containing a plurality of resolving elements, and adjustable means adapted to vary the angle at which marginal rays from said lens means pass through the elements of said resolving means and onto said image screen.

2,063,986
VARIABLE CONDENSER AND TRIMMER THEREFOR

Samuel Cohen, Brooklyn, N. Y., assignor to General Instrument Corporation, New York, N. Y., a corporation of New York

Application May 8, 1934, Serial No. 724,491
13 Claims. (Cl. 175—41.5)



1. A variable condenser comprising a frame supporting a rotor, a plurality of stator plates and combs connecting the edges thereof to form a stator assembly, means mounting the stator in place within the frame, a trimmer plate, and means detachably mounting the trimmer plate on the stator comb independently of the means supporting the stator in the frame, said means including a part of the trimmer plate mating with a part of the adjacent stator comb.

9. A variable condenser comprising a frame, a rotor supported thereby, a plurality of stator plates and combs connecting the edges thereof to form a stator assembly, means mounting the stator in place within the frame, a soldering lug, and integrally formed mating means on said comb and lug for holding the lug on the comb.

13. A spacer and support member or comb for a variable condenser, said comb comprising a piece of sheet metal shaped and bent to form an upper holding portion or strap, a lower holding portion or strap, an outwardly bent channel portion interconnecting said lower and upper straps, the channel portion being longitudinally slotted adjacent the straps to provide slight yieldability of the straps.

2,063,987
AMINO CARBOXYLIC ACID CONDENSATION PRODUCTS AND PROCESS OF MAKING THEM

Henry Dreyfus, London, England

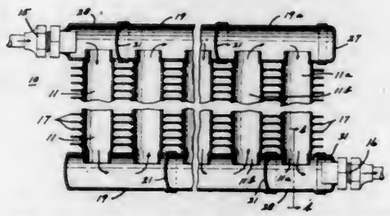
No Drawing. Application August 22, 1932, Serial No. 629,902. In Great Britain September 18, 1931
5 Claims. (Cl. 260—99.12)

1. Process for the manufacture of organic compounds, which comprises condensing a compound selected from the group consisting of aliphatic amino-carboxylic acids containing more than one carbon atom and their esters with a compound selected from the group consisting of resin acids and their esters, anhydrides and acid chlorides to form an amide containing at least twelve carbon atoms.

3. Process for the manufacture of organic compounds, which comprises reacting a compound selected from the group consisting of aliphatic amino-carboxylic acids containing more than one carbon atom and their esters with an acidylating agent selected from the group consisting of resin acids and their esters, anhydrides and

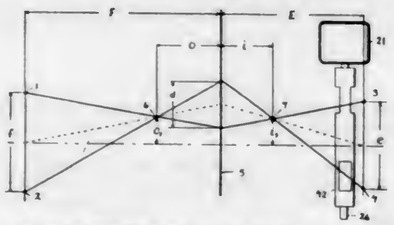
acid chlorides, to form an amide containing at least twenty carbon atoms, and with a sulphonating agent.

2,063,988
REFRIGERATING APPARATUS
Herman J. Dick, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application July 31, 1934, Serial No. 737,782
Renewed October 8, 1935
5 Claims. (Cl. 257—252)



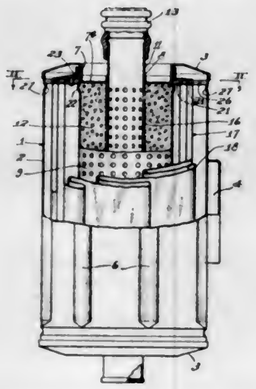
1. An evaporator for a refrigerating system having an inlet and an outlet connection comprising in combination, a plurality of lengths of pipe, header means at each end of said pipes for positioning portions of the pipes relatively close together in substantially parallel relation, said header means including a plurality of cup-like conduit members secured together in end to end relation, and said cup-like conduit members connecting the corresponding ends of certain of said pipes in communicative relation and preventing communication of said connected pipe ends with the corresponding ends of other of said plurality of pipes to provide a refrigerant flow circuit through the evaporator connected in series with said inlet and said outlet connections thereof.

2,063,989
STEREOFLUOROSCOPIC APPARATUS
Jesse W. M. Du Mond, Pasadena, Calif.
Application February 8, 1932, Serial No. 591,654
10 Claims. (Cl. 250—34)



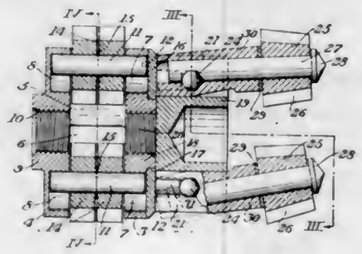
1. A stereofluoroscopic apparatus comprising: two X-ray sources; supporting means for said X-ray sources; a fluoroscopic screen positioned to receive radiations from said sources; supporting means secured to said screen and comprising a movable arm pivotally secured to said first-named supporting means; an image selector positioned for viewing images on said screen produced by said radiations; supporting means secured to said selector and pivotally secured to said movable arm; and link means connecting said selector supporting means and said first-named supporting means in a parallelogram arrangement whereby the ratio of selector-screen distance to source-screen distance is maintained constant during movement of said screen toward and away from said X-ray sources.

2,063,990
AIR-PURIFYING CANISTER
Joseph B. Dym, Pittsburgh, Pa., assignor to Mine Safety Appliances Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application December 19, 1935, Serial No. 55,220
6 Claims. (Cl. 183—44)



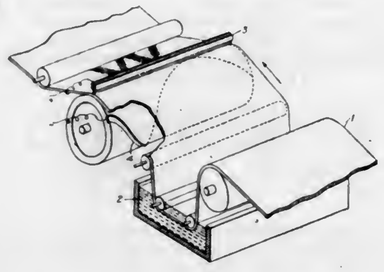
1. In a respirator comprising a body member through which purified air is passed, the combination with said member of a sheet of filter material surrounding said member in the path of all of the air passing through said member, said sheet being provided with a plurality of spaced overlapping folds with the two layers of each fold spaced apart, whereby to provide a surface area great enough to allow sufficient air to pass through said sheet for substantially unrestricted breathing.

2,063,991
TUBE CLEANER
William S. Elliott, Pittsburgh, Pa., assignor to Elliott Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application July 28, 1932, Serial No. 625,267
6 Claims. (Cl. 15—104.13)



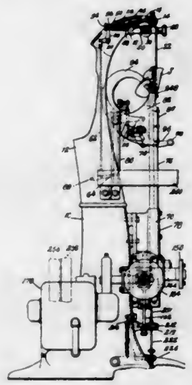
1. In a tube cleaner, a rotatable head having separable portions, radially outwardly swinging cleaning elements carried by one portion of said head, and radially outwardly sliding cleaning elements carried by another portion of said head, said portions having common means so constructed and arranged as to permit upon separation thereof assembly and disassembly of the cleaning elements and their respective portions of the head.

2,063,992
FACSIMILE RECEPTION
Howard M. Elsey, Oakmont, Pa., assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania
Application June 10, 1932, Serial No. 616,475
4 Claims. (Cl. 204—1)



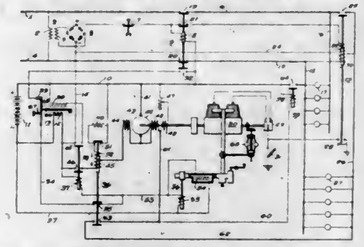
3. In combination with a silver anode for facsimile receiving to precipitate free silver in a receiving sheet, an electrolyte comprising reagent to precipitate silver ions as dissolved from the anode, and organic reducing agent to release free silver from the precipitate, and containing metal in solution to be released as free metal in the receiving sheet.

2,063,993
SHOE-TURNING MACHINE
Andrew Eppler, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application May 5, 1933, Serial No. 669,563
17 Claims. (Cl. 12—57)



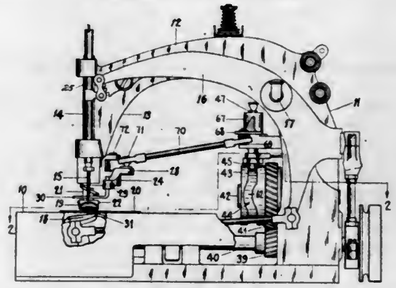
1. A shoe-turning machine comprising a plurality of shoe-engaging members constructed and arranged for relative movement to turn a shoe, a power driven shaft, mechanism driven by said shaft for effecting said relative movement, a reversing gear for determining the direction of drive of said shaft, means acting upon said reversing gear to cause said shaft to be driven normally in a direction to effect an operative movement of said shoe-engaging members, and means for causing said reversing gear to reverse the drive of said shaft to effect a return movement of said shoe-engaging members.

2,063,994
EMERGENCY ELECTRIC PLANT
Leo C. Frank, Irwin, and Stanley A. Bobe, McKeesport, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application June 14, 1934, Serial No. 730,628
5 Claims. (Cl. 290—30)



4. In an electric system, a consuming device, a source of alternating current, a source of direct current, said sources being adapted to be connected respectively to supply energy to said device, a rectifier, means, connected to the rectifier to be responsive to the voltage of said source of alternating current, adapted to disconnect said device from said source of alternating current, and means, responsive to the voltage of said direct-current source of power, adapted to connect said devices to said source of direct-current power.

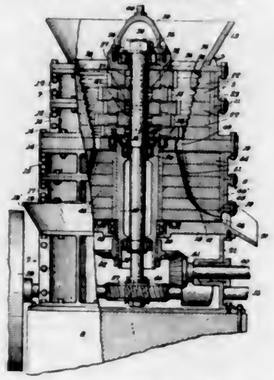
2,063,995
ORNAMENTED LOOP-STITCH SEWING MACHINE
Joseph Galkin, New York, N. Y.
Application January 24, 1936, Serial No. 60,554
4 Claims. (Cl. 112—100)



1. In combination with a sewing machine having a plurality of needles and a main shaft positioned intermediate the base-plate and the work supporting base, a stud fixed above and in spaced parallel relation with said main shaft, said main shaft having gear means fixedly mounted thereon and being intermeshed with gear means rotatably mounted on said stud, said upper gear having a cam fixed thereto, a bell-crank lever having upper and lower horizontally disposed arms, said upper arm carrying a roller and being in tangential engagement with a roller groove in the outer peripheral surface of said cam, a loop spreader pivotally mounted on the base-plate of said sewing machine, a link connecting said spreader with the lower arm of said bell-crank lever and thereby constraining said spreader to oscillate due to the rotation of said main shaft, said needles being spaced apart and being movable vertically for forming two parallel rows of straight-line stitching, said bell-crank lever be-

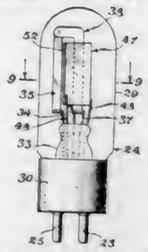
ing rotatably mounted on a vertical shaft, and means driven from said shaft for laying a cross-stitch beneath the needle threads.

2,063,996
MILL
Joseph Adrien Gervais, Toronto, Ontario, Canada, assignor to Diog, Inc., Buffalo, N. Y., a corporation of New York
Application June 20, 1933, Serial No. 676,672
9 Claims. (Cl. 83—53)



1. A crusher comprising a casing, means having relatively fixed crusher surfaces within said casing, a shaft in said casing, a plurality of eccentrics carried thereby, and a movable crusher ring actuated by each said eccentric, and means for conducting oil to the surfaces of said eccentrics and means for forcing fluid outwardly between the crusher rings operated by said eccentrics.

2,063,997
SYSTEM AND APPARATUS FOR CIRCUIT CONTROLLING
Frank W. Godsey, Jr., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company, a corporation of New Jersey
Original application October 22, 1930, Serial No. 490,460. Divided and this application November 12, 1931, Serial No. 574,515
19 Claims. (Cl. 200—122)



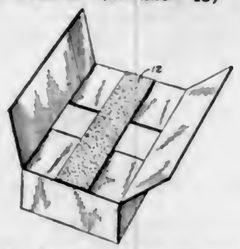
1. In a device of the character described, in combination, an exhausted vessel, a support within said vessel, a bimetallic member mounted upon said support, a contact carried by said bimetallic member, a pair of electrical heating units positioned upon opposite sides of said bimetallic member, a second bimetallic member mounted upon said support, a contact carried by said second bimetallic member, and an insulating member interposed between said electrical heating units and said second bimetallic member, said first-mentioned bimetallic member having a relatively high coefficient of heat absorption and said second-mentioned bimetallic member having a relatively low coefficient of heat absorption.

2,063,998
ELECTRO-OPTICAL SYSTEM
Frank Gray, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 13, 1930, Serial No. 502,087
44 Claims. (Cl. 178—6)



1. Image producing means comprising a series of strip light sources each corresponding to a unit line of an image field, and means for simultaneously energizing a plurality of said light sources to constitute remotely spaced unit lines of the image and for successively energizing all of said sources.

2,063,999
GUMMED TAPE AND METHOD OF SEALING THEREWITH
Woodford F. Harrison, Berkeley, Calif., assignor to The Adhesive Products Company, San Francisco, Calif., a corporation of California
Application July 17, 1935, Serial No. 31,821
7 Claims. (Cl. 229—45)



1. A gummed tape comprising two strips of tape material each having a gummed surface and temporarily bonded together at their ungummed surfaces.

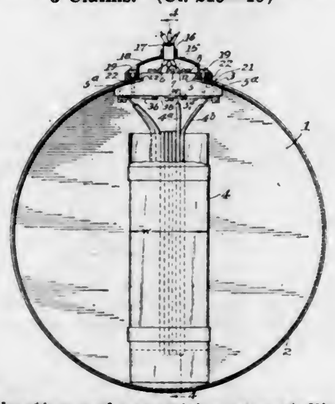
2,064,000
SEPARATING APPARATUS
Emanuel W. Hartman, Glendale, Calif., assignor to Hartman Gold Placer Syndicate, Chicago, Ill.
Application January 11, 1933, Serial No. 651,195
5 Claims. (Cl. 209—485)



1. In a separating table, a floor plate member of irregular surface contour having generally lateral channels or grooves arranged therein and emptying into deeper longitudinal channels, said lateral channels deepening toward the longitudinal channel.

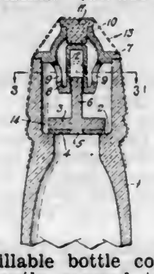
CARNEGIE LIBRARY OF ATLANTA

2,064,001
ELECTRIC HEATING PAD
Roland C. Hilton, Los Angeles, Calif., assignor to Jude Torf, Los Angeles, Calif.
Application December 31, 1934, Serial No. 759,882
3 Claims. (Cl. 219—19)



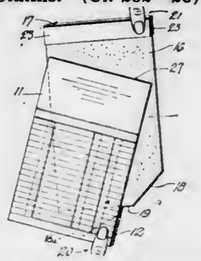
3. A heating pad comprising: a metallic disc-shaped hollow envelope having a peripheral wall portion provided with a circumferentially elongated opening; a resistance heating unit disposed within said envelope and aligned with said opening and having its dimension in the plane of said envelope materially greater than the thickness of said envelope and less than the length of said opening, whereby said heating unit may be inserted and removed through said opening; an inner attachment member having a body portion disposed within said envelope, said body portion being of greater length than said opening along the circumference of said envelope and projecting beyond the ends of said opening, with the projecting portions thereof engaging the inner surface of said peripheral wall, and said body portion having its dimension in the direction of the radius of said envelope materially less than the length of said opening, whereby said body portion may be tilted to position to pass through said opening; electrical connection means mounted on said inner attachment member and connected to said heating unit; and an outer attachment member disposed exteriorly of said envelope and engaging the outer surface of said peripheral wall; and means securing said inner and outer attachment members together and serving to clamp said peripheral wall therebetween adjacent the ends of said opening.

2,064,002
NON-REFILLABLE BOTTLE CLOSURE
Samuel Herzog, White Plains, N. Y.
Application July 24, 1934, Serial No. 736,643
3 Claims. (Cl. 215—26)



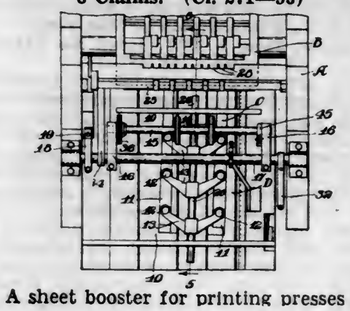
1. A non-refillable bottle comprising closure means permanently secured to the mouth of the bottle and having an aperture therethrough, a downwardly tapered hollow section comprised of downwardly converging annular walls supported by said closure means and limiting together with said closure means a downwardly tapered chamber, said walls being spaced away from the walls of the bottle and having radially spaced passages therethrough adapted to form jets of inflowing liquid entering under pressure, a slidable valve consisting of a horizontally disposed circular member of a size greater than the lower end of said hollow section so that the peripheral portions thereof extend into the path of inflowing liquid, a guide stem associated with said circular member and perpendicular thereto, a guide passage adapted to receive therein said guide stem and a valve seat consisting of an inwardly extending annular shoulder spaced below said hollow section a distance at most no greater than the length of said guide stem.

2,064,003
TRANSFER SET
Max Hopp, New York, N. Y.
Application June 24, 1936, Serial No. 86,899
4 Claims. (Cl. 282—23)



1. A transfer set including a plurality of writing sheets, a carbon sheet disposed therebetween, an adhesive binding along a top edge of the set interconnecting the sheets, the sheets being free of each other at the opposite edge of the set, the carbon sheet having a diagonal line of weakness at a corner thereof at said free edge, the writing sheets extending beyond the line of weakness at said corner and the sheets being coextensive with each other at said free edge, the writing sheets each having a line of weakness spaced from but in relative proximity to said adhesive binding, the carbon sheet being otherwise of uniform strength throughout, whereby the carbon sheet can be removed by grasping the set at the bound edge and at the said corner thereof.

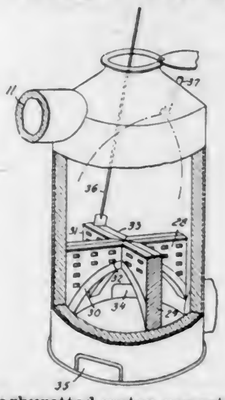
2,064,004
SHEET FEEDER
William Roy Hotchkiss, St. Paul, Minn.
Application June 24, 1933, Serial No. 677,479
8 Claims. (Cl. 271—53)



1. A sheet booster for printing presses includ-

ing, a series of resilient tired wheels, means for holding said wheels inoperative, preliminary side and front sheet registering means associated with said wheels, a Geneva mechanism for intermittently operating said wheels, a gear back lash preventing brake therein, means for causing said wheels to engage the sheet before rotation of the same, and means for releasing the wheels from the sheet after it has been boosted by said wheels into printing position.

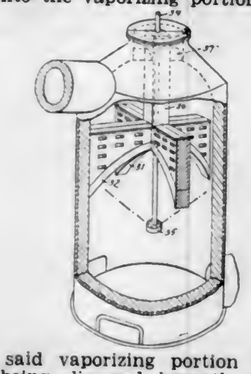
2,064,005
WATER GAS SET
Charles H. Hughes, Glen Ridge, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y., a corporation of New York
Application June 5, 1931, Serial No. 542,270
11 Claims. (Cl. 48—79)



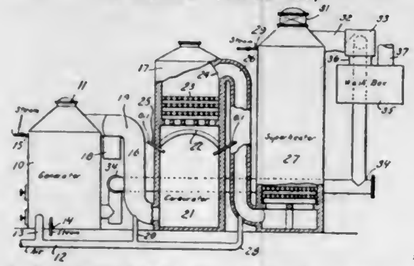
1. In a carburetted water gas set, a carburetor comprising a chamber closed at the base and lined with refractory material, said chamber containing an unobstructed vaporizing portion, said chamber containing arches of refractory material extending from and bonded with said lining, said arches rising to a point of intersection at a point substantially on the axis of the carburetor to provide an unobstructed space at the bottom of the carburetor, said arches functioning to retain heat and ignite the mixture of air and blast gases passing through the carburetor during the blasting cycle, and means separate from said arches for introducing oil into the vaporizing portion of the carburetor.

2,064,006
CARBURETOR FOR CARBURETED WATER GAS SETS
Charles H. Hughes, Glen Ridge, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y., a corporation of New York
Application June 5, 1931, Serial No. 542,271
16 Claims. (Cl. 48—79)

1. In a carbureted combustible gas generating set, a carburetor comprising a chamber having a gas inlet and a gas outlet, said chamber containing an unobstructed vaporizing portion located below the gas inlet and occupying the major portion of the volume of the carburetor, and a refractory wall occupying a minor portion of the volume of the carburetor, located above said vaporizing portion and adjacent the gas inlet and disposed from one side of the carburetor to the other, and having its top below the gas inlet, said wall functioning to retain heat and ignite the mixture of air and blast gases upon their entrance to the carburetor during the blasting cycle, and means for introducing oil into the vaporizing portion of the carburetor, said vaporizing portion of the carburetor being disposed beneath the said refractory wall.



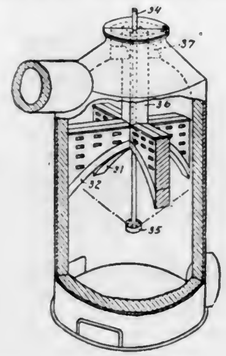
2,064,007
CARBURETED WATER GAS SET
William Tiddy, Scarsdale, N. Y., assignor to Semet-Solvay Engineering Corporation, New York, N. Y., a corporation of New York
Application June 5, 1931, Serial No. 542,287
2 Claims. (Cl. 48—80)



1. A carbureted water gas set comprising a generator, a single carburetor and a superheater connected in series, the individual units being contained in separate and detached shells, the generator being connected with the base of the carburetor and the top of the carburetor being connected with the superheater, a gas offtake from the superheater, an arch in said carburetor disposed above the mid portion and arranged to support checkerbrick in the top of the carburetor, the portion of the carburetor below the arch being devoid of checkerbrick, and an oil spray extending through the wall of the carburetor near the arch arranged to discharge oil into the stream of water gas passing up through the carburetor during the water gas making cycles.

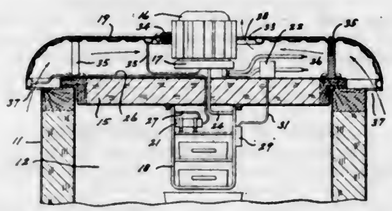
2,064,008
PROCESS OF MAKING CARBURETED WATER GAS
Charles H. Hughes, Glen Ridge, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y., a corporation of New York
Original application June 5, 1931, Serial No. 542,271. Divided and this application July 19, 1933, Serial No. 681,061. In Great Britain June 1, 1932
5 Claims. (Cl. 48—205)

5. In a process for producing carbureted water gas in a set involving a carburetor consisting of an ignition chamber composed of intersecting walls extending from one side of the carburetor to the other in the upper portion of the carburetor, providing large unobstructed passageways for free flow of gass therethrough, and a vaporizing chamber in series, the upper portion of said vaporizing chamber being defined by the base of said walls which are dome-shaped, the said ignition chamber occupying a minor portion of the carburetor and the said vaporizing chamber constituting the remaining portion of the carburetor and being substantially unobstructed, the steps which comprise alternately preheating said carburetor by introducing blast gases and secondary air from an outside source into the



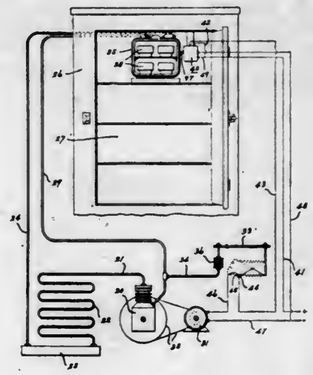
ignition chamber, which causes ignition of the blast gases to take place, and subsequently burning said gases in the vaporizing chamber, intermittently flowing water gas from an outside source through said chambers in series, projecting a plurality of sprays of heavy oil into the vaporizing chamber from the periphery of the carburetor, the said sprays converging in the top portion of the carburetor beneath the said walls and being projected in a direction opposite to the flow of water gas through the carburetor, causing carbonaceous deposits formed upon decomposition of the heavy oil to settle through the said vaporizing chamber into the bottom of the carburetor, and removing the carbureted water gas from the carburetor.

2,064,009
REFRIGERATING APPARATUS
Harry B. Hull, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application February 27, 1934, Serial No. 713,195
18 Claims. (Cl. 62—116)



18. Refrigerating apparatus comprising in combination, a cabinet including a plurality of stationary walls and a removable wall portion forming a food storage compartment, said stationary walls and said removable wall portion having finished metallic exterior surfaces, a closed refrigerating system associated with said removable wall portion of the cabinet and including a cooling element disposed within said food storage compartment and a refrigerant liquefying unit disposed exteriorly thereof, said removable wall portion including an outer sheet metal structure forming a part of the finished metallic exterior surface of said cabinet, and said sheet metal structure having refrigerant conveying passages formed therein and providing a condenser for said refrigerant liquefying unit.

2,064,010
REFRIGERATING APPARATUS
Harry B. Hull, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application May 25, 1934, Serial No. 727,542
13 Claims. (Cl. 62—4)

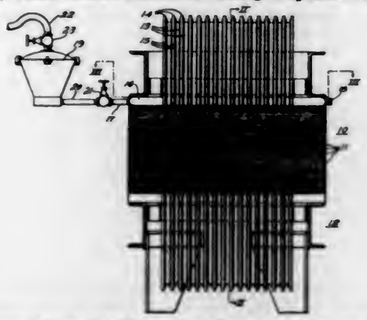


1. Refrigerating apparatus including a cooling element disposed in a compartment to be refrigerated and having cooling surfaces upon which frost accumulates, means connected with said cooling element and adapted to circulate a refrigerant medium therethrough, means for controlling the operation of said refrigerant circulating means to normally maintain said cooling element between predetermined temperature limits, chronometrically operated means for causing the temperature of said cooling element to increase temporarily above the normal predetermined high temperature limit thereof, said chronometrically operated means being normally ineffective, and means for rendering said chronometrically operated means effective after a predetermined amount of frost has accumulated on the cooling surfaces of said cooling element.

2,064,011
TRANSFORMER STRUCTURE
William G. James, West Middlesex, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 3, 1935, Serial No. 43,373
5 Claims. (Cl. 175—356)

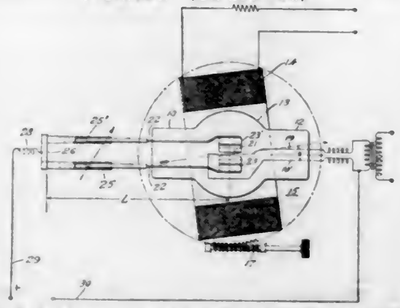
1. In a transformer having a core and coils, in combination, an expansible metal member disposed between the core and coils, means comprising a filling material in the expansible metal member for supporting the expansible metal

member in tight engagement with the core and coils, said metal member being capable of ac-



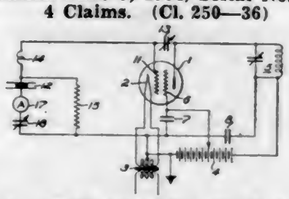
commodating itself to the shape of the engaged portion of the core and coils.

2,064,012
MAGNETO-STATIC OSCILLATOR
George R. Kilgore, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application July 1, 1932, Serial No. 620,395
9 Claims. (Cl. 250—36)



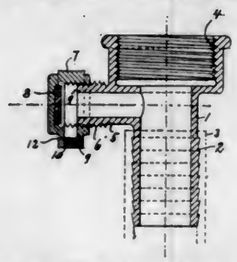
1. A high-frequency oscillator comprising an evacuated vessel having an elongated cathode and anode means cooperating therewithin and means producing magnetic lines of force between said anode means and said cathode, means for maintaining the path of the lines of force of said last-mentioned means adjacent said cathode in acute angular relation of between three-fourths of 1 degree and 14 degrees with said elongated cathode and means connected to said cathode and anode means for producing oscillations.

2,064,013
CRYSTAL CONTROL CIRCUIT
Theodore P. Kinn, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application June 9, 1934, Serial No. 729,814
4 Claims. (Cl. 250—36)



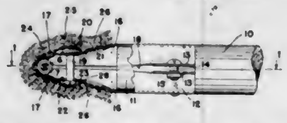
1. In a crystal-controlled oscillator, an electron discharge device comprising cathode, anode and grid elements, a piezo-electric crystal and electrodes therefor, said electrodes being connected in a circuit between the cathode and another of said elements, an inductance in series with said crystal in said circuit and a capacity connected between the third of said elements and said other element, said inductance and said capacity comprising a circuit tuned substantially to the frequency of the crystal.

2,064,014
HOSE COUPLING
Carl W. A. Koelkebeck, Pittsburgh, Pa.
Application August 16, 1934, Serial No. 740,092
2 Claims. (Cl. 138—44)



1. A hose coupling comprising a sleeve for receiving the end of a hose having a screw thread portion for engagement with a threaded outlet of a water supply line, said sleeve having a lateral extension provided with a thread for receiving a bonnet, said bonnet having a perforated orifice plate at right angles to said lateral extension for restricting the flow through the lateral extension.

2,064,015
MOP HOLDER
Arthur C. Kootz, Milwaukee, Wis., assignor to Gem Hammock and Fly Net Company, Milwaukee, Wis., a corporation of Wisconsin
Application September 23, 1935, Serial No. 41,717
3 Claims. (Cl. 306—1)

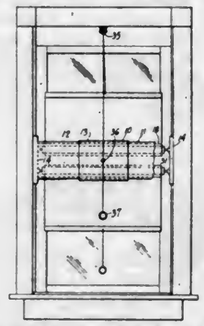


1. In a mop, a handle connector having clamping jaws to engage a portion of the mop head or frame, clamping means passing through said jaws to hold them in mop engaging position, and guard fastening means formed on said connector independent of and disposed rearwardly of said clamping means, and a guard of flexible material having ends detachably connectible with said guard fastening means and extending over said clamping means and the front of said jaws.

2,064,016
WINDOW SHADE FIXTURES
Patsy La Penna, Brooklyn, N. Y.
Application May 27, 1935, Serial No. 23,684
7 Claims. (Cl. 156—23)

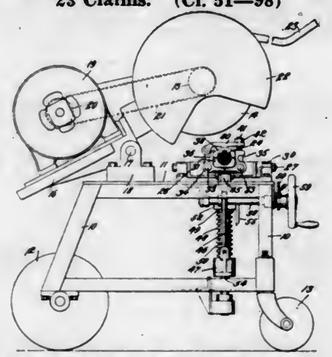
1. In combination, an adjustable light shield panel bracket for supporting and concealing a plurality of window shade rollers, a spring actuated releasable cord lock on said panel, a cord means connecting one of said shades with said

lock whereby on disengagement of the cord by the lock the shade cooperatively normally au-



tomatically revolves unobstructedly in shade rolling direction.

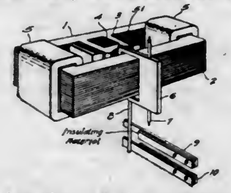
2,064,017
APPARATUS FOR CUTTING WIRE ROPE, CABLE, AND THE LIKE
Arthur A. Leschen, Webster Groves, Mo., assignor to A. Leschen & Sons Rope Company, St. Louis, Mo., a corporation of Missouri
Application September 18, 1936, Serial No. 101,396
23 Claims. (Cl. 51—98)



1. In a device of the class described, and in combination, a rope cutting instrument, a supporting abutment for a length of rope located in line with the cutting plane of said cutter, the cutter and abutment being capacitated for relative bodily movement, and means for bending the rope against said abutment, during the cutting operation, thereby to cause the cut faces of the rope to pull apart as the cut progresses.

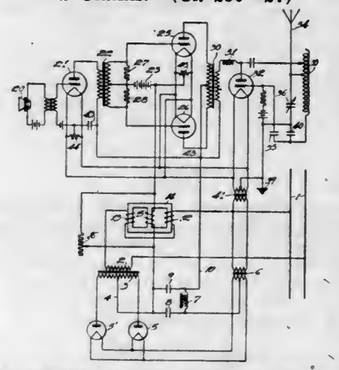
2,064,018
PROTECTIVE APPARATUS
Simeon C. Leyland, Nutley, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application September 13, 1934, Serial No. 743,854
7 Claims. (Cl. 175—294)

1. In a relay element of the inductor loop type, a conducting loop mounted for rotation about an axis, said conducting loop having an inductor portion substantially parallel to said axis and eccentrically displaced therefrom, and energizing means including means for inducing alternating currents in said loop, a magnetic pole portion adjacent to said inductor portion and substantially perpendicular thereto, and coil means for energizing said pole portion in accordance with an electrical quantity, said pole portion being so designed with reference to said coil means as to become magnetically saturated at a compara-



tively small fraction of the maximum value of said quantity, to thereby limit the torque dependent upon said quantity tending to align said loop with said pole portion.

2,064,019
HIGH EFFICIENCY MODULATOR WITH AUTOMATIC REGULATOR OF POWER SOURCE
Donald G. Little, Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application May 3, 1933, Serial No. 669,174
2 Claims. (Cl. 250—27)

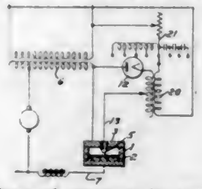


1. In combination, a pair of electron discharge devices having output circuits connected back-to-back, a load supplied from said output circuits, a source of voltage supply for the anodes of said electron discharge devices, said source being common to said output circuits and comprising a rectifier drawing power from alternating-current lines a coupling between the input and output circuits of said rectifier for varying the input voltage to said rectifier in accordance with current in said rectifier output circuit.

2,064,020
RECTIFIER AND INVERTER
Leon R. Ludwig, Wilkinsburg, and Joseph Slepian, Pittsburgh, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 6, 1933, Serial No. 650,413
5 Claims. (Cl. 175—363)

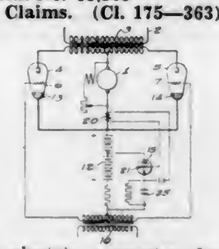
1. A conversion system comprising a mercury arc device, an alternating current circuit, a transformer connected to said circuit and to said rectifier, a make-alive electrode in said rectifier, a circuit connecting said make-alive to said transformer so that said make-alive derives a

voltage from said transformer, an auxiliary source of alternating current in said make alive circuit and polarity responsive means for con-



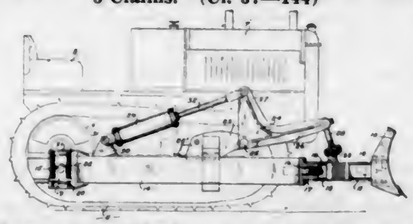
trolling the flow of current in said make alive circuit and means for shifting the phase relation of the auxiliary voltage with respect to the transformer voltage.

2,064,021
ELECTRICAL CONVERSION SYSTEM
Leon R. Ludwig, Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Continuation of application Serial No. 747,913, October 11, 1934. This application February 14, 1936, Serial No. 63,869
11 Claims. (Cl. 175—363)



1. A vapor electric converter for producing alternating current from direct current comprising a plurality of arc type valves, control grids for said valves, a source of control potential for said grids and means responsive to forward fire in one of said tubes for advancing the firing point for the next succeeding tube.

2,064,022
TRAILBUILDER
Earl B. Maloon, Milwaukee, Wis., assignor to The Heil Co., Milwaukee, Wis., a corporation of Wisconsin
Application October 26, 1935, Serial No. 46,861
3 Claims. (Cl. 37—144)



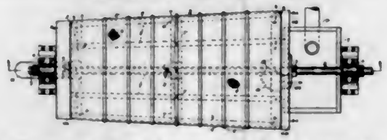
1. A scraper attachment for an endless tread tractor having endless track frames pivotally supported at their rear ends, said attachment comprising, a scraper blade extending across the front end of the tractor, a pusher arm connecting each end of said blade with the adjacent track frame near the pivotal support thereof, a resilient pivotal connection between the rear end of each pusher arm and the adjacent track frame, a bracket secured directly to each track frame within the corresponding endless track, a bell crank pivotally suspended from each of said brackets, a universal motion-transmitting connection between one arm of each of said bell cranks and the adjacent pusher arm, and a hydraulic jack mounted directly upon each pusher arm and coacting with the other arm of the adjacent bell crank.

2,064,023
SCRAPER
Earl B. Maloon, Milwaukee, Wis., assignor to The Heil Co., Milwaukee, Wis., a corporation of Wisconsin
Application February 8, 1936, Serial No. 62,924
12 Claims. (Cl. 37—126)



1. A dirt mover comprising, a main frame having a front fulcrum, an auxiliary frame, a pivot connecting a forward portion of said auxiliary frame with a medial portion of said main frame, means for relatively swinging said frames about said pivot to raise and lower the latter, and a pair of cooperating bowls swingably suspended for movement about the axis of said pivot.

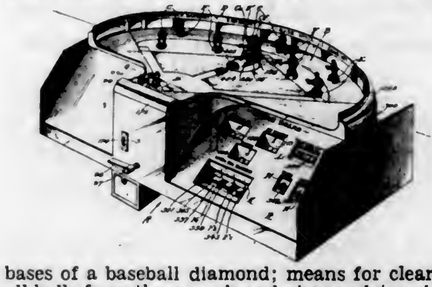
2,064,024
MACHINE FOR RECLAIMING WASTE FIBER
Charles N. McIntyre and Winfield E. McIntyre, Fayetteville, N. Y.
Application August 23, 1935, Serial No. 37,536
3 Claims. (Cl. 92—35)



1. In a machine for reclaiming waste fiber, a conical drum comprising end members, rods connecting the end members, a screen encircling the rods, the larger end member having an outlet adjacent its periphery, and a dipper connected to the larger end member and having its longitudinal axis coextensive with the plane of the said larger end member and having a closed end and an open end and a side and bottom wall, the side wall being spaced from and extending across the outlet.

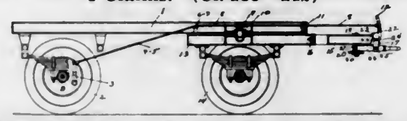
2,064,025
GAME APPARATUS
George H. Miner, Los Angeles, Calif., assignor, by mesne assignments, to Consolidated Patents Corporation, Chicago, Ill., a corporation of Illinois
Application January 12, 1932, Serial No. 586,145
47 Claims. (Cl. 273—89)

3. Baseball game apparatus including playing balls; a casing having a playing surface over which the balls can roll and provided with a score board formed to receive the balls; the playing surface having orifices through any one of which a ball can pass; conduits for conducting balls from the orifices to the score board; means for classifying the balls at the score board as indicative of "balls", "strikes", "outs" and "hits"; means for automatically effecting periodical advancement of the "hit" denoting balls at said score board in simulation of players running the



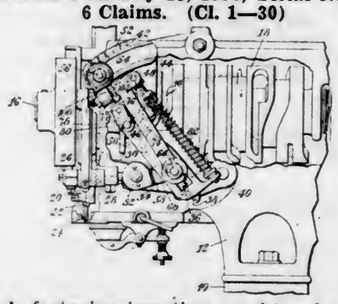
bases of a baseball diamond; means for clearing all balls from the score board at a predetermined playing interval; and means for preserving at the score board a record of a score made by the next preceding player.

2,064,026
VEHICLE BRAKE
Ora A. Moneymaker, Uniontown, Wash.
Application July 16, 1935, Serial No. 31,602
3 Claims. (Cl. 188—142)



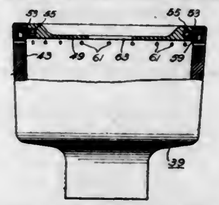
1. In a brake control mechanism of the momentum type, the combination with a towing vehicle and its coupling member, of a trailer-frame, a control member pivoted in the trailer frame and projecting above and below said frame, means on the frame co-acting with said member to limit its pivotal movement, a flexible brake-cable connected with said member above its pivotal point, a longitudinally movable draft bar pivoted to said member below the frame, a rigid support on the frame, and said draft bar having at its rear end a movable bearing on said support.

2,064,027
FASTENING INSERTING MACHINE
Fred M. Moody, Whitman, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application February 15, 1936, Serial No. 64,075
6 Claims. (Cl. 1—30)



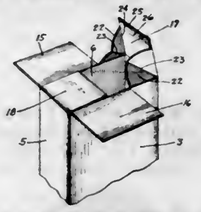
1. A fastening-inserting machine having, in combination, an awl carrier, an awl carried thereby, and means for causing the awl to penetrate a work piece including toggle links normally in nearly straightened condition and movable bodily to transmit work penetrating movement to the awl carrier and arranged to move into broken condition when the awl meets an excessive resistance.

2,064,028
RAYON SPINNING BUCKET
Howard R. Moyer, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application July 24, 1934, Serial No. 736,671
3 Claims. (Cl. 117—27.5)



1. In a spinning pot having an internal annular shoulder and an upwardly inwardly inclined annular surface thereabove below the upper edge of the pot, a cover structure resting on the shoulder and having an annular peripheral recess therein, an arcuate member in the peripheral recess having an external surface corresponding to and engaging the inwardly inclined surface in the pot and forced thereagainst by centrifugal force during rotation of the pot and cover structure and resilient means located in the peripheral recess in the cover to initially force the arcuate member substantially radially outwardly.

2,064,029
CARTON
Arthur J. Murray, Minneapolis, Minn.
Application November 3, 1934, Serial No. 751,360
6 Claims. (Cl. 229—17)

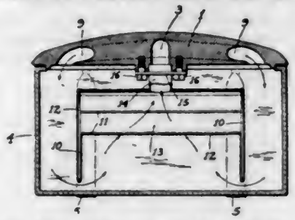


1. A carton comprising an end formed with a pouring spout, the wall portions constituting said pouring spout being integrally formed with the side walls and an end wall of the carton, and comprising segmental sections scored to fold upon themselves, said segmental sections forming the side walls of the spout, when the latter is in open operative position, and a wall of said pouring spout having a portion secured to adjacent walls of the carton body and adapted to be severed to open the pouring spout, whereby a roughened edge is provided thereon adapted to frictionally engage an adjacent wall edge of the carton body, thereby to secure the spout in closed position.

2,064,030
FILTER
William H. Pierce, Coalinga, Calif.
Application June 28, 1935, Serial No. 28,859
2 Claims. (Cl. 210—165)

1. A gasoline filter comprising an oblong head, inlet and outlet passages leading to the under

surface of the head from opposite sides of the same, the inlet passage being branched within the head, the branches leading to terminations in the under face of the head adjacent the ends thereof, an oblong bowl depending from and secured to the head, a filter extending lengthwise in the bowl and shorter than the distance be-



tween the terminations of said inlet branches, said filter including an enclosed chamber communicating with the outlet passage and the walls of which are of filter material, the bottom of the chamber being some distance above the bottom of the bowl, but the end walls of the filter depending below the said bottom of the chamber to near the bottom of the bowl.

2,064,031

CONCENTRATION OF MINERALS

Oliver C. Ralston, Clarkdale, Ariz., assignor, by mesne assignments, to Phelps Dodge Corporation, New York, N. Y., a corporation of New York

No Drawing. Application October 6, 1930, Serial No. 486,746

10 Claims. (Cl. 209—167)

2. The method of concentrating minerals, which comprises subjecting the mineral in the form of a relatively low density pulp to a froth flotation operation to produce a rougher concentrate, forming a high density pulp of the rougher concentrate, and subjecting the resulting pulp to a second froth flotation operation, the pulp treated in said second froth flotation operation being of a substantially higher density than the pulp employed in forming the rougher concentrate.

2,064,032

PROTECTIVE HEAD COVERING

Ailleene Roberts, Los Angeles, Calif.

Application March 19, 1935, Serial No. 11,833

3 Claims. (Cl. 2—174)



3. A head covering of the character described comprising: a sheet of material cut and formed to fit over and to completely embrace the head and having its lower margins disposed below the neck line, and extensions thereon attached together on a median line and projecting in opposite directions at an obtuse angle and adapted to be crossed in the back and extended around the neck for enfolding and holding the lower marginal portions of said covering against removal, said extensions having corresponding margins cut on a bias whereby the same may be readily stretched into tied position.

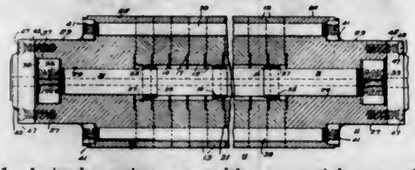
2,064,033

TURBINE GENERATOR ROTOR

Bennie A. Rose, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application August 15, 1934, Serial No. 739,915

7 Claims. (Cl. 171—206)



1. A turbo-rotor assembly comprising a plurality of coaxial discs each having a central opening therethrough, a clamping bolt extending through the central opening and having a smaller area of cross section than the central opening and bolt centering means in the space between the bolt and the wall of the central opening.

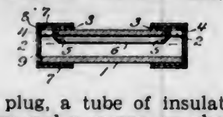
2,064,034

REFILLABLE FUSE PLUG

George E. Rudnick, Kansas City, Mo.

Application March 28, 1935, Serial No. 13,424

1 Claim. (Cl. 200—132)



In a fuse plug, a tube of insulating material having in one end a recess, an electrically conductive collar embracing said end and having a slot registering with said recess and a tongue extending from the inner end of said slot through said recess and beyond the inner wall of said tube, and an annular resilient electrically conductive member slidable and revoluble on said collar and removable therefrom and having extending from its inner end a longitudinal slit terminating in a transverse slit which extends circumferentially in opposite directions from said longitudinal slit, thereby forming two clamping lips adapted to be expanded by said collar and to tightly clamp against said collar a removable fuse adapted to be extended longitudinally through said tube and against said tongue and through said slot and recess and onto the periphery of said collar.

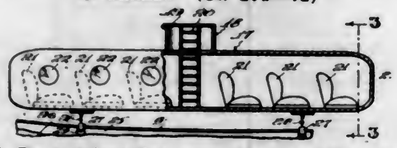
2,064,035

AMUSEMENT APPARATUS

Eugene Rynearson, Dallas, Tex.

Application May 24, 1935, Serial No. 23,327

3 Claims. (Cl. 104—71)



1. In a submarine amusement apparatus, an endless water-filled channel, having grottoes in its walls and provided with an undulating floor, an endless track partially embedded in the floor of said channel and having a T-shaped protuberance, a buoyant, submergible vessel arranged in said channel, means flexibly suspended from the bottom of said vessel for movably embracing the T-shaped protuberance of said track, whereby to control the vertical movements of said vessel in accordance with the undulations of said track, and means for propelling said vessel around said channel.

2,064,036

METHOD OF MAKING A CONDENSER

Ray A. Sandberg, Waukegan, Ill., assignor to Oakes Products Corporation, North Chicago, Ill., a corporation of Michigan

Application August 12, 1935, Serial No. 35,765

2 Claims. (Cl. 113—118)



1. In a method of making a tube and fin condenser, the steps of rolling a plurality of flat metal sheets into tubular form with the side margins in abutting relation forming seams, providing thin metal fins with notched flanged apertures, assembling the tubes and fins with the tubes extending through the apertures of the fins to hold the tube seams closed and with the fin notches in alignment with the tube seams, placing brazing wires along the tube seams and through the fin notches, and subjecting the assembly to heat to melt the wires thus simultaneously brazing the tube seams together and the fins to the tubes.

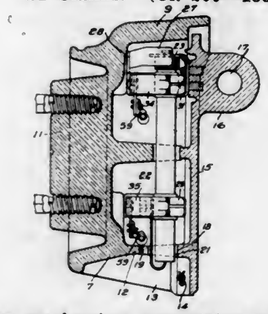
2,064,037

FUSE MECHANISM

Jerome Sandin, Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania

Application August 20, 1929, Serial No. 387,246

21 Claims. (Cl. 200—133)



1. Fuse mechanism comprising a housing, a door hinged to the housing and having a fuse-receiving socket at its hinged end, a clip at its free end provided with a fuse-receiving slot disposed substantially transverse to the direction of movement of the door and a fuse member fitting within the socket by a substantially axial movement thereof and fitting within the slot in the clip by a transverse movement of the end of the fuse.

2,064,038

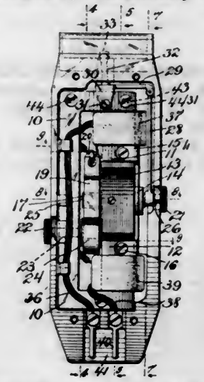
ELECTRIC MOTOR

Jacob Schick, Stamford, Conn., assignor, by mesne assignments, to Schick Industries Limited, Nassau, Bahama Islands, a corporation of Bahama Islands

Application June 5, 1934, Serial No. 729,070

5 Claims. (Cl. 172—36)

5. An electric motor for use in handles and the like, comprising a flat C-shaped field member, a bearing bridging the gap in the field member to form a complete frame, an armature shaft supported solely by the bearing and having an eccentric part on its outer end, an armature on the shaft between the ends of the field member, a non-circular part on the inner end of the shaft beyond the armature, a manually operable stud



projecting through the field member opposite the bearing, a non-circular part on the inner end of the stud, contact arms bearing on opposite sides of the non-circular part of the stud and on opposite sides of the elliptical part of the shaft, a spring for holding the arms against the stud, and contact points on the free ends of the arms.

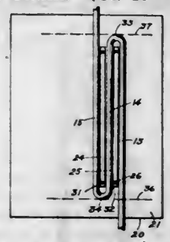
2,064,039

METHOD OF FORMING LUMINOUS GRIDS

John J. Shively, New York, N. Y., and Miles Pennybacker, West Orange, N. J., assignors to Neosign Corporation, a corporation of Delaware

Application May 23, 1935, Serial No. 23,042

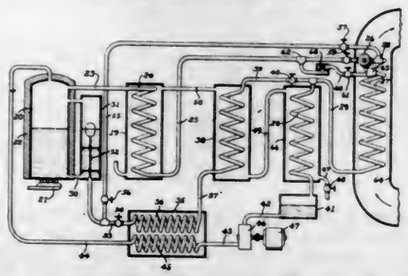
1 Claim. (Cl. 49—84)



That method of forming a continuous tubular grid which comprises heating a portion of a glass tube to plasticity, bending said portion through an angle of substantially 180 degrees whereby two adjacent legs are formed while applying an internal gaseous pressure to said tube to prevent collapse of said portion, pressing said legs against a common plane surface and against similarly directed separate plane surfaces arranged perpendicularly to same common plane surface in spaced relation while retaining said bent portion in a state of plasticity, one of said separate plane surfaces being arranged at a predetermined angle to the other, allowing said bent portion to cool whereby the distortion thereof may draw said legs through said predetermined angle into parallelism, removing said tube from said surfaces, heating and bending a second portion of said tube in the manner described and thereby forming a third leg adjacent

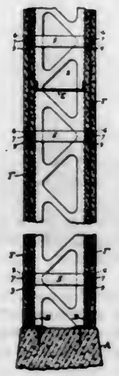
one of said first legs, revolving said tube horizontally through substantially 180 degrees, pressing all said legs against said common plane surface and said newly formed leg and its adjacent leg against said separate surfaces in the manner described, and repeating the last named five steps until the required number of legs have been formed.

2,064,040
REFRIGERATING APPARATUS
Harry F. Smith, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware
Application May 21, 1931, Serial No. 538,947
10 Claims. (Cl. 257—9)



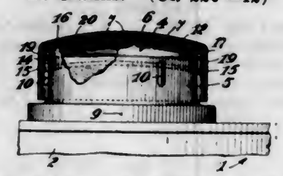
10. In a refrigerating apparatus including a generator, condenser, evaporator, and absorber connected in operative cycle, means for conducting a fluid into contact with the evaporator, means for converting said evaporator into an absorber for heating the fluid.

2,064,041
BUILDING MATERIAL
Edward L. Soulé, Oakland, Calif.
Application September 25, 1935, Serial No. 42,041
3 Claims. (Cl. 72—115)



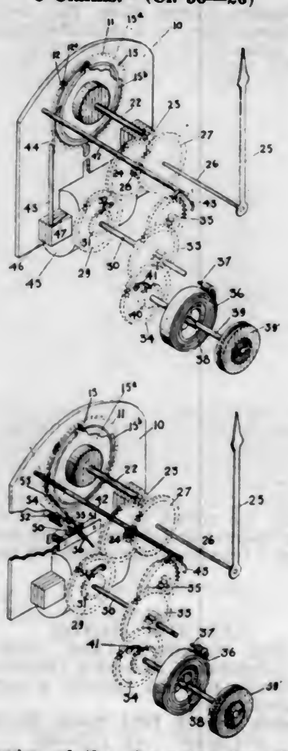
1. A building material comprising a structural steel member of the character described having a succession of openings formed in its web, a plurality of cross strips secured at spaced intervals to the structural member throughout its length, the ends of said cross strips being bendable to receive and secure a lathing material, and spacing means on each cross strip to maintain a predetermined spacing between the structural steel and the lath.

2,064,042
FRICTION CAP AND PACKAGE
Louis A. Von Till, Brooklyn, N. Y., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y., a corporation of New York
Application July 30, 1932, Serial No. 626,425
14 Claims. (Cl. 220—42)



1. In a molded closure cap of the class described, the combination of a cover portion, a substantially cylindrical depending skirt of uniform length throughout its circumference adapted to receive decorations, and an annular rib extending about the inner periphery of said skirt adapted to frictionally engage a container, said rib being spaced a greater distance from the lower edge of said skirt throughout half its periphery than through the other half of its periphery.

2,064,043
ELECTRIC TIMING MECHANISM
Richard H. Whitehead, New Haven, Conn., assignor to The New Haven Clock Co., New Haven, Conn., a corporation of Connecticut
Application February 3, 1932, Serial No. 590,598
5 Claims. (Cl. 58—26)

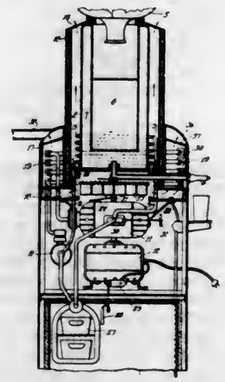


1. A device of the character described comprising, in combination, a synchronous motor having a rotor and field, a clock so connected to said motor as to cause said motor and clock to rotate together at a speed ratio which is at all times fixed, a spring motor connectable for operating said rotor, an isochronous element for controlling the speed of operation of said spring motor to maintain for said rotor a speed substantially equal to synchronous speed, including an element having a magnetic part within the control of the field of said synchronous motor adapted to stop operation of said spring motor when said field is energized.

5. A device of the character described comprising, in combination, a clock train, a synchronous motor having an operating coil for driving the same having a magnetizable plate therein, a spring motor, an escapement to control the operation of said spring motor, a pendulum for timing said escapement, an armature adapted to be attracted by the magnetizable plate and having an arm to intercept the movement of said pendulum, and means operable by the stray flux of the operating coil of the motor for obstructing the movement of said pendulum.

CARNEGIE LIBRARY OF ATLANTA

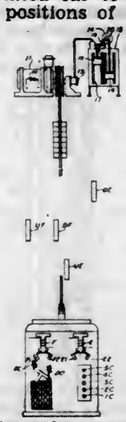
2,064,044
COMBINATION COOLER, REFRIGERATOR, AND AIR CONDITIONER
John C. Wichmann, Chicago, Ill.
Application June 25, 1932, Serial No. 619,284
Renewed December 20, 1934
12 Claims. (Cl. 62—128)



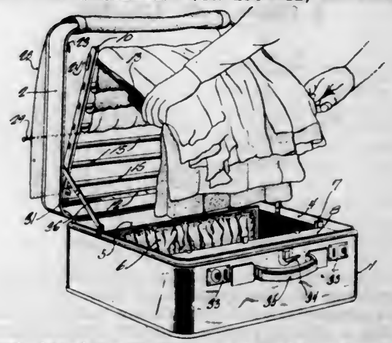
1. A combination water cooler and air conditioner including a drinking water storage device, an annular cooling chamber surrounding the water storage device, a second annular chamber surrounding the first chamber, a horizontally disposed rotatable fan beneath the water storage device, and means for dividing a current of air from the fan to force it through each of said chambers.

2,064,045
ELEVATOR CONTROL SYSTEM
Harold W. Williams, Chicago, Ill., assignor to Westinghouse Electric Elevator Company, Chicago, Ill., a corporation of Illinois
Application November 3, 1934, Serial No. 751,295
26 Claims. (Cl. 187—29)

9. In a control system for a plurality of cars operable past a plurality of landings, push buttons for each of said landings, means for each car responsive to any of said push buttons for causing the associated car to start, and means responsive to the positions of said cars for prevenving the starting of more than one of said cars in response to any push button.



2,064,046
LUGGAGE CASE
William Wintz, Oshkosh, Wis., assignor to Oshkosh Trunks, Inc., Oshkosh, Wis., a corporation of Wisconsin
Application September 28, 1932, Serial No. 635,155
2 Claims. (Cl. 190—41)



1. A hand carried luggage case, comprising hingedly connected body and cover sections, a garment carrying frame pivotally mounted at its inner end in one of said sections, said frame having side arms and a cross-bar at its outer end to support garments in folded form thereover, rods for attaching the garments to the frame and having pins at the opposite ends of the same, and means in the form of recesses and spring clips on the respective arms and disposed along the length of the same to receive the pins at the ends of the rods for detachably connecting the same to the frame, the recesses and the clips being so formed that a direct outward pull on the rods transversely of the frame will immediately release the rods from the frame.

2,064,047
CARD AND DISPLAY HOLDER
Frederick L. Wertz, Montclair, N. J.
Application July 2, 1936, Serial No. 88,692
5 Claims. (Cl. 40—11)

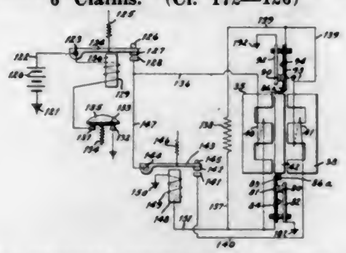
3. Card and display holder comprising a sheet material clip, said material being bent substan-

tially at right angles to form front and side faces, with a bead along the apex of the angle, and having a curved resilient back face approaching the front face, with flaring lip, to form with said front face a card-receiving slot, said back



face being intermediately slitted to form a tongue, said tongue extending into the base of said slot in obstructive relation to said bead, determining the parallel alinement of said inserted card relative to the longitudinal dimensions of said clip.

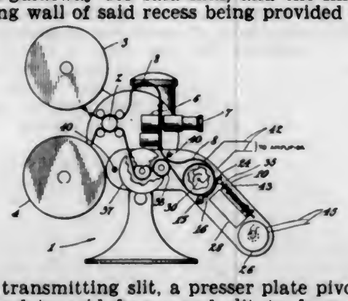
2,064,048
VIBRATORY MOTOR
Joe White, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application October 3, 1934, Serial No. 746,668
6 Claims. (Cl. 172—126)



1. An electrical system for a sounding signal, comprising in combination, a pair of opposed electromagnets, a main operating switch for connecting a current source with the electromagnets, a pair of normally closed circuit breakers, means cooperating with the circuit breakers for causing the magnets to be energized alternately, and means cooperating therewith for withholding energizing current from one of the electromagnets until after the other of said electromagnets has become operative.

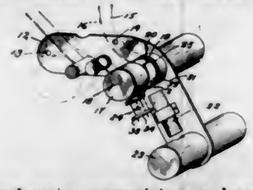
2,064,049
COMBINED MOVING PICTURE AND TALKING MACHINE
Carl Wurm and Robert Goldstein, Brooklyn, N. Y., assignors of thirty per cent to Harry R. Walls, Elmhurst, N. Y., and thirty per cent to Martin Bermont, Brooklyn, N. Y.
Application November 21, 1935, Serial No. 50,956
2 Claims. (Cl. 179—100.3)

1. A means for adapting a motion picture projector to reproduce sound vibrations photographically recorded on film designed for use in said projector, and comprising a frame adapted to be connected detachably to said projector, a tube containing a photo-electric cell and mounted on said frame to form a curved support for a loop in the moving film, said tube being provided with a peripheral recess of the same width as the width of the film used in the projector and forming a guideway for said film, and the film supporting wall of said recess being provided with a



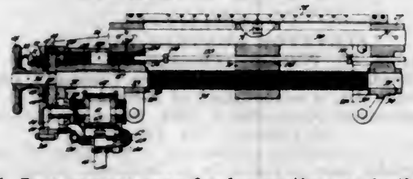
light transmitting slit, a presser plate pivoted at one end to said frame and slit to form spring presser fingers contacting with said film on opposite sides of said slit, and means engaging the free end of said plate to press said fingers against said film.

2,064,050
SOUND GATE
Carl Wurm, Brooklyn, N. Y., assignor to American Sound Producing Laboratories, New York, N. Y., a company
Application December 24, 1935, Serial No. 56,120
10 Claims. (Cl. 179—100.3)



1. A sound gate comprising a base plate secured to the supporting framework of a motion picture machine, a photo-electric cell tube having an aperture over which film is adapted to travel, a presser foot comprising a length of spring wire bent on itself to form a loop, the outer extremities of the loop adapted to press upon the outer edges of the film as it passes over the cell tube, a rod extending from said base plate having a flange at one end, the ends of the loop encircling said rod and extending therefrom, a pin below said rod mounted in said base plate having apertures formed therein, the ends of said presser foot extending into said apertures and being anchored therein.

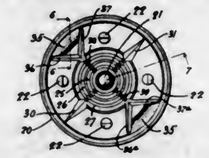
2,064,051
REVERSE GEAR FOR LOCOMOTIVES AND OTHER ENGINES
Herbert K. Allard, Cranston, R. I.
Application June 29, 1934, Serial No. 733,098
12 Claims. (Cl. 121—162)



1. In a reverse-gear for locomotives and other engines, the combination of engine valve-mecha-

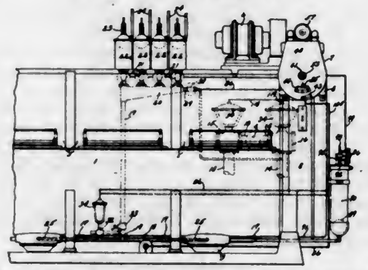
nism, a rotary motor, a screw-shaft driven by the motor, a traversing member on the shaft actuated by the rotation of the shaft in either direction, means for controlling the operation of the motor, means connected to said traversing member for adjusting the engine valve-mechanism, and a friction brake embodied in the reverse-gear and acting to hold the screw-shaft against rotation caused by the small component of the vibrational force of the engine valve-mechanism applied axially against the inclined threads of the screw-shaft by the traversing member.

2,064,052
DISTRIBUTOR CAP
James L. Arthur, Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application March 3, 1930, Serial No. 432,693
Renewed May 19, 1934
12 Claims. (Cl. 200—19)



1. A terminal head for an ignition distributor comprising, a body of insulating material; a central terminal in said body, a plurality of spaced terminals in said body, arranged in a circular row about the central terminal; annular furrows in the one surface of the body, substantially concentric with the central terminal; and radial furrows between the spaced terminals arranged in a circular row.

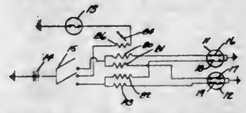
2,064,053
AUTOMATIC FORMULA CONTROL FOR WASHING MACHINES
Fred Balzer, Cincinnati, Ohio, and Gilbert B. Knapmeyer, Covington, Ky., assignors to The American Laundry Machinery Company, Cincinnati, Ohio, a corporation of Ohio
Application July 7, 1931, Serial No. 549,218
5 Claims. (Cl. 68—18)



1. A washing machine having a container wherein different liquid levels are to be established at different stages in a cycle of washing operations, a liquid supply valve for said container, a cycle controller, control means for said valve including means connecting said controller to said valve to cause opening of the valve responsive to the controller, means for closing said valve including means responsive to liquid level in said container, means providing actuating connection from said level responsive means to said valve and including level selector means connected with said level responsive means to predetermine the level at which said latter is effective upon said valve, and means connecting said level selector means to said cycle controller for determination by the cycle controller of the setting of the level selector.

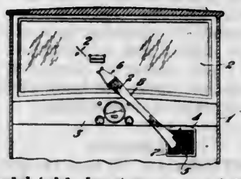
2. A washing machine having a container wherein different liquid contents are to be had at different stages in a cycle of washing operations, including hot and cold water supply valves, a cycle controller, means connecting said cycle controller with said valves and arranged to permit opening of the valves only during periods determined by the cycle controller, said connecting means being indiscriminate as between said valves, temperature responsive means having connection with said container to be controlled by the temperature of the container contents, and means connecting said valves to said temperature responsive means and providing for selective opening of said valves, when opening is permitted by said cycle controller, dependent upon said container temperature.

2,064,054
AUTOMOBILE LIGHTING
William F. Beisley, Harry D. Spradlin, Louis R. Deadrich, and Robert H. Eckhoff, Oakland, Calif.
Application February 23, 1933, Serial No. 658,094
3 Claims. (Cl. 177—311)



1. In combination, a main circuit including a plurality of filaments, a source of current for energizing said filaments, a movable indicator, a magnetized member for moving said indicator, and means for moving said magnetized member and said indicator including a field support member cooperating with said indicator and having a plurality of field coils wound thereon, each of said coils being in series with one of said filaments and having a magnetic field differing in strength from that of any other of said coils upon current flow therethrough, all of said coils being wound on said support to move said magnetized member in the same direction upon current flow therethrough.

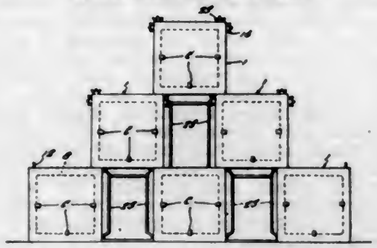
2,064,055
WINDSHIELD HEATER
Harry C. Cole, Natick, Mass.
Application February 5, 1936, Serial No. 62,468
9 Claims. (Cl. 20—40.5)



3. A windshield heater comprising a nozzle member of stiff sheet material comprising a front wall designed to engage the surface of the windshield glass and a transversely bowed rear wall, said walls being shaped to provide a convergent delivery passage, anchorage means designed for engagement with the delivery grill of a heater device, and an elongate strip of creped paper, having its creping extending transversely of the

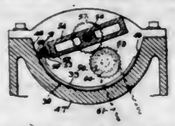
strip, connected at one end to the intake end of the nozzle and at the other end to said anchorage means.

2,064,056
DISPLAY STAND
Byron L. Cookson, Benton Harbor, Mich.
Application December 9, 1935, Serial No. 53,622
8 Claims. (Cl. 211—148)



1. A knock-down display stand comprising a plurality of shelving or supporting units each comprising a hollow box like structure opened at one side and arranged in superposed relation; certain of said units having a bottom wall provided with elongated ribs projecting inwardly therefrom and other of said units having a bottom wall provided with elongated slots; and all of said units including a front wall, side walls provided in the upper portion thereof with elongated slots, and top walls provided adjacent the respective opposite sides of each unit with a series of spaced openings, substantially U-shaped members arranged vertically in the lowermost units with the closed end of the U resting on said ribs and the free ends of the sides of said U projecting upwardly through selected openings in the top of said lowermost units, and inserted in the slots of the upper units for securing said units together in stepped tiers.

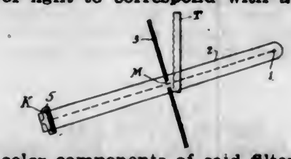
2,064,057
METHOD OF PRODUCING PRINTING PLATES
Edgar L. Crist, Dayton, Ohio
Application October 11, 1935, Serial No. 44,586
17 Claims. (Cl. 101—401.1)



1. A process of treating a printing plate comprising applying a matrix having elevated portions to the printing plate, subjecting the plate and matrix to pressure at a multiplicity of locations with indentations therebetween to produce depressions upon the printing face of the printing plate, and to force the protrusions caused by the printing plate material displaced by the depressing operation upon the back of the printing plate to enter said indentations.

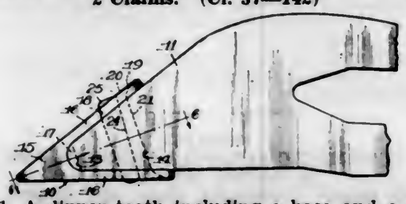
2,064,058
LENTICULAR STENCIL FILM
John Eggert, Leipzig-Gohlis, and Gerd Heymer, Wolfen Kreis Bitterfeld, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
Application March 17, 1934, Serial No. 716,138
In Germany March 18, 1933
7 Claims. (Cl. 88—16.4)

1. The process of making a lenticular stencil film for use in printing with a lenticular film which comprises providing a source of light having a size and shape geometrically similar to the effective aperture of the multi-color filter coordinated to said lenticular film and arranged on the side of the lenticular elements at a distance from a light sensitive lenticular film to subtend the same angle as said multi-color filter subtends on said coordinated lenticular film, masking said source of light to correspond with at least one



of the color components of said filter, directing the light from said unmasked portion onto said sensitive lenticular film to provide in the sensitive emulsion exposed strips behind the lenticular elements which provide a mirror image behind each lenticular element of the unmasked light geometrically like the record of the corresponding components of the color filter recorded in said lenticular film which is to be printed, and developing said exposed lenticular film.

2,064,059
DETACHABLE DIPPER TOOTH
Jacob William Fellmeth, Danville, Ill., assignor to A. Finkl & Sons Company, Chicago, Ill., a corporation of Illinois
Application December 21, 1934, Serial No. 758,544
2 Claims. (Cl. 37—142)

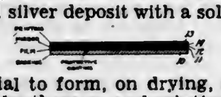


1. A dipper tooth including a base and a detachable tip, said tip consisting of a wedge point and diverging side plates adapted to span opposite sides of said base, said base having an aperture therethrough, each of said side plates having an aperture therein adapted to register with the aperture in said base when the parts are in assembled relation, and each of the apertures in said side plates being counter-sunk adjacent the rear outer end thereof with inclined conical surfaces, a locking piece adapted to pass through all of said apertures and having enlarged heads at opposite ends thereof provided with opposed conical surfaces adapted to fit the counter-sunk portions in said side plates, and a removable pin adapted to extend in lateral engagement with said locking piece to force the heads of the latter into locking engagement with the counter-sunk portions of said plates.

2,064,060
MIRROR AND DISPLAY DEVICE
Gennady Frenkel, Kingston-on-Thames, England
Application August 8, 1932, Serial No. 627,936
In Great Britain August 8, 1931
6 Claims. (Cl. 41—22)

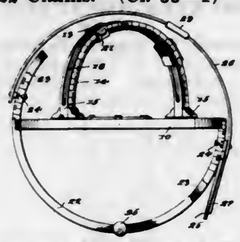
4. The manufacture of a display device by coating a backing of non-reflecting opaque flexible material with a solution of cellulosic material to form, on drying, a firmly adherent smooth film

thereon, depositing a thin film of silver to constitute a reflecting surface directly on said cellulosic film by reduction thereon of silver nitrate, coating said silver deposit with a solution of cellu-



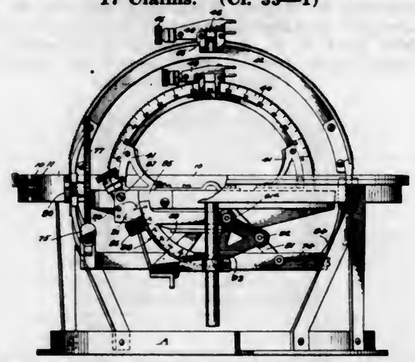
losic material to form, on drying, a transparent protective film thereon, and printing display matter on said protective film as a substantially opaque coating over a portion but not all of the area of said reflecting surface.

2,064,061
POSITION FINDER
Frederick Hayes Hagner, San Antonio, Tex., assignor to Position Finder Corporation, San Antonio, Tex., a corporation of Texas
Application June 23, 1933, Serial No. 677,317
22 Claims. (Cl. 33—1)



1. An astronomical instrument for locating the position of an observer relative to a selected celestial body comprising means upon which a beam of light is cast from the selected celestial body, leveling means mounted upon said first mentioned means and at a point to receive the light of the beam from the celestial body, means for facilitating the pointing of said last mentioned means due north and south, and means for measuring the angle of the beam as it is cast upon said first mentioned means.

2,064,062
NAVIGATING INSTRUMENT
Frederick Hayes Hagner, San Antonio, Tex., assignor to Position Finder Corporation, San Antonio, Tex., a corporation of Texas
Application January 30, 1935, Serial No. 4,196
17 Claims. (Cl. 33—1)



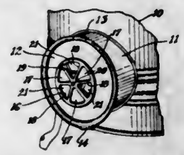
17. In a position finder, an azimuth scale, reflecting means associated with said scale upon which a ray of light from a selected celestial body may be cast, said reflecting means being in substantially the same plane as the azimuth scale, and means for measuring the angle of the reflected ray of light cast upon said reflecting means in and for the purpose specified.

2,064,063
WEEDING HOE
John H. Hall, Maitland, Fla.
Application May 7, 1935, Serial No. 20,275
1 Claim. (Cl. 97—65)
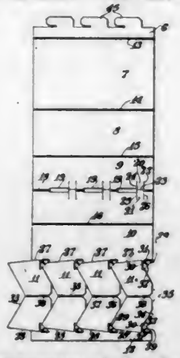


A weeding hoe including a handle, an elongated rectangular cutting blade formed with dual cutting edges on the longitudinal edges thereof, said blade being apertured along the median line thereof at each end, a bifurcated shank including a pair of lateral arms joined at their inner ends, the joined ends being anchored to the handle so the handle will be disposed in a plane passing through the center of the blade, said arms turned outwardly and forwardly from their joined inner ends in a uniform curvature in opposite directions and terminating in depending apertured extensions, the apertures in the extensions registering with the apertures in the blade and the arms substantially spanning one cutting edge of the blade leaving the major intermediate portion free to sever weeds when the hoe is subjected to a pendulous motion for chopping weeds, and bolts extending through said registering apertures for detachably securing the blade to the arms of the shank.

2,064,064
DRAFT REGULATOR AND SPARK ARRESTER FOR STOVES
Martin L. Hunker, Dover, Ohio, assignor to The Reeves Manufacturing Company, Dover, Ohio, a corporation of Ohio
Application September 6, 1934, Serial No. 742,895
1 Claim. (Cl. 126—290)



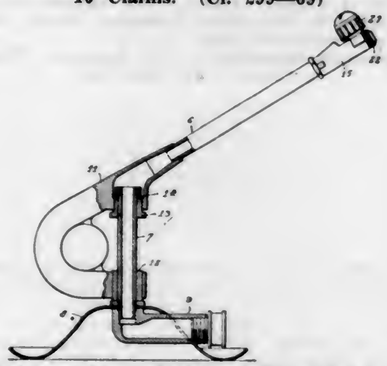
A combined draft regulator and spark arrester including a sheet metal supporting wall having a plurality of integral spaced segmental portions offset inward thereform forming openings with inwardly offset shields coextensive therewith, and a wheel draft regulator rotatably mounted upon said supporting wall and having spaced segmental panels of substantially the same size and shape as said openings, and intervening openings of substantially the same size and shape as the openings in the supporting wall, the panels and openings in said draft regulator being arranged to alternately register with the openings in the supporting wall.

2,064,065
CARTON
Harry A. Inman, Newark, N. Y.
Application August 26, 1933, Serial No. 686,965
2 Claims. (Cl. 229—29)



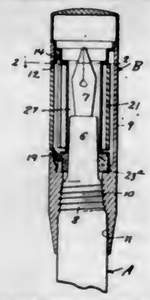
1. In an arrangement for locking a strip of sheet material at an angle to a piece of sheet material folded in V-shaped form, said piece having an elongated slot therein of substantially greater width than the thickness of the material of said strip, said slot being symmetrical with respect to and having its greatest dimension extending in the direction of the axis of said fold, said piece being provided with two opposing tabs defining one end of said slot and having their ends in substantial engagement, said tabs being of unequal length so that one tab extends across said fold, said strip having a tongue with a lateral notch therein, said tongue at one portion thereof having a width greater than the length of said slot and the portion of said tongue at said notch having a width slightly less than the length of said slot.

2,064,066
SPRINKLER
Ivar Jepson, Chicago, and John J. Sigman, Cicero, Ill., assignors to Chicago Flexible Shaft Company, Chicago, Ill., a corporation of Illinois
Application September 24, 1935, Serial No. 41,912
10 Claims. (Cl. 299—69)



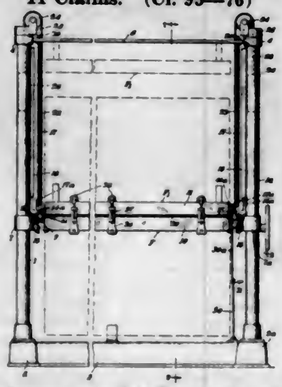
3. A sprinkler of the reaction-sprayer type comprising a support, a fluid discharge tube, means mounting said tube for rotation on said support about a vertical axis and with the tube on an axis extending radially away from said vertical axis, a nozzle body mounted on the outer end of said discharge tube and having a through passage, a primary jet on the nozzle at the outlet end of said passage arranged for so discharging a main stream that its reaction on the nozzle body will tend to cause rotation thereof with the tube about said vertical axis, a secondary jet on the nozzle body adjacent to the intake end of said passage for discharging an auxiliary stream outwardly in substantially the same direction as said main stream, a wheel eccentric mounted on the nozzle body exteriorly thereof to rotate about an axis located intermediate the discharge of said primary and secondary jets, the secondary jet being arranged so that its discharge stream impinges against a peripheral portion of the wheel for rotating it, the combined action of the reaction means and the rotary wheel eccentric serving to effect continuous rotation of the discharge tube.

2,064,067
BLOTTING ATTACHMENT FOR FOUNTAIN PENS
Atwood R. Knorr, Berwick, Pa.
Application May 8, 1935, Serial No. 20,462
5 Claims. (Cl. 120—26)



1. The combination with a fountain pen cap of a rotatable drum mounted in the cap, a door carried by the cap, a blotter rolled on the drum, and means coacting with the drum for controlling the opening and closing of the door in response to the movement of the drum.

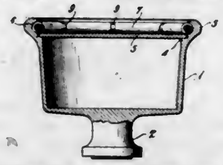
2,064,068
VACUUM PRINTING FRAME
Alexander T. Koppe, Hasbrouck Heights, N. J., assignor to General Printing Ink Corporation, New York, N. Y., a corporation of Delaware
Application June 5, 1935, Serial No. 25,041
11 Claims. (Cl. 95—76)



1. In a vacuum printing frame, an upper frame section, means supporting said frame section for

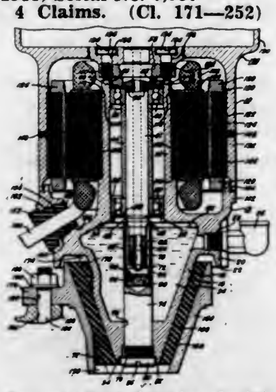
vertical movement, said means comprising trunnions projecting in opposite directions from opposite sides of said frame section, a support for each of said trunnions, and means confining said trunnions to movement in a single vertical plane.

2,064,069
APPARATUS FOR USE IN THE MANUFACTURE OF ARTIFICIAL SILK
Peter P. Kriek, Enka, N. C., assignor to American Enka Corporation, Enka, N. C., a corporation of Delaware
Application January 30, 1936, Serial No. 61,596
5 Claims. (Cl. 117—27.5)



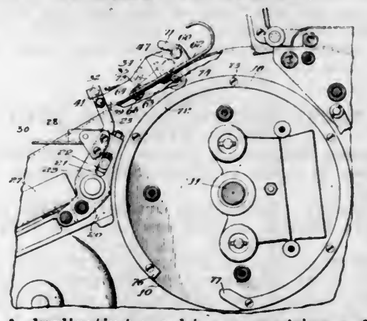
1. In combination a spinning pot having an internal shoulder and a circular groove adjacent thereto, a cover plate on the internal shoulder and resilient ring shaped element in the groove for retaining the cover plate on the internal shoulder, said ring shaped element having radial recesses disposed therein at spaced points.

2,064,070
MOTOR AND LUBRICATING SYSTEM THEREFOR
Clyde W. Mapes and Zerbe C. Bradford, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Original application June 12, 1933, Serial No. 675,456. Divided and this application February 18, 1935, Serial No. 7,080
4 Claims. (Cl. 171—252)



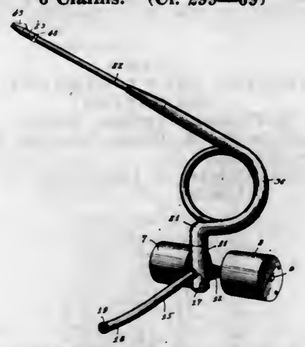
1. In a device adapted to be electrically operated at high speed in the processing of textile material, the combination comprising, a vertical shaft, a base member having a bearing support sleeve, bearings within the sleeve rotatably supporting the shaft, a motor stator outside of the sleeve and supported thereby, a member having an upwardly extending bucket portion and a downwardly extending skirt portion secured to the shaft so that the skirt portion surrounds the stator, said member being concentric with respect to the shaft and balanced for rotation therewith, and a rotor mounted inside of the skirt portion of said member and magnetically associated with the stator, said rotor being substantially balanced and thereby increasing the balanced mass of the rotating parts of the device and lowering the center of gravity thereof.

2,064,071
DUPLICATING MACHINE
Alfred Marchev, La Grange, Ill., assignor to Ditto, Incorporated, Chicago, Ill., a corporation of West Virginia
Application October 14, 1935, Serial No. 44,923
6 Claims. (Cl. 101—132)



1. A duplicating machine comprising a frame, an impression drum journalled therein, a duplicating band on said drum, a copy sheet guide to direct sheets to said drum, stripping means to remove sheets from said drum, and an auxiliary sheet feed device having means to supply a block-out sheet to a portion of the duplicating band on said drum said device including means to press the block-out sheet into intimate contact with said band as the block-out sheet is supplied.

2,064,072
WIDE RANGE SPRINKLER
Michael W. McArdle, Chicago, Ill., assignor to Chicago Flexible Shaft Company, a corporation of Illinois
Application August 28, 1933, Serial No. 687,076
6 Claims. (Cl. 299—69)



1. In a rotary sprinkler, a nozzle tip having an axial bore and an axial orifice communicating with the end thereof, a supplementary orifice in spaced relation to the axial orifice and diverging from the bore at an acute angle, said supplementary orifice being small in diameter in relation to the axial orifice, and a slit orifice of small width in relation to the supplementary orifice and extending from the latter along one side of the nozzle tip away from the axial orifice.

4. A wide range sprinkler comprising spaced coaxial wheels, a hollow upstanding body sup-

ported therebetween offset laterally from the vertical plane of the wheels, a hose connection pipe entering the body on the side thereof opposite said wheels arranged to form a third support for the body, and a delivery tube communicating with the hose connection pipe through said body and having a lower portion pivoted in said body on an axis at right angles to the plane of support of said sprinkler and an upper portion in a vertical plane extending from the lower portion first to one side of the axis of rotation and upwardly and across the axis and terminating at a remote point on the other side of the axis, the portions of said upper portion on opposite sides of the axis substantially counterbalancing each other when said axis is vertical.

2,064,073
TREATMENT OF LEATHER WITH INDIA RUBBER

Alexander McLennan, Chesterfield, England, assignor to Oscar Cecil Hartridge, London, England

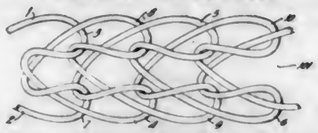
No Drawing. Application October 18, 1934, Serial No. 748,968. In Germany June 14, 1934
5 Claims. (Cl. 91—68)

1. Process of impregnating leather with india rubber comprising increasing the penetrability of a thick india rubber solution by adding thereto a substantial quantity of extracted resin of rubber, gutta-percha or balata and impregnating the leather with the resulting composition.

2,064,074
KNITTED FABRIC

James McNamee, Ballston Spa, N. Y.

Application November 15, 1935, Serial No. 49,948
4 Claims. (Cl. 66—169)

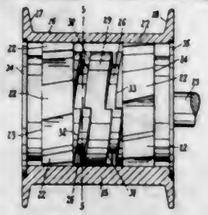


1. A knitted fabric composed of a plurality of interknitted yarn loops the yarn of which consists of two threads forming only two wales, the loops of the two threads alternating in a given wale.

2,064,075
AUTOMATIC BELT DRIVEN CLUTCH MECHANISM

Charles McPherson, Verdun, Quebec, Canada, assignor to M. M. Drives Limited, Montreal, Quebec, Canada

Application October 4, 1935, Serial No. 43,503
7 Claims. (Cl. 192—43)

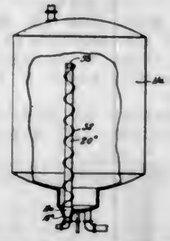


1. In an automatic belt driven clutch mechanism, a peripheral member having lengthwise in its inner wall thrust ways circumferentially spaced, a driven shaft and common clutch member rotating fast therewith and spurs sliding in said ways to and from said clutch member and connecting the shaft at either side thereof respectively through to the peripheral member.

2,064,076
MANUFACTURE OF ARTIFICIAL SILK

Adrian J. L. Moritz, Enka, N. C., assignor to American Enka Corporation, Enka, N. C., a corporation of Delaware

Application May 14, 1934, Serial No. 725,604
3 Claims. (Cl. 18—8)

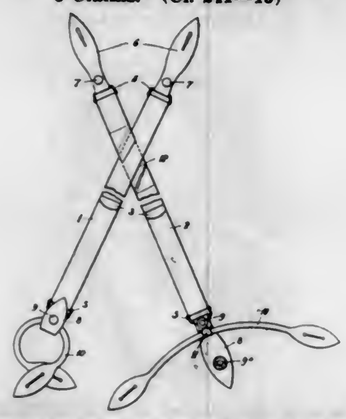


3. A storage tank for aging cellulosic solutions prior to their manufacture into artificial silk filaments comprising a cylindrical container having a convex top integrally affixed thereto, said top having an opening therein through which pressure or vacuum may be applied, and means for conducting a solution and delivering the same into the upper portion of the tank, which means includes an inlet pipe and a pipe, having a spiral fin attached thereto, extending upwardly into the tank and supported by the bottom thereof whereby the incoming solution is directed to the bottom of the tank without agitation of the said solution.

2,064,077
BRACE

Benjamin Paris, Wellington, New Zealand

Application February 28, 1936, Serial No. 66,265
In New Zealand February 28, 1935
3 Claims. (Cl. 241—13)

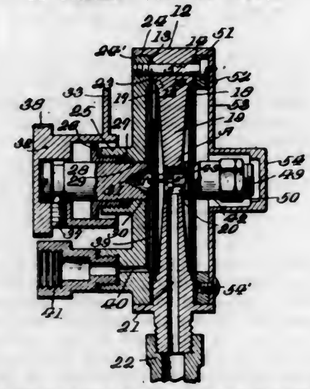


1. Supporting braces for trousers and the like including a pair of straps each having one end portion foldable upon itself to provide a loop, a buckle engaged with each looped end portion of said straps, a metallic loop fixed to the other end of each of the straps, other metallic loops loosely engaged with the looped portions of each of the straps, a button tab arrangement removably engaged with each of the fixed loops, a foldable brace tab permanently secured to each of the movable metallic loops, a separable fastener on each of the foldable tabs so that each of the foldable tabs can be folded over to form a receiving loop for a button tab or opened for insertion into the corresponding fixed metal loop when the button tab has been removed thus enabling each of the straps to be used as a belt.

2,064,078
LUBRICATING SYSTEM FOR INTERNAL COMBUSTION ENGINES

Burt Neulon Pierce, New York, N. Y.

Application January 7, 1935, Serial No. 760
15 Claims. (Cl. 123—196)

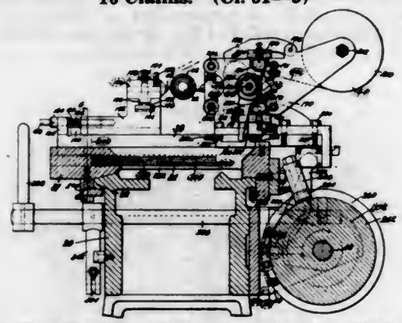


1. In a lubricating system for an internal combustion engine, a housing having a pair of flexible diaphragms mounted therein, one of said diaphragms being provided with an aperture through which lubricant is adapted to be drawn by the suction of the engine, the other diaphragm being adapted to be flexed by the suction of the engine, a needle valve carried by the last mentioned diaphragm cooperating with the aperture of the first mentioned diaphragm for controlling the passage of lubricant through said aperture.

2,064,079
COMMUTATOR FINISHING MACHINE

Lora E. Poole, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application July 5, 1935, Serial No. 29,855
16 Claims. (Cl. 51—5)

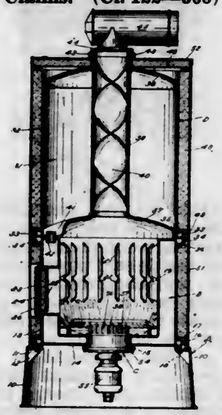


1. In a machine of the character described, the combination of a support for an armature including a commutator; a transport movable longitudinally of the armature; a slide movable on the transport laterally of the armature; two tools mounted on the slide on opposite sides of the armature; means for moving the slide relative to the transport to cause engagement or separation between either tool and the commutator; and means for reciprocating the transport, said means being operated in such timed relation with the slide moving means as to reciprocate the transport through different distances during engagement of the different tools with the commutator.

2,064,080
APPARATUS FOR BURNING LIQUID FUEL

Milton A. Powers, Detroit, Mich., assignor to The Timken-Silent Automatic Company, Detroit, Mich., a corporation of Michigan

Application September 20, 1934, Serial No. 744,833
3 Claims. (Cl. 122—368)

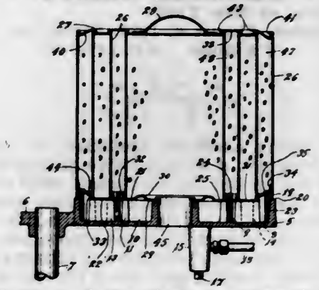


1. In a fuel burning apparatus, an upright boiler unit providing a substantially vertically extending combustion chamber, a centrally disposed liquid fuel burning device located adjacent the lower end of said combustion chamber for causing a flame to impinge on the sides of said chamber, and a substantially horizontally disposed water-cooled hearth disposed between said fuel burning device and the sides of said combustion chamber, said fuel burning means comprising a flame ring seating upon the peripheral portion of said substantially horizontally disposed water-backed surface and adjacent which combustion is adapted to take place.

2,064,081
OIL BURNER

Thure A. Quart, Hartford, Conn.

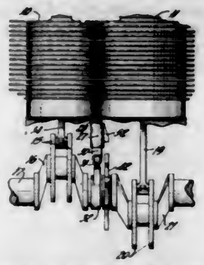
Application July 5, 1932, Serial No. 620,866
2 Claims. (Cl. 158—88)



1. A burner of the character described comprising a base having vapor grooves therein, vapor passages communicating with said grooves, means for supplying fuel to said grooves, wicks mounted in said grooves, a cover plate on said

base, and means on said cover plate for retaining said wicks in position and spaced from said vapor passages.

2,064,082
INTERNAL COMBUSTION ENGINE
Philip Reimherr, Troy, N. Y.
Application October 9, 1933, Serial No. 692,799
6 Claims. (Cl. 123—70)



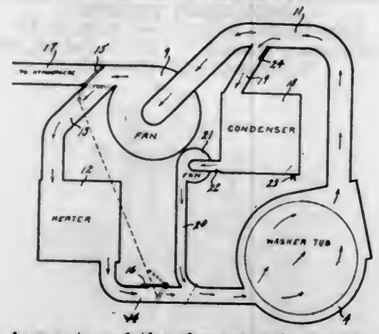
6. A two-cycle internal combustion engine of the radial Diesel type comprising a power cylinder and its piston, a compression cylinder and its piston located beside said power cylinder, the displacement of said compression piston substantially exceeding that of the power piston, a common crank shaft to which said pistons are connected, means for supplying air to the compression space of said compression cylinder, said power cylinder being provided with an air inlet port and an exhaust port, means providing communication between said inlet port and the compression space of said compression cylinder when the air therein is under compression, means comprising a passage in the wall of the power cylinder and a piston fitted therein operable by said crank shaft for forcing fuel into the power cylinder, means for operating the power piston and the compression piston in such timed relation that said exhaust port is closed when the air is introduced into the power cylinder, means for adjusting the stroke of the piston in said passage comprising a movable member connected to said last mentioned piston and a stop with which said movable member is engageable, and means whereby the position of said stop with respect to said movable member may be adjusted.

2,064,083
MOUNTING FOR WIRING DEVICES
Mark N. Russell, Syracuse, N. Y., assignor to Pass & Seymour, Inc., Syracuse, N. Y., a corporation of New York
Application August 6, 1934, Serial No. 738,739
6 Claims. (Cl. 247—20)



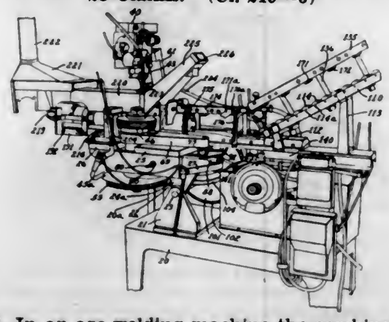
1. A wiring assembly including, in combination, a condulet, a wiring device having its major portion within but out of contact with said condulet, a sheet metal mounting plate secured to said device and engaging within the side walls of the condulet to prevent lateral movement of the device and engaging the forward edges of the side walls to limit inward movement thereof, an apertured cover plate secured over the opening in the condulet, said cover plate engaging the mounting plate and clamping it to said side walls, said device being accessible for use through the cover plate aperture.

2,064,084
APPARATUS FOR CLEANING FABRIC
Joseph B. Sando, Norwood, Ohio, assignor to The American Laundry Machinery Company, Cincinnati, Ohio, a corporation of Ohio
Application April 22, 1931, Serial No. 531,918
2 Claims. (Cl. 34—3)



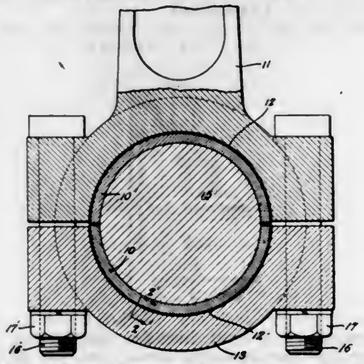
1. Apparatus of the character described, comprising a fabric treating compartment wherein the work is subjected to a volatile treating medium, means for drying the work in said compartment including a fan and an air heater freely communicating in series with each other and with said treating compartment to provide a closed heated air circuit through said compartment and thereby vaporize treating medium from the work, and means for recovering the vaporized treating medium from the circulated air, including a fan and a condenser communicating in series with each other in a secondary circuit in shunt around said first named fan, the inlet to said secondary circuit and its condenser being at the bottom of the main air stream at the junction between said circuits, and valve means at said junction adjustable to various positions to control the relative quantity of air flowing through the two circuits and also to a position in which all flow through the secondary circuit is shut off.

2,064,085
ARC WELDER
Leo C. Shippy, Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application April 4, 1932, Serial No. 602,948
23 Claims. (Cl. 219—6)



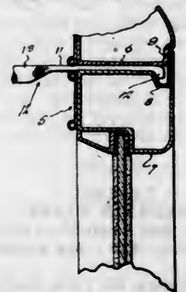
2. In an arc welding machine the combination of, an axially movable electrode of welding composition; a horizontal track for supporting a workpiece and for guiding the same into position for welding; an inclined chute containing cylindrical workpieces in end-to-end order; a device adjacent the electrode for feeding a workpiece on the track past the electrode; power means for actuating the feeding device; means for moving the lowermost workpiece in the chute over the track and into engagement with the feeding device; and means for maintaining the welding seams of the workpieces in proper alignment with the electrode during their travel through the chute upon the track and thereover until they pass the electrode.

2,064,086
BEARING
Charles R. Short, Clermont, Fla., and Roland P. Kochring, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Original application May 3, 1929, Serial No. 360,074, now Patent No. 1,939,467, dated December 12, 1933. Divided and this application April 26, 1933, Serial No. 668,104
6 Claims. (Cl. 308—237)



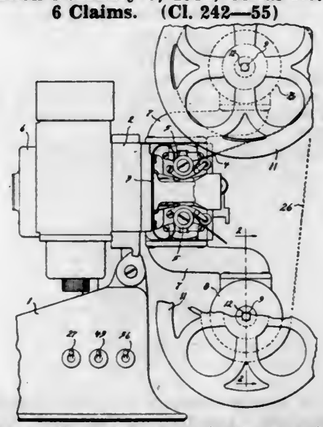
1. A bearing element comprising: a copper-coated ferrous metal backing and a bronze bearing lining integrally bonded together by an intervening strata whose entire thickness is composed of an alloy of copper and tin having a relatively high melting point compared to that of pure tin.

2,064,087
SUPPORT
Charles A. Smith, Norwich, N. Y.
Application May 1, 1936, Serial No. 77,448
1 Claim. (Cl. 248—205)



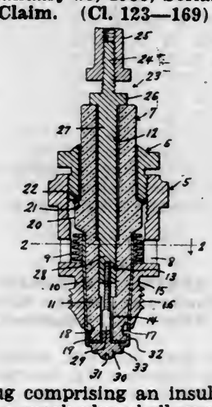
A support of the class described comprising a rod having a headed end, a flat relatively thin portion adjacent its opposite end and a lateral projection outwardly of said flattened portion said flattened portion being capable of resting on the upper surface of a door between the door and its jamb and said lateral projection engaging the edge of the door to retain the support thereon when the support is clamped between the door and the jamb.

2,064,088
MOTION PICTURE MACHINE
Bruno Stechbart, Chicago, Ill., assignor to The Bell & Howell Company, Chicago, Ill., a corporation of Illinois
Application February 3, 1934, Serial No. 709,644
6 Claims. (Cl. 242—55)



1. In a motion picture projecting machine the combination with an electric motor and film feeding mechanism driven thereby, of a rotatable film reel associated with said feeding mechanism, a second electric motor for driving said film reel to wind a film thereon, and electric switch means for controlling both of said motors comprising reversing switch means in circuit with said first mentioned motor to control the direction of rotation thereof and switch means in circuit with said second motor and adapted to close the second motor circuit in one position of said reversing switch means and to open the second motor circuit in the opposite position of said reversing switch means.

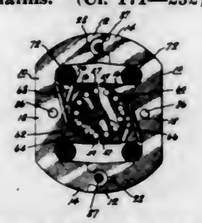
2,064,089
SPARK PLUG
Fred Stemmeler, Milwaukee, Wis.
Application January 25, 1936, Serial No. 60,863
1 Claim. (Cl. 123—169)



A spark plug comprising an insulated core of tubular form, a spark plug shell surrounding the

core and engageable with a spark plug opening in a cylinder head or the like, a gland engaging the shell and the core and holding the core in the shell, a central electrode located in the bore of the core, an outside electrode in the form of a tube surrounding a lower portion of the core, an air chamber between the walls of the shell and the tube and cooling fins circumposed on a portion of the tube and positioned in said chamber, said shell having radial openings immediately adjacent the fins for admitting air to the chamber.

2,064,090
MOTOR
Raymond H. Sullivan and William R. Gordon, Rochester, N. Y., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application May 23, 1934, Serial No. 727,072
3 Claims. (Cl. 171—252)



1. In a motor stator, a core comprising, in combination, laminations stocked together and comprising portions of the core, one of said laminations having a substantially arcuate projecting portion at one end thereof which arcuate portion extends more than 180°, another of said laminations having an opening therein that fits over the projecting portion to hold the laminations together and to provide a low reluctance magnetic joint between said laminations.

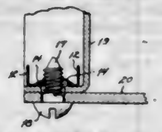
2,064,091
FASTENING DEVICE
George A. Tinnerman, Rocky River, Ohio, assignor to Albert H. Tinnerman, Cleveland, Ohio
Application July 28, 1936, Serial No. 93,086
2 Claims. (Cl. 85—36)



1. A fastening means for securing a threaded shank element or the like in apertured work, comprising a section of sheet-material having a thickness relatively thin with respect to the cross section of said threaded shank element, means extruded from said section for engaging said threaded shank element in the manner of a nut, and means provided in said section adapted to receive a tool or the like for advancing said section on the said shank element to fastening position against the adjacent face of the work.

2,064,092
SPRING FASTENER
George A. Tinnerman, Rocky River, Ohio, assignor to Albert H. Tinnerman, Cleveland, Ohio
Application July 31, 1936, Serial No. 93,680
2 Claims. (Cl. 85—36)

1. A fastening means for securing a threaded shank or the like in apertured work, comprising a device formed of a section of sheet material of a thickness relatively thin with respect to the cross section of said threaded shank, means extruded from said section for engaging said threaded shank in the manner of a nut and



means integral with said section and bent out of the plane thereof for providing means engageable by a suitable tool for advancing said section on the said shank to a position substantially flush against the adjacent face of the work.

2,064,093
ELECTRICAL APPARATUS
Herbert C. Walters, Dayton, Ohio, assignor to Delco Aviation Corporation, Dayton, Ohio, a corporation of Delaware
Application March 30, 1931, Serial No. 526,474
1 Claim. (Cl. 177—311)



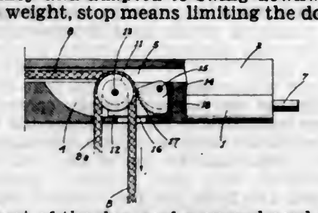
A combined circuit breaker and spark protractor for the ignition circuit of an internal combustion engine comprising a housing, a circuit breaker mechanism within said housing for periodically interrupting said ignition circuit to produce electrical impulses therein, a rotatable cam shaft extending into said housing to periodically actuate said mechanism, said shaft being rotatable in timed relation with the timing shaft of the engine, means extending through a slot in the housing and accessible from the exterior of said housing for adjusting the position of said mechanism with respect to said shaft, an arm within said housing carried by said shaft, a glow discharge tube secured to said arm, a cover plate for said housing, said plate having an opening registering with said tube in one position of its rotatable movement, said opening being elongated in the direction of movement of said tube, scale means carried by said plate adjacent said opening and cooperating with said tube, and means for electrically connecting said tube in parallel with the ignition circuit.

2,064,094
VENETIAN BLIND
Martin L. Wiener, San Leandro, Calif., assignor to Ry-Lock Company Ltd., San Leandro, Calif., a corporation
Application February 23, 1935, Serial No. 7,685
2 Claims. (Cl. 156—17)

1. In a Venetian blind, a rail from which the blind slats are supported, a pulley mounted in said rail on a horizontal axis and from one side of which both blind control cords depend, said rail having a bottom opening through which the cords

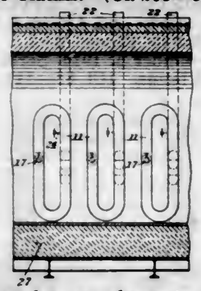
CARNEGIE LIBRARY OF ATLANTA

project, a dog mounted in the rail beyond said side of the pulley on an axis parallel to that of said pulley and adapted to swing downwardly of its own weight, stop means limiting the downward



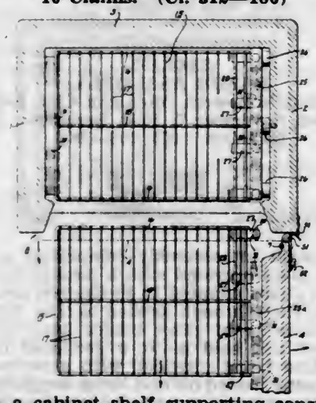
movement of the dog, and a curved cord gripping face on the dog disposed eccentric to the axis thereof and with its eccentricity increasing from the top down.

2,064,095
METHOD AND APPARATUS FOR HEATING
Lee Wilson, Cleveland, Ohio
Application June 8, 1935, Serial No. 25,624
8 Claims. (Cl. 266—5)



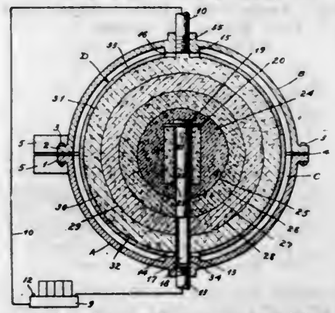
1. A heat-exchange element comprising a closed tube of substantially oval shape including a pair of straight portions substantially parallel and a pair of elbows connecting them, means for supplying a heat-conveying medium to the tube at a point on one of said straight portions, and an exhaust for said medium at a point spaced from said means.

2,064,096
SHELF SUPPORT
John T. Whalen, New York, N. Y.
Application June 20, 1935, Serial No. 27,461
10 Claims. (Cl. 312—186)



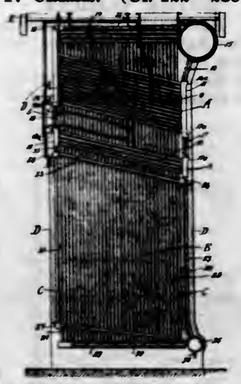
4. In a cabinet-shelf supporting construction, the combination of a cabinet, a door hinged thereto at one side, a shelf, supporting means within the cabinet upon which the shelf is slidable, means mounted on said door and shelf for slidably receiving the shelf upon the door and maintaining the shelf in horizontal position and supported on the door.

2,064,097
OIL REFINER
Albert R. White, Glendale, Calif.
Application October 23, 1934, Serial No. 749,629
2 Claims. (Cl. 210—131)



1. An article of manufacture comprising a pipe having a threaded end, a ball of filtering material disposed around the pipe and covering the pipe with the exception of the threaded end, the inner end of the pipe being closed, the pipe having an opening in its side wall, a screen enclosing the pipe and covering the opening, said filtering material covering the screen, and a sponge enclosing the screen and being enclosed by the filtering material, said sponge removing water from the oil without absorbing any oil.

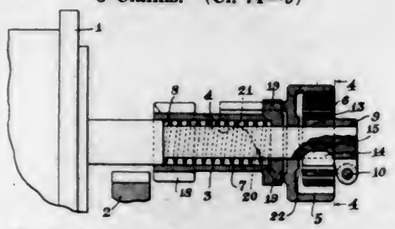
2,064,098
BOILER AND FURNACE INSTALLATION
Wilfred Rothery Wood, New York, N. Y., assignor to Combustion Engineering Company, Inc., New York, N. Y., a corporation of Delaware
Application May 21, 1934, Serial No. 726,678
17 Claims. (Cl. 122—235)



1. The combination with a boiler having an upper and a drop tube section each comprising a plurality of horizontally inclined tubes and downcomer and upcomer headers into which the tubes are connected, of a combustion chamber associated with said boiler, steam evaporating tubes in the chamber constituting walls of the combustion space thereof, downcomer means con-

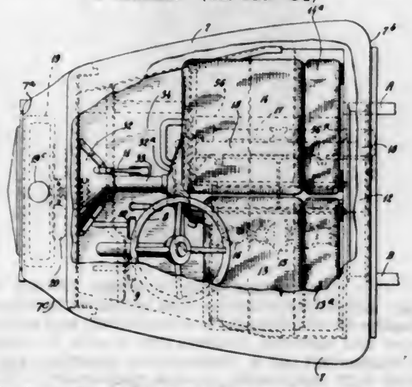
necting said steam evaporating tubes to the boiler for supply, said steam evaporating tubes being connected to deliver into the upcomer headers of the drop section of the boiler, and means connecting said upcomer headers to the upcomer headers of the upper section having a free area therethrough approximating that through the headers whereby to minimize restriction to flow.

2,064,099
STARTER FOR ENGINES
Arthur H. Abell, New York, N. Y.
Refiled for abandoned application Serial No. 560,326, August 31, 1931. This application April 7, 1936, Serial No. 73,170
3 Claims. (Cl. 74—9)



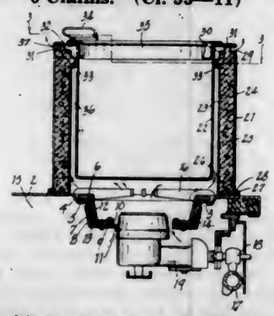
1. A starter for engines comprising, in combination with an engine gear wheel, a motor driven shaft, a cam-member mounted on the shaft and free to turn and slide thereon, a spring with one end in driving engagement with the shaft and the other end in driving engagement with the cam-member, a sleeve also mounted on the shaft and free to turn and slide thereon, lugs on the end of the sleeve adjacent to the cam-member, gear teeth on the other end of the sleeve adapted to slide into mesh with the engine gear-wheel, helical surfaces on the cam-member adapted to slide the sleeve on the shaft, thereby meshing its teeth with the engine gear-wheel, abutments at the outer ends of the helical surfaces adapted to make positive driving contact with the lugs on the sleeve and a spring adapted to act in opposition to the sliding motion imparted to the sleeve by the cam-member.

2,064,100
MOTOR VEHICLE
Benjamin B. Bachman, Philadelphia, Pa., assignor to The Autocar Company, Ardmore, Pa., a corporation of Pennsylvania
Application June 16, 1934, Serial No. 730,863
6 Claims. (Cl. 180—54)



1. A motor vehicle having a cab enclosing a driving compartment, a cowling at the forward end of said cab and in advance of said driving compartment, means associated with said cowling and cooperating therewith to form a chamber insulated from said driving compartment, a radiator mounted within said chamber, a seat-box, an internal combustion engine mounted to locate the upper part of the cylinder block and engine head within the area of the seat-box, the top of the seat box being vertically spaced from the engine head, means for insulating the engine exhaust manifold located within the space between said head and the top of said seat-box, a fan associated with said radiator, means for driving said fan from the front end of said engine, a gear-set behind said engine for transmitting power therefrom, a duct for transferring cool air from said fan to said engine and distributing it thereover, and manually actuatable means in advance of said seat-box for conditioning said gear-set for functioning in transmitting power, as aforesaid.

2,064,101
COOKING APPARATUS
Frank K. Berry and Alfred J. Reedy, Battle Creek, Mich.
Application December 5, 1934, Serial No. 756,118
6 Claims. (Cl. 53—11)



5. In cooking apparatus of the character set forth, a casing comprising an inner wall member provided near its top with an annular series of internal projections integral with the member, an outer wall member spaced from said inner wall member, a top member connecting said inner and outer wall members and having an annular series of upwardly extending projections, and a bottom member connecting said inner and outer wall members.

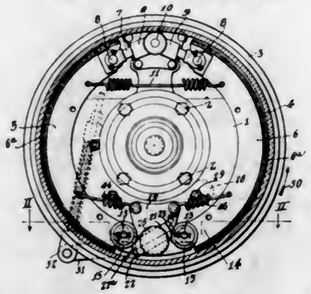
2,064,102
RAZOR ASSEMBLY
Whitefield Bowers, Michigan City, Ind.
Application November 7, 1934, Serial No. 751,815
9 Claims. (Cl. 206—16)



1. A pocket kit assembly comprising a razor having a plate provided with a post at an angle thereto, a guard adapted to fit thereon and having a hole therethrough located to take over said post, a plurality of razor blades lying between said guard and said plate, a sectional handle, each section being provided with a recess, said sections being nested on and being longitudinally coextensive with said guard and on opposite sides of said post, with the post occupying said re-

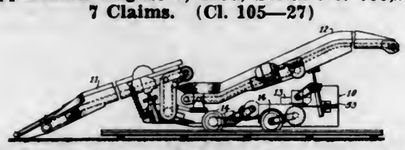
cesses, whereby the razor parts occupy substantially the entire space within the outer boundaries of said assembly, and a case of substantially the dimensions of said outer boundaries to enclose said assembly.

2,064,103
CAM ASSEMBLY FOR BRAKES
Vincent H. Burdick, Gardena, Calif.
Application November 5, 1934, Serial No. 751,537
3 Claims. (Cl. 188—78)



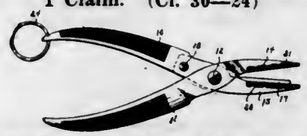
1. A substitute front wheel brake-actuating mechanism for an automobile wheel brake of the type described having a brake anchor plate with an aperture therethrough for mounting a wedge anchoring bolt which aperture is positioned between the lower ends of a pair of brake shoes having actuating rollers thereon; said mechanism comprising a bracket shaped to fit against the exterior face of the anchor plate and having therein a bearing juxtaposed to the wedge anchoring bolt aperture in the anchor plate, a rock shaft journaled in said bearing and projecting therebeyond at each end, the outer end of said shaft being dimensioned to pass through and fit snugly in the said bolt aperture in the anchor plate and having a cam thereon shaped to cooperate with the rollers on the brake shoes for separating the latter in response to rotation of said shaft, the inner end of said shaft having a lever arm mounted thereon for rocking said shaft, and a flexible cable for connecting said lever arm to the brake-actuating lever on the main brake cross-shaft of the automobile.

2,064,104
LOADING MACHINE
Frank Cartlidge, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application August 3, 1934, Serial No. 738,235
7 Claims. (Cl. 105—27)



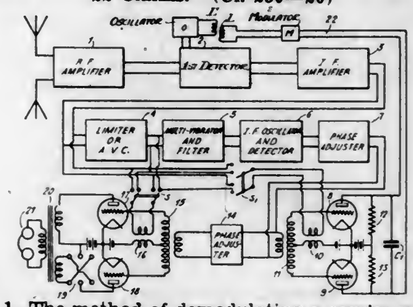
1. In a self-propelled track mounted truck, power driven track wheels and axles therefor, and holding and draft means for said truck auxiliary to said track wheels and axles comprising a winding drum having a flexible cable extending therefrom and adapted to be connected to a fixed abutment remote from said truck, said winding drum having substantially the same effective diameter as said track wheels and being driven by one of said axles at substantially the same speed as said track wheels, and means for driving said winding drum and maintaining tension on said cable when said track wheels are driven in either direction comprising a driving pin adjustable to permit said winding drum to be driven in a winding direction only and a friction member against which said drum rotates when being unwound by said flexible cable.

2,064,105
FLOWER, FRUIT, AND VEGETABLE GATHERING TOOL
George W. Conlee, Des Moines, Iowa
Application October 14, 1935, Serial No. 44,905
1 Claim. (Cl. 30—24)



In a stem cutting and gathering tool, two hinged jaw members having their entire adjacent inner faces flat and straight, a longitudinal slot opening in one of said jaw members extending completely through said jaw member and resting in close proximity to one of its side longitudinal edges, a beveled side edge on said jaw member having said slot opening and in close proximity to said slot opening, a longitudinal slot opening in the other said jaw member extending completely through said jaw member and registering with the said first mentioned slot opening, a bevelled side edge on said last mentioned jaw member and in close proximity to the said slot opening in said jaw member, a detachable cutting blade in said last mentioned slot opening capable of entering said first mentioned slot opening when said jaw members are brought together for cutting a stem, and a handle member on each of said jaw members for facilitating the manual operation of the same; said inner faces of said jaw members clamping and holding one portion of a stem between them after said stem has been cut by said knife and said beveled side edges of said jaw members preventing the clamping and holding of the other portion of the stem cut by said knife by said jaw members.

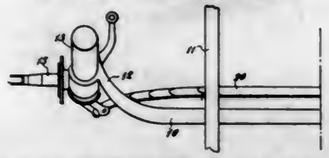
2,064,106
RECEIVER
Murray G. Crosby, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application December 27, 1933, Serial No. 704,122
22 Claims. (Cl. 250—20)



1. The method of demodulating a carrier wave varied as to phase or frequency in accordance with signal potentials which includes the steps of, diverting energy from said phase or frequency

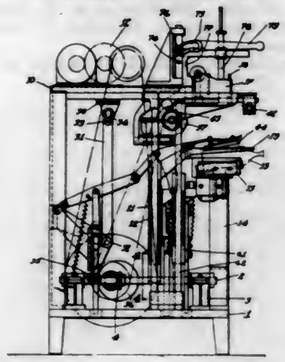
varied carrier wave, reducing the mean frequency of the diverted energy and simultaneously the degree of modulation of said energy, increasing the mean frequency of the energy of reduced frequency to the frequency of the carrier wave without increasing the degree of modulation thereof, and combining said last named energy with carrier wave energy to render the signal.

2,064,107
FRONT WHEEL SUSPENSION FOR MOTOR CARS
Aldo Gerardi, Galliate, Italy
Application May 1, 1933, Serial No. 668,721
3 Claims. (Cl. 280—96.2)



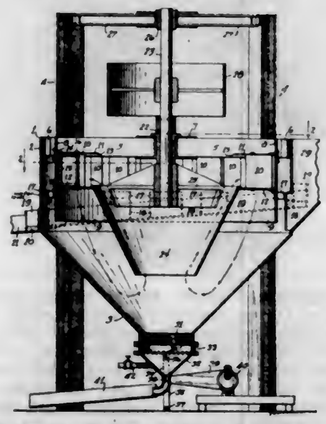
1. A telescopic suspension for the front wheels of a motor car, comprising a frame having an axle, a guiding support at each end of said axle, inclined along a longitudinal plane substantially parallel to the central line of said frame, so that the lower end of said support will be frontwardly spaced with respect to its upper end, two wheel carrying members each including a steering pivotal member mounted in telescopic relation to one of said supports, a leaf spring secured to the central part of said frame and extending laterally thereof, and means connecting each end of said spring to one of said wheel carrying members, said connecting means including a connecting pivotal pin mounted at the lower end of said wheel carrying member, coaxial with and rotatable about the axis of its corresponding steering pivotal member, and an inwardly directed link articulatedly connecting said pivotal pin to said spring.

2,064,108
BOTTLE LABELING MACHINE
Winfred S. Griffith, Worcester, Mass., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass., a corporation of Massachusetts
Application April 25, 1934, Serial No. 722,344
5 Claims. (Cl. 216—54)



1. In a machine of the class described, the combination with a work support and a stationary label magazine above said support and in vertical alinement therewith, of label pickers movable in a straight line between the magazine and the support to remove a label from said magazine and position it above a bottle on said support, and a gumming element having a complete reciprocatory movement for applying adhesive to said pickers during a dwell in their travel toward said magazine.

2,064,109
ORE REDUCING MACHINE
Alvah D. Hadsel, Oakland, Calif.
Application November 18, 1932, Serial No. 643,269
15 Claims. (Cl. 83—46)



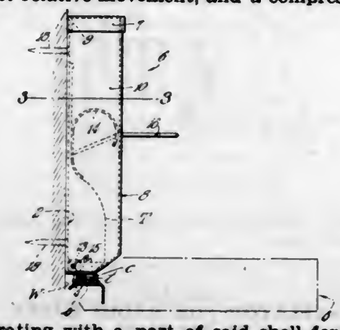
1. In an ore reducing machine, a tank for holding water, a frusto-conical element revolvable in the tank on a vertical axis and having upper and lower edges for drawing in water through the lower edge and for discharging the same centrifugally over the upper edge in a continuous circuit, means for feeding ore into the circuit, and a series of breaker plates mounted to encircle the upper edge of the element for disintegrating the ore discharged thereagainst.

2,064,110
TREATMENT OF MILK AND MILK PREPARATIONS
Ralph E. Hall, Mount Lebanon, Pa., assignor to Hall Laboratories, Inc., Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application October 16, 1934, Serial No. 748,478
11 Claims. (Cl. 99—54)

1. The process of improving the digestibility of milk and milk preparations and increasing their soluble calcium content, which comprises adding thereto a calcium salt and an alkali-metal metaphosphate which when the milk or milk preparation is in the liquid state holds the calcium in soluble slightly ionized form.

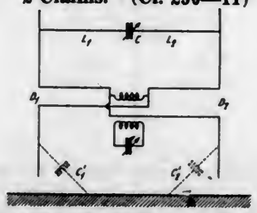
2,064,111
DISPENSING DEVICE
Ernest J. Hartland, West Springfield, Mass.
Application June 4, 1936, Serial No. 83,468
6 Claims. (Cl. 221—60)

1. A dispensing device for collapsible tubes comprising in combination, a back plate having supporting means for a collapsible tube provided with an outlet, a shell swingable relative to the back plate and having side walls and a front wall provided with an up and down slot, connections between said shell and back plate, retaining means to releasably hold the shell and back plate against relative movement, and a compressor for



cooperating with a part of said shell for acting on a tube.

2,064,112
ANTENNA
Paul Hermanspann, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application December 29, 1934, Serial No. 759,637
In Germany December 30, 1933
2 Claims. (Cl. 250—11)



1. In an antenna system, a pair of upright dipoles, means including a system of parallel conductors for interconnecting the upper arm of each dipole with the lower arm of the other dipole, and means including an inductive and capacitive impedance interconnecting points on the upper arms of the two dipoles and near the upper extremities of said arms for balancing the impedances of the lower arms of the two dipoles where otherwise an unbalance would exist due to the proximity of said lower arms to ground.

2,064,113
MOLDED DESICCANT AND METHOD OF PRODUCING SAME
Ralph V. Heuser, Mount Vernon, N. Y.
No Drawing. Application February 11, 1936, Serial No. 63,465
10 Claims. (Cl. 252—2.5)

1. A desiccant comprising a hydrated oxide of boron having less H_2O than orthoboric acid intimately associated with a porous inert carrier.

2,064,114
CONCENTRATED SOLUTIONS OF THE FOLLICLE HORMONE AND ITS ESTERS AND METHODS OF MAKING THE SAME
Friedrich Hildebrandt, Hohen Neuendorf, near Berlin, Germany, assignor to Shering-Kahlbaum A. G., Berlin, Germany
No Drawing. Application January 26, 1934, Serial No. 708,427. In Germany January 31, 1933
15 Claims. (Cl. 167—74)

3. A method of preparing highly concentrated solutions of a follicle hormone and its esters which comprises dissolving said follicle hormone and a phenol ester in a readily volatile organic solvent, mixing said solution with a sufficient amount of a vegetable oil, and expelling the volatile solvent by evaporation.

2,064,115
MOTOR DRIVEN ILLUMINATED ENDLESS BAND SIGN APPARATUS
Isidore Holsman, Chicago, Ill.
Application February 15, 1935, Serial No. 6,666
11 Claims. (Cl. 40—32)

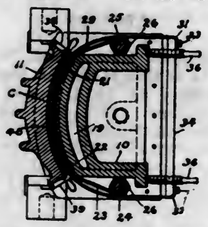


1. In an illuminated sign apparatus of the class described, a casing or box having an elongated opening along one side wall, an endless band of greater length than said opening in said casing and movable along said opening in edgewise position, said casing providing storage space for the portion of the band not along said opening, means for moving said band continuously along said opening and from and into said storage space, said band adapted to accumulate in folds or convolutions within said storage space, the bottom of said storage space on which the convolutions rest being below the lower edge of the band at its point of departure from said moving means to facilitate formation of folds or convolutions in said space and to reduce friction between band and bottom of storage space.

2,064,116
HYDRATION OF OLEFINES
George Frederick Horsley, Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application March 22, 1935, Serial No. 12,495. In Great Britain March 27, 1934
12 Claims. (Cl. 260—156)

7. In a process for the catalytic hydration of olefines, the improvement which comprises carrying out the reaction in the presence of a catalyst containing as its essential component a metaphosphate of a metal selected from the class consisting of iron and aluminum.

2,064,117
MOLD FOR CASTING STEREOTYPE PRINTING PLATES
William F. Huck, Richmond Hill, N. Y., assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York
Original application June 2, 1932, Serial No. 614,910. Divided and this application April 13, 1934, Serial No. 720,351
8 Claims. (Cl. 22—5)



4. In a mold for casting stereotype printing plates, a first mold member and a second mold

member which coact to form a casting chamber, means for securing a matrix to the first mold member, recesses in the second mold member along three of its edges, and heat insulating material in the recesses.

2,064,118

PROCESSES OF PRODUCING RAYON

Charles A. Huttinger, Lakewood, and Edward R. Timlowski, Cleveland, Ohio, assignors to Acme Rayon Corporation, Cleveland, Ohio, a corporation of Ohio

No Drawing. Application October 16, 1935, Serial No. 45,310
4 Claims. (Cl. 18—54)

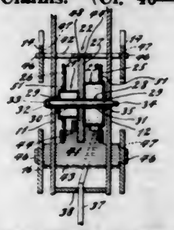
1. A process of producing rayon consisting in making cellulose xanthate, mixing the same with a solution of caustic and sodium sulphite, spinning the resultant viscose solution, freeing the spun product of acid and salt, and then treating the spun product with a solution of sodium sulphite and oxalic acid.

2,064,119

CLIMBING TOY

Joseph V. Irenius, Brooklyn, N. Y., assignor to The Dolly Toy Company, Dayton, Ohio, a corporation of Ohio

Application May 22, 1934, Serial No. 726,911
Renewed May 11, 1936
9 Claims. (Cl. 46—61)



1. A toy of the climbing figure type, characterized by a hollow body and a differential pulley provided with a flexible operating member wound upon said pulley and extending out from said body; said toy being further characterized by a disc cam fixed co-axially upon said pulley, and having an eccentric periphery; a lever extending transversely of said body and projecting at each end through the sides thereof, said lever having an integral projection engaged peripherally with said cam disc; and appendages upon said projecting ends of the lever simulating animated members of said body, the body having V-shaped apertures to receive said projecting lever ends, and in the apices of which V-shaped apertures said lever ends are fulcrumed to oscillate under the action of said cam.

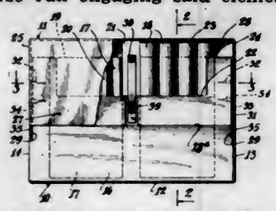
2,064,120

CONTAINER

Nelson Lee Jacobus, Hempstead, N. Y., assignor of one-half to Mallie D. Jones, Bayside, N. Y.

Application May 24, 1935, Serial No. 23,170
4 Claims. (Cl. 206—41)

1. A container including a body and a cover constituting associated units, and means for controlling relative movement of the units, including a guide element on one unit, and an elongated guide means on the other unit slidably engaging said element, said guide means having a longitudinal run engaging the guide element during predetermined relative longitudinal movement of the units in a zone adjacent closed position, and a transverse run engaging said element during



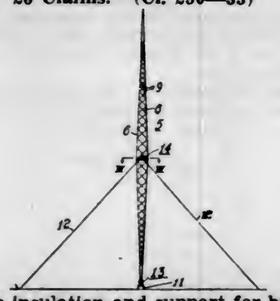
transverse relative movement of the units beyond said zone.

2,064,121

INSULATOR FOR RADIO MASTS

Ralph L. Jenner, Le Roy, N. Y., assignor to Lapp Insulator Company, Inc., a corporation of New York

Application October 23, 1933, Serial No. 694,694
26 Claims. (Cl. 250—33)



21. Base insulation and support for broadcasting antenna structure of the vertical type comprising a base member adapted to be anchored to a foundation, a single frusto-conical insulator supported in the member, and a bearing member on the apex of the insulator, having means for forming a universal support connection of the base of the structure to the insulator.

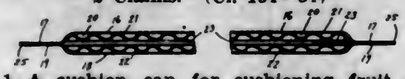
22. Base insulation and support for broadcasting antenna of the vertical mast type comprising a base member adapted to be anchored to a foundation, frusto-conical insulators disposed in inverted relation to each other and in axial alinement, one of said members being secured in the base member and the other being provided with means for securing it to the base of the antenna, and means providing a universal joint between said insulators to allow relative movement of the insulators at the joint in response to swaying or tilting of the antenna.

2,064,122

CUSHION PAD

Herman C. Krannert, New Augusta, Ind., assignor to Fruit and Produce Packing, Inc., Indianapolis, Ind., a corporation

Application December 29, 1934, Serial No. 759,710
2 Claims. (Cl. 154—54)



1. A cushion cap for cushioning fruit and the like in containers without marring of the fruit, comprising a chamber forming envelope of the desired outline and shallow depth and of relatively thin tough paper providing an interior chamber of limited volume, and compressible

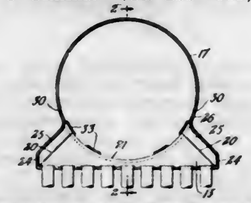
means therein and of substantially the same volume as the chamber, said compressible means including a plurality of superposed, independent paper sheets each having the chamber outline and substantially the same area thereof and of a paper stock relatively softer than that utilized in corrugated board formation, each of said sheets having integral deformations therein projecting oppositely from the median plane of the sheet, the deformations in adjacent sheets having a non-nesting arrangement, each deformed sheet being capable of further deformation locally without crease formation, the excess sheet material adjacent the local deformation and resulting therefrom, being transmitted to the immediate adjacent portion in the sheet, progressive transference of such deformation throughout the sheet for enlargement thereof being prevented by sheet confinement within the chamber.

2,064,123

WELDED BOILER CONSTRUCTION

John R. Kruse, East Orange, N. J., assignor to Combustion Engineering Company, Inc., New York, N. Y., a corporation of Delaware

Application January 4, 1934, Serial No. 705,255
3 Claims. (Cl. 122—365)



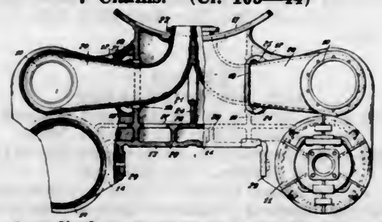
1. In combination, a boiler drum, and a cross box formed with welded butt seams located so as to be accessible for accurate X-ray examination of the welds, the shell of said drum having an opening for receiving said cross box, said cross box having an upper flanged portion struck on the same radius as the drum shell, said flanged portion being of a size to fit said opening in the shell with the peripheral edge thereof in butt seam relation to the edge of the opening, and said seam being welded and accessible for accurate X-ray examination.

2,064,124

CYLINDER CONSTRUCTION

Henry E. Muchnic, Atchison, Kans., assignor to The Locomotive Finished Material Company, Atchison, Kans., a corporation of Kansas

Application January 24, 1934, Serial No. 708,080
7 Claims. (Cl. 105—44)



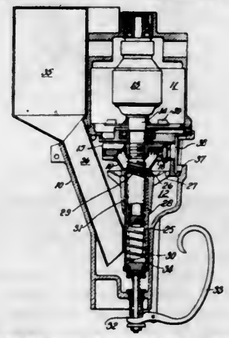
1. A cylinder structure comprising a single piece skeleton casting formed to provide front and rear walls, a valve chamber and a cylinder at opposite ends of the casting, the cylinders being integrally united by a grid of interlocking ribs; the front and rear walls having enlarged openings; and exhaust steam conduits integrally connected to opposite ends of each valve chamber and disposed through said openings and uniting within the structure, said conduits at their sides being free of the casting and having an integral laterally expansible web connection both at top and bottom with the outer walls of the structure.

2,064,125

METHOD AND APPARATUS FOR SPRAYING

Edward O. Norris, Port Chester, N. Y., assignor to The Norris Painting Machinery Corporation, Inc., New York, N. Y., a corporation of New York

Application October 19, 1931, Serial No. 569,569
Renewed March 17, 1934
16 Claims. (Cl. 299—63)



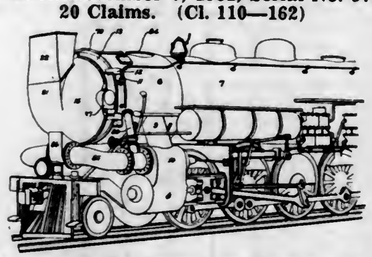
14. Paint spraying apparatus comprising, in combination, screw means adapted for being positioned at an angle with the vertical and adapted for feeding a liquid, centrifugal means at one end of the screw means adapted for receiving the said liquid from the screw means and for distributing the liquid, supply means adapted for maintaining by gravity a portion of the other end of the screw means under the surface of the liquid being supplied when the axis of the screw means is at an angle with the vertical, a housing surrounding the distributor having an aperture for the centrifugal ejectment of liquid, and means for returning excess liquid to the base of the screw means.

2,064,126

LOCOMOTIVE

Christopher A. Schellens, Marblehead, Mass., and George W. Emery, Englewood, N. J., assignors to C-S Engineering Company, Englewood, N. J., a corporation of Delaware

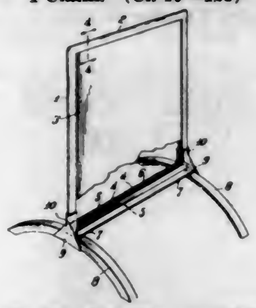
Application November 7, 1931, Serial No. 573,618
20 Claims. (Cl. 110—162)



1. A fan drafter, for a locomotive smoke-box, including a casing having attachment means for mounting the drafter at the forward edge of the smoke-box with a portion of the casing projecting forwardly from the smoke-box, the casing

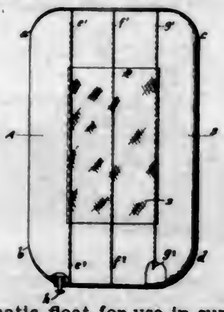
being split into a plurality of members on a substantially vertical plane adjacent the front edge of the smoke-box to provide for access to the interior of the casing without disconnecting the attachment means.

2,064,127
SIGN DISPLAY STAND
Louis J. Schneider, Chicago, Ill.
Application September 23, 1935, Serial No. 41,761
1 Claim. (Cl. 40—125)



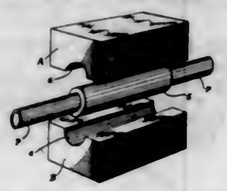
A sign display structure comprising a frame equipped with channeled side and top rails and a slotted bottom rail for engaging the peripheral edge portions of a sign-plate and permitting insertion and removal thereof, the said bottom rail equipped with outwardly projecting flanges provided with perforations at points adjacent to the lower ends of the side rails, a pair of supporting leg members provided in their upper faces with perforations registering with those in the aforesaid flanges of the bottom rail of the frame, removable coupling devices engaged in the registering perforations to secure the leg members to said frame, brackets rigidly secured to said supporting leg members and equipped with upper end portions engaging the side rails of the frame member for cooperation with said coupling devices to maintain said leg members firmly engaged with the said frame against movement relatively thereto and a pair of sign supporting devices each pivotally secured to the lower face of bottom rail and adapted to be moved to and from positions spanning the slot therein.

2,064,128
PNEUMATIC SURFBOARD OR FLOAT
Ernest Eric Smithers, Sydney, New South Wales, and Carl Dodsworth Richardson, Brisbane, Queensland, Australia
Application February 19, 1934, Serial No. 711,870
In Australia February 21, 1933
3 Claims. (Cl. 9—11)



1. A pneumatic float for use in surfing and in swimming, composed of substantially airproof material, adapted to be inflated, of substantially rectangular shape, limited in length to allow free use of the legs and limited in width to allow free use of the arms, comprising a plurality of internal partitions whereby the float is divided into longitudinal substantially parallel compartments entirely capable of inflation between said partitioning walls, said float having attached to the upper outer surface thereof a strip of material having a greater coefficient of friction than the material composing the outer surface of the float.

2,064,129
METHOD AND APPARATUS FOR FORMING JOINTS
Robert Temple, Jr., Pittsburgh, Pa.
Application December 8, 1934, Serial No. 756,635
19 Claims. (Cl. 140—113)



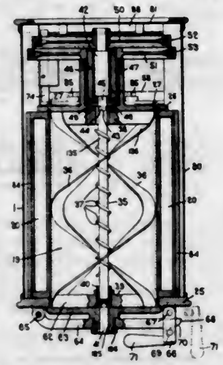
1. The method of bonding pipes and the like which consists in inserting the terminals thereof into a sleeve having a longitudinal bore therein of substantially the same diameter as the diameter of the pipes, placing the sleeve between a plurality of dies having complemental grooves shaped to fit the exterior surface thereof but of slightly less diameter than the diameter of the sleeve, and then compressing the sleeve between the dies under the impulse created by the explosion of a confined explosive charge.

2,064,130
PROCESS FOR DEGUMMING TEXTILE FIBERS
Luigi Roffeni Tiraferri, Bologna, and Carlo Mazzetti, Rome, Italy
No Drawing. Application June 23, 1934, Serial No. 732,094. In Italy July 4, 1933
1 Claim. (Cl. 92—10)

The process of degumming textile fibers, which comprises immersing a textile fiber in an aqueous solution containing casein in a proportion of from 5 to 15 parts by weight of the water used, adding from 1 to 5 parts of caustic soda to the solution, adding hydro-carburated soap to the mixture, subjecting the fiber immersed in the mixture to a pressure of from 2 to 6 atmospheres and to heat, washing the fiber and then drying the same.

2,064,131
ICE CREAM FREEZER
George E. Tuscan, Wollaston, and Wilfred F. Mathewson, North Weymouth, Mass.
Application January 2, 1934, Serial No. 704,902
2 Claims. (Cl. 259—10)

1. An ice cream freezer having a horizontally-arranged freezing chamber open at one end, a removable closure for said open end, two coaxial rotary stirring elements in said freezing chamber, the outer stirring element having a spider portion at the end thereof adjacent the open end of the chamber, said spider portion having a bearing opening, a bearing member removably mounted in said opening and providing a supporting bearing for the corresponding end of the inner stirring element, said bearing member being retained in position in the spider by the closure when it is in closed position, and



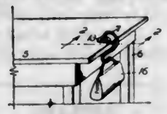
a centering pin carried by and removable with the closure and cooperating with the bearing member to hold the latter in operative position when the closure is in closed position.

2,064,132
BUILDING MATERIAL
Charles A. Upson, Lockport, N. Y., assignor to The Upson Company, Lockport, N. Y., a corporation of New York
Application August 8, 1930, Serial No. 473,794
Renewed March 27, 1933
6 Claims. (Cl. 154—45.9)



1. A building material comprising a body of fiberboard, a sheet of paper adjacent one side of said body, a coating of waterproofing material on one side of said sheet of paper, a layer of relatively soft absorbent material adjacent the opposite side of said body from said sheet of paper, and a layer of liquid impervious material between said body and said soft absorbent material, so that moisture absorbed by the latter will not permeate said body.

2,064,133
HANGER FOR HANDBAGS AND THE LIKE
Albrecht von Schroeder, Denver, Colo.
Application March 12, 1935, Serial No. 10,672
2 Claims. (Cl. 248—214)



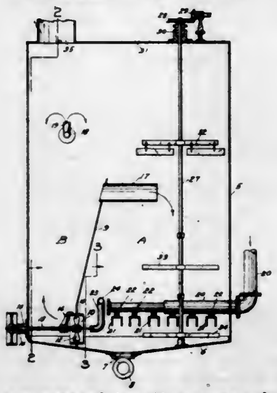
2. A support comprising in combination a hook-portion of substantially S-shape, the end of the upper loop being directed downwardly so that its center line intersects the lower loop, the end of the upper loop having a plate attached thereto by a pivot pin that lies in the plane of the hook-portion and is perpendicular to the center line of the end of the loop, the plate being rotatable about the pivot from a plane perpendicular to the center line and into a plane parallel with the plane of the hook-portion.

2,064,134
STAIR TREAD MAT
Edward W. Weiland, Rochester, N. Y.
Application February 24, 1936, Serial No. 65,367
6 Claims. (Cl. 20—79)



1. A stair or like covering embodying a mat of flexible material having on its under side near an edge thereof but back from such edge a flap-like attaching tongue having its free end provided with means for interlocking in detachable engagement with a fastening member secured to the stair, the tongue and mat having a separable relationship permitting them to be drawn apart while still basically connected to facilitate manipulation of the tongue.

2,064,135
SUGAR CARBONATION PROCESS AND APPARATUS
Raymond M. White, Denver, Colo.
Application June 6, 1933, Serial No. 674,523
7 Claims. (Cl. 127—51)



1. In a process of treating sugar juice in the manufacture of sugar, the method of liming and carbonating sugar-juices in a continuous operation, comprising the production of a circulatory movement of raw sugar juices in the presence of defecating and carbonating agents, in an upwardly and downwardly directed stream, and adding to said stream at the lowermost portion thereof raw or partly defecating juice under an instant disseminating influence, the defecating agent being introduced into the upwardly moving current of the stream, and the carbonating agent being introduced into the downwardly moving current of the stream in an upwardly ranging movement.

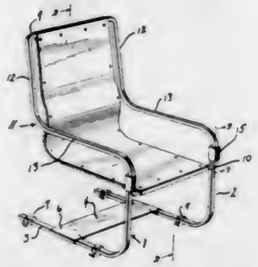
2. Apparatus for liming and carbonating sugar-juices comprising a tank, a partition dividing the tank into compartments and having in the lower portion of the tank, a passage between the compartments, a propeller in said passage, a nozzle at the upper portion of the partition for the passage of circulating juices from one compartment to a point in the other compartment, remote from the partition, means for the supply of defecating and carbonating agents to the tank, and means for the supply of raw or partly defecated juice to the tank, adjacent the propeller.

2,064,136
HOUSEHOLD UTENSIL
Stover C. Winger, Los Angeles, Calif., assignor to Guy H. Hall, Los Angeles, Calif.
Application December 10, 1935, Serial No. 53,807
11 Claims. (Cl. 294—7)



1. In a kitchen utensil of the character described, a blade of resilient material, and a handle therefor, said blade having an arched cross section, and the material of the blade being sufficiently thin and the depth of the arch being such as to permit ready flexing of the blade on an axis transverse to the blade when the bending force is applied in one direction, but to resist flexing of the blade on a transverse axis when the bending force is applied in the opposite direction.

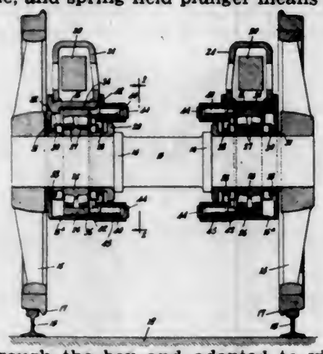
2,064,137
SPRING BASE FURNITURE
Louis J. Zerbee, Bellefontaine, Ohio
Application January 23, 1936, Serial No. 60,501
4 Claims. (Cl. 155—50)



1. In an article of furniture, a flexible metallic base member comprising a pair of L-shaped base members composed of a horizontal portion and a vertical portion, a cross member connecting the horizontal members at approximately their mid portions by passing around said horizontal portions, a rubber floor engaging pad fastened around the extremities of each horizontal portion for raising the base members clear of the floor and permitting flexing of the base members between the rubber pads, and at the same time preventing any horizontal movement of the base members relative to the floor, and a seat and back assembly secured to the free ends of the vertical portions by the use of sleeve means.

2,064,138
MEANS FOR CONTROLLING MOTION OF A RAILWAY VEHICLE AXLE
George H. Zouck, Orange, N. J., assignor to Franklin Railway Supply Company, New York, N. Y., a corporation of Delaware
Application November 4, 1933, Serial No. 696,693
32 Claims. (Cl. 308—180)

1. A device for controlling motion of a railway vehicle axle including in combination with the frame of the vehicle, an axle box mounted in the frame so as to have freedom for vertical movement but restrained against transverse movement with respect thereto, an axle bearing in said box mounted to move within the box with the axle, and spring held plunger means projecting through the box and adapted to yieldingly resist motion of said bearing.



2,064,139
ADHESIVE
Frank M. Allen, Summit, and Walter S. Egge, East Orange, N. J., assignors to Congoleum-Nairn Inc., a corporation of New York
No Drawing. Application February 16, 1935, Serial No. 6,885
2 Claims. (Cl. 134—23.1)

2. An adhesive composition, adapted for the installation of linoleum or a similar surface covering on plaster walls and ceilings, comprising approximately 27% to 35% of alcohol-soluble oxidized drying oil, approximately 6% to 8% of rosin, approximately 35% to 40% of a filler material including a major proportion of bentonite clay and minor proportions of asbestos fiber and a white pigment, and approximately 25% of alcohol.

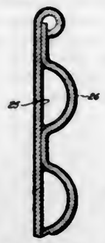
2,064,140
FLUID-TIGHT CONNECTER FOR THREADLESS PIPES
Ernst G. Appleton, Chicago, Ill., assignor to Appleton Electric Company, a corporation of Illinois
Application April 22, 1936, Serial No. 75,678
4 Claims. (Cl. 285—123)



1. A clamping ring comprising a wide, thin band formed into a ring and having its end faces relieved at the middle and adapted to fit against each other adjacent to the long edges of the band.

2,064,141
METHOD OF MAKING REFRIGERATING APPARATUS
Joseph Askin, Buffalo, N. Y., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y.
Application March 16, 1934, Serial No. 715,933
2 Claims. (Cl. 113—118)

1. In the manufacture of refrigerating apparatus which includes the steps of deforming a pair of sheets, superimposing them, and welding them together in the presence of air at contacting points, the method which comprises cleaning the interior of the structure with a corrosive solution, and thereafter coating the interior with molten metal, said metal being adherent to the sheets when cold, whereby flashings entrapped between the sheets are permanently imprisoned.



2,064,142
GEOMETRICAL INSTRUMENT
Edmund R. Barany, New York, N. Y.
Application April 2, 1935, Serial No. 14,220
11 Claims. (Cl. 33—109)



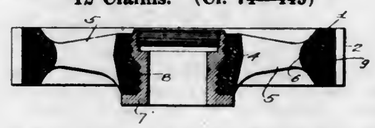
1. A geometrical instrument of the type adapted to be employed as a drafting apparatus, comprising a body member, means for supporting said body member for rolling movement over a drafting surface along two different courses at an angle to each other and including a pair of rollers arranged for alternate rotation as the body member is alternately moved along said courses, an indicator for registering the extent of movement of said body member along said courses and including a pair of indicator elements, one of which is operatively connected to one of said rollers and is adapted to be moved by that roller as the body member is moved along one course, and the other of which is operatively connected to the other of said rollers and is adapted to be moved by that roller as the body member is moved along the other course.

2,064,143
RUBBER GLOVE AND PROCESS OF MAKING SAME
Porter Lee Belton and Oscar Leroy Belton, Barberton, Ohio, assignors to Seiberling Latex Products Company, Akron, Ohio, a corporation of Ohio
Application February 23, 1935, Serial No. 7,700
2 Claims. (Cl. 18—53)



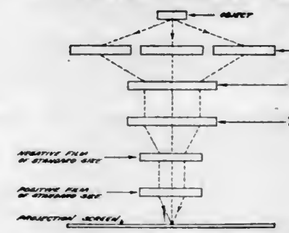
1. The process of making rubber articles with pebbled or crinkled outer surfaces of different degrees of roughness which comprises partially vulcanizing the article to form a skin of rubber on the article, pebbling or crinkling a portion of the article by subjecting said portion thereof to the action of a swelling agent, and then simultaneously vulcanizing the complete article and pebbling or crinkling another portion of the article to a different degree than the first portion thereof by subjecting the entire article to the action of a combined vulcanizing and swelling agent.

2,064,144
GEAR
Frank H. Benge, Norristown, Pa., assignor to Continental-Diamond Fibre Company, Newark, Del., a corporation of Delaware
Application July 20, 1935, Serial No. 32,460
12 Claims. (Cl. 74—445)



1. A fibre gear comprising a fibrous rim portion, a hub portion, a fibrous load-transmitting portion connecting said rim and hub portions, and sound-deadening means interposed between said rim portion and said load-transmitting portion.

2,064,145
POLYCHROMATIC PHOTOGRAPH AND CINEMATOGRAPH METHOD
Paul Edmond Bonneau, Paris, France, assignor to Gaston Chausson, Asnieres (Seine), France
Application March 14, 1933, Serial No. 660,651
In France March 17, 1932
4 Claims. (Cl. 88—16.4)



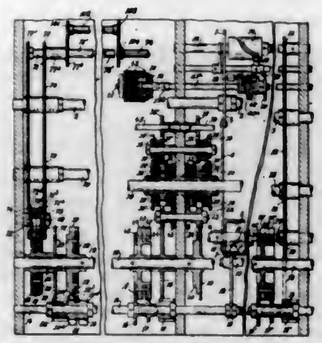
1. A polychromatic, cinematographic method, which comprises taking simultaneously groups of at least three negative images, which are equal in size, through selective coloured filters on a negative film of a size, which is greater than that of the ordinarily used standard positive film, printing an intermediary positive film with the same dimensions directly from the negative film, printing a standard negative film by optical reduction from said intermediary positive film, printing a positive film from said standard negative film, the area of each group of positive images in the last-mentioned positive film being substantially equal to that occupied by a positive standard image usually projected by the projecting apparatus for which the last-mentioned positive film is designed, and projecting simultaneously and in superposition the positive images of each group, said images being projected upon a projection screen with a magnification which bears the same ratio to the magnification ordinarily employed for a standard projection apparatus for the same screen dimensions, as the ratio between the size of an original negative image and that of a reduced positive image, whereby a picture is produced upon said screen, which has the same clearness as that which would be produced by the projection upon the same screen and at the same distance of a positive picture having the same size as that of its negative standard picture.

2,064,146
CONSTANT RESISTANCE AMPLIFIER CIRCUIT
Rene A. Braden, New York, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application October 3, 1929, Serial No. 396,956
26 Claims. (Cl. 178—44)



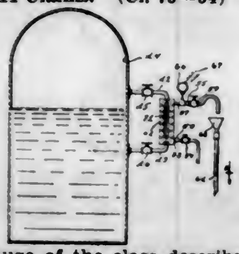
13. In combination with a source of radio frequency energy and an electron discharge tube, a network comprising an oscillatory circuit connected to said source and a second oscillatory circuit connected between the input electrodes of said tube, said circuits being coupled to transfer energy from said source to said tube, means for tuning at least one of the circuits through a frequency range, and an impedance in said last circuit whose reactance and resistance is so proportioned that the total effective resistance of the circuit remains substantially constant over said range whereby a substantially constant degree of sharpness of tuning thereof is secured throughout said range.

2,064,147
CONTROLLING MECHANISM FOR CASH REGISTERS AND CALCULATING MACHINES
Ernst Breitling, Essen, Germany, assignor, by mesne assignments, to The National Cash Register Co., Dayton, Ohio, a corporation of Maryland
Application March 12, 1931, Serial No. 522,051
In Germany April 26, 1930
18 Claims. (Cl. 235—7)



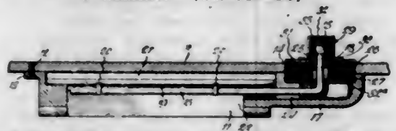
1. A controlling mechanism for cash registers and calculating machines adapted to record single amounts, intermediate totals and grand totals, comprising amount differential members, a plurality of amount keys for controlling said differential members, a totalizer associated with said differential members, a setting member for determining the kind of operation of the machine, driving means for the amount differential members, and means for setting said driving means in operation at different periods in the cycle of a machine operation in accordance with the setting of the setting member.

2,064,148
GAUGE GLASS
Harry E. Breisford, Birmingham, Mich., assignor to Diamond Power Specialty Corporation, Detroit, Mich., a corporation of Michigan
Application June 20, 1932, Serial No. 618,366
11 Claims. (Cl. 73—54)



1. In a gauge of the class described, a gauge body having a cavity opening through one side thereof for receiving the fluid to be measured, means for sealing the open side of said cavity, means providing a chamber for trapping any fluid escaping from said cavity past said sealing means, and pressure responsive means for indicating the presence of escaping fluid in said chamber.

2,064,149
THERMOMETER
Anthony C. Bruns, Cincinnati, Ohio, assignor to The Palmer Company, St. Bernard, Ohio, a corporation of Ohio
Application May 14, 1935, Serial No. 21,430
6 Claims. (Cl. 73—52)



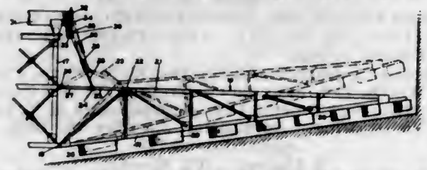
1. A thermometer, comprising, a support element bearing a scale, a mercury tube mounted in relation to said scale and including a bulb element projected angularly from the support, a casing element surrounding the bulb, means for insulating said casing element from the support, said casing element including a plastic splitting device thereon, and a conductive material within the housing closely surrounding the bulb whereby the heat of the plastic is readily conducted to the bulb and accurately recorded on the scale.

2,064,150
LOW-CARBON FERRO-TITANIUM-SILICON ALLOY
George F. Comstock, Niagara Falls, N. Y., assignor to The Titanium Alloy Manufacturing Company, New York, N. Y., a corporation of Maine
No Drawing. Application July 23, 1936, Serial No. 92,149
3 Claims. (Cl. 75—124)

1. A ferro-titanium-silicon alloy containing from 38 to 42% titanium, from 8 to 12% silicon, not to exceed 5% aluminum, from 0.01 to 0.12% carbon, and balance substantially iron.

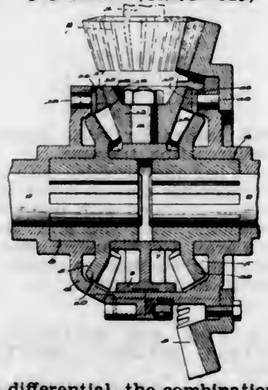
2,064,151
SEDIMENTATION APPARATUS
Harold B. Coulter, Larchmont, N. Y., assignor to The Dorr Company, Inc., New York, N. Y., a corporation of Delaware
Application June 29, 1935, Serial No. 29,129
6 Claims. (Cl. 210—55)

1. A sedimentation unit comprising in combination a tank for receiving liquid to be subjected to sedimentation having a supernatant liquid withdrawal means leading from the upper portion thereof and a sedimented solids discharge leading from the lower portion thereof; a stationary bearing member fixed in relation to the tank; a horizontally turnable arm carrying support mounted on said stationary bearing so as to turn about a vertically extending axis; means for imparting horizontal turning movement to said arm carrying support; a rake providing arm; transversely spaced hinges providing pivotal connections between the turnable arm carrying support on the one hand and the inner end portion of the rake providing arm on the other hand; a toggle linkage interposed between and respectively connected to the turnable arm carrying



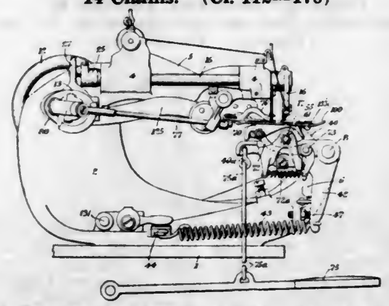
support and an upper section of the inner end portion of the rake providing arm; and toggle actuating means carried by the turnable arm carrying support and having operative connection to the toggle linkage; said rake providing arm comprising at least three longitudinals and transversely extending tie members and braces all connected into a skeleton type of structural arm construction in which the inner ends of the longitudinals are transversely spaced in respect to each other at the inner end portion thereof; the hinge connections above referred to being disposed in the immediate vicinity of the inner ends of two of the longitudinals and the toggle construction referred to being arranged so that when the links of the toggle construction are fully extended they are in substantial alignment with another of the longitudinals.

2,064,152
DIFFERENTIAL GEARING
Philip J. Conboy, Philadelphia, Pa.
Application October 17, 1935, Serial No. 45,473
8 Claims. (Cl. 74—315)



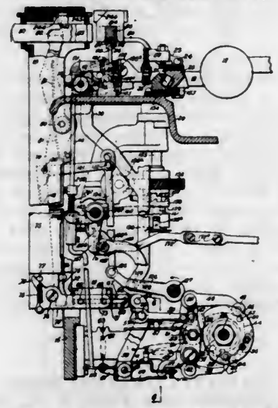
1. In a differential, the combination of a driving rotatable support, a spider mounted for movement relative to said rotatable support, bevel gear means for the differential including bevel pinions connected with the spider, and means including automatic clutching means forming a direct driving connection between the rotatable support and the pinions.

2,064,153
WORK SUPPORTING MEANS FOR SEWING MACHINES
Charles A. Dearborn, New York, N. Y., assignor to American Blind Stitch Machine Company, New York, N. Y., a corporation of New York
Application October 12, 1934, Serial No. 748,035
Renewed June 23, 1936
14 Claims. (Cl. 112—178)



1. In a sewing machine, the combination with a driving shaft, stitch forming mechanism, feeding mechanism, and a yielding work support, of a ridge forming member mounted upon said work support and movable thereon into and out of work supporting position, means for pressing the work out of the path of the needle while the ridge forming member is out of work supporting position, and operating means between said driving shaft and said ridge forming member for periodically moving the latter into and out of work supporting position, said stitch-forming mechanism being timed to form idle non-penetrating stitches while the work is held out of the path of the needle.

2,064,154
TYPEWRITING AND LIKE MACHINE
Elbert S. Dodge, Ilion, and Wilfred L. Philbin, Frankfort, N. Y., assignors to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware
Application August 11, 1934, Serial No. 739,384
51 Claims. (Cl. 197—176)



1. In an automatic power actuated tabulator mechanism for typewriting and like machines, the combination of a carriage, a tabulator stop, power controlled means for projecting said tabulator stop to effective position and for releasing the carriage, and controlling means automatically operative at a predetermined point in the travel

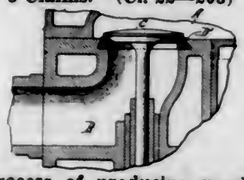
of the carriage for rendering said power controlled means effective to project said tabulator stop and for releasing the carriage.

2,064,155

VALVE AND SEAT FOR INTERNAL COMBUSTION ENGINES

Frank A. Fahrenwald, Chicago, Ill.

Application June 26, 1933, Serial No. 677,760
3 Claims. (Cl. 22—203)



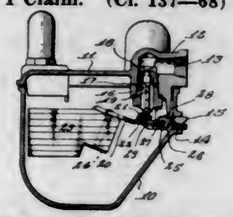
1. The process of producing machine bodies having ducts designed for valve control and high temperature uses, which consists in preforming a ring of an alloy consisting substantially of chromium from 6 to 15%, molybdenum from 1 to 8%, carbon 1.5 to 3.5% and the remainder iron; said alloy having a coefficient of expansion substantially corresponding to that of the metal which is to compose the machine body; casting the metal body about the ring and thereby heating the ring to a high temperature; and then permitting the metal body and the ring to cool together.

2,064,156

CARBURETOR FLOAT STABILIZER

David Firth, Flint, Mich., assignor to Marvel Carbureter Company, Flint, Mich., a corporation of Illinois

Application February 10, 1933, Serial No. 656,059
1 Claim. (Cl. 137—68)



A float valve mechanism comprising a liquid receptacle, a cover for the receptacle providing an inlet passage, valve means controlling the passage, ears depending from the cover, a float, a lever projecting from the float, a pin by means of which said float lever is fulcrumed on said ears, said lever engaging said valve means to actuate the same in accordance with the height of the liquid in the receptacle, and a torsion spring coiled about said pin having one end engaging said lever to urge the same toward valve closing position and having the other end anchored between said receptacle and said cover.

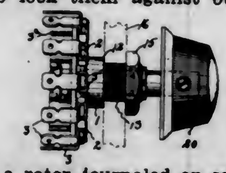
2,064,157

SWITCH CONSTRUCTION

Albert W. Franklin, New York, N. Y., assignor of one-half to Edwin R. Berger, West Long Branch, N. J., and Jacob Poster, Brightwaters, N. Y., jointly

Application March 4, 1935, Serial No. 9,231
11 Claims. (Cl. 200—11)

1. A switch as described comprising a support plate having radial lugs on the periphery, a plurality of contacts mounted on said lugs, one for each, an apertured locking plate engaging said contacts to lock them against outward radial



movement, a rotor journaled on said plate having contacts thereon for engagement with said terminals, and indexing means for limiting movement of the rotor in either direction.

2,064,158

TREATMENT OR CONDITIONING OF COTTONSEED MEATS AND PRESSING OIL FROM SAME

Thomas J. Harrell and Charles W. McMath, Fort Worth, Tex., assignors to Traders Oil Mill Company, Fort Worth, Tex., a corporation of Texas

No Drawing. Application January 18, 1936, Serial No. 59,788
6 Claims. (Cl. 87—6)

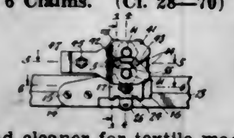
1. The process of treating cottonseed meats to produce a crude oil characterized by containing not over 0.50 per cent of acetone insoluble matter with a resulting low refining loss, and a pressed cake free from toxic effects when used as feeding material for animals or as a human food, comprising crushing the meats, heating the crushed meats to about 190° F., without increasing their moisture content, then adding to said heated meats sufficient water to raise the total moisture content of said meats from their original moisture content to approximately eleven per cent to twenty per cent, gradually raising the temperature to about 222 to 235° F. while reducing the moisture content by evaporation to approximately 5.5 per cent to 7.5 per cent.

2,064,159

THREAD CLEANER FOR TEXTILE MACHINES

Paul Hemmerich, Buffalo, N. Y., assignor to The Duffy Silk Company, Buffalo, N. Y., a corporation of New York

Application November 20, 1935, Serial No. 50,749
6 Claims. (Cl. 28—70)



2. A thread cleaner for textile machines comprising a reciprocating traverse bar, a bracket secured to said bar and provided with a horizontal arm, a supporting plate secured to one side of said arm and provided with lower and upper shoulders engaging with the lower and upper edges of said arm, and cleaner blades mounted on said plate and adapted to receive between them the thread to be cleaned.

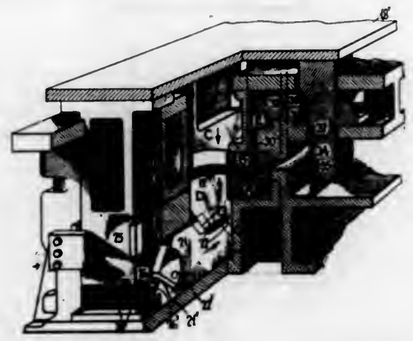
2,064,160

APPARATUS FOR DIE DRAWING LARGE IRREGULARLY SHAPED SHEET METAL ARTICLES

Edward Hochreiter and Frank E. McGary, Philadelphia, Pa., assignors to Edward G. Budd Manufacturing Co., Philadelphia, Pa., a corporation of Pennsylvania

Application December 19, 1931, Serial No. 582,032
7 Claims. (Cl. 113—46)

1. Apparatus for die stamping large irregularly shaped sheet metal articles comprising means for rigidly clamping the side and end edges of an elongated blank, means independent of said clamping means for substantially stretching the blank transversely of its length in the plane of



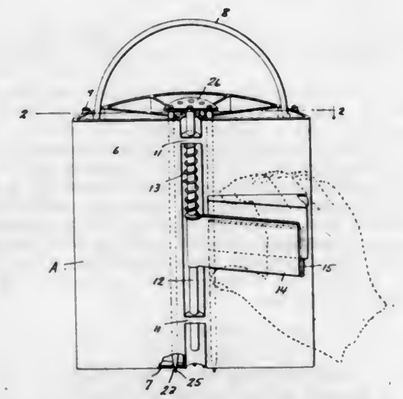
the blank when so clamped and means for die drawing the blank, when so stretched and rigidly held, movable generally transversely to the plane of the blank.

2,064,161

APPARATUS FOR DECORATING ARTICLES

Harold Horine, Hollister, Mo.

Application January 23, 1935, Serial No. 3,167
2 Claims. (Cl. 41—1)



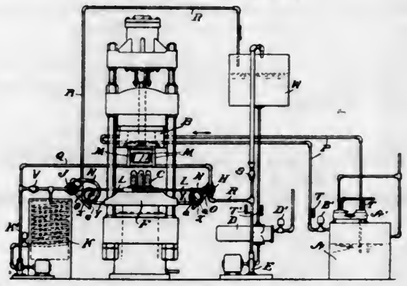
1. A dispensing device comprising a bin of segmental configuration including an open top, a bottom wall, an arcuate side wall and a chordwise wall; said chord-wise wall formed in the center with a concave portion; apertured guide bosses mounted in the channel of the concave portion; a retractile valve operating rod mounted in the channel and extending through the apertures; plural partition walls in the bin radiating from the concave portion to form multiple chambers; said bottom wall formed with a series of valve ports one for each chamber and arranged in a semi-circle, a plurality of valve rods connected to the valve operating rod, and means on the valve operating rod for projecting the same whereby the valve rods are simultaneously opened.

2,064,162

APPARATUS FOR CONTROLLING THE TEMPERATURE OF PLASTIC MATERIALS DURING MOLDING

Louis W. Hottel, Indianapolis, Ind., assignor to The Richardson Company, Lockland, Ohio, a corporation of Ohio

Application February 9, 1932, Serial No. 591,900
5 Claims. (Cl. 18—19)



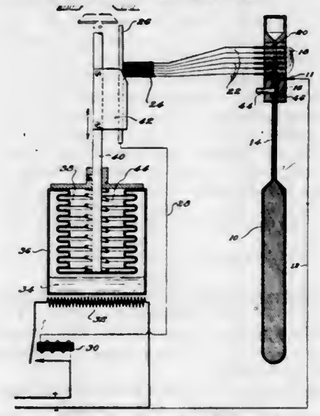
5. In combination in apparatus for controlling the temperature of moldable material during molding, a die box, a core movable into and out of the said die box, means for supplying hot fluid to the core, means for supplying cold fluid to the core, means controlled by the position of the core relative to the die box for alternately communicating the said hot fluid supply means and the said cold fluid supply means with the said core, means maintaining a circulation of fluid in heat exchange relation to the die box continuously during the entire period of each operation of the apparatus, and means controlling the temperature of the said circulated fluid to constantly maintain a uniform predetermined temperature in the die box during said alternate communication of the said hot and cold fluid supply means with the said core and during the entire period of each operation of the apparatus.

2,064,163

THERMOSTATICALLY CONTROLLED DEVICE

Emil A. Ileman, Medford, Mass., assignor to Wilbin Instrument Corporation, New York, N. Y., a corporation of New York

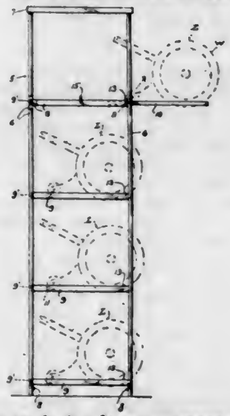
Application June 6, 1934, Serial No. 729,271
1 Claim. (Cl. 236—68)



Thermostatically controlled devices comprising a primary thermostat, a member for controlling

the supply of heat to the closure to be regulated designed to graduate the supply, a series of electrical circuits controlled by the primary thermostat upon the attainment of predetermined temperatures, independent means for actuating the graduated supply member controlled in its operation by the closing of one of the electrical circuits, and connections therewith for opening the closed circuits upon a predetermined movement of the heat supplying means, and for thereafter causing the heat supplying means to fluctuate within a region determined by the opening and closing of the circuit corresponding to the highest temperature so long as this temperature remains approximately the same.

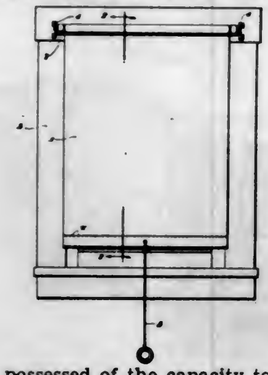
2,064,164
DISPLAY RACK FOR LAWN MOWERS
Max E. Ish, Salinas, Calif.
Application April 3, 1936, Serial No. 72,630
1 Claim. (Cl. 211—13)



A display rack for lawn mowers comprising a frame having corner standards, channeled side bars extending horizontally between said standards in vertical spaced relation to each other and constituting opposed tracks having inwardly extending upper and lower flanges and shelves supported by said side-bars, each shelf having an outer end bar formed with an upstanding flange along its outer edge and side arms extending rearwardly from ends of the outer bar and formed with upstanding flanges along their outer side edges and being slidably engaged in the tracks of opposed side bars of the frame, a cross bar extending between said side arms in spaced relation to rear ends thereof and formed with an upstanding flange along its rear edge, a bracing bar extending between the cross bar and the outer end bar midway the width of the shelf, and pins carried by the upper flanges of the side-bars of said frame and extending downwardly into the tracks in position for engaging end portions of the flanges of the cross bars of said shelves to limit sliding movement of the shelves out of the frame.

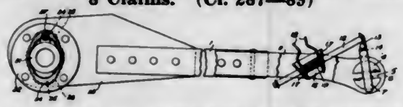
2,064,165
WINDOW SHADE AND PROCESS OF MAKING
Samuel J. Johnson, Cincinnati, Ohio, assignor to Clopay Corporation, Cincinnati, Ohio, a corporation of Maryland
Application November 30, 1934, Serial No. 755,311
5 Claims. (Cl. 91—68)

1. A continuous process of making window shade sheeting which process consists in impregnating paper with a softening agent interstitially, and then coating said paper with an aqueous emulsion of drying oils and pigments, then drying said coating whereby to provide an article



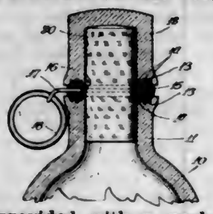
which is possessed of the capacity to be washed with soap and water, which is relatively durable, which is possessed of the strength requisite in window shades but which is not inclined to curl or crack.

2,064,166
PITMAN FOR MOWERS OR LIKE MACHINES
Howard Milton Johnston, Toronto, Ontario, Canada, assignor to Massey-Harris Company, Limited, Toronto, Ontario, Canada
Application May 23, 1935, Serial No. 22,980
8 Claims. (Cl. 287—89)



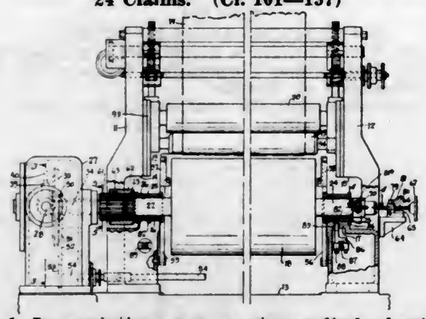
1. A pitman for mowers or the like comprising a rod, a pair of strip members secured to one end of said rod, a socket in the inner side of the free end of each strip, a cam surface on the outer side of the free end of each strip and a substantially U-shaped clamping member the leg portions of which engage the cams on said strip members, said clamping member being turnable on an axis passing through said leg portions at a point removed from the connecting portion of the U to close the strip members as the clamping member is turned.

2,064,167
NONREFILLABLE BOTTLE
Joseph Scott Junkin, Chicago, Ill.
Application December 7, 1935, Serial No. 53,288
1 Claim. (Cl. 215—83)



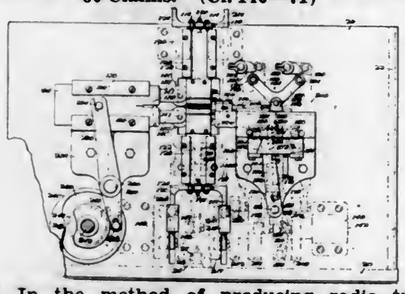
A bottle provided with a neck permanently sealed at its top, the upper portion of said neck being separated from the lower portion thereof, there being comparatively large and shallow recesses in the opposed edges of said neck and each of said recesses being provided with divergent notches; a soft band of locking substance interposed between said neck portions and pressed into and interlocking with said recesses and notches; and a cork in said neck traversing said band.

2,064,168
PRINTING PRESS
Christen R. Kaddeland, Shelton, Conn., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio, a corporation of Delaware
Application May 20, 1933, Serial No. 671,992
24 Claims. (Cl. 101—157)



1. In a printing press, a rotary cylinder having axially extended journal bearings at either end removably mounted in oppositely disposed press frames, said frames having complementary outwardly bulging portions in alinement with said journal bearings to provide a passage of greater width than the axial length of said cylinder and bearings, said cylinder and its extended journal bearings being as a unit transversely installable in, or removable from, the press through said passage at right angles to the axis of the cylinder at both sides of the press.

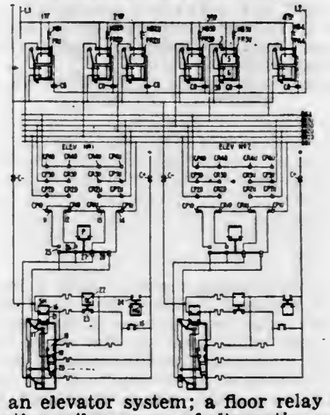
2,064,169
METHOD OF AND APPARATUS FOR PRODUCING RADIO TUBE GRIDS
Henry Kershaw, Newark, N. J., assignor to Sovereign Machinery Company, Newark, N. J., a corporation of New Jersey
Application January 3, 1936, Serial No. 57,444
60 Claims. (Cl. 140—71)



1. In the method of producing radio tube grids, the steps of supporting in spaced relation sets of spaced grid wires arranging and supporting side rods transversely of and between the sets of grid wires, forming sets of spaced grooves upon the opposite sides of each side rod and so arranging such grooves that they are in general alignment with the spaced grid wires, and moving the sets of grid wires toward the opposite sides of each side rod and causing the grid wires to enter the grooves, and attaching the grid wires while within the grooves to the side rods.

12. In a machine for producing radio tube grids, means for supporting spaced sets of spaced grid wires, means for supporting side rods between the spaced sets of grid wires, means for forming spaced grooves upon the side rods while supported between the sets of grid wires, means to move the sets of grid wires toward the side rods and into the grooves and to attach the grid wires to the side rods while within the grooves.

2,064,170
ELEVATOR SYSTEM
David Carl Larson, Yonkers, N. Y., assignor to Otis Elevator Company, New York, N. Y., a corporation of New Jersey
Application February 21, 1935, Serial No. 7,472
14 Claims. (Cl. 187—29)



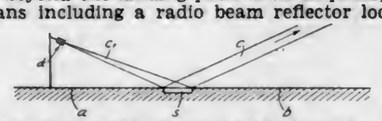
1. In an elevator system; a floor relay having an operating coil; a source of alternating current; a circuit connecting said operating coil to said source; condensive reactance in said circuit; a normally closed push button switch; and means connecting said push button switch in shunt to said operating coil.

5. In an elevator system in which the elevator car serves a plurality of floors; a plurality of floor relays, one for each of said floors; a plurality of controls, one for each of said relays, each control, upon operation, causing operation of the relay for which it is provided; means actuatable in accordance with car movement for restoring any operated floor relay at least by the time that the car arrives from a given direction at a certain distance from the floor for which such relay is provided; means for slowing down the car and bringing it to a stop at such floor; means for starting the car away from such floor; and means operable upon restoring said floor relay for such floor to maintain it in restored condition until said starting means is operated to cause the starting of the car away from such floor, even though said control for such floor relay is operated during such period.

2,064,171
DIRECTIONAL SYSTEM FOR LANDING OF AIRCRAFT
August Leib, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application December 2, 1933, Serial No. 700,756
In Germany December 2, 1932
6 Claims. (Cl. 250—11)

3. In a directional radio beam transmitting system, a source of radio energy, means including

a directional antenna system for emitting a concentrated beam of said energy, said antenna system being located adjacent a landing field and yet beyond the landing path of an airplane, and means including a radio beam reflector located



in the path of said concentrated beam for causing said energy to be directed slopingly upward from approximately the same point on said landing field as it is desired to have an airplane make ground contact.

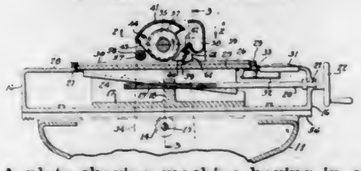
2,064,172

PLATE SHAVING MACHINE

William J. Lofstedt, Portland, Oreg., assignor to Premier Manufacturing & Sales Company, Portland, Oregon

Application September 1, 1934, Serial No. 742,378

8 Claims. (Cl. 90—18)



4. A plate shaving machine having in combination a horizontal slide, a bed plate vertically adjustable upon said slide, a driving means for moving said slide from one end of its travel to the other, manual means for reversing the movement of said slide, an elongated cutter mounted over said bed plate, yieldable fingers beneath which an electrotype plate must pass before engaging said cutter and a vibration absorbing roller yieldably mounted over said bed plate and adapted to ride upon the surface of said electrotype plate after it has been finished by said cutter.

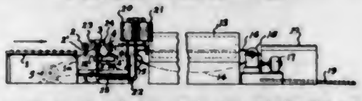
2,064,173

DEVICE FOR COATING METAL PIECES

George W. McGohan, Middletown, Ohio, assignor to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio

Application September 25, 1934, Serial No. 745,435

4 Claims. (Cl. 91—12.1)



1. In a device for coating metal pieces, the combination of a set of elements coacting to drivingly grip the metal piece and advance said piece, a set of elements coacting in receiving relation to the first mentioned elements to receive the advancing piece between them, said elements having surfaces contacting with the opposite sides of the metal piece for effective application of coating fluid to said sides, for the adherence of said fluid to said sides, means for supplying fluid to one of said sides between the two sets of elements, in the course of passage of the metal piece from one set of elements to the other, and means for supplying fluid to the other side of the metal piece, the said means for supplying coating fluid between the two sets of elements comprising a conductive element discharging between said two sets toward the metal piece passing therebetween, and means to cause forced flow of the fluid from said conductive element, said device comprising a container receiving fluid from the applying elements and the metal piece, in excess of that adhering to the metal piece, in which fluid there may be adulterant coming with the fluid from the metal piece, means to force the caught fluid from this container to the means for causing forced flow of the fluid, this last mentioned means including a provision for preventing passage of the adulterant with the fluid as it is again forced between the set of elements onto a metal piece.

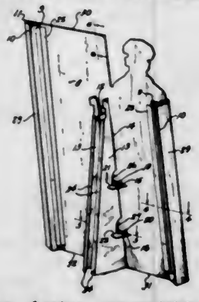
2,064,174

ADVERTISING DISPLAY DEVICE

Milton K. Naylor, Three Rivers, Mich., assignor to The Eddy Paper Corporation, Chicago, Ill., a corporation of Illinois

Application July 29, 1935, Serial No. 33,655

8 Claims. (Cl. 40—124.1)



1. A display device comprising a panel of bendable fibrous material, there being a plurality of spaced, parallel lines of scoring adjacent an edge of the panel to define a plurality of adjacent elongated sections, said sections being folded to form a tubular reinforcement for said edge, and means for securing said reinforcement in position.

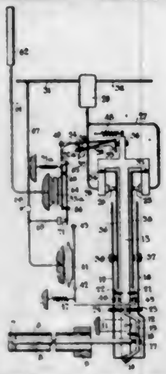
2,064,175

AUTOMATIC CONTROL DEVICE

Carl A. Otto, Milwaukee, Wis., assignor to Johnson Service Company, Milwaukee, Wis., a corporation of Wisconsin

Application November 16, 1935, Serial No. 50,194

14 Claims. (Cl. 236—1)



1. The combination of a responsive element; two relatively reversely arranged leak valve mechanisms each adapted to perform a controlling function; means biasing each leak valve mechanism toward an inactive position; and means shiftable to connect the responsive element selectively in controlling relation with said leak valve mechanisms whereby the response of said element may actuate the selected leak valve mechanism.

2,064,176

DETACHABLE BLADE KNIFE

Morgan Parker, Katonah, N. Y., assignor to Bard-Parker Company, Inc., Danbury, Conn., a corporation of New York

Application January 25, 1934, Serial No. 708,205

4 Claims. (Cl. 30—9)



1. A detachable blade knife comprising a handle having opposed blade-engaging flanges and a thin flexible blade having an unperforated shank of a width to fit between said flanges, one flange being relatively long and acting to hold one entire edge of the shank against flexing at all times, said long flange extending considerably in advance of the short flange to a point over the cutting portion of said blade, and the other flange being relatively short and leaving a portion of the other edge of the shank free to be torsionally flexed in disengaging the blade from the handle and a locking projection located on the opposite side of the handle from said long flange and substantially in line with said short flange.
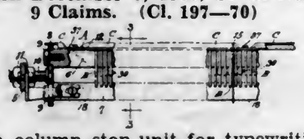
2,064,177

TYPEWRITING MACHINE

Remo Walter Petrini, Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y., a corporation of New York

Application December 6, 1935, Serial No. 53,236

9 Claims. (Cl. 197—70)



1. In a column stop unit for typewriting and like machines, the combination of a frame including a pair of rack bars arranged in a fixed and parallel relation and having their inner faces provided with opposed pairs of transverse grooves arranged at spaced intervals, and a plurality of column stops individually mounted for removal in the respective opposed pairs of grooves of the rack bars, said stops being transversely swingable from an inactive to an active position and vice versa.

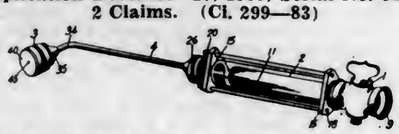
2,064,178

SPRAYER

Thomas W. Pickard, Columbus, Ohio

Application December 17, 1935, Serial No. 54,863

2 Claims. (Cl. 299—83)



2. A device of the type described comprising a housing having a substantially cylindrical chamber formed therein through which liquid is adapted to pass, a member located at the inlet end of said chamber, said member having a plurality of tangentially directed inlet ports formed therein which are located near the center of said cylindrical chamber and through which the liquid must pass as it enters said chamber so that it will be caused to swirl in said chamber.

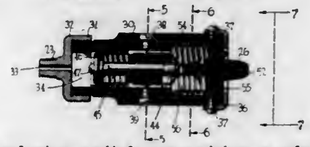
2,064,179

SELECTOR CONTROL SWITCH

Earl J. W. Ragsdale, Norristown, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania

Application August 20, 1934, Serial No. 740,594

5 Claims. (Cl. 200—82)



1. A selector switch comprising a plurality of contacts providing an open circuit arrangement, a contact arranged to bridge said first named contacts, fluid pressure means arranged to effect the bridging engagement of said contact, selector control means arranged to render said pressure operated contact means ineffective and contact means controlled by said selector means operable, while said selector means is operative to maintain the pressure operated contact means ineffective, to effect closing and opening of a conducting circuit path between said first named contact independently of said pressure operated contact.

2,064,180

MOUNTING FOR SEPARABLE FASTENERS

Louis Rocke, Brooklyn, N. Y., assignor to Alphonsus J. Donahue, Stamford, Conn.

Application December 23, 1935, Serial No. 55,718

3 Claims. (Cl. 24—205)



1. The combination with opposed series of separable fastener elements and a slide for joining and separating said series; of a strip for each series of elements including supporting and covering flaps therefor with the inner edges of said flaps meeting to form a crotch therebetween, and an elastic coating binding said flaps together at said crotch and extending at least partially over the inner opposed surfaces of the flaps, said coating being expansible at said crotch when the flaps are moved apart.

2,064,181

ELECTRIC CONTROL APPARATUS FOR FUEL BURNERS

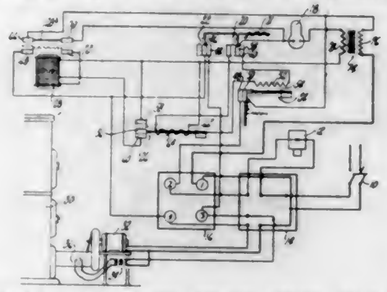
Abraham Lincoln Rubel, Des Moines, Iowa, assignor to Penn Electric Switch Co., Des Moines, Iowa, a corporation of Iowa

Application August 15, 1932, Serial No. 628,883

5 Claims. (Cl. 158—28)

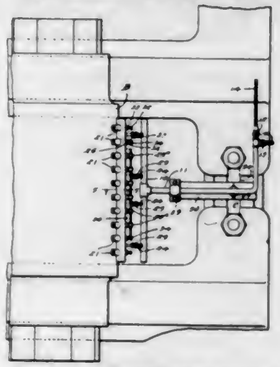
1. In combination with an electrically operated fuel burner, a control system comprising a relay operable when energized to close the burner circuit to initiate operation, a room thermostat controlling energization of said relay, a thermal time limit cutout switch including a resistance

heater controlling said system, a switch having a warp element, a heater, first contacts which are closed when said element is cold and second contacts which are closed when said element is heated, combustion responsive switching means having contacts closed in the absence of combustion and other contacts closed in the presence of combustion, a circuit including the room thermostat, the contacts of the combustion responsive switching means closed in the absence of



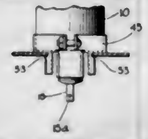
combustion, the cutout switch heater, said first contacts and said relay, a second circuit including the heater for said warp element and the contacts of the combustion responsive switching means closed in the presence of combustion and a third circuit including the heater of said cutout switch and said second contacts, said warp element moving slowly when cooling whereby upon combustion failure, said cutout switch is quickly actuated to shut down the system.

2,064,182
ROLL TEMPERATURE REGULATOR FOR SHEET MILLS
Earl F. Spence and Louis T. Lindquist, Fairfield, Ala.
Application June 4, 1935, Serial No. 24,968
12 Claims. (Cl. 80—41)



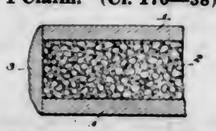
10. A roll temperature regulator for sheet mills, including a manifold having a plurality of radial nozzles, a plurality of air nozzles extending through the rear wall of the manifold and having gas-tight engagement with said rear wall, the air nozzles being tapered toward their discharge ends and being less in diameter than the discharge nozzles, the air nozzles terminating at their outlet ends short of the outlet ends of the discharge nozzles, means for controlling the air entering said air nozzles, and means for connecting the manifold either with a source of cooling fluid or a source of gas.

2,064,183
ELECTROLYTIC DEVICE
Robert C. Sprague and John F. McCann, Williamstown, Mass., assignors to Sprague Specialties Company, North Adams, Mass., a corporation of Massachusetts
Original application April 22, 1932, Serial No. 606,943, now Patent No. 1,997,185. Divided and this application May 8, 1934, Serial No. 724,594. In Canada September 19, 1932
1 Claim. (Cl. 175—315)



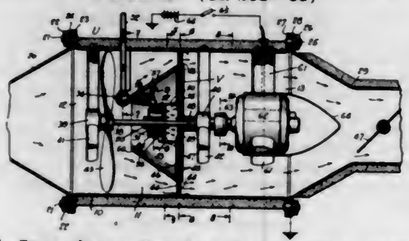
In combination, an electrolytic condenser and a panel to which said condenser is to be secured, clamping means for the attachment of the condenser to said panel, said clamping means comprising a resilient annulus to supportingly surround one end of the condenser, and integral tongs for said clamping means adapted to project through said opening and to forcibly engage said panel, said condenser being removably secured in said ring.

2,064,184
LEAD-IN CONDUCTOR
Elbridge W. Stevens, Baltimore, Md.
Application January 14, 1935, Serial No. 1,811
1 Claim. (Cl. 176—38)



A lead-in conductor comprising an exterior tube of deoxidized copper and a filler comprising a mixture of manganese oxide, graphite and plaster of Paris.

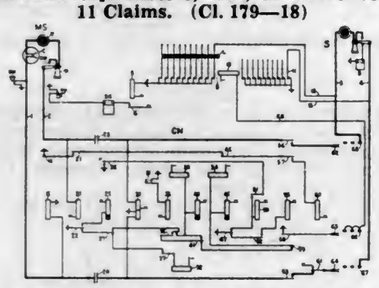
2,064,185
CHARGE FORMING DEVICE
Richard Thompson, Los Angeles, Calif.
Application May 22, 1935, Serial No. 22,911
8 Claims. (Cl. 261—83)



1. In a charge forming device, means defining a mixing chamber adapted for connection to a source of engine suction; a plurality of screens arranged side by side in close proximity and rotatably mounted in the chamber co-axially with respect to the chamber; means for enclosing the screens while providing a central inlet to the screens and exposing an annular area at the periphery thereof for the flow of air therethrough; means for delivering a liquid hydrocarbon to the central inlet so that under the action of centrifugal force the hydrocarbon will spread out over the screens in a thin film and

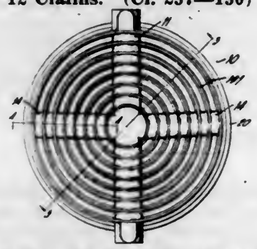
will be picked up by and mixed with air flowing through said exposed area of the screens to produce a combustible mixture; and means for rotating the screens.

2,064,186
INTERCOMMUNICATING SYSTEM
John H. Voss, Downers Grove, Ill., assignor to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application September 6, 1934, Serial No. 742,902
11 Claims. (Cl. 179—18)



1. In a telephone system, a master station and a plurality of outlying stations, a signal for each of said outlying stations at said master station operated when a station calls the master station, an automatic switch connected to said master station, means controlled at said master station in response to a call for operating said automatic switch to connect said master station with the calling outlying station, and means automatically responsive to the establishment of said connection for disconnecting the signal of the calling outlying station.

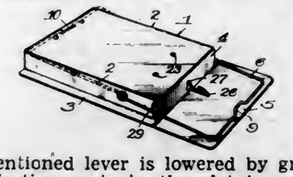
2,064,187
HEAT RADIATOR
Forrest S. White, Hoosick Falls, and Claude G. Bordeaux, Albany, N. Y.
Application May 8, 1934, Serial No. 724,500
12 Claims. (Cl. 257—150)



1. In a radiator, a heating pipe, hollow metallic cross members closed at their ends communicating with said pipe, and a plurality of spaced radiating fins integral with said pipe and with said cross members.

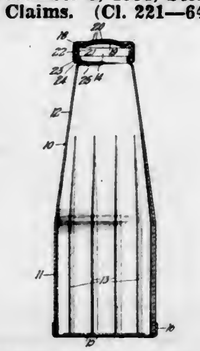
2,064,188
TRAP
Paul Wodarczyk, Chicago, Ill.
Application May 22, 1933, Serial No. 672,212
5 Claims. (Cl. 43—81)

1. A trap comprising a body member forming an enclosure for the mechanism and a shelf, the top of said body member and a side thereof being provided with a slot, a spring bail having a loop adapted to be received in the slot in the top of said member, and overbalanced levers pivotally mounted within said member, one of said levers being pivoted adjacent an end thereof and provided with a hook adapted to engage the loop on said bail and retain the bail in position, said lever having a movable fulcrum for receiving the bail, a projection on said first mentioned lever, the other of said levers being provided with a slot having an offset shoulder and a bait hook extending through the slot in the side of the body member and above said shelf, said levers being so mounted that when the trap is set and the loop is forced over the hook on the first mentioned lever, the forward part of said



first mentioned lever is lowered by gravity and its projection seats in the slot in said second mentioned lever and against said shoulder whereby the hook retains the bail in latched position, and when the bait hook is depressed, said shoulder is lowered and the projection is released permitting the bail to trip the hook and spring the trap, said bail thereupon forcefully contacting said shelf.

2,064,189
NONREFILLABLE BOTTLE
Andrew Bodor, Newark, N. J., assignor to Lydia B. Koch, New York, N. Y.
Application December 8, 1934, Serial No. 756,628
2 Claims. (Cl. 221—64)

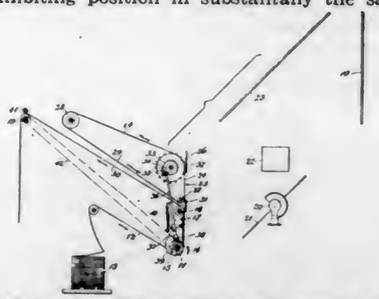


1. A non-refillable bottle of the character described comprising a one-piece paper construction having a lower portion converging into a frusto-conical shape at the upper portion, and said frusto-conical shape terminating in a substantially straight neck and providing an annular groove adjacent the top thereof, a double closure cap fitting thereon and having openings normally out of registration, one of said caps having a flange with an annular member fitting within said annular groove and free to rotate therein, the other said cap having a downwardly projecting flange fitting the outside of said straight neck and held stationary thereby, the outside cap being rotatable whereby the openings will register.

2,064,190
NEWS AND ADVERTISING EXHIBITING
Carl W. Brenn, Montclair, N. J.
Application April 15, 1935, Serial No. 16,424
12 Claims. (Cl. 40—100)

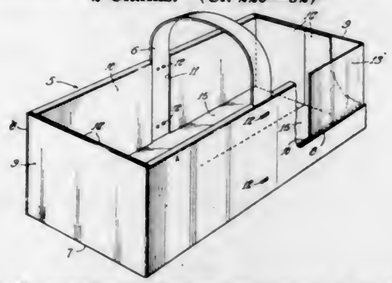
1. In an exhibiting writing machine, the combination of a display device having a series of displays; means for causing the latter to be exhibited seriatim; a writing strip on which news items or the like are written to be exhibited; type for writing on said writing strips;

separate means for supporting the display device and the writing strip in position to be exhibited, one above the other, with the display in exhibiting position in substantially the same



vertical plane as the portion of the writing strip in exhibiting position; and means for advancing the writing strips line by line over its said support as writing is typed on the writing strip.

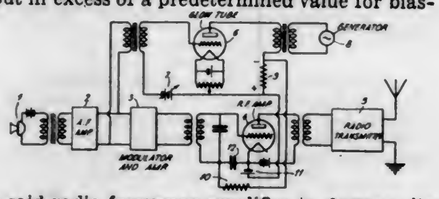
2,064,191
CONTAINER
Paul J. Brooks, Lakewood, Ohio, assignor to The Hankins Container Company, Cleveland, Ohio, a corporation of Ohio
Application February 15, 1936, Serial No. 63,999
2 Claims. (Cl. 229—52)



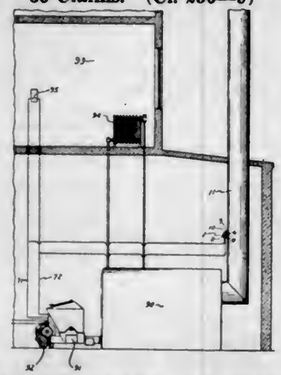
1. A paperboard basket comprising a bottom, end walls and side walls, said side walls being of multiple thickness, the inner faces of the side walls having centrally thereof a vertically extending recess to receive the ends of a basket handle, said recess being unobstructed along the inner face of the side wall whereby the ends of a basket handle may be introduced laterally into the recess.

2,064,192
PROTECTIVE CIRCUIT
Charles H. Brown, Brooklyn, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application November 29, 1933, Serial No. 700,249
5 Claims. (Cl. 179—171)

1. In a transmitter provided with excessive signal voltage control, a source of message waves, an audio frequency amplifier for amplifying said message waves, a modulator and a radio frequency amplifier associated with the output of said audio frequency amplifier, a grid controlled glow discharge device, an input circuit for said glow device including means for varying the bias on the grid thereof, said input circuit being connected to the output of said audio frequency amplifier, and an output circuit for said glow discharge device connected to the input of said radio frequency amplifier for controlling the bias of said radio frequency amplifier, said glow discharge device being responsive to voltages in its input in excess of a predetermined value for biasing said radio frequency amplifier to decrease its gain.

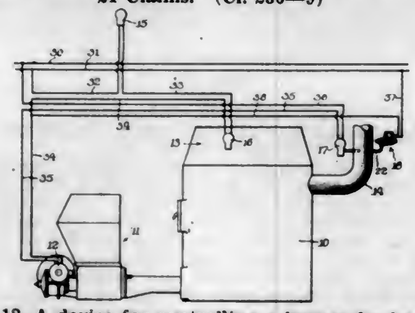


2,064,193
APPARATUS FOR CONTROLLING STOKERS
John R. Brownell and Clarence B. Little, Dayton, Ohio, assignors, by mesne assignments, to Minneapolis-Honeywell Regulator Company, a corporation of Delaware
Application March 13, 1931, Serial No. 522,447
35 Claims. (Cl. 236—9)



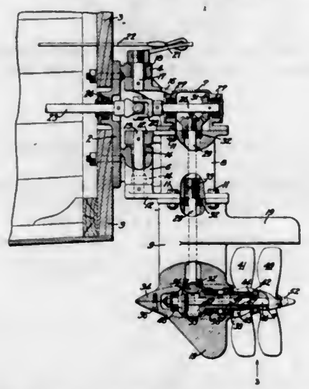
15. In a heating system, the combination of means for supplying fuel for heating purposes, a control device for said means operable to prevent permanent cessation of operation of the system under substantially low heat requirement conditions, and a second control device arranged to discontinue the operation of said first mentioned control device when the fire is substantially extinguished.

2,064,194
HEATING SYSTEM CONTROL
Warren Dean Burton, Goshen, Ind., assignor, by mesne assignments, to Minneapolis-Honeywell Regulator Company, a corporation of Delaware
Application November 13, 1930, Serial No. 495,407
21 Claims. (Cl. 236—9)



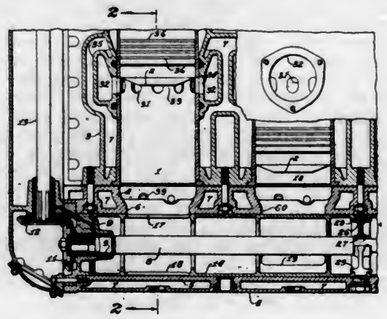
12. A device for controlling a burner for heating a space with means to automatically stop the burner when the fire is too low to rekindle, in combination with a thermostat in the space heated, in combination with a thermostatic regulator to operate the burner according to temperatures at the heat sensitive part of the regulator.

2,064,195
PROPULSION UNIT
Peter De Michelis, San Francisco, Calif.
Application June 10, 1933, Serial No. 675,234
6 Claims. (Cl. 170—165)



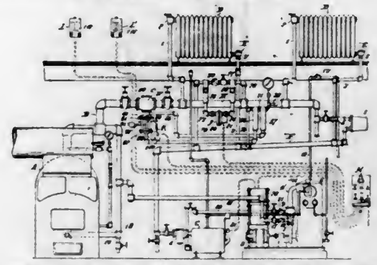
1. A propulsion unit comprising a plurality of axially aligned right and left-hand screw propellers, the back sides of the blades on a trailing propeller being concave and pitched so that fluid projected from a leading propeller and impinging thereon aids said trailing propeller in its rotation, and means for rotating the propellers in opposite direction.

2,064,196
INTERNAL COMBUSTION ENGINE
Desire J. Deschamps, St. Louis, Mo., assignor of one-half to P. De C. Ball, St. Louis, Mo.
Application October 13, 1930, Serial No. 488,222
3 Claims. (Cl. 123—59)



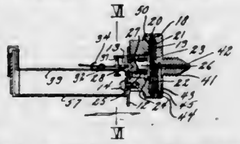
1. A valve mechanism for a two-stroke internal combustion engine, comprising, a cylindrical housing having ports communicating with the cylinders of the engine, a plurality of valve elements disposed coaxially within said housing, a cantilever shaft supported at one end of said housing for rotating said elements in unison, and means for centering the free end of said shaft within said housing.

2,064,197
METHOD OF HEATING
Clayton A. Dunham, Glencoe, Ill., and David N. Crosthwait, Jr., Marshalltown, Iowa, assignors to C. A. Dunham Company, Marshalltown, Iowa, a corporation of Iowa
Application January 8, 1932, Serial No. 587,342
2 Claims. (Cl. 237—12)



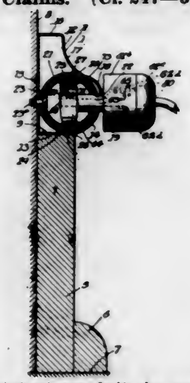
1. The method of heating by steam which consists in introducing steam into a condensing space having separate supply and discharge ducts, effecting the withdrawal from said space of non-condensable gases and condensate while retaining the steam therein, maintaining a pressure in the discharge duct lower than the pressure in the supply duct by a substantially constant difference sufficient to keep up circulation, automatically increasing the rate of steam supply through the supply duct to the condensing space when this differential falls below a predetermined standard and decreasing the rate of steam supply when the differential rises above this standard, and automatically limiting the maximum rate of steam flow into the space in accordance with both temperature and humidity changes in a space that is heated by heat given off from the condensing space, this maximum rate being increased when the temperature in the space to be heated falls or when the humidity decreases, and decreased when the temperature rises or the humidity increases.

2,064,198
PRESSURE GAUGE
John D. Durant, Adrian, Mich., assignor to Schwarze Electric Company, Adrian, Mich., a corporation of Michigan
Application May 24, 1935, Serial No. 23,214
5 Claims. (Cl. 73—110)



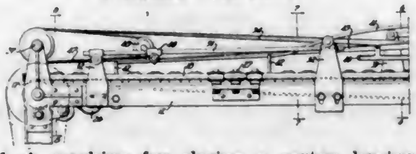
1. A housing providing a fluid pressure inlet port, a corrugated diaphragm wall in said housing to form a partition opposed to said port, a plunger directed by said housing to seat against the diaphragm opposite the port, a calibration spring directly acting between the plunger and the housing to direct the diaphragm toward the port, there being a seat in the plunger, a stem having one end extending in said seat, a lever to which the other end of the stem is pivoted, a pointer connected to be thrown by the lever, said lever having an arm with a series of openings therein, a re-setting spring for adjustable connection with one of said openings in said arm, and cooperative disclosing scale means for the pointer.

2,064,199
ELECTRICAL CONDUIT
Paul Elder, Chicago, Ill., assignor to Roy D. Lamond, Chicago, Ill.
Application May 21, 1932, Serial No. 612,675
6 Claims. (Cl. 247—3)



5. In an electrical conduit, in combination, an outer casing having a continuous longitudinal opening of uniform section a tube of dielectric material in said casing comprising inner and outer nested portions, said tube having a continuous slot registering with the longitudinal opening in said outer casing, and exposed conductors mounted in diametrically opposed spaced relation on the inner of said nested portions and arranged on opposite sides of said opening and slot.

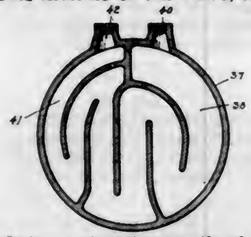
2,064,200
MACHINE FOR CLOSING CARTONS
George F. Ford, Beverly Hills, and Walter F. Pittman, Huntington Park, Calif., assignors to Fibreboard Products, Inc., San Francisco, Calif., a corporation of Delaware
Application November 30, 1935, Serial No. 52,372
7 Claims. (Cl. 93—6)



1. A machine for closing a carton having a side wall and a lid hingeably connected to the side wall, and a tuck hingeably connected to the lid, comprising means for advancing the carton through the machine, a guide rail under the lid and having an edge adjacent the hinge connection between said tuck and lid to facilitate folding of the tuck, a rod against which the tuck is slidable for directing the latter into engagement with the carton, and a belt for pressing the lid into closed position while the carton is advancing through the machine.

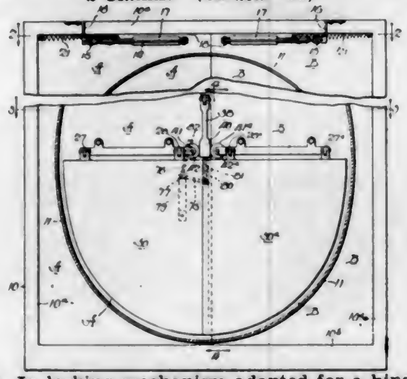
2,064,201
HOT BLAST VALVE
Gordon Fox, Chicago, Ill., assignor to Freyn Engineering Company, Chicago, Ill., a corporation of Maine
Application September 14, 1934, Serial No. 743,943
8 Claims. (Cl. 251—159)

1. In a gate valve, in combination, a valve casing, a hollow disc valve for location between spaced seat members, means for supplying said valve with a cooling fluid and a plurality of reinforcing ribs interior of the valve, said reinforc-



ing ribs defining a circuitous path of progressively diminishing cross section from the inlet to the outlet.

2,064,202
CLOSURE FASTENER FOR EMERGENCY DOORS
Richard Nason Friend, Sioux City, Iowa
Application March 22, 1933, Serial No. 662,050
2 Claims. (Cl. 292—93)

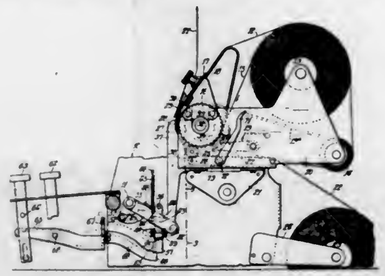


1. In locking mechanism adapted for a hinged door particularly of the type where the locking mechanism is arranged to be operated in response to contact by a person seeking exit, said locking mechanism comprising an abutment member carried by the door in a plane inward of the plane of the door when the door is closed, a second abutment member carried by the door movable into engagement with the first-mentioned abutment member and simultaneously engageable with a third abutment member, said movable member when so engaged preventing approach of the first-mentioned and said third abutment members whereby the door is locked until the movable abutment member is moved out of said engagement, and means for moving the movable abutment member out of said engagement for permitting opening of the door, said means including a relatively large area contact plate hinged on the inside of the door to swing toward the door, said abutment members being within a compass transversely of the door substantially narrower than the door.

2,064,203
RECORDING MACHINE
Max Garbell, Chicago, Ill., assignor to Victor Adding Machine Company, Chicago, Ill., a corporation of Delaware
Application March 4, 1935, Serial No. 9,145
5 Claims. (Cl. 197—128)

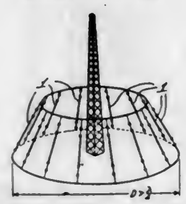
1. In a device of the class described, the combination with a paper web, of a pawl and ratchet

mechanism for driving the web, a main axle, a link pivoted at one end to the main axle and pivoted to the pawl at the other end, a spring connected with the pawl and tending to move the pawl and rotate the link, a rockable member normally limiting movement of the link to limit movement of the pawl, a control key, a member actuated by movement of the control key to move the rockable member from the path



of the link to permit the spring to move the pawl beyond the rockable member, an engageable member keyed to rotate with the main axle, said engageable member being also in the path of the link and in one rotatable position of the axle limiting movement of the link when the link is past the rockable member, said engageable member thereafter restoring the link and pawl to initial position after reverse rotation of the axle.

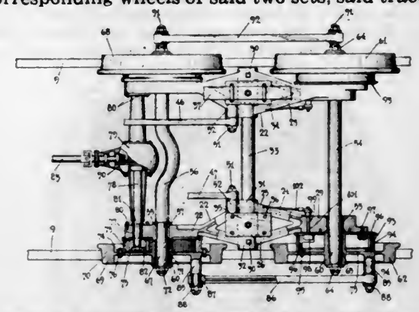
2,064,204
BROADCAST ANTENNA
Albrecht Gothe and Hans Otto Roosenstein, Berlin, Germany, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application February 14, 1934, Serial No. 711,085
In Germany January 26, 1933
5 Claims. (Cl. 250—33)



1. A broadcast antenna for producing substantially uniform and maximum radiation in a horizontal plane comprising a plurality of separate radiating elements inclined with respect to the vertical and lying in a surface of revolution, there being at least six radiating elements, the maximum diameter of said surface of revolution being greater than one-quarter of the length of the communication wave.

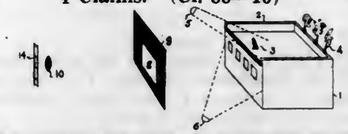
2,064,205
TRACTOR
Arthur J. Hersey and Charles L. Madden, Minneapolis, Minn.
Application April 25, 1936, Serial No. 76,413
6 Claims. (Cl. 105—62)

6. A tractor having a rear driving truck comprising a frame, a set of wheels independently journaled on the frame, a live axle journaled in the frame, a second set of wheels fixed to the live axle, power transmitting means connecting the corresponding wheels of said two sets, said tractor



having a propeller shaft geared to each of said independently journaled wheels.

2,064,206
COMPOSITE MOTION PICTURE
Fred W. Jackman, Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y., a corporation of Delaware
Application January 23, 1934, Serial No. 707,940
4 Claims. (Cl. 88—16)

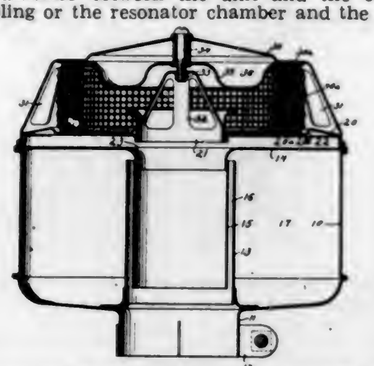


4. The method of making a composite picture of a scene having simple and intricate components which comprises light impressing a portion of a light sensitive surface with an image of said simple component while matting out the portion where the image of said intricate component is to appear, protecting the portion of simple component while photographing theresaid surface thus exposed by a matte of said adjacent a representation of said intricate component, and protecting the portions of said surface which have been exposed in accordance with said simple component and the representation of said intricate component by a combination opaque and non-reflective matte of said simple component and of the outline of the representation of said intricate component while printing a background there-adjacent.

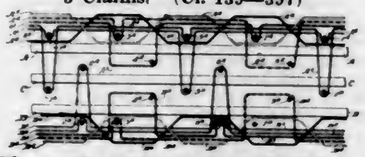
2,064,207
AIR CLEANER COMBINATION UNIT
Clarence E. Jacobs, Detroit, Mich., assignor to Industrial Wire Cloth Products Company, Wayne, Mich., a corporation of Michigan
Application May 14, 1934, Serial No. 725,461
1 Claim. (Cl. 183—44)

In combination with a plurally chambered casing, at least one chamber of which constitutes a resonator for silencing the air intake of an engine or the like, an air filter unit arranged in another chamber, an air inlet into said filter chamber, an air delivery duct extending through said resonator portion of the casing from the chamber containing said filter unit, said duct having a telescoping double walled portion within the resonator chamber, the walls of said portion being spaced to provide a passage connecting the duct with the resonator chamber, an outlet coupling attached to said casing at the side thereof remote from the filter chamber and communicating with said duct, the

distance through said communicating duct and double walled portions from the filter unit to the resonator chamber being greater than either the distance between the unit and the outlet coupling or the resonator chamber and the outlet coupling, said unit being compressible at its ends and interposed in its chamber between the inlet and duct, said chamber being provided with surfaces for compressing said ends, whereby to seal said unit in position and prevent by-passing of air.



2,064,208
METHOD OF MAKING PILE FABRIC
Frank M. Kaufman, Merion, Pa., assignor to Collins & Aikman Corporation, Philadelphia, Pa., a corporation of Delaware
Application April 28, 1933, Serial No. 668,300
3 Claims. (Cl. 139—397)



1. The method of weaving pile fabric on a double shuttle loom in which the shuttles are thrown simultaneously, face to face, which comprises weaving an upper and a lower ground fabric over and under respectively, three vertically spaced sets of pile loop gauges extending warp-wise and having free ends between the grounds, the upper and lower sets of pile loop gauges being shedded and intermediate pile loop gauges being stationary; forming simultaneously, separate short pile face loops over weft picks laid against the shedded pile loop gauges and forming sequentially long pile face loops over weft picks laid against the intermediate stationary gauges, the long pile loops being formed in staggered and warpwise overlapping relationship with the intermediate gauges and supported by picks on the opposite side of said gauges from the ground fabric in which said loops are bound; and so forming automatically separating pile structures composed of face loops of different heights as the fabrics weave off the free ends of the gauges.

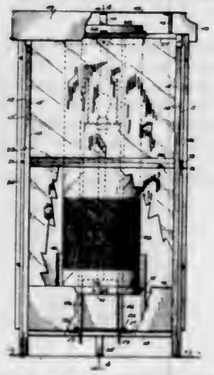
2,064,209
TAGGING DEVICE
John J. Lee, Wilmington, Calif.
Application January 7, 1936, Serial No. 57,947
1 Claim. (Cl. 40—21)

A device of the kind described including a placard portion made of a cardboard-like material, and a clip of sheet material fastened thereto, said placard portion having a narrowed suspending extension to receive said clip, said clip having a dish shaped body portion provided with a plurality of prongs near its center, said prongs extending through the placard and being bent over away from the center thereof to positions wherein they extend substantially parallel to the plane occupied by the periphery of the



clip, thus holding said clip to said placard portion in a sufficiently free manner to provide an annular tapered groove between said placard portion and clip, and a string having an end portion wedged into said groove in a friction tight manner, said string being adapted to encircle a package or other article and have the other end portion secured in said groove to attach said placard portion to the article.

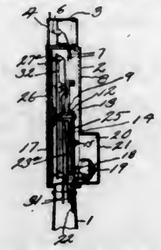
2,064,210
APPARATUS FOR PRODUCING ILLUMINATED MOTION EFFECTS
Aubrey B. Leech, Chicago, Ill.
Application May 16, 1935, Serial No. 21,841
11 Claims. (Cl. 40—40)



1. Apparatus for producing illuminated motion effects comprising, in combination, a picture panel, and a housing containing a source of light, a revoluble cylindrical screen having opaque and translucent portions surrounding said source of light, and an intermediate screen having opaque and translucent portions forming a wall of said housing and located between said cylindrical screen and said panel, said panel and housing formed as independent spaced units and capable of relative shift of position toward and from each other.

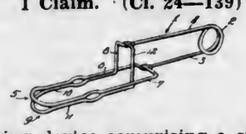
4. Apparatus for producing illuminated motion effects on a picture panel, comprising a plurality of separable superposed sections, each section comprising a housing including a source of light, a revoluble cylindrical screen having translucent and opaque portions surrounding said source of light, and a fixed screen having translucent and opaque portions, means for connecting adjacent cylindrical screens endwise to each other, and means for pivotally suspending the topmost of the connected screens.

2,064,211
TRAFFIC SIGNAL
William W. McClure, Tulsa, Okla.
Application November 13, 1934, Serial No. 752,884
3 Claims. (Cl. 116—63)



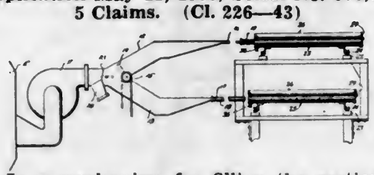
3. A traffic signal comprising a casing, a transparent front wall carried by said casing, concentrically arranged contrasting colored signalling stripes on said transparent front wall, a rotatable plate behind the transparent wall and having an aperture therein out of registration with the concentrically arranged signalling stripes, a concentric illuminating member to the rear of the rotatable plate and positioned whereby light rays will pass through the aperture in the rotatable plate, means for rotating the rotatable plate, said aperture in the rotatable plate being shorter than the signalling stripes.

2,064,212
STEEL WIRE CLOTHESPIN
William A. McFarlane, Honaker, Va.
Application July 25, 1935, Serial No. 33,084
1 Claim. (Cl. 24—139)



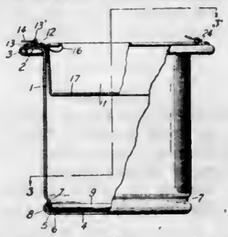
A clamping device comprising a strip of resilient metal bent to form a coil and a pair of arms spaced apart substantially parallel to each other on opposite sides of said coil, one of said arms being bent to form a substantially rectangular clamping frame substantially coplanar with said arm, the other arm being bent to form a second clamping frame adapted to move into and out of clamping contact with the side of the first frame remote from said other arm and to form a pair of parallel sides constituting guides in sliding contact with the inner edges of the opposite sides of the first named frame.

2,064,213
UPHOLSTERY PAD STUFFING MACHINERY
Thomas L. McJoynt, Janesville, Wis.
Application May 11, 1933, Serial No. 670,436
5 Claims. (Cl. 226—43)



1. In a mechanism for filling the sections of pads with a filling material from a column of such material in suspension, a combined guiding and supporting member having a plurality of openings and form giving collars extending from and registering with said openings for the selective, detachable and temporary reception of a medium for the supply of filling material and constituting guides for the filling medium, means to clamp portions of the sections to be filled about the said form giving collars preparatory to the detachable and temporary introduction and movement of said outlet element into and through said form giving collars and embodying yieldable pressure mediums engaging the sections of the pads, a pad mold having hingedly connected sections located at opposite sides of said pad, one of said sections of the mold being provided with a reticulated central portion for the passage of the suspension vehicle for the filling material, and a locking member holding the sections of the mold together and thus securing said yieldable pressure mediums in firm engagement with said sections of the pads.

2,064,214
APPARATUS FOR MAKING COFFEE
Edward J. Merkle, Columbus, Ohio
Application October 5, 1934, Serial No. 747,040
1 Claim. (Cl. 53—3)

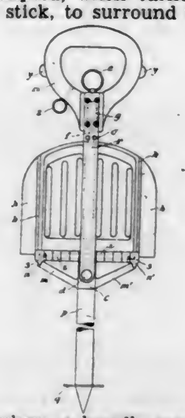


In combination, a coffee urn having an inner receptacle which receives the coffee beverage, a container for the ground coffee, said container being of substantially cylindrical form and having an outwardly extending peripheral flange on the upper end thereof, said container having a perforated bottom, a water spreading member disposed within the upper end of said container, said spreading member being of pan-like structure and having an outwardly extending peripheral flange on the upper end thereof which rests on the peripheral flange at the upper end of the container and supports the spreading member in position within the container, said spreading member having a perforated bottom, a pair of handle members disposed at diametrically opposed points on the peripheral flange of the container, said handle members including inwardly extending lugs spaced above the peripheral flange of the container and adapted to receive therebeneath the peripheral flange on the spreading member in order to maintain the spreading member in position, the peripheral flange of the spreading member being cut away at diametrically opposed points to permit passage of said flange beneath said lugs.

2,064,215
SHOOTING SEAT
Rudolf Noé, Hanover, Germany
Application December 4, 1935, Serial No. 52,833
In Germany October 27, 1934
7 Claims. (Cl. 155—135)

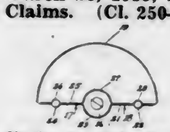
1. A shooting seat of the character described comprising a stick, a cross head on said stick, a pair of seat flaps hinged to said cross head and capable of being turned from an operative position at substantially right angles to the stick into a position of alignment therewith, a frame

pivoted to the cross head and movable in a plane at right angles to the hinge of the flaps, said frame being adapted, when turned into alignment with the stick, to surround the seat flaps



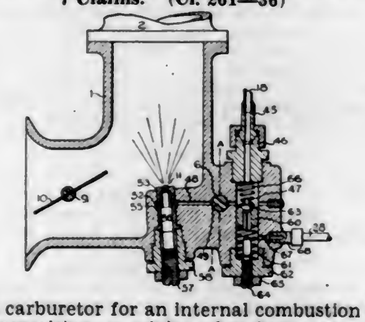
between its members, a handle connected to the free end of the frame, and means for securing the frame in position of alignment with the stick.

2,064,216
SPACE DISCHARGE DEVICE
George Dean O'Neill, Beverly, Mass., assignor to Hygrade Sylvania Corporation, Salem, Mass., a corporation of Massachusetts
Application March 26, 1935, Serial No. 13,048
9 Claims. (Cl. 250—27.5)



1. A space discharge tube having an electron-emitting cathode, a tubular anode forming a closed loop surrounding said cathode, and a curved conducting wall forming a second closed loop, said anode being interposed between the ends of said second loop to complete the same.

2,064,217
CARBURETOR FOR INTERNAL COMBUSTION ENGINES
Ben H. Ravanelli, Austin, Tex.
Application June 6, 1933, Serial No. 674,474
7 Claims. (Cl. 261—36)



1. A carburetor for an internal combustion engine comprising, a mixing chamber, means for supplying an unrestricted stream of air to the mixing chamber, means for injecting fuel under pressure into the air stream, means for preheating said fuel before injection, spring operated means for maintaining a constant pressure of the fuel injected, and a spring actuated valve coacting with said spring operated means for bypassing the fuel whenever the pressure becomes excessive.

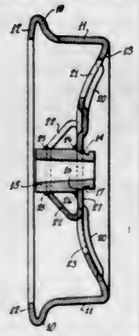
2,064,218
APPARATUS FOR DISPLAYING AERIAL SIGNS
Henry H. Richardson, Louisville, Ky.
Application January 4, 1934, Serial No. 705,198
10 Claims. (Cl. 40—127)



4. In an aerial display device, the combination of a towing agent, an aerial sign, a parachute releasing means interposed between the towing agent and the sign and subject to the pull of the towing agent, said releasing means being held in a ready position while the display is in normal flight and being adapted to operate automatically whenever the pull of the towing agent is slackened, a parachute independently connected to the display device and having a ring engaging with the releasing means whereby the parachute may open automatically whenever the releasing means is operated by a slackening of the towing agent pull.

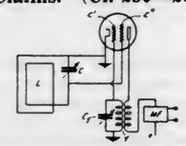
9. A stabilizing kite for a parachute equipped aerial display comprising, a framework forming the outline of a pyramid, a fabric surface upon two sides of the pyramid, a parachute releasing means mounted upon the framework, a parachute mounted upon the framework having a member engaging with the releasing means, and a towing connection extending through the framework near the apex of the pyramid and connected to the releasing means whereby the pull of said towing connection may be applied to the releasing means to retain the parachute member.

2,064,219
VEHICLE WHEEL
Milton H. Rix, Three Rivers, Mich., assignor to Fairbanks, Morse & Company, Chicago, Ill., a corporation of Illinois
Application February 18, 1933, Serial No. 657,383
2 Claims. (Cl. 295—24)



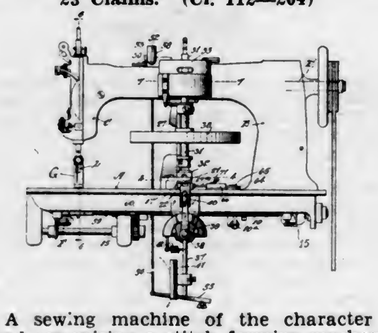
1. A two-part wheel for light railway equipment, consisting of a metal body including peripheral tread and flange portions, the flange being constituted by a reversely-bent lip extending peripherally along the inner edge of the tread, a disc-like web portion extending from the outer edge of the tread inwardly toward the axis of the wheel, and dished to present a concave aspect of the outer wheel face, the web continuing its trend of inward curvature to an axial hub-receiving aperture, a substantially cylindrical hub element extending through the aperture therefor and projecting from the web in a direction inwardly along the wheel axis, a plurality of hub-bracing arms, each formed by a radially instruck, cutout portion of the web, the said arms each being bent inwardly from the point of its connection to the web so that the outer ends engage and collectively embrace the cylindrical surface of the hub element near its innermost end, the hub being provided with a portion of slightly reduced diameter forming a shoulder near its outer end and just inwardly of the hub aperture in the web, and the hub being metallically united to the web adjacent said shoulder, and to the ends of the instruck arms.

2,064,220
RADIO RECEIVER
Yves Rocard, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil, a corporation of France
Application September 29, 1932, Serial No. 635,370
In France January 30, 1932
9 Claims. (Cl. 250—20)



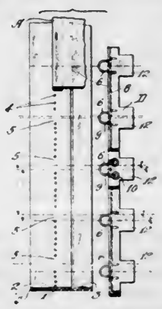
1. In combination in a superheterodyne receiver, an energy collecting means, a vacuum tube detector having a cathode, grid and plate, said grid being arranged to provide a variable mu plate current characteristic, two coupled circuits connected in cascade and each tunable to the incoming signal frequency, one of said circuits being coupled to the energy collecting means and an aperiodic circuit conductive to direct current connected to the second of said tunable circuits and to the grid of said tube.

2,064,221
MULTIPLE DIRECTION SEWING MACHINE
Leo Roseman, Newark, N. J., assignor to Prime Machine Co. Inc., Newark, N. J., a corporation of New Jersey
Application October 30, 1934, Serial No. 750,655
23 Claims. (Cl. 112—204)



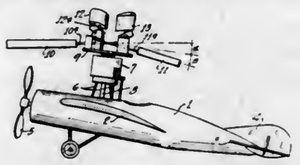
1. A sewing machine of the character described comprising a stitch forming mechanism, a work feed dog movable horizontally in either of two angularly disposed directions and a direction composite of said two directions, two means one for moving the feed dog selectively in each of said two angularly disposed directions, an actuating mechanism, and manually operable means for effecting at will simultaneous connections of said actuating mechanism to both of said first named two means to cause movement of said dog in said composite direction.

2,064,222
FASTENER FOR GARMENTS OF ELASTIC FABRIC
Leo Roseman, Newark, N. J.
Application May 4, 1935, Serial No. 19,830
9 Claims. (Cl. 2—265)



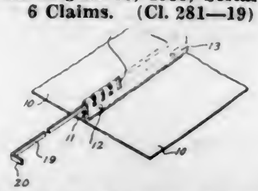
1. In a fastener, the combination with elastic fabric, of a fastener carrier strip extending in the direction of stretching of said fabric, and fasteners secured on said strip in spaced relation to each other, said carrier strip being secured on said elastic fabric only at points juxtaposed to said fasteners and with slack in the carrier strip between said points when the fabric is unstretched, whereby said slack will permit stretching of said elastic fabric.

2,064,223
AEROPLANE
Walter W. Rothenhoefer, St. Louis, Mo.
Application June 9, 1934, Serial No. 729,810
9 Claims. (Cl. 244—17)



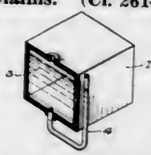
1. In an aeroplane, a rotating support, a blade pivoted thereon about a plurality of axes, a cam race and a cylinder surrounding the axis of rotation of said support, a connection between said cam race and said blade for intermittently varying the angle between the axis of rotation and the axis of said blade during rotation thereof, said cam race being movable towards and away from said support to selectively subject said blade to the influence thereof and withdraw the same therefrom, and a connection between said cylinder and said blade, said cylinder being movable to and from said support to selectively vary the angle of incidence of said blade.

2,064,224
BOOKBINDING CONSTRUCTION
Frank Stanley Schade, Holyoke, Mass., assignor to National Blank Book Company, Holyoke, Mass., a corporation of Massachusetts
Application August 16, 1935, Serial No. 36,469
6 Claims. (Cl. 281—19)



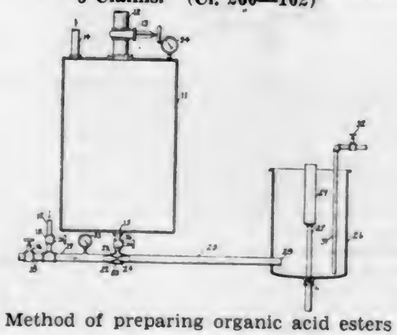
3. In a book construction, a cover comprising cover members and a composite central flange including portions of the cover members and a U-shaped metallic member embracing said portions of the cover members and provided with slots opening into the bend of the U, a filler the sheets of which are bound together with a wire binder having a plurality of curved portions spaced apart at distances permitting said portions to pass readily into the slots, and a binding rod slidable inside of the U-shaped member and within said curved wire portions to hold the binder in place in the slots.

2,064,225
REGULABLE MOISTURE EMITTING AND EVAPORATING DEVICE
Emil Schneider, Philadelphia, Pa.
Application September 6, 1934, Serial No. 742,930
5 Claims. (Cl. 261—99)



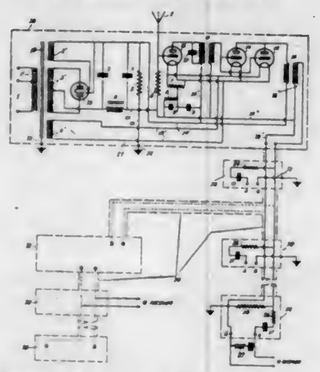
2. In a device of the class described, a container constructed of porous material of such porosity that a liquid contained therein is restrained from flowing through the pores by the partial vacuum above the liquid surface, and means for varying said vacuum to vary the rate of liquid flow through said pores.

2,064,226
MANUFACTURE OF ORGANIC DERIVATIVES OF CELLULOSE
George W. Seymour, Cumberland, Md., assignor to Celanese Corporation of America, a corporation of Delaware
Application April 10, 1934, Serial No. 719,821
6 Claims. (Cl. 260—102)



1. Method of preparing organic acid esters of cellulose, which comprises atomizing a solution of an organic acid ester of cellulose in a volatile solvent by means of steam and then subjecting such atomized solution to the action of a liquid precipitant for the organic acid ester of cellulose.

2,064,227
RADIO FREQUENCY DISTRIBUTION SYSTEM
Charles C. Shumard, Moorestown, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application February 25, 1931, Serial No. 518,093
Renewed May 27, 1936
3 Claims. (Cl. 250—9)



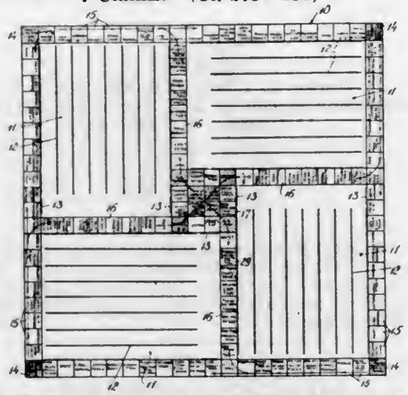
3. In combination in a system for the distribution of a broad band of radio frequency currents, an aperiodic amplifying device having input and output circuits, a two wire aperiodic transmission line connected to the output circuit of said amplifier, a plurality of metallic outlet boxes at spaced apart points on said line, means for conductively connecting each of said boxes to one wire of said transmission line, an outlet terminal mounted in each of said boxes and means including a resistor having a value greater than 200 ohms connecting said outlet terminals to the other wire of said line said connecting means having a high impedance for direct current and a low impedance for currents of radio frequency.

2,064,228
LENS
David Slotsky, Cleveland, Ohio
Application December 6, 1934, Serial No. 756,299
14 Claims. (Cl. 88—54)



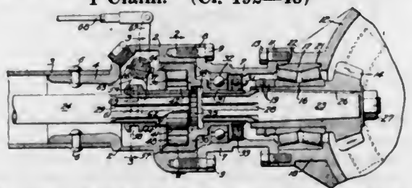
1. In a method of constructing a button for insertion in a countersink of a major lens by joining dissimilar pieces of glass so that the reflection from the edges of the juncture is minimized comprising providing dissimilar pieces of glass having their joining edges substantially aligned with each other, polishing the joined edges of the dissimilar pieces of glass, providing fine particles of glass between the joining edges of the dissimilar pieces of glass, and fusing the fine particles of glass and the dissimilar pieces of glass in the countersink of the major lens, thus producing a juncture in which the reflection from the joined edges is minimized by the fusion of the fine particles of glass.

2,064,229
BOARD GAME
Amster Spiro, New York, N. Y.
Application October 10, 1936, Serial No. 104,922
7 Claims. (Cl. 273—134)



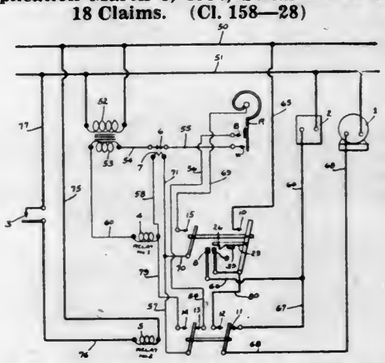
1. In a game apparatus utilizing chance means for selecting playing elements, the combination of a supply of cards bearing news items and representing said playing elements, and a board having a blank space representing a newspaper sheet and on which cards selected by said chance means are adapted to be arranged in simulation of a newspaper composition.

2,064,230
FREEWHEELING MECHANISM
Charles E. Starr, deceased, late of Inglewood, Calif., by Eva M. Starr, of Inglewood, Calif., administratrix, assignor to Perfecto Gear Differential Co., Bellingham, Wash., a corporation of Washington
Application March 14, 1935, Serial No. 11,034
1 Claim. (Cl. 192—48)



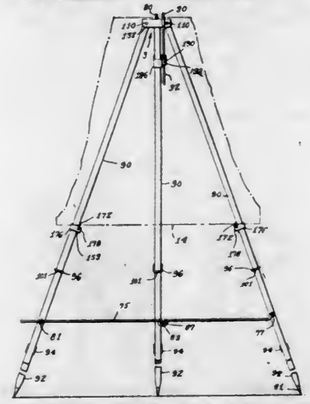
A free wheeling mechanism comprising a housing adapted to be interposed in the torque tube of an automobile, said housing comprising an enlarged forward portion and a rear bearing portion, means connecting the housing portions together, a driven shaft journaled in the rear portion of the housing, a shiftable driving element in the forward portion of the housing and axially aligned with the driven shaft, a bell shaped rotor fixed for rotation with the inner end of the driven shaft and projecting into the enlarged forward portion of the housing, said rotor enclosing the inner end of the driving element and having an annular portion providing a bearing ring, a cam ring encircling the shiftable element and journaled in the bearing ring, clutch teeth on the cam ring, clutch teeth on the shiftable element slidably engageable with the teeth on the cam ring, said rotor having an open recess between the cam ring and the point where the rotor is fixed to the driven shaft and into which the driving element may be shifted, clutch teeth in said recess of the rotor with which the teeth on the shiftable element may be engaged, and means for shifting said element.

2,064,231
BURNER CONTROL SYSTEM
Daniel G. Taylor, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application March 5, 1932, Serial No. 597,084
18 Claims. (Cl. 158—28)



1. In a combustion apparatus, a fuel controller, an igniter, a contact, first and second electrically controllable means and means operable thereby for controlling said contact to close it when the first means is energized, and to open it when the second is energized, and electrical circuits by which, on energization of the first means said fuel controller and igniter are energized through said contact, and by which motor energization is maintained independently of said contact on energization of said second means, and means including a combustion responsive device operative to energize the first electrically controllable means upon a call for heat during the absence of combustion and operative to energize the second electrically controllable means upon the establishment of combustion.

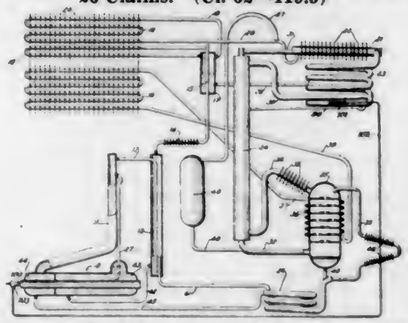
2,064,232
EASEL
Joseph Tepper, Boston, Mass.
Application March 11, 1933, Serial No. 660,420
14 Claims. (Cl. 248—197)



11. An easel including two bars, two supporting members respectively mounted adjustably on the bars and each having a canvas-supporting extension, the lower portion of a canvas being adapted to be supported by the canvas-supporting extensions, a clamping member constructed and arranged to engage the upper portion of the can-

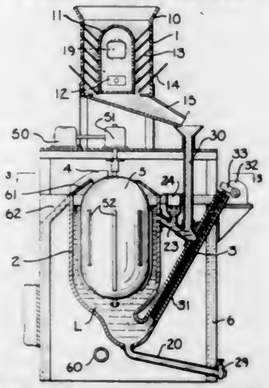
vas with a downward pressure against the said upper portion of the canvas, and means carried by said easel for adjustably receiving the clamping member, whereby the action of the clamping member against the said means and against the said upper portion of the canvas causes the canvas to be clamped between the canvas-supporting extensions and the first-named portion of the clamping member.

2,064,233
REFRIGERATION
Albert R. Thomas, New York, N. Y., assignor, by mesne assignments, to Servel, Inc., Dover, Del., a corporation of Delaware
Application June 1, 1933, Serial No. 673,815
26 Claims. (Cl. 62—119.5)



1. In a refrigerator having a storage compartment, a cooling element in said compartment comprising an upper evaporator having an extensive heat transfer surface and a lower evaporator having a limited heat transfer surface, means for supplying liquid refrigerant to said lower evaporator, and means for supplying liquid refrigerant to said upper evaporator responsive to the temperature at the outside of said compartment.

2,064,234
GOLD RECOVERY DEVICE
Albert Trayman, Seattle, Wash.
Application September 7, 1935, Serial No. 39,598
5 Claims. (Cl. 209—184)



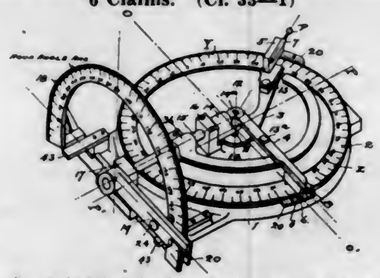
1. Apparatus for the recovery of gold from sand, which comprises a pot to contain molten lead, a rotative body disposed in said pot to leave a relatively thin unobstructed annular space for the lead and sand, spaced cleats thereon moving in said annular space, but spaced from the pot, to stir up the lead and sand, and means to advance gold-bearing sand beneath the surface of the lead in said pot, whereby the sand will float upward and the gold will remain submerged.

2,064,235
PACKING
Harley T. Wheeler, Dallas, Tex.
Application March 21, 1932, Serial No. 600,246
11 Claims. (Cl. 288—1)



1. A packing ring comprising a strip of porous material folded longitudinally and formed into frusto-conical ring shape, one side of the folded strip being open and presented toward the source of fluid pressure.

2,064,236
NAVIGATING INSTRUMENT
Edward J. Willis, Richmond, Va.
Application May 21, 1935, Serial No. 22,494
6 Claims. (Cl. 33—1)

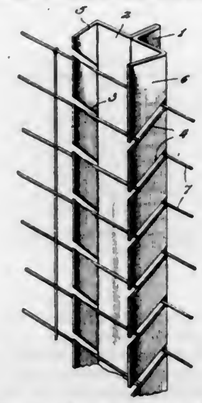


1. A navigating instrument comprising a base plate provided with a circular series of graduations, a first arm pivotally mounted at the center of said circular series of graduations and adapted to move over said graduations, a shaft mounted on said base plate for rotation on an axis perpendicular to an axis passing through the center of the circular series of graduations, a second arm pivotally connected to said shaft on an axis coinciding with the axis passing through the center of the circular series of graduations, said arm adapted to move over said graduations and to rotate with said shaft, a member provided with a semi-circular series of graduations disposed with the center of said series of graduations coinciding with the axis of said shaft, a third arm connected to said shaft and adapted to move over said semi-circular series of graduations, movement of said second or third arm causing rotation of said shaft and a corresponding movement of the other arm connected to the shaft, and means for determining the angle included between said first and second arms.

2,064,237
METAL FENCE POST
Daniel Willman, Hartford City, Ind.
Application November 8, 1935, Serial No. 48,933
3 Claims. (Cl. 256—58)

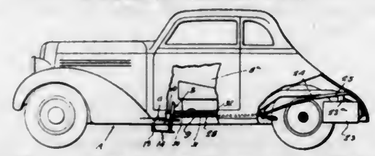
1. A fence post formed from a strip of metal crimped intermediate its width to form a flat body portion having a longitudinally extending web of double thickness projecting rearwardly therefrom, side portions of the metal strip being

bent to project forwardly from the body in converging relation to each other and formed with transversely extending slots opening through their forward edges and each straight throughout its length, the slots of one side flange extend-



ing forwardly at an upward incline and the slots of the other side flange extending forwardly at a downward incline, and companion slots of the flanges having their inner ends in the same horizontal plane.

2,064,238
LEVER LOCK FOR FUEL TANK CLOSURES ON AUTOMOBILES
Laura Bell Yegen, Billings, Mont.
Application November 12, 1935, Serial No. 49,390
2 Claims. (Cl. 220—55)



1. The combination with an automobile characterized by a closed body and a fuel storage tank equipped with a filling neck having a sliding closure of a slotted supporting member adapted to be mounted on the body, said member also formed with a keeper notch registering with one end of the slot, a depressible lever pivotally carried by the member extending through said slot and being operable from the inside of the body to prevent unauthorized tampering with the lever when the body is locked, said lever having a lug secured thereto seatable in the keeper notch in the locked projected relation and releasable therefrom in the unlocked depressed relation, a spring connected with said member and bearing on the lever to normally retain the lever in projected relation, and a link connecting the lever with the sliding closure so that the rocking of the lever in the released relation opens and closes the filling neck.

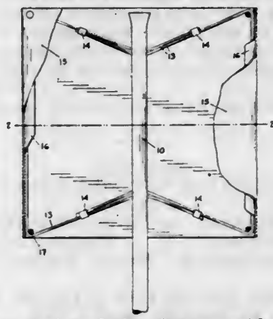
2,064,239
SMOKE FILTER PLUG OR WAD FOR CIGARETTE PAPER TUBES
Boris Aivaz, Budapest, Hungary
Original application November 20, 1928, Serial No. 320,733. Divided and this application April 21, 1933, Serial No. 667,287. In Great Britain November 23, 1927
1 Claim. (Cl. 131—52)

A smoke filter wad for cigarette paper tubes, comprising a strip of corrugated or crepe paper sheets wound into a loose spiral, and absorptive filling material between and alternating



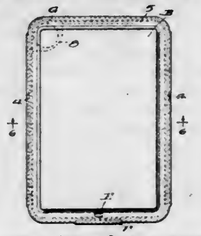
with the corrugated or crepe paper sheets, the inner end of the multiple strip being folded so as to fill out the central channel of the wad.

2,064,240
SIGN AND SIGN FRAME
Fuller Arnold Austin, Lincoln, Nebr.
Application February 11, 1936, Serial No. 63,337
6 Claims. (Cl. 40—145)



4. A sign post and sign frame, said post having upper and lower pairs of transverse apertures, a pair of frame members on opposite sides of said post, a pair of resilient arms on each of said frame members and passing through the apertures of said post, the apertures of each pair of apertures of said post being contiguous but slightly spaced from each other whereby said arms will be slightly spaced from each other in the portions adjacent to said post, and means at the extremity of each of said arms for securing the overlapping portions of said arms together against the tendency of said arms to spread due to their resilience.

2,064,241
BOX
Seymour Batdorf, Lancaster, Pa., assignor to Liberty Can and Sign Company, a corporation of Pennsylvania
Application March 29, 1935, Serial No. 13,751
10 Claims. (Cl. 220—41)



1. A slide cover type box comprising a body formed with a two-diameter top edge curl, said curl having two large diameter portions respectively extending across the respective ends and partially lengthwise of the sides and two small diameter portions on the sides interposed between the opposed end faces of said large portions, said end faces being the exposed edges of

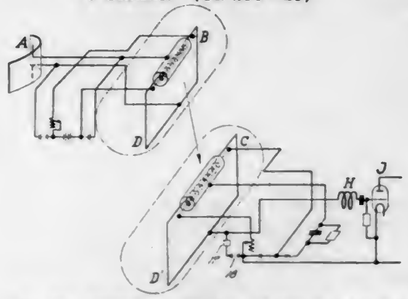
the curls of the large diameter portions and constituting abrupt sharp body stop shoulders having raw edges extending laterally in a plane substantially at right angles to the adjacent portions of the faces of the respective small diameter curl portions, in combination with a sliding cover arched both lengthwise and crosswise and formed of resilient material, side flanges integral with said cover and curved downwardly and inwardly to snugly slidingly engage about and under the respective outer faces of said top edge curl, and sharp abrupt cover stop shoulders respectively extending inwardly and upwardly from the lower portions of the respective flanges and so located lengthwise thereof as to be disposed between the body stop shoulders on the respective sides of said body and to be respectively presented in opposition to the respective cooperating body stop shoulders when said cover is applied to said body, said top by its arched formation and springy resilient nature pressing with its margin against the top of said edge curl and pulling the lower portions of said flanges against the opposed face portions of said edge curl.

2,064,242

RADIO RECEIVING SET FOR ULTRA-SHORT WAVES

Walter Dällenbach, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands

Application July 18, 1933, Serial No. 680,399
In Germany June 2, 1932
6 Claims. (Cl. 250—15)



1. In an arrangement for receiving electrical energy of ultra-short waves, a primary receiver including an electron tube having cathode, anode and grid electrodes connected in braking field manner, an oscillating circuit within said tube formed in part by the electrodes thereof and adapted to produce, independently, space radiations of high frequency oscillations corresponding in frequency to the waves to be received, an antenna connected to the electrodes of said tube for receiving and applying to the tube said electrical energy whereby oscillations are generated in said oscillatory circuit, a secondary receiver and a secondary antenna therefor, the latter being positioned in the field of space radiation of the high frequency oscillations generated in the oscillatory circuit of the first tube.

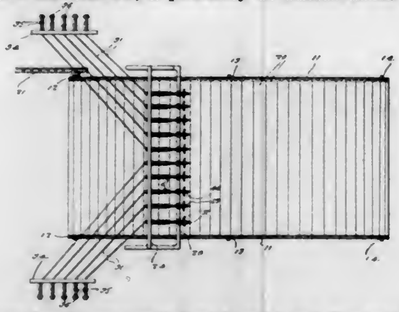
2,064,243

GLASS CUTTING DEVICE

Forest S. Campbell, Henryetta, Okla.

Application December 14, 1935, Serial No. 54,519
3 Claims. (Cl. 33—32)

1. In a sheet glass cutting device, the combination of an endless carrier upon which the glass travels, standards disposed at opposite sides of the carrier, a cross bar connecting the upper ends of the standards, a rod connecting the intermediate portions of the standards slightly above the carrier, a plurality of cutter arms in-



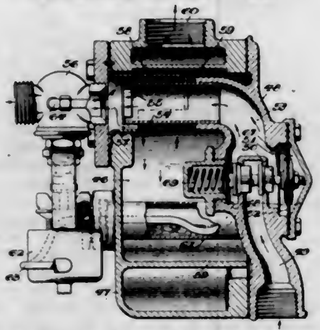
dependently connected with said rod for vertical swinging movement about the rod as a pivot, pulleys suspended from said cross bar, and operating cables for said arms trained over said pulleys and connected at one end with said arm.

2,064,244

FLUID MIXING DEVICE

Lloyd L. Davies, Knoxville, Tenn., Jules V. Resek, Cleveland, Ohio, and William W. Carson, Jr., Knoxville, Tenn., assignors to The Fulton Syphon Company, Knoxville, Tenn., a corporation of Delaware

Original application October 20, 1933, Serial No. 694,500, which in turn is a division of application Serial No. 601,624, March 28, 1932. Divided and this application June 15, 1934, Serial No. 730,814
20 Claims. (Cl. 137—111)



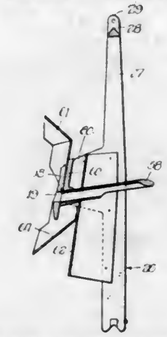
1. In a device for mixing fluids, a mixing chamber having an outlet near its periphery, means for supplying the fluids to be mixed near the periphery of said chamber and to opposite sides of said chamber in oppositely flowing streams which are concentrically arranged for a portion of their length, means for preventing mixing of said fluids during the flow of one of said fluids across a portion of the width of said chamber, means for changing the direction of flow of said last named fluid and directing it transversely into the stream of the other of said fluids whereby great turbulence is produced, and means in said chamber for compelling all the mixture to traverse said chamber substantially at right angles to said oppositely flowing streams and into adjacency with the peripheral wall of said chamber at the opposite side of said chamber from said outlet.

2,064,245

DUST SHIELD

Richard A. Dittmar, Hudson, N. Y.

Application February 14, 1935, Serial No. 6,573
3 Claims. (Cl. 226—48)



1. In a device of the character described, in combination, a bag filling machine including a housing having a tangential discharge opening, an impeller operating therein, a weighing frame supported for vertical movement, a discharge spout carried by said frame and having association with the tangential opening in the housing, whereby cement is delivered to the spout when the parts are in alignment and is cut off when the same are out of alignment, a dust shield secured to said frame and located to the rear of the bag, said shield extending for a distance above and below the discharge spout to thereby cover the rear surface of the bag for the entire upper portion thereof, whereby said shield protects the surface thereof from the cement dust discharged into the air during the filling operation, and a guard secured to the discharge spout and located adjacent the housing, said guard being directed upwardly and rearwardly to deflect the cement dust downwardly.

3. In a device of the character described, in combination, a bag filling machine including a housing having a tangential discharge opening, an impeller operating therein, a weighing frame supported for vertical movement, a discharge spout carried by said frame and having one end associated with the tangential opening of the housing to provide a valve for admitting and cutting off the supply of material from the housing, said spout being directed upwardly at approximately seven and one-half degrees from the horizontal to prevent opening of the valve during the operation of removing the bag from the discharge spout, a dust shield secured to said frame and adapted to engage the rear surface of the bag being filled, said shield being located between said bag and said valve and having an opening through which the discharge spout projects, whereby said shield maintains the rear surface of the bag clean and free of dust.

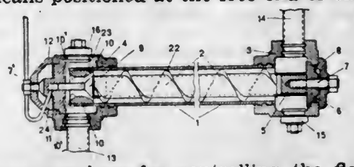
2,064,246

TUBE SYSTEM FOR HEAT EXCHANGE

Petr Dmitrevskij and Dimitrij Astrov, Prague, Czechoslovakia

Application April 7, 1934, Serial No. 719,522
In Czechoslovakia April 11, 1933
3 Claims. (Cl. 257—249)

1. In a tube system for liquid evaporators, a plurality of tubes, means for passing a fluid medium through said tubes, a core member positioned centrally in each of said tubes, means for fixing one end of each of said core members with respect to its tube, means positioned on each of said core members for dividing the space between the core and tube into a helical path and means positioned at the free end of each of



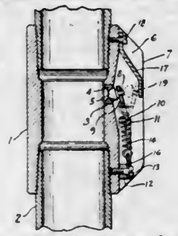
said core members for controlling the flow of said fluid medium through its tube in accordance with the difference of expansion of the tube and core.

2,064,247

KICK-OFF COLLAR

Seth Evans, Houston, Tex., assignor to Hughes Tool Company, Houston, Tex., a corporation of Texas

Application April 24, 1934, Serial No. 722,070
9 Claims. (Cl. 103—232)



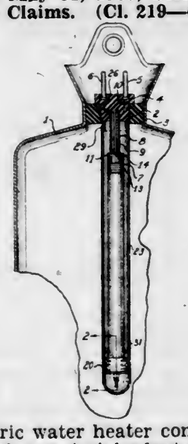
1. A tubing coupling having a lateral fluid port therein, a valve seat in said port, a valve adapted to fit said seat, and means controlling said valve and acting to hold said valve in either open or closed position with a predetermined force, said valve being adapted to be moved by a preponderance of fluid pressure on one side thereof.

2,064,248

ELECTRIC HEATING ATTACHMENT FOR HOT WATER BAGS AND THE LIKE

Wilfred Doyon, Detroit, Mich.

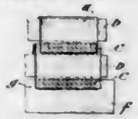
Application May 31, 1935, Serial No. 24,428
5 Claims. (Cl. 219—41)



1. An electric water heater comprising a stopper of insulating material adapted to be inserted in the neck of a hot water bottle and provided with a depending tubular shell extending in-

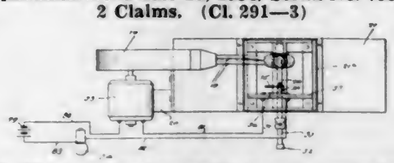
wardly from said stopper into the bag, a pair of electrodes molded in the body of the stopper and extending above the stopper to provide spaced terminals, a resistance element spaced in said depending tubular shell and being in circuit with the lower end of one of the said electrodes, the upper portion of the depending tubular shell being smaller in diameter than its lower portion and having the resistance element spaced below the said smaller portion of the depending tubular shell, a contact member positioned in an insulating block at the lower end of said resistance element, a cylindrical thermostatic element attached to the bottom of the depending tubular shell, and the said depending tubular shell being connected to the other electrode, the cylindrical thermostatic element having an adjustable contact member, and the adjustable contact member to be opened and closed at predetermined temperatures.

2,064,249
GARMENT SUCH AS KNICKERS AND THE LIKE
Fritz Ebert, Oberndorf-on-the-Neckar, Germany, assignor to Mauser-Werke A.-G., Oberndorf-on-the-Neckar, Germany, a joint-stock company of Germany
Application May 22, 1933, Serial No. 672,300
In Germany June 29, 1932
6 Claims. (Cl. 2—237)



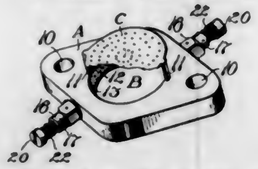
1. An elastic waist band particularly for undergarments, comprising a fold of extensible material, at least one loosely mounted flat elastic band provided in the fold, said fold also when the waist band is contracted lying flat against the elastic band, and guide means provided adjacent the elastic band and close along the edges thereof, the guide means adjacent the lower edge of the elastic band comprising an extensible line of stitching extensible together with the fold of the material.

2,064,250
SANDING DEVICE
Elias Falk, Hartford, Conn.
Application November 15, 1934, Serial No. 753,200
2 Claims. (Cl. 291—3)



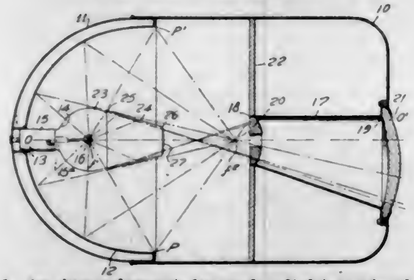
2. The combination with a motor vehicle, of a sand blower comprising a sand receptacle, blower means connected with the receptacle for drawing sand by suction from the receptacle, and including a pair of conduit tubes for discharging the sand adjacent the wheels of the automobile, a motor for said blower means, an electric circuit for said motor, valve means for controlling the passage of sand through said conduit tubes, means for operating the valve including indicator means for indicating the position of the valve, and a switch arranged in circuit with said motor and controlled by the valve-operating means for controlling the circuit to the motor, and a signal element arranged in circuit with said motor and switch for indicating the operative or inoperative condition of the sand blower.

2,064,251
GAS MIXER
John Forbes, Winnipeg, Manitoba, Canada
Application April 21, 1934, Serial No. 721,796
3 Claims. (Cl. 48—180)



1. Improvements in gas mixers, comprising a body portion having an enlarged orifice extending therethrough, an annular channel upon the periphery of said orifice, air metering jets extending through said body portion to said channel and a hardened chemical composition within said channel composed of carbon, naphthalene and a binding substance, said composition being provided with a plurality of orifices connecting with said air metering jets.

2,064,252
INCANDESCENT LAMP AND PROJECTION DEVICE
Brauddus Brock Fortney, Louisville, Ky.
Application July 30, 1932, Serial No. 626,783
Renewed October 10, 1935
2 Claims. (Cl. 240—41.3)

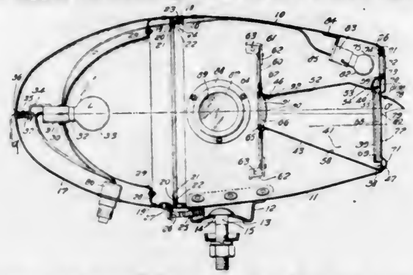


1. An incandescent lamp for light projection, comprising an elongated envelope encompassing a filament, said envelope being formed with clear sections adjacent the optical axis and surrounding the major spherical angle about said filament up to a mirror portion forwardly thereof, the portion of said envelope intermediate to said clear sections being formed with a concentrically arranged mirrored, reflective surface disposed at an acute angle forwardly directing the rays emanated from said filament and impinging on said reflective surface.

2,064,253
NONGLARE HEADLIGHT CONSTRUCTION
Brauddus Brock Fortney, Louisville, Ky.
Application July 30, 1932, Serial No. 626,784
Renewed October 10, 1935
6 Claims. (Cl. 240—41.3)

1. In a headlight having a light converging system arranged to converge the light from a source to a focal area within the headlight, of

a secondary reflector conduit comprising portions of dissimilarly formed frusto-conical sections having its small end substantially concentric with the optical axis of said system adjacent the optical axis, said frusto-conical section above the optical axis having a reflective surface at its upper interior portion, and an arcuately

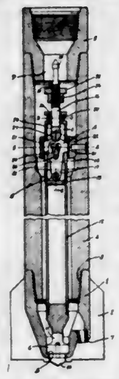


formed deflective section included in the conical member above the optical axis extending towards the same downwardly, a light spreading lens positioned at the forward end of said arcuately formed deflective surface of said conduit and a light spreading reflective visor adjacent said lens for deflecting the rays downwardly.

2,064,254
PRODUCTION OF HIGHER KETONES
Otto Fuchs, Frankfort-on-the-Main, Erich Naujoks, Berlin-Zehlendorf Mitte, and Wilhelm Querfurth, Mainz-Mombach, Germany
No Drawing. Application April 6, 1935, Serial No. 15,134. In Germany August 19, 1931
15 Claims. (Cl. 260—134)

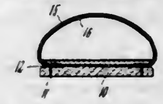
1. The method of producing higher ketones comprising contacting an alcohol having an aliphatic character with a lower ketone in the presence of a mixed catalyst comprising essentially hydrogenating and dehydrating components at a temperature between 150° and 400° C.

2,064,255
REMOVABLE CORE BREAKER
Lewis E. Garfield, Houston, Tex., assignor to Hughes Tool Company, Houston, Tex., a corporation of Texas
Application June 19, 1936, Serial No. 86,057
7 Claims. (Cl. 255—61)



1. A drill collar, a core drill thereon having an inner seat, a core breaker shaped to fit said seat, a bushing in said drill collar spaced above said seat, said bushing being internally threaded, a barrel on said core breaker, latching dogs supported at the upper end of said barrel, teeth on said dogs formed to engage within said threaded bushing and means to force said dogs into position engaging said bushing, said dogs being then adapted to be screwed downward by said bushing.

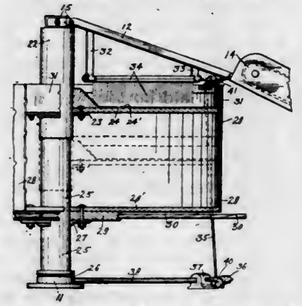
2,064,256
SHOE AND METHOD OF SHOEMAKING
Morris Green, Boston, Mass., assignor to A. R. Hyde & Sons Company, Cambridge, Mass., a corporation of Massachusetts
Application October 12, 1935, Serial No. 44,717
3 Claims. (Cl. 12—142)



1. A method of making shoes, which comprises stitching through a shoe sole along the margins of the shank and forepart thereof, so that portions of the loops of stitched thread are exposed on the upper face of the sole, applying an adhesive to marginal portions of the upper face of said sole including the loops exposed thereon, and pressing said sole into adhesive contact with a lasted upper so that said exposed loop portions directly engage the overlasted portion of the upper.

3. A shoe comprising an outer sole and an upper having a lasted portion, said outer sole having a line of stitching therethrough along the margins of the shank and forepart thereof to strengthen and reinforce the sole material, portions of the stitching being exposed on the upper face of the sole, and a film of cement impregnating said exposed portions of the stitching and adhesively uniting said lasted portion with the upper face of the sole and with said stitching, the stitching serving to strengthen the adhesive bond between the lasted portion and the sole and to secure the entire thickness of the sole to the lasted portion.

2,064,257
REVOLVING BIN FOR FRUIT
Earl G. Griffith, Los Angeles, Calif.
Application March 25, 1936, Serial No. 70,854
7 Claims. (Cl. 226—129)



1. In combination, a fruit receiving bin, revolubly supported, a tray movably and revolubly supported in said bin, whereby to be revolved and to be raised and lowered therein, means for causing said tray to revolve with fruit thereon, power means for raising and lowering said tray to different levels in said bin, and means mounted over

said tray and adapted to be moved by engagement with fruit on said tray, said means being connected for controlling said power means.

2,064,258

TRIPHENYLMETHANE DYESTUFFS

Hans Grotowsky, Krefeld-Uerdingen, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application November 1, 1934, Serial No. 751,095. In Germany November 11, 1933

6 Claims. (Cl. 260—67)

1. Triarylmethane dyestuffs having in the carbinol form the general formula:

$$HO—C\equiv[\equiv Ar—]_3—(alk—SO_3H)_n$$

wherein "Ar" stands for an aromatic radical at least two of which contain an auxochrome, "alk" represents an alkylene group and "n" stands for one or two, these dyestuffs being in the form of their alkali metal salts dark metallic lustrous powders.

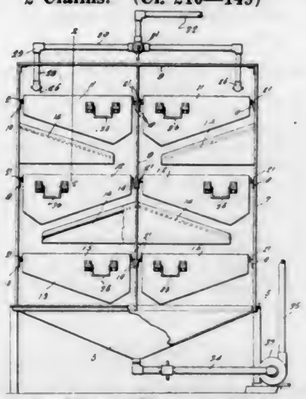
2,064,259

DAIRY SEDIMENT FILTER

William A. Hehn, Jamestown, N. Dak.

Application July 12, 1935, Serial No. 31,114

2 Claims. (Cl. 210—149)



1. A dairy sediment filter comprising a frame like supporting structure, a receptacle for receiving the filtered material mounted in the bottom of the supporting structure, two parallel series of alternately arranged filtering trays and troughs mounted in the structure above said receptacle, each of said trays having sides and ends and a bottom, said bottom including a relatively long section and a relatively short section, said bottom sections being arranged in synclinal relation, and the long bottom section being provided with an opening and a filtering screen disposed over the opening; and each of said troughs having an inclined bottom in spaced parallel relation to the long bottom section of the next adjacent upper tray, and spaced therefrom a distance sufficient to permit the fluid filtering through the screen of the tray to contact with atmospheric air for aerating the material being filtered during the filtering thereof, the troughs in each section sloping in reverse directions relative to one another and the trays in each series being reversely disposed with respect to one another; and conduit means for directing either the material to be filtered or a cleansing fluid in alternation to each series of trays and troughs.

2,064,260

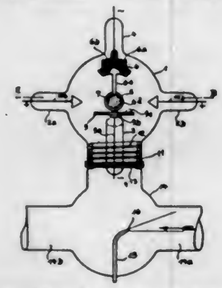
METHOD AND APPARATUS FOR SYNTHESIZING NITROGEN COMPOUNDS

Ludwig Herrmann, Frankfort-on-the-Main, Germany, assignor to Kurt Adamczick and Willy List, both of Frankfort-on-the-Main, Germany

Application March 7, 1931, Serial No. 520,923

In Germany March 8, 1930

23 Claims. (Cl. 204—31)



18. The method of preparing an explosive gas comprising the activation of the nitrogen of atmospheric air in presence of water by X-rays, cathode rays and positive rays produced in the same evacuated vessel and mixing the irradiated gas with atmospheric air.

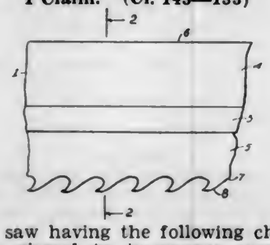
2,064,261

SAW

Paul D. Howe and Stanley L. Batchelder, San Jose, Calif.

Application November 2, 1935, Serial No. 47,993

1 Claim. (Cl. 143—133)



A band saw having the following characteristics when viewed in transverse cross section, namely, a flat side, extending to the two edges of the band, a thickened central portion, and angularly disposed sides extending from the central portion to both of said edges.

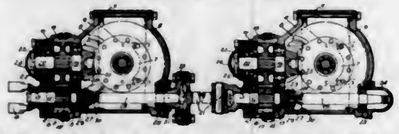
2,064,262

AXLE CONSTRUCTION

Beverly W. Keese, Oshkosh, Wis., assignor to The Timken-Detroit Axle Company, Detroit, Mich., a corporation of Ohio

Application September 6, 1933, Serial No. 688,387

7 Claims. (Cl. 180—22)



6. In a dual axle drive combination, a pair of axle housings, through drive shafting affording the power for driving both axles, and selectively operable coupling means carried by one of said axle housings for manually controlling the power supplied to one of the axles, said means including a device shiftable axially of and concentric relative to said through drive shafting.

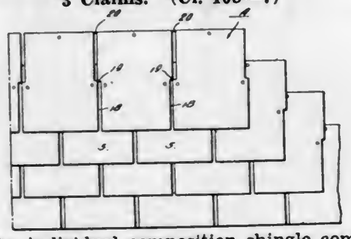
2,064,263

SELF-SPACING INDIVIDUAL COMPOSITION SHINGLE

Stephen A. Kiellar, Wallington, N. J.

Application May 4, 1935, Serial No. 19,872

3 Claims. (Cl. 108—7)



3. An individual composition shingle comprising an imperforate flat rectangular body portion formed with outstanding spacing ribs on both of the longitudinal edges, said ribs extending continuously from one end of the shingle for one half the length thereof, the side edges of the spacing ribs and the longitudinal edges of the body being straight and parallel throughout, and a single shoulder formed on each side of the body where the ribs terminate having the edge thereof perpendicular to the side edge of the rib and side edge of the body.

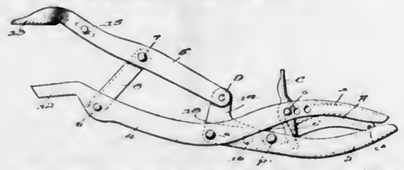
2,064,264

VALVE SPRING LIFTER

Harry W. Kulp, Lancaster, Pa., assignor to K-D Manufacturing Company, Lancaster, Pa., a corporation of Pennsylvania

Application March 7, 1936, Serial No. 67,718

6 Claims. (Cl. 29—86.3)



1. A valve-spring-lifting tool comprising a supporting beam comprised of a pair of resilient spaced bars and a handle connecting their rear portions and having jaw members at their forward ends having forwardly and downwardly inclined supporting lower edge faces, and an adjusting means engaging said bars to relatively adjust the positions of said jaw members transversely of said beam, in combination with an upper jaw-beam having forwardly and downwardly inclined jaw members at its forward end, a relatively rigid lever having its lower end freely pivotally mounted on said adjusting means, means pivotally connecting the upper end of said lever to said jaw-beam to the rear of said adjusting means, a bell-crank lever pivotally mounted on said supporting beam, and means pivotally connecting the rear end portion of said jaw-beam and the toe portion of said bell-crank lever, the distance between the axes of the pivotal mounting of said bell-crank lever and the pivotal connection between the latter and said jaw-beam being equal to approximately four-sevenths of the distance between the axes of the fulcrum points of said relatively rigid lever.

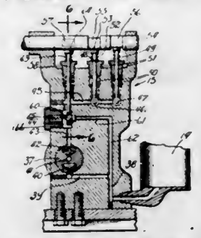
2,064,265

VALVE STRUCTURE FOR PUMPING SYSTEMS

Harold J. Marlowe, Brooklyn, N. Y., assignor to Jackomatic Corporation, a corporation of Delaware

Application March 24, 1932, Serial No. 600,853

7 Claims. (Cl. 251—56)



1. A valve structure including, in combination, a pressure chamber, a passageway opening into said chamber, a valve for establishing and disestablishing communication between the pressure chamber and the passageway, said valve including a ball arranged to close the passageway to the chamber, a valve stem separate from the ball and extending through the wall of the chamber and provided at its inner end with means wherein the ball is freely movable with respect to the stem, and means for urging the ball to passageway closing position.

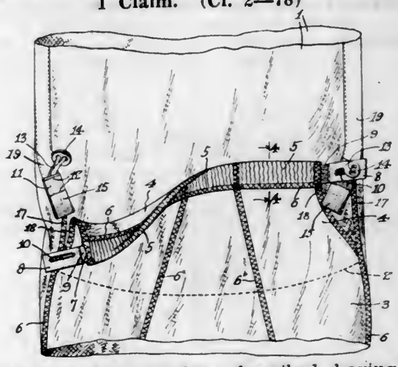
2,064,266

DROP SEAT GARMENT WITH DETACHABLE ELASTIC BAND

William Murphey, Chattanooga, Tenn.

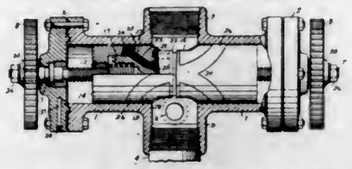
Application November 30, 1935, Serial No. 52,413

1 Claim. (Cl. 2—78)



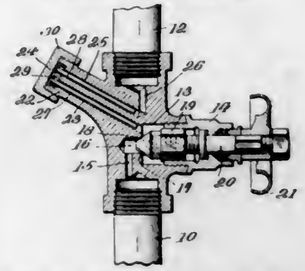
A garment of the type described, having reenforcing strips extending down the sides of the body of the garment, pin stays stitched to the lower ends of said reenforcing strips, cords or tapes stitched under the pin stays, buttons carried by said cords or tapes, a drop seat flap, having its lateral edge portions detached from the body of the garment said drop seat flap having its side edges free from the body of the garment, and having a line of stitching along each vertical edge extending to the point of juncture with the garment in a plane substantially below that of the pin stays, said drop seat flap having a hollow fabric rib, a detachable elastic band removably mounted in said hollow fabric rib, and members having fastening means such as buttonholes on the ends of said elastic band for the purpose of holding the drop seat flap in normal buttoned position.

2,064,267
BLOW-OUT PREVENTER
Jeddy D. Nixon, Houston, Tex.
Refiled for abandoned application Serial No. 598,848, March 14, 1932. This application March 14, 1935, Serial No. 11,178
9 Claims. (Cl. 251—62)



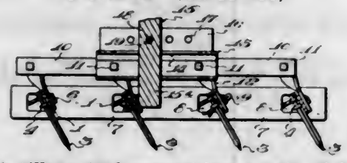
1. Apparatus for controlling the flow of fluid, under pressure, from a well, comprising cylinders, means for connecting said cylinders to an outer pipe in the well, said apparatus having an opening for an inner pipe within and spaced from the outer pipe, plungers in the cylinders each having relatively movable parts and a yieldable member between said parts, means for moving the plungers into inactive position to clear the space between the pipes and into active position about said inner pipe to close said space, said yieldable member maintaining the corresponding plunger parts against relative movement as the plunger is moved to said active position and thereafter yielding to permit relative movement of said parts, and resilient means arranged to be expanded upon said relative movement to form a close fit, with the corresponding cylinder wall, around said plunger.

2,064,268
BUFFER FOR FLUID PRESSURE INDICATORS
Arthur L. Parker, Cleveland, Ohio
Application December 18, 1935, Serial No. 55,103
5 Claims. (Cl. 138—42)



1. A buffer for fluid pressure indicators comprising a pipe leading to the indicator, a pipe leading to the pressure line, a coupling joining said pipes, said coupling having an extension with a recess in the outer end thereof, a cap for closing said recess, parallel bores extending along said extension, one of which is connected at its lower end to the pipe leading to the indicator and the other of which is connected at its lower end to the pipe leading to the pressure line, a rod in each bore, means for freely supporting said rods in said bores, said bores being disposed so that the rods will move by gravity in said bores, and said rods being dimensioned relative to said bores so as to provide an annular passage for the fluid which frictionally resists back and forth movements in the fluid incident to rapid pulsating changes in the pressure on the fluid while permitting movement of the fluid under gradual changes in pressure.

2,064,269
TILLAGE TOOL
Louis W. Pope, Dallas, Tex.
Application April 2, 1936, Serial No. 72,347
6 Claims. (Cl. 55—90)



6. A tillage tool comprising a pair of harrow sections provided each with a shank for mounting rotatably with draw-bars of a cultivator, means for varying the paths of travel of the sections relative to the plane of travel of the tool, said shank serving to effect a predetermined angularity of the teeth to the earth.

2,064,270
ANTIBALLOONING SPINDLE FOR TWISTING MACHINES
Irving R. Rowe, Stonington, Conn., assignor to The Atwood Machine Company, Stonington, Conn., a corporation of New Jersey
Application September 10, 1935, Serial No. 39,935
3 Claims. (Cl. 117—23)

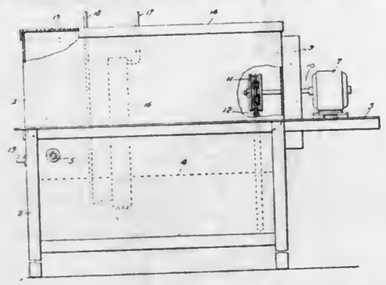


1. A spindle assembly for textile twisting machines comprising in combination, a spindle, a yarn carrying spool thereon, a pulley on said spindle, a flange secured on said pulley and forming the spool supporting surface therefor, a cup enclosing said spool having a small opening in the top thereof, a cylindrical surface formed on said flange at its outer edge and forming the centering and retaining means on said flange for said cup, and means on said cylindrical surface to detachably retain said cup thereon.

2,064,271
REFRIGERANT CONDENSING APPARATUS
Walter A. Schmidt and William Nadeau, Los Angeles, Calif., assignors to Holbrook Service Company, Los Angeles, Calif., a copartnership
Application August 12, 1935, Serial No. 35,844
3 Claims. (Cl. 257—37)

1. A refrigerant condensing apparatus of the class described comprising, in combination, a container for the reception of water, a supporting frame for the container, said supporting frame including a platform projecting beyond the container, said container having an air inlet opening therein adjacent the platform, an annulus projecting from the container around the air

inlet opening, said container comprising a cover having air outlet openings therein at a point remote from the air inlet opening, a condensing unit mounted vertically in the container between the air inlet and outlet openings, an electric motor mounted on the platform, a shaft operatively connected to the motor and projecting



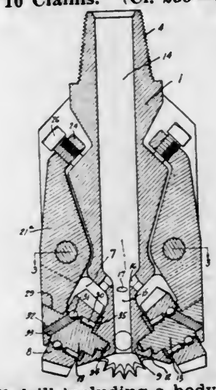
therefrom into the container, a grooved pulley fixed on the inner end portion of the shaft, an endless chain trained over the pulley and depending loosely therefrom into the water, said chain constituting means for agitating and elevating the water, and a fan fixed on the shaft and operable in the annulus for blowing the elevated water against the condensing unit.

2,064,272
PERIOD CONTROL VALVE FOR PLUNGER LIFT DEVICES
Clarence N. Scott, Houston, Tex.
Application July 22, 1935, Serial No. 32,542
9 Claims. (Cl. 103—52)



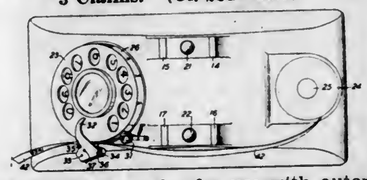
1. In a plunger lift device, a well casing, an eduction tube spaced therein, packers between said tube and casing dividing the space between said tube and casing into upper, intermediate and lower compartments, a valve normally closing openings from said lower compartment to said tube but permitting passage of fluid between said lower and said intermediate compartments, a plunger in said tube freely movable from the lower to the upper end thereof, said valve being movable to open communication from said lower compartment through said openings to said tube under said plunger and close the passage of fluid between said lower and said intermediate compartments in response to an adequate increase of fluid pressure in said tube, said upper chamber acting as a storage chamber adapted to be placed in communication with said intermediate chamber in response to a preponderance of pressure in said upper chamber.

2,064,273
ROLLER BORING DRILL
Floyd L. Scott, Houston, Tex., assignor to Hughes Tool Company, Houston, Tex., a corporation of Texas
Application April 22, 1935, Serial No. 17,684
10 Claims. (Cl. 255—71)



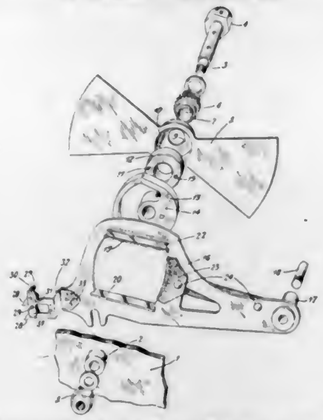
1. A well drill including a body, opposed radial channels longitudinally thereof, a plurality of outwardly and downwardly opening pockets in the lower end of said body, a central post on said body between said pockets, cutter shafts in said pockets, the inner ends thereof being supported in said post, supporting arms pivotally supported in said channels, means to limit pivotal movement of said arms, heads on the lower ends of said arms forming an outer wall for each of said pockets, supports in said heads for said shafts and cutters rotatable on said shafts.

2,064,274
RECORDING MECHANISM
Oscar A. Shann, Bayside, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application July 2, 1935, Serial No. 29,434
3 Claims. (Cl. 234—33.5)



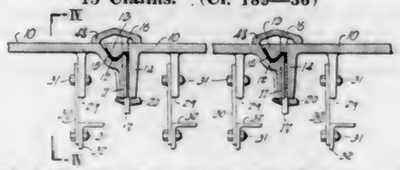
1. A number recorder for use with automatic telephones of the type provided with call senders, including a single movable finger operated wheel for actuating said call sender, printing characters carried by the peripheral edge of said wheel, a paper web on which said characters may be recorded, a movable finger stop associated with said finger operated actuating wheel, means mounted on said finger stop and effective upon movement thereof to cause engagement of said paper web and certain of said printing characters and a pawl pivotedly mounted on said finger stop with its free end in engagement with said paper web, said pawl being effective upon movement of said finger stop to advance the paper web to a new printing position.

2,064,275
INTERMITTENT FEED MECHANISM
John R. Sontagh, Audubon, and Harold C. Holden, Woodbury, N. J., assignors to Radio Corporation of America, a corporation of Delaware
Application February 28, 1934, Serial No. 713,286
3 Claims. (Cl. 74—54)



1. Intermittent feed mechanism comprising a cam follower, a cam within an aperture of said follower for oscillating said follower, a plurality of plates fitted in recesses in said follower at opposite sides of said cam for coacting with said cam, means securing said plates against sidewise movement in said recesses whereby said plates are retained in said recesses by said cam.

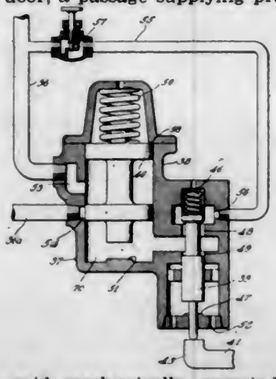
2,064,276
BUILDING CONSTRUCTION
Charles L. Strattard, Fairfield, Conn., assignor to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
Application July 14, 1933, Serial No. 680,413
15 Claims. (Cl. 189—36)



13. A flexible joint construction between adjacent members having a common face plane, comprising overlapping edge portions interengaged by groove and tongue, both normal to the common face plane, said members having a spaced relationship throughout said interengaged assembly, and securing means associated with said overlapped portions adapted to maintain the members in spaced interengaged assembly.

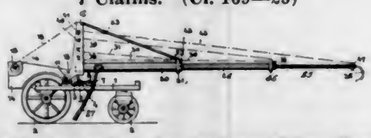
2,064,277
STOKER
Charles J. Surdykowski, Tuckahoe, N. Y., now by judicial change of name Charles J. Surdy, assignor to The Standard Stoker Company, Incorporated, a corporation of Delaware
Application September 30, 1931, Serial No. 566,015
4 Claims. (Cl. 110—101)

2. In combination with a furnace having a firing opening, a distributor head provided with jet openings directed over the fire in the furnace, a supply line for delivering pressure fluid to said distributor head, a valve interposed in said supply line controlling the flow of fluid to said distributor head, a furnace door normally closing said firing opening, a mechanically operated valve responsive to opening and closing of said furnace door, a passage supplying pressure fluid



through said mechanically operated valve for closing said first named valve in response to closing of said furnace door, means to open said first named valve in response to the closing of the mechanically operated valve, and a needle valve in said passage for controlling the flow of pressure fluid therethrough thereby closing said first named valve a predetermined period of time after said furnace door is in a closed position.

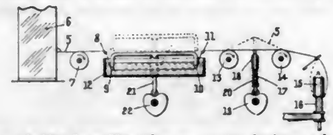
2,064,278
APPARATUS FOR EXTINGUISHING FIRES
Wilhelm Tappe, Bucharest, Rumania
Application October 15, 1934, Serial No. 748,288
In Rumania October 17, 1933
7 Claims. (Cl. 169—25)



1. An apparatus for extinguishing fires by means of foam forming substances comprising a tube of fireproof material, said tube being adapted to be elongated, a jack adapted to be swung around a horizontal and around a vertical axis, means for elongating said tube and means for staying said tube, the rear end of said tube and said elongating and said staying means mounted on said jack, a mouth-piece at the front end of said tube, an aperture in the side wall of said tube near its rear end, a hose inserted into said tube through said aperture, and being connected with its one end to said mouth-piece within said tube whereby the entire length of the hose from said aperture to said mouth-piece is protected by said tube.

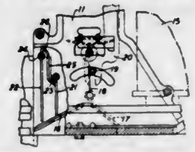
2,064,279
ARTIFICIAL TEXTILE MATERIAL
William Ivan Taylor and John William Grebby, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application November 13, 1931, Serial No. 574,851
In Great Britain January 1, 1931
15 Claims. (Cl. 18—54)

1. Process for the production of artificial filaments, yarns, or threads which comprises applying a softening agent and tension to a set filament, yarn, or thread in such a manner that the combined action of the softening agent and



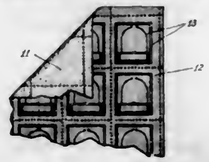
tension falls locally thereon to bring about an intermittent variation in the denier of the material.

2,064,280
COIN COLLECTING APPARATUS
Clyde H. Wheeler, Midland Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 17, 1935, Serial No. 21,932
3 Claims. (Cl. 194—97)



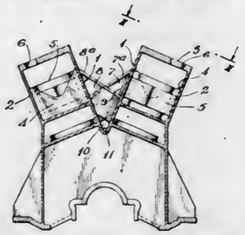
1. In a coin collector housing, a collect chute, a refund chute, means for guiding a deposited coin at times into said collect chute and at other times into said refund chute, said refund chute leading to a refund opening in said housing, a pivoted shutter in said refund chute between said means and said opening, a second pivoted shutter between said means and said first shutter, said second shutter being pivoted upon an axis lying in a horizontal plane below the horizontal plane containing the pivoting axis of said first shutter, a downwardly projecting lug on said first shutter, and an upwardly projecting lug on said second shutter arranged to engage said first lug when pressure is applied to move said first shutter outwardly towards said opening when said second shutter is in its normal unactuated position, said second lug being out of the path of said first lug when said second shutter is moved outwardly from its normal unactuated position.

2,064,281
SAFETY REVENUE, POSTAGE, AND LIKE STAMPS
Arthur A. Wittnebel, New Rochelle, N. Y., assignor to American Bank Note Company, New York, N. Y., a corporation of New York
Application January 30, 1935, Serial No. 4,131
9 Claims. (Cl. 91—67.95)



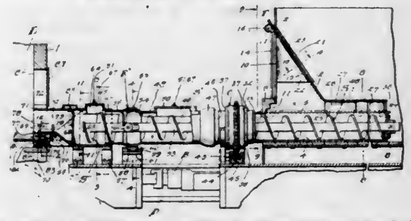
1. Safety revenue, postage and like stamps consisting of a sheet of paper, one surface of which is adapted to receive an adhesive, a finishing coating containing coloring matter upon the other surface thereof, and having a design indicating the value of the stamp impressed upon said coating, said design being in an ink containing a water insoluble pigment, water soluble coloring matter and a bodied plate oil vehicle all of such character and in such amounts that the stamp is protected from ordinary moisture and temporary wetting, but upon soaking, the water soluble die is dispersed over the stamp to stain it without destroying the design.

2,064,282
V-TYPE ENGINE FRAME
George J. Wohanka, St. Louis, Mo., assignor to Busch-Sulzer Bros.-Diesel Engine Company, St. Louis, Mo., a corporation of Missouri
Application June 15, 1935, Serial No. 26,730
8 Claims. (Cl. 121—194)



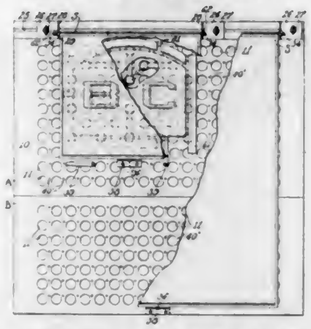
1. A frame for V-type combustion engines comprising angularly-related cylinder blocks forming a trough between them, each having continuous longitudinal walls bounding said trough, and a series of vertical cross plates in the trough uniting said longitudinal walls, said cross plates being respectively secured to said walls for a considerable portion of their height, and forming therewith a girder structure extending the length of the engine.

2,064,283
LOCOMOTIVE STOKER
William N. Wright, Washington, D. C., assignor to The Standard Stoker Company, Incorporated, a corporation of Delaware
Application July 10, 1934, Serial No. 734,557
6 Claims. (Cl. 105—234)



1. In combination with a locomotive and its tender, said tender having a front wall, a conduit extending from within the tender and through the front wall thereof to the fire box of the locomotive, the portion of the conduit within the tender having its upper portion open, the front wall of the tender having an opening above the conduit, a door, means for supporting the door exteriorly of the tender for closing the opening in the wall, means for maintaining the door in a downwardly inclined position within the tender from the upper portion of the opening in the front wall, said door when in such inclined position serving to hold back the fuel in the tender to permit access through the opening of the front wall of the tender to the portion of the conduit within the tender adjacent to said front wall, and means for moving the door into either of its two positions.

2,064,284
PROCESS OF PIGMENTING SURFACES AND APPARATUS THEREFOR
Charles A. Wulf, Indianapolis, Ind., assignor to The Ceramic Process Company, Beaver Falls, Pa., a corporation of Pennsylvania
Application February 1, 1934, Serial No. 709,312
7 Claims. (Cl. 101—126)



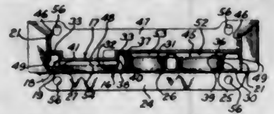
1. In combination, a table, a laterally distortable stenciling screen, means on said table and cooperable with said screen to guide one edge of said screen in a path substantially perpendicular to the surface of said table, means normally resiliently biasing said edge of said screen progressively away from the plane of said table, and means supporting the other end of the screen spaced from the table a distance slightly greater than the thickness of material to be stenciled but within the vertical distortion range of the patterned portion of the stencil.

2,064,285
LEATHER CLEANING COMPOSITION
Wallace J. Yates, Martinez, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application November 5, 1934, Serial No. 751,577
2 Claims. (Cl. 87—5)

1. The process of preparing an improved leather cleaning composition comprising subjecting a substantially pure commercial oleic acid, which contains combined iron in a concentration sufficient to cause the discoloration of leather cleaned with a cleanser containing a dry-cleaning soap of said acid, to the chemical action of tannic acid under conditions to form iron tannate and to reduce the concentration of iron in said oleic acid to less than .001%, separating the treated oleic acid containing less than .001% iron from the iron tannate, saponifying the separated oleic acid to form a dry-cleaning soap, and mixing said soap with a dry-cleaning solvent.

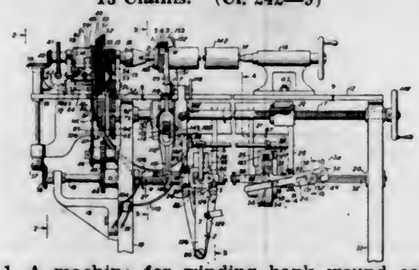
2,064,286
COIN GAUGE
Charles F. Barothy, Hinsdale, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application December 11, 1935, Serial No. 53,947
5 Claims. (Cl. 194—102)

1. A coin gauge comprising united front, rear and center sections punched and formed from sheet metal, said front section having a coin receiving and diameter gauging aperture, said center section abutting said rear section and having an embossment formed thereon provided with an aperture substantially concentric with the aperture in said front section, the opposed spaced faces of the rear section and that of the embossment on said center section forming a channel of predetermined depth communi-



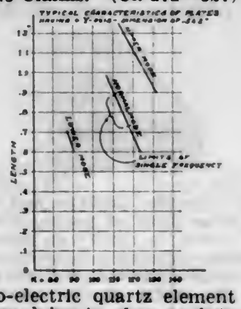
cating by means of the aperture in the embossment with the coin diameter gauging aperture for gauging the thickness of coins passing thereinto.

2,064,287
COIL WINDING MACHINE
Carl A. Bieling, Elizabeth, N. J., and Charles D. Richard, West New Brighton, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 3, 1934, Serial No. 723,690
13 Claims. (Cl. 242—9)



1. A machine for winding bank wound coils comprising a core, means for rotating the core, a lead screw, a carriage movable in a line parallel to the core and actuated by said screw, a gearing mechanism and a magnetically operable clutching device for controlling the operation of said screw, a yoke pivotally mounted on said carriage and having means for engaging the wire and a plurality of independently operable camming devices for imparting a series of non-uniform reverting movements to said yoke in timed relation with respect to the movement of said carriage for guiding the wire on the core.

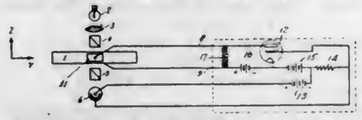
2,064,288
QUARTZ PIEZO-ELECTRIC ELEMENT
Samuel A. Bokovoy, Audubon, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application May 31, 1934, Serial No. 728,377
13 Claims. (Cl. 171—327)



1. A piezo-electric quartz element having its electrode faces lying in planes substantially parallel to the Y- and Z-axes, and having its length

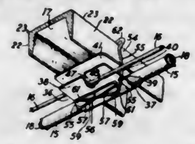
and width so proportioned to one another that it will oscillate at one only of several width-modes normally possible when a random relation exists between length and width.

2,064,289
FREQUENCY CONTROL SYSTEM
Walter G. Cady, Middletown, Conn., assignor to Radio Corporation of America, a corporation of Delaware
Application September 22, 1930, Serial No. 483,623
16 Claims. (Cl. 250—36)



13. An oscillation generator comprising, in combination, a source of light rays, a photosensitive cell under control of said light rays, and an electrostatic light valve interposed between said source of light rays and said photosensitive cell, said light valve being under control of said photo-sensitive cell.

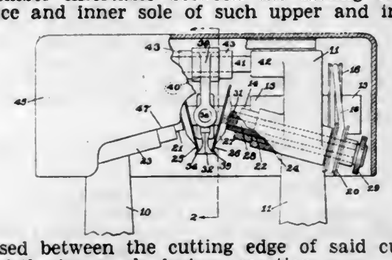
2,064,290
SUPPORT FOR WIRES
Thaddeus C. Campbell, Rutherford, Clyde H. Wheeler, Midland Park, and Heyward W. Bowly, Summit, N. J.; said Campbell and said Wheeler assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York, and said Bowly, assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application March 23, 1934, Serial No. 717,090
5 Claims. (Cl. 248—72)



5. A support for wires comprising a folded strip of resilient material adapted to be clamped flatwise against a beam, freely movable portions of said folded strip extending from the point of fold in parallel spaced relation to each other, a wire clip to clamp said folded strip flatwise against the beam, spaced leg portions of said wire clip extending through aligned notches formed in edges of said freely movable portions, hooked free ends on said leg portions adapted to engage the beam, and a compressible loop spring portion connecting said spaced leg portions of said wire clip and bearing against one of said freely movable portions of said folded strip.

2,064,291
TRIMMING MACHINE
William Carpenter Card, Jr., Winthrop, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y., a corporation of Delaware
Application July 15, 1932, Serial No. 622,587
21 Claims. (Cl. 12—83.5)

1. A trimmer for removing excess lasting allowance from a lasted upper, comprising a rotary disk cutter mounted to cut through such lasting allowance in a plane intersecting that of the bottom of the upper, and an opposed guard member insertable between the lasting allowance and inner sole of such upper and inter-

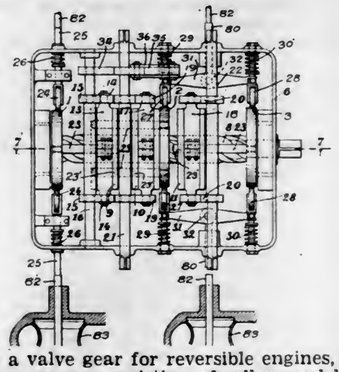


posed between the cutting edge of said cutter and the inner sole during operation.

2,064,292
COMPOSITION OF MATTER
William Hale Charch, Buffalo, N. Y., assignor by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 18, 1934, Serial No. 707,112
18 Claims. (Cl. 134—79)

1. A composition of matter comprising a cellulose derivative of the type which is soluble in benzene or toluene alone or in either of said solvents when admixed with not more than 10% by volume of an oxygen-containing solvent, a waxy substance, a plasticizer containing no oxygen and a solvent in which the ingredients are soluble, the ingredients being present in such amounts as to deposit a glossy, transparent and heat-sealable film upon evaporation of the solvent at a temperature substantially below the melting point of the waxy substance in the composition.

2,064,293
ENGINE VALVE GEAR
Léon René Camille Cossart, Paris, France
Application September 7, 1932, Serial No. 631,957
In France September 23, 1931
5 Claims. (Cl. 121—127)



1. In a valve gear for reversible engines, valve actuating means consisting of rollers and levers, a cam shaft, three cams mounted on said camshaft, angularly movable thereon and actuating the respective valves by means of said valve actuating means, one of these cams (exhaust) controlling the exhaust valve, the second cam (admission) controlling the opening of the admission for both directions of running, and the third cam (expansion) controlling the cut off of the admission, whatever the direction of running may be, said valve actuating means for the admission

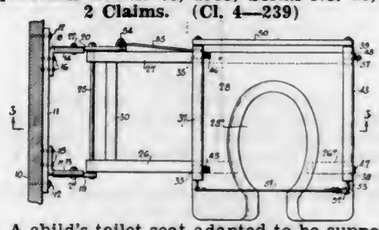
valve being responsive to the combined action of the admission and expansion cams, means for the control of the variation of the admission period by displacing solely the expansion cam whatever the direction of running may be and means providing for the reversal in directions of running by simultaneously displacing the admission and exhaust cams.

2,064,294

JUVENILE TOILET SEAT

James S. Cothran, Charlotte, N. C.

Application March 26, 1935, Serial No. 13,082
2 Claims. (Cl. 4—239)



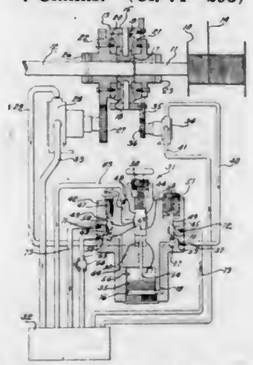
1. A child's toilet seat adapted to be supported by the conventional toilet seat when in use, comprising a seat member, a pair of arms pivotally secured to the seat member, a back portion pivotally secured to each of the arms, a pair of brackets secured to the wall of the room in which the toilet seat is located, means pivotally securing one end of the seat portion to the said brackets, a link having one end pivotally secured to one of said arms and having its other end pivotally secured to one of said brackets at a point between the pivot point of the seat and the arms so that when the child's toilet seat is raised to approximately vertical position, the link will cause the arms to occupy a folded position parallel to the child's seat portion.

2,064,295

POWER TRANSMISSION MECHANISM

Edward J. Crane, Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application December 10, 1930, Serial No. 501,219
7 Claims. (Cl. 74—293)



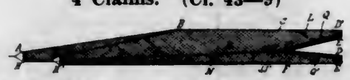
1. In a power transmission mechanism, a driving shaft, a driven work performing member, a differential gear train interconnecting said shaft and member, a pressure fluid system including a fluid pump driven from said train at a speed variable in accordance with changes in the operating conditions of the driven member, and means connected to the outlet side of said pump for continuously throttling the flow therefrom and responsive to the pressure of the fluid delivered by the pump for varying the pressure against which the pump works and thereby the power transmitted from said driving shaft through the train to the driven member for maintaining a desired operating condition of the driven member.

2,064,296

UPWARDLY SWELLING FISHING NET

Oscar Dahl and William Forsyth Black, La Rochelle, France

Application October 25, 1934, Serial No. 749,893
In France March 23, 1934
4 Claims. (Cl. 43—9)



1. A bellyless upwardly swelling net comprising a covering sheet and separate upper and lower rear portions, connected with said covering sheet and having no common wall throughout substantially their entire length, each ending in a rear pocket.

2,064,297

HYDROXY ALKOXY DERIVATIVES OF 2-PHENYLQUINOLINE-4-CARBOXYLIC ACID AND METHOD OF MAKING SAME

Paul Diedrich, Finkenkrug, Germany, assignor to Schering-Kahlbaum A. G., Berlin, Germany

No Drawing. Application February 20, 1934, Serial No. 712,254. In Germany February 22, 1933
11 Claims. (Cl. 260—39)

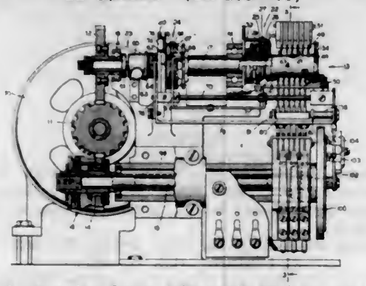
1. Hydroxy alkoxy derivatives of the 2-phenyl quinoline-4-carboxylic acid, said derivatives, exhibiting considerably less toxicity than the hydroxy-2-phenyl quinoline-4-carboxylic acids themselves, but being of about the same therapeutical value as the latter, and representing crystalline light-yellow to light-brown powders which are soluble in water and alcohol.

2,064,298

REGENERATIVE REPEATER

Robert F. Dirkes, Jamaica, N. Y., and Vernon R. Kimball, Palisades Park, N. J., assignors to The Western Union Telegraph Company, New York, N. Y., a corporation of New York

Application December 20, 1930, Serial No. 503,812
11 Claims. (Cl. 178—70)



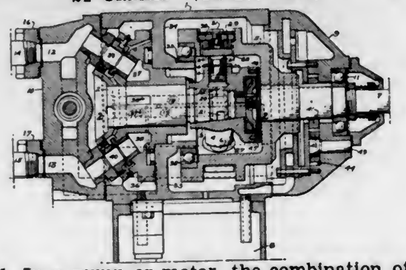
3. A repeater for a telegraph system comprising a selecting mechanism responsive to groups of signals to set up received code combinations, a rotary transmitter, a storage device and means for transferring in one operation each complete received code combination to said storage device, the storage device setting up said code combination on the rotary transmitter, and means acting upon completion of said transfer for setting the rotary transmitter into operation to retransmit the code combination, said selecting mechanism being independent of said storage mechanism after said transfer has been effected, whereby the selecting mechanism is free to respond to succeeding groups of signals during the period of retransmission of the preceding group of signals.

2,064,299

PUMP OR MOTOR

Walter Ferris and James K. Douglas, Milwaukee, Wis., assignors to The Oilgear Company, Milwaukee, Wis., a corporation of Wisconsin

Application August 9, 1933, Serial No. 684,309
21 Claims. (Cl. 103—161)



1. In a pump or motor, the combination of a tapered pintle, a cylinder barrel journaled upon said pintle, a fluid motor for urging said cylinder barrel toward the large end of said pintle and means for energizing said motor by directing thereto liquid which escapes from between said cylinder barrel and said pintle.

2,064,300

MANUFACTURE OF ARTIFICIAL THREAD

John S. Fonda, Buffalo, and George W. Filson, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application August 5, 1933, Serial No. 683,896
9 Claims. (Cl. 8—2)

1. A method which comprises treating a compact package of yarn produced from viscose with chlorine water containing 0.0003% to 0.01% chlorine and having a pH of approximately 6.0 to 8.0 without appreciably swelling the yarn, whereby the chlorine water penetrates through the package and a substantially uniform bleaching of the yarn is secured.

2,064,301

METHOD OF PRODUCING A BRONZE FINISH ON COPPER AND COPPER ALLOYS

John R. Freeman, Jr., Cheshire, and Rollo L. Hungerford, Waterbury, Conn., assignors to The American Brass Company, Waterbury, Conn., a corporation of Connecticut

No Drawing. Application November 10, 1934, Serial No. 752,476
4 Claims. (Cl. 148—6)

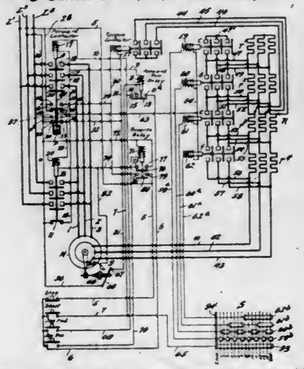
1. A method of producing a weathered bronze coating or finish on articles of copper and copper alloys which comprises immersing the article in a hot concentrated solution of predominantly copper nitrate to form on the metal a surface film of copper oxide under copper salts, washing in hot water to loosen the copper salts, drying, and then buffing the surface in such manner as to remove the salts and impart to the oxide film a weathered bronze appearance.

2,064,302

SPEED CONTROL FOR ELECTRIC MOTORS

Joseph F. Frese, Baltimore, Md., assignor to Monitor Controller Company, Baltimore, Md., a corporation of Maryland

Application February 25, 1935, Serial No. 8,194
5 Claims. (Cl. 172—289)



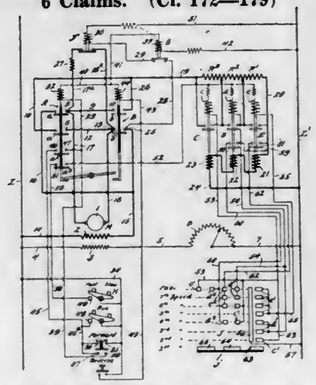
1. The combination with an alternating current motor, a starting and regulating resistance in the rotor circuit thereof, and a current supply circuit, of a main contactor for connecting the motor to the supply circuit, a torque contactor adapted, when closed, to cut out a part of said resistance, a plurality of speed controlling contactors, each adapted to cut out a section of said resistance, a circuit for the magnet of the torque contactor, a circuit for the magnets of the speed controlling contactors, means operated by the main contactor, in closing, for first closing the circuit to the torque contactor magnet and then closing the circuit to the magnets of the speed controlling contactors.

2,064,303

CONTROL SYSTEM FOR ELECTRIC MOTORS

Joseph F. Frese, Baltimore, Md., assignor to Monitor Controller Company, Baltimore, Md., a corporation of Maryland

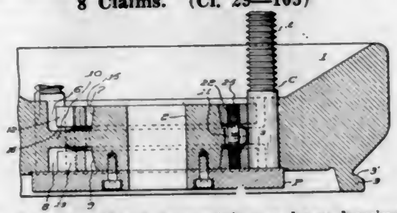
Application January 4, 1936, Serial No. 57,610
6 Claims. (Cl. 172—179)



2. In a control system for electric motors, a

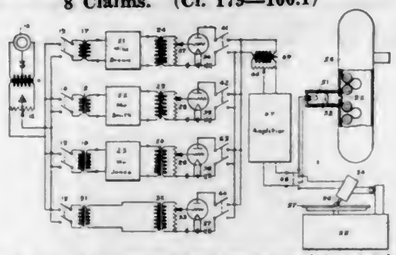
supply circuit, a motor, a resistance in the armature circuit of the motor, a plurality of normally open contactors for cutting out said resistance, each of said contactors having an energizing coil, a normally open main contactor for connecting the motor to the supply circuit, a circuit for connecting the energizing coils of said first mentioned contactors to one side of the supply circuit including two switches in series, one of said switches being controlled by the main contactor and the other switch being manually operable, and a pre-set speed controlling device for connecting said energizing coils in various groupings to the other side of the supply circuit.

2,064,304
CUTTER HEAD
Peter P-G. Hall, Philadelphia, Pa.
Application October 2, 1935, Serial No. 43,159
8 Claims. (Cl. 29—105)



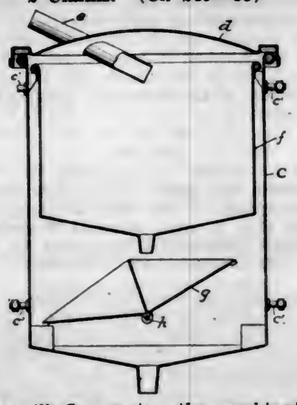
1. A cutter head comprising a base having a bore adapted to receive the cylindrical shank of a cutting element and means for securing said shank in the base comprising a pair of wedges spaced apart axially of the bore, each having an arcuate surface of radius conforming to the radius of the shank and the bore adapted for engagement with the shank when inserted therein and an inclined wedging face remote from said surface and cooperable with a correspondingly inclined surface on the base, and means for drawing the wedges together to thereby, through coaction of their inclined faces with said surfaces, cause them to move radially of the bore to force their arcuate surfaces against the shank.

2,064,305
EDITING FOR VOICE RECORDING
John Hays Hammond, Jr., Gloucester, Mass.
Application December 21, 1933, Serial No. 703,428
8 Claims. (Cl. 179—100.1)



1. A sound recording system comprising a pick-up device, an amplifier, a plurality of filter circuits, a series of switches for connecting said pick-up device to any one of said filter circuits, a second series of switches for connecting any one of said filter circuits to said amplifier, recording means for recording the output of said amplifier on a sound record, and means for simultaneously closing the corresponding switches of any filter circuit and at the same time opening any of the other switches which may be closed.

2,064,306
MILK DELIVERY REGISTERING MEANS
Cyrus Howard Hapgood, Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y., a corporation of New Jersey
Application March 16, 1933, Serial No. 661,075
2 Claims. (Cl. 249—35)



1. In a milk flow meter, the combination with a container, of supporting means for the container from which the container may be disengaged by lifting, a plural compartment milk receiver within the container adapted to swing to discharge milk from one compartment and position the other compartment to receive milk, a shaft turnable with the receiver, a second shaft, engaging coupling members on said shafts, an indicating device, and power means controllable from the second shaft to actuate the indicating device, said second shaft, indicating device, and power means being mounted upon the supporting means, and said coupling members being disengageable to allow the container to be lifted from its supporting means and thereby be disengaged from said power means and indicating device.

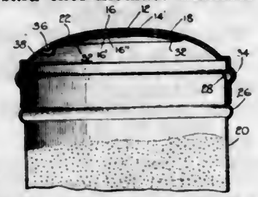
2,064,307
ZINC PLATING ANODE
George B. Hogaboom, New Britain, Conn., assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J., a corporation of New Jersey
No Drawing. Application February 29, 1936, Serial No. 66,447
8 Claims. (Cl. 204—4)

1. A zinc plating anode containing as a principal component zinc and in addition thereto a small percentage of nickel.

2,064,308
SHAKER TOP CAN
Arthur G. Hopkins, Maspeth, N. Y., assignor to National Can Company, a corporation of Delaware
Application March 7, 1935, Serial No. 9,713
8 Claims. (Cl. 221—64)

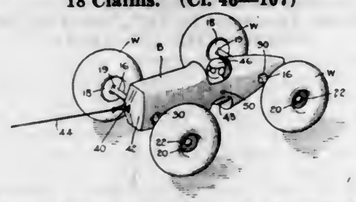
1. A shaker top can comprising a can body closed at one end by three superposed perforated members, the perforations being so located as to be in registration in at least one position of the members, one of said members being fixed, a second being movable relative thereto, and the third being interposed between said fixed and movable members and being made of resilient sheet metal so shaped as to constantly exert a

sealing pressure between the first and second members, said intermediate member being im-



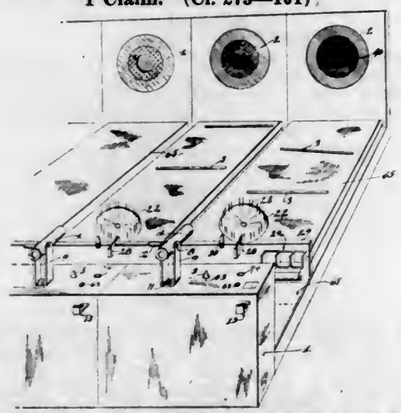
movable relative to one of said other members, whereby the perforations of the immovably related members remain in alignment.

2,064,309
TOY VEHICLE
Raymond Lohr, Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y., a corporation of New York
Application February 14, 1936, Serial No. 63,880
18 Claims. (Cl. 46—107)



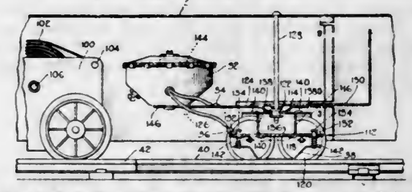
1. A toy vehicle comprising a compact slender vehicle body resembling a racing automobile, said body being symmetrical with respect to its longitudinal axis, axles projecting sidewardly for a substantial distance near the front and rear ends thereof midway between the top and bottom of the vehicle body, and relatively large-diameter wheels made wholly of soft rubber mounted at the ends of said axles, said wheels resembling enormously oversize inflated balloon or airplane tires and being so dimensioned and located with respect to the body that the top, bottom, and ends of the body are all located within planes connecting the peripheries of the wheels.

2,064,310
AMUSEMENT APPARATUS
Mitchell M. Marker, Brooklyn, N. Y.
Application August 28, 1930, Serial No. 478,408
1 Claim. (Cl. 273—101)



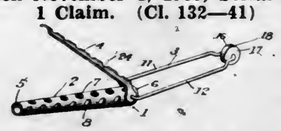
An amusement apparatus comprising, in combination, a target having a movable portion, an object adapted to be projected at said target, a prize determining device adapted to indicate any one of various prizes, a motor for operating said device, an electrical circuit adapted to be closed when said target is moved as by being hit by said object thereby to cause operation of said motor, and means for restoring said movable target portion to its normal position and for simultaneously opening said circuit so as to discontinue the actuation of said motor and device which is thereafter adapted to be brought to a stop to indicate any one of various prizes.

2,064,311
SIGNAL SYSTEM FOR TOY RAILROAD TRAINS
Louis Marx, New York, N. Y.
Application August 21, 1935, Serial No. 37,129
9 Claims. (Cl. 46—216)



1. A signal system for toy trains, comprising a toy railroad track, a train operating thereon, said train having a spring driving motor, a noise making warning signal for warning outsiders of the approach of the train, said signal being mounted in said train, a stationary trackside remote control device manually operable to energize said signal, and means interconnecting said remote control device, said track, and the warning signal in said train during the operation of the train, whereby the signal may be operated whenever desired and regardless of the point of location of the train on the track.

2,064,312
CURLER
Ross M. McFadden, Glendale, Calif.
Application November 4, 1935, Serial No. 48,147
1 Claim. (Cl. 132—41)

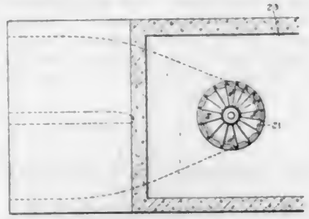


A curler including a tubular body, a wire clamp hinged to one end of said tubular body, a disc roller carried by said clamp adapted to latch said clamp to said tubular body when the said clamp parallels the axis of said body, said clamp being bent to provide two spaced-apart parallel portions and an interconnecting portion, said disc roller carried on said interconnecting portion and interposed between said parallel portions to maintain said disc roller in a defined position relative to the clamp.

2,064,313
HYDRAULIC POWER APPARATUS
Lewis Ferry Moody, Princeton, N. J.
Application November 22, 1933, Serial No. 699,229
18 Claims. (Cl. 253—118)

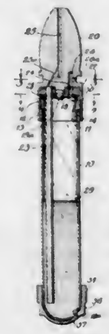
1. In a rotary hydraulic machine having a runner, a circumferentially arranged set of guide vanes on the inlet side of the runner disposed so as to direct and control the distribution of flow

to said runner, and a laterally curved discharge passage receiving the flow from said runner for deflecting the axial components of the flow into a lateral direction with respect to the axis of runner rotation at a point relatively near said



runner, said guide vanes being arranged with progressively varying angles and openings whereby larger openings are provided between successive vanes on one side of the runner axis than at a diametrically opposite point on the opposite side of said axis.

2,064,314
INHALER
Louis H. Morin, New York, N. Y., assignor, by mesne assignments, to S. Sternau & Co., Inc., New York, N. Y., a corporation of New York
Application December 28, 1933, Serial No. 704,226
7 Claims. (Cl. 128—200)

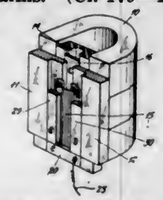


7. A nasal applicator comprising a container having a single enclosed chamber for fluid medicament, separate conduits communicating with the interior of said chamber, one of said conduits being extended downwardly into the interior of said chamber below the normal level of fluid therein, a nozzle head rotatably mounted on said container and having a dispensing passage and an air vent passage extending therethrough, said dispensing passage being registered with said extended conduit and said air vent passage being registered with another of said conduits in one relative position of said head and container whereby fluid is forced through said dispensing passage upon application of suction thereto, and said air vent passage being registered with said extended conduit and said dispensing passage being registered with another of said conduits in a second relative position of said head and container whereby air is forced through said fluid and thence through said dispensing passage in a vapor-laden state upon application of suction of such dispensing passage.

2,064,315
PREPARATION OF THIAZTHIONIUM CHLORIDES
Wendell P. Munro, Bound Brook, and Hans Z. Lecher, Plainfield, N. J., assignors to The Calco Chemical Company, Inc., Bound Brook, N. J., a corporation of Delaware
No Drawing. Application June 20, 1935, Serial No. 27,536
12 Claims. (Cl. 260—44)

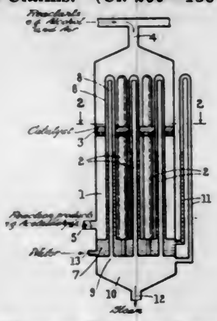
1. A method of preparing thiazthionium chlorides which comprises reacting a primary aromatic amine having at least one hydrogen ortho to the amino group, with thionyl chloride and causing the resulting product to react with sulfur monochloride, the thionyl chloride and sulfur monochloride being present in amounts equal to at least 1 mol. for each mol. of the amine.

2,064,316
ELECTROACOUSTIC DEVICE
Harry F. Olson and Frank Massa, Collingswood, N. J., assignors to Radio Corporation of America, a corporation of Delaware
Application December 14, 1932, Serial No. 647,132
6 Claims. (Cl. 179—115.5)



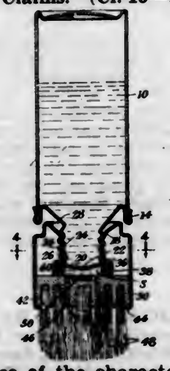
1. An electro-acoustic device including means for producing a magnetic field, an insulating support impervious to air mounted in said field and provided with a central aperture, a stiffness controlled diaphragm arranged on said support to cover said aperture, and electrical leads connected to said diaphragm.

2,064,317
PROCESS FOR PERFORMING CHEMICAL REACTIONS
Horace Finningley Oxley and Walter Henry Groombridge, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application September 17, 1932, Serial No. 633,564
In Great Britain September 24, 1931
24 Claims. (Cl. 260—138)



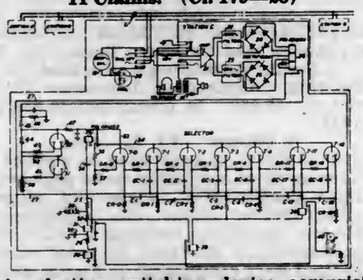
1. Method of controlling exothermic reactions carried out in the vapor phase, which comprises supplying a vaporizable liquid to a zone in proximity to, but separated from the reaction zone and forming a climbing film of said liquid in heat exchange relationship with the reaction zone.

2,064,318
FOUNTAIN BRUSH
Stephen A. Platt, Decatur, Ill., assignor to U. S. Manufacturing Corporation, Decatur, Ill., a corporation of Illinois
Application March 6, 1935, Serial No. 9,540
14 Claims. (Cl. 15—133)



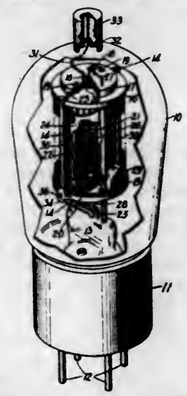
1. In a device of the character described, including, in combination, a receptacle having a tubular neck with its free end closed by a web which is coned outwardly, said neck being formed with screw threads and with a smooth portion between said threaded portion and the closed end of the neck, a cap for said neck having a top comprising a bristle-supporting block of a brush and whose skirt is a tubular member, the bore of which skirt being formed with screw threads to engage said threaded neck and being further formed with an annular recess which is open towards the top and which contains a length of packing material located adjacent the smooth portion of the neck when the cap is screwed on the neck, the aforesaid brush-block and tubular skirt being separate members secured together so that the aforesaid packing is compressed endwise and expanded laterally between the bottom of its recess and the underside of said block to bear against the smooth portion of the neck, the aforesaid conical neck-closing web having a hole through its apex closed by contact with the underside of the brush-block when the cap is screwed on the neck, and said brush-block having holes leading through it from the space within the packing to the brush bristles projecting from the outer face of the block.

2,064,319
SIGNALING SYSTEM
Harold M. Pruden, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 26, 1935, Serial No. 28,407
11 Claims. (Cl. 179—28)



1. A selective switching device comprising a plurality of ionic tubes, signal receiving means for response to signal impulses corresponding to a plurality of digits, a signaling circuit, and control means whereby the tubes are operated successively to close said signaling circuit only if the operative response of said impulse receiving means corresponds to one particular combination of digits.

2,064,320
ELECTRON DISCHARGE DEVICE
Victor L. Ronci, Brooklyn, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application February 27, 1930, Serial No. 431,670
9 Claims. (Cl. 250—27.5)



1. An electron discharge device comprising a container, a plurality of electrodes supported therein, a pair of supporting members extending lengthwise of said container, and a metallic cage structure completely enclosing said electrodes, and comprising two spaced annular dish shaped members mounted on said supporting members, a single pair of rods extending between said dish-shaped members and attached thereto, and a wire screen mounted on said rods and seated within said dish-shaped members.

2,064,321
PACKAGE
Charles Rossum, Brooklyn, N. Y., assignor to Continental Folding Paper Box Co., Inc., Ridgefield, N. J., a corporation of New York
Application December 27, 1935, Serial No. 56,307
1 Claim. (Cl. 229—28)



In a carton having side walls, end walls a bottom and a cover the combination of a platform comprising a single sheet of resilient material folded to provide an upper floor and a lower floor spaced from each other by a vertical wall on one end and a vertical wall on the other end, the latter wall being formed by overlapping a flange depending downwardly from said upper floor and a flange projecting upwardly from the lower floor, the height of said vertical walls being equal to the spacing between said floors, side flanges extending downwardly from each of said floors and overlapping each other to support said platform on the bottom of said carton, said floors being in superimposed relation and each being provided with vertically aligned openings to support an article the diameter of which intermediate said

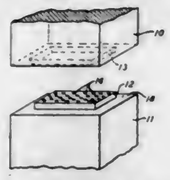
floors being greater than the diameter of either of said openings whereby to resiliently support said article between said floors.

2,064,322

METHOD OF SURFACE FINISHING ARTICLES

Ladis W. Ruppert, Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application October 11, 1933, Serial No. 693,123
2 Claims. (Cl. 41—24)



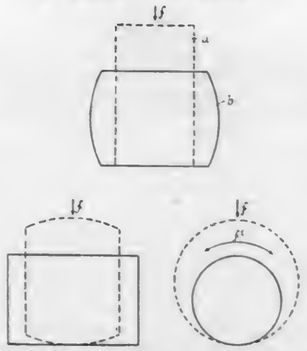
2. A method of treating the surface of a malleable article to produce thereon a simulation of a hand hammered finish which comprises the steps of simultaneously impressing a regularly arranged plurality of indentations into a portion of the surface of the article and subsequently impressing a second identically arranged plurality of indentations into a part of the same portion of the surface of the article, the second plurality of indentations as a whole being irregularly positioned at haphazard with respect to the first plurality whereby an ornamental surface finish is produced on the article having the irregular appearance of a hand hammered finish.

2,064,323

PROCESS OF FORGING MAGNESIUM AND HIGH PERCENTAGE MAGNESIUM ALLOYS

Walter Schmidt and Hubert Altwicker, Bitterfeld, Germany, assignors, by mesne assignments, to Magnesium Development Corporation, a corporation of Delaware

Application July 29, 1931, Serial No. 553,822
In Germany August 16, 1930
8 Claims. (Cl. 78—12)



3. As a new article of manufacture, a forged blank of metal, in which magnesium largely predominates, having the substantially unoriented crystal grain structure throughout characterizing magnesium which has been compressed to flow the metal radially outward and thereafter subjected to pressure substantially parallel to the directions of metal flow in the initial compressing operation, said blank by virtue of the unoriented crystal structure being further characterized by a resistance to mechanical stresses substantially equal in all directions.

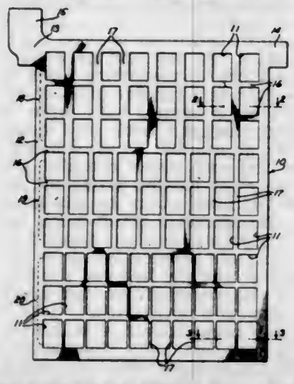
6. A process of forging magnesium and high percentage magnesium alloys in stages which comprises subjecting a billet to forging stages in which the billet is compressed so as to produce flow of the metal at substantially right angles to the compressive forces, and in a direction to produce the shape desired, and interposing between said forging stages intermediate forging stages in which pressure is applied to the deformed billet substantially parallel to the direction of metal flow in the first-named forging stages, the deformation produced by said intermediate forging stages compensating for the major part of the deformation produced in the said first-named forging stages, the final stage of deformation being effected at the lowest temperature compatible with plastic deformation.

2,064,324

ELECTRIC STORAGE BATTERY

Frank J. Schnaubelt, La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application March 13, 1935, Serial No. 10,752
3 Claims. (Cl. 136—38)



1. A storage battery grid having a plurality of horizontal rows of similar size apertures, the apertures of each individual row being similarly spaced from each other and the apertures of the upper rows being spaced farther apart than those of the lower rows so that more material of the grid is provided in a horizontal direction between the apertures in the upper portion of the grid than in the lower portion thereof.

2,064,325

PROTECTION OF METALLIC SURFACES

Hubert Sutton and Laurence Francis Le Brocq, South Farnborough, England

No Drawing. Application December 18, 1935, Serial No. 55,066. In Great Britain December 3, 1934
2 Claims. (Cl. 23—240)

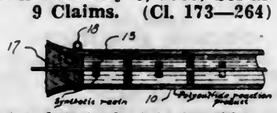
1. The method of protecting a surface of a container made of corrodible metal selected from the group consisting of magnesium, aluminum and alloys thereof against the corrosive effects of fuels and lubricants comprising liquid hydrocarbon comprising inserting into said container a preformed body comprising a chromic acid salt, so as to maintain contact between said salt and the liquid hydrocarbon containing substance.

2,064,326

OIL-FILLED HIGH VOLTAGE CABLE

Chester Tietig, Covington, Ky., assignor to Kelley-Koett Mfg. Co., Covington, Ky., a corporation of Ohio

Application February 6, 1933, Serial No. 655,458
9 Claims. (Cl. 173—264)



1. An insulated electrical cable comprising a central metallic conducting wire, insulating oil surrounding said wire, an oil proof rubber substitute tube surrounding said insulating oil and wire and a plurality of beads of high dielectric strength material on said wire at spaced intervals, said beads being arranged to center the wire inside the rubber tube, to support the walls of the tube and to offer little resistance to the circulation of oil in the tube.

2,064,327

COMPOSITE CONSTRUCTION MATERIAL

Charles A. Upson, Lockport, N. Y., assignor to The Upson Company, Lockport, N. Y., a corporation of New York

Application March 27, 1931, Serial No. 525,792
Renewed October 21, 1935
3 Claims. (Cl. 154—44)



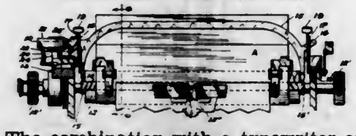
1. A composite construction material comprising a layer of relatively strong and rigid fiber board to give stiffness to the composite material, a layer of felt paper attached to said fiber board, and a layer of cotton batting attached to said felt paper.

2,064,328

CARBON COPIER

Frederick W. Vollans, Orillia, Ontario, Canada, assignor to Frank Frederic Barber, Toronto, Ontario, Canada

Application February 23, 1934, Serial No. 712,592
18 Claims. (Cl. 197—126)



1. The combination with a typewriter carriage and a movable element thereof actuated in typing, of a holder for extending across the carriage, a carbon strip linearly carried by the holder, opposing brackets mounted on the carriage, elements associated with the brackets for loosely supporting the holder therein and guiding it in a vertical plane, and mechanism forming a connection between the holder and the aforesaid actuated element of the carriage to impart a shifting movement to the holder.

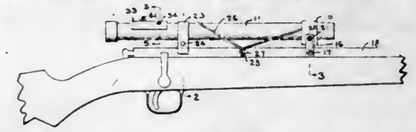
2,064,329

RIFLE TELESCOPE SIGHT

William R. Weaver, Fort Thomas, Ky.

Application July 18, 1934, Serial No. 735,859
6 Claims. (Cl. 33—50)

6. In a telescope sight for guns, a telescope, means between said telescope and gun for supporting and adjusting said telescope for windage and elevation, and a spring secured to said gun and extending over said telescope to urge said telescope and supporting and adjusting means toward



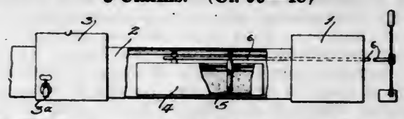
said gun and maintain said telescope and adjusting means in position on said gun.

2,064,330

PROCESS FOR PURIFYING AND AGING SPIRITUOUS LIQUORS

Lincoln A. Yocum, Wooster, Ohio

Application July 14, 1934, Serial No. 735,250
3 Claims. (Cl. 99—48)



1. The process for aging and purifying distilled alcoholic liquors, which consists in storing raw liquor in an open wooden container seated within a drum enclosure leading from an air heating chamber to a cooling chamber, the drum spaced apart from the container for a hot air passage over and around the container, maintaining an atmosphere at an even temperature constantly circulating around and within the container in the drum, to oxidize and eliminate the impurities therein and carry them off to the cooling chamber for condensation therein.

2,064,331

ARYLAMIDES OF FUROYL-ACETIC ACID

Frithjof Zwilgmeyer, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application July 18, 1935, Serial No. 31,998
14 Claims. (Cl. 260—54)

1. A process which comprises mixing and heating under reflux 20 parts of a saturated lower alkyl ester of furoyl-acetic acid and 20 parts of xylene, admixing during a half hour a solution containing 11.5 parts of para-phenetidine, 2 parts of pyridine, and 35 parts of xylene, boiling for about ten minutes, cooling, filtering, dissolving the precipitate in sodium hydroxide solution, acidifying, filtering, dissolving the filtrate in alcohol, recrystallizing, and drying.

2,064,332

ICE COLORS

Frithjof Zwilgmeyer, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application July 18, 1935, Serial No. 31,999
22 Claims. (Cl. 8—5)

3. The method of dyeing which comprises impregnating a material with an alkaline paste containing chloro-methyl-benzene-azo-carboxy-piperidine, 4-ethoxy-furoyl-acetanilide, ethyleneglycol-mono-ethyl-ether, a thickener, and water, and acidifying, washing, and drying the impregnated material.

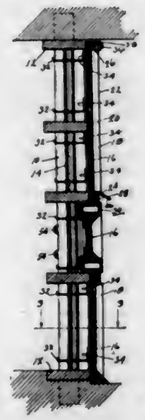
6. The method of making a dyestuff of yellow cast which comprises coupling a diazotized primary arylamine to a furoyl-acetyl-arylamide.

2,064,333
POCKETBOOK
David Ashkenas, Middletown, N. Y.
Application July 13, 1935, Serial No. 31,262
1 Claim. (Cl. 150—33)



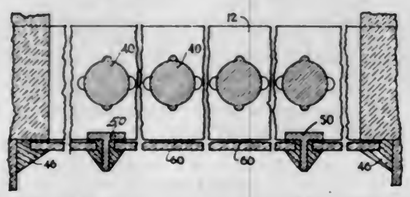
In a pocketbook, the combination with the back of the pocketbook, of a handle permanently secured thereto at both of its ends, an extension of said handle folded back onto the handle on the side remote from the back of the pocketbook to form a loop or keeper and having a separable fastener adapted to attach its free end to said handle, the distance between the separable fastener and the adjacent point of attachment of the handle to the back of the pocketbook being less than the length of the extension, whereby said loop or keeper is formed.

2,064,334
CLOSURE FOR DETENTION WINDOW-GUARD ASSEMBLIES
William D. Bayley, Springfield, Ohio, assignor to The William Bayley Company, Springfield, Ohio, a corporation of Ohio
Application November 4, 1935, Serial No. 48,176
10 Claims. (Cl. 189—64)



1. A window supported upon a detention guard having a plurality of parallel detention bars supported in fixed relation by transversely arranged rail bars, said window including a plurality of parallel T-shaped muntin bars arranged in aligned relation with respect to the detention bars to conceal the same, at least one of said muntin bars terminating at a ventilating area of the window, the T-bars having the flanges notched in which notches the margins of the rail bars are positioned, the stem of the T being notched adjacent one end, an angle bar extending along the side of the closure having a flange projecting into the notch in the end of the stem of the T-bar and a closure assembly positioned on the side of the detention bars opposite the muntin bars.

2,064,335
WINDOW ASSEMBLY
William D. Bayley, Springfield, Ohio, assignor to The William Bayley Company, Springfield, Ohio, a corporation of Ohio
Application January 13, 1936, Serial No. 58,915
30 Claims. (Cl. 189—64)



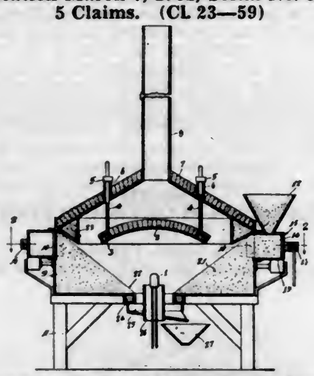
6. In a detention window assembly supported upon the detention guard extending across an opening in a wall, said guard including a plurality of detention bars held in spaced relation by transversely disposed rail bars, the combination including glazing strips mounted in aligned relation with respect to at least some of the detention bars, means attached to the detention bars disposed intermediate said detention bars and the glazing strips and bolts passing through the glazing strips threadedly engaging said means to hold the strips in position.

2,064,336
PLUG BACK TOOL FOR CEMENTING WELLS
Sidney Q. Bates, Houston, Tex.
Application September 20, 1935, Serial No. 41,263
9 Claims. (Cl. 166—21)



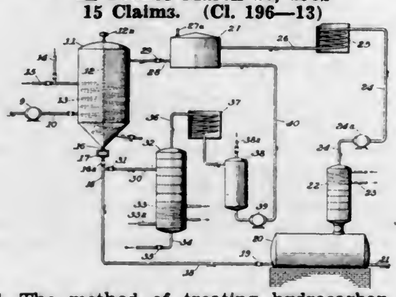
1. A device for setting cement well plugs including a cement bucket, releasable closure means to seal the lower end thereof, a fluid discharge pipe extending through said bucket and closure, a piston on said pipe above the cement in said bucket to force out cement, means to anchor said bucket at the desired point in the well, and means including said piston to force said closure and said cement from said bucket.

2,064,337
CRYSTALLINE ANHYDROUS BORAX
Leroy G. Black, Trona, Calif., assignor to American Potash & Chemical Corporation, Trona, Calif., a corporation of Delaware
Application March 7, 1931, Serial No. 520,969
5 Claims. (Cl. 23—59)



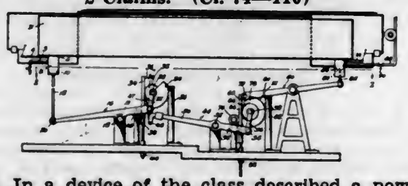
1. A new product consisting of anhydrous borax substantially all particles of which are present as crystals.

2,064,338
SOLVENT EXTRACTION OF OILS
Arthur B. Brown, Hammond, Ind., and Fred F. Diwoky, Chicago, Ill., assignors to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application March 22, 1933, Serial No. 662,134
In France March 23, 1932
15 Claims. (Cl. 196—13)



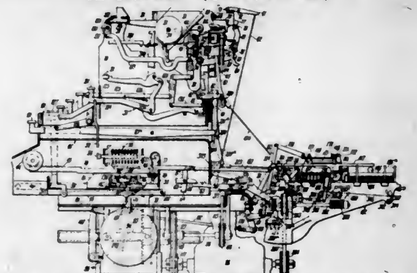
1. The method of treating hydrocarbon oils containing paraffinic and naphthenic compounds, which comprises extracting the unsaturated compounds from said oil with an organic solvent having the general formula $R—CO_2—R_1$ wherein R represents a trichlorinated aliphatic residue and R_1 represents a hydrogen atom or an alkyl radical.

2,064,339
POWER MECHANISM
Earl Thomas Croxdale, New York, N. Y.
Application August 10, 1935, Serial No. 35,659
2 Claims. (Cl. 74—110)



1. In a device of the class described a power transferring mechanism comprising the subcombination of a stationary rack element, a movable rack element, a sprocket mounted fixedly on a movable axle and engaging said stationary rack element, a second sprocket member mounted fixedly on said axle and engaging said movable rack element, a movable pulley element connected to the said axle and means for transferring movement from a lever element through said transferring mechanism to another lever element.

2,064,340
COMBINED TYPEWRITING, BOOKKEEPING, AND CARD-PERFORATING MACHINE
Frank K. Davis, Silver Spring, Md., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Original application July 8, 1927, Serial No. 204,249. Patent 1,864,714, dated June 28, 1932. Divided and this application December 7, 1929, Serial No. 414,298
71 Claims. (Cl. 164—112)

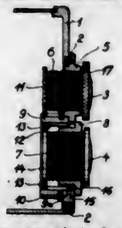


1. In a punching machine, the combination of a single set of keys for the digits 1 to 9 operable independently of one another, a group of digital-punching devices arranged in denominational order, means, including a denomination-selector, under the control of said keys for setting up said digital-punching devices seriatim in successive denominations for a card item-field having a plurality of denominations, a driving motor, a cycling mechanism driven by said motor, means controlled by said cycling mechanism for causing the punching of a field of the card under the control of the set-up punching devices, means for effecting relative field-travel between the card and the punches in the direction in which said denominations succeed one another, including a field-jumping carriage, and means for predetermining the fields to which the carriage will jump, carriage-returning means normally inoperative, means callable into action following the punching of said card in any field, for enabling said motor to return said field-jumping carriage, and means automatically becoming effective to limit the return stroke of said carriage, and cause it to settle at an initial field.

2,064,341
PHOTOGRAPHIC CAMERA
Hans C. Deckel, Solln, near Munich, Germany, assignor to Friedrich Deckel, Munich-Prinz Ludwigshohe, Germany
Application October 28, 1935, Serial No. 46,984
In Germany December 12, 1933
7 Claims. (Cl. 95—44)

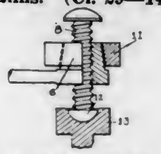
1. A photographic camera comprising a detachable and replaceable photographic lens, a finder lens, means for focusing each of said lenses, said means including screw threads, and interconnecting mechanism for operating the means for

focusing one of said lenses upon operation of the means for focusing the other of said lenses, at least a part of said interconnecting mechanism



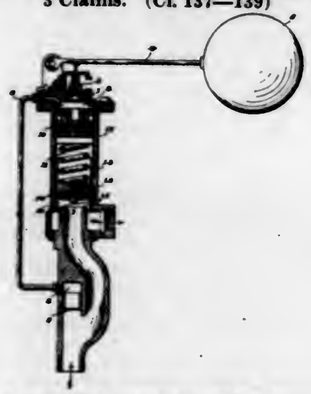
being permanently associated with and bodily detachable and replaceable with said photographic lens.

2,064,342
PROCESS OF ASSEMBLING THREADED ELEMENTS
August J. England, Providence, R. I.
Application February 12, 1935, Serial No. 6,208
4 Claims. (Cl. 29—148)



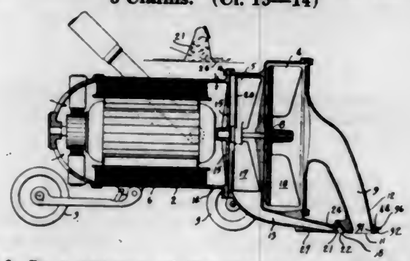
1. The method of producing an assembled, axially relatively adjustable, bolt and nut structure provided with free-running, meshed screw threads, comprising: providing a bolt with a unidirectional helical thread, slipping, upon the threaded bolt shank, a malleable nut blank having a preformed bore therethrough the diameter of which bore is as great as the overall diameter of said threaded bolt shank, and finally bodily constricting said blank, upon said unidirectionally threaded shank utilized as a die, to an extent sufficient to effect permanent inward distortion of the wall of said bore into complementary, snugly-meshed, free-running, screw-threaded engagement with said helically threaded bolt.

2,064,343
PRESSURE OPERATED VALVE STRUCTURE
Walter H. Finley and Charles H. Hamilton, Nashville, Tenn., assignors to Finley & Hamilton, Inc., Nashville, Tenn., a corporation of Tennessee
Application March 7, 1934, Serial No. 714,490
3 Claims. (Cl. 137—139)



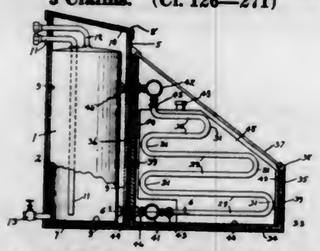
1. In a pressure operated valve structure, a pressure chamber, a pilot valve arranged to release pressure in said chamber, a fluid conduit, means forming a relatively narrow passage which affords communication between said fluid conduit and the chamber, said chamber including a cylinder and a plunger sealingly engaging the cylinder and adapted to be actuated in one direction by the fluid admitted to the chamber through said passage, a valve controlling the fluid in the conduit, and a spring operatively connecting the plunger and said latter valve, whereby upon release of pressure in the pressure chamber the recoil of the spring will break the adhesion between the plunger and the cylinder.

2,064,344
COMBINATION BLOWER AND SUCTION SWEEPER
Charles A. Good, Eureka, Calif.
Application August 25, 1933, Serial No. 686,731
5 Claims. (Cl. 15—14)



1. In a sweeper of the character described, an air suction nozzle arranged for movement over and to withdraw dust from a surface to be cleaned, and an air blower nozzle movable together with and in advance of said suction nozzle and having a discharge orifice above the intake orifice of said suction nozzle and opening downward adjacent the forward edge of said sweeper, a valve normally preventing discharge from said blower nozzle, and valve actuating means positioned at the front of said sweeper and operable on being moved against a wall or the like to open said valve and permit discharge of air from said nozzle downwardly into the corner defined between the wall and surface for movement of dust particles in the corner into the field of said suction nozzle.

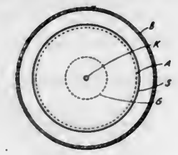
2,064,345
SOLAR HEATER
Harold Hodgson, Goshen, Ind.
Application December 12, 1934, Serial No. 757,147
3 Claims. (Cl. 126—271)



2. In a solar heater, the combination of a casing having a side transparent to solar radiation, a series of upright heating units arranged in a longitudinal series in said casing, each of said heating units comprising a plurality of parallel superimposed horizontally arranged connected

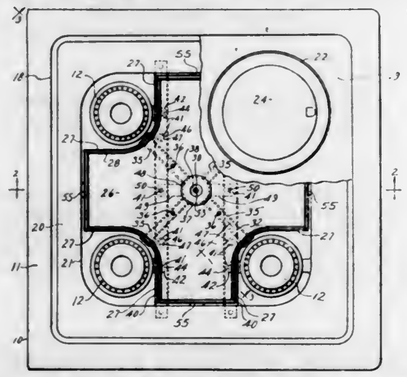
pipe sections gradually diminishing in length in successive order from the bottom to the top of the heating unit, a water inlet header in said casing connected with all of said heating units adjacent the bottom thereof, and a water outlet header in said casing connected with all of said heating units adjacent the top thereof.

2,064,346
ELECTRON DISCHARGE DEVICE
Günther Jobst and Franz Sammer, Berlin, Germany, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application June 23, 1934, Serial No. 732,035
In Germany June 27, 1933
2 Claims. (Cl. 250—27.5)



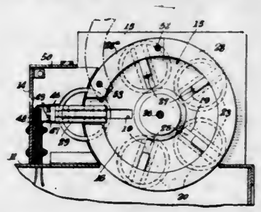
1. An electron discharge tube having an envelope containing a thermionic cathode, a grid around said cathode and an apertured outer electrode surrounding the cathode and grid and a sheath around said outer electrode, said sheath being permeable to heat rays but an insulator for electricity.

2,064,347
STOVE
Bertrand B. Kahn, Cincinnati, and William T. Bradbury, Hamilton, Ohio, assignors to The Estate Stove Company, Hamilton, Ohio, a corporation of Ohio
Application August 31, 1931, Serial No. 560,328
6 Claims. (Cl. 126—39)



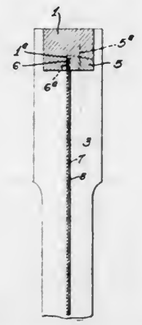
1. In a stove, a plurality of burners, a frame member having an opening within which the burners are positioned, a readily removable interceptor plate positioned as a closure for the frame opening at substantially the level of said burners, said plate having its corners cut away to provide clearance for the burners, plate supporting means, and means on the plate engageable with the supporting means for positioning the plate relative to the frame opening, said positioning means affording upward withdrawal of the plate from the stove.

2,064,348
SWITCHING DEVICE FOR RADIO RECEIVING AND OTHER ELECTRICAL SYSTEMS
Paul Kalencik, New York, N. Y., assignor of one-half to John F. Rider, New York, N. Y.
Application November 1, 1935, Serial No. 47,755
16 Claims. (Cl. 171—119)



1. In a device of the character described, a carrier, a plurality of electrical units supported in said carrier, means for rotating said carrier, and means for moving a selected unit towards and away from the axis of said carrier.

2,064,349
HONEYCOMB FOUNDATION SUPPORTING MEANS
Ferdinand Knorr, Del Mar, Calif.
Application February 3, 1936, Serial No. 62,148
6 Claims. (Cl. 6—10)

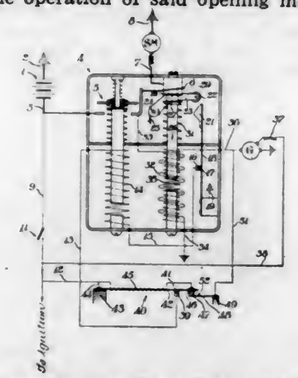


1. In a honeycomb foundation supporting means, a metallic strip provided with prongs on one side thereof adapted to be pressed into the vertical side portion of a honeycomb foundation upper supporting frame member.

2,064,350
AUTOMATIC STARTER CONTROL
Paul H. Maurer, Elmira, N. Y., assignor to Eclipse Machine Company, Elmira Heights, N. Y., a corporation of New York
Application October 27, 1933, Serial No. 695,423
11 Claims. (Cl. 290—37)

4. In combination with an internal combustion engine, an electrical system therefor including an engine-driven generator and a starting system comprising a motor for cranking the engine and a magnetic starting switch for the motor, a control circuit for said switch, means actuated by said generator for preventing the energization of said control circuit during self-operation of the engine, means for opening said control circuit after a predetermined time of energization thereof, and

means whereby the voltage of the generator opposes the operation of said opening means and



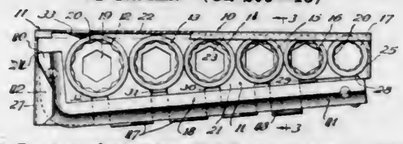
prevents energization thereof during self-operation of the engine.

2,064,351

SOCKET WRENCH KIT

Norris F. McNaught and Edward Henry Peterson, Chicago, Ill., assignors to Duro Metal Products Company, Chicago, Ill., a corporation of Illinois

Application January 30, 1935, Serial No. 4,122
14 Claims. (Cl. 206—16)



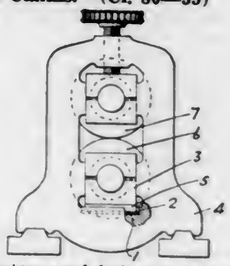
8. In a socket wrench kit, a retaining device for socket wrenches comprising a tapered receptacle including means for confining socket members on four sides of the socket members, when said members are in packed position, one of said means extending over said socket members only sufficiently so that the sockets are adapted to pass said latter means when moved to a larger part of the tapered receptacle, and means for holding the sockets in packed position in the tapered receptacle and engaging the opposite sides thereof, comprising a resilient metal member forming a part of the receptacle and engaging the largest and endmost socket member to hold all of said socket members in position.

2,064,352

SELF-ALIGNING MOUNTING FOR BEARINGS

William Messinger, Philadelphia, Pa.

Application January 11, 1936, Serial No. 58,665
8 Claims. (Cl. 80—55)



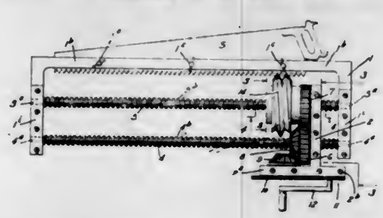
1. A liner interposed between a bearing casing and the frame of a machine; the compressive behavior of the liner being such that incipient loading of the bearing will cause sufficient compression of the liner to effect proper self-alignment of the bearing casing, and such that additional compression due to augmented loading will be very small in comparison.

2,064,353

SAW FILING MACHINE

Josef F. Mose, Point Loma, Calif., assignor of forty-five per cent to Alfred Krause, Point Loma, Calif.

Application April 10, 1935, Serial No. 15,584
7 Claims. (Cl. 76—38)



1. In a saw filing machine, a frame member adapted to receive a saw longitudinally therein, a threaded shaft secured in said frame, a rotary file member revolubly mounted around said shaft adapted to feed along said shaft and engage the slots between the saw teeth of the saw and threaded means mounted on said rotary file and cooperating with said threaded shaft to feed said rotary file along said shaft.

2,064,354

MULTIPLE UNIT TUBE

Theodore C. Prouty, Hermosa Beach, Calif., assignor to Metlox Corporation, Ltd., Manhattan Beach, Calif., a corporation of California

Application October 11, 1930, Serial No. 487,930
Renewed June 23, 1936
6 Claims. (Cl. 176—122)



4. An electric discharge lamp device comprising an elongated glass container, electrodes sealed in the respective ends thereof, a gaseous atmosphere therein, said container having a flexible, metal section along the length thereof and intermediate said electrodes.

2,064,355

CELLULOSIC MATERIALS AND PROCESSES FOR PREPARING SAME

René Picard, Vaulx-en-Velin, and René Fays, Gauchy, France, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application July 17, 1935, Serial No. 31,889
10 Claims. (Cl. 18—54)

1. The method which comprises mixing an alkali metal sulfoantimoniate with a viscose solution, and forming a regenerated cellulose article from said viscose.

2,064,356

CELLULOSIC MATERIALS AND METHODS FOR PRODUCING SAME

René Picard, Vaulx-en-Velin, and René Fays, Gauchy, France, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application July 17, 1935, Serial No. 31,890
10 Claims. (Cl. 18—54)

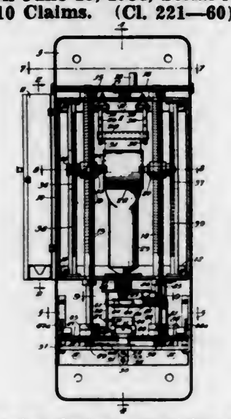
1. The method which comprises mixing an alkali metal hydrosulfite with a viscose solution, and forming a regenerated cellulose article from said viscose.

2,064,357

DISPENSER FOR TOOTHPASTE

Oscar F. Ritterbusch, Chicago, Ill.

Application June 15, 1934, Serial No. 730,762
10 Claims. (Cl. 221—60)



1. A dispensing device comprising a frame having means to mount a collapsible tube therein, a discharge nozzle for receiving the discharge end of the tube, a pair of rollers one on each side of the tube, a pair of feed screws, one at each end of the rollers, blocks threaded on the screws and carrying the rollers, and means for turning the screws to move the rollers along the tube, said screws being interconnected so that both must advance their ends of the rollers at the same rate, a reciprocable tooth brush support on said frame in front of the nozzle and mechanism for connecting said support to the feed screws to turn the screws, said mechanism including a rack on said support, gears mounted on the frame and meshing with said rack, co-operating clutch members on said gears and screws, adapted to interlock and turn the screws with the gears upon advance of the support in one direction only, said device having means to prevent reversal of movement of the brush support during its screw turning movement until it reaches the end of its stroke.

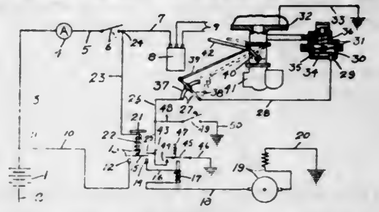
2,064,358

AUTOMATIC CONTROLLER FOR INTERNAL COMBUSTION ENGINE STARTERS

Gordon B. Sayre, Syracuse, N. Y., assignor, by mesne assignments, to Eclipse Machine Company, Elmira Heights, N. Y., a corporation of New York

Application April 5, 1932, Serial No. 603,408
4 Claims. (Cl. 290—37)

2. In an automatic controller for internal combustion engine starters, the combination with a throttle control mechanism of a starting motor, a normally broken starting motor circuit, an electro-magnetic switch for closing the starting motor circuit and including a coil, a primary circuit for said coil, means for breaking said primary circuit when the engine starts rotating,



additional means for breaking said primary circuit in the event said first-named means close said primary circuit while the engine is running, a secondary circuit for said coil, and means actuated in accordance with the current flowing in the starting motor circuit for making and breaking said secondary circuit.

2,064,359

MICROBIOLOGICAL PREPARATION OF 2.3-BUTYLENE GLYCOL

Marinus Adrianus Scheffer, Delft, Netherlands, assignor to N. V. Nederlandsche Gist-en Spiritusfabriek, Delft, Netherlands, a limited-liability company of the Netherlands

No Drawing. Application November 6, 1933, Serial No. 696,907. In the Netherlands December 6, 1932
1 Claim. (Cl. 195—43)

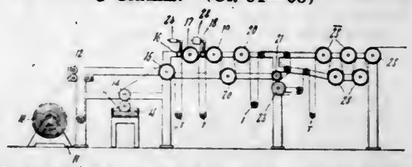
In the microbiological preparation of 2.3-butylene glycol by subjecting a fermentable carbohydrate mash to fermentation with a culture of bacteria capable of producing therefrom 2.3-butylene glycol in substantial quantity and separating resultant butylene glycol, the process which comprises accelerating the fermentation by conducting through the fermenting mash a gas consisting chiefly of hydrogen.

2,064,360

MANUFACTURE OF SMOOTH-FACED WEBS OF INTERFELTED FIBER

Milton O. Schur, Berlin, N. H., assignor to Brown Company, Berlin, N. H., a corporation of Maine

Application July 25, 1934, Serial No. 736,857
5 Claims. (Cl. 91—68)

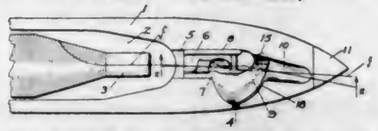


1. A method of producing a binder-impregnated web of interfelted fibers presenting a smooth surface, which comprises impregnating a prefabricated web of interfelted fibers with settable liquid binder in a volatile liquid vehicle, said binder progressively setting as said vehicle is evaporated therefrom, progressively drying said impregnated web to evaporate said vehicle and to set said binder, and, as said web is progressively being dried, subjecting it to smoothing pressure in separate stages of increasing intensity each controlled to avoid squeezing binder from said web or crushing or rupturing said web.

2,064,361
OPTICAL GLASS COMPOSITION
Murray R. Scott, Rochester, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
No Drawing. Original application March 7, 1932, Serial No. 597,421. Divided and this application March 28, 1935, Serial No. 13,477
2 Claims. (Cl. 106—36.1)

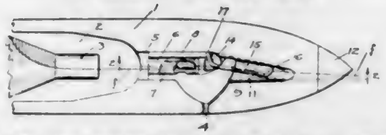
1. A colored optical glass having a refractive index between 1.50 and 1.55 and a dispersion, as expressed by ν, between 51.0 and 58.5 and comprising compounds of lead, manganese and cerium.

2,064,362
AUTOMATICALLY THREADING LOOM SHUTTLE
William A. Tebo, Anthony, R. I., assignor to Draper Corporation, Hopedale, Mass., a corporation of Maine
Application May 1, 1936, Serial No. 77,392
5 Claims. (Cl. 139—223)



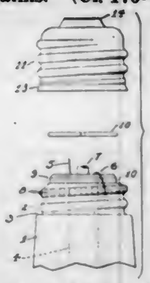
1. An automatically threading loom shuttle comprising a shuttle body having a cavity for receiving a filling carrier, a threading block fixed in a recess in said shuttle body, said threading block having a longitudinally extending thread passage in alignment with said cavity and a horn which projects from the front of the threading block outwardly and rearwardly above said thread passage, said shuttle body having a groove extending longitudinally outwardly from said recess and thread passage, a thread trapping member carried by said shuttle body in said groove beneath said horn, said member projecting from the bottom of said groove upwardly and having a concavity formed in its top surface, and a lug depending from the underneath side of said horn and terminating in said concavity, there being space in the concavity around the lower end of said lug to permit a filling thread to pass from the rear to the front side of said lug and member.

2,064,363
SHUTTLE FOR AUTOMATIC LOOMS
William A. Tebo, Anthony, R. I., assignor to Draper Corporation, Hopedale, Mass., a corporation of Maine
Application May 1, 1936, Serial No. 77,394
3 Claims. (Cl. 139—223)



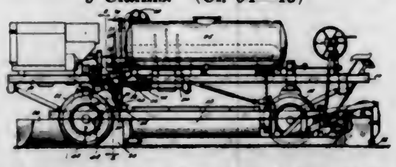
1. An automatically threading loom shuttle comprising a shuttle body having a bobbin-receiving cavity therein, a threading block fixed in a recess in said shuttle body, said threading block having a longitudinal thread passage and a horn which projects outwardly and rearwardly above said thread passage, the rearward end of said horn being free and being turned downwardly into a longitudinally extending groove provided therefor in said shuttle body, and a guard wire having its inner end fixed in the rear wall of said recess and its outer end fixed in said groove at a point outwardly from said horn, said guard wire between its ends extending longitudinally of said thread passage and groove beneath said horn, the said longitudinally extending part of said guard wire being positioned forwardly of and above the down-turned end of said horn.

2,064,364
LAMP, TUBE, AND SIMILAR DEVICE
Ralph B. Thomas, Salem, Mass., assignor to Hygrade Sylvania Corporation, Salem, Mass., a corporation of Massachusetts
Original application June 21, 1934, Serial No. 731,581. Divided and this application December 20, 1934, Serial No. 758,349
2 Claims. (Cl. 176—32)



1. In a lamp or tube the combination of an enclosing envelope having a bulb portion and an externally threaded butt portion, a plurality of grooves around the periphery of at least one thread in said butt portion, a fusible metal ring surrounding said butt portion, and a threaded metal shell screwed on to said butt portion and integrally bonded thereto by said fusible metal.

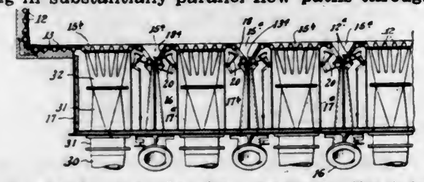
2,064,365
RE-TREAD PAVER
Floyd D. Wallace, Indianapolis, Ind., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind., a corporation of Indiana
Application October 5, 1934, Serial No. 746,980
9 Claims. (Cl. 94—43)



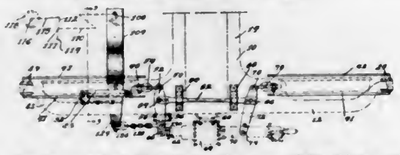
1. In combination with a mixer, means for guiding aggregate into said mixer, means for supplying a liquid binder to said mixer, a device for controlling the rate of binder supply, and means responsive to the amount of aggregate entering said mixer and operatively connected to said controlling device to vary the rate of binder discharge in accordance with the rate at which aggregate enters the mixer.

2,064,366
APPARATUS FOR BURNING PULVERIZED FUEL AND GAS
Ervin G. Bailey, Easton, Pa., assignor to The Babcock & Wilcox Company, Bayonne, N. J., a corporation of New Jersey
Application June 21, 1932, Serial No. 618,451
4 Claims. (Cl. 110—22)

2. In apparatus having walls enclosing a furnace chamber, an elongated air box arranged externally along one of said walls, partitions dividing said box into a series of side-by-side compartments each having an air inlet opening therein, a row of fuel burner ports formed in said wall and providing communication between said compartments and said furnace chamber, means in alternate compartments for projecting a combustible mixture of a fuel and air through alternate burner ports in separate streams traveling in substantially parallel flow paths throughout said furnace chamber, means in the intermediate compartments for projecting a combustible mixture of a second fuel and air through alternate burner ports in separate streams traveling in substantially parallel flow paths throughout said furnace chamber and intermediate and parallel to the streams of said first fuel and air mixture, and means for controlling the supply of air to each of said compartments.



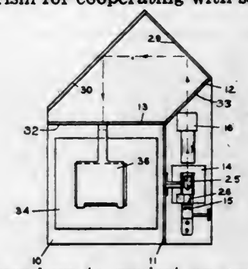
2,064,367
BRAKE
Walter H. Baselt, Chicago, Ill., assignor to American Steel Foundries, Chicago, Ill., a corporation of New Jersey
Application October 11, 1934, Serial No. 747,819
16 Claims. (Cl. 188—107)



1. In a brake rigging, the combination of a truck frame, wheels supporting said truck frame, live truck levers on one side of each wheel, connecting means between said live truck levers, dead truck levers on the other side of each wheel, tie straps connecting said truck levers on each side of each wheel and above the wheel centers, operating cylinder means connected to pairs of said live truck levers for controlling said rigging, and a hand brake equalizer slidably supported on said truck frame and having an offset end connected to said cylinder means substantially below the top of said side frame, said equalizer being offset inboard of said frame whereby the point of applied force thereto is substantially in the same horizontal plane as the connection to said cylinder means.

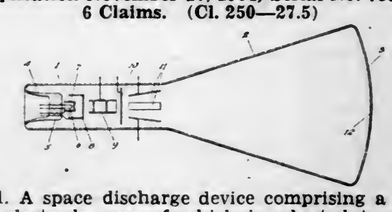
2,064,368
PROJECTION APPARATUS
Edward Bausch and Henry F. Kurtz, Rochester, N. Y., assignors to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application January 18, 1935, Serial No. 2,378
4 Claims. (Cl. 88—24)

1. An instrument of the type described comprising an object holder, means for illuminating an object on said holder, a horizontal screen, a vertical screen, a lens system positioned above said object holder so as to receive light rays from the object, two angularly disposed, vertical, reflecting members positioned adjacent the vertical screen, a single reflector positioned above the horizontal screen and means above said lens system for selectively holding in operative relation thereto a prism for cooperating with said vertical



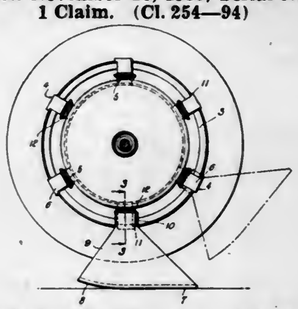
reflecting members to project an erect, normal image of said object on said vertical screen or a prism for cooperating with said single reflector to project an erect, normal image of said object on said horizontal screen.

2,064,369
ELECTRIC DISCHARGE TUBE
Orrick Howard Biggs, Beverly, Mass., assignor to Hygrade Sylvania Corporation, Salem, Mass., a corporation of Massachusetts
Application November 17, 1934, Serial No. 753,424
6 Claims. (Cl. 250—27.5)



1. A space discharge device comprising a pair of electrodes one of which is adapted to emit electrons, a transparent enclosing envelope for said electrodes, said envelope having a selected portion of its wall normally conductive vitreous material.

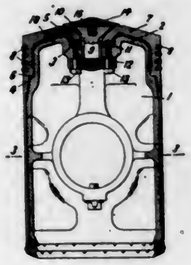
2,064,370
JACK
Harry Wallace Brown, Louisville, Colo.
Application November 13, 1935, Serial No. 49,619
1 Claim. (Cl. 254—94)



A wheel elevating device comprising a band encircling and secured on a brake drum of a wheel, a plurality of radially arranged arms secured to said band, a shoe including a tread portion having one end curved laterally of said tread portion, a plate integral with said shoe and extending at right angles thereto, a sleeve integral with the plate and adaptable to receive any one of the arms, stops applied to each arm for limit-

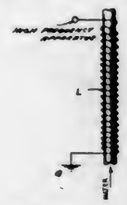
ing the movement of the sleeve on the arm in the direction of the band, said sleeve having a limited movement relative to the arm, and a lug formed on the arm to engage with one end of the sleeve.

2,064,371
PISTON CONSTRUCTION OF INTERNAL COMBUSTION ENGINES
Walter Scott Burn, Hartlepool, England, assignor to The National Gas and Oil Engine Company Limited, Alfred Bickerton Balmford, Ashton-under-Lyne, England, and Walter Scott Burn, Hartlepool, England
Application November 13, 1935, Serial No. 49,633
In Great Britain November 13, 1934
7 Claims. (Cl. 123—176)



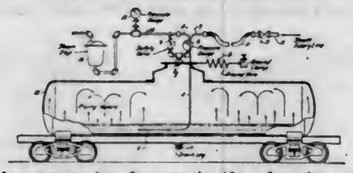
1. An engine piston comprising, an outer shell incorporating a head and piston skirt and carrying piston rings, an inner structure receiving and supporting the gudgeon or wrist pin, and a single central bolt connecting the outer shell and inner structure together; said outer shell having shoulders engaging with shoulders on the inner structure in such manner as to provide a space between the two through which cooling oil conducted by way of said gudgeon or wrist pin may circulate, and said bolt connecting the two parts through openings in the top of each and secured loosely by a nut having collar bolts holding it against the inner structure in place.

2,064,372
COOLING DEVICE
Werner Buschbeck, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application January 13, 1932, Serial No. 586,369
In Germany January 14, 1931
4 Claims. (Cl. 250—16)



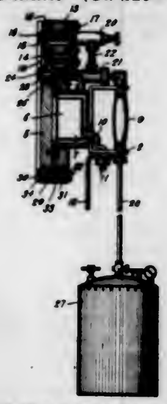
1. Water cooling arrangement for high-frequency apparatus to be operated at high frequencies, comprising a straight water supply tube of non-conducting material for cooling said apparatus, a coil surrounding said water supply tube for causing the ambient potential of said water supply tube to fall at a uniform rate.

2,064,373
APPARATUS FOR CLEANING CONTAINERS
John G. Carriere, Martinez, and Ludwig Rosenstein, San Francisco, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
Application August 30, 1935, Serial No. 38,536
2 Claims. (Cl. 257—198)



1. An apparatus for use in the cleaning of tank cars provided with domes, comprising a plate adapted to fit the dome opening in the top of a tank car, inlet and outlet pipes passing through said plate and attached thereto, a pipe coil attached to the lower ends of said pipes, said coil being adapted to lie along the bottom of said tank car and to be readily removable from said tank car through said opening, a pressure gauge and a safety valve mounted in said plate.

2,064,374
WALLPAPER REMOVER
Maxey C. Cooper, Detroit, Mich.
Application May 1, 1935, Serial No. 19,173
10 Claims. (Cl. 216—8)

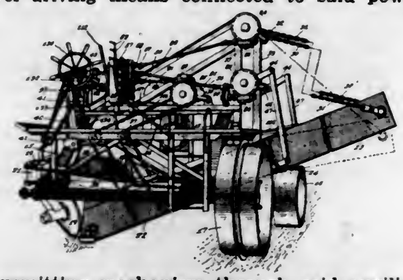


1. A device of the character described comprising a heating plate, a water distributing chamber disposed above said plate and having discharge openings, means in the working face of the heating plate for trapping water passing downwardly from said chamber, and means around said plate for confining the water within the area defined by the plate.

2,064,375
GRADER CONTROL
William A. Cost, Indianapolis, Ind., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind., a corporation of Indiana
Application March 18, 1933, Serial No. 661,442
7 Claims. (Cl. 37—110)

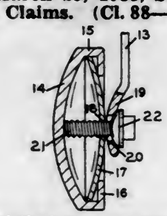
1. In an elevating grader, a conveyer, a source of power, a main clutch, power-driven means for adjusting the position of said conveyer, power-transmitting mechanism interconnecting said adjusting means through said main clutch with said

source of power, an auxiliary clutch, and conveyer-driving means connected to said power-



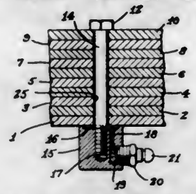
transmitting mechanism through said auxiliary clutch.

2,064,376
OPHTHALMIC MOUNTING
Gerhard A. Ellestad, Rochester, and Chester G. Salmon, Greece, N. Y., assignors to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application March 28, 1935, Serial No. 13,420
2 Claims. (Cl. 88—49)



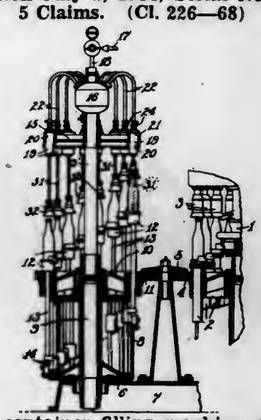
2. In an ophthalmic mounting, a nose pad having a recess and a flange overhanging said recess, a plate larger than the opening in said flange positioned within said recess, a screw threaded in said plate and bearing against said nose pad, a pad holding arm having an aperture for loosely engaging said screw and means on said screw for preventing withdrawal of said arm.

2,064,377
NUT TO CARRY LUBRICANT
Herman L. Gordon, Winthrop, Mass., assignor of one-half to Charles Wennett, Boston, Mass.
Application February 20, 1936, Serial No. 64,837
1 Claim. (Cl. 267—50)



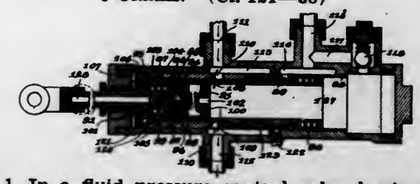
A lubricating nut for attachment to a standard spring-holding bolt formed of substantially greater length than that of the original nut which it replaces, and comprising four recesses: a central tapped recess extending partly thru the length of the nut and adapted to be threaded onto the correspondingly threaded end of the bolt, a counterbored recess of greater diameter than the bolt to receive lubricant at the open end of said center tapped recess, a longitudinally formed recess parallel to the center tapped recess and opening into the counterbored recess to conduct lubricant thereto, and a laterally tapped opening from said longitudinal recess to hold a valve fixture for receiving a supply of lubricant therethru.

2,064,378
BOTTLE FILLER SNIFTER
James Kantor, Chicago, Ill., assignor to The Liquid Carbonic Corporation, Chicago, Ill., a corporation of Delaware
Application July 2, 1934, Serial No. 733,345
5 Claims. (Cl. 226—68)



1. In a container filling machine, the combination, with a rotating filling machine including a plurality of reciprocating container supports, a filler valve associated with each of said supports and arranged to deliver liquid into said containers, of a means for filling the containers with CO_2 prior to their delivery to the filling machine, comprising a plurality of reciprocating container supporting members rotating about a common axis, and rotatably driven from said filling machine, and a delivery tube associated with each of said supports adapted to be projected into the container close to the bottom of the container by the reciprocation of the support, a valve at the inlet end of said tube for controlling the admission of gas to said tube and means at the bottom end of said tube engaged by the bottom of the container for controlling said valve.

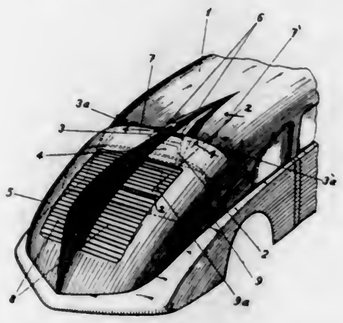
2,064,379
FLUID PRESSURE CONTROL SYSTEM
John J. Kundig, New York, N. Y.
Original application January 10, 1931, Serial No. 507,784. Divided and this application April 4, 1934, Serial No. 718,951
9 Claims. (Cl. 121—38)



1. In a fluid pressure control valve having a normally closed communication with a fluid motor, supply and exhaust ports, a supply of pressure fluid, a housing, a movable element in said housing forming a pair of independent and relatively opposite fluid pressure chambers, a movable valve element for controlling the flow of said pressure fluid and having relatively opposite portions exposed to the fluid pressures in said opposite chambers, and manual control means for moving said movable element to vary the

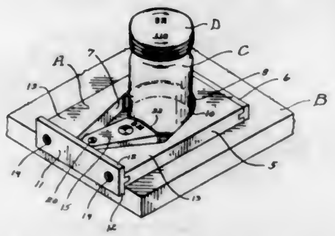
volume of and thereby the fluid pressure differential in said chambers whereby to operate said valve element to divert said pressure fluid to said motor.

2,064,380
MOTOR VEHICLE BODY
Hans Ledwinka, Koprivnice, Czechoslovakia
Application October 14, 1935, Serial No. 44.861
In France October 15, 1934
6 Claims. (Cl. 180—54)



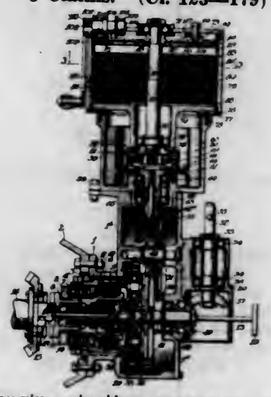
1. In a streamline motor vehicle having a rear engine, means to lead cooling air to and from the engine, such means comprising the provision of air inlets arranged within the general contour of the streamlined walls, one at either side of a central dormer-like wall defining within itself a passage communicating with the interior of the vehicle body and having a rear window, a streamline hood at the rear of the body into the front of which said air inlets deliver the cooling air, said hood having air outlet louvers arranged to the rear of said window through which and through said window persons within the vehicle can see to the rear.

2,064,381
JAR CLAMP
Charles H. McColgan, Cuyahoga Falls, Ohio
Application August 25, 1934, Serial No. 741,475
6 Claims. (Cl. 81—3.3)



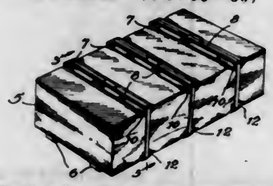
1. A jar clamp comprising a flat body member having an elongated opening therethru, a pivoted cam member in one end of the opening for gripping engagement with the base portion of the jar inserted into the other end of the opening from either face of the body member, and a holding strip along one edge of the body member and projecting beyond each face thereof.

2,064,382
ENGINE STARTER
William L. McGrath, Elmira, N. Y., assignor to Eclipse Machine Company, Elmira, N. Y., a corporation of New York
Application April 2, 1926, Serial No. 99,232
Renewed January 19, 1935
5 Claims. (Cl. 123—179)



1. An engine starting apparatus including a drive having a driving member adapted to engage a member of the engine to be started and actuating means therefor, an inertia means operatively connected with the actuating means, and energy storing means for operating such inertia means comprising a rotatable shaft operatively connectible with said inertia means, a spring drum mounted to rotate freely on said shaft, a coiled spring contained within the drum and connected with the shaft and drum respectively, means for rotating the drum to wind the spring, including gearing operatively connected with the drum, and means controlled by the operator for restraining the rotation of said shaft until it is desired to utilize the energy of the spring to operate the inertia means and crank the engine.

2,064,383
METHOD AND MEANS FOR PREPARING SHEET METAL FOR SHIPMENT
Howard C. Porter, La Grange Park, Ill., assignor to Signode Steel Strapping Company, Chicago, Ill., a corporation of Delaware
Application April 7, 1932, Serial No. 603,705
4 Claims. (Cl. 206—60)

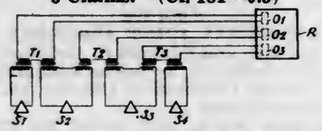


1. A shipping bundle comprising a stack of substantially flat and uniformly thick sheets of metal piled flatwise one upon another, a flexible metallic binder looped and tensioned about the stack of sheets, and a beam disposed upon the top sheet of the stack parallel to and below the binder, the tension of the binder causing the beam temporarily to retain in sheets of the stack a stiffening transverse corrugation parallel to and under the beam, which corrugation together with the beam stiffens the stack against deformation transversely thereto.

2,064,384
ACTIVATION OF CELLULOSE FOR CONVERSION INTO CELLULOSE DERIVATIVES
George A. Richter and James W. McKinney, Berlin, N. H., assignors to Brown Company, Berlin, N. H., a corporation of Maine
No Drawing. Application October 11, 1933, Serial No. 693,152
9 Claims. (Cl. 260—101)

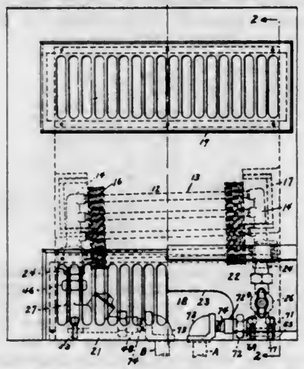
1. A process which comprises refining cellulose in alkaline liquor, associating the resulting cellulose with an aqueous solution of glycerine, dehydrating the cellulose, and acetylating it.

2,064,385
APPARATUS FOR DETERMINING SUBSURFACE GEOLOGICAL FORMATIONS
Henry Salvatori, Hollywood, Calif., assignor to Western Geophysical Company, Tulsa, Okla., a corporation of Delaware
Application July 3, 1935, Serial No. 29,679
3 Claims. (Cl. 181—0.5)



1. Apparatus for recording reflected seismic waves comprising a plurality of progressively spaced seismometers, a plurality of separate transformer primary circuits for said seismometers, said seismometers constituting a plurality of groups of adjacent seismometers, each of said groups containing at least one but less than all the seismometers of an adjacent group, the seismometers in each of said groups actuating a plurality of said separate transformer primary circuits, a separate recording device corresponding to each of said groups of seismometers and means for actuating each recording device jointly by the seismometers of the group corresponding to said recording device, said means comprising a transformer secondary circuit operatively associated with the corresponding transformer primary circuits actuated by the group of seismometers corresponding to said recording device.

2,064,386
RADIATOR STRUCTURE
Clifford J. Schlafman, Merchantville, N. J., assignor to Warren Webster & Company, Camden, N. J., a corporation of New Jersey
Application July 17, 1935, Serial No. 31,825
8 Claims. (Cl. 237—73)

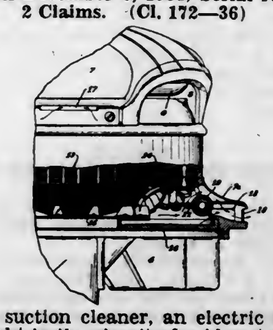


1. In a radiator structure, an enclosure of substantially cuboid shape provided with an air inlet extending transversely across the lower portion thereof and an air outlet extending transversely across the upper portion thereof, a heat radiating unit mounted within said enclosure inwardly of said air inlet and accessible therethrough, said heat radiating unit comprising a pair of tubular headers with interconnecting finned tubes, said tubular headers having piping connections at right angles to said tubes, a steam supply valve and a thermostatic trap having inlets and outlets at substantially right angles, said inlets and outlets being provided with universal pipe connecting means having ball jointed unions each comprising a flanged nipple, a ball member and a flanged nut for securing the nipple member to the ball member, and being so constructed that the cooperating flange faces of the nipple and nut contact annularly regardless of alignment of the nipple and ball member, said steam supply valve and thermostatic trap having their outlet and inlet respectively communicating directly with said piping connections in said tubular headers, and means on said steam supply valve and thermostatic trap to support and grade said heat radiating unit, said steam supply valve inlet and said thermostatic trap outlet providing for connection to the supply and return piping respectively of a heating system.

2,064,387
MANUFACTURE OF CASEIN PRODUCTS
Charles Schwartz, Pittsburgh, Pa., assignor to Hall Laboratories, Inc., Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application September 28, 1934, Serial No. 745,854
9 Claims. (Cl. 134—20)

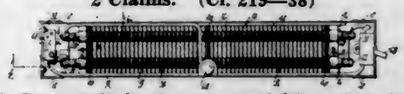
6. A plastic setting mass adapted for use as coating and sizing compositions, paints, glues and the like containing casein, a solubilizing agent for casein, and an alkali-metal metaphosphate.

2,064,388
SUCTION CLEANER
Donald G. Smellie, Canton, Ohio, assignor to The Hoover Company, North Canton, Ohio, a corporation of Ohio
Application December 6, 1934, Serial No. 756,217
2 Claims. (Cl. 172—36)



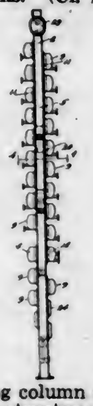
1. In a suction cleaner, an electric motor, an electric light in the circuit of said motor, a motor casing enclosing said motor and provided with inlet and outlet ports upon the opposite sides of said motor, a fan positioned in said casing adapted to draw motor cooling air into said casing by said inlet port and to exhaust it therefrom by said outlet port, and a resistance element in the circuit of said light to reduce the voltage thereacross and positioned in the path of the cooling air through said motor and between said motor and said outlet port.

2,064,389
UNIT HEATER
John E. Smith, Belleville, Ill., assignor to Knapp-Monarch Company, Belleville, Ill., a corporation of Missouri
Application November 3, 1932, Serial No. 641,014
2 Claims. (Cl. 219—38)



1. In a unit heater, an upright casing, inlet and outlet openings at the top and bottom thereof, a heating element in said casing comprising a tube-like heating member and a plurality of fins threaded thereon, an electric heating element encased in said heating member and means for confining said fins within said casing comprising a channel shaped member along each side of the casing, the ends of the fins fitting between the flanges thereof.

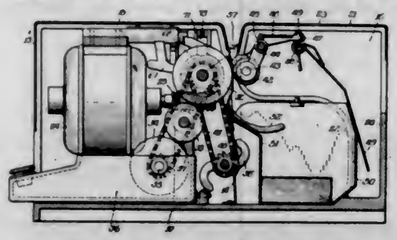
2,064,390
FRACTIONATING COLUMN
Heinrich Suess, Berlin-Tegel, Germany, assignor to Rheinmetall-Borsig Aktiengesellschaft
Application January 7, 1936, Serial No. 58,008
In Germany February 18, 1935
19 Claims. (Cl. 261—114)



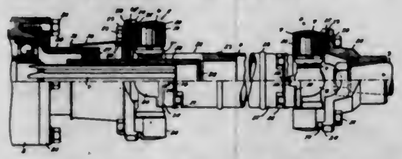
1. A fractionating column comprising, in combination, a shaft structure defining a hollow shaft space, and laterally extending and removable chambers in communication with said hollow shaft space.

2,064,391
CHECK SIGNING AND ENDORSING MACHINE
Hjalmar A. Swanson, Chicago, Ill., assignor to Cummins Perforator Company, Chicago, Ill., a corporation of Illinois
Application September 14, 1935, Serial No. 40,527
6 Claims. (Cl. 101—236)

5. In a check signing and endorsing machine, in combination, a frame, a shaft journalled in the frame and having a type cylinder mounted thereon, a clutch wheel mounted for rotation on said shaft, an impression cylinder journalled in the frame for cooperating with the type cylinder, means including a clutch pawl positioned between the cylinder and said clutch wheel for cperatively connecting the type cylinder with said clutch wheel to cause rotation of the cylinder, means adapted to be engaged by a sheet inserted between the cylinders to cause the pawl to engage the clutch wheel, a stop adapted to contact the type cylinder for bringing the cylinder to rest, and means fixed to the type cylinder shaft providing a friction brake, said means being operative to cause the type cylinder to assume a particular position when at rest, and in which position the type cylinder is out of contact with the stop.

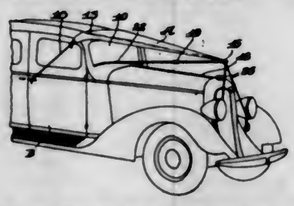


2,064,392
UNIVERSAL JOINT ASSEMBLY
Carl E. Swenson and Edmund B. Anderson, Rockford, Ill., assignors, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application July 8, 1933, Serial No. 679,488
9 Claims. (Cl. 64—17)



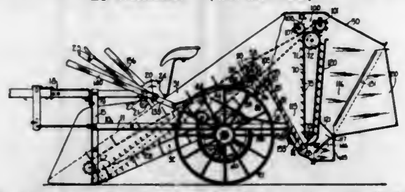
1. In combination, a housing having a tubular projecting portion, a driving shaft projecting therefrom, a drive transmitting sleeve slidable on the shaft but non-rotatable relative thereto, annular sealing means on said housing closing the space between the sleeve and the tubular portion of the housing, and a universal joint carried on said sleeve and having a dirt shield sleeve projecting therefrom and surrounding the tubular housing portion in closely spaced relation thereto, said sleeve being movable axially relative thereto with said joint and first sleeve.

2,064,393
COLLAPSIBLE WINDSHIELD VISOR
Boone S. Talbott, St. Paul, Minn.
Application June 30, 1933, Serial No. 678,446
3 Claims. (Cl. 296—95)



1. A visor for windshields in combination with a windshield and windshield glass including a member adapted to be secured over the top of the windshield and adapted to project forwardly therefrom, and a mast bearing on the external surface of the windshield glass extending from the base of the windshield for supporting the outer end of the visor.

2,064,394
COTTON HARVESTER
Frederick A. Thomann, East Moline, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois
Application April 25, 1934, Serial No. 722,263
19 Claims. (Cl. 56—33)

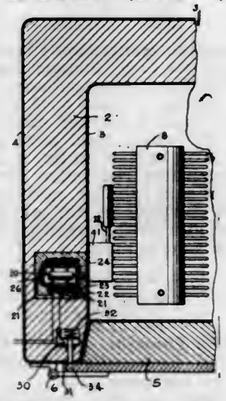


6. A harvester for harvesting cotton including a frame, stripping means for removing the green and ripened bolls from the cotton plants, means for conveying the stripped material rearwardly, a hopper for receiving the stripped material, a device carried within the hopper for removing the ripened bolls therefrom, and an oscillatory grating carried by the hopper for feeding the stripped material to said device.

2,064,395
ORGANIC DISULPHIDES
Eduard Tschunkur and Hugo Köhler, Cologne-Mulheim, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application March 8, 1934, Serial No. 714,631. In Germany March 21, 1933
9 Claims. (Cl. 260—16)

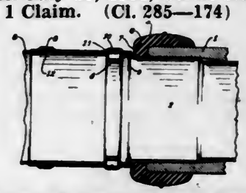
1. The process which comprises subjecting organic compounds which contain sulphydryl groups to the action of a compound selected from the group consisting of chloric acid and salts thereof, while adding thereto a compound which is capable of reducing chloric acid to a lower stage of oxidation.

2,064,396
AUTOMATIC REFRIGERATOR DEFROSTER
Alexander S. Volpin, Houston, Tex., assignor to Servel, Inc., New York, N. Y., a corporation of Delaware
Application August 27, 1934, Serial No. 741,635
14 Claims. (Cl. 62—4)



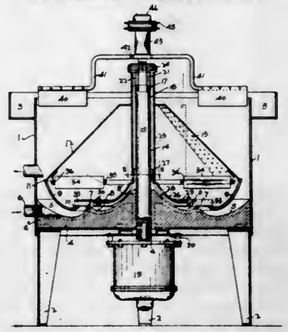
1. A defrosting mechanism for refrigerators including an electrical circuit, a resistance in the circuit, a switch in the circuit, means operable upon opening of the refrigerator door to close the switch to heat said resistance, and additional means operable upon cooling of said resistance to effect defrosting of the refrigerator coil.

2,064,397
SUCTION CLEANER
Harry B. White, Canton, Ohio, assignor to The Hoover Company, North Canton, Ohio, a corporation of Ohio
Application July 13, 1934, Serial No. 734,947
1 Claim. (Cl. 285—174)



An air conduit for a suction cleaner including a flexible hose, a metallic sleeve extended into the end of said hose, a metallic tube telescopically enclosing said sleeve, a resilient collar enclosing the end of said hose, a metallic wear plate carried by said collar closely adjacent the end of said tube, a circular channel formed with its sides in said sleeve and said tube, and a circular lock member positioned in said channel and preventing longitudinal separation of said parts without interference with relative rotation therebetween.

2,064,398
MINERAL SEPARATOR
William L. Zeigler, Wallace, Idaho
Application March 30, 1935, Serial No. 13,897
4 Claims. (Cl. 209—169)



1. The combination in a mineral separator having outer and inner concentric chambers in its bottom portion, an annular open-center bowl supported above the outer chamber and communicating with both chambers, of a rotary aerating-impeller suspended over the inner chamber and a portion of the bowl and means on said impeller adapted to create spirally traveling pulp-currents, deflecting means above the impeller for rectifying the course of said currents, and a perforated cover for said bowl enclosing said deflecting means.

2,064,399
CONVERTIBLE GARMENT
Myer Abrams, Brooklyn, N. Y.
Application December 21, 1933, Serial No. 703,399
5 Claims. (Cl. 2—74)

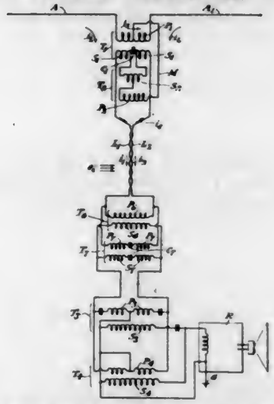
1. In a garment having shoulders, front and back portions joined by seams at the sides of

the garment and flaps attached at the side seams adapted to overlie either portion thereof



at the option of the wearer, said flaps being also attached at the shoulders of the garment.

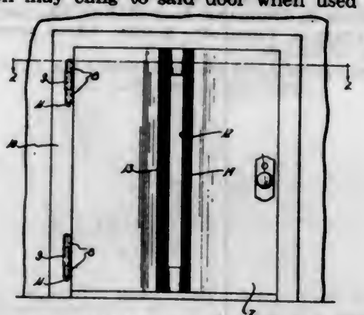
2,064,400
DUPLEX RADIO AERIAL SYSTEM
Julius Gourgues Aceves, New York, N. Y., assignor to Amy, Aceves & King, Inc., New York, N. Y., a corporation of New York
Application July 25, 1935, Serial No. 33,099
8 Claims. (Cl. 250—33)



1. In a radio receiving system: an antenna of the dipole type, a noise reducing downlead circuit for coupling said antenna over a pair of adjacent conductors to a radio receiver, antenna coupling means for causing received signals producing variations in potential of said antenna with respect to ground to be impressed on said downlead circuit, a connection from ground to said receiver, and means for minimizing application to said receiver of noise producing voltages introduced into said ground connection, said means including a signal relaying transformer in said downlead circuit, said transformer having separate primary and secondary windings, the capacity between which offers a high impedance to passage of noise producing currents.

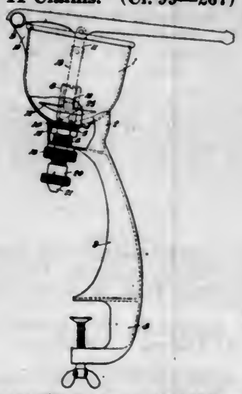
2,064,401
DOOR
Lewis Allen, Detroit, Mich.
Application November 1, 1934, Serial No. 750,970
1 Claim. (Cl. 9—12)

A door of the class described adapted for use as a float or raft comprising: a main body having a groove formed cross-wise centrally thereof in one of its faces, there being an inwardly projecting flange overlying the opposite sides of said groove to provide gripping means whereby a person may cling to said door when used as a



float or raft, said flanges being fluted throughout their lengths.

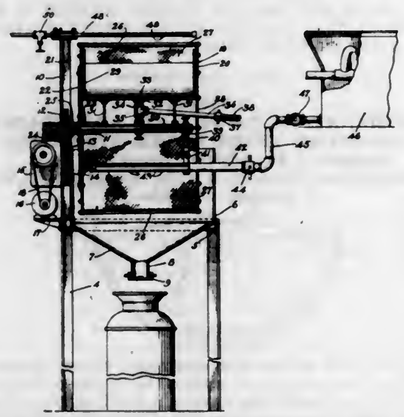
2,064,402
EMULSIFICATION OF BUTTER AND MILK FOR THE PRODUCTION OF ARTIFICIAL CREAM
Albert Richard Bannister, Sunbury-on-Thames, and Frank Berritt Day, Teddington, England, assignors to British Emulsifiers Limited, Middlesex, England
Application April 20, 1934, Serial No. 721,458
In Great Britain October 19, 1933
11 Claims. (Cl. 99—267)



11. A homogenizer comprising a bowl to receive the liquid materials to be homogenized, a pump cylinder extending substantially vertically through the bottom of said bowl and on both sides of said bottom, a plunger extending vertically downwardly within said bowl and closing the upper end of said cylinder, a readily removable homogenizing restriction device closing the lower end of said cylinder, said cylinder having liquid inlet openings within said bowl at the bottom thereof, and means for reciprocating said plunger within said cylinder.

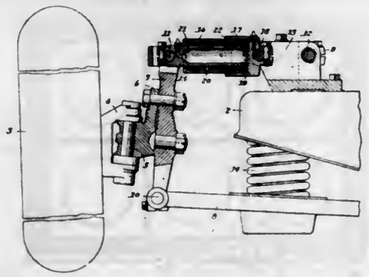
2,064,403
FILTER
Stacey Barker, Superior, Nebr., assignor to Cherry-Burrell Corporation, Chicago, Ill., a corporation of Delaware
Application June 24, 1935, Serial No. 28,121
5 Claims. (Cl. 210—199)

3. In a filter of the class described, an axle, a drum having a hub at one end thereof rotatably mounted on said axle and having an opening at the other end thereof about said axle, a filtering member on the periphery of said drum and adapted to collect objectionable matter from a substance passed therethrough, pipe means extended into said drum through said opening and arranged to introduce a substance



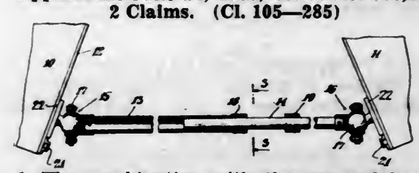
to be filtered into said drum, means mounted on said axle for supporting said pipe means in said drum, and means for rotating said drum about said axle to successively withdraw portions of said filtering member from association with the substance to be filtered and to successively present other portions of said filtering member to the substance to be filtered.

2,064,404
MOUNTING FOR VEHICLE WHEELS
Frank B. Bell, Pittsburgh, Pa.
Application January 30, 1935, Serial No. 4,070
17 Claims. (Cl. 267—20)



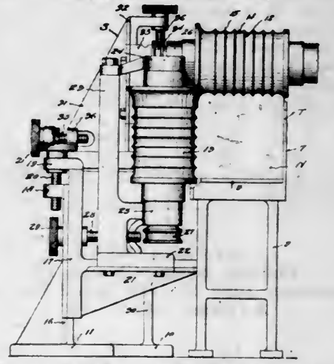
1. A vehicle wheel mounting comprising a frame, a relatively movable wheel-supporting member carried thereby, an arm rockable on such movement in one direction or the other from a normal intermediate position depending on the direction of movement of the wheel carrying member relative to the frame, a link having a normal intermediate position in the plane of such arm and having its first end movable to one side or the other of such plane upon corresponding movement of the arm, the second end of the link being movable back and forth in slider-crank fashion, and resilient means operatively connected to the second end of the link.

2,064,405
FREIGHT CAR APPLIANCES
Edgar Benatar, Bloomfield, N. J.
Application June 24, 1933, Serial No. 677,412
2 Claims. (Cl. 105—285)



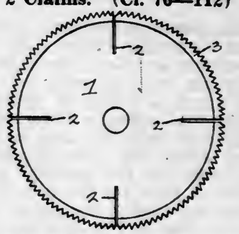
1. The combination with the opposed hopper doors of a hopper car; of an extensible support reaching from door to door, the support being in its extended position when the doors are closed and moving into a withdrawn position under the influence of the weight of the door when either or both of said doors are opened; a self-adjusting mounting on said support to respond to various angular positions of the doors; and means to limit the extent of withdrawal of said support.

2,064,406
MEANS FOR SCALLOPING PAPER NAPKINS
Bruno G. Bialkowsky, Appleton, Wis., assignor to The Tuttle Press Company, Appleton, Wis.
Application October 10, 1935, Serial No. 44,401
11 Claims. (Cl. 51—74)



1. The combination with the delivery trough of a paper napkin quarter-folding machine, of means for scalloping the edges of the napkins in the trough as the same are fed through the trough.

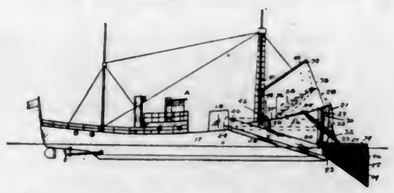
2,064,407
METHOD OF MAKING CIRCULAR SAWS
Myron Bird, San Francisco, Calif.
Application September 19, 1934, Serial No. 744,708
2 Claims. (Cl. 76—112)



1. The process of making a circular saw which comprises taking a flat body disc of non-corrosive metal and cutting radially disposed slots

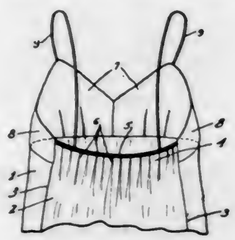
around the circumference thereof and building up teeth of hard metal alloy around the circumference of the disc, and integrally uniting the same thereto by a process of welding from the molten alloy.

2,064,408
FISHING APPARATUS
Herbert E. Blecker, New York, N. Y.
Application November 22, 1933, Serial No. 699,209
7 Claims. (Cl. 43—4)



1. In combination with a ship, a scoop net mounted thereon and extending, when in operative position, in advance thereof, the said net consisting of side frames having curved forward portions, a bottom element pivotally attached at the rear of the net proper and foldable by the sliding of its forward frame members on the curved portions of the side frames, slide elements mounted on the upper members of the net and connected to a lateral bar which has pivotal attachments to which are connected side beams, these side beams extending to points of pivotal attachment on the ship proper, and having locking means in connection therewith, and the said beams having their attachment elements to the ship slidable to secondary positions thereon, means to lock the foldable portion of the net, and means to lift the net and to retract the same to a stowed position on the deck of the aforesaid ship.

2,064,409
UNDERGARMENT
Philip S. Bloom, Chicago, Ill.
Application June 22, 1936, Serial No. 86,480
3 Claims. (Cl. 2—73)



3. A combination undergarment comprising an upper portion formed to define a brassière having breast sections and side extensions, the rearwardly extending ends of said side extensions being spaced apart to define an opening between their rear terminal edges, a lower garment depending from said brassière and having a rear panel portion extending upwardly between the rear terminal edges of the brassière and secured thereto to form a back for the brassière, and an elastic member secured to the upper edge of the panel extension and to the adjacent upper side margins of the brassière side extensions, whereby the panel extension forming the back of the brassière is shirred.

2,064,410
SYNTHETIC PHENOL RESIN ADHESIVE
Albert Henry Bowen, Seattle, Wash., assignor to I. F. Laucks, Inc., Seattle, Wash., a corporation of Washington
No Drawing. Application June 13, 1935, Serial No. 26,523
3 Claims. (Cl. 134—26)

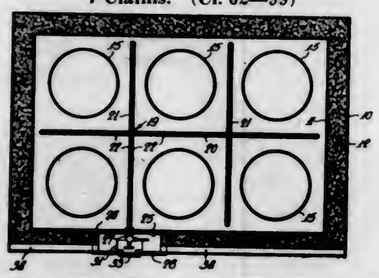
1. As a glue base an intimate mixture of an alkali soluble, reactive, thermo-setting phenolic resin powder with sodium metasilicate.

2,064,411
COMBINATION BOWL AND ADJUSTABLE MOISTURE TIGHT COVER THEREFOR
Samuel J. Brandstein, Brooklyn, N. Y.
Application February 8, 1936, Serial No. 62,907
2 Claims. (Cl. 65—16)



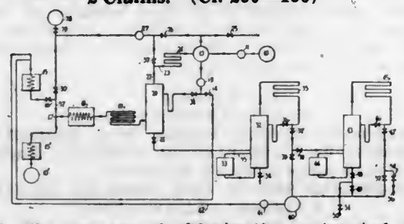
2. A food preserving container cover, consisting of a one piece substantially disc shaped member of oiled silk having a binding of a flexible elastic material of normally less length than the circumference of said member, said binding being permanently substantially continuously secured to the edge portion of said member so that contraction can produce gathers in the edge portion of said member, whereby the cover is adapted to be removably mounted on containers of different sizes for the relatively air tight preservation of foods therein.

2,064,412
REFRIGERATED STORAGE COMPARTMENT
Walter E. Carpenter, Belmar, N. J., assignor to The Dickerson Company, Newark, N. J., a corporation of New Jersey
Application March 4, 1935, Serial No. 9,188
7 Claims. (Cl. 62—99)



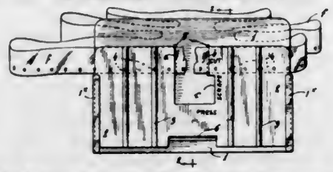
4. As a new article of manufacture a refrigerated storage cabinet including an insulated box having openings in the top thereof through which material may be inserted or removed, an evaporator unit disposed within the box and subdividing the box into a plurality of compartments registering with said openings, said evaporator unit including a plurality of thin plate like partition-forming evaporator sections, each section being hollow throughout and extending vertically of the box and substantially from the top to the bottom thereof, means providing communication between said evaporator sections and means for supplying refrigerant to and withdrawing refrigerant from said unit.

2,064,413
METHOD OF CHLORINATING HYDROCARBONS
Lee H. Clark, Grosse Ile, Mich., assignor to The Sharples Solvents Corporation, Philadelphia, Pa., a corporation of Delaware
Application February 1, 1934, Serial No. 709,394
2 Claims. (Cl. 260—166)



1. The process of chlorinating saturated aliphatic hydrocarbons containing three or more carbon atoms in vapor phase which comprises passing such hydrocarbons through a reactor in the presence of chlorine, separating chlorinated derivatives formed in the reactor from undesired material by passing material from the reactor through a fractionating column while maintaining a reflux of hydrocarbons to be chlorinated in said fractionating column and thereby absorbing a portion of the reflux hydrocarbons in the hydrogen chloride and finally recycling said hydrogen chloride in which a portion of the reflux hydrocarbons has been absorbed through the reactor and thereby chlorinating additional hydrocarbons.

2,064,414
FILM SPLICING DEVICE
Irwin E. Cohn and Wilfred E. Tait, New York, N. Y., assignors to Irwin Novelty Co., Inc., New York, N. Y., a corporation of New York
Application February 11, 1936, Serial No. 63,352
3 Claims. (Cl. 154—42)



1. A film splicing device comprising a base member, a presser plate slidably held upon the base member, the base member being provided with means for holding the two end sections of film in position for severing, and the presser plate having a cut-away section of L formation and being movable to three positions, the edges of the presser plate at said cut-away section affording gauges for determining the lines of cut in one position of the plate, a gauge for determining a scraping and adhesive area for one end of the film in a second position of the plate, the plate in the third position covering overlapping and adhered ends of the film and being adapted to exert pressure thereon.

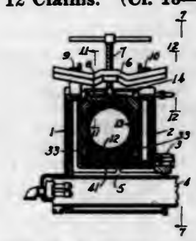
2,064,415
CAR LOADING DEVICE
Ben Colman, Detroit, Mich., assignor to The Worth Company, a corporation of Michigan
Application March 8, 1934, Serial No. 714,599
6 Claims. (Cl. 248—119)

1. An article of manufacture for use in a car loading device, comprising a plate having an apertured body portion, a folded portion at one end of the body portion, and a flange projecting



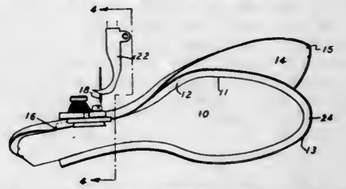
from the free end of the folded portion and at an angle to the plane of the folded portion.

2,064,416
VULCANIZER ADAPTER
Royal G. Daniel, Beverly Hills, Calif.
Application April 3, 1935, Serial No. 14,427
12 Claims. (Cl. 18—18)



1. An extensible adapter for tire vulcanizers, comprising a plate member, a shoulder member slidable on the plate member, the plate member having an opening, a pin on the shoulder member having a sliding connection with said opening, and a stop on the plate member projecting into said opening, limiting movement of the pin, and thereby limiting movement of the shoulder member relative to the plate member.

2,064,417
METHOD OF MAKING TURNED FOOTWEAR
Gennaro Del Re, Brooklyn, N. Y., assignor to Novelty Slipper Co. Inc., New York, N. Y., a corporation of New York
Application January 26, 1935, Serial No. 3,562
3 Claims. (Cl. 12—142)



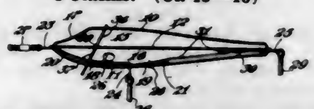
1. The herein described method of making turned footwear comprising providing a sole having a seam channel in its upper surface extending toward the sole edge to provide a sewing rib which lies flat against the body of the sole and extends continuously from at least the heel breastline at one side to the heel breastline at the other side, feeding said sole in a vertical plane with its edge presented perpendicularly to the axis of the straight needle of a vertically reciprocatory sewing machine, temporarily displacing the free edge of said rib laterally away from the sole body only at the point of stitching, folding the bottom edge of an upper in everted condition across the edge of the sole and against said sewing rib during such feeding movement, turning the article right side out following the stitching of the upper to the sole, lasting the turned article, and finishing the upper and the sole while the article is on the last.

2,064,418
ELECTRIC VIBRATOR
Percy O. Derringer, St. Louis, Mo., assignor to Knapp-Monarch Company, St. Louis, Mo., a corporation of Missouri
Application August 20, 1935, Serial No. 36,991
3 Claims. (Cl. 128—52)



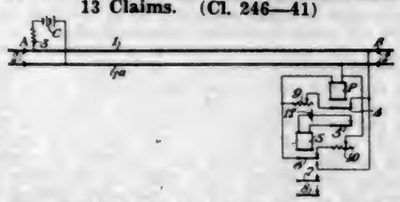
1. In an electric vibrator, a single supporting member of magnetic metal comprising a stamping of C-shape having diverging arms on the terminal ends of the arms of the supporting member, a casing, the diverging arms on one terminal arm of the supporting member being secured at their outer ends thereto, an electromagnet supported by said last mentioned terminal end and an applicator secured to the other terminal end of said supporting member, said last terminal end being adjacent the portion of said electromagnet opposite the supported end thereof.

2,064,419
FISH LURE
William J. De Witt, Auburn, N. Y., assignor to Shoe Form Co., Inc., Auburn, N. Y., a corporation of New York
Application August 17, 1935, Serial No. 36,676
4 Claims. (Cl. 43—46)



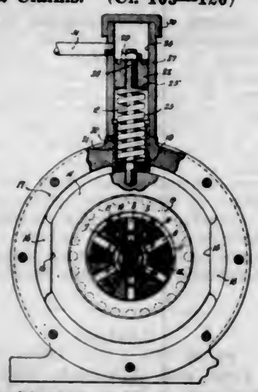
1. A fish lure comprising a hollow body simulating a minnow or other small fish and consisting of an upper concave section, a lower concave section and a partition forming with said sections upper and lower compartments, a frame within said lower compartment and secured to the section wall thereof and a weight carried by said frame, the upper compartment being watertight whereby the lure is buoyant and held upright by the weight.

2,064,420
RAILWAY TRACK CIRCUIT APPARATUS
Arthur E. Dodd, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application May 31, 1933, Serial No. 673,595
13 Claims. (Cl. 246—41)



1. In combination with a section of railway track and a source of current connected across the rails of said section, a primary relay and a secondary relay, a pickup circuit for said primary relay connected across the rails of said section and including a back contact of said secondary relay, a holding circuit for said primary relay connected across said rails and including a front contact of the primary relay, a shunt around the operating winding of said primary relay including a front contact of said secondary relay and a resistance, and a circuit for said secondary relay including a front contact of said primary relay.

2,064,421
PUMP GOVERNOR
Malcolm E. Erskine, Racine, Wis., assignor to Racine Tool and Machine Company, Racine, Wis., a corporation of Wisconsin
Application May 21, 1934, Serial No. 726,718
2 Claims. (Cl. 103—120)

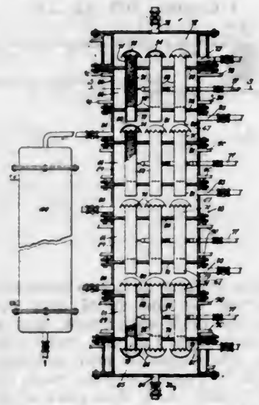


1. The combination with a pump having a rotor provided with vanes and a barrel cooperating with said vanes and rotor to form a plurality of pumping compartments, said barrel being shiftable to vary the eccentricity of the pump, a support, a cylinder on said support and connected with the discharge of said pump, a piston working in said cylinder in response to discharge pressure and directly connected to said barrel to shift said barrel toward a position of zero eccentricity, a spring opposing the movement of said piston by the pressure fluid, means including a part of said piston to vary the tension of said spring and a member adjustably mounted on said support for limiting the eccentric position of said barrel.

2,064,422
PROCESS AND APPARATUS FOR TREATING MINERAL OILS
Merrell R. Fenske and Wilbert B. McCluer, State College, Pa., assignors to Pennsylvania Petroleum Research Corporation, a corporation of Pennsylvania
Application November 9, 1933, Serial No. 697,344
12 Claims. (Cl. 196—13)

1. In a process for treating a mineral oil with a solvent, the steps of continuously flowing said oil and solvent counter-currently through a contacting column, engaging the counter-currently flowing oil and solvent phases in a plurality of phase contacting paths of relatively small cross-sectional area, and disengaging the oil and solvent phases to cause a layer formation thereof intermediate the ends of said column and between disconnected portions of said paths.

8. In combination, a column, means in said column for causing liquids to flow counter-currently through said column by virtue of a difference in density such as in the treatment of mineral oils, means in said column for engaging the liquid phases in a plurality of sets of phase



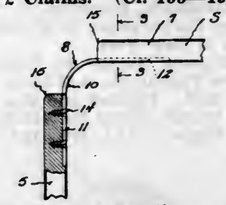
contacting paths of relatively small cross sectional area, and means for disengaging said phases intermediate said sets, and for causing at least one disengaged phase to assume a layer formation.

2,064,423
SUSPENDER SLIDE
Louis E. Giles, New York, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application December 11, 1935, Serial No. 53,849
4 Claims. (Cl. 24—73)



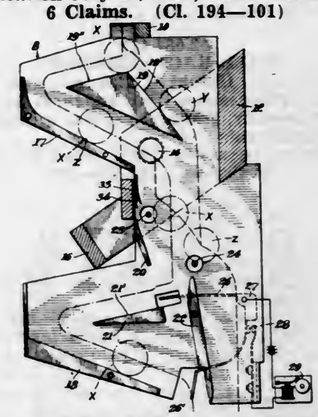
1. A buckle comprising spaced side bars and a plurality of parallel cross connecting bars including a lowermost bar having a button-attaching loop therein with its throat directed upwardly and enlarged at the entrance, and a closely overlying cross bar about which a supporting strap may be looped with the parts thereof directed upwardly, the spacing of the button-attaching loop-carrying bar and the overlying cross bar being such that a button adapted for engagement with the attaching loop can be inserted, or withdrawn, only by passing it through the space between the bar and the enlarged throat of the loop when in a tilted position with the upper part of the button tipped back, the opposite face portions of the button loop throughout being bounded by substantially parallel planes which are displaced forwardly of the planes bounding the opposite face portions of the overlying cross bar so as to tend to cause a button when moved upwardly in the attaching loop to have its upper part thrust to a position clear of the forward surface of the part of a strap which may be looped about the overlying bar and thus prevent accidental detachment.

2,064,424
FURNITURE SIDE FRAME
William L. Gittings, Racine, Wis., assignor to Gold Metal Folding Furniture Co., Racine, Wis., a corporation of Wisconsin
Application December 16, 1935, Serial No. 54,655
2 Claims. (Cl. 155—191)



1. In an article of furniture, a pair of angularly disposed wood pieces having their adjacent ends spaced, an ornamental metal corner piece connecting said adjacent ends including a body portion located between said ends and exposed to view, and attaching portions countersunk in the inner faces of said wood pieces, said attaching portions being of less width than the body portion whereby to define shoulders abutting the ends of said wood pieces.

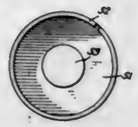
2,064,425
COIN ASSORTING AND SELECTING MECHANISM
John Gottfried, New Haven, Conn., assignor to B. & G. Coin Selectors, Incorporated, Bridgeport, Conn.
Application July 16, 1932, Serial No. 622,856
6 Claims. (Cl. 194—101)



1. An apparatus of the character described, including, in combination, a magnet having a plurality of pairs of pole pieces in staggered relation, a plurality of sections for coins or checks of various denominations or values, each section having a discharge path for improper and spurious coins and checks and a deposit pathway for proper genuine coins and checks, said pathways having a course through one pair of pole pieces whereby all coins and checks in said course break the magnetic flux lines and are variably retarded by the magnetic eddy currents thus formed, and means for deflecting the improper and spurious coins and checks into the discharge pathways, said deflecting means including a plurality of abutments located in each section and spaced apart so as to permit the free passage therebetween of proper genuine coins and to give a single deflection to the faster

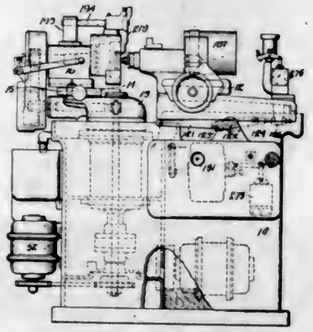
moving spurious and improper coins and checks and successive deflections to the slower moving ones.

2,064,426
HEARING-AID DEVICE
Emil Henry Greibach, Brooklyn, N. Y., assignor to Sonotone Corporation, New York, N. Y., a corporation of New York
Original application August 10, 1931, Serial No. 556,158, now Patent No. 1,973,410, dated September 11, 1934. Divided and this application September 1, 1934, Serial No. 742,412
4 Claims. (Cl. 179—181)



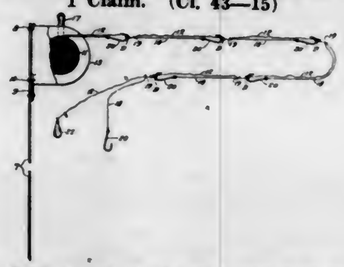
1. In a wearable hearing-aid device, an electromagnetic sound reproducing vibrating mechanism having a magnetic system for actuating an armature, an armature diaphragm unit comprising a diaphragm of thin resilient metal, a split ring of resilient metal integrally united to the periphery of said diaphragm, and an armature integrally united to the center of said diaphragm adapted to be actuated by said magnetic system, said split ring being compressed from an originally larger diameter and exerting under the action of its internal forces radial forces maintaining said diaphragm in a radially tensioned condition.

2,064,427
BALL RACE GRINDER
Daniel Gurney, Harold E. Balsiger, and Conrad L. Ott, Waynesboro, Pa., assignors to Landis Tool Company, Waynesboro, Pa., a corporation of Pennsylvania
Application August 31, 1933, Serial No. 687,716
24 Claims. (Cl. 51—97)



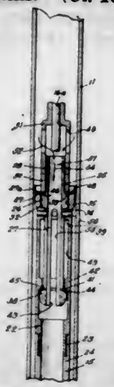
1. In a machine of the kind described, a headstock, a headstock spindle, means for oscillating said headstock, means for rotating said spindle comprising a jack shaft extending radially from the center of oscillation, a worm wheel on said shaft means for driving said shaft comprising a shaft having an axis co-incident with the axis of oscillation, a worm gear on said driving shaft adapted to mesh with said worm wheel driving mechanism for said driving shaft, said gearing being adapted to minimize the effect of oscillation on the headstock drive.

2,064,428
FISHLINE SUPPORTING AND REELING DEVICE
Noland D. Hathaway, Omaha, Nebr.
Application January 18, 1936, Serial No. 59,703
1 Claim. (Cl. 43—15)



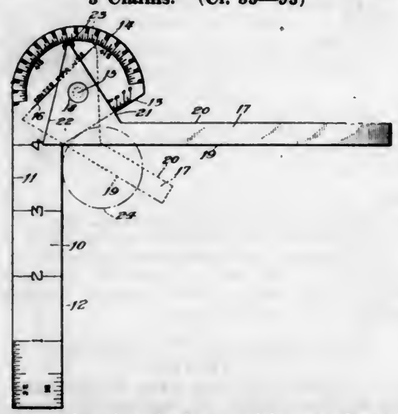
In a fishline reeling device, a rotatable spool, a fishline carried by the spool and provided at longitudinal intervals with loops, and a plurality of leaders each joined at one end to the fishline and having the opposite end provided with a hook adapted to engage a loop, each leader having a lesser length than that part of the fishline between said engaged loop and the junction therewith of said leader.

2,064,429
TUBING SEAL FOR RECIPROCATING PUMPS
Frank M. Hudson, Walnut Park, Calif., assignor to Pacific Pump Works, Ltd., Huntington Park, Calif., a corporation of California
Application April 10, 1934, Serial No. 719,873
16 Claims. (Cl. 103—181)



1. A sealing device of the character described, adapted for use in a tubing, including: a lower sleeve member adapted to be lowered through said tubing; an upper sleeve member in telescoping engagement with said lower sleeve member and adapted to be moved between collapsed and extended relation thereto, there being a sealing element on said upper sleeve member engaging said tubing, such sealing element being cup-shaped and being so supported that it may turn inside out when moved upwardly relative to said tubing, and there being a by-pass passage through said upper sleeve member extending from a point above said sealing element to a point below said sealing element; and means carried by said lower sleeve member for closing said passage when said sleeve members are in collapsed relation, said by-pass passage being open when said sleeve members are in extended relation so as to permit a by-pass of fluid through said sealing device from one side to another of said sealing element.

2,064,430
COMBINATION DRILL POINT GAUGE, BEVEL PROTRACTOR, AND CENTER HEAD
Gladwin E. Johnson, Chicago, Ill.
Application April 13, 1936, Serial No. 74,027
3 Claims. (Cl. 33—93)



1. A combination tool comprising an elongated flat body member having two straight intersecting edges forming a fixed obtuse angle at one side by the body between its ends, said angle being complemental to a drill point to be gauged, a protractor scale on the end of said body, and a second elongated member having a straight edged arm and an indicator head pivotally connected in superimposed relation to the said body, between the scale and said intersecting edges, one edge of said arm bisecting said fixed angle on the body member at its vortex when the indicator head registers with a point on the protractor scale designating a degree equal to one-half of said angle.

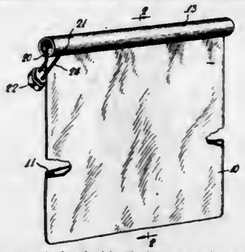
2,064,431
CATAMENIAL BANDAGE
August P. Jurgensen, New York, N. Y., assignor to International Cellucotton Products Company, Chicago, Ill., a corporation of Delaware
Application September 29, 1934, Serial No. 746,128
2 Claims. (Cl. 128—290)



2. A catamenial bandage provided with an elongated absorbent pad or filler element which is provided adjacent each end with a pair of elongated, weakened zones, each zone extending from the vicinity of a lateral edge of the pad a substantial distance towards the longitudinal center of the adjacent end of the pad, said zones facilitating bending of the pad approximately to form-fitting shape.

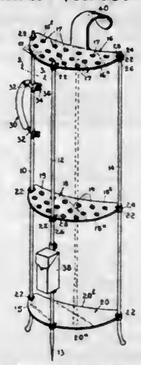
2,064,432
SEALABLE CONTAINER
Frank Keidel, Elmhurst, N. Y., assignor to The International Seal and Knot Protector Co., New York, N. Y., a corporation of New York
Application April 25, 1936, Serial No. 76,306
3 Claims. (Cl. 150—3)

1. A bag having a mouth edge which is thickened along the major portion of the length thereof and which is substantially flat along a comparatively short portion of the length thereof, and an aperture through the flat portion of said edge, and a tubular closure member of non-



bendable material slotted to receive the walls of said bag adjacent to said thickened edge, and having an aperture near one end to align with said bag aperture when in closed position, said apertures being adapted to receive a seal when in said position.

2,064,433
BALL-CLUB CARRIER
Leon S. Kronthal, New York, N. Y.
Application July 29, 1935, Serial No. 33,635
5 Claims. (Cl. 150—1.5)



1. A portable golf club carrier comprising a plurality of spaced longitudinally extending rods and a plurality of spaced transversely-extending plates having inner concave edges, said edges extending substantially entirely along continuous curves, two of said plates having aligned openings therethrough adapted to receive the handles of golf clubs therein, said inner concave edges being positioned laterally beyond said rods, means for supporting said clubs with their handles extending through said openings, and rigid means rigidly fixed to the topmost plate adjacent its concave edge for supporting the carrier on a person's shoulder with the concave edges of said plates in engagement with the person's back.

2,064,434
DISPLAY DEVICE
Nathan Joseph Leigh, Great Neck, N. Y., assignor to Einson-Freeman Co., Inc., Long Island City, N. Y., a corporation of Delaware
Application November 14, 1935, Serial No. 49,676
4 Claims. (Cl. 40—126)

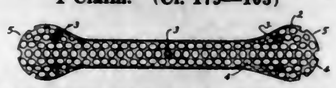
1. A knock-down display device comprising a single blank of sheet material shaped into the

form of a collapsible hollow elongated prism of polygonal cross-section, certain adjacent walls of said prism simulating adjacent walls of a container for an elongated tubular article of merchandise, and a second blank of sheet ma-



terial disposed in one end of said prism in partly projecting position with its exposed portion bent into arcuate cross-section so as to simulate the front of said tubular article of manufacture.

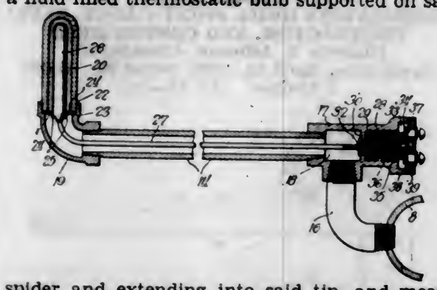
2,064,435
REENFORCEMENT FOR MOLDED ARTICLES
Louis J. Loeffler, Stapleton, N. Y.
Application June 12, 1934, Serial No. 730,235
1 Claim. (Cl. 179—103)



A molded telephone hand set having spaced mouthpiece and earphone, a metal perforated reenforcing element having a shell shaped portion at each end approximating the shape of the mouthpiece and ear phone, respectively, and having the portion intermediate its ends in the form of a U-shaped channel approximating the shape of the intermediate portion of the hand set, said reenforcing element extending over substantially the entire back of the hand set, a molding composition forming the body of the hand set and extending through said perforations to form a rigid structure, and a spacing means comprising a plurality of spaced, tapered pointed studs carried by and projecting from the convex face of said reenforcing element, the points of said studs lying flush with the outer surface of the hand set and being adapted to support the reenforcing element during the molding operation whereby only the points of said studs are visible on the surface of the finished hand set.

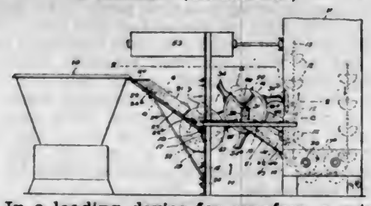
2,064,436
ELECTRIC SAFETY PILOT
Harold A. Mantz, Milwaukee, Wis., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis., a corporation of Wisconsin
Application October 1, 1934, Serial No. 746,391
3 Claims. (Cl. 158—117.1)

1. In a pilot burner construction, a lighted tube, a housing at one end of said tube connected to a fuel supply manifold, a terminal plate carried by said housing, switch contacts therein, a closed chamber in said housing having a bellows secured to one wall thereof, contact bridging means carried by said bellows and positioned to engage said contacts upon movement of said bellows, an elbow at the opposite end of said tube, a cup-shaped hollow porous pilot tip supported on said elbow and receiving fuel from said manifold, a spider interposed between the open end of said tip and said elbow, a fluid filled thermostatic bulb supported on said



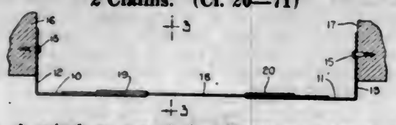
spider and extending into said tip, and means providing communication between the interior of said bellows and said bulb and disposed within said lighter tube whereby expansion of the fluid within said bulb in response to temperatures at said pilot tip will produce mechanical movement of said bellows.

2,064,437
LOADING DEVICE FOR PROOFERS
Fred Marasso, Joliet, Ill., assignor to Union Machinery Company, Joliet, Ill., a corporation of Illinois
Application March 25, 1936, Serial No. 70,732
8 Claims. (Cl. 198—31)



1. In a loading device for proofers, a rotatory spaced drum having spaced annular grooves extending inward from its periphery, the intermediate parts of the drum between the grooves being notched inwardly from the periphery at equi-distant spaces to provide pockets for conveying dough lumps, in combination with a rotatory transfer element having fingers arranged to pass through said grooves in the drum and pick up dough lumps contained in the pockets.

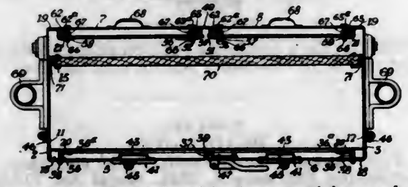
2,064,438
GUARD FOR WINDOW SILLS
Minnie L. McNulty, New York, N. Y.
Application March 22, 1935, Serial No. 12,348
2 Claims. (Cl. 20—71)



1. A window guard for flower pots and the like, comprising two L-shaped end members having, respectively, substantially rectangular, angularly related portions, one of said portions of respective end members being arranged for securement in vertical position to the vertical sides of and at the lower part of a window

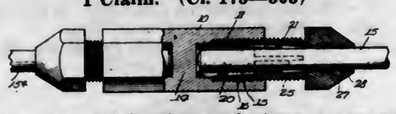
frame, the other portion of respective end members being adapted to normally lie in a vertical plane parallel to and within the general dimensions of the window frame, slotted guide means provided in the free ends of respective end members; and an intermediate member frictionally interconnected with the said respective slotted guide members of said end members and extending parallel to and substantially in the same vertical plane, said intermediate member having a vertical dimension substantially equal to the vertical dimension of said end members.

2,064,439
CABINET
William C. McWhirter, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application December 28, 1934, Serial No. 759,546
4 Claims. (Cl. 312—141)



1. A pressed steel cabinet comprising a base having an upwardly extending forward flange provided with a U-shaped return bend forming an outwardly facing groove, end walls secured at their lower ends to said base and each provided at its forward edge with a flange having an integral U-shaped return bend which forms an outwardly facing groove, a top secured to the upper ends of said end walls and provided at its forward side with a depending flange member having a U-shaped return bend forming an outwardly facing groove, packing disposed in each of said outwardly facing grooves, and front doors secured to said cabinet and each provided with inwardly extending flanges formed at their inner ends with angularly disposed portions which cooperate with said packing when the doors are closed, said packing being of pliable material and being angularly shaped in such manner that the angular portions on the flanges of the doors will engage only a narrow edge of the packing, thereby providing an easily compressed weatherproof joint.

2,064,440
ELECTRIC CONNECTER
Robert A. Meeker, Chicago, Ill.
Application September 4, 1934, Serial No. 742,562
1 Claim. (Cl. 173—303)

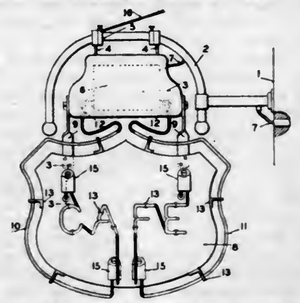


As a new article of manufacture, a connecter for an electrical conductor, comprising an elongated body having an internally threaded bore in one end thereof and a polygonal socket at the inner end of the bore, a longitudinally split one piece sleeve for the conductor designed to fit within the bore and having its outer periphery tapered from the inner end thereof to its outer end and also having a polygonal head at its inner end adapted to fit within the socket and shaped conformably to the latter so that it coacts therewith to hold the sleeve against rotation relatively to the body, and a nut embodying a longitudinally slit sleeve portion with an external screw thread for engaging the internally threaded bore, and having an outwardly tapered sleeve-receiving bore whereby when the nut is screwed into the body the sleeve portion is expanded into locked relation with the body and the sleeve is contracted around the conductor.

2,064,441
PROCESS OF MAKING MANGANESE CHROMIUM STEEL
George P. Messenger, Chicago, Ill., assignor to Kensington Steel Company, Chicago, Ill., a corporation of Illinois
No Drawing. Application April 29, 1935, Serial No. 18,873
7 Claims. (Cl. 75—127)

1. Process of making manganese chrome steel containing a substantial quantity of manganese which comprises: first melting together iron, chromite ore and a manganese containing reducing agent which reduces the chromite ore with the formation of manganese oxide; and thereafter adding to the melt a silicon containing reducing agent in sufficient quantity to reduce iron oxides in the melt with the formation of silica; the manganese being introduced in sufficient quantity to provide the required manganese content in the finished alloy, to reduce the chromite ore and to provide sufficient manganese oxide to combine with substantially all of the silica in the melt, forming a manganese silicate compound, fluid at temperatures of the melt and of low gravity so that it will rise to the top of the melt and, by this operation, free the metal of deleterious oxides.

2,064,442
GASEOUS ELECTRIC SIGN
Clyde D. Mitchell and Otto A. Rieman, St. Louis, Mo.
Application February 28, 1934, Serial No. 713,274
7 Claims. (Cl. 40—130)

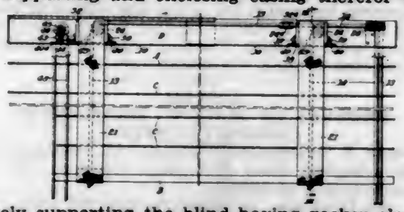


3. In a gaseous electric sign installation, an upright support, an inverted U-shaped arm extending outwardly from the support, an electric transformer, means for suspending the transformer within the U of the arm, a plate, means for suspending the plate from the transformer, glass tubing mounted on the surface of each side of the plate, and means for electrically connecting the tubes in series and to the transformer.

2,064,443
VENETIAN BLIND
Hubert Moore, Sewickley, Pa., assignor to Rolscreen Company, Pella, Iowa
Application April 25, 1935, Serial No. 18,196
18 Claims. (Cl. 156—17)

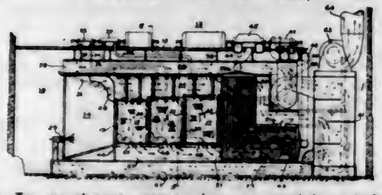
1. In a Venetian blind structure, a part-cylindrical rotatable rocker, supporting tapes secured

to the rocker and extending around over its outer surface and freely downwardly from opposite sides thereof, means for rotating said rocker, and a supporting and enclosing casing therefor en-



tirely supporting the blind having rocker clearance openings in its bottom, said rocker having portions insertable through said openings when tilted downwardly at either side.

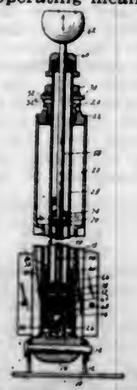
2,064,444
STEAM GENERATOR REHEATER
Donald J. Mosshart, Springfield, and Robert A. Foresman, Moores, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application September 19, 1933, Serial No. 690,162
2 Claims. (Cl. 122—480)



2. In a steam generator comprising tubular means through which motive medium passes, a structure providing a plurality of heat chambers including an initial radiant heat chamber and a convection heat chamber with one or more intervening convection heat chambers, said chambers being disposed in vertical side-by-side relation and each chamber having a portion of the tubular means disposed therein, combustion means at the lower end of the radiant heat chamber, a horizontal passage communicating with the upper ends of the radiant heat chamber and of the convection heat chambers, an intermediate horizontal passage communicating with the lower end or ends of the intervening convection heat chamber or chambers and communicating with an intermediate portion of the final convection heat chamber, dampers for controlling communication of each of the intervening convection heat chamber or chambers with the intermediate passage, an outlet passage, and dampers for controlling communication of the final convection chamber with the outlet passage.

2,064,445
BUMPER JACK
Leonard D. Nilson, Wayzata, Minn.
Application September 10, 1935, Serial No. 39,929
20 Claims. (Cl. 254—93)

1. In a bumper jack, a vertical cylinder, bumper engaging means slidable thereon and having means at the side of said cylinder for supporting a bumper, lifting means within said cylinder and having a portion projecting above the upper end thereof, a yoke connection between said portion and said bumper engaging means to raise the bumper engaging means when the lifting means is operated and operating means for said lifting



means having a vertically reciprocable handle extending out of the upper end of said portion.

2,064,446
HEADLIGHT
Peter Anton Peters, Essen, Ruhr, Germany
Application February 8, 1934, Serial No. 710,307
In Germany February 10, 1933
2 Claims. (Cl. 240—48.4)



1. In a vehicle head lamp having a main concave reflector, a convex reflector which covers substantially the upper half of the head lamp, mounted between the front glass of the lamp and the source of light and disposed substantially entirely within the area of the main reflector, the convex surface of the reflector being arranged to face the source of light and the lower edge of the convex reflector being disposed above the axial center of the source of light whereby direct horizontal rays may be projected forwardly by the main reflector.

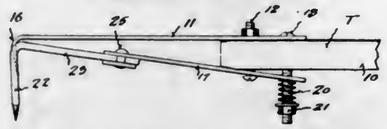
2,064,447
SLIDE BUCKLE
Frederick R. Reutter, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application December 13, 1935, Serial No. 54,214
6 Claims. (Cl. 24—200)



1. A buckle frame comprising a pair of spaced side members, and a plurality of cross bars extending from one of the side members to the other to form a plurality of slots through which a strap may be passed, said frame being characterized in that some of said cross bars are detached at one of their ends from one of the

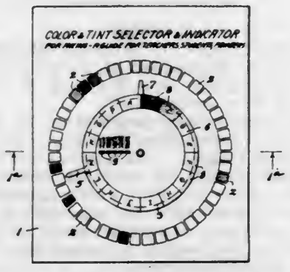
side members so that they may be sprung away therefrom to form openings through which a strap may be passed edgewise into the frame, and then sprung back into contact with the side member to close the openings, and the free side member is provided with means for securing the detached ends of the cross bars thereto.

2,064,448
GARDEN TOOL
John G. Rieff, London, Wis.
Application January 9, 1936, Serial No. 58,284
2 Claims. (Cl. 55—65)



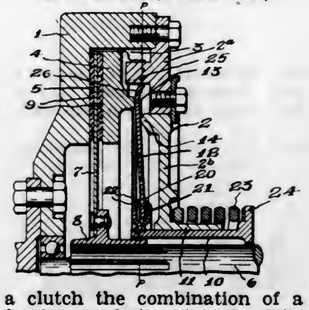
1. A garden tool comprising an elongated operating handle, a forwardly extending plate rigidly secured to one face of the handle, a depending claw formed on the plate, ground-working prongs rockably mounted on another face of the handle, the prongs and the teeth of the claw both extending in the same direction, with the teeth of the claw arranged between the prongs, the claw and prongs being movable toward one another when downward pressure is exerted on the handle.

2,064,449
COLOR SELECTOR AND INDICATOR
Benjamin B. Rochius, Cleveland, Ohio
Application March 1, 1935, Serial No. 8,935
3 Claims. (Cl. 35—26)



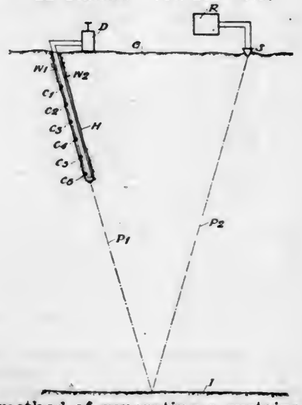
1. A device of the class described, comprising a member having thereon a color chart which includes composite colors and various shades and tints thereof, another member having thereon, a second color chart of basic colors which includes primary and intermediate colors having appropriate identifying indicia associated therewith, said primary and intermediate colors of the second chart constituting the component color parts of the composite colors, shades and tints of the first chart, a member carrying indicia corresponding to the indicia aforesaid together with their proportionate relations, and the second named member having relative movement with respect to and adapted to coact with said last mentioned member for coordinating the indicia of the second chart incident to the preselection of a color, shade or tint of the first chart, whereby to indicate the component primary and intermediate color parts and relative proportions of the same which produce the preselected color, shade or tint.

2,064,450
CLUTCH
Charles B. Spase, Nedrow, N. Y., assignor to W. C. Lipe Inc., Syracuse, N. Y., a corporation of New York
Application April 4, 1932, Serial No. 602,888
Renewed September 21, 1934
22 Claims. (Cl. 192—68)



1. In a clutch the combination of a driving member having an abutment, and a driven member, a pressure ring opposed to the abutment rotatable with the driving member and shiftable axially thereof, the driven member including a shaft, and clutch means mounted on the shaft and extending between the pressure ring and the abutment, motion transmitting and multiplying levers extending outwardly relatively to the shaft, the levers slidably fulcruming on the driving member and slidably pressing on the pressure ring, and a sleeve shiftable axially of the shaft, and the inner ends of the levers being to tend to move outward under the centrifugal force, the levers being arranged to shift from one side to the other of the fulcrum plane and being arranged relative to the fulcrum so that the centrifugal force on the inner ends of the levers tends to hold the clutch engaged when it is engaged, and tends to hold it disengaged when disengaged, and a spring acting on the levers connected to the sleeve to move therewith and tending to hold the clutch engaged.

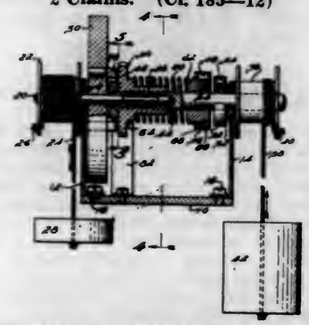
2,064,451
SEISMIC SURVEYING
Vanderveer Voorhees, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application August 15, 1935, Serial No. 36,374
11 Claims. (Cl. 181—0.5)



1. A method of generating a sustained seismic wave for use in seismic surveying which com-

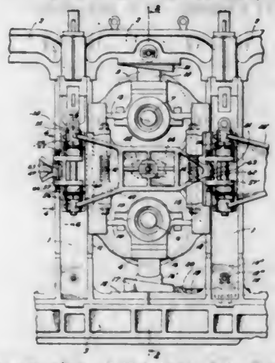
prises arranging a plurality of explosive charges in a substantially linear relationship to each other in the direction which the desired seismic wave is to take, the spacing between each adjacent pair of said charges being substantially integrally related to the spacing between other adjacent pairs of said charges, and simultaneously detonating said charges.

2,064,452
POWER TRANSMITTING MECHANISM
Chester Roy Watson, deceased, late of Detroit, Mich., by Cecelia L. Watson, executrix, Detroit, Mich.
Application August 30, 1934, Serial No. 742,058
2 Claims. (Cl. 185—12)



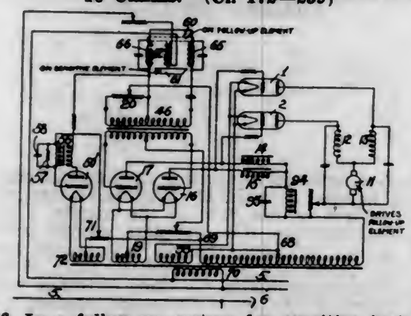
1. A torque converter including in combination a rotatable driving member and a rotatable driven member coaxially disposed, energy storing means mounted on and constantly driven by said driving member, a member resiliently connected to said driven member adapted to cooperate with said energy storing means, and a projection upon said energy storing means for imparting a series of hammerlike blows to said member to effect rotation of said driven member thereby.

2,064,453
FORMING MILL
Stephen William Wheeler, Youngstown, Ohio, assignor to Republic Steel Corporation, Cleveland, Ohio, a corporation of New Jersey
Application March 30, 1936, Serial No. 71,569
12 Claims. (Cl. 80—34)



1. In apparatus of the type described, a frame structure comprising a pair of horizontally spaced uprights supporting horizontal rolls therebetween, a vertical roll housing, hinge means for securing said housing to the outer side of one of said uprights, whereby said housing may swing clear of the frame structure, and means for adjusting said housing in a vertical direction.

2,064,454
VARIABLE SPEED MOTOR CONTROL
Bruno A. Wittkuhns, Chatham, N. J., and Frederic M. Watkins, Forest Hills, N. Y., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York
Application June 30, 1931, Serial No. 547,872
16 Claims. (Cl. 172—239)



6. In a follow-up system for sensitive instruments, the combination with a sensitive and a following element, of a grid-glow tube relay amplifying system, means controlled by relative movement of the sensitive and follow-up elements for governing the input to said system, a motor governed by the output of said system for driving said following element, and a feed back means in said system for preventing mechanical hunting of the said motor.

2,064,455
PRODUCTION OF MOTOR BENZOL
Clifford Banta, Englewood, N. J., assignor to The Barrett Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application July 30, 1930, Serial No. 471,901
9 Claims. (Cl. 196—40)

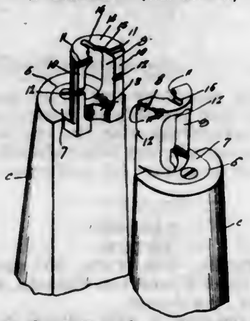
1. In the method of refining benzol crudes containing water the step which comprises agitating the crudes with an amount of 66° Bé. sulfuric acid not exceeding about 0.13 pound per gallon of the crudes but exceeding that required to dehydrate crudes.

2,064,456
METHOD OF WOOD-GRAINING
John Oliver Black, Detroit, Mich.
No Drawing. Application September 10, 1931, Serial No. 562,203
1 Claim. (Cl. 41—26)

In the production of pre-shaped ensemble units, wherein the unit is of sheet metal characteristic with the surface of the unit ornamented in simulation of wood graining, and wherein the sheet metal is subjected to heavy stress conditions by the sheet manipulation during fashioning of the ensemble unit, the method of producing the unit which consists in applying to the cleansed basic stock from which the unit is to be fashioned a coating of elastic paint, then hardening the coat by the application of oven heat, then applying and affixing an imitation wood graining to the hardened surface of the coat by the application of oven heat to complete the graining ornamentation of the unit while in stock form with the graining ornamentation exposed and then fashioning the unit from the ornamented stock to produce the desired shaped form of the unit, whereby damage to the applied ornamentation produced by the shaping stresses during the unit shaping will be prevented by the elastic coating.

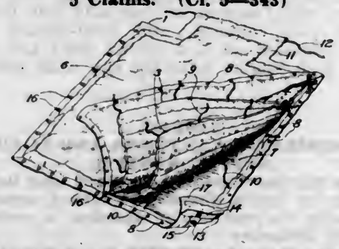
CARNEGIE LIBRARY OF ATLANTA

2,064,457
TOOL
Lyle F. Black, Roanoke, Va.
Application January 14, 1936, Serial No. 59,122
2 Claims. (Cl. 81—6)



1. In a tool of the character described comprising a pair of separable jaws, a semi-cylindrical section attached to the outer end of each of the jaws, said section being provided with plane opposed surfaces each having a transverse groove therein, said sections being of hollow construction and provided with a semi-circular shaped opening in each end thereof, each of said sections being provided at its outer end with a slot merging with and extending radially with respect to the corresponding semi-circular shaped openings.

2,064,458
SLEEPING ROBE
Harry Cecil Bulpit and Spencer Sutherland Holden, Ottawa, Ontario, Canada, assignors to Grant-Holden-Graham Limited, Ottawa, Ontario, Canada
Application December 14, 1935, Serial No. 54,461
In Canada October 10, 1935
5 Claims. (Cl. 5—343)



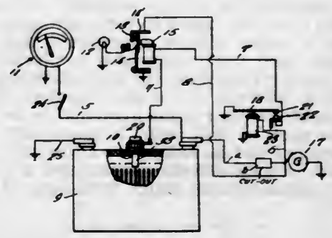
1. A sleeping robe comprising a unitary envelope which when folded longitudinally provides a mattress housing portion and a cover portion, a unitary mattress section secured within the mattress housing portion and a plurality of freely foldable sections hinged to one longitudinal edge of the mattress section, each of said foldable sections being arranged to be folded into either the mattress housing portion or the cover portion.

2,064,459
WINDOW CONSTRUCTION
Emil F. Bumann, Chicago, Ill.
Application April 10, 1936, Serial No. 73,665
6 Claims. (Cl. 20—47)



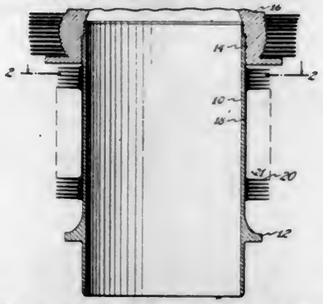
1. A window construction including in combination a window frame, counterweighted sashes slidably mounted therein, parting beads removably engaged in the frame between the sashes, removable facing strips in the frame, means for releasably holding the facing strips in position, socket means mounted in the frame and on the inner sides of the sashes, screw-eye members releasably engaged in the sockets of said sashes, and stub shaft members projecting through the screw-eye members and releasably engaged in the socket means mounted in the frame to permit the sashes to be pivotally swung downwardly on the inner side of the frame, when the facing strips and the parting beads are removed.

2,064,460
BATTERY AND GENERATOR INDICATOR
Wayne D. Carr and Henry E. Shirey, Pinckney, Mich.
Application January 16, 1933, Serial No. 652,058
3 Claims. (Cl. 177—311)



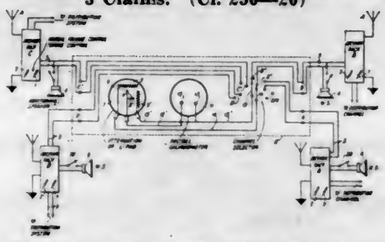
3. In a battery charging circuit, comprising a battery, a generator, and a cutout; a signal circuit, including a signal means, a normally-closed electromagnetic switch and the generator; a control circuit, including an electrolytic path through the battery when the electrolyte is substantially at normal level, the generator, the electromagnet controlling the switch in the signal circuit, and a normally-open electromagnetic switch; and an actuating circuit, including electromagnet controlling the normally-open switch in parallel with the generator.

2,064,461
CYLINDER FIN CONSTRUCTION
Roland Chilton, Ridgewood, and Rudolph F. Gagg, Fair Lawn, N. J., assignors to The Reed Propeller Co., Inc., a corporation of New York
Application March 17, 1936, Serial No. 69,289
6 Claims. (Cl. 257—261)



1. The combination with a cylinder barrel having a reduced external diameter intermediate its ends, of a plurality of endless fins having a bore sufficiently large to pass one said end, and a split sleeve closely enveloping said barrel and onto which said fins are shrunk.

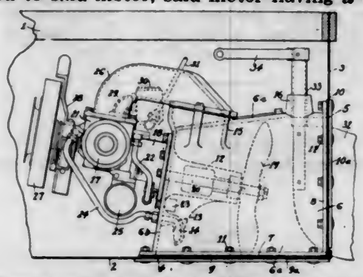
2,064,462
VISUAL VOLUME CONTROL
Palmer M. Craig, Camden, and Albert K. Ward, Audubon, N. J., assignors to Radio Corporation of America, a corporation of Delaware
Application July 20, 1932, Serial No. 623,534
3 Claims. (Cl. 250—20)



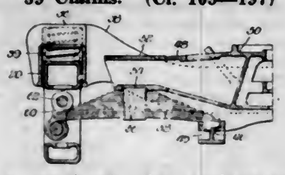
1. In combination with a plurality of centralized radio channels tuned to different signal frequencies, a visual volume monitoring and indicator unit, said unit comprising a plurality of pairs of contacts, each pair of contacts being connected to a different one of said channels, a pair of adjustable selector arms arranged to be connected to each of said pairs, a constantly variable resistance pad including two adjustable arms connected to said selector arms, and a galvanometer connected in shunt with one of said arms.

2,064,463
MOTOR BOAT AND DRIVING UNIT THEREFOR
Powel Crosley, Jr., Cincinnati, Ohio, assignor to The Crosley Radio Corporation, Cincinnati, Ohio, a corporation of Ohio
Application March 18, 1933, Serial No. 661,608
2 Claims. (Cl. 115—34)

1. A boat driving unit comprising a casing with side, top and forward walls and opening rearwardly and downwardly from between said side walls to cover and close an opening in the stern wall and bottom structure of a boat and having openings in the top and forward walls, a motor permanently mounted on, and over said opening in the forward wall of the casing, and a propeller mounted inside said casing and operatively connected to said motor, said motor having a combined exhaust manifold and brace unit rigidly connected to said motor and to the top of said casing and registering with the opening in the top of the casing whereby said exhaust manifold unit will serve as a brace for said motor.



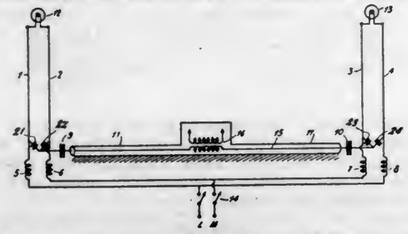
2,064,464
TRUCK
Robert F. Darby, Oak Park, Ill., assignor to American Steel Foundries, Chicago, Ill., a corporation of New Jersey
Application October 5, 1931, Serial No. 566,870
39 Claims. (Cl. 105—197)



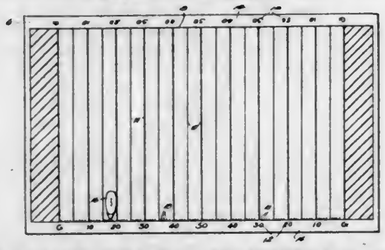
1. In a car truck, the combination of side frames each including a tension and compression member and spaced integrally connecting columns forming a window, a transom connecting said side frames and including spaced members having end connecting members extending over and embracing said compression members and having coil spring seats, coil springs mounted between said seats and said compression member whereby said transom is slidably and resiliently mounted on said side frames, a bolster disposed between said spaced members, spring seats disposed on said transom and on said side frames between said columns, and semi-elliptic leaf springs mounted on said spring seats and supporting said bolster adjacent the ends thereof.

2,064,465
COMBINATION ANTENNA AND LOAD SUPPLY SYSTEM
Norman Eustace Davis, Chelmsford, and Roland Champion Quick, Shenfield, England, assignors to Radio Corporation of America, a corporation of Delaware
Application November 22, 1932, Serial No. 643,862
In Great Britain December 19, 1931
5 Claims. (Cl. 250—33)

1. The combination with an antenna system having two vertical radiating aerials spaced apart and a screened horizontal feeder connected to high frequency apparatus extending between said two aerials and coupled thereto, of an electrical power supply circuit coupled to both said aerials, utilization circuits for said power circuit connected to said aerials comprising lamps, one of which is individual to each aerial, said aerials constituting power supply leads for said lamps, choke coils between said power circuit and said aerials and located at the junction thereof for preventing the flow of high frequency currents in said power circuit, and condensers between said feeder and said power circuit for preventing the flow of energy from said power circuit to said high frequency apparatus, whereby the directional qualities of said aerials are unaffected by said low frequency circuit.

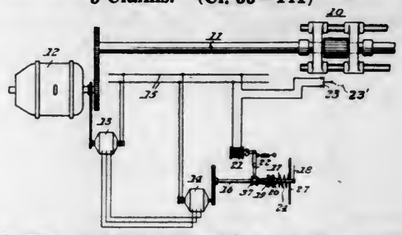


2,064,466
FOOTBALL GAME
Hugh B. Downey, Kansas City, Mo.
Application October 16, 1933, Serial No. 693,855
1 Claim. (Cl. 273—152)



In a game of the character described, a deck of playing cards divided into three separate, isolated groups of cards; matter carried on one side of each card respectively of the first group to indicate that the cards thereof belong to that group and further indicating that other matter on the cards of the first group represent pass plays of a football game; matter carried on one side of each card respectively of the second group to indicate that the cards thereof belong to that group and further indicating that other matter on the cards of the second group represent punt plays of a football game; matter carried on one side of each card respectively of the third group to indicate that the cards thereof belong to that group and further indicating that other matter on the cards of the third group represent scrimmage plays of a football game; matter carried by the other side of each card respectively of the first group of cards indicating the nature of pass plays of a football game to be made as the cards are removed from the group; matter carried by the other side of each card respectively of the second group of cards indicating the nature of punt plays of a football game to be made as the cards are removed from the group; and matter carried by the other side of each card respectively of the third group of cards indicating the nature of scrimmage plays of a football game to be made as the cards are removed from the group, the matter carried by the said other sides of each card in each of the said three groups being arranged on certain of the cards of each group to indicate more than one type of pass, punt and scrimmage plays, said arrangement of the matter on said certain cards being related to the ends of those cards whereby the play is restricted to one type of play governed by the position of the card when held by the player, the number of cards in the third group of cards being appreciably greater than the number of cards in the first and second group, certain of the cards in each group having designating matter thereon to indicate individual yardage gains while certain other cards in each group have designating matter thereon to indicate yardage losses.

2,064,467
MEASURING DEVICE
Archibald D. Evans, Warren, Ohio, assignor to The Wean Engineering Company, Incorporated, Warren, Ohio, a corporation of Ohio
Application May 24, 1932, Serial No. 613,167
5 Claims. (Cl. 33—141)



5. The combination with a rolling mill, of means for indicating the length of material passing therethrough, comprising an indicator and a shaft for actuating said indicator, means controlled by the passing material for actuating said shaft for a time proportional to the length of the material, and means effective on said shaft continuously, to return it to its initial position after each operation by said actuating means.

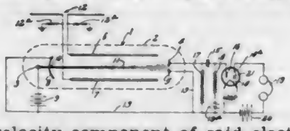
2,064,468
PRODUCTION OF PHTHALIC ANHYDRIDE IN FINELY DIVIDED SOLID FORM
Harold B. Foster, Williamsville, N. Y., assignor to National Aniline & Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application April 27, 1933, Serial No. 668,159
11 Claims. (Cl. 260—123)

1. The method of obtaining phthalic anhydride in the solid form which comprises providing phthalic anhydride in the vapor form, cooling the phthalic anhydride vapor, and diluting it with an inert gas, whereby phthalic anhydride is precipitated in the form of finely divided solid particles.

2,064,469
DEVICE FOR AND METHOD OF CONTROLLING HIGH FREQUENCY CURRENTS
Andrew V. Haeff, Pasadena, Calif., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application October 23, 1933, Serial No. 694,794
Renewed May 20, 1936
23 Claims. (Cl. 250—27)

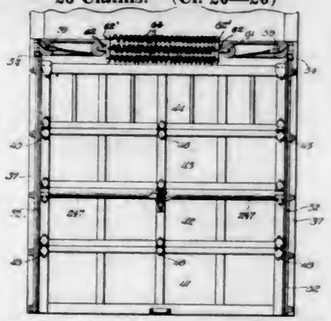
1. The method of deflecting a stream of electrically charged particles in response to high frequency oscillations, which comprises producing an electromagnetic wave of the frequency of said oscillations and propagating said wave in a path adjacent to said stream and in the same general direction as the stream and at such velocity rela-

tive to the velocity of the charged particles in the stream and to the directions of the stream and electromagnetic wave path, respectively,



that the velocity component of said electromagnetic wave parallel to said stream is substantially the same as the velocity of the charged particles in the stream.

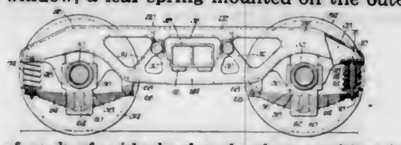
2,064,470
OVERHEAD DOOR
John A. Heckman, Lincoln, Nebr., assignor, by direct and mesne assignments, to Richards-Wilcox Manufacturing Company, Aurora, Ill., a corporation of Illinois
Application January 17, 1931, Serial No. 509,430
26 Claims. (Cl. 20—20)



1. In a door adapted to move from its closed position in a doorway to an overhead open position at an angle to said doorway, said door comprising a plurality of superposed folding panels, the combination of guide members mounted on the panels adjacent to the sides thereof, tracks for said guide members comprising sections extending upwardly adjacent to the sides of the doorway, sections extending overhead at an angle to the plane of said doorway, and curved sections joining the upwardly and angularly extending sections, and counterbalancing mechanism for said door comprising two inner sheave blocks movable towards and away from each other in a plane substantially parallel to the plane of said doorway, spring means connected with said sheave blocks tending to move said sheave blocks towards each other, two outer sheave blocks disposed outwardly of said inner sheave blocks substantially in the plane of movement of said inner sheave blocks, and two flexible members extending substantially parallel to said vertical track sections and each reeved around one of said outer sheave blocks and the adjacent one of said inner sheave blocks and operatively connected to establish counterbalancing forces in said door.

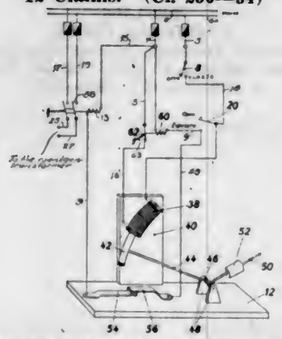
2,064,471
TRUCK
William C. Hedgcock, Wilmette, Ill., assignor to American Steel Foundries, Chicago, Ill., a corporation of New Jersey
Application November 11, 1932, Serial No. 642,145
48 Claims. (Cl. 105—202)

1. In an inboard car truck, the combination of spaced wheel and axle assemblies each having an inner and an outer axle and roller bearings therebetween, a side frame disposed inwardly of the wheels of said assemblies, said side frame having a tension and a compression member and spaced column members forming a window, a bolster supported on said tension member within said window, a leaf spring mounted on the outer



axle of each of said wheel and axle assemblies for support of said side frame, one end of said leaf spring non-resiliently supporting said side frame, said roller bearings being offset outwardly in respect to said springs.

2,064,472
APPARATUS FOR MAKING PHOTOGRAPHIC EXPOSURES
Heinrich Herrmann, Berlin-Wannsee, Germany, assignor to Elektricitatsgesellschaft "Sanitas", Berlin, Germany, a corporation of Germany
Application June 12, 1931, Serial No. 543,953
In Germany June 16, 1930
12 Claims. (Cl. 250—34)



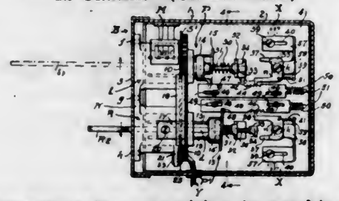
9. X-ray apparatus comprising, in combination, an X-ray tube transformer primary circuit having a normally open controlling switch; actuating means connected to close said controlling switch and start an exposure; means freely responsive to gravity connected to effect timed energization and deenergization of said actuating means; means for normally maintaining said gravity responsive means in raised position; and an operating switch connected to release said maintaining means.

2,064,473
COMPOSITION SHINGLE
Richard A. Holdsworth, Bayside, N. Y., assignor to The Barrett Company, New York, N. Y., a corporation of New Jersey
Application February 27, 1933, Serial No. 658,789
4 Claims. (Cl. 108—7)



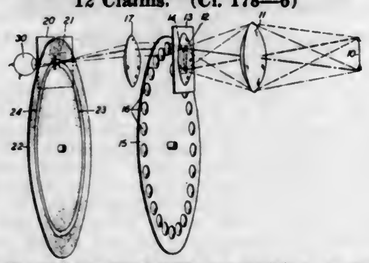
1. A felt base strip shingle comprising a body portion having widely spaced tabs along one longitudinal edge thereof, a layer of waterproof coating material substantially covering said shingle, a layer of granular surfacing material partially embedded in said coating layer, a second layer of waterproof coating material covering only the body portion of said shingle, and a second layer of granular surfacing material partially embedded in said second coating layer whereby the body portion of said shingle is materially thicker than said tabs, said shingle being adapted to be laid in overlapping courses with other like shingles with the forward edges of the tabs of each course registering with the upper edges of the spaces between the tabs of the shingles of the underlying course whereby said thick body portions of the latter impart a thick butt appearance to the tabs of the overlying course.

2,064,474
WATCHMAN'S TOUR SYSTEM
Richard M. Hopkins, New York, N. Y., assignor to American District Telegraph Company, New York, N. Y., a corporation of New Jersey
Application October 24, 1934, Serial No. 749,759
12 Claims. (Cl. 177—360)



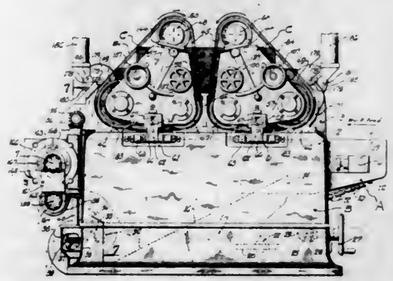
9. An apparatus comprising in combination a watchman's tour station and at least one other or next station, each station comprising a locking device including a pair of key trapping tumblers having thereon backwardly slidable extentions, each extension being rotatable with its tumbler; means connecting the tumblers of each pair for unified revolution, said tumblers being operable by similar keys, there being one key always trapped in a tumbler of each device and the associated extension being then moved back, the other tumbler being open or without a key and there being an extra key for a watchman; so that the extra key may be inserted in an open tumbler whereby to slide the associated extension back a distance depending upon the length of the key and turn the tumbler for releasing the trapped key, said extra key being itself then trapped, the released key being available for use in the open tumbler of the next station; and means set by the moved back extension and cooperating therewith for preventing said tumblers with their extensions from being again turned by the same key.

2,064,475
ELECTROOPTICAL SCANNING SYSTEM
Herbert E. Ives, Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 6, 1932, Serial No. 609,566
12 Claims. (Cl. 178—6)



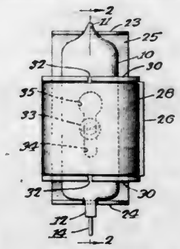
1. Scanning apparatus comprising a moving scanning device, for scanning parallel elemental strips of a field of view in sequence, and means optically cooperating with said device for periodically and abruptly producing a sidewise shift in said scanning strips by an amount which causes an overlapping thereof while maintaining all of the scanning strips in substantially parallel relationship.

2,064,476
ABRADING MACHINE
Gustave T. Johnson, Sheboygan Falls, Wis.
Application July 25, 1931, Serial No. 553,090
37 Claims. (Cl. 51—140)



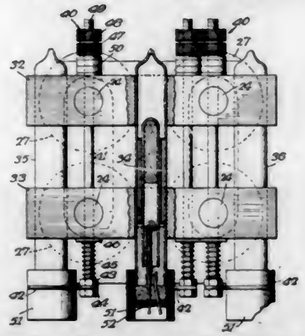
1. In an abrading machine, a work support, an endless flexible abrasive element of predetermined length and having one stretch movable across the work support, power means to drive the abrasive element so as to give the same a definite high linear speed of travel, pressure means to effect operative engagement between the abrasive element and work carried by said support, and power means to drive the pressure means so as to effect a rapid intermittent operative engagement of the abrasive belt with the work at a definite rate of succession so proportioned to the length of the abrasive belt and its linear speed of travel that any one given area of the abrasive belt can be held in operative engagement with the work only at widely spaced time intervals and then during only a very slight distance of travel of the abrasive belt so as to preclude the formation of long scratches in the work.

2,064,477
ELECTRIC SWITCH
Carl H. Larson, Elkhart, Ind., assignor to The Adlake Company, a corporation of Illinois
Application May 11, 1935, Serial No. 20,899
7 Claims. (Cl. 200—112)



1. In a device of the class described, a coil, an iron yoke having aligned openings in its arms, a mercury tube switch in the coil and projecting through the openings, a bracket having arms engaging the ends of the switch and means for securing the yoke to the bracket.

2,064,478
MERCURY SWITCH RELAY
Carl H. Larson, Elkhart, Ind., assignor to The Adlake Company, a corporation of Illinois
Application August 24, 1935, Serial No. 37,724
9 Claims. (Cl. 200—112)

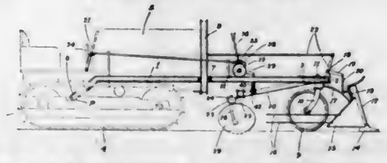


1. In combination, a vertical switch envelope, spaced electrodes in the envelope, a mercury fill, a magnetically responsive displacer for shifting the mercury level to change the condition of the circuit through the electrodes, a magnetic circuit associated with the displacer including a metal yoke of low reluctance substantially closed except for an air gap adjacent to the displacer, and means carried by the magnetic circuit for adjustably supporting the switch envelope in selected relation with the magnetic circuit, said means including a rod and a slow motion device.

2,064,479
SINTERING ZINC CONCENTRATES
Stuart H. Levison, Forest Hills, N. Y., and Emil J. Bruderlin, Amarillo, Tex., assignors to American Smelting and Refining Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application November 13, 1935, Serial No. 49,508
4 Claims. (Cl. 75—5)

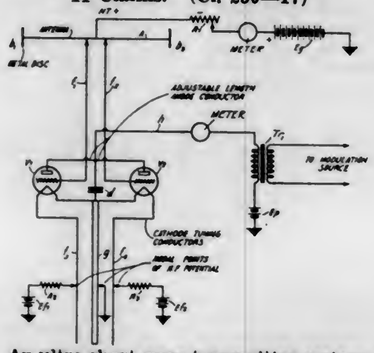
1. In treating preroasted zinc concentrates containing cadmium by sintering the same with coke, the improvement which comprises replacing not less than one-third of the coke content of the charge with bituminous coal and sintering said charge on a machine of the Dwight-Lloyd type thereby materially increasing the percentage of cadmium elimination.

2,064,480
BEAN CUTTER
George M. Lock and Arthur O. Rasmussen, Modesto, Calif.
Application September 9, 1935, Serial No. 39,745
4 Claims. (Cl. 55—107)



2. In a bean cutter, a frame, cutting elements supported from the frame, wheels supporting the frame at its forward end, deflecting rollers in front of the wheels, mounting means for said rollers including rearwardly projecting arms pivoted at their upper ends in connection with the frame, and ground bearing shoes on the mounting means at the lower end of the rollers.

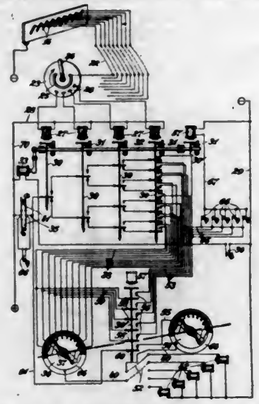
2,064,481
SHORT WAVE RADIO COMMUNICATION SYSTEM
Gaston Adelin Mathieu, Shirehall Park, London, England, assignor to Radio Corporation of America, a corporation of Delaware
Application October 25, 1932, Serial No. 639,462
In Great Britain November 5, 1931
11 Claims. (Cl. 250—17)



1. An ultra short wave transmitter system comprising an oscillator consisting of a pair of valves each having cathode, anode and grid electrodes, means for applying relatively high potentials to the grids of said valves relative to their respective cathodes, means for maintaining the anodes of said valves at a low potential relative to their respective grids whereby said valves oscillate on the so-called Barkhausen-Kurz principle, a radiating dipole, a tuned conductor system devoid of concentrated reactance conductively connecting the grids of the pair of valves to the dipole, a tuned conductor system interconnecting the anodes of the valves and an adjustable tunable conductor system in circuit with the cathodes of the valves, the grids of said valves being connected each to a point on either side of the mid-point of the dipole, said points being equal distances from said mid-point and being separated by a distance such that the effective load impedance imposed by the dipole is substantially equal to the surge impedance of the tunable conductor system connecting said dipole to the valve grids.

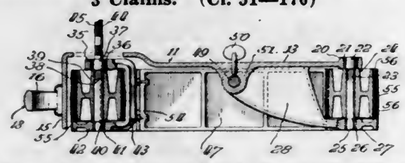
2,064,482
PERFORATED RECORD CONTROLLED MACHINE
Michael Maul, Berlin-Johannisthal, Germany
Application August 25, 1931, Serial No. 559,286
In Germany September 4, 1930
3 Claims. (Cl. 235—92)

1. In a machine controlled by perforated records wherein a single record column comprises combinational perforations representing either a decimal or duodecimal single value, a plural denominational order register and/or printer actuating mechanism under control of said perforations, means responsive to the controlling perforations of a record column for selectively controlling one or two digital orders of said mechanism including means for controlling the positioning of one digital order of said mechanism in accordance with the units digit of said value and for always controlling the positioning of the digital order of the next higher



denomination in accordance with a single unit when said single value is a duodecimal number.

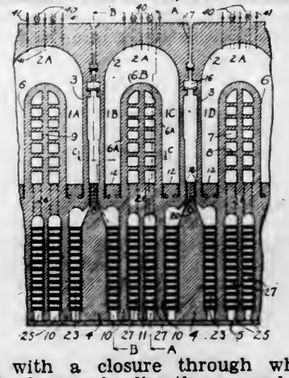
2,064,483
SANDING MACHINE
Albert G. McCaleb, Evanston, Ill., assignor to Duro Metal Products Company, Chicago, Ill., a corporation of Illinois
Application October 18, 1935, Serial No. 45,563
3 Claims. (Cl. 51—170)



1. In a sanding machine, in combination, a frame, a drive roller and an idle roller, each having one end rotatably supported by the frame, a sanding belt on the rollers extending past their other ends, means for supporting the frame upon the lower run of the belt, and an arcuate shoe carried by the frame for supporting the part of the belt that overlaps each roller having means for rotatably supporting the other end of the roller and lying inside the plane of the edge of the belt.

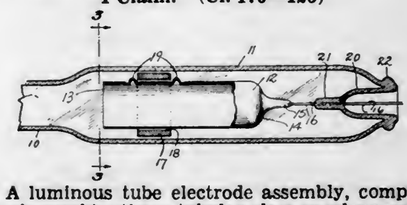
2,064,484
COKING APPARATUS
Joseph V. Meigs, Hastings-on-Hudson, N. Y., assignor to The Barrett Company, New York, N. Y., a corporation of New Jersey
Application April 27, 1929, Serial No. 358,645
Renewed June 8, 1934
13 Claims. (Cl. 202—134)

12. Apparatus for coking bituminous material rendered substantially entirely liquid at coking temperatures comprising side walls, a top wall and a substantially imperforate floor defining a substantially horizontal coking chamber, a heating wall within and extending entirely through said coking chamber in a horizontal direction, said heating wall also extending from the floor of said coking chamber toward but not entirely to the top thereof, said heating wall and said top wall forming a passage permitting flow of said bituminous material over said heating wall during the coking operation, means for passing hot gases through said heating wall to heat said bituminous material, and additional means for imparting heat to said bituminous material, said chamber being



provided with a closure through which the charge of coke may be directly removed substantially in block in a horizontal direction.

2,064,485
ELECTRODE CONSTRUCTION
Samuel C. Miller, New York, N. Y.
Application July 17, 1934, Serial No. 735,621
1 Claim. (Cl. 176—126)

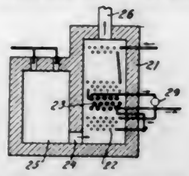


A luminous tube electrode assembly, comprising in combination a tubular glass envelope sealed at one end, a hollow cylindrical metallic electrode disposed coaxially in said envelope and spaced from the walls thereof, wire leads connected to one end of the electrode and sealed in the sealed end of said envelope, said wire leads serving to support the electrode in the envelope, and a relatively short porcelain cylindrical spacer collar having an internal diameter greater than the external diameter of the electrode and having an external diameter smaller than the internal diameter of the envelope loosely mounted on said electrode and located intermediate the free end of the electrode and the medial portion thereof, the electrode having an outwardly displaced portion on each side of the collar to limit the longitudinal movement thereof.

2,064,486
METHOD OF HEATING TAR
Stuart Parmelee Miller, Tenafly, N. J., assignor to The Barrett Company, New York, N. Y., a corporation of New Jersey
Application December 1, 1928, Serial No. 323,063
2 Claims. (Cl. 196—76)

2. In a method of distilling coal tar the steps which comprise generating combustion gases, passing said combustion gases through a zone where they flow in indirect heat exchange with molten metal, whereby said molten metal acts as a radiant heat screen, passing molten metal from said first zone in a path surrounding the tar being distilled in a second zone while passing said combusition gases from said first zone into indirect heat exchange relation with said molten

metal in said second zone, passing said combustion gases from said second zone into indirect heat exchange relation, without the interposition of molten metal, with said tar in a third zone, pass-



ing said tar from said third zone through the path surrounded by said molten metal in said second zone and recycling said molten metal through said first zone.

2,064,487

TREATMENT OF RESINS

Stuart P. Miller, Englewood, N. J., assignor to The Barrett Company, New York, N. Y., a corporation of New Jersey

No Drawing. Application October 2, 1930, Serial No. 486,055

5 Claims. (Cl. 83—91)

1. The method of treating resin of the coumarone indene type to produce hollow discrete particles, which comprises melting the resin and passing it while molten in a stream into a cooling liquid maintained at a temperature of from about 60° C. to about 80° C.

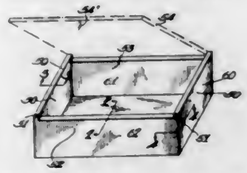
2,064,488

COMPOSITE BOX AND MANUFACTURE THEREOF

Frank Rodgers Neely, Allentown, Pa.

Original application August 15, 1931, Serial No. 557,340. Divided and this application September 19, 1933, Serial No. 690,115

2 Claims. (Cl. 93—43)



1. The method of forming a composite box having a nail-receiving insert for the front of the box initially separate from the rest of the box, which consists in holding the nail-receiving insert in a position at right angles to the bottom of the box and above the edge of the bottom of the box into which the insert is to fit, in moving the insert down into the position it is to occupy with respect to the bottom of the box and folding up the ends and back of the box and in uniting together the front, the back and the ends of the box.

2,064,489

VIBRATION DETECTOR

Leonard J. Neuman, Houston, Tex., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

Application May 26, 1932, Serial No. 613,705

4 Claims. (Cl. 177—352)

1. In a device for detecting elastic waves, a casing adapted to be vibrated by said waves, an inertia member, resilient means for suspending said member from the upper part of said casing, said means comprising an elliptical spring disposed between said casing and said inertia member, a carbon-pile resistance located below said inertia member and in mechanical contact there-



with, a second resilient means comprising a second elliptical spring for supporting said resistance from the lower portion of said casing, said first and second resilient means being responsive mainly to waves having frequencies between predetermined limits.

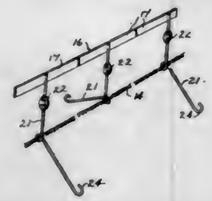
2,064,490

ELECTRIC INCANDESCENT LAMP

Aubrey E. Noble, Snyder, N. Y.

Application April 17, 1936, Serial No. 74,953

13 Claims. (Cl. 176—29)



13. An electric incandescent lamp comprising an elongated tube with light transmitting material, a normally straight, slender, flexible, metallic spine part disposed in said tube and running approximately parallel to the axis of the bore thereof, a filament in and running lengthwise of said tube, a plurality of individual rectilinear spacer parts within the bore of said tube and distributed at intervals therealong, each spacer part being formed of a length of slender, flexible, metallic wire contacting at one end directly with and secured to said spine part, projecting therefrom directly in a direction across the bore of the tube to said filament, there formed to support the filament, and then continuing from the filament into direct contact with the wall of the tube at a point spaced angularly about the bore of the tube from said spine, each spacer part being broken between the filament and said spine part, and with the ends at the point of breaking connected by insulating means which slightly spaces the broken ends from one another, so as to electrically insulate the filament supporting portions of the wire of each spacer part from the spine part.

2,064,491

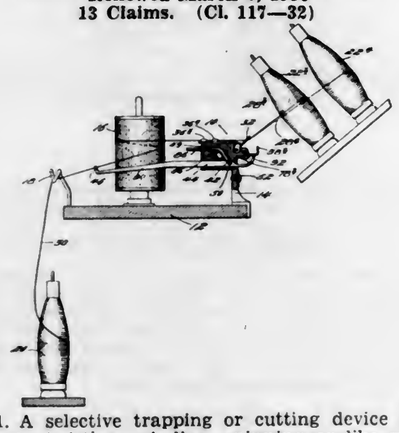
SELECTIVE TRAPPING OR CUTTING DEVICE FOR USE IN TWISTING, WINDING, SPINNING OR LIKE MACHINES

Henry Owens, Edgewood, R. I., assignor to Henry Owens & Company, Inc., Providence, R. I., a corporation of Rhode Island

Application July 23, 1934, Serial No. 736,472

Renewed March 7, 1936

13 Claims. (Cl. 117—32)



1. A selective trapping or cutting device for use in twisting, winding, spinning or like machines, comprising an open ended strand receiving box member having a base, means on the base thereof for securement thereto to said machine, upstanding side walls, one having stop means projecting laterally from one side thereof, a pivot pin mounted transversely thereof near the rear end thereof and pivot lugs projecting rearwardly therefrom and a top wall pivotally mounted for cleaning purposes on said pivot pin, having means to normally retain it against the upper edges of said side walls, and having two adjacent holes therein, laterally spaced and longitudinally offset from each other and a strand guide shaped to keep a pair of strands from adjacent sources of supply separated projecting rearwardly from the rear end thereof, a pair of levers, each pivotally mounted intermediate its ends adjacent one end of said pivot pin within said member and having an upwardly projecting work arm and a strand receiving hook projecting upwardly from the heavier power arm thereof through the laterally opposite hole in said top wall to engage the laterally opposite strand, a pivot pin mounted transversely between said side plate pivot lugs, a pair of upwardly bent arms each terminating in a trapping or cutting edge pivotally mounted on opposite sides of said pivot pin and having the inner portion thereof adapted to be abutted by the upwardly projecting end of its respective lever work arm adapted to actuate said cutting or trapping edge against the under surface of said guide to break the opposite strand when said power arm thereof drops on breakage of a strand, a bar transversely pivotally mounted on said side walls below said lever power arms having a handle projecting from one end thereof and having means projecting therefrom to abut said lever power arms adapted on pivotal movement thereof to move said hooks upwardly through their respective holes to be hooked onto the overlying strands of yarn, and on further movement thereof to move said means free of said weighted power arms and said handle against said stop means to permit said hooks and levers to be supported by the strands alone whereby on breakage of one strand thereof said heavier lever power arm may drop to actuate the work arm thereof to break said other strand, a rectangular box surrounding yoke, having the side walls thereof independently mounted on said bar, a rear work arm cross bar underlying said upwardly bent arms and a heavier power arm projecting forwardly from the power arm portion thereof having a hook projecting upwardly therefrom to be supported by the single twisted or wound strand beyond the twisting or draft means of said machine adapted on breakage of said strand to raise said work arm to abut both cutting or trapping arms to raise them both against said guide means to break both strands.

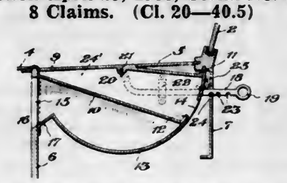
2,064,492

AUTOMOBILE VENTILATOR AND WINDSHIELD DEFROSTER

Henry C. Parker, Washington, D. C.

Application April 29, 1933, Serial No. 668,644

8 Claims. (Cl. 20—40.5)



1. In an automobile having an engine, a source of warm air derived from said engine, a cowl and a windshield; an opening in said cowl, means pivotally mounted in and normally closing said opening capable of being tilted about a transverse, horizontal axis through an angle greater than 90 degrees and serving in one position to deflect cool air into said automobile and in another position to deflect warm air from said source against said windshield.

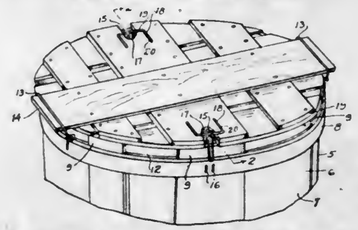
2,064,493

BASKET

Wellington F. Patten, Calypso, N. C., assignor to Patten Package Company, Inc., Calypso, N. C.

Continuation of application Serial No. 638,607, October 19, 1932. This application February 14, 1935, Serial No. 6,597

8 Claims. (Cl. 217—122)



1. A shipping container for fruit or the like, comprising a basket body having a hoop defining an open top, and projections spaced apart along and extending above said top to support a cover out of contact with the contents of said body.

2,064,494

CONTROL SYSTEM

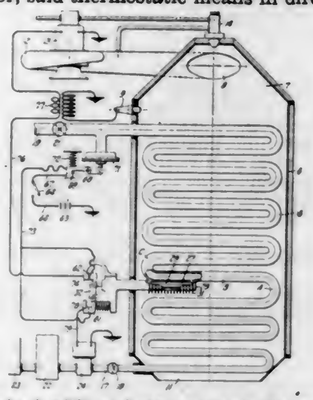
Nathan C. Price, Berkeley, Calif.

Application September 12, 1934, Serial No. 743,701

22 Claims. (Cl. 122—448)

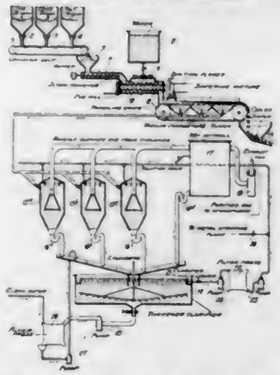
1. A boiler control comprising a long tube having an inlet adjacent one end thereof and an out-

let adjacent the other end thereof, means for heating said tube, means for supplying feed fluid to said inlet, and a thermostatic means for distinction between presence of liquid and presence of vapor, said thermostatic means in direct ther-



mal contact with and responsive to thermal conductivity of the boiler fluid in the evaporation zone of said tube and exposed to thermal conditions exteriorly of said tube for controlling said supplying means in accordance with said distinction.

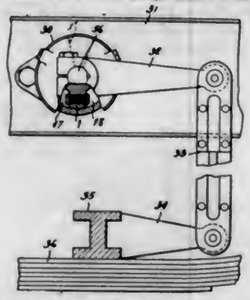
2,064,495
METHOD AND APPARATUS FOR RECOVERING VAPORIZED METAL COMPOUNDS
Augustin Leon Jean Queneau, Bernardsville, N. J.
Application October 18, 1935, Serial No. 45,660
5 Claims. (Cl. 75—113)



1. The method of treating gases evolved in the chloridizing and blast sintering of oxidized zinc ores which comprises drawing said gases from the sintering machine into a wet cyclone device, thence into a wet precipitator device, thence through an exhaust fan device to the atmosphere.

2,064,496
SHOCK ABSORBER
Carl Gustav Thorbjörn Salenius, Stockholm, Sweden, assignor to Aktiebolaget Master Regulator, Stockholm, Sweden, a corporation of Sweden
Application November 5, 1934, Serial No. 751,597
In Sweden November 7, 1933
8 Claims. (Cl. 188—89)

1. A hydraulic shock absorber comprising a casing provided with an enclosed liquid chamber, a fixed partition member within said chamber, a shaft extending into the chamber and having a piston member connected thereto, said partition member and said piston member dividing the chamber into working chambers, means in one of said members for conducting liquid from one working chamber to its adjacent working cham-



ber, said means including a pair of channels having opposed inlet openings and channeled portions extending towards each other, said portions terminating in a common restricted discharge passage whereby to conduct the liquid streams toward each other and dampen the flow of liquid issuing from the channels.

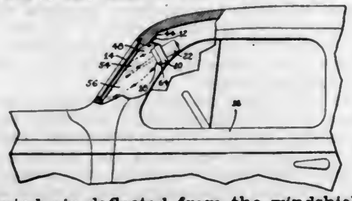
2,064,497
SETTLING TANK FOR SEWAGE AND THE LIKE
William W. Sayers, Chicago, Ill., assignor to Link-Belt Company, Chicago, Ill., a corporation of Illinois
Application February 18, 1933, Serial No. 657,367
32 Claims. (Cl. 210—55)

31. In a settling tank, means radially and tangentially movable with respect to the center of and associated with the bottom of the tank for propelling material adjacent the bottom thereof continuously along a spiral path from the point at which it is collected to a discharge adjacent the center of the tank, and means for imparting to the propelling means a continuous radial movement in the same direction during its entire cycle of movement tangentially about the tank.

2,064,498
SLEET AND MIST ELIMINATING DEVICE FOR WINDSHIELDS
Earl W. Shackford, Cambridge, and Alfred W. Ingalls, Lynn, Mass.
Application January 31, 1935, Serial No. 4,416
2 Claims. (Cl. 20—40.5)

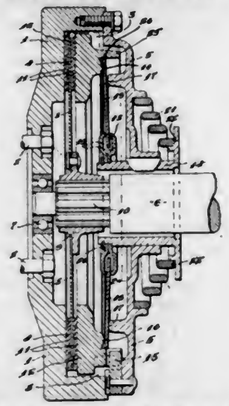
2. Apparatus for providing a clear view area on a windshield comprising a heated casing having an inlet and an outlet above the area to be cleared, a rotary fan disposed in the outlet of the casing to direct a heated mixture of air against the windshield, and a supporting bracket for said casing on the windshield including an

apron extending between the inlet and the windshield above the area to be cleared for causing



the heated air deflected from the windshield to be recirculated through the casing.

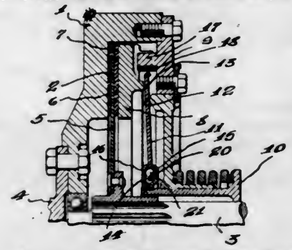
2,064,499
CLUTCH
Charles B. Spase, Nedrow, N. Y., assignor to W. C. Lipe Inc., Syracuse, N. Y., a corporation of New York
Application August 13, 1935, Serial No. 36,007
1 Claim. (Cl. 192—68)



In a clutch, the combination of driving and driven friction members, the driven member including a clutch shaft, a disk or friction plate rotatable with the shaft, an axially movable pressure ring, a throw-out collar rotatable with the driving member, motion transmitting levers extending outwardly from the throw-out collar and pressing near their outer ends against the pressure ring, the levers engaging each other at their sides so that the levers are held by each other from displacement in circumferential direction, and spring means acting on the throw-out collar tending to engage the clutch through said levers, all rotatable with the driving member, a fulcrum rotatable with the driving member and on which the levers fulcrum, said levers being mounted to shift endwise outwardly under the action of the centrifugal force, and means self-contained with the pressure ring for engaging the extreme ends of the levers.

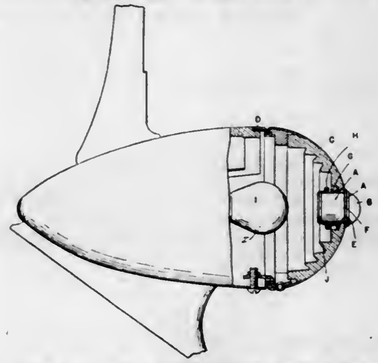
2,064,500
CLUTCH CONSTRUCTION
Charles B. Spase, Nedrow, N. Y., assignor to W. C. Lipe Inc., Syracuse, N. Y., a corporation of New York
Application September 30, 1935, Serial No. 42,737
3 Claims. (Cl. 192—68)

1. In a clutch, a driving section, a clutch shaft, a friction disk mounted thereon, a pressure ring, a back plate structure, a throw-out sleeve and a series of levers extending outwardly from the throw-out sleeve and slidably engaging fulcrums on the pressure ring and the back plate structure, the pressure ring, back plate structure, throw-out sleeve and levers being rotatable as a unit with the driving section, and the throw-out sleeve being formed with an annular channel into which the inner ends of the levers extend; the com-



bination of means for holding the levers from radial displacement, said means being located at the inner ends of the levers and within the channel and including projections on the front and rear sides of the inner ends of the levers and within the channel, the tops of the projections engaging opposite walls of the channel, the channel having a contracted entrance through which the levers extend.

2,064,501
COMBINED LENS AND REFLECTOR
Arnold N. Taylor, Detroit, Mich., assignor to C. M. Hall Lamp Company, Detroit, Mich., a corporation of Michigan
Application April 6, 1936, Serial No. 72,994
3 Claims. (Cl. 240—8.3)

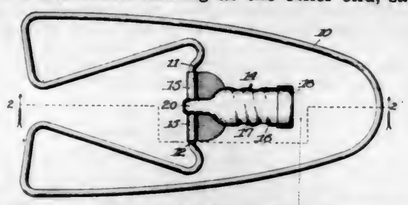


1. In a lamp, the combination with a lens, of a reflector unit having an opaque casing mounted on said lens, and means in the portion of said lens surrounding said reflector unit for refracting the light to avoid casting of a shadow by said unit.

2,064,502
MOP HANDLE SUPPORT
Robert C. Teare, Evanston, Ill., assignor to O-Cedar Corp'n, Chicago, Ill., a corporation of Illinois
Application September 21, 1935, Serial No. 41,606
2 Claims. (Cl. 306—19)

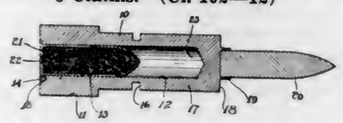
1. In a mop handle support, a mop head comprising a flexible wire frame provided with free end portions substantially axially aligned and provided with enlarged terminals, a handle cou-

pling formed of one piece bent back upon itself to provide a handle-receiving socket at one end, and a transverse bearing at the other end, said



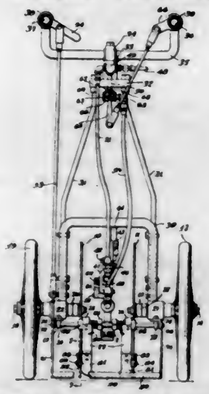
coupling being provided with a rib extending from the socket and surrounding the bearing, said rib receiving said enlarged terminals and locking them within said coupling.

2,064,503
CARTRIDGE
Robert Temple, Jr., Brooklyn, N. Y.
Application January 26, 1935, Serial No. 3,553
9 Claims. (Cl. 102—12)



1. In a combination of the class described for the purposes specified, a cylindrical casing having a longitudinal bore extending from the rear end thereof over the greater portion of its length, said casing being provided with an annular recess between the ends thereof, an outwardly extending annular flange integrally formed at the forward end of said casing, and a tapered projectile element supported within said flange, a blank cartridge positioned within the bore of said casing and adapted upon detonation to sever the forward end of said casing from the rear end thereof at said recessed portion.

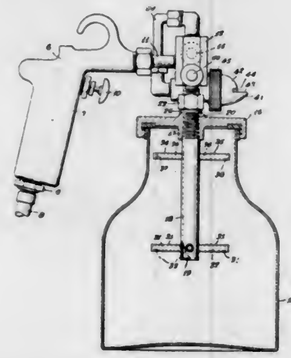
2,064,504
HIGHWAY MARKER
Wayne B. Thompson, Winchester, Mass., assignor to Spray Engineering Company, Somerville, Mass., a corporation of Massachusetts
Application July 21, 1931, Serial No. 552,178
9 Claims. (Cl. 91—45)



1. In a highway marker, the combination with a carriage having four wheels the rear ones of which are mounted upon independent slidably movable axles, and a spray gun mounted on the carriage to discharge marking material towards the highway, of shields mounted on said axles, respectively, for confining the application of the marking material on the highway to a stripe of predetermined width.

2. In a highway marker, the combination with a spray gun for discharging marking material towards the highway and independent shields for confining the application of the marking material on the highway to a stripe of predetermined width, of means for scraping excess marking material from the shields and dumping it upon the stripe.

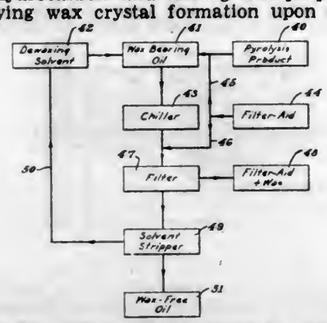
2,064,505
APPARATUS OR TOOL FOR APPLYING FLOCK
Wayne B. Thompson, Winchester, Mass., assignor to Spray Engineering Company, Somerville, Mass., a corporation of Massachusetts
Application June 3, 1933, Serial No. 674,211
13 Claims. (Cl. 91—8)



1. A tool or apparatus for applying flock having, in combination, a container for the flock, a nozzle, means for introducing air under pressure into the container, and a connection between the container and the nozzle permitting the escape from the container by way of the nozzle of at least a portion of the air introduced into the container, the withdrawal of the flock from the container and its discharge through the nozzle by the entraining action of the escaping air, said air introducing means including means for discharging air within the container in the general direction of the flock and means for discharging air within the container in the general direction of the connection between the container and the nozzle.

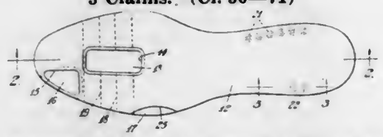
2,064,506
DEWAXING LUBRICATING OIL
Charles C. Towne, Poughkeepsie, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
Original application March 7, 1934, Serial No. 714,360. Divided and this application October 24, 1934, Serial No. 749,694
5 Claims. (Cl. 196—19)

1. The method of dewaxing a mineral wax bearing oil, which comprises mixing with the oil a fraction boiling above 450° F. recovered from the high temperature pyrolysis of a normally gaseous hydrocarbon and having the property of modifying wax crystal formation upon chilling



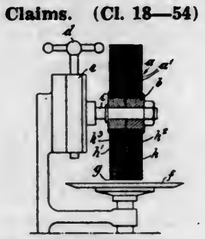
of the oil, chilling the mixture to precipitate the wax, and separating the wax from the oil.

2,064,507
REMEDIAL FOOTWEAR
La Porte Van Sant, Chicago, Ill.
Application July 25, 1933, Serial No. 682,146
Renewed April 20, 1936
3 Claims. (Cl. 36—71)



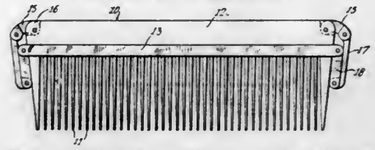
1. A remedial device for insertion into an article of footwear, comprising a flexible subsole and a flexible insole for attachment to the upper side of the subsole; said insole having a cut-out portion providing a recess adapted to receive a diseased area of the foot and said cut-out portion providing a tongue attached to the said subsole; said device including an insert arranged between the said subsole and the said insole and including a toe portion having a portion cut out of its transverse front edge providing a recess, and said recess being registered with the first-named recess.

2,064,508
PROCESS FOR THE PRODUCTION OF THREADS OF INDIA-RUBBER, GUTTA PERCHA, OR THE LIKE
Enrique Vincke, Palamos, Spain
Application May 19, 1934, Serial No. 726,592. Renewed September 26, 1935. In Germany May 20, 1933
10 Claims. (Cl. 18—54)



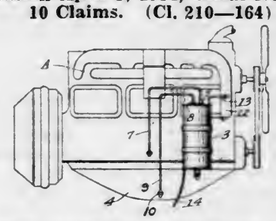
5. The process for the production of polygonal threads of india-rubber, gutta-percha or the like, comprising assembling a plurality of disks of india-rubber, gutta-percha or the like, in face to face engagement, mounting the same for rotary movement while maintaining said disks in substantially non-displaceable relation with one another, and cutting a layer of the breadth of the periphery of the block with the aid of a knife while effecting continuous relative feeding movement between said disks and said knife.

2,064,509
SANITARY COMB
Charles J. Ward, Grasmere, N. Y.
Application February 10, 1936, Serial No. 63,090
2 Claims. (Cl. 132—19)



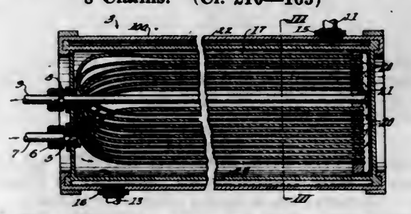
1. The combination with a comb, of a cleaning bar having a plurality of apertures to receive the teeth of the comb, and a pair of hinged links connecting the ends of said cleaning bar to the back of the comb, whereby said cleaning bar is permitted to move vertically of the comb teeth.

2,064,510
FILTER
Donald H. Wells, Croton, Ohio
Application April 5, 1934, Serial No. 719,150
10 Claims. (Cl. 210—164)



1. A filter comprising a plurality of wood or woody strips pervious to the action of fluid under pressure, each of said strips containing one or more longitudinally extending channels, means for retaining said strips in assembled substantially parallel order, each of said strips being treated at one end to close the channel or channels therein, the opposite end of each of said strips being supported to render the channel or channels therein open for communication with the channel or channels of adjacent strips.

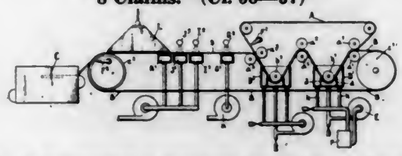
2,064,511
APPARATUS FOR FILTERING SOLIDS FROM LIQUIDS
Donald H. Wells, Croton, Ohio
Application September 26, 1934, Serial No. 745,597
8 Claims. (Cl. 210—165)



5. In a filter, a casing provided with a fluid receiving chamber, filter media arranged in said chamber comprising a multiplicity of flexible paper covered tubes looped upon themselves and

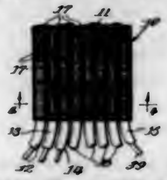
flexibly arranged in said chamber, and a rigid filtrate outlet leading from said casing, said outlet being in direct communication with the ends of said tubes.

2,064,512
APPARATUS FOR LAUNDERING
Ezekiel J. Wilson, East Greenbush, and John McCreary, Cohoes, N. Y.
Application April 18, 1931, Serial No. 531,206
Renewed May 14, 1936
8 Claims. (Cl. 68—37)



1. A laundering apparatus comprising a foraminous carrier belt, a second shorter foraminous belt, means for imparting independent travelling movement to the respective belts, means for maintaining a portion of the shorter belt in contact with a coextensive portion of the carrier belt in such manner that the contacting portions travel together a predetermined distance, said travel imparting means being so arranged as to cause the contacting portions to travel in a common direction so that the articles to be laundered may be interposed between said contacting portions and caused to travel therewith in a flattened, spread-out condition, a laundering tank having an internal open-topped sub-chamber therein, means for causing the contacting portions of the belt to travel through said tank and over the top of said sub-chamber, means associated with said sub-chamber for forcing washing fluid through the contacting portions of the belt and the articles carried thereby during their travel through the tank and over said sub-chamber, and means for causing feeding and delivery portions of the carrier belt to travel in horizontal rectilinear courses at locations outside of the sphere of operation of the shorter belt.

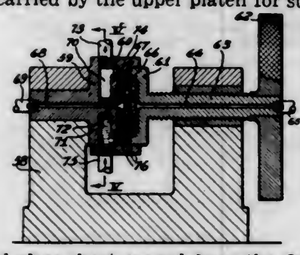
2,064,513
RADIO CABLE
Edward F. Andrews, Chicago, Ill.
Application March 9, 1931, Serial No. 521,157
16 Claims. (Cl. 250—16)



1. A radio cable of generally flat form comprising a group of conductors including current conductors and a ground conductor in adjacent relation, a separate antenna conductor, and a spacer maintaining the antenna conductor in spaced relation to the said group of conductors, all of said conductors and said spacer being arranged in a plane.

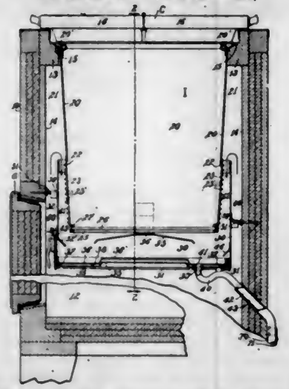
2,064,514
APPARATUS FOR MAKING SAFETY GLASS
Emil H. Balz, Glenshaw, Pa., assignor to Duplate Corporation, a corporation of Delaware
Application August 3, 1933, Serial No. 683,470
5 Claims. (Cl. 49—81)

1. In combination in apparatus for making safety glass, a lower platen for supporting a glass sheet, an opposing upper platen movable to a position away from the lower platen, vacuum means carried by the upper platen for supporting



a second glass sheet spaced from the first sheet, and means for supplying plastic reinforcing material under pressure into the space between the sheets at one edge thereof.

2,064,515
REFRIGERATOR
Charles F. Belshaw, Greenville, Mich.
Application February 8, 1934, Serial No. 710,207
13 Claims. (Cl. 62—46)

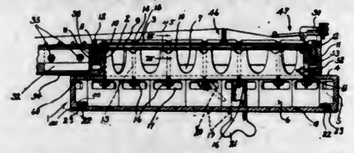


1. A refrigerator comprising a main shell, an ice container comprising substantially vertical walls all spaced from adjacent walls of the main shell and a perforate ice-supporting bottom, at least one of said ice-container walls being perforate only adjacent its lower end, means between the shell walls and said container below the top thereof and above the perforations of said perforate wall to prevent substantial air flow from the interior of the main body upwardly against the upper imperforate regions of the ice container and thence downwardly into the upper region of said container, upwardly extending air-baffle walls arranged between the main shell and the lower portions of the ice-container walls and extending upwardly from a region substantially below the bottom of the ice-container to a region substantially above the perforate wall portion, and a horizontal air baffle adjacent the lower end of said first-mentioned air-baffle and extended inwardly therefrom but short of complete obstruction to downward air flow from the lower end of the ice container.

2,064,516
STRINGED INSTRUMENT
Eli Blanchette, Dayville, Killingly, Conn.
Application October 7, 1931, Serial No. 567,460
13 Claims. (Cl. 84—270)

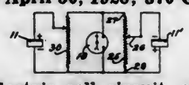
1. In a stringed musical instrument, an instrument head having an annular supporting portion,

an outwardly projecting flange portion and an enlarged annular portion, said annular supporting portion having a grooved peripheral edge, an



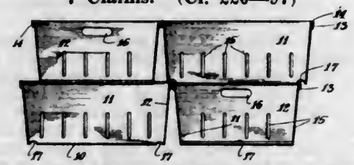
insulating member on said edge, a ring like member on said insulating member and a gut head stretched over said ring member.

2,064,517
PHOTOELECTRIC CELL CIRCUIT
Brooks A. Brice, Washington, D. C., assignor to Henry A. Wallace, Secretary of Agriculture of the United States of America
Application February 13, 1936, Serial No. 63,745
6 Claims. (Cl. 250—41.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



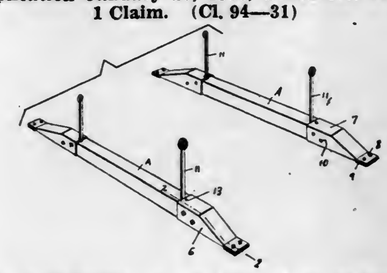
1. A photoelectric cell circuit, comprising two photoelectric cells arranged with a zero-center galvanometer and a slide-wire potentiometer in a compensating electrical circuit in which the terminals of one photoelectric cell are adapted to be connected in parallel with the zero-center galvanometer and in parallel with the fixed ends of the slide-wire potentiometer, a terminal of this photoelectric cell adapted to be connected to the terminal of opposite polarity on the other photoelectric cell, the other terminal of the latter photoelectric cell adapted to be connected to the variable contact of the slide-wire potentiometer, and a scale adapted to be attached to the slide-wire potentiometer to indicate the position of the variable contact.

2,064,518
ART OF TRANSPORTING AND/OR STORING ARTICLES IN UNIT CONTAINERS
Ronald R. Brogden, Pomona, Calif., assignor to Brogdex Company, Winter Haven, Fla., a corporation of Florida
Application June 23, 1932, Serial No. 618,970
7 Claims. (Cl. 220—97)



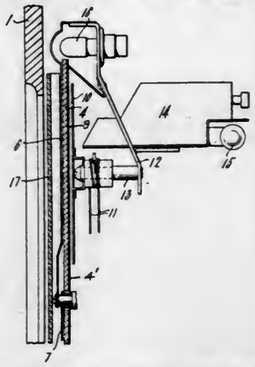
1. A unit container having a generally rectangular bottom wall of unequal length and width, lateral walls extending upwardly and outwardly therefrom to upper edges bounding a similarly rectangular open top, said lateral walls comprising a pair of opposed sides and a pair of opposed ends shorter than the sides, at least one of the aforesaid walls being apertured to permit passage of air, and the bottom being provided with a pair of parallel rectilinear transverse recesses or grooves which are equidistant from the container ends and have their center lines spaced apart a distance substantially equal to the shorter over-all dimension of the rectangular open top of the container, each recess being of a width enabling it to fit over a pair of contiguous upper edges of a pair of side and end walls of similar containers upon which the container may be stacked.

2,064,519
HIGHWAY APPLIANCE
Patrick J. Casey, Falls Creek, and Menzo S. Sibley, Brockway, Pa.
Application January 27, 1936, Serial No. 61,072
1 Claim. (Cl. 94—31)



An attachment in the form of an extension for head walls comprising a box-like structure open at one end, the open end of the structure being adapted to receive one end of a head wall, said box-like structure being provided with a sloping opposite end wall adapted to cause the upward deflection of any object striking the same.

2,064,520
RADIO DIAL
Leslie F. Curtis and Paul B. Scharf, Springfield, Mass., assignors to United American Bosch Corporation, Springfield, Mass., a corporation of New York
Application May 6, 1936, Serial No. 78,104
9 Claims. (Cl. 250—40)

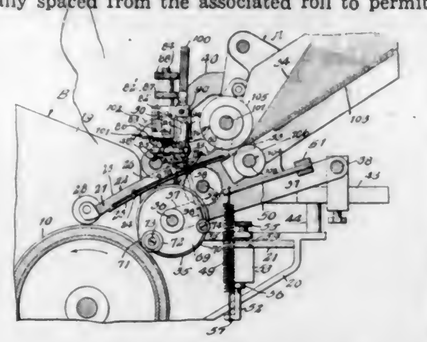


1. In a multi-band radio receiver having a wave band change switch, a resonance indicator visible from the front of said receiver, a source of illumination for said indicator, and means operable by said band change switch for varying the color of the illumination of said indicator, whereby a particular wave band of receiver operation is indicated.

2,064,521
BLANK FEEDING AND STOPPING MECHANISM
William Ward Davidson, Evanston, Ill.
Application September 5, 1935, Serial No. 39,278
9 Claims. (Cl. 192—126)

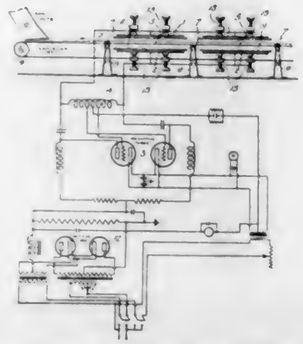
1. In the combination of a primary machine

and a feeder for feeding blanks thereto, the machine having a continuously rotating member, the feeder provided with a friction roller arranged and adapted to be pressed against said member for operating said feeder, the feeder provided with a blank gauge and a cooperating blank feeding roll, the gauge having a part normally spaced from the associated roll to permit



the free passage of a blank of contemplated thickness, the guage being pivotally mounted and adapted to be swung out of normal position by the passage of anything thicker than the contemplated thickness, and operative connection between said gauge and said friction roller for moving the friction roller out of contact with said rotating member of the primary machine when the gauge is so swung.

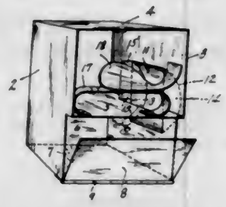
2,064,522
METHOD OF AND APPARATUS FOR TREATING MATERIALS FOR THE DESTRUCTION OF INSECT LIFE THEREIN
Jesse H. Davis, Baltimore, Md.
Application December 10, 1931, Serial No. 580,170
35 Claims. (Cl. 21—54)



14. The method of treating grain for the extermination of insect life therein, which consists in disposing grain in a high frequency electric field gap, and subjecting the grain in such field gap to the action of ultra-short electric waves.

24. An apparatus for destroying insect life in insect infested material, comprising a high frequency electrical oscillation generator having spaced field electrodes, a holder for supporting the material to be treated in the field between said electrodes, and shields of dielectric material disposed between the electrodes and the holder.

2,064,523
BERRY PICKING DEVICE
Ferdinand Deutcher, Portland, Oreg.
Application October 1, 1935, Serial No. 43,089
2 Claims. (Cl. 224—28)



1. A berry picking device comprising a housing for the arm and part of the hand of an operator, gripping means disposed within the said housing, a container disposed below said housing, a bypass in open communication with said housing and said container, and means superimposed upon the gripping means for directing an object into said bypass.

2,064,524
PROCESS FOR OPENING UP COCOA BEANS
Albert Diefenbach, Arlesheim, Switzerland
No Drawing. Application August 12, 1935, Serial No. 35,879. In Switzerland July 21, 1934
5 Claims. (Cl. 99—23)

1. In a process for opening up cocoa-beans the steps of breaking the cocoa-beans in coarse-grained pieces, saturating the cocoa-bean pieces with a sugar solution, drying the said pieces thus treated, and roasting the pieces.

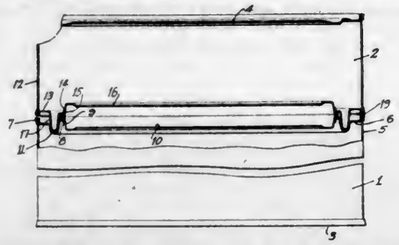
2,064,525
FOLDING SPECTACLES
William David Eglinton, Croydon, England
Application July 19, 1934, Serial No. 736,095
In Great Britain July 31, 1933
2 Claims. (Cl. 88—44)



1. In a folding spectacle, a rigid bridge arched in a plane substantially identical with the plane of the lenses when extended, a hinge leaf integral with the bridge at each end thereof lying in a plane slightly inclined to the plane of the lenses and also slightly inclined to that plane which is perpendicular to said plane and passes through the centers of the lenses, and an eye piece pivoted to each leaf for rotation about a pintle perpendicular to said leaf.

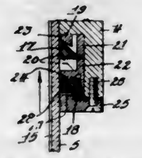
2,064,526
CONTAINER
John Leonard Engel, Brooklyn, N. Y.
Application October 11, 1934, Serial No. 747,854
5 Claims. (Cl. 220—20)

1. A container comprising upper and lower compartments each compartment having in one end an opening adapted to receive a closure, separate closures for said compartments, said compartments being arranged with their closure receiving ends adjacent, and cooperating frictional



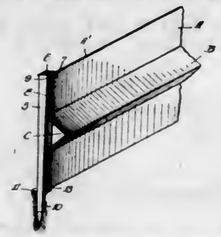
connecting means formed upon the adjacent ends of said compartments.

2,064,527
SEALING MEANS FOR PNEUMATIC SPRINGS AND THE LIKE
Elov Ericsson, St. Paul, Minn.
Application July 13, 1934, Serial No. 734,929
5 Claims. (Cl. 286—26)



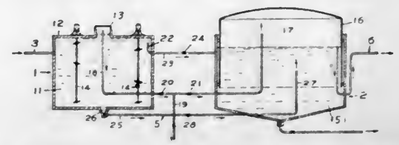
1. Sealing means for a cylinder having a piston comprising, an annular chamber formed in said cylinder adjacent to said piston, a pair of rings encircling said piston in said chamber and resiliently gripping said piston, a flexible sealing member extending between said rings and having a substantially conical inner portion adapted to engage said piston and means for confining said rings to limited movement along said piston, said rings being formed to alternately actuate said sealing member to and out of engagement with said piston during reciprocating movement of said piston in said cylinder.

2,064,528
SUPPORT FOR SEPARATING STRIPS
Albert C. Fischer, Chicago, Ill., assignor to The Philip Carey Manufacturing Company, a corporation of Ohio
Application February 28, 1927, Serial No. 171,570
Renewed December 10, 1931
16 Claims. (Cl. 94—8)



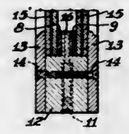
1. A support for separating strips, comprising a stake adapted to be driven into the surface upon which the strip is to be supported, and means on the stake adapted to enter into embracing relation with the top and bottom of the separating strip.

2,064,529
SEWAGE SLUDGE MULTIDIGESTION
Anthony J. Fischer, Jackson Heights, and Nels B. Lund, Seaford, N. Y., assignors to The Dorr Company, Inc., New York, N. Y., a corporation of Delaware
Application January 28, 1935, Serial No. 3,723
8 Claims. (Cl. 210—2)



1. A method for the digestion of sewage sludge which comprises maintaining primary and secondary sludge digesting zones, selectively transferring sludge of relatively high solids content from the lower portion of said primary zone to said secondary zone, and selectively transferring supernatant sludge liquor of relatively low solids content from the upper portion of said primary zone to said secondary zone.

2,064,530
DOUBLE GLAZED WINDOW
Frederick Geistharp and Joseph Carl Parkinson, Tarentum, Pa., assignors to Pittsburgh Plate Glass Company, a corporation of Pennsylvania
Application March 21, 1934, Serial No. 716,636
2 Claims. (Cl. 20—56.5)

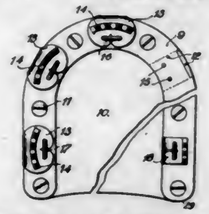


1. In combination with a sash having seating ledges for the glass sheets with surfaces for engaging the edges of the sheets extending at right angles to the plane of such sheets, a pair of parallel glass sheets in the sash, a pair of shoulders on the sash projecting inward past the seating ledges and engaging the outer faces of the glass sheets, one of which is removable and provided with clamping screws, a removable sealing strip of hard material lying in opposition to the shoulders between the glass sheets having yielding packing material along its side edges engaging the inner faces of the glass sheets, means for supplying dry air between the glass sheets and for anchoring the sealing strip in position comprising metal tubes extending through the sash and sealing strip and threaded into the strip at their inner ends, and closure means for the tubes.

2,064,531
METAL PROTECTOR FOR FOOTWEAR OR THE HOOFS OF ANIMALS
Félix Genecand, Geneva, Switzerland, assignor to Tricouni Société Anonyme, Geneva, Switzerland, a corporation of Switzerland
Application July 27, 1935, Serial No. 33,580
In Switzerland August 2, 1934
10 Claims. (Cl. 168—34)

1. In a metal protector for foot-wear or the hoofs of animals, the combination of a support and of U-shaped pieces, the median part and one branch of which are lodged in notches provided

in the support, said pieces being provided on the outer face of one of their branches with at least



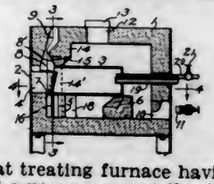
one asperity having a direction nearly perpendicular to the plane of said face.

2,064,532

HEAT TREATING FURNACE

Erwin V. Gilbert, Hartford, Conn.; Alice H. Gilbert administratrix of said Erwin V. Gilbert, deceased

Application December 24, 1931, Serial No. 582,997
22 Claims. (Cl. 263—42)



1. In a heat treating furnace having a heating chamber and a passageway at the front communicating with the heating chamber, the combination of a duct adapted for supplying hot gases and terminating in a narrow transverse slot extending across the bottom of the passageway so as to form a curtain of upward moving gases at the front of the heating chamber, and means additional to the said duct and slot for supplying hot gases at the top of the passage above the slot.

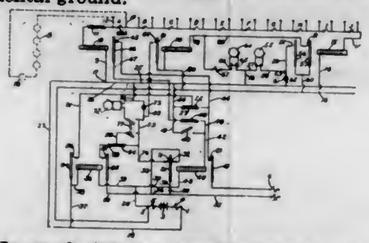
2,064,533

SUPERVISED ELECTRIC SYSTEM

Harry Campbell Grant, Jr., New York, N. Y., assignor to Walter Kidde & Company, Inc., New York, N. Y., a corporation of New York

Original application October 23, 1931, Serial No. 572,783. Divided and this application December 15, 1931, Serial No. 581,172
4 Claims. (Cl. 171—97)

1. In an electrical system comprising an electric circuit, a source of electric potential, at least one pole of which may be normally grounded, for normally energizing said electric circuit, and a secondary source of electric potential for energizing the electric circuit, in the event of failure of the first named source, normally under charge from the first named source; the provision of means for protecting the electrical system against the occurrence of grounds, comprising a main supply relay, two normally closed pairs of contacts controlled by said main supply relay, a ground detecting relay, and a normally closed pair of contacts controlled by the ground detecting relay, said main supply relay being normally energized by reason of connection from one of the poles of the first named source of electric potential, through one of the pairs of contacts of the main supply relay, through the pair of contacts controlled by the ground detecting relay, through the main supply relay, through the second pair of contacts of the main supply relay to the other pole of the first named source of electric potential; said secondary source of electric potential being connected to said first named source through said pairs of contacts of the main supply relay; and said ground detecting relay being connected in series with said electric circuit and to said first named source through said pairs of contacts of the main supply relay; whereby the occurrence of a ground in said electric circuit while one of the poles of the first named source is grounded will actuate the ground detecting relay to open the normally closed pair of contacts controlled thereby, causing deenergization of the main supply relay and consequent disconnection of the electrical system from both poles of the first named source of electric potential together with disconnection from the normally existing ground, at the same time permitting the entire electrical system to function from the secondary source despite the disconnection of the first named source and the existence of the accidental ground.



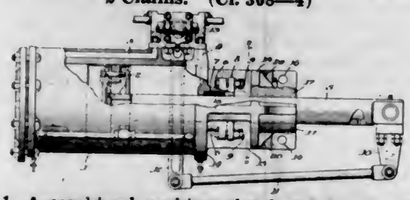
2. In an electrical system comprising an external electric circuit connected to a central station, and a source of electric potential, at least one pole of which may be normally grounded, for normally energizing said external circuit, the provision of means for protecting the electrical system against the occurrence of grounds in the external circuit, comprising a relatively high resistance inserted at each end of the external circuit adjacent its point of electrical connection with the central station, one said resistance consisting, in part at least, in a ground detecting relay, said resistances serving to limit currents flowing when a ground occurs in the external circuit, and means controlled by the operation of said ground detecting relay to disconnect the electrical system from the source upon the occurrence of a ground in the external circuit at the same time that one of the poles of the source is grounded.

2,064,534

PISTON ROD GUIDE FOR REVERSE GEARS

Thomas C. Gray, Evanston, Ill., assignor to Barco Manufacturing Co., Chicago, Ill., a corporation of Illinois

Application June 7, 1934, Serial No. 729,412
2 Claims. (Cl. 308—4)



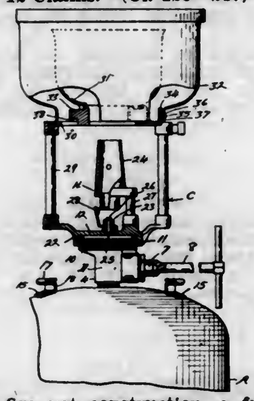
1. A combined packing gland and bearing for the piston rod of a pressure cylinder comprising a packing gland located in the cylinder head to prevent leakage along the piston rod reciprocable through said head, a rigid longitudinal extension projecting from said head provided with a piston rod guide bearing aligned with and spaced outwardly from said gland, said extension being provided near its outer end with a vertical web adapted for attachment to a support and provided between said bearing and the cylinder end with longitudinal and transverse strengthening webs.

2,064,535

FIRE POT CONSTRUCTION

Eugene Greenfield and Federico J. Thibault, Detroit, Mich., assignors to Liquefied Gas Development Company, Detroit, Mich., a corporation of Michigan

Application February 6, 1933, Serial No. 655,510
12 Claims. (Cl. 126—240)



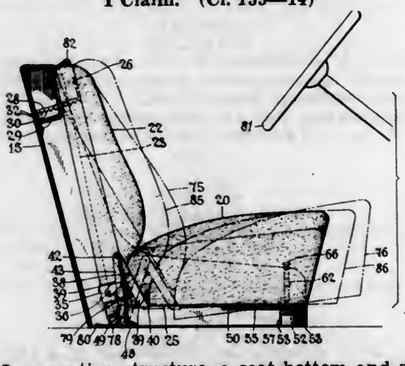
2. In a fire pot construction, a fuel tank, a valve housing connected to said tank, a fire pot stand having a base mounted upon said valve housing, pins projecting from the base, and a top plate carried by said pins, said top plate having means for supporting a melting pot and other means for supporting a guard for said melting pot.

2,064,536

VEHICLE CONSTRUCTION

Albert A. Grinnell, Medina, N. Y., assignor to Whedon, Inc., Medina, N. Y.

Application September 6, 1933, Serial No. 688,40.
1 Claim. (Cl. 155—14)



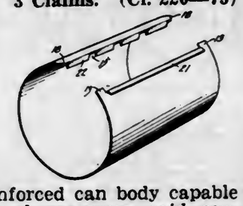
In a seating structure, a seat bottom and seat back movable forwardly and rearwardly, means for guiding and supporting the forward portion of the seat bottom for movement in a predetermined substantially horizontal path, a rocker extending transversely of the seating structure and having upwardly extending rigid arms disposed on opposite sides of the seat bottom, a stationary support in the seating structure having journals for supporting the intermediate portion of the rocker, upwardly extending stirrups secured rigidly to the rear side portions of the seat bottom and having pivotal connections to the upper ends of the rocker arms, a link adjacent each side of the seat bottom, each link being pivotally connected to the adjacent stirrup and to the lower portion of the seat back, means pivotally supporting the upper portion of the seat back in a plurality of forward and rearward positions and providing for swinging motion of the lower portion of the seat back incidental to the movement of the seat bottom regardless of the forward or rearward position of the upper portion of the seat back, and resilient means engaging one of the rocker arms and resiliently urging the arms toward an upright position.

2,064,537

CAN BODY

Walter E. Groenke, Maywood, Ill., assignor to American Can Company, New York, N. Y., a corporation of New Jersey

Application November 23, 1933, Serial No. 699,455
3 Claims. (Cl. 220—75)



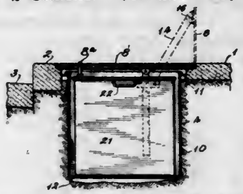
1. A reenforced can body capable of resisting high internal pressures, said can body being formed from a blank having two of its opposed marginal edges bent into oppositely directed hooks to interlock said edges into a side seam when said blank is brought to tubular form, at least one of said hooks having cutaway portions dividing it into a plurality of hook sections with wide vent spaces between said hook sections, said vent spaces being substantially filled by opposed body wall parts, to permit solder to penetrate between all thicknesses of metal of said seam when said seam is bumped and soldered.

2,064,538

SIDEWALK VAULT

Lawrence C. Hagan, Swarthmore, Pa.

Application January 30, 1935, Serial No. 4,197
2 Claims. (Cl. 220—18)



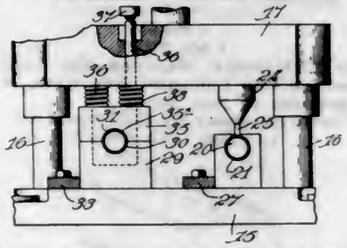
1. A sidewalk vault of a knock-down construction comprising an open rectangular frame adapted to be mounted in the sidewalk and have its upper edge lie flush with the outer surface of the sidewalk, said frame consisting of angle bars having their opposite ends connected to form a continuous groove therein, bosses formed with one of said angle bars and projecting therefrom in the same plane therewith, a cover hingedly connected to said bosses and adapted to be

seated within the continuous groove formed by said angle bars when in a closed position whereby the outer face of said cover will lie flush with the upper edge of said frame, a plurality of L-shaped brackets each having one end secured to said angle bars and the opposite ends freely depending from and projecting within said frame, a removable container supported by and suspended from said brackets and means connecting said cover with said container whereby the cover may be retained in several of its open positions.

2,064,539
METHOD OF AND MEANS FOR SHAPING THE ENDS OF TUBES

Kenneth V. Hart, South Bend, Ind., assignor to Arnold Schwinn & Co., Chicago, Ill., a corporation of Illinois

Application January 18, 1934, Serial No. 707,208
24 Claims. (Cl. 153—48)



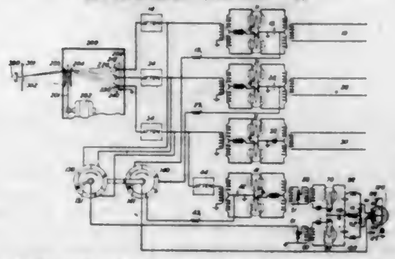
1. A machine for the purpose set forth comprising a support for a tube the end of which is to be shaped, and a shaping and shearing die having a face curved crosswise thereof and extending substantially parallel to its longitudinal axis terminating in a shearing projection the sides of which diverge along said face toward the opposite end of said die, said support and die being relatively movable to shear a tube on said support.

24. The method of shaping an end portion of a tube which consists in stamping out part of the tube at said portion to form an aperture therein, and thereafter shaping the said portion by exerting a shearing force against the tube initiated at said aperture in opposite directions outwardly from the tube, thereby to avoid collapsing the tube.

2,064,540
AUTOMATIC LINE LEVEL REGULATION OF MULTIPLE CHANNEL TELEVISION SYSTEMS

Joseph Herman, Westfield, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York

Application October 11, 1932, Serial No. 637,321
24 Claims. (Cl. 178—6)



1. The method of operating a multi-channel signaling system which comprises simultaneously cooperatively utilizing signaling currents received in two of said channels at a receiving station of said system to automatically change the transmission level characteristic of at least one of said channels.

2,064,541
PROCESS AND REAGENT FOR DESALTING CRUDE OILS

Paul R. Hershman, Chicago, Ill.

No Drawing. Application June 7, 1934, Serial No. 729,481
5 Claims. (Cl. 196—4)

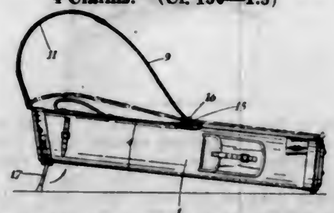
1. A method of desalting oils and breaking water in oil emulsions which comprises treating such oils with a mixture of bleaching powder and a solid compound containing hydrogen peroxide.

4. A reagent for desalting oils and breaking water in oil emulsions comprising a dry mixture of an alkaline hypochlorite, a soluble chromate, an acidic body and a compound containing hydrogen peroxide.

2,064,542
GOLF BAG

George Morgan Garro Jones, Ipswich, England

Application January 9, 1935, Serial No. 1,037
In Great Britain January 29, 1934
4 Claims. (Cl. 150—1.5)



4. In a golf bag, a flexible shoulder strap of sufficient rigidity or resiliency to retain an upwardly-arched shape when the bag is on the ground, and means affording a running connection between the free end of the strap and the bag to allow the strap to be pulled flat against the side of the bag while being held thereagainst by said means.

2,064,543
WRINGER

Walter L. Kauffman, II, Erie, Pa., assignor to Lovell Manufacturing Company, Erie, Pa., a corporation of Pennsylvania

Application May 11, 1933, Serial No. 670,465
8 Claims. (Cl. 68—32)

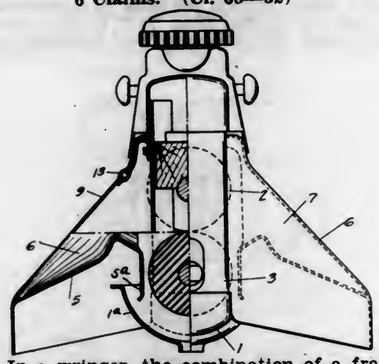


1. In a wringer, the combination of a frame; rolls mounted in the frame; and a water board, said water board being made in sections detachably directly secured together below the rolls, said sections having up-turned portions at their ends extending into overlapping relation and secured to the frame.

2,064,544
WRINGER

Walter L. Kauffman, II, Erie, Pa., assignor to Lovell Manufacturing Company, Erie, Pa., a corporation of Pennsylvania

Application December 21, 1933, Serial No. 703,355
6 Claims. (Cl. 68—32)

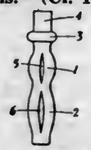


1. In a wringer, the combination of a frame; a hand-rest on the front of the frame; and a resilient connection between the rest and frame exerting a pulling force on the frame and rest drawing them together and holding the rest in spring-pressed engagement with the front of the frame, said connection being housed by the rest.

2,064,545
ELECTRICAL CONTACT PLUG OR PIN

Ernst Kleinmann and Alfred Mendel, Berlin-Lichtenberg, Germany

Application December 18, 1933, Serial No. 703,007
In Germany December 21, 1932
10 Claims. (Cl. 173—363)



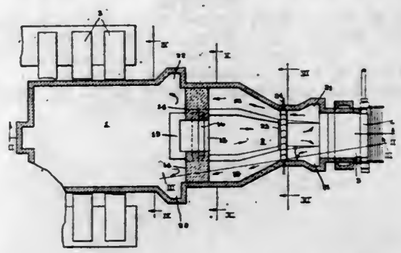
1. A thin-walled tubular electrical contact pin the diameter of which gradually increases to a maximum and gradually falls to a minimum at least twice in its length to form at least two gently curved banana-shaped enlargements of equal diameters each of which has at least one longitudinal slit terminating short of the slit in the other and short of the end of the pin so that lateral compression of one of which enlargements leads to lateral expansion of another.

2,064,546
GLASS MELTING TANK

Karl G. Kutchka, Wilkinsburg, Pa., assignor to Pittsburgh Plate Glass Company, a corporation of Pennsylvania

Application April 6, 1935, Serial No. 15,027
12 Claims. (Cl. 49—54)

1. In a glass tank having a melting end provided with heating means and a working end having means for withdrawing glass continuously from its forward end with a neck between the two ends comprising a bridge wall in the glass and a drop arch above said wall restricting the flow of glass from one end of the tank to the other and partially separating the spaces in the tank ends above the surface of the glass, a drop arch extending across the melting end of the tank to the rear of said neck and partially

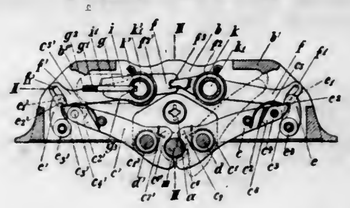


separating the space forward of such arch above the glass from the space to the rear thereof.

2,064,547
BOMBING MECHANISM FOR AIRCRAFT

Kurt Laermann, Tegel, near Berlin, Germany, assignor to Rheinmetall-Borsig Aktiengesellschaft, Dusseldorf, Germany, a corporation of Germany

Application May 25, 1936, Serial No. 81,730
In Germany April 11, 1935
9 Claims. (Cl. 89—1.5)

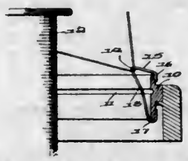


1. Bombing mechanism for use with aircraft comprising means for engaging a bomb, a locking device having locking members adapted to hold the bomb, means for releasing the bomb, and a securing device adapted to automatically secure the locking members of the locking device when the releasing means are not in normal position in the bombing mechanism.

2,064,548
RING TRAVELER

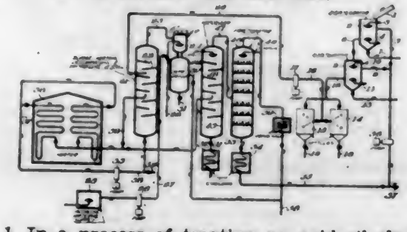
Oliver B. Land, Athens, Ga., assignor to U. S. Ring Traveler Company, Providence, R. I., a corporation of Rhode Island

Application August 25, 1936, Serial No. 97,840
5 Claims. (Cl. 118—61)



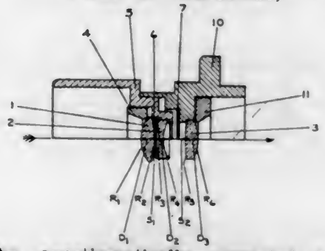
1. A ring traveler for vertical twister rings, formed with a foot, a shank extending inwardly and upwardly therefrom and merging into a head or horn portion, said head or horn portion extending downwardly at an angle to said shank portion and in the same direction away from the shank as the foot.

2,064,549
PROCESS OF TREATING AN ACID-OIL SLUDGE
Carl E. Lauer, Port Arthur, Tex., Robert E. Manley, Beacon, and Henry D. Loeb, New York, N. Y., assignors to The Texas Company, New York, N. Y., a corporation of Delaware
Application September 15, 1932, Serial No. 633,228
18 Claims. (Cl. 196—148)



1. In a process of treating an acid-oil sludge containing objectionable acidic sulphur compounds, the steps that comprise preliminarily treating the sludge to remove weak acid and carbonaceous material substantially insoluble in light petroleum oil, heating the treated sludge to approximately 400° F. thereby decomposing and volatilizing the acidic sulphur compounds, and separating the volatilized products of decomposition from the oil sludge to produce a merchantable fuel oil.

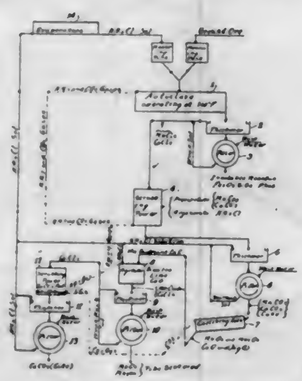
2,064,550
LENS
Horace William Lee, Leicester, England, assignor to Kapella Limited, Leicester, England, a corporation of England
Application November 23, 1934, Serial No. 754,434
In Great Britain December 22, 1933
7 Claims. (Cl. 88—57)



1. An anastigmatically corrected lens for photography, projection, and the like, comprising a dispersive element between two collective elements and placed so that its distance from the front collective element (that is, the element on the side of the longer conjugate for which the lens is corrected), is less than half its distance from the rear collective element, in which the power of said front collective element is less than two-and-a-half times and greater than one-and-a-half times, and the power of the dispersive element less than three times and greater than two-and-a-half times, the power of the system.

2,064,551
PROCESS FOR EXTRACTING VALUES FROM MANGANESE CARBONATE ORES
John D. MacCarthy, Chamberlain, S. Dak., assignor to General Manganese Corporation, Detroit, Mich., a corporation of Delaware
Application January 26, 1931, Serial No. 511,376
Renewed June 6, 1935
14 Claims. (Cl. 23—145)

4. The process of extracting metal compounds from ores containing manganese carbonates and compounds of one or more other metals which comprises treating the ore in a closed container with a solution of an ammonium salt capable of forming a soluble manganese compound and resulting in the evolution of ammonia and carbon dioxide gases, heating the same to a temperature substantially higher than 212° F. but substantially below the decomposition temperature of



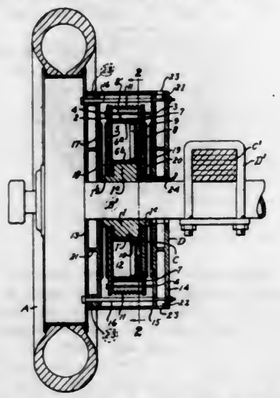
the ammonia gas, with a corresponding increase in pressure thereby evolving ammonia and carbon dioxide gases, removing said gases from said container, separating the soluble manganese compound from the insoluble residue, treating the soluble manganese compound with the said gases to precipitate insoluble manganese carbonate, thereby reforming the said ammonium salt and separating and evaporating the same in order to repeat the cycle.

2,064,552
WELL PACKER
Leon L. Mackowski, Bradford, Pa., assignor to Oil Well Supply Company, Dallas, Tex., a corporation of New Jersey
Application March 20, 1934, Serial No. 716,538
6 Claims. (Cl. 166—10)



1. A well packer comprising a tubular packer body, an expansible packing element surrounding said body, means on said body to expand said packing element mechanically at its upper end and means comprising openings in said packer body to supply fluid under pressure to expand said packing element.

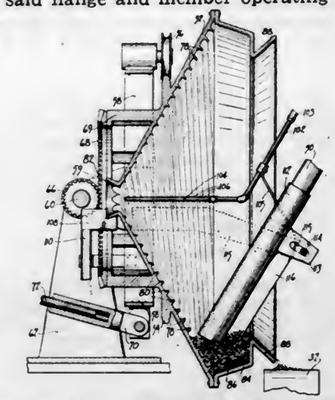
2,064,553
BRAKING MECHANISM
Edward D. Mack, St. Louis, Mo.
Application October 28, 1932, Serial No. 639,951
2 Claims. (Cl. 188—72)



1. A braking mechanism comprising a pair of members movable with an element whose movement it is desired to control through the operation of said braking mechanism, said members being hollow and having openings leading into the interiors thereof to facilitate cooling of said members, spaced members movable into contact with said pair of members, said pair of members and said spaced members being so shaped and arranged that substantially the entire areas thereof are adapted to contact when said members are moved together, and means including an expansible and contractible fluid chamber for moving said spaced members into contact with said pair of members, said fluid chamber comprising a pair of oppositely disposed, rigid chamber portions and a base element which is supported for sliding movement and with respect to which one of said rigid chamber portions moves, said fluid chamber being interposed between said spaced members and said spaced members being movable with portions of said fluid chamber.

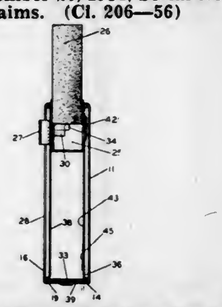
2,064,554
SEPARATOR
John P. Mahoney and Leland E. Long, South Bend, Ind., assignors to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application June 21, 1933, Serial No. 676,980
4 Claims. (Cl. 209—452)

1. An ore separator comprising a substantially horizontal axis, rotary hollow conical member having steeply sloping sides making an angle with the axis over forty-five degrees and continuous spiral grooves on its inner surface to receive ore, said spiral grooves being formed by a separately formed hard rubber rib member extending spirally around the interior of said conical member, a member fixed to the conical member and including a radial inwardly-extending flange cooperating with the peripheral portion of the member to form a reservoir, and means for rotating the conical member about its axis, said flange and member operating to form



an annular reservoir during rotation of the member about a horizontal axis.

2,064,555
LIPSTICK HOLDER
August Mitchell, New York, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application September 20, 1934, Serial No. 744,754
8 Claims. (Cl. 206—56)

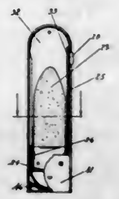


1. A lipstick holder comprising a two-part casing divided longitudinally and including two open-faced box-like sections, the edges of one section telescoping over the edges of the other section, complementary locking elements carried by the respective sections for automatically effecting a locking together of the two sections upon telescoping assembly thereof, the two sections being cut away at one end to form a discharge opening, a lipstick carrier movable in the casing, and an actuating element located outside the casing and connected with said carrier for operating the same, one of the casing sections having a slot for the passage of said connection.

2,064,556
LIPSTICK HOLDER
Philip A. Reutter, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application September 20, 1934, Serial No. 744,749
9 Claims. (Cl. 206—56)

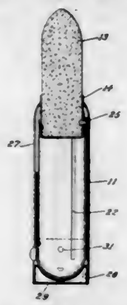
1. In a lipstick holder, and in combination, a casing having a rounded top cut away to form an end opening, a three-sided liner in the casing comprising two side walls having rounded ends and an integral connecting wall terminating

short of the rounded ends of the side walls, a carrier for a lipstick movable within the liner, and an actuating unit connected with the carrier comprising a thumb-piece operating in a slot



formed in the casing and a flexible strip guided between the casing and the liner, the upper free end of the strip serving to cover and uncover said end opening as the strip is moved.

2,064,557
LIPSTICK HOLDER
James Lee, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application February 26, 1935, Serial No. 8,235
1 Claim. (Cl. 206—56)

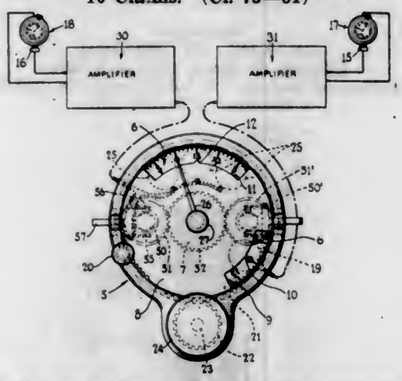


In a lipstick holder, and in combination, a housing having an opening in its upper end, a liner in the housing, a flexible strip guided between said liner and the housing, a lipstick carrier slidably mounted in said liner and connected to one end of the flexible strip, an actuating element secured to said strip at a distance from the other end thereof, the free end of the strip serving as a shutter for alternately covering and exposing said opening upon movement of the actuating element, a spring tongue cut from the wall of the liner, and a locking nib extending inwardly from said spring tongue, the lipstick carrier having a locking hole for receiving said nib, the locking elements being arranged to come into locking engagement as the shutter takes closing position.

2,064,558
REMOVAL OF SULPHUR COMPOUNDS FROM HYDROCARBONS
Avery A. Morton, Watertown, Mass.
No Drawing. Application October 23, 1933, Serial No. 694,886
12 Claims. (Cl. 260—169)

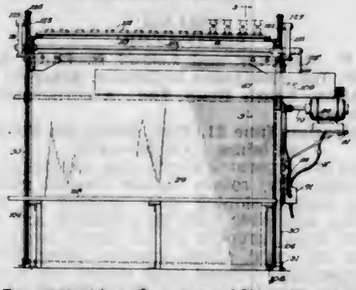
1. A process of refining hydrocarbons which comprises the causing of an alkali metal to react with an aromatic hydrocarbon halogen compound in the midst of the hydrocarbon which is to be refined.

2,064,559
APPARATUS FOR TIMING WATCHES
Ernst Norrman, Chicago, Ill.
Application February 14, 1936, Serial No. 63,858
10 Claims. (Cl. 73—51)



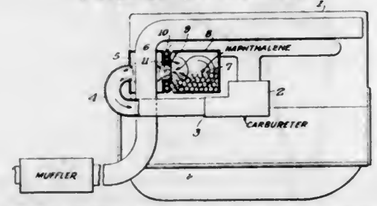
1. An apparatus for timing watches comprising, in combination, a motor and a reference dial constantly driven thereby, an index member adjacent said dial, a second index member adjacent said dial spaced from the first mentioned index member, means for mounting the motor and index members for relative adjustment to frame the dial, a flash lamp for illuminating the reference dial adjacent the first mentioned index member, a second flash lamp for illuminating the reference dial adjacent the second index member, tick responsive devices adapted to receive respectively the master watch and the watch to be tested, circuits for energizing the flash lamps respectively, each including a condenser of a capacity sufficient to energize its flash lamp for a period of the order of 1/1000 of a second when discharged therethrough and circuits connected one to each tick responsive device and arranged to trigger the respective flash lamp energizing circuits in response to the ticks of a master watch and the watch to be tested respectively.

2,064,560
METHOD OF AND APPARATUS FOR ASSEMBLING SPRING STRUCTURES
Alex H. Olson, Evanston, Ill., assignor to Joseph W. Droll, Chicago, Ill.
Application October 21, 1935, Serial No. 45,915
25 Claims. (Cl. 140—3)



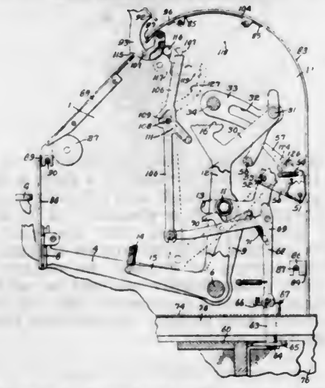
1. In apparatus for assembling spring-structures, the combination of a holder provided with a longitudinal channel having an open side for receiving longitudinally extending portions of a row of springs, means for receiving cross-members of the springs, and a series of transverse guides in the channel for individually directing the coils of a helical around the cross-members of the springs, and means for rotating the helical in, and advancing it through, the channel.

2,064,561
OPERATION OF INTERNAL COMBUSTION ENGINES
Denis T. O'Sullivan, West Orange, N. J., assignor of one-half to Philip S. McLean, Bloomfield, N. J.
Application October 29, 1932, Serial No. 640,239½
5 Claims. (Cl. 123—198)



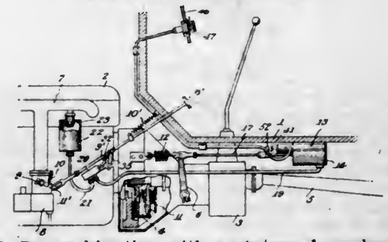
1. The herein disclosed method of improving performance characteristics of an internal combustion engine which operates on combustible mixture produced by the combination of a stream of air and fuel taken into the engine and which comprises interposing naphthalene ($C_{10}H_8$) in a solid form in the air stream flow to the engine at a point in advance of the mixture of the air stream with the fuel to effect fumation of the solid naphthalene by the air stream and applying heat to facilitate the fumation effected by the air stream.

2,064,562
CASH MACHINE
Walter J. Pasinski, Howell, Mich., assignor to Burroughs Adding Machine Company, Detroit, Mich., a corporation of Michigan
Application September 15, 1933, Serial No. 689,662
2 Claims. (Cl. 235—22)



1. A cash register comprising an exterior casing having a hinged panel, a bracket for hingedly supporting said panel, cash register mechanism disposed within said casing and including depressible keys, means controlled by said bracket for preventing depression of said keys when said hinged panel is in open position, a cash drawer disposed below said mechanism, means for normally opening said drawer, a latch for securing said drawer in closed position and releasable by operation of said keys, and means controlled by said bracket for releasing said latch when said hinged panel is in open position.

2,064,563
AUTOMATIC CLUTCH CONTROL
Henry Loyd Pike, Greensboro, N. C., assignor, by direct and mesne assignments, to Bragg-Kliesrath Corporation, South Bend, Ind., a corporation of New York
Application March 30, 1931, Serial No. 526,378
Renewed February 9, 1934
5 Claims. (Cl. 192—.01)



1. In combination with an internal combustion engine controlled by an accelerator and having an intake manifold and a clutch between the engine and the transmission of a motor vehicle, a piston connected to the clutch, a cylinder receiving the piston having a vacuum chamber, a vacuum reservoir connected to the intake manifold, a control valve actuated by the movement of the accelerator and when in one position having communication with the atmosphere, pipes connecting the vacuum reservoir and the vacuum chamber of the cylinder with the valve to permit the engine when the valve is in one position to create a partial vacuum within the vacuum chamber for engaging the clutch and in another position to destroy said vacuum due to a certain movement of the accelerator for permitting the clutch to be disengaged, and means for disengaging the clutch when the vacuum is broken in the vacuum chamber of the cylinder.

2,064,564
PREPARATION OF MONOMETHYLOL KETONES
William M. Quattlebaum, Jr., Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
No Drawing. Application July 3, 1935, Serial No. 29,675
16 Claims. (Cl. 260—134)

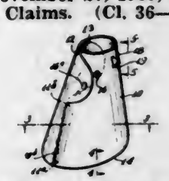
1. The process for preparing monomethylol ketones which comprises depolymerizing paraformaldehyde in the presence of a slightly alkaline anhydrous ketone solution, and subsequently condensing the resulting anhydrous formaldehyde with said ketone at low temperature.

2,064,565
PROCESS FOR PRODUCING VINYL RESINS
Ernest W. Reid, Pittsburgh, Pa., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
No Drawing. Application September 25, 1931, Serial No. 565,207
17 Claims. (Cl. 260—2)

1. Process for producing vinyl resins, a preponderating proportion of which is insoluble in toluene, which comprises polymerizing only vinyl

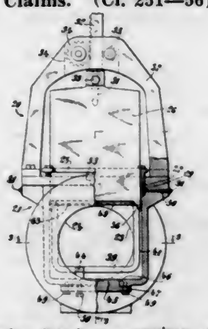
compounds in the presence of a liquid medium having substantially no greater solvent power than toluene for the vinyl polymerization product, at a temperature below about 60° C.

2,064,566
DOG BOOT OR GALOSH
David Richman, New York, N. Y.
Application November 27, 1935, Serial No. 51,817
3 Claims. (Cl. 36—2.5)



1. A dog boot or galosh, comprising a flexible waterproof sheet of material bent into substantially frusto-conical form and secured in this shape by a line of stiches between adjacent edges thereof extending from the bottom to a point midway of the height of the boot, a sole attached on the bottom of said body, flaps extending from the free edges of said body, means for connecting said flaps together, and a pair of stiff strips on opposite sides of said seam, said strips being pivotally mounted relative to said seam at their bottom ends, means for holding said strips in various pivoted positions on the sides of said seam to permit drawing in or leaving out material and thus alter the size and shape of the boot.

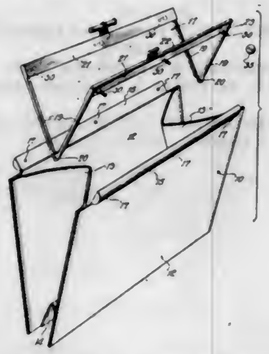
2,064,567
VALVE
Fred E. Riley, Livermore Falls, Maine
Application February 14, 1936, Serial No. 63,824
15 Claims. (Cl. 251—56)



1. A gate valve having a casing, a gate therefor, said casing having a grooved seat for the gate affording clearance with the opposite faces of the gate to permit the gate to be freely moved between open and closed positions, means effective in the closed position of the gate for automatically moving the same toward one face of the grooved seat to assure tight closing of the valve, and means operable externally of the casing for adjusting said means to control the extent of movement of the gate toward said face of the seat.

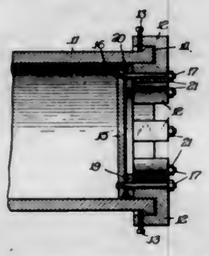
2,064,568
POCKETBOOK
Max Sachs, Far Rockaway, N. Y.
Application June 15, 1935, Serial No. 26,759
1 Claim. (Cl. 150—29)

A pocketbook construction comprising a two part pivoted frame, a crossbar forming a member of each frame part, flanges defining the edges of each of said crossbars, a bag body, bars carried by said bag body and completely enclosed thereby, said bars being of a size adapted to be received snugly within the flanges of the crossbars of the frame, and means for attaching the



bars carried by the bag body to the bag body and the crossbars of the frame, said means comprising a plurality of wood screws passing through material of the body and the crossbars of the frame and having threaded engagement with the bars carried by the bag body.

2,064,569
PIPE TESTING PLUG
Nicholas Santucci, Niles Center, Ill.
Application August 9, 1934, Serial No. 739,113
2 Claims. (Cl. 138—89)

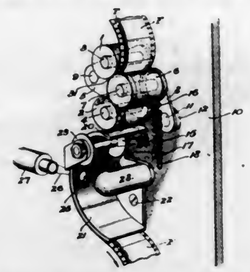


1. A pipe testing plug comprising a disk adapted to fit within the end of a pipe, a sealing member adjacent said disk and extending around the periphery thereof, a plurality of U-shaped members adapted to pass over the end of a pipe, bolts passing at right angles through one leg of said clamps to engage the outside wall of said pipe, studs fixedly secured to said disk and passing upwardly through the other leg of said clamps and means for applying pressure to said sealing member.

2,064,570
FILM DRAG APPLYING DEVICE
Walter Albert Schulz, Oaklyn, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application May 27, 1931, Serial No. 540,369
15 Claims. (Cl. 271—2.1)

1. In a film tensioning device, a pair of individually and relatively movable supports and a

plurality of rollers mounted on said supports in staggered relation, said rollers being adapted to

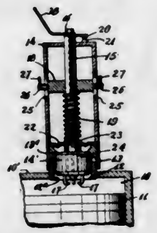


receive a film therebetween and grip the film at more than one point.

2,064,571
MANUFACTURE OF STYROL
Omar H. Smith, West Englewood, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application September 14, 1934, Serial No. 744,008
6 Claims. (Cl. 202—57)

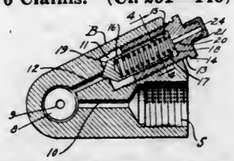
1. The method of fractionating without polymerization solutions of styrol containing chlorine as an impurity, which comprises fractionating such a solution in a metal apparatus in the presence of substantially 1 to 4 per cent. by weight of an aldehyde-amine condensation product.

2,064,572
SPRING CONTROLLED SPARK DEVICE FOR ENGINES
Vernon G. Smith, Willows, Calif.
Application June 6, 1936, Serial No. 83,871
8 Claims. (Cl. 123—148)



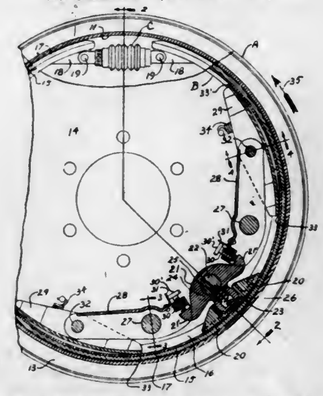
1. In combination with the chamber of a combustion engine, a bushing mounted through the inner end wall of said combustion chamber and having an internal seat, an annular member adjustably mounted on said bushing and having an opposed internal seat, a hollow body mounted on said annular member, a piston head slidably mounted between said seats, an insulation stem projecting from said head and extending through said body, a high tension terminal mounted through said stem and coacting with a grounded terminal on said head, a disc slidable on said stem, resilient means acting between said disc and said head, means for holding said disc in fixed adjusted positions to tension said resilient means, and a contact member mounted on said terminal and in the lower position of said piston head engaging a grounded contact.

2,064,573
BRAKE
John W. Tatter, Akron, Ohio, assignor, by mesne assignments, to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Refiled for abandoned application Serial No. 492,901, November 3, 1930. This application June 19, 1936, Serial No. 86,068
6 Claims. (Cl. 251—145)



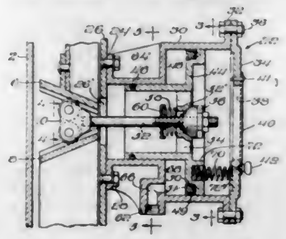
5. In a valve mechanism, the combination of a valve member provided with a conical seat portion at one of its ends together with an annular shaped end surface extending at right angles to the axis of said valve member, means for automatically causing said valve member to seat on its conical portion, and adjustable means for causing said valve member to be seated at its annular shaped end portion, said valve member being thereby locked in a seated position at both of its ends.

2,064,574
BRAKE
John W. Tatter, Detroit, Mich., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application March 18, 1933, Serial No. 661,458
10 Claims. (Cl. 188—78)



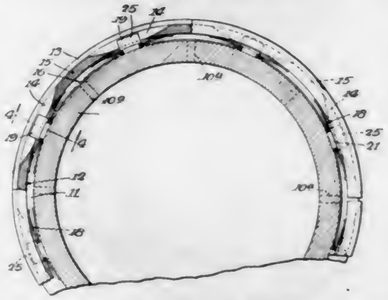
1. In a brake, a brake drum, a back plate, a brake shoe, means for actuating the brake shoe whereby to effect a braking engagement between the shoe and drum, said shoe including a portion having a tendency to disengage itself from the drum, and means operatively carried by said back plate and including a movably supported actuator and a pressure member operatively connected with the actuator, said pressure member being movably supported by said back plate intermediate the actuator support and the brake shoe actuating means, said actuator operated in response to a slight rotational movement of the shoe resulting from the engagement of the shoe with the drum, whereby to move said pressure member and apply pressure about the middle of the shoe portion tending to disengage from the drum for providing substantially uniform engagement of the whole shoe with said brake drum.

2,064,575
BRAKE
Eugene V. Taylor, Chicago, Ill., assignor to Bendix Brake Company, South Bend, Ind., a corporation of Illinois
Application May 7, 1928, Serial No. 275,671
Renewed January 28, 1935
12 Claims. (Cl. 188—152)



1. A brake assembly comprising, in combination, a brake drum and backing plate therefor, retarding means for said drum, a floating cam for rendering said retarding means operative, a fluid-operated actuator connected to said backing plate comprising a relatively movable piston and connecting rod for rendering operative said cam means.

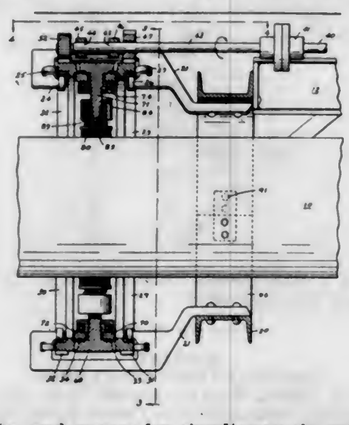
2,064,576
PISTON RING STRUCTURE
Macy O. Teetor, Newcastle, Ind., assignor to The Perfect Circle Company, Hagerstown, Ind., a corporation of Indiana
Application September 23, 1935, Serial No. 41,709
9 Claims. (Cl. 309—43)



1. In structure of the class described, the combination of a piston ring having circumferentially-spaced slots extending radially therethrough, and expanding means which includes a supporting band adapted to be seated in the ring groove behind said ring, spring members carried by said band and having spring arms engaging the inner surface of said ring, and lugs carried by said band and entering the inner portions of said slots for positioning said spring arms relative to said slots and for holding said ring and expanding means against relative rotation.

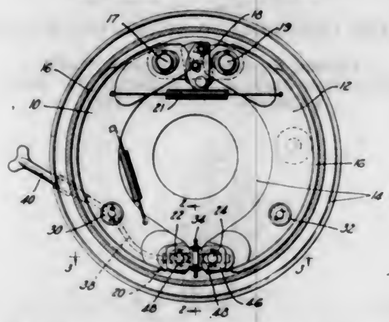
2,064,577
PIPE CLEANING APPARATUS
Starr Thayer, Houston, Tex.
Application June 10, 1935, Serial No. 25,824
10 Claims. (Cl. 15—104.04)

1. A pipe cleaning machine comprising a support rotatable about the axis of the pipe, a cleaning member rotatably mounted on said support for rotation about an axis extending radially with respect to the pipe, said member being in contact with the pipe at its inner ex-



tremity, and means for simultaneously rotating said support about the pipe axis and said member about its axis with respect to said support.

2,064,578
BRAKE
Archibald Percy Thomas, Birmingham, England, assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application April 13, 1935, Serial No. 16,114
In Great Britain October 17, 1930
19 Claims. (Cl. 188—79.5)

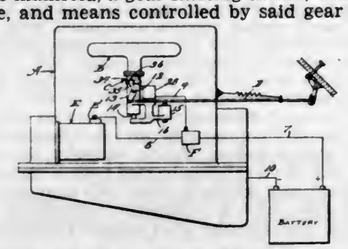


1. An adjusting device for shiftable-anchorage articulated brake shoes comprising an adjusting stud connecting the articulated ends of the shoes and floating with the shoes, a toothed wheel on the adjusting stud, a pinion meshing with the toothed wheel and which is mounted separately from the pinion and which does not float with the shoes, and a flexible connection for driving the pinion.

2,064,579
FUEL CONTROL FOR CARBURETORS
Oscar Werner, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application May 2, 1931, Serial No. 534,538
5 Claims. (Cl. 192—.01)

1. In combination with an internal combustion engine having an intake manifold, electrical means for controlling the flow of fuel to said

intake manifold, a gear shifting device, a throttle device, and means controlled by said gear shift-

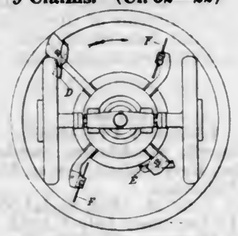


ing device and said throttle device for controlling said electrical means.

2,064,580
PLASTICIZING RUBBER
Ira Williams, Woodstown, and Carroll Cummings Smith, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 11, 1936, Serial No. 63,394
27 Claims. (Cl. 134—17)

13. The method of reducing the viscosity of solutions of unvulcanized rubber which comprises incorporating in the solution a small amount of a thio-phenol in the absence of more than about 3.5% of sulfur and in the absence of sufficient amount of a basic neutralizing material to neutralize the thio-phenol and maintaining the thio-phenol in contact with the rubber for a sufficient length of time for the thio-phenol to effect a marked decrease in the resistance of the rubber to flow.

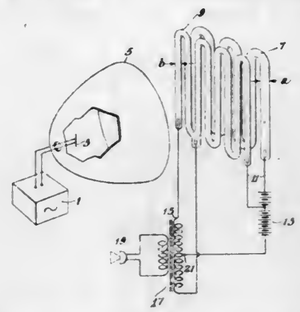
2,064,581
EXPLOSIVE MANUFACTURE
Fred R. Wilson, Birmingham, Ala., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Original application January 24, 1931, Serial No. 510,944. Divided and this application July 29, 1933, Serial No. 682,766
9 Claims. (Cl. 52—22)



1. A process of manufacturing gelatin dynamite composition which comprises introducing nitroglycerin and gelatinizing material into a mixing container, agitating and mixing the material, heating the mixture during said agitation, "wheeling" the mixture, and controlling the temperature of the mixture during said "wheeling".

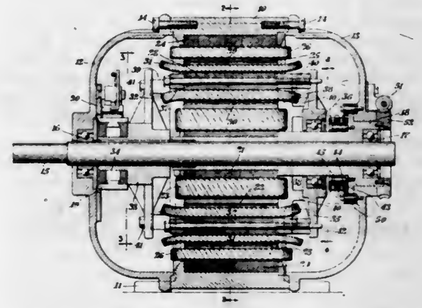
2,064,582
RADIO APPARATUS
Irving Wolff, Merchantville, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application October 31, 1934, Serial No. 750,791
19 Claims. (Cl. 179—171)

1. A radio transmitting system including a carrier wave radiator, a plurality of gaseous discharge devices in the path of radio frequency waves projected from said radiator, said devices having differentiated absorption and refraction characteristics, and means for producing amplitude modulation of said radio waves and for



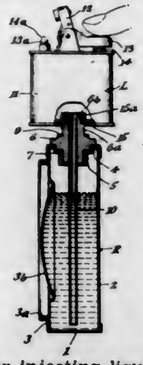
simultaneously minimizing the phase modulation thereof, said means comprising apparatus for impressing modulation energy simultaneously upon said gaseous discharge devices, and contraphasally on two portions thereof.

2,064,583
DYNAMO-ELECTRIC MACHINE
John Wolkoff, Newark, N. J.
Application April 24, 1934, Serial No. 722,116
12 Claims. (Cl. 171—252)



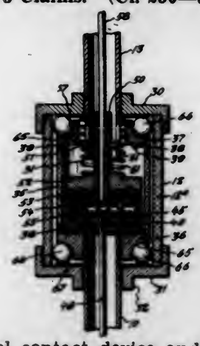
1. A dynamo electric machine comprising an annular armature having inner and outer windings, an inner and outer field member between which said armature is arranged, a rotatable member supporting said inner field member, a first and a second two-section ring insulatingly carried by said sleeve, a first pair of contacts engageable with opposite sections of said first ring, pole windings for the outer field member connected between said first pair of contacts, a second pair of contacts engageable by opposite sections of said first ring, a third pair of contacts engageable by opposite sections of said second ring, connections between contacts of the second pair and a contact of the third pair, pole windings for the outer field member connected between the sections of the second ring, an armature rotatable with said commutator, brushes for said armature, connections between said brushes, and parallel connections between said inner and outer armature windings and said commutator, the remaining contacts of the second and third pair being connectible to feed wires.

2,064,584
DISPENSING ARRANGEMENT
Louis V. Aronson, Newark, N. J., assignor to Art Metal Works, Inc., a corporation of New Jersey
Application September 16, 1933, Serial No. 689,779
2 Claims. (Cl. 221—67)



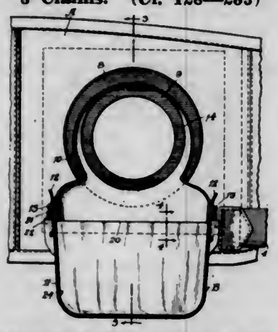
1. Apparatus for injecting liquid fuel into the fuel receptacle of a pyrophoric lighter, comprising a casing adapted to be supported in vertical position, a fixed tube depending from above the top wall of said casing to a point therein adjacent the bottom thereof, threaded means for detachably securing the fuel receptacle of the lighter to the section of said tube disposed above said top wall, the space above said casing top wall being free from obstructions whereby the lighter may be rotatably secured in position, said casing being supported in vertical position whereby the lighter fuel receptacle may be held thereabove by the upper end of said tube, and means operative while said casing and the lighter are thus positioned for forcing liquid upwardly through said tube and thence into the lighter fuel receptacle.

2,064,585
RADIO ANTENNA DEVICE
Mauricio P. Atienza, Brooklyn, N. Y.
Application May 7, 1935, Serial No. 20,179
3 Claims. (Cl. 250—33)



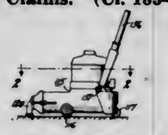
1. A swivel contact device and support for a radio loop antenna including a stationary standard and an antenna supporting member rotatably connected to said standard, a cylindrical casing rigidly connected at its lower end to said standard, said supporting member extending into the upper end of said casing for rotative movement therein and arranged to have a splined connection with a hollow plunger, a flanged head on said plunger carrying a contact disc, a stationary contact disc secured to the bottom of said casing, and spring means associated with said movable contact disc for urging and maintaining the same in engagement with the cooperating stationary contact disc at all times, a pad of insulating material arranged between each of said contact discs and its associated support, said stationary contact disc and its associated insulator pad including means whereby the same may be adjusted relative to said pad; a conductor connecting said antenna loop with said movable contact disc, and a conductor connecting said stationary contact disc with a radio receiving set.

2,064,586
COLOSTOMY OUTFIT
Frank A. Boser, Jersey City, N. J.
Application July 7, 1936, Serial No. 89,417
3 Claims. (Cl. 128—283)



1. A colostomy outfit including a belt adapted to be secured around the body, a ring constituting a part of the belt and adapted to be positioned around the opening in the body, a rigid container comprising upper and lower sections, means removably coupling said sections together, said upper section having an opening in its rear wall adapted to receive the ring, an inner waterproof paper bag substantially of the same size and shape as the interior of the lower rigid container section and located therein, and means clamping the container against the ring.

2,064,587
VACUUM CLEANER
Fredrik Carlstedt, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del., a corporation of Delaware
Application June 28, 1934, Serial No. 732,911
In Germany July 8, 1933
7 Claims. (Cl. 183—37)

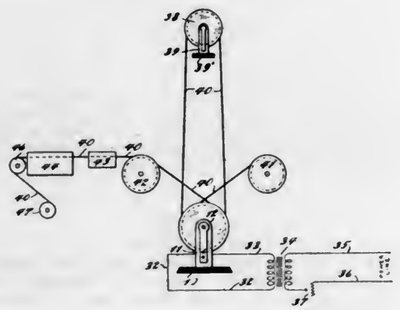


4. A vacuum cleaner including a casing, a dust bag in said casing, a plurality of impeller fans in said casing including fan housings having inlets and outlets, the inlet of one of said housings being permanently in communication with the interior of said casing, means providing a passageway permanently in communication with the outlet of said one of said housings, a motor for driving said impellers located in said passageway, and movable valve means for establishing communication between said passageway and the inlet of the other of said housings and alternatively for establishing communication between said passageway and the outlet of said other housing and between the interior of said casing and inlet of said other housing.

2,064,588
PROCESS OF FORMING LIME COMPOSITIONS
Charles I. Chubbuck, San Marino, Calif.
No Drawing. Application December 12, 1933, Serial No. 702,029
6 Claims. (Cl. 106—24)

1. A process of producing a lime product which consists of adding 1% to 30% of sulphur to the lime during the period of slaking, heating the resultant lime putty sufficiently to drive off the free and combined water, and finally grinding the product.

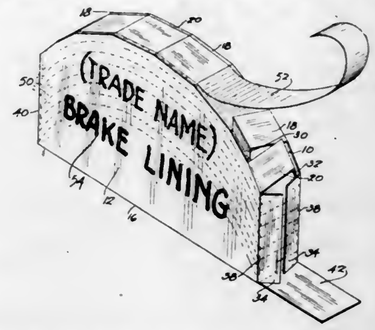
2,064,589
APPARATUS FOR HEATING WIRE
Wilber H. Convers, Poughkeepsie, N. Y.
Original application December 31, 1930, Serial No. 505,704. Divided and this application April 28, 1932, Serial No. 607,934
11 Claims. (Cl. 219—11)



1. In an apparatus of the class described, means for exerting tension upon a wire, means for forming a portion of said wire into U-shape and heating said U-shaped portion while moving said wire longitudinally, means for transmitting said tension from one part of said wire to another part by by-passing it around said portion being heated, and means for varying the length of the portion being heated.

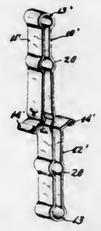
2,064,590
CONTAINER
Marion M. Cunningham, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application November 16, 1934, Serial No. 753,342
2 Claims. (Cl. 229—16)

2. A cardboard container adapted to receive arcuate shaped friction brake lining, said container comprising a flat bottom closure, a pair of arcuate shaped side closures formed integral with the bottom closure, a plurality of cooperating staggered laterally extending projections formed integral with the arcuate shaped side closures to form a shaped top closure conforming to the shape of the friction lining, locking flaps carried by the staggered projections to engage the brake lining to hold the container in the closed position, and means including a strip of gummed



material to seal the container in the closed position.

2,064,591
NONBREAKABLE CLOTHESPIN
Toney David, Winfield, N. Y.
Application February 24, 1936, Serial No. 65,354
4 Claims. (Cl. 24—137)

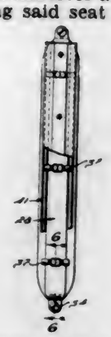


1. A non-breakable metallic clothes pin, comprising an integral strip having a central portion formed with received openings, an end portion continuing from one end of said central portion and extending along one side of said central portion and directed inwards, and another end portion continuing from the other end of said central portion and extending along the other side and also directed inwards, and headed prongs stamped from the end portions and engageable into said receiving openings for latching the end portions to the central portion.

2,064,592
ADJUSTABLE SEAT CONSTRUCTION
August L. de Cary, Detroit, Mich., assignor to Douglas, Lomason Company, a corporation of Michigan
Application August 9, 1934, Serial No. 739,102
11 Claims. (Cl. 155—14)

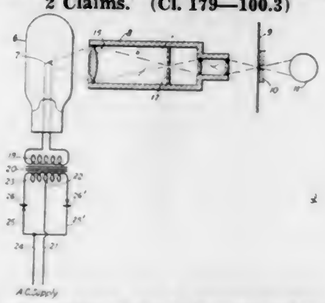
9. In combination with a movable seat having a fixed support and having means for confining its movement relative to said support to a predetermined course, seat adjusting mechanism including a supporting plate fixed to said seat, an operating lever pivotally mounted on said supporting plate, a bell crank lever pivotally mounted on said plate, means providing a pivotal sliding connection between one arm of said bell crank lever and said operating lever, and a system of levers pivotally connected with said bell crank lever and biased between said seat and said fixed support for constraining the pivotal move-

ment of said bell crank lever about its pivotal axis and thereby urging said seat in the direction of
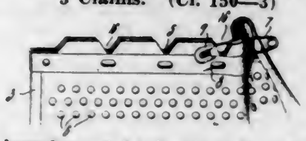


its freedom of movement by rotation of said operating lever.

2,064,593
APPARATUS FOR REPRODUCING SOUND-ON-FILM
Lee de Forest, Hollywood, Calif., assignor to General Talking Pictures Corporation, New York, N. Y., a corporation of Delaware
Application April 4, 1935, Serial No. 14,627
2 Claims. (Cl. 179—100.3)



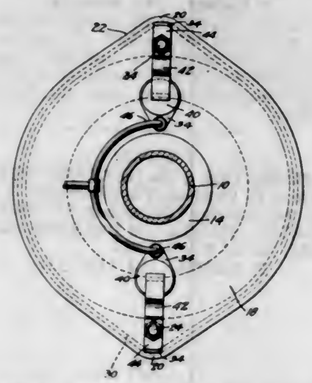
1. A combination in a sound-on-film apparatus including a single alternating current supply, an exciter lamp of the single filament type, a transformer, the primary of which is mid-tapped to the alternating current supply, a plurality of rectifiers connected to the end-taps of the primary of the transformer, and all of said rectifiers being connected to the alternating current supply, and the secondary of the transformer being connected to the filament of the lamp whereby the normal cycles of the alternating current supply are multiplied to produce a substantially constant glow in the lamp filament.

2,064,594
LAUNDRY NET
Ralph L. Dickey, Upper Montclair, N. J., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
Application February 20, 1935, Serial No. 7,352
3 Claims. (Cl. 150—3)



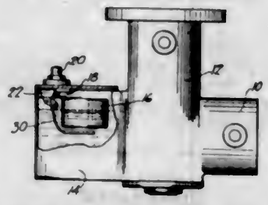
1. A laundry net having a portion adjacent to an open end provided with a series of openings for the reception of a securing pin, and separated flaps projecting beyond said portion to serve as sealing means, the spaces between said flaps being aligned with said openings for receiving a portion of the securing pin.

2,064,595
BRAKE
Adiel Y. Dodge, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application March 21, 1932, Serial No. 600,333
10 Claims. (Cl. 188—72)



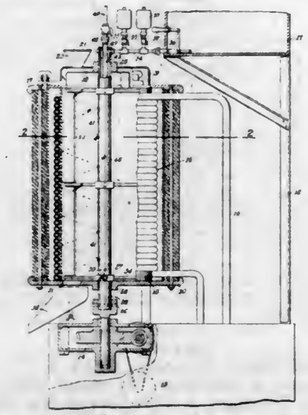
1. A brake comprising a fixed member, an axially movable member, and means for moving the axially movable member including a lever fulcrumed at one end on said fixed member, and a bellows for actuating the lever.

2,064,596
CARBURETOR
James L. Edelen, South Bend, Ind., and Scott F. Hunt, Detroit, Mich., assignors to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application September 14, 1931, Serial No. 562,617
4 Claims. (Cl. 137—104)



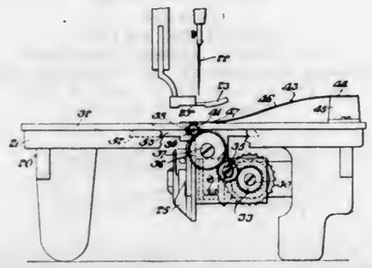
1. In a carburetor for use in vehicles, a float chamber, a float pivotally mounted therein, a member fixed to the float and arranged to move when the float moves and in the same direction, a counterbalance in the chamber immediately beneath the float, and a member associated with the counterbalance and actuated thereby to move when the counterbalance moves and in the opposite direction and contacting with the first mentioned member to prevent movement of the float under the influence of shocks, said float and counterbalance being provided with parallel closely adjacent surfaces adapted to confine therebetween a body of liquid.

2,064,597
FREEZING AND DISPENSING APPARATUS
Julius R. Engelmann, Jersey City, N. J.
Application July 3, 1935, Serial No. 29,636
11 Claims. (Cl. 62—114)



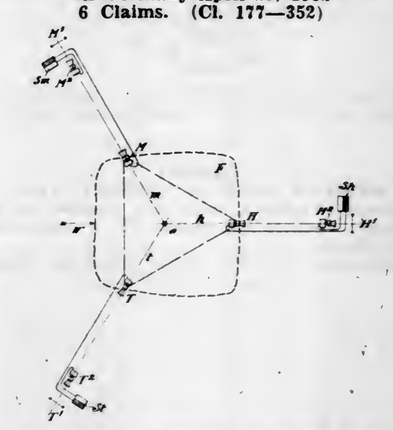
1. In apparatus of the character set forth: an element affording a freezing surface adapted to discharge frozen mix, mix-distributor means extending longitudinally with respect to the freezing surface and provided with a plurality of longitudinally disposed discharge openings adapted to deposit simultaneously therefrom mix upon and to distribute the same substantially uniformly over the length of the said surface, means to move one of the associated elements relatively to the other, and air-discharge means associated with the mix-distributor means to discharge the mix forcibly therefrom in a direction substantially normal to the freezing surface, aerate the mix and cause it to be distributed over and to impinge in finely-divided condition as a succession of linear deposits of mix upon the freezing surface for substantially instantaneous freezing of the mix.

2,064,598
CUTTING DEVICE FOR SEWING MACHINES
Harry Fabian and Alfred K. Edwards, Philadelphia, Pa.
Application December 6, 1935, Serial No. 53,194
4 Claims. (Cl. 112—127)



1. The combination with a sewing machine, of a plate, a bearing block supported by said plate, a shaft journalled in said block, a gear on each end of said shaft one of which meshes with a gear of the machine mechanism, a cutter shaft journalled in said block, a cutter on the inner end of said cutter shaft and projecting through an aperture in the plate adjacent the sewing machine needle, a train of gears including the other one on the first named shaft and one on the cutter shaft for transmitting motion to the cutter from the machine mechanism, and a material separator having a foot located in the region of the cutter with the upper surface of said separator above the cutter to maintain an upper layer of material out of contact with the cutter during the time the two layers are being sewn together.

2,064,599
METHOD OF AND APPARATUS FOR GUIDING AIRCRAFT IN LANDING
Georg Foges, Prague, Czechoslovakia
Application February 9, 1933, Serial No. 655,901
In Germany April 29, 1932
6 Claims. (Cl. 177—352)

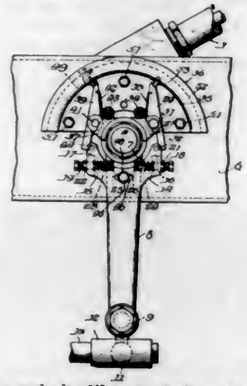


2. A method of guiding aircraft in landing which consists in emitting sound waves from a first point in the vicinity of an aerial emitting radio waves, said point being located in line with the intended landing direction outside the landing field on the side from which the craft is intended to approach the field, emitting sound waves perceptible in the neighborhood of said first point and said aerial from a second point distant from the first point but likewise in line with said direction, said second point being located near the landing field where the craft is intended to enter the confines of said field, said sound waves emitted from said first and said second point being directed in line with, but against said intended landing direction, and receiving on said aircraft first said radio waves, and, thereafter, by binaural hearing the sound waves from said first point and, then, from said second point.

2,064,600
STEERING CONTROLLER
Arthur A. Friestedt, McHenry, Ill.
Application May 15, 1933, Serial No. 671,154
14 Claims. (Cl. 280—89)

1. In a vehicle steering apparatus including a drag link for steering dirigibly mounted running wheels, a steering arm mounted for oscillation about a fixed pivot, a lever pivotally connected to said arm and operatively connected to said link below and removed from said pivotal connection, means for resiliently limiting the pivotal movement of said lever relatively to said arm, means controlled by said relative movement for stopping oscillation of said arm in a

given direction including a rack having teeth arranged on an arc concentric with said fixed



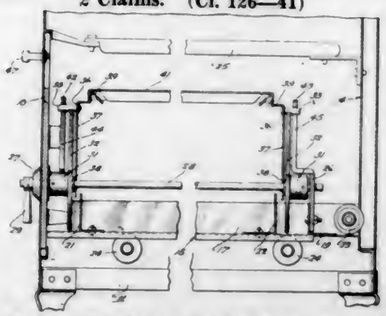
pivot and pawls bodily carried on said arm, and means on the lever for engaging said pawls.

2,064,601

BROILER DRAWER CONSTRUCTION

Matthew Gregorich, Joliet, Ill., assignor to The Moore Corporation, Joliet, Ill., a corporation of Illinois

Application October 5, 1934, Serial No. 746,967
2 Claims. (Cl. 126—41)



1. In a broiler drawer having a pan supporting member, a shaft rotatably mounted in said drawer, and a plurality of cam shaped members fixedly mounted on said shaft for variably positioning said pan supporting member, said pan supporting member having depending slotted guide portions, and said shaft extending through the slots of said guide portions.

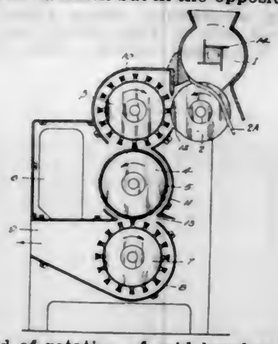
2,064,602

MACHINE FOR GINNING AND CLEANING COTTON

Joseph Harris, Caruaru, Brazil

Application September 11, 1934, Serial No. 743,507
In Great Britain June 11, 1934
2 Claims. (Cl. 19—57)

1. An improved machine for cleaning cotton comprising a rotating brush having a surface formed by projecting steel wires, means for feeding the cotton on to said brush, a second brush having a surface formed by ordinary bristles rotating in contact with the first brush but in the opposite direction, a third brush having a surface formed by projecting steel wires rotating in contact with the second brush but in the opposite direction, and a fourth brush having a surface formed by ordinary bristles rotating in contact with the third brush but in the opposite direction,



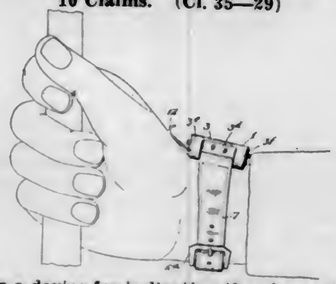
the speed of rotation of said brushes being successively and progressively higher from the first brush to the last.

2,064,603

AUDIBLE SIGNAL DEVICE

Gertrude A. Harrison, Cleveland, Ohio

Application February 2, 1932, Serial No. 590,433
Renewed August 6, 1936
10 Claims. (Cl. 35—29)



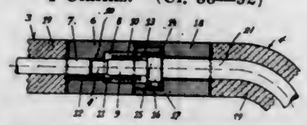
1. In a device for indicating the physical movements of a person wearing the device, the combination of audible signal means; means for securing said signal means on one part of the wearer's person; and means operatively connected to the signal and securing means and adapted to be engaged and moved by another part of the wearer's person to actuate the signal means and thereby indicate the occurrence of a particular relative movement of the two said parts of the wearer's person.

2,064,604

SPECTACLE FRAME

Paul Hempel, Cologne, Germany

Application December 24, 1934, Serial No. 759,075
In France and Italy April 4, 1934
4 Claims. (Cl. 88—52)



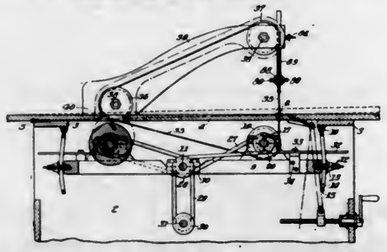
1. A templet for spectacles comprising a main portion, a rear end portion bent out of alignment with said main portion and adapted to be swung about an axis substantially identical with the longitudinal dimension of said main portion, a spring resiliently urging said rear end portion in a direction towards the back of the head of the wearer, and an abutment element limiting the swing of said rear end portion.

2,064,605

BAND SAW ATTACHMENT FOR WOODWORKING MACHINES

Joseph A. Hirtz, Sr., Mount Oliver, Pa., assignor of one-half to Ellsworth J. Smith, Sr., Mount Oliver, Pa.

Original application March 13, 1935, Serial No. 10,827. Divided and this application April 17, 1936, Serial No. 74,946
5 Claims. (Cl. 143—17)



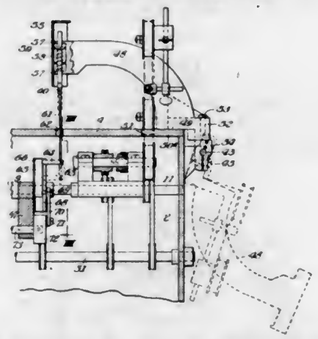
4. In combination with a supporting frame having an upper supporting edge portion and a lateral hinge rod, a laterally swinging band saw frame slidably hinged on said rod, said frame having a projecting arm, a tightening clamp, and a base engageable with said edge portion for erection thereon, a band pulley on the base and the outer terminal of the arm respectively, a lower tightening and driving pulley in rim alinement with the arm terminal pulley, adjusting and driving means therefor, a band saw engaging said pulleys, and an intervening work supporting platform having clearance openings for the band saw.

2,064,606

JIGSAW ATTACHMENT FOR WOODWORKING MACHINES

Joseph A. Hirtz, Sr., Mount Oliver, Pa., assignor of one-half to Ellsworth J. Smith, Sr., Mount Oliver, Pa.

Original application March 13, 1935, Serial No. 10,827. Divided and this application April 17, 1936, Serial No. 74,947
5 Claims. (Cl. 143—70)



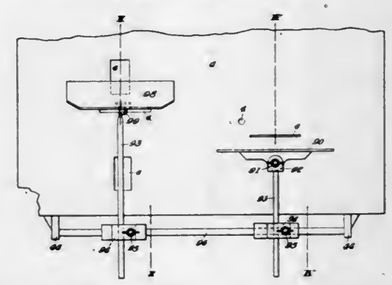
1. In combination with a flat top supporting table having an upper supporting edge portion and a lateral horizontal hinge rod below said edge portion, a laterally swinging jig saw frame hinged on said rod for vertical outward and inward swinging movement thereon having a base engageable with said edge portion for erection thereon and provided with a reciprocable jig saw spindle, a lower reciprocable jig saw spindle and actuating means therefor, a jig saw connecting said spindles, actuating means therefor, and an intervening work supporting platform having a clearance opening for the jig saw.

2,064,607

GUIDE FOR WOODWORKING MACHINES

Joseph A. Hirtz, Sr., Mount Oliver, Pa., assignor of one-half to Ellsworth J. Smith, Sr., Mount Oliver, Pa.

Original application March 13, 1935, Serial No. 10,827. Divided and this application April 17, 1936, Serial No. 74,948
1 Claim. (Cl. 143—170)



In combination with a supporting frame having a work supporting top and an outer laterally mounted cylindrical rod co-extensive with the length of the working area of the top and spaced outwardly therebelow, a sliding and tipping bearing block having at its lower portion a cylindrical bore for hinging and sliding mounting on said rod and provided with bifurcated terminals beyond the bore, a tightening and loosening clamping bolt extending through said bifurcated terminals for effecting tightening and loosening around the rod, the upper portion of the block having a cylindrical bore at right angles to said lower bore and a lateral clearance slot beyond the bore providing a gripping and loosening extension, a tightening and loosening clamping bolt extending through said extension for effecting tightening and loosening around an inserted rod, and a guide rod slidably mounted in the block provided with a work-guiding terminal adapted to be adjusted longitudinally or laterally of the work supporting top, said work guiding terminal being pivotally connected to the end of the guide rod and having tightening means holding the face of the work-guiding terminal in an adjusted angular relation to the horizontal face of the work supporting top, said bearing block being adapted for location of the guide rod and its terminal in operative position over the work supporting top and to be thrown outwardly and downwardly with the guide rod in receded position upon loosening the clamping bolts.

2,064,608

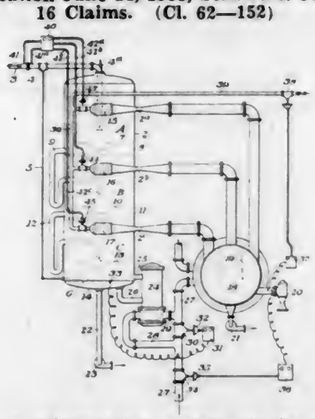
CELLULOSE DERIVATIVE COATING COMPOSITION

Robert Tyler Hucks, South River, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application July 7, 1934, Serial No. 734,211
10 Claims. (Cl. 134—79)

1. In the process of preparing cellulose derivative coating compositions of high dielectric strength, the step of adding from 10 to 50% by weight of finely divided manganese dioxide.

2,064,609
METHOD AND APPARATUS FOR COOLING LIQUIDS
Eugene A. Humble, Greensburg, Pa., assignor to Elliott Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application June 14, 1933, Serial No. 675,724
16 Claims. (Cl. 62—152)



1. In a refrigerating system of the vacuum flash type, the steps comprising introducing liquid into a closed vessel, withdrawing vaporous fluid therefrom by means of thermo compressors to maintain a vacuum therein, condensing at least a portion of the withdrawn vaporous fluid, and varying the quantity of propelling fluid supplied to the thermo compressors in accordance with the quantity of liquid to be cooled.

2,064,610
STABILIZATION OF NONDRYING AND SEMIDRYING OILS
James K. Hunt, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application October 14, 1932, Serial No. 637,787
13 Claims. (Cl. 87—9)

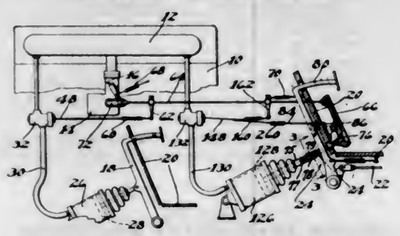
1. A composition of matter comprising a fatty substance of the group consisting of non-drying and semi-drying oils having a tendency to become rancid to which has been added an ortho-alkoxy phenol in which at least one of the positions 4 and 5 is substituted by a CHO group in an amount sufficient to inhibit rancidification of the fatty substance.

2,064,611
MANIFOLDING
Arthur A. Johnson, Bridgeport, Conn.
Application September 3, 1931, Serial No. 560,967
4 Claims. (Cl. 282—12)



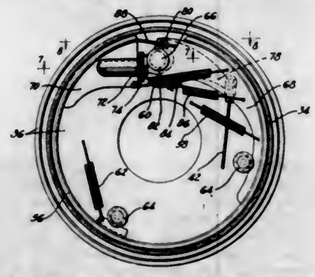
1. A manifolding pack formed of a pile of continuous superposed and interleaved record and transfer strips to be led for use to a typewriter or the like machine having a platen and pin wheel feeding devices, the strips being divided into sheet lengths by transverse lines of severance and the pile being folded on the lines of severance in zigzag fashion to form the pack, the sheet lengths being in registry in the pack, the strips in the part of the pile extending from the pack to the platen being free to be shifted to offset the sheet lengths of the record strips from those of the transfer strips to provide projecting finger grips on the record and transfer sheets respectively at opposite edges of a set of sheets severed from the pile along said lines of severance for stripping purposes; and apertured feeding bands on the strips cooperating with the pin wheels of the machine with which the pile is used for effecting said offsetting movements in the part of the pile extending from the pack to the pin wheel as the pile is advanced to the platen from the pack.

2,064,612
CONTROL MECHANISM
Victor W. Kliesrath, South Bend, Ind., and Roy S. Sanford, New York, N. Y., assignors to Bragg-Kliesrath Corporation, South Bend, Ind., a corporation of New York
Application August 28, 1931, Serial No. 559,989
Renewed February 21, 1934
10 Claims. (Cl. 192—.01)



1. A vehicle having a throttle, a power clutch, and a power brake, an operating member controlling the throttle and the power for the clutch and the power for the brake and also arranged to apply manual pressure to the brake, and another operating member arranged to control the power for the brake and to apply manual pressure to the brake, each of said operating devices being unaffected by the application of the other.

2,064,613
BRAKE
Robert F. Kohr, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application December 29, 1932, Serial No. 649,373
12 Claims. (Cl. 188—78)

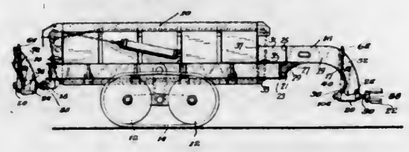


1. A brake having a rotatable drum, a backing plate at the open side of the drum carrying a fixed brake anchor, a brake band within the drum having reinforcements at its ends and having said anchor arranged between said ends, an adjustable thrust member having a threaded part adjustable to compensate for wear of the brake and which member is carried by one of said reinforcements and which engages said anchor, and a floating operating lever arranged in the space between the other reinforcement and the backing plate and which has an integral tongue bent back with respect to said lever and which is hooked over the end of said other reinforcement on one side of the anchor and which lever has a thrust part projecting past the other side of the anchor and engaging the adjustable thrust member and which lever also has a second integral tongue bent back with respect to the lever and embracing the inner edge of said other reinforcement.

2,064,614
ARTIFICIAL RESIN
Earle C. Kneale and Henry H. Wohlgemuth, Pontiac, Mich.
No Drawing. Application November 18, 1931
Serial No. 575,961
3 Claims. (Cl. 260—4)

2. The process of producing a resinous body which comprises directly reacting an alkaline phenol formaldehyde partial condensate with a coumarone-indene resin at reacting temperatures and in the presence of a polyhydric alcohol, in quantity sufficient to prevent substantial further condensation reaction of said condensate.

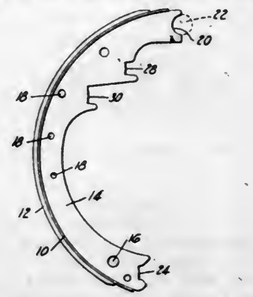
2,064,615
DRAFT APPLIANCE
Joseph Kuchar, Chicago, Ill., assignor to Athey Truss Wheel Co., Chicago, Ill., a corporation of Illinois
Application September 26, 1930, Serial No. 484,623
4 Claims. (Cl. 280—33.44)



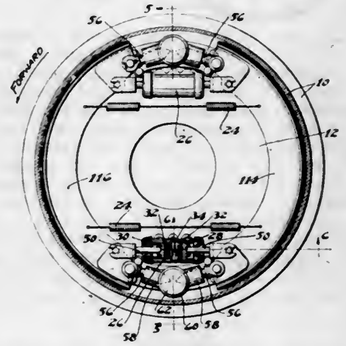
2. A one-piece, integral casting to be used as an arched draft appliance comprising a tongue having an attaching frame at its butt end, and a forward depending hitch bar, the inner or rear face of the upper portion of the depending hitch bar being sloped downwardly and forwardly and being curved into the under face of the tongue in symmetrical outline, said casting and its several above-named parts being of hollow, rectangular construction in cross-section.

2,064,616
BRAKE
Ludger E. La Brie, Detroit, Mich., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Original application February 4, 1935, Serial No. 4,802. Divided and this application March 21, 1936, Serial No. 69,999
4 Claims. (Cl. 188—250)

1. A brake shoe formed with a rim and a web, the web being formed at opposite ends with surfaces adapted to engage respectively an anchor and an adjusting device, and said web having adjacent the anchor-engaging end two notches facing away from the rim and having rounded bottoms, for engagement with two applying devices.



2,064,617
BRAKE
Ludger E. La Brie, South Bend, Ind., assignor to Bendix Brake Company, South Bend, Ind., a corporation of Illinois
Application April 23, 1931, Serial No. 532,265
17 Claims. (Cl. 188—79.5)

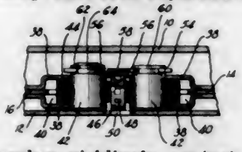


1. A brake comprising, in combination with a rotatable drum, a pair of shoes engageable with the drum and each arranged to anchor at one end when the drum is turning in one direction and at its other end when the drum is turning in the other direction, return springs acting on the shoes, a pair of adjustable anchorages one positioned between each pair of adjacent ends of said shoes, and fluid-pressure means for forcing the shoes against the drum to apply the brake and which fluid-pressure means in brake-released position is under a positive pressure less than the force of said springs to cause the fluid-pressure means to expand automatically to compensate for adjustment of the anchorage means but without overcoming the return springs.

2,064,618
BRAKE
Ludger E. La Brie, South Bend, Ind., assignor to Bendix Brake Company, South Bend, Ind., a corporation of Illinois
Original application September 6, 1928, Serial No. 304,196. Divided and this application August 30, 1933, Serial No. 687,430
14 Claims. (Cl. 188—79.5)

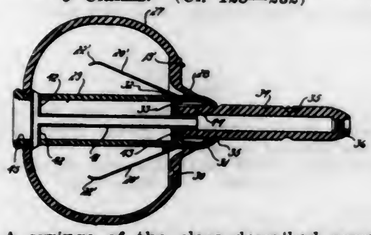
1. A floating brake adjustment comprising a right-and-left threaded member and thrust parts

threaded on the ends thereof, and means carried by and floating with said adjustment and hold-



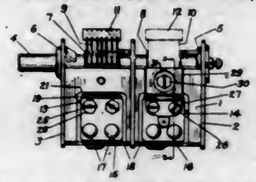
ing said member yieldingly against unintended turning.

2,064,619
SYRINGE
Clarence E. Leonard and Grace E. Leonard, Bethlehem, Pa.
Application May 25, 1935, Serial No. 23,387
9 Claims. (Cl. 128—232)



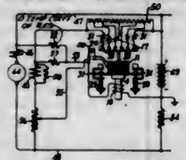
1. A syringe of the class described comprising: a collapsible bulb; an outlet tube projecting axially through said bulb; a delivery pipe mounted on said tube adjacent one end thereof and non-communicating therewith, there being passages formed for communicating said delivery pipe with the interior of said bulb; a flexible portion on one end of said outlet tube embracing said delivery pipe and adapted when in embracing relation relatively thereto, for sealing said end of said tube around said pipe, and adapted upon distention for permitting passage of liquids surrounding said pipe into said tube; and means interior of said bulb and engageable thereby upon collapsing thereof for distending said flexible portion.

2,064,620
MEANS FOR APPLYING A TRIMMING CONDENSER TO A MAIN CONDENSER
Albion D. T. Libby, East Orange, N. J., assignor to Condenser Development Corporation, Newark, N. J.
Application July 30, 1932, Serial No. 626,452
3 Claims. (Cl. 175—41.5)



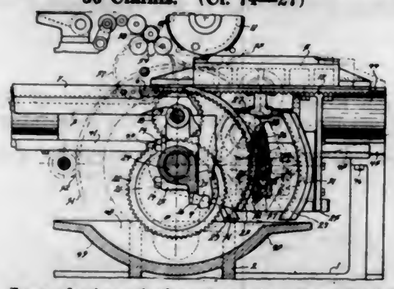
1. For an electrical condenser having a frame and relatively movable sets of elements carried thereon and also having means for attaching one set of said elements to at least two insulators carried by the frame, said attachment means including members going through the insulators; a trimmer condenser plate adapted to be quickly mounted on the insulator by means directly engaging said attachment members but without disturbing the same, and means for adjusting the capacity position of said trimmer plate with respect to the frame.

2,064,621
ELECTRICAL CONTROL APPARATUS
Jacob W. McNairy, Erie, Pa., assignor to General Electric Company, a corporation of New York
Application April 9, 1935, Serial No. 15,500
31 Claims. (Cl. 171—229)



1. In an electrical control apparatus, a dynamic type main control element having a movable coil arranged to move in a magnetic field produced by a field coil, a support substantially parallel to the axis of said field coil, and a pair of flexible steel blade springs extending between said support and said main coil at substantially right angles to said support and to the axis of said movable coil, the ends of said movable coil being connected, respectively, to said springs.

2,064,622
PRINTING PRESS
Robert Miehle, Chicago, Ill.; Mabel K. Miehle, administratrix of said Robert Miehle, deceased
Application April 6, 1931, Serial No. 528,048
36 Claims. (Cl. 74—27)

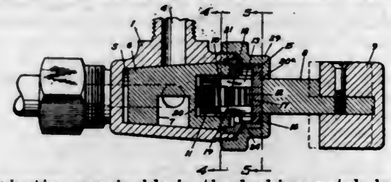


1. In a device of the character described the combination with a horizontally reciprocable member provided with a downwardly facing longitudinally extending rack, of two revoluble meshed gears disposed underneath said reciprocable member on vertically spaced axes and the upper of which is operatively connected directly with said rack, a revoluble internal gear segment alternately engaging said gears for operating said reciprocable member through the medial portions of its movements, and means for reversing said reciprocable member at the ends of its movements including a crank operatively connected with said gear segment.

2,064,623
SAFETY VALVE
Ervin H. Mueller, Detroit, Mich.
Application January 17, 1935, Serial No. 2,220
6 Claims. (Cl. 251—165)

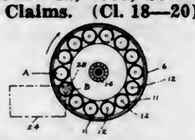
1. A locking valve comprising, a valve body having a valve seat, a valve member rotatable on the seat, a stem slidably interlocked with the valve member, a cap connected to the valve body, a spring interposed between the valve and stem for holding the valve on its seat with the stem reacting against the cap, a locking member slidably interlocked with the stem, a second spring acting on the locking member, means on the

stem against which the second spring reacts whereby the second spring and locking member are in unit assembly with the stem, a locking notch, and the said locking member having a



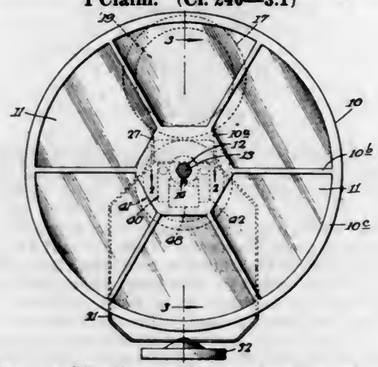
projection receivable in the locking notch by the action of the second spring, said locking member and its spring being shiftable bodily with the stem to displace the said projection from the notch, whereby the valve may be rotated.

2,064,624
TARGET-MAKING MACHINE
James W. Napier, Carnegie, Pa.
Application June 12, 1935, Serial No. 26,162
5 Claims. (Cl. 18—20)



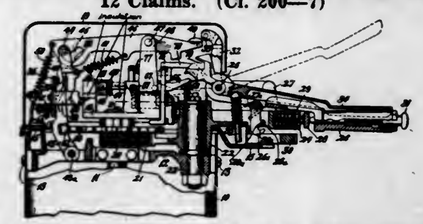
1. In a readily transportable target-making machine of relatively light weight, the combination of a base, a vertical standard, two supports secured to and extending radially from said standard in vertically spaced-apart relation, a horizontal table rotatably mounted on said standard between said supports, a vertically reciprocable plunger mounted in said upper support, said table carrying a circular succession of target-shaping cups adapted by intermittent rotation of said table to be moved one after another into position beneath said plunger, means for forcing said plunger into target-shaping engagement with the cup beneath it, said lower support cooperating with said table to resist the thrust of said plunger, and means interconnecting said upper and lower supports radially outward of the periphery of said table.

2,064,625
MOTOR DRIVEN COLOR SCREEN
Alexander I. Newman, Chicago, Ill., assignor to Precision Scientific Company, Chicago, Ill., a corporation of Illinois
Application September 8, 1933, Serial No. 688,547
1 Claim. (Cl. 240—3.1)



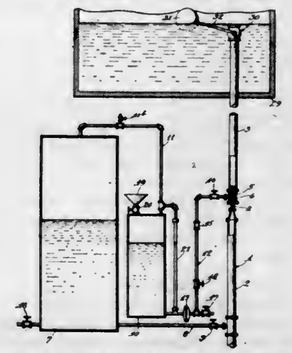
The combination with a plurality of color screens each having a plurality of translucent sections of different colors, of illuminating means for each screen, and a plurality of separate "telechron" motors connected in the same alternating current electrical system and each connected to rotate one of said screens, whereby said screens are rotated at synchronous speeds and said illuminating means are caused to project light beams through sections of the same color in different screens for equal synchronous periods of time.

2,064,626
CONTROLLER
Harold S. Ogden, Erie, Pa., assignor to General Electric Company, a corporation of New York
Application January 2, 1936, Serial No. 57,094
12 Claims. (Cl. 200—7)



1. A controller comprising a main control member, an operating handle, means mounting said handle for movement in a predetermined plane to a plurality of selected positions, means responsive to movement of said handle to said selected positions for operating said main control member, said mounting means also providing for movement of said handle in another plane, auxiliary control means, means responsive to movement of said handle in said other plane at any of said selected positions for operating said auxiliary control means from an initial position to another position, and means responsive to movement of said handle in said predetermined plane for returning said auxiliary control means to said initial position.

2,064,627
LIQUID FEEDER
Louis B. Paine, Big Spring, Tex., assignor to National Aluminate Corporation, Chicago, Ill., a corporation of Delaware
Application February 2, 1934, Serial No. 709,483
4 Claims. (Cl. 210—31)



1. In an automatic solution-feeding device of the character described, the combination with a water main carrying water under pressure and having a restricted portion in said main forming an extension in the direction of flow, said main

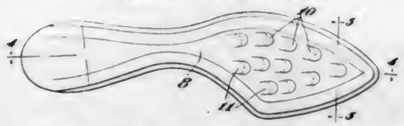
forming a suction chamber below the end of said extension and providing a reduced pressure intake, a solution reservoir positioned below said intake and connected thereto by a restricted passage, a check valve in said passage to prevent flow to said reservoir, an air reservoir communicating with the upper end of said solution reservoir, the lower end of said air reservoir also communicating with said main at a high pressure point remote from said suction chamber, the ratio of the volume of said air reservoir to said solution reservoir being approximately 5 to 1.

2,064,628
HINGE CONSTRUCTION
Harry Raflovich, Detroit, Mich.
Application May 24, 1935, Serial No. 23,139
1 Claim. (Cl. 4—240)



In toilet seat construction including a bowl and a molded composition seat having a rearwardly extending rectangular portion, a metallic pintle member molded into said portion and projecting from the vertical side faces thereof, cooperating hinge members secured to the bowl and comprising pintle receiving body portions each having a laterally extending portion underlying the seat when the parts are in operative relation, said underlying portion being of sufficient height to act as a stop for the upper corner of said seat when the latter is in raised position, the lower corner being cut away to clear said underlying portion during relative movement.

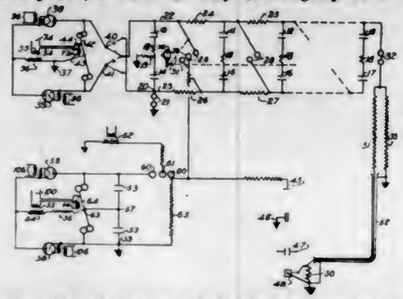
2,064,629
SHOE AND INSOLE THEREFOR
Christy Reggie, Queens Village, N. Y., assignor to J. M. Connell Shoe Co., South Braintree, Mass., a corporation of Massachusetts
Application September 15, 1934, Serial No. 744,102
3 Claims. (Cl. 36—43)



1. A shoe of the class described, comprising an insole and an outsole superposed thereon and attached thereto, the insole having a plurality of narrow substantially U-shaped slits spaced longitudinally and transversely of each other in staggered relation and extending through the insole, and a plurality of movable tabs bordered by the respective slits and projecting toward the front of the insole, the free forward ends of the tabs normally engaging the adjacent portions of the insole body when the sole is flat but being displaced relative to said body when the shoe is flexed, thereby to provide apertures for the circulation of air through said slits when the shoe is in use.

2,064,630
IMPULSE GENERATOR
Harold L. Rorden, Barberton, Ohio, assignor to The Ohio Brass Company, Mansfield, Ohio, a corporation of New Jersey
Application August 7, 1935, Serial No. 35,136
22 Claims. (Cl. 171—97)

3. The combination with an impulse generator of the type having a plurality of groups of capacitor units, means for charging said groups of units in parallel and a series discharge circuit for said units having a starting gap and a starting electrode spaced between the terminals of said gap for precipitating discharge of said units, of means including a ground connection between the units of one of said groups for insuring discharge of said starting gap, irrespective of the polarity of the charge of said groups of units, when a negative charge of proper amount is imposed upon said starting electrode, an impedance in said ground connection and an arcing gap to ground between the endmost terminal of said series of condensers and ground for shifting the ground connection when series discharge takes place, a cathode ray oscillograph for de-



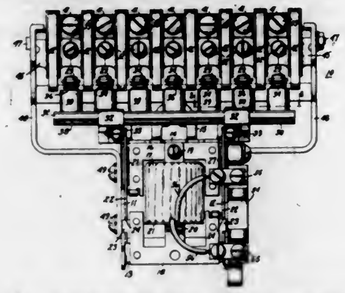
tecting the character of discharge impulse from said generator, the cathode of said oscillograph being connected with said charging electrode for precipitating discharge of said generator simultaneously with the charging of said cathode, a pair of capacitor units for charging said cathode, means including a starting gap and a starting electrode for impressing the negative potential of said oscillograph charging capacitors upon the cathode of said oscillograph, means for charging said oscillograph capacitors, and a timing switch for controlling the time and sequence of operations of the charging means for said various capacitors and the operation of the starting electrode for the starting gap for said oscillograph.

2,064,631
CONTACTOR
Richard H. Schmitt, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application March 21, 1935, Serial No. 12,202
8 Claims. (Cl. 200—87)



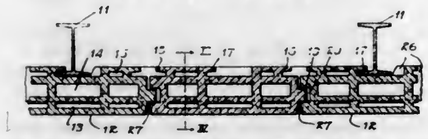
1. An electric switch comprising a member movable between two positions, means for actuating said member to one of said positions, means including a spring arranged with an end thereof engaging said member for normally biasing said member to the other of said two positions, means including a retaining bar spaced from said member for confining said spring and an adjusting member interposed between said bar and said spring, said adjusting member having a plurality of portions of different thickness arranged selectively to engage said bar for varying the confinement of said spring to adjust the bias on said member.

2,064,632
ELECTROMAGNETIC SWITCH
Richard H. Schmitt, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application September 26, 1935, Serial No. 42,267
19 Claims. (Cl. 200—104)



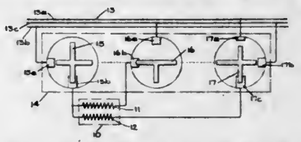
17. An electromagnetic switch comprising a frame having a pair of spaced apart plates, a pair of elongate movable members each of which is arranged adjacent one of said plates, guide means associated with each plate and each movable member for supporting and guiding said members for longitudinal movement relative to said plates, means for moving said members longitudinally including a stationary magnetic member mounted on said frame between said plates and a movable magnetic member supported on adjacent ends of said elongate members in cooperating relation with said stationary magnetic member, an operating bar, means for supporting said operating bar on the adjacent ends of said elongate members opposite from said movable magnetic member, a plurality of switch means spaced along said operating bar for operation thereby between open and closed circuit positions when said elongate members are moved longitudinally, a pair of supporting arms extending from said frame, and a plurality of symmetrical insulating barriers supported by said arms in face-to-face relation with each other, each of said barriers having similar outwardly projecting portions on opposite faces thereof arranged to engage similar projecting portion on the next adjacent barriers to form therebetween inidvidual arcing chambers for each of said switch means.

2,064,633
BUILDING STRUCTURE
Charles A. Searing, Pittsburgh, Pa.
Application July 5, 1935, Serial No. 29,770
6 Claims. (Cl. 72—41)



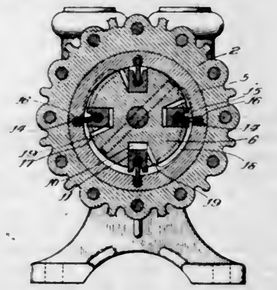
1. A building structure comprising frame members having vertically arranged flanges, and tiles having flanges on their rear sides, at points adjacent to their ends and at intermediate points, the abutting ends of adjacent tiles having offsets which have interfitting engagement with one another, and certain of the tiles having their intermediate flanges in hooked engagement with the frame flanges and other tiles having their end flanges hooked to the said frame flanges.

2,064,634
ELECTRICAL HEATING SYSTEM
John C. Sharp, Oak Park, Ill., assignor to Edison General Electric Appliance Company, Chicago, Ill., a corporation of New York
Application October 23, 1934, Serial No. 749,544
3 Claims. (Cl. 219—20)



2. An electric heating system for a hot plate of an electric range and the like comprising an electrical supply source having a relatively high and a relatively low voltage, a single heat generating element for said hot plate comprising a pair of resistance elements, each having but two terminals and one having a rating to take a predetermined wattage input when its two terminals are connected to said high voltage source and the other having a rating to take a predetermined wattage input when its terminals are connected to said low voltage, a single multiposition switch controlling said heat generating element arranged in one position to connect simultaneously the two terminals of said first resistance element to said supply source so that said high voltage is supplied to it and the two of said second resistance element to said supply source so that said low voltage is supplied to it, whereby said predetermined wattage inputs of said elements are combined to provide a high heat for said hot plate, in another position to connect the two terminals of each resistance to said supply source so that said low voltage is applied to both of them simultaneously to provide a medium heat for said hot plate, and in still another position to connect only the two terminals of said first resistance element to said supply source so that said low voltage is supplied to it to provide a low heat for said hot plate.

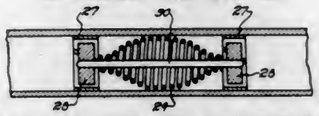
2,064,635
ROTARY TYPE PUMP
Benjamin B. Stern, Chicago, Ill.
Application January 13, 1936, Serial No. 58,788
4 Claims. (Cl. 103—121)



1. In a rotary pump of the type comprising a stationary cylinder having inlet and outlet ports spaced apart angularly of the cylinder, and a rotor mounted eccentrically in the said cylinder and having peripheral vanes: an auxiliary cylinder in the form of a sleeve fitting and rotatable in the stationary cylinder and contacting with the periphery of the rotor at a point between said ports, the rotor having peripheral radial slots,

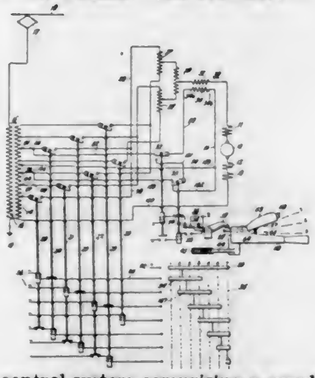
slides in said slots, and vanes each hinged at its inner end to one of said slides and at its outer end to the auxiliary cylinder.

2,064,636
VIBRATION DAMPER
John J. Taylor, Wadsworth, Ohio, assignor to The Ohio Brass Company, Mansfield, Ohio, a corporation of New Jersey
Original application May 2, 1934, Serial No. 713,659. Divided and this application December 17, 1935, Serial No. 54,861
11 Claims. (Cl. 173—13)



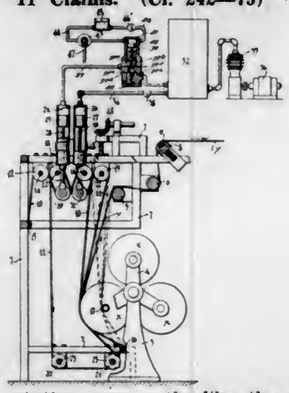
1. The combination with an electrical conductor, of impact means carried by said conductor and operated by vibrations thereof for damping out said vibrations, said impact means comprising a weight, a spring supporting said weight on said conductor in poised, spaced relation thereto, said weight and conductor having normally spaced contact faces arranged to strike each other to produce an impact when said weight and conductor are relatively moved by vibration of said conductor.

2,064,637
CONTROL SYSTEM AND APPARATUS
John F. Tritle, Erie, Pa., assignor to General Electric Company, a corporation of New York
Application August 30, 1935, Serial No. 38,573
10 Claims. (Cl. 172—179)



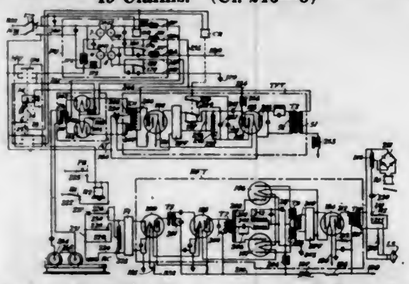
1. A control system comprising a supply transformer having a plurality of voltage taps, preventive coils, means for sequentially connecting said preventive coils to said voltage taps to in- of said coils, a motor connected in series circuit relation with said transformer and said coils, an auxiliary transformer having a secondary winding permanently connected in said series circuit between said preventive coils and said motor, a primary winding for said auxiliary transformer, means for selectively connecting one terminal of said primary winding to one or the other of a pair of said voltage taps, means permanently connecting the other terminal of said primary winding to a voltage tap intermediate to said pair of taps, whereby said secondary winding is energized selectively to buck or boost the voltage supplied to said motor through said preventive coils, said connecting means also being operable to connect said one terminal of said primary winding to said intermediate tap to short-circuit said auxiliary transformer.

2,064,638
WEB TENSIONING MECHANISM
George H. Wheldon, Joseph E. Murphy, and Herbert A. Lotz, Minneapolis, Minn.
Application March 30, 1935, Serial No. 13,924
11 Claims. (Cl. 242—75)



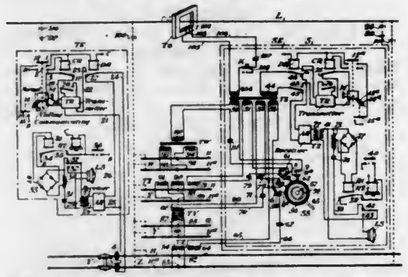
7. In a printing press or the like, the combination with a support for a running web roll to be controlled, of a tension control device for the web including a plurality of independent braking members, operative directly on the roll, and automatic means for releasing at least one but not all of the braking members to reduce the tension on the web when the press is stopped or running at a speed below normal.

2,064,639
COMMUNICATING SYSTEM
Leland D. Whitelock, Wilkinsburg, Paul N. Bossart, Swissvale, Willard P. Place, Wilkinsburg, and Andrew J. Sorensen, Edgewood, Pa., assignors to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application June 9, 1934, Serial No. 729,806
49 Claims. (Cl. 246—8)



1. A communicating system including; telephone equipment at each of two locations and each comprising a sending apparatus for transmitting a carrier telephone current or a carrier calling current, and a receiving apparatus for receiving such carrier current, said receiving apparatus having a selective calling condition and a telephoning condition; a circuit extending between said locations; a controller at each location having a first, a second and a third position; means effective in the first position of the controller to render the sending apparatus inactive and to connect the receiving apparatus to said circuit in its selective calling condition, means effective in the second position of said controller for rendering the sending apparatus active to transmit a telephone current and to selectively connect either the sending or the receiving apparatus with the circuit, means effective in the third position of the controller to connect the sending apparatus with the circuit in an active condition to supply the calling current, and manually operated means to govern said controller.

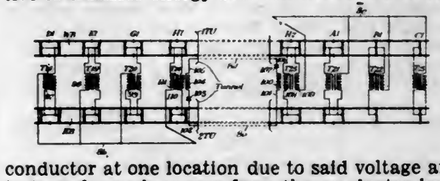
2,064,640
RAILWAY COMMUNICATING SYSTEM
Paul N. Bossart, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application November 4, 1933, Serial No. 696,663
28 Claims. (Cl. 246—8)



1. A railway communicating system including a stretch of railway track, a wayside station; communicating equipment at said station including a transmitter, a receiver and a circuit adapted to be connected to either the transmitter or receiver; an insulated rail joint disposed in each of the traffic rails of the track, a transformer having connections with the two rails of the track in parallel on both sides of said joints, a winding for said transformer connected with said circuit to supply alternating current to the rails in multiple when the transmitter is connected with said circuit and to receive current from the rails in multiple when the receiver is connected with said circuit; and a station remote from the first mentioned station including a transmitting device, a receiving device and a circuit adapted to be connected with either of said devices and in inductive relation with said rails in parallel whereby two-way communication between the two stations may be effected through the traffic rails.

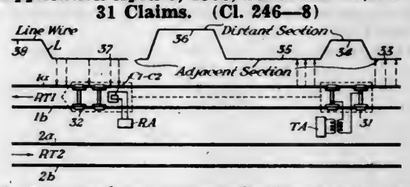
2,064,641
APPARATUS FOR RAILWAY TRAIN COMMUNICATION SYSTEMS
Paul N. Bossart, Cheswick, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application March 17, 1936, Serial No. 69,353
Renewed October 7, 1936
22 Claims. (Cl. 246—8)

1. In combination, a railway track, a train adapted to travel on said track, train-carried means operative to supply communication current to the rails for creating a voltage between the rails and ground, a conductor extending along the track, a plurality of transformers one at each of selected locations along the track, means for each transformer to connect one of its windings between the rails and ground and to connect another one of its windings between the conductor and ground, said transformers operative to transfer energy between the rails and said



conductor at one location due to said voltage and to transfer such energy from the conductor back to the rails at other locations, and receiving means effectively influenced by such energy transferred back to the rails.

2,064,642
RAILWAY TRAIN COMMUNICATION SYSTEM
Paul N. Bossart, Cheswick, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application April 3, 1936, Serial No. 72,605
31 Claims. (Cl. 246—8)

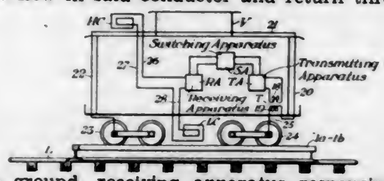


6. In a railway communication system comprising train-carried receiving apparatus including a signaling device responsive to alternating current; a communication channel including the traffic rails of the track occupied by a train, the traffic rails of the tracks adjacent thereto, and line wires parallel therewith; and transmitting apparatus remote from the receiving apparatus including a source of alternating signaling current effective to supply to the channel current which flows separately in each of the several conductors thereof; in combination with the above instrumentalities a train-carried inductor mounted on a vehicle of the train at a height substantially equal to the horizontal distance between the track occupied by the train and an adjacent track, said inductor mounted in a plane to link a horizontal magnetic field transverse to the track for inductively receiving electromotive forces due to the signaling current flowing in the several conductors of the channel which forces are additive in their effects, and circuit means for connecting the inductor with the receiving apparatus for actuating the signaling device in response to the electromotive forces induced in the inductor.

2,064,643
APPARATUS FOR RAILWAY TRAIN COMMUNICATION SYSTEMS
Paul N. Bossart, Cheswick, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application April 21, 1936, Serial No. 75,572
7 Claims. (Cl. 246—8)

1. Apparatus for communication with railway trains comprising, a conductor extending along the railway midway between the track rails, circuit means at each of a plurality of selected locations to connect the conductor with ground, transmitting apparatus mounted on a vehicle

of a train and operative to supply a communication current, a sending circuit associated with said apparatus and effectively coupled with the track rails and with said conductor to cause communication current to flow in the rails in multiple and return through the ground and to also flow in said conductor and return through

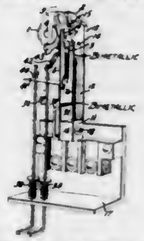


the ground, receiving apparatus responsive to the communication current, and a receiving circuit associated with the receiving apparatus and including a first inductor disposed for inductive relation with the track rails and a second inductor disposed for inductive relation with said conductor.

2,064,644
CONTROL DEVICE

John L. Woodworth, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application May 28, 1935, Serial No. 23,847
14 Claims. (Cl. 200—122)



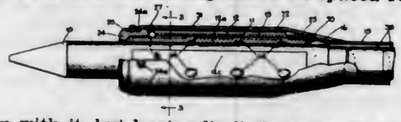
1. In combination, a resilient thermostatic element having a free end, a control member wholly supported on the free end of said thermostatic element and arranged to pivot about said free end between two positions, a second thermostatic element arranged for different degrees of movement dependent upon the duration of application of heat thereto, said first and second thermostatic members being arranged to move together in response to ambient temperature changes, means for applying heat to said second thermostatic element to cause relative movement between said thermostatic elements, means whereby in response to a certain degree of movement of said second thermostatic element said control member is actuated from one position to the other, and in response to a greater degree of movement of said second thermostatic element said member is actuated from said other position to the first position, and manually controlled means normally released from but arranged to be connected respectively to said resilient member and said control member thereby to move said control member between said two positions.

2,064,645
ELECTRIC SOLDERING IRON

Charles C. Abbott, Pittsfield, Mass., assignor to General Electric Company, a corporation of New York

Application November 19, 1932, Serial No. 643,388
13 Claims. (Cl. 219—26)

1. A soldering iron comprising a soldering tip, a heating unit arranged axially of said tip, a metallic sleeve formed of a material having a relatively high heat conductivity surrounding portions of said heating element and said soldering tip so as to unite said members in thermal relation, a second sleeve formed of a metal having a relatively low heat conductivity surrounding said heat conducting sleeve in spaced rela-

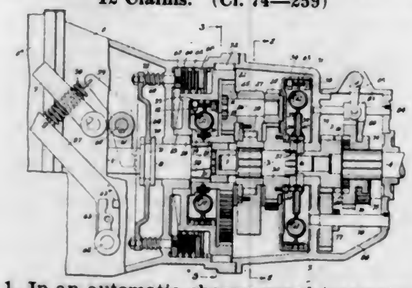


tion with it, but having limited mechanical contact therewith to support said heat conducting sleeve, heating element and tip, a handle secured to said second sleeve and a sleeve surrounding said second sleeve in spaced relation with it and having an inner highly polished heat reflecting surface facing said second sleeve.

2,064,646
AUTOMATIC CHANGE SPEED TRANSMISSION GEARING

Gerhard H. J. Baule, Syracuse, N. Y., assignor of one-half to Grace I. Haley, Syracuse, N. Y.

Application July 19, 1933, Serial No. 681,155
12 Claims. (Cl. 74—259)



1. In an automatic change speed transmission gearing, the combination of driving and driven elements, and planetary change speed gearing between said elements including sun gears, one for the driving element and one for the driven, the sun gear for the driving element having a limited rotative movement relative thereto and spring means for resisting said movement, an internal gear, a planetary gear carrier, planet gears carried thereby, one meshing with one sun gear, and the annular gear, and the other meshing with the other sun gear, means for holding the annular gear from retrograde rotation, a normally engaged clutch between the driving element and the annular gear, and means operable by the relative movement of the sun gear connected to the driving element for releasing the clutch when the torque of the driving and driven element reaches a predetermined value, thereby effecting relative planetary movement of the planet gears for transmitting the movement of the drive element to the driven element through the planet gears.

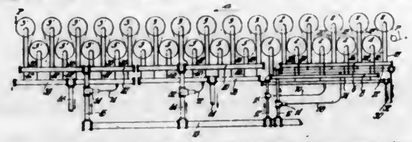
2,064,647
PAPER MANUFACTURE

George S. Carroll, Chicopee, Mass.

Application January 11, 1936, Serial No. 58,724
3 Claims. (Cl. 34—24)

2. The method of drying paper which consists in, leading a web of paper into the leading in end of a dryer including spaced upper and lower rows of hollow drying cylinders so that said web

has its opposite sides contacted alternately with cylinders of the upper and lower rows of cylinders, maintaining a certain number of the cylinders of one row at substantially one certain temperature and adjacent cylinders of the other

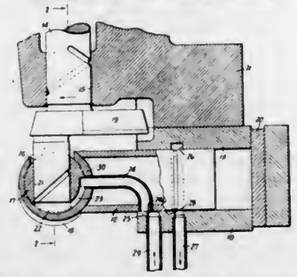


row at substantially a different temperature, whereby one side of the web contacts cylinders of one temperature and the other side of said web contacts cylinders of a different temperature.

2,064,648
PUMP OR COMPRESSOR

Kenneth J. R. Cocke, Rugby, England, assignor to General Electric Company, a corporation of New York

Application September 3, 1935, Serial No. 39,076
In Great Britain September 14, 1934
11 Claims. (Cl. 230—206)

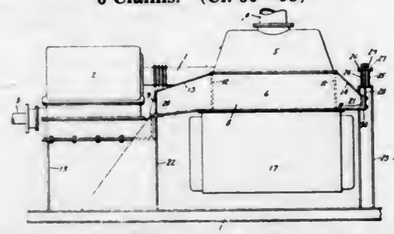


1. A fluid compressor including in combination a cylinder block having a cylinder therein, mechanism for compressing gaseous fluid in said cylinder, mechanism including a driving shaft having a pin rigidly mounted thereon for driving said compressing mechanism, and mechanism utilizing said pin as a displacement member for pumping fluid.

2,064,649
ELASTIC FLUID TURBINE

John H. Doran, Scotia, N. Y., assignor to General Electric Company, a corporation of New York

Application February 12, 1935, Serial No. 6,198
6 Claims. (Cl. 60—95)

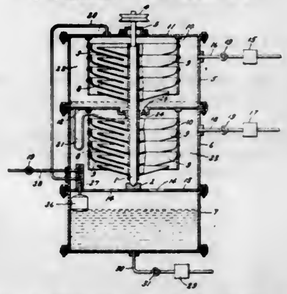


1. The combination of a turbine having a box-shaped welded exhaust casing with axial extensions, means for yieldably supporting the axial extensions to permit expansion and contraction of the casing comprising a plate running crosswise to the turbine shaft and having a portion fastened to one of the extensions, and means for rigidly supporting another portion of the plate, said exhaust casing forming a support for the entire turbine and a condenser fastened to the exhaust casing.

2,064,650
APPARATUS FOR DEGASIFYING LIQUIDS

Luigi Emanueli, Milan, Italy, assignor to Società Italiana Pirelli, a corporation of Italy

Application October 23, 1934, Serial No. 749,537
In Italy April 18, 1934
3 Claims. (Cl. 183—2.5)



2. In an apparatus for degasifying liquids, the combination of a vertically disposed vessel, a horizontal partition dividing the vessel into two chambers to form stages which operate at different sub-atmospheric pressures, a vertical shaft extending through the partition, bearings therefor, a set of conical rotors located in each chamber and mounted on the shaft and rotated thereby, a set of stationary conical elements located in each of the chambers and extending between pairs of the conical rotors for receiving liquid discharged by centrifugal force from one rotor and conveying it to an adjacent rotor, an annular support common to the stationary elements of each stage located within the chamber thereof and restricting the outward movement of the liquid discharged by the rotors, a vacuum pump connected to one of the chambers for maintaining a determined sub-atmospheric pressure therein, a second pump connected to the other of the chambers for maintaining a determined pressure therein which is lower than that in the first chamber, a conduit of U-shape to form a trap which receives partially degasified liquid from the first chamber and discharging it on to the upper of the conical rotors located within the second chamber, an hydraulic sealing means comprising a collar with an opening through which the shaft loosely extends and which freely rests on the partition to permit of sidewise movement for preventing free passage of liquid around the shaft from the upper to the lower chamber, and conduit means for supplying raw liquid to the rotor of the first chamber.

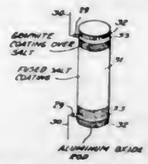
2,064,651
HUMIDITY RESPONSIVE DEVICE

Marcus E. Fiene, Ballston Lake, N. Y., assignor to General Electric Company, a corporation of New York

Application December 30, 1931, Serial No. 583,818
7 Claims. (Cl. 177—311)

1. A humidity indicator including a source of electrical energy, a resistance element supplied thereby, and indicating means responsive to variations in the resistance of said element, said resistance element comprising a base of impervious material and a film of hygroscopic material coated thereon, said material containing a sub-

stance of the group consisting of potassium nitrite, sodium nitrite, lithium chloride, potassium



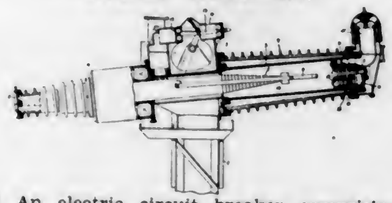
acetate, chromium trioxide and sodium dichromate.

2,064,652

LIQUID IMMERSED ELECTRIC CIRCUIT BREAKER

Cedric H. Flurscheim, Fleet, England, assignor to General Electric Company, a corporation of New York

Application November 12, 1935, Serial No. 49,433
In Great Britain December 6, 1934
4 Claims. (Cl. 200—150)



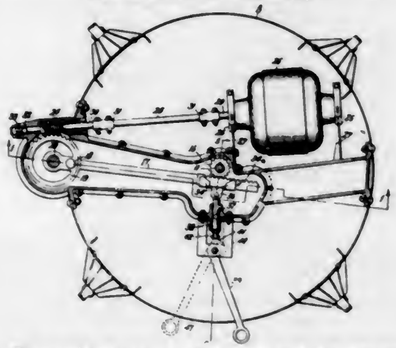
1. An electric circuit breaker comprising a casing containing an arc-extinguishing liquid, relatively movable contacts separable in said liquid, cross blast baffle structure through which the arc formed between said contacts is drawn, and means for applying pressure to said liquid in accordance with the circuit opening operation, said baffle structure forming liquid blast passages arranged transversely of said arc so that upon initial separation of the contacts a liquid blast created by the arc pressure is directed across the arc through some of said passages and subsequently upon further separation of the contacts a liquid blast created by the aforesaid pressure applying means is directed across the arc through other of said passages.

2,064,653

DRIVING MECHANISM FOR WASHING MACHINES AND THE LIKE

Edward W. Forstrom, Stratford, Conn., assignor to General Electric Company, a corporation of New York

Application February 25, 1936, Serial No. 65,597
19 Claims. (Cl. 74—78)



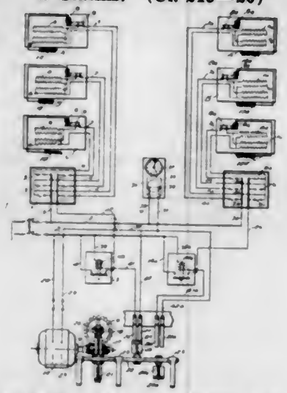
1. In combination, a rack, a crank for reciprocating the rack, a guide for guiding the reciprocating movement of the rack, and friction means carried by the rack and bearing on a stationary surface for opposing the rotation of the crank end of the rack.

2,064,654

ELECTRIC HEATING SYSTEM

James E. Gannon, Erie, Pa., assignor to American Electric Heating Company, Erie, Pa., a corporation of Pennsylvania

Application May 5, 1931, Serial No. 535,149
2 Claims. (Cl. 219—20)



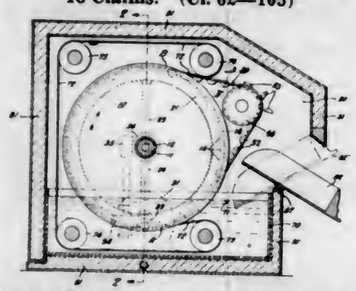
1. In an electric heating system, the combination of a source of current; a plurality of heating units; thermally controlled unit switches one for each unit controlling the current delivery to the individual units; a normally continuously operating motor controlled switch controlling the delivery of current to the units successively; a master switch controlling the motor and the units collectively and a thermally responsive switch opening and closing the master switch.

2,064,655

CONTINUOUS FREEZING DEVICE

Harvey D. Geyer, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application December 5, 1931, Serial No. 579,131
18 Claims. (Cl. 62—105)



1. An ice-freezing device comprising: an endless flexible belt having container pockets carried thereupon, a refrigerated drum and an ejecting drum upon which said endless belt is mounted, means for filling said pockets with liquid to be frozen, means for chilling said refrigerated drum below freezing temperature, and

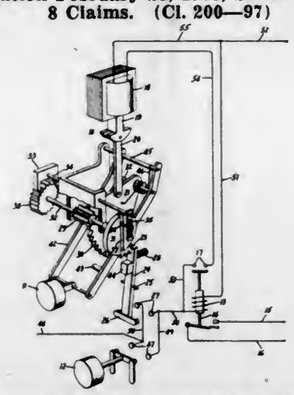
means for moving said belt around said drums whereby the frozen contents in said pockets are loosened as said pockets pass around said ejecting drum.

2,064,656

ELECTRORESPONSIVE DEVICE

Robert W. Goff, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application February 28, 1935, Serial No. 8,652
8 Claims. (Cl. 200—97)



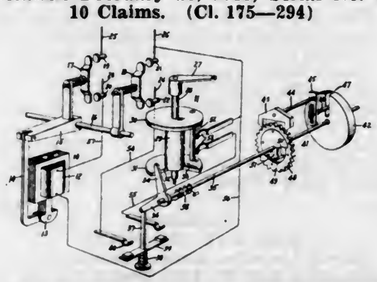
2. A control device comprising a movable switch member, means including a segmental gear for controlling said switch member, a movable pivot for said gear, electro-responsive means for effecting rotation of said segmental gear about said pivot in response to variations in the energization of said means, time delay means including a toothed element meshing with said segmental gear for retarding the rotation of said gear in a direction to operate said switch to one position, whereby said switch member is operated to said one position a predetermined time after a variation in the energization of said electro-responsive means, and means for moving said floating pivot to disengage said segmental gear from said time delay means and for simultaneously varying the energization of said electroresponsive means to effect movement of said segmental gear, whereby said switch member is operated to said one position substantially instantaneously.

2,064,657

CONTROL DEVICE

Robert W. Goff, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application February 28, 1935, Serial No. 8,653
10 Claims. (Cl. 175—294)



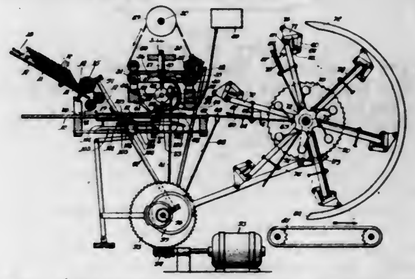
1. In combination, a control member movable between a plurality of positions, means responsive to movement of said control member to one position for partially completing an electric circuit, means responsive to movement of said control member to a second position for completing said partially complete circuit, said first-mentioned means being normally biased to open circuit position and being released for movement in accordance with its bias when said control member is moved from said one position to said second position, and time delay means for preventing said first-mentioned means from moving to said open circuit position for a predetermined time after said control member is moved from said one position.

2,064,658

MACHINE FOR SEALING FOLDERS

Wallace W. Grieb, Downers Grove, and Eaross J. Simon, Chicago, Ill., assignors to Henry C. Scholz, West Pullman, Ill.

Application December 18, 1933, Serial No. 702,862
4 Claims. (Cl. 216—25)



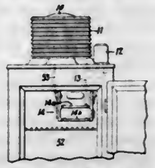
2. In a folder sealing machine, a die for cutting a gummed seal, a carrier having a sharp point on which the cut seal is impaled, and guides between which the seal is moved by the carrier in a flat condition from the die to a point near the point of application.

2,064,659

EVAPORATOR FOR REFRIGERATING MACHINES

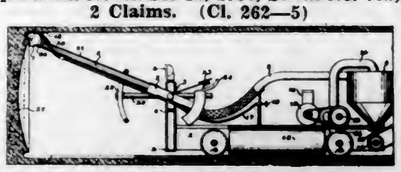
Frank T. Grothouse, Fort Wayne, Ind., assignor to General Electric Company, a corporation of New York

Application February 2, 1935, Serial No. 4,653
16 Claims. (Cl. 62—126)



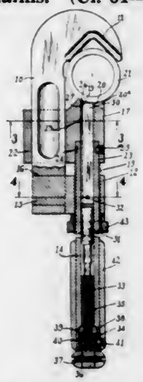
1. An evaporator of the flooded type for refrigerating machines comprising a plurality of headers, means including pressure equalizing passages for connecting said headers in series above the normal liquid levels therein, means including liquid refrigerant equalizing passages for connecting said headers in series below the normal liquid levels therein, means including a refrigerant circulatory passage communicating with one of said headers at one end and with another of said headers at its other end for containing liquid refrigerant, and means communicating with said circulatory passage remote from said headers for producing a recirculation of liquid refrigerant from said headers and through said circulatory passage.

2,064,660
APPARATUS FOR EXTRACTING MATERIALS
William H. Haas, St. Paul, Minn.
Application November 12, 1934, Serial No. 752,650
2 Claims. (Cl. 262—5)



1. Means for extracting and removing material of the class described, comprising in combination with an air suction nozzle and associated means for delivering a blast of compressed air adjacent the mouth of said nozzle, a pivotal support for said nozzle, means permitting the swinging of said nozzle in a universal plane upon said support, and a counter-weight for said nozzle extending rearwardly from said pivotal support.

2,064,661
PIPE CUTTER
Grant Hammond, Hamden, Conn., assignor to The Barnes Tool Company, New Haven, Conn., a corporation of Connecticut
Application April 23, 1935, Serial No. 17,803
2 Claims. (Cl. 81—192)



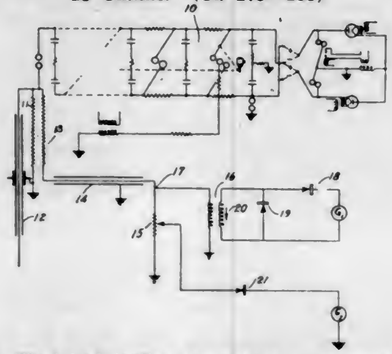
1. A pipe cutter comprising a stock having a jaw member upon one end thereof and being apertured adjacent its other end, an internally threaded bracket having a lug extending therefrom and into said aperture, a second jaw member slidably mounted upon the stock between its ends, said second jaw member being hollow, a hollow handle member threadedly engaged with said bracket and rotatably secured to the hollow jaw member whereby the bracket, the stock, and the second jaw member are maintained in assembled relation, a blade-like cutter mounted within the hollow jaw member for sliding movement therein, a rod secured in the handle member and connected to the cutter, and means for advancing and retracting said rod.

2,064,662
X-RAY DEVICE
Walter Hofmann, Rudolstadt in Thuringia, Germany, assignor to General Electric Company, a corporation of New York
Application February 16, 1929, Serial No. 340,536
In Germany February 24, 1928
3 Claims. (Cl. 250—35)

1. An X-ray device comprising an evacuated envelope which contains an electron-emitting cathode and comprising an anode, means for focusing a discharge upon a spot of restricted area on the anode, means, in addition to the focusing means, and forming a part of the envelope for restraining the discharge from impinging on the anode other than on the said spot of restricted area whereby secondary radiation is precluded, said discharge restraining means comprising a hollow cylinder terminating at one end in the anode and at the end nearer the cathode in a metal plate provided with a relatively small opening for the discharge.



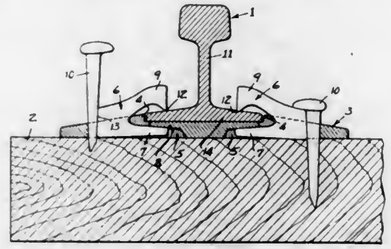
2,064,663
ELECTRICAL TESTING
Walter S. Jennens, Barberton, Ohio, assignor to The Ohio Brass Company, Mansfield, Ohio, a corporation of New Jersey
Application January 3, 1936, Serial No. 57,342
13 Claims. (Cl. 175—183)



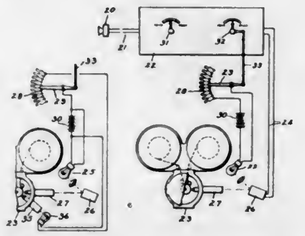
1. Electrical testing apparatus comprising an impulse generator, a potentiometer connected with said impulse generator for receiving and dividing the voltage impulse generated thereby, means for measuring the quantity of electricity passing through said potentiometer during the duration of an impulse impressed thereon, and means for measuring the crest value of said impulse voltage to provide data for the computation of the time of duration of said impulse.

2,064,664
RAILWAY TIE-PLATE
Harold Llewellyn Keen, Oneonta, N. Y.
Application July 27, 1934, Serial No. 737,224
4 Claims. (Cl. 238—334)

1. Apparatus for fastening railroad rails to their supporting ties comprising, in combination, a substantially flat plate adapted to rest on such tie and provided with two longitudinally aligned slots therethrough extending in a direction substantially parallel to such tie and spaced apart a sufficient distance to extend on either side of the flange of a railroad rail of standard cross-section, resting on said plate, together with two bifurcated dogs of metal adapted to fit one in each of said slots with its upper jaw establishing substantially line contact with the top surface of such rail-flange along a line parallel to the edge of the rail-flange and its lower jaw extending under and in surface contact with the under surface of said plate, said jaws being so proportioned with reference to said slots and the thicknesses of the said plate and rail flange that when they are placed in said slots and pushed toward said rail far enough to have their said jaws initially engage said flange and plate there will be an open space left at the outer end of each such slot large enough to receive the lower end of a wedge-shaped spike inserted therein from above; whereby, when the parts are so assembled and such spikes are driven down far enough into the tie to fasten said plate thereto, said dogs will be thereby wedged into closer engagement with the rail-flange and with said plate, thereby firmly clamping the two together, and also fastening both to the tie.

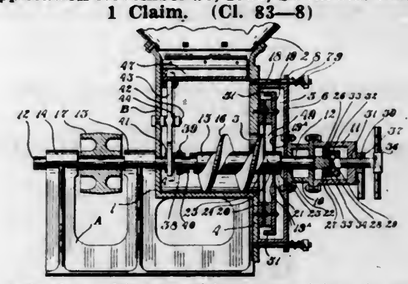


2,064,665
PHOTOGRAPHIC SOUND RECORDING
Edward W. Kellogg, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application November 26, 1929, Serial No. 409,954
21 Claims. (Cl. 179—100.3)



1. In photographic sound recording, the method which comprises exposing a light sensitive member to a light beam varied in accordance with the sound waves being recorded, varying the intensity of the light of said beam in accordance with the volume of the sound extending over a plurality of successive waves and varying the relation between the amplitude of the recorded waves and said volume.

2,064,666
CRUSHING MACHINE
Adolph Krushel, Morden, Manitoba, Canada
Application November 28, 1934, Serial No. 755,211
1 Claim. (Cl. 83—8)



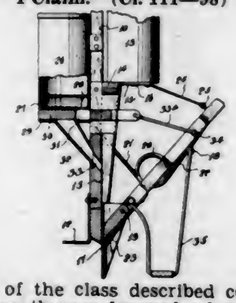
A feed crushing machine comprising, in combination, a supporting trestle, a body portion mounted thereupon, a hopper mounted above said body portion, a crushing chamber attached to the forward side of said body portion and said supporting trestle, bearings at the apex of said trestle, a main shaft mounted upon said bearings and extending through said body portion and through said crushing chamber, a shaft housing mounted upon the forward side of said crushing chamber, a thrust bearing assembly within said shaft housing, means upon said shaft housing for adjusting the end thrust of said shaft, a pulley mounted upon said shaft between said bearings upon said supporting trestle, a sleeve mounted upon said main shaft, a feed screw extending around said sleeve within said body portion, said sleeve being provided at its forward end with a diametrically disposed rib, a spring mounted upon said shaft to the rear of said feed screw, a stationary annular grinding surface mounted upon the rear wall of said crushing chamber, a rotatable grinding disc, a hub at the centre of said grinding disc, said hub being mounted upon said main shaft and being provided upon its rearward face with a diametrically disposed slot, said rotatable grinding disc having the front and rear faces tapering inwardly towards said hub, horizontally disposed fingers attached upon the peripheral edge of said rotatable grinding disc, an obliquely mounted oscillating sieve within said body portion, a rocker arm attached to said sieve and extending downwardly within said body portion, a stub shaft extending into said body portion, said rocker arm being mounted upon said stub shaft, a bifurcated portion at the lower end of said rocker arm, a cam mounted upon said main shaft engageable with said bifurcated portion, a cover plate for said grinding chamber, bolts extending through said casing and into the forward side of said body portion and into the forward end of said supporting trestle, coiled springs extending around the forward ends of said bolts upon the outer side of said casing, means for maintaining said springs in bearing contact with the forward side of said casing.

2,064,667
PROCESS OF REACTING OLEFINES WITH SULPHURIC ACID
Kenneth B. Lacy, Highland Park, Ill., assignor to Van Schaack Bros. Chemical Works, Inc., Chicago, Ill., a corporation of Illinois
No Drawing. Application April 8, 1931, Serial No. 528,709
6 Claims. (Cl. 260—99.12)

1. The process which comprises reacting a cracked petroleum product with 65 to 87 per cent

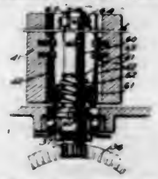
sulphuric acid at a temperature of about 50° C., ageing the resulting acid liquor at a temperature not below atmospheric and not substantially above 60° C., and then reacting the aged liquor with an additional quantity of the cracked petroleum product.

2,064,668
FERTILIZER ATTACHMENT FOR HAND CORN PLANTERS
William J. Langer, Gobles, Mich.
Application January 21, 1936, Serial No. 60,104
1 Claim. (Cl. 111—98)



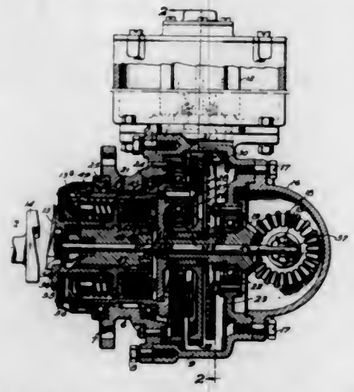
A device of the class described comprising a staff, a hopper thereon for seed, a hopper thereon for fertilizer, a chute of U-shape having its side walls secured to the staff, a valve for the first hopper controlling the supply of seed to the chute, a discharge tube leading from the second hopper at one side of center thereof through the staff to said chute, said second hopper having a bottom inclining to said chute, a valve controlling the discharge from the second mentioned hopper, said valve extending across one side of the chute, a shoe below the chute into which the chute discharges, a lever pivoted to the shoe and normally closing the same, a ground engaging frame carried by the lever, spring means urging the lever to closed position, and connections from the lever to said valves to operate them through operation of the lever, said chute having a divider therein whereby the seed and fertilizer will be dropped without admixture, and a plate carried by the lower end of said lever provided with a vertical portion normally having closing engagement with said shoe.

2,064,669
STARTING MECHANISM
Raymond P. Lansing, Montclair, N. J., assignor to Eclipse Aviation Corporation, East Orange, N. J., a corporation of New Jersey
Application September 5, 1930, Serial No. 479,993
Renewed November 29, 1935
8 Claims. (Cl. 74—572)



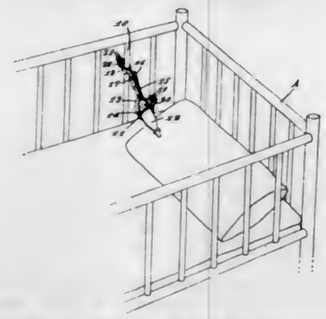
8. The method of utilizing an inertia mass as an engine starting agency, which comprises accelerating the mass and at the same time maintaining its moment of inertia at a constant minimum, then permitting its moment of inertia to increase to a maximum as it begins to deliver its stored energy to the engine to be started.

2,064,670
STARTING MECHANISM
Raymond P. Lansing, Montclair, N. J., assignor to Eclipse Aviation Corporation, East Orange, N. J., a corporation of New Jersey
Original application September 5, 1930, Serial No. 479,993. Divided and this application August 16, 1934, Serial No. 740,177
8 Claims. (Cl. 123—179)



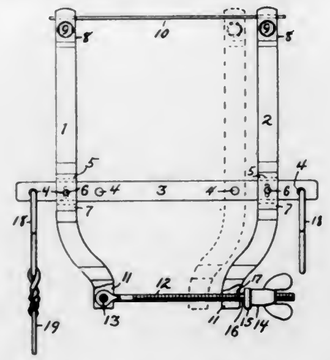
1. In starting apparatus of the class described an inertia mass comprising a plurality of substantially parallel segments, means for rotating said segments about a common axis, said rotating means comprising a shaft whose axis coincides with said first named axis, a second shaft constituting part of the apparatus to be started, means for rotating said first named shaft and thereby developing centrifugal force applicable to said parallel segments to store energy therein for subsequent transfer to said second shaft, and means for maintaining the centers of mass of said parallel segments in fixed angular relationship during operation of said rotating means.

2,064,671
BOTTLE HOLDER
Thomas J. Lockaton, Pittsburgh, Pa.
Application April 18, 1936, Serial No. 75,184
3 Claims. (Cl. 248—103)



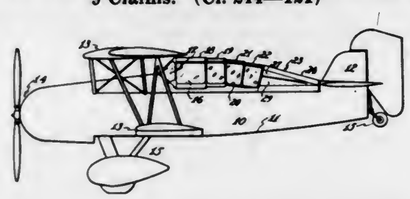
3. A holder of the character described comprising a split ring for embracing a bottle, a yoke pivotally supporting said ring and having a forked arm extension, a rail clamp pivoted in said fork, and clips engageable with the ring and the clamp for holding the same closed.

2,064,672
SURGICAL APPLIANCE
Earl E. Longfellow, Warsaw, Ind., assignor to Harry Herschel Leiter, Warsaw, Ind.
Application October 10, 1935, Serial No. 44,400
2 Claims. (Cl. 128—84)



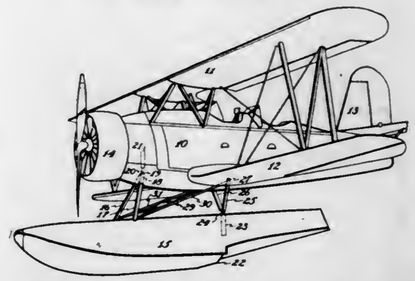
1. A surgical appliance of the class described, consisting of a pair of arms mounted upon a cross-bar, each end portion of which bar has made therein a series of spaced perforations and extends loosely through slots made respectively in said arms, removable anchor pins inserted through said arms and selectively through said perforations thereby to secure said arms in positions more or less spaced apart from each other, clamping means on the upper ends of said arms for securing therebetween a skeletal wire, a tie-rod provided with an adjusting nut, interconnecting said arms at the ends thereof opposite said clamping means and operable to apply tension to the wire secured in said clamping means, and a traction means connected with said cross-bar.

2,064,673
COLLAPSIBLE TURTLEBACK
Guy A. Luburg, Snyder, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation, a corporation of New York
Application December 14, 1934, Serial No. 757,432
9 Claims. (Cl. 244—121)



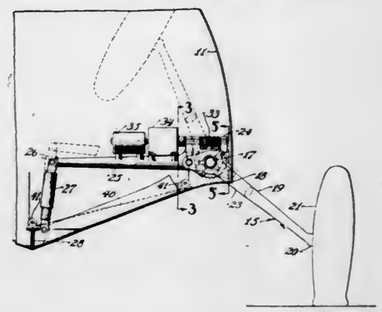
1. In aircraft, a fuselage having a cockpit, a transparent cockpit closure extending above said fuselage and slidable therealong to open and close said cockpit, a fuselage deck hinged at its rearward end to said fuselage, whereby the forward end of said deck is movable to a raised position substantially coplanar with the top of said closure when in a cockpit closing position, and to a position wherein said deck is substantially coextensive with the upper edges of said fuselage, and foldable means between said fuselage edges and the lateral edges of said deck for fairing said deck into said fuselage when said deck is raised.

2,064,674
FLEXIBLE FLOTATION GEAR
Guy A. Luburg, Snyder, Eddie Molloy, Buffalo, and Fredric E. Flader, Kenmore, N. Y., assignors, by mesne assignments, to Curtiss-Wright Corporation, a corporation of New York
Application April 6, 1935, Serial No. 14,966
8 Claims. (Cl. 244—105)



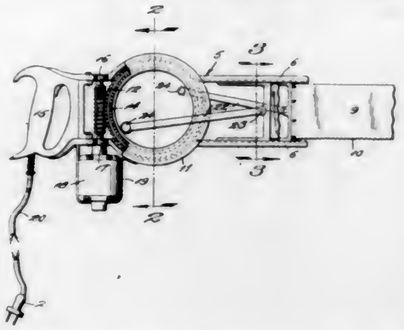
1. In a flexible mounting for a float spaced below an aircraft body, a forwardly located vertically acting shock absorber having a movable portion, adjacent said body, struts jointed to said movable portion and diverging laterally downward, the lower ends of said struts having jointed connections with said float, a second rearwardly located vertically acting shock absorber having a movable portion, adjacent said float, struts jointed to said movable portion and diverging laterally upward, the upper ends of the last said struts having jointed connections with said body, and radius rods extending, one on each side of the plane of symmetry, from the float joint of one said forward strut to the body joint of one said rearward strut.

2,064,675
AMPHIBIAN LANDING GEAR
Guy A. Luburg, Kenmore, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation, a corporation of New York
Application March 10, 1936, Serial No. 68,023
7 Claims. (Cl. 244—101)



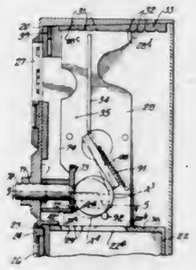
1. In an amphibian landing gear for aircraft, a float for water landing, having a keel and a chine spaced laterally therefrom, a pivot at said chine, a lever extending substantially from the keel plane, through said pivot and outwardly beyond said chine, a shock absorber strut connecting the inner lever end with said keel, a buckling joint in said lever, and means for buckling said lever about said joint for raising the outer end of said lever.

2,064,676
ELECTRIC HAND SAW
Cyrus M. MacLeod, Waverley, Mass.
Application June 4, 1935, Serial No. 24,965
1 Claim. (Cl. 143—68)



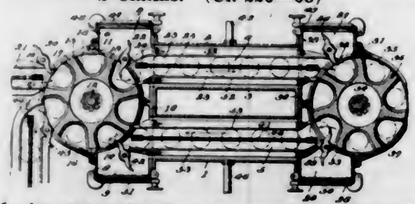
The herein described construction of motor operated saws characterized by an open frame having arm extensions at one end to be fixed to the handle for the saw and carrying a bracket for supporting the drive motor, said frame having a circular portion and parallel ring flanges carried by said circular portion and having annular grooves on their inside faces, a gear wheel between the flanges and having annular grooves co-operating with the flange groove to receive anti-frictional balls, and a pair of spaced parallel grooved guide flanges extending from said circular portion to afford guides for saw-carrying crossheads which have pitmans connected to the opposite faces of the gear wheel, together with a worm on the armature shaft of the motor finding bearings in the mentioned arms of the frame and engaging the teeth of the gear.

2,064,677
COIN CONTROLLED METER
Samuel Lee Miller, Maywood, Ill.
Application June 10, 1936, Serial No. 84,533
In Great Britain February 25, 1935
14 Claims. (Cl. 194—74)



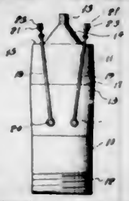
1. A coin-actuated time-controlled device comprising a clock mechanism, a coin-retaining member movable to an operative and an inoperative position under control of the clock mechanism, and a coin-ejecting element adapted to be held in an operative position by a coin supported by the retaining member when the latter is in operative position and to eject the coin when the retaining member is in its inoperative position.

2,064,678
APPARATUS FOR VACUUMIZING AND GASSING CONTAINERS
William H. Morgan, New York, N. Y., assignor to Continental Can Company, Inc., New York, N. Y., a corporation of New York
Application June 27, 1936, Serial No. 87,778
2 Claims. (Cl. 226—68)



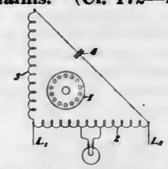
1. An apparatus for vacuumizing and gassing containers comprising a casing, means extending longitudinally of the casing and dividing the same into two independent chambers, means whereby one of said chambers may be placed under vacuum, means whereby the other chamber may be charged with an inert gas, said casing having a valve housing at one end thereof provided with a curved valve seat formed with openings leading to the respective chambers, a single valve cooperating with said valve seat, said valve having a series of independent pockets for conveying containers to and from the respective openings, said casing at the other end thereof being provided with a valve housing having a curved valve seat with openings leading to the respective chambers, a single valve cooperating with said last-named valve seat and having a series of independent pockets for receiving and transferring the containers from one chamber to the other, means for conveying the containers in succession through the vacuum chamber, means for conveying the containers in succession through the gassing chamber, means associated with the valve at the receiving end of the vacuum chamber for transferring cans from the pockets thereof to the conveying means in the vacuum chamber, and means associated with said valve for removing containers from the conveying means in the gassing chamber and for placing the same in the pockets of said valve.

2,064,679
QUICK CHANGE SWEDGE NIPPLE
Calvin James Munroe and Ollie B. Wilhite, Lyons, Kans.
Application February 20, 1936, Serial No. 64,995
3 Claims. (Cl. 285—188)



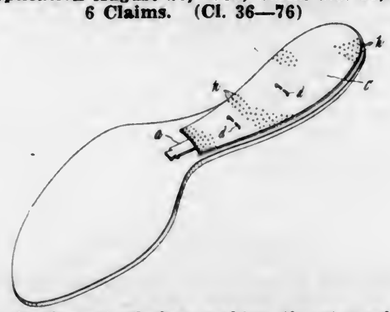
1. A swedge nipple comprising a body section attachable to casing, a cap section seated at the upper end of the body section, bails pivoted to the body section and extending over the cap section, said bails being in upwardly diverging relation, screw members carried by the bails, said cap section having a plane surface engageable by said screw members, and an inverted conical portion extending above and surrounded by said plane surface and terminating in a tube for connection of a hose thereto.

2,064,680
ELECTRIC MOTOR WITH LOW VOLTAGE LIGHTING TAPS
James M. Naul, Fanwood, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application April 23, 1935, Serial No. 17,761
4 Claims. (Cl. 172—275)



1. A single-phase alternating current motor having a slotted stator and a rotor, a main stator winding including connected polar groups of coils, the coils of each group being disposed in different stator slots, said motor being provided with means predetermining the tapping of said main winding for an auxiliary low-voltage circuit bridging turns of only that coil which is arranged symmetrically relative to the magnetic center of a polar group of coils and the span of which is at least as great as that of any other coil of said group.

2,064,681
SHOEMAKING
William H. Nickerson, Newton Center, Mass.
Application August 28, 1935, Serial No. 38,206
6 Claims. (Cl. 36—76)

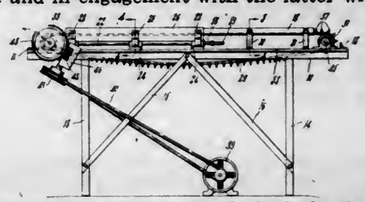


1. In the art of shoe making the step which consists in applying to the outer side of an innersole a composite heel slip and shank stiffener secured together and having prongs protruding from the stiffener away from the heel slip, and embedding and clinching such prongs in the substance of such innersole.

3. A heel slip and shank stiffener combination including staples securing the shank stiffener to the heel slip substantially on the longitudinal median line of the heel slip, the stiffener having prongs adjacent to its opposite ends projecting away from the heel slip, the prong or prongs at the forward end of the stiffener being uncovered by the material of the heel slip.

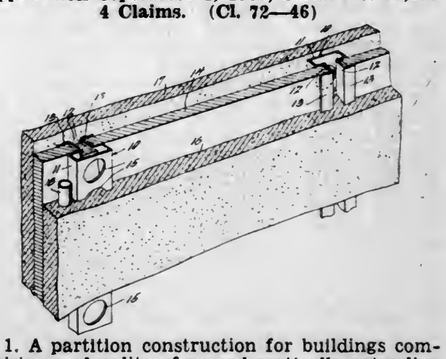
2,064,682
ANNEALING APPARATUS
William H. Nickerson, Newton Center, Mass.
Application September 21, 1935, Serial No. 41,582
3 Claims. (Cl. 263—8)

2. An apparatus for annealing the pronged ends of hardened steel shank stiffeners for shoes comprising a supporting structure including two separated parallel longitudinal members, bed blocks mounted in longitudinal alinement on each of said members, tubes supported on the bed blocks of each member in parallel with one another, baffle plates secured to the bed blocks of each member at respectively opposite sides of the tube supported on the bed blocks of the respective member, the baffle plates extending longitudinally of the tube and being relatively inclined convergently to one another above the tube and in engagement with the latter whereby



to secure the tube on the bed block, the tube being adapted to convey inflammable fluid and having burner outlets directed toward the space between the baffle plates, the inward members of each pair of baffle plates being separated from one another by a distance shorter than the length of the shank stiffener to be treated, and conveyer means organized to propel lengthwise of the machine shank stiffeners supported by the inner baffle plates.

2,064,683
BUILDING CONSTRUCTION
Anders C. Olsen, Garden City, N. Y.
Application September 4, 1935, Serial No. 39,154
4 Claims. (Cl. 72—46)

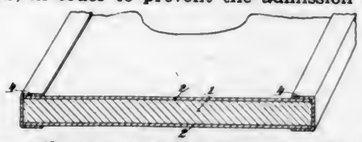


1. A partition construction for buildings comprising a plurality of spaced vertically extending metallic studs and plaster board panels alternating therewith, each of the metallic studs having slots formed in opposite sides for the reception of the edges of the adjacent panels and being also provided with a cavity for the reception of portions of a plaster coating, and an aperture of less width than the cavity for the passage of plaster into the cavity from outside, whereby such coating may be tied to the studs.

2,064,684
METHOD OF WELDING
Peter Ostendorf, Modling, near Vienna, Austria
Application November 1, 1934, Serial No. 751,085
In Austria November 2, 1933
5 Claims. (Cl. 78—93)

1. Method of plating sheet metal, and the like with a plating sheet of metal which comprises covering said plating sheet with a heat insulating and heat accumulating protecting cover, and

enclosing only the borders of the basic material and of the plating sheet as well as of the protecting cover in a tight, well fitting, but separable frame, in order to prevent the admission of air



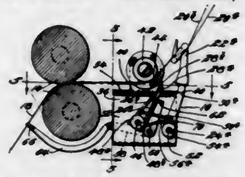
between the layers of the piece of work, subsequently heating and rolling the piece of work to secure a weld between the basic material and the plating sheet.

2,064,685

STRAND TENSIONING, SLACK COMPENSATING, SELECTIVE TRAPPING, AND CUTTING DEVICE

Henry Owens, Edgewood, R. I., assignor to Henry Owens & Company, Inc., Providence, R. I., a corporation of Rhode Island

Application June 17, 1935, Serial No. 26,944
30 Claims. (Cl. 117—32)



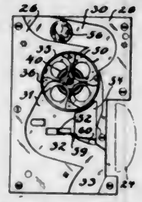
1. A selective trapping or cutting device for use in twisting, winding, spinning, doubling or like machines having twisting or draft means acting on two strands capable of exerting a uniform tension on the strands with variations in the slack thereof, comprising an inverted U-shaped frame mounted on said machine transversely in rear of said twisting or draft means having a central transverse slot therein over opposite ends of which said strands are adapted to pass and a tension post mounted on one side thereof to extend transversely horizontally over said slot above said strands, a pivot pin mounted transversely of said frame below said post, a pair of trapping levers each pivotally mounted adjacent one end of said pivot pin and having a work arm extending obliquely transversely upwardly through the respective opposite end of said frame transverse slot and terminating in a trapping or cutting edge below said post adjacent the opposite strand limited in its rear pivotable movement by the rear edge of said transverse slot, and in its forward pivotable movement by said post and a power arm projecting rearwardly therefrom having a substantially flat lower surface, a second pivot pin mounted transversely of said frame in rear of said first pivot pin, a pair of guide levers each pivotally mounted adjacent one end of said second pivot pin, each having a work arm projecting arcuately forwardly therefrom bent to generate substantially an involute upper cam surface to abut the lower surface of said trapping lever power arm to advance it at constant speed and a heavier power arm having a strand receiving and separating guide mounted on the end thereof, and a supplemental lever independently pivotally mounted on said frame having a rear work arm cross bar underlying said trapping lever work arms and a heavier power arm projecting forwardly from its pivot having a strand guide thereon to be supported by the single twisted or wound strand beyond the twisting or draft means of said machine adapted on breakage of said strand or on an accumulation of an excessive amount of slack in said strand to raise said work arm to abut both trapping lever work arms to raise them both against said tension post or strands to break said strands.

2,064,686

SLUG REJECTOR

Charles M. Pierce, Detroit, Mich.; Loduskia Pierce executrix of said Charles M. Pierce, deceased

Application September 8, 1933, Serial No. 688,596
9 Claims. (Cl. 194—103)



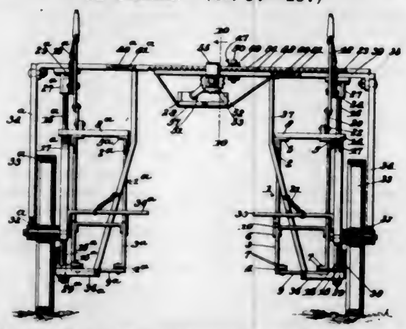
1. In a slug rejecting mechanism, a pivoted selecting member adapted to receive and temporarily support and to be moved to different positions by coins, slugs and the like of variant weights, a resilient stop for the selecting member engageable by a portion carried by said member and adapted to throw said member in a reverse direction to that in which it is actuated by a coin or slug, said resilient stop being so positioned as to be engageable by said portion to resultantly impart such reverse impetus to the selecting member only when an excessive impulse is given the selecting member, as by an overweight slug, and separate receiving portions circumferentially spaced along the path of movement of the selecting member into which such coins and slugs may be selectively directed in response to variant impetuses given said member by coins and slugs of different weights.

2,064,687

FARMING IMPLEMENT

Joseph Plavan, Cleveland, Ohio

Application September 14, 1935, Serial No. 40,645
11 Claims. (Cl. 97—157)



1. In a farming implement, a wheeled carriage, said carriage including at least one upright, a framework and means forming part of the framework so mounted on the upright that the framework is rectilinearly movable with respect thereto in the vertical direction, means on the carriage and in connection with the framework for adjusting the framework on the upright with respect to

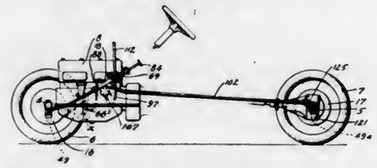
the ground, at least one tool-carrying bracket, and means by which said bracket is attached to the framework.

2,064,688

MOTOR VEHICLE AND BRAKING SYSTEM THEREFOR

Hugh M. Rockwell, Freeport, N. Y.

Refiled for application Serial No. 218,656, September 10, 1927. This application May 11, 1932, Serial No. 610,698
16 Claims. (Cl. 188—152)



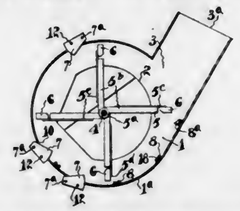
7. In a vehicle having a prime mover provided with a pressure lubricating system, a hydraulic braking system, and fluid conducting means for utilizing the pressure of the lubricating system to automatically circulate oil heated by the prime mover for pressure transmission purposes from said pressure lubricating system to and through parts of said braking system when the brakes are in released position.

2,064,689

COMBINED FAN AND CUTTER

Elias Russwurm and Noah Russwurm, Carrick Township, Ontario, Canada

Application June 17, 1935, Serial No. 26,941
In Canada July 6, 1934
6 Claims. (Cl. 146—107)



1. A combined fan and cutter including a plurality of rotary vanes; cutting blades carried by the vanes; a fan casing provided with an outlet pipe and a suction inlet; and sets of cutting blades pivotally mounted on the casing, each set being adapted to be swung into and out of position for co-operation with the rotary cutting blades, the sets of casing cutting blades being arranged in spaced relationship around the casing opposite the outlet, and the inlet being elongated and offset relative to the axis of the rotary vanes in a direction to bring it towards a position of alinement with the outlet pipe.

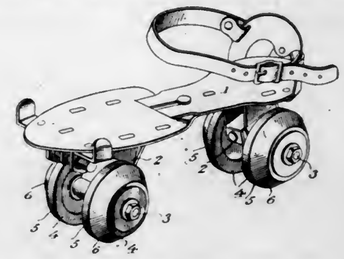
2,064,690

SKATE WHEEL

James V. Schavone, Munhall, Pa.

Application June 2, 1934, Serial No. 728,755
2 Claims. (Cl. 208—181)

1. A pair of spaced skate rollers, and an axle at the extremities of which they are rotatably mounted, each of said rollers having a pair of tread portions of which one defines a cylindrical surface of comparatively narrow width and the other the slant surface of a conical frustum, the frusto-conical surface being next adjacent the extremity of the shaft and merging into the



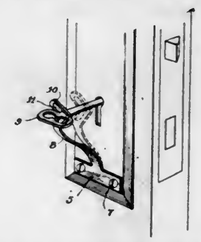
cylindrical surface, the latter constituting the surface bearing tread when the roller is upright and the frusto-conical surface constituting such tread when the roller is making a turn.

2,064,691

KEY HOLDER

Frank Schmitz, Roselle, N. J.

Application November 6, 1935, Serial No. 48,568
1 Claim. (Cl. 70—7)



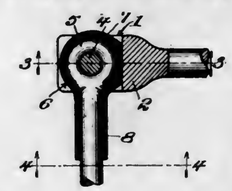
A device of the character described, comprising a slotted end portion thru which a key may be passed and adapted to press outwardly against the bow of a key positioned in a lock, and a resilient shank extending from said slotted end portion and adapted to be secured to a door, said slotted end portion being V-shaped so that the apex thereof will press against the bow of the key to prevent the key from being accidentally turned.

2,064,692

BRAKE ROD CUSHION

Claude Shank, Goshen, Ind., assignor of one-half to Jesse R. Bruce, Goshen, Ind.

Application November 12, 1935, Serial No. 49,401
2 Claims. (Cl. 287—100)



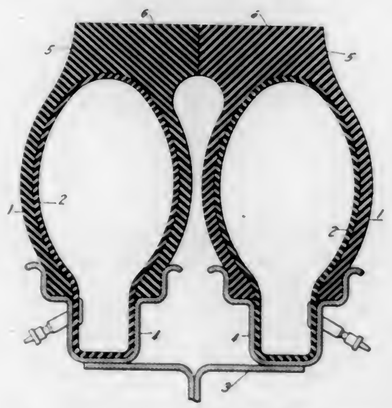
1. A cushion device comprising an annular-shaped body having an opening therethrough with the walls of said opening grooved, and a sleeve integral with said body portion and communicative with the opening.

2,064,693
FUEL VAPOR AND AIR MIXER
Walter G. Shaver, Bellerose Manor, and John C. Farner, Elmont, N. Y.
Application November 1, 1934, Serial No. 751,054
2 Claims. (Cl. 48—180)



2. A fuel vapor and air mixer of the character described, comprising a central ring having means for supporting a pair of plates therein adapted to lie flush with the ends of said ring, a spacer member interposed between said pair of plates and having a centrally disposed aperture to provide an annular chamber, said ring being provided with a plurality of ports communicating with said central chamber, said ports being in staggered relation in respect to a horizontal plane and reduced in size to a jet for delivering air into a mixture chamber.

2,064,694
PNEUMATIC TIRE
Herbert R. Simonds, Oakwood, Ohio
Application May 18, 1936, Serial No. 80,277
7 Claims. (Cl. 152—22)



1. A pneumatic tire comprising two separately deflatable units each having a casing provided with a tread, means for separately mounting said units side by side on the rim of a vehicle wheel, said mounting means being so arranged that the adjacent side walls of said units will be normally out of contact one with the other, and said treads having on their adjacent sides parts arranged to contact one with the other when said units are inflated.

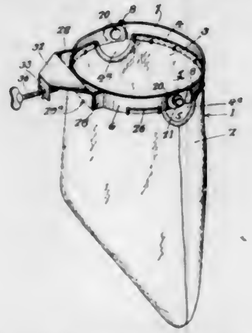
5. A pneumatic tire comprising two separately deflatable units, means for mounting said units side by side on the wheel of a vehicle, each unit having a casing provided with a tread and the tread of each casing having on that side thereof adjacent to the other tread a contact surface, said contact surfaces being arranged to have firm contact one with the other when the tire is inflated and said casing being so shaped that when said treads are in contact the adjacent side walls of said casing will be normally out of contact and said tire will have substantially the shape of and appearance of a single tire.

2,064,695
AIR VALVE
Harry E. Sipe, New York, N. Y., assignor of one-half to Nathaniel L. Foster, New York, N. Y.
Application June 11, 1935, Serial No. 25,970
6 Claims. (Cl. 152—12)



1. In a tire valve a slitted rubber member of greatest transverse dimension at right angles to the slit wall faces, and a rigid ring encircling said member and engaging and compressing only the said portions of greatest dimension.

2,064,696
FISH HOLDER
Benjamin F. Smith and Joseph H. De Fee, Jacksonville, Fla.
Application June 3, 1935, Serial No. 24,753
1 Claim. (Cl. 43—55)

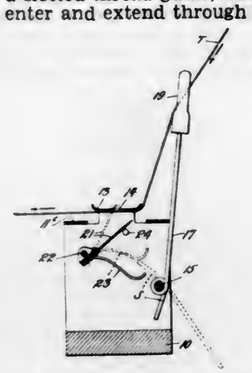


A fish holder comprising a porous flexible receptacle of bag-like form having a normally open mouth, a frame secured to, encompassing and extended from the mouth end of the receptacle, said frame being formed of a pair of band-like foldable and extendible sections hinged together at their ends for closing and extending the mouth of the receptacle, said sections being formed at their ends with inherent coacting interengageable means for latching the sections together in extended relation, the said means on one section being disposed at right angles to the said means on the other section, a yoke integral with the outer face of one of said sections, an angle-shaped arm integral with the outer face of one of said sections, and means carried by the arm and coacting with the yoke for clamping the holder to and in suspended relation with respect to a support.

2,064,697
THREAD STOP-MOTION
Harold E. Smyth, Millville, Mass., assignor to Henry Owens & Company, Inc., Providence, R. I.
Application December 24, 1935, Serial No. 55,958
13 Claims. (Cl. 117—32)

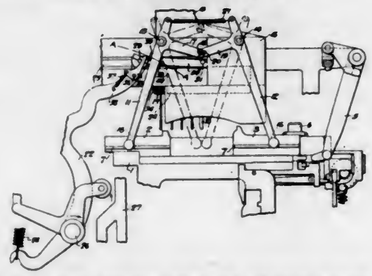
1. A device for severing the second of two threads when one of said threads becomes severed

comprising a slotted thread guide, cutting means adapted to enter and extend through the slot in



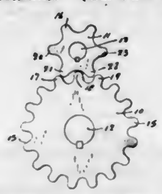
said guide, and actuating means for said cutting means.

2,064,698
VISE JAW WIPER FOR TYPOGRAPHICAL MACHINES
Arthur G. Sperry, Hollis, N. Y.
Application May 18, 1936, Serial No. 80,458
16 Claims. (Cl. 199—62)



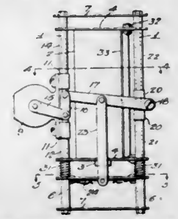
1. In a line casting machine having a slug casting mold and vise jaws for clamping a matrix line in front of the mold and each having a face for closing the front of the mold beyond an end of the matrix line, wipers mounted to move over said faces of the vise jaws and having means for operating them after each casting operation.

2,064,699
GEARING
Frank E. Stahl, Tonawanda, and Raymond J. Kieffer, Getzville, N. Y., assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y., a corporation of New York
Application July 11, 1935, Serial No. 30,856
5 Claims. (Cl. 74—462)



1. A pair of gears, each gear being provided with teeth, the circular pitch of the teeth of one gear being greater than the circular pitch of the teeth of the other gear, such teeth being so formed that they will mesh, the addenda of the teeth of the gear being substantially semi-cylindrical in shape, whereby when the gear having teeth of greater circular pitch is acting as the driver, it will impart to the driven gear a continuous rotary motion and when the gear having the teeth of lesser circular pitch is acting as the driver, the teeth thereof will be successively locked with the engaging teeth of the other gear.

2,064,700
ELECTROMAGNETIC DEVICE
Alexander Stein, Philadelphia, Pa.
Application June 18, 1935, Serial No. 27,254
6 Claims. (Cl. 175—345)

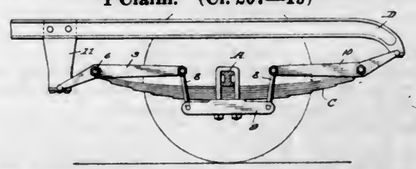


1. An electromagnetic device, comprising an electromagnet having a core, an armature including a thin non-magnetic plate having an opening adjacent said core, and a magnetic member carried by said plate and having a portion extending into said opening for cooperation with said core, and supporting and guiding means for said armature comprising a plurality of parallel rods slidably carrying said plate in cooperative relation with said electromagnet, whereby said device may be operated in any position.

2,064,701
MANUFACTURE OF RICE FLAKES
Einar O. Stokkebye, Goteborg, Sweden
No Drawing. Application December 14, 1934, Serial No. 757,587. In Sweden November 10, 1934
8 Claims. (Cl. 99—80)

1. The process of manufacturing rice flakes which comprises heating rice grains at a temperature between about 165 degrees and 265 degrees Fahrenheit for a time of at least thirty minutes in an atmosphere saturated with steam and compressing the product when having a humidity of at most 20% into flakes while it is at the said temperature.

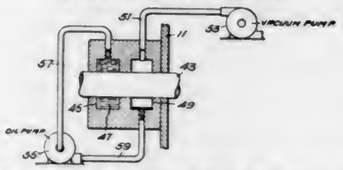
2,064,702
SHOCK ABSORBER
Archie M. Tyson, Dallas, Tex.
Application November 2, 1935, Serial No. 48,010
1 Claim. (Cl. 267—19)



The combination with an axle, a spring, means for fastening the spring between its ends to the axle, and a chassis, of yokes pivotally connected to the chassis and straddling the respective ends of the spring, said yokes being extended

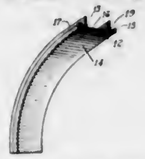
along substantially parallel lines and in opposite directions respectively away from the spring, means for pivotally and detachably connecting the yokes to the spring, each yoke having a long arm constituting a lever, and a link connection between each lever and the spring fastening means.

2,064,703
SHAFT SEAL FOR HIGH VACUUM CHAMBERS
Robert J. Van de Graaff, Cambridge, Mass., assignor to Research Corporation, New York, N. Y., a corporation of New York
Application December 6, 1934, Serial No. 756,368
6 Claims. (Cl. 286—19)



2. In a vacuum sealing device for a rotary shaft, the combination with a casing the walls of which enclose a highly evacuated space, of a rotary shaft having entrance through the walls thereof, means for maintaining a vacuous condition in said space represented by a pressure not greater than 10^{-5} millimeters of mercury, means providing a sealing chamber encircling a portion of said shaft passing through said walls, a sealing medium filling said chamber devoid of air carrying spaces and having a low vapor pressure, means for maintaining said medium under a pressure greater than the pressure difference on opposite sides of said enclosing walls, and means interposing between said medium and said evacuated space and about said shaft a path of high resistance to the passage of vapor emitted from said medium.

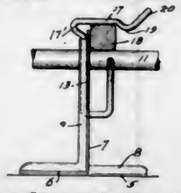
2,064,704
ARCH CONSTRUCTION
Michael G. Vass, Maywood, Ill., assignor to United States Gypsum Company, Chicago, Ill., a corporation of Illinois
Application August 9, 1933, Serial No. 684,417
10 Claims. (Cl. 72—116)



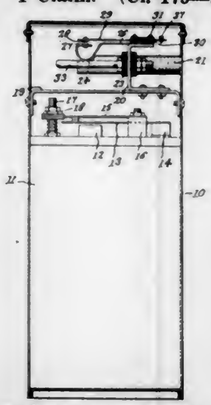
10. In an arch construction, an arched, elongated sheet body element, arch channel members extending outwardly along each margin of said element, and wings of substantially rigid sheet material received in said channels.

2,064,705
ROAD CHAIR
Oscar N. Whitehead, Wallingford, Conn., assignor to H. L. Judd Company, Inc., New York, N. Y., a corporation of Delaware
Application March 14, 1936, Serial No. 68,826
5 Claims. (Cl. 94—8)

1. In a road chair, a sheet metal member comprising a vertical standard recessed at its upper edge to form a seat for a horizontally arranged reinforcing rod, wire means folded intermediate its length to form two spaced side bars, the folded portion being laterally offset to form a second seat for said rod, the ends of said side bars being laterally offset to form a pair of spring clips projected over said second seat to overstand and hold in place a second horizontally arranged reinforcing bar supported on and extending transversely of the first rod, the side edges of said sheet metal standard being folded over said side bars between said second seat and said clips and rigidly and immovably connecting said parts together.



2,064,706
AUTOMATIC BLASTING FUSE IGNITING DEVICE
John F. Wiggert, Lead, S. Dak.
Application April 9, 1935, Serial No. 15,504
1 Claim. (Cl. 175—91)



A blasting fuse igniting means comprising a casing, an induction coil within the casing, a partition extending across the casing dividing the casing into a coil chamber and a fuse igniting chamber, an upstanding support secured to said partition in said fuse chamber, a fuse holding tube extending through said support, said fuse chamber having an opening alining with the tube, means for securing said tube to said support, a pair of spaced apart electrodes disposed in confronting relation to the inner end of said tube, means for securing said electrodes to said support on each side of said tube, means for connecting said electrodes to one side of said coil, said tube having a notch therein, and a spring pressed switch carried by said support and having a portion thereof projecting into said notch whereby to close the switch upon insertion of a fuse into said tube, and means for connecting said switch to the other side of said coil.

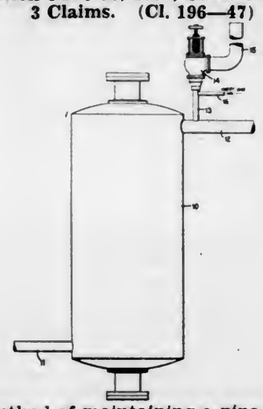
2,064,707
DEVICE FOR PACKING PLANTS FOR SHIPMENT AND STORAGE
Clarence E. Wilson, Manchester, Conn.
Application September 11, 1935, Serial No. 40,145
3 Claims. (Cl. 206—46)

1. A container for packaging plants for shipment comprising a shell housing the roots of a plant and provided with openings in the walls thereof, consisting of slots directed longitudinally of the shell so as to provide avenues of egress lying in the course of natural reaching out of said roots, a cover for the upper end of the shell, said cover having an opening, a housing removably mounted on the shell to



cover said opening during transportation of the container and terminating short of the upper end of said shell, the resultingly exposed upper shell end providing an extension, a closure having windows and being removably mounted on the shell extension and housing the foliage of the plant.

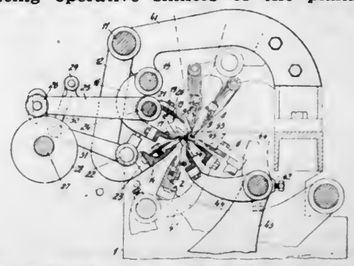
2,064,708
METHOD FOR CRACKING HYDROCARBON OILS
Robert E. Wilson, Chicago, Ill., assignor to The Standard Oil Co. (Indiana), Chicago, Ill., a corporation of Indiana
Application June 30, 1934, Serial No. 733,227
3 Claims. (Cl. 196—47)



1. A method of maintaining a pipe connection, leading from oil cracking equipment to a safety valve, relatively free of coke-forming hydrocarbon vapors, which comprises introducing into said pipe adjacent said safety valve a non-coke-forming gas and flowing said inert gas through said pipe connection in a direction away from said safety valve during the cracking operation.

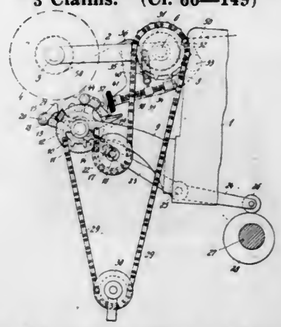
2,064,709
WARP FRAME ATTACHMENT
Herbert Wirth, Hartmannsdorf, near Chemnitz, Germany
Application February 21, 1936, Serial No. 65,149
In Germany February 22, 1935
4 Claims. (Cl. 66—87)

1. A device for the manufacture of double-faced warp fabrics of different kinds upon warp frames adapted for the manufacture of plain warp fabrics only, comprising a dipping comb, replacing operative sinkers of the plain warp



frame, a knock over comb arranged below said dipping comb, and means adapted to be mounted upon the plain warp frame, carrying spring beard needles, sinkers and pressers required for the formation of the second face of the fabric.

2,064,710
FABRIC TAKE-UP DEVICE FOR FLAT WARP KNITTING-MACHINES
Herbert Wirth, Hartmannsdorf, near Chemnitz, Germany
Application March 28, 1936, Serial No. 71,484
In Germany April 18, 1935
3 Claims. (Cl. 66—149)

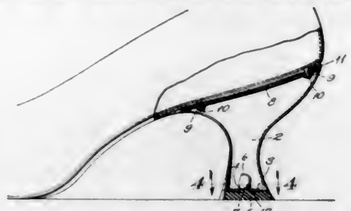


1. In a flat warp knitting machine, a fabric take-up roller, a cloth roll, a sprocket wheel associated with said take-up roller, a second sprocket wheel, an endless chain passing over said sprocket wheels, a ratchet mechanism actuating said second sprocket wheel, a separate automatically regulable mechanism and a gear train between said last mentioned mechanism and said cloth roll.

2,064,711
HEEL
Ervin Yeager, Farmington, Mich.
Application January 28, 1935, Serial No. 3,840
1 Claim. (Cl. 36—36)

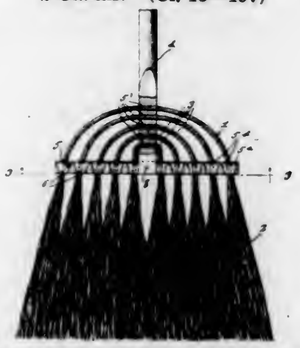
A heel for footwear comprising a metal shell having an open top and having a flat front wall adapted to be disposed underneath the instep of a shoe, an integral web closing the bottom of the shell and having a central opening corresponding in outline to the cross section of the heel, one side of the opening being straight and parallel with the front side of the heel, an upstanding flange formed around the opening and having the dual function of resisting buckling of the web and furnishing a support, and a heel lift formed of rubber and provided on its top with

an attaching stud comprising a head and a neck adapted to pass through the opening defined by the flange, the head expanding over the flange to hold the lift firmly to the heel under all con-



ditions of ordinary wear, the head having a flat side corresponding to the straight side of the web opening to facilitate easy application and easy removal during replacement of a worn lift.

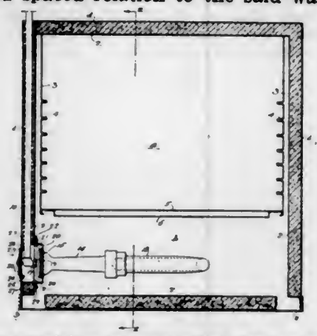
2,064,712
BROOM
Perry Young, Prescott, Ark.
Application July 16, 1935, Serial No. 31,653
2 Claims. (Cl. 15—197)



1. A broom comprising, a handle having an inwardly extending notch in one end thereof and transverse apertures adjacent said end spaced apart longitudinally of the handle, a plurality of pairs of tufts of separated wire strands each pair connected together by an intermediate U-shaped portion of such strands twisted together, said portions being disposed midway of their ends in said apertures in nested relation, and a bar-like clamp removably secured in said notch intermediate its ends and clampingly engaging said portions immediately above said tufts, said clamp comprising a single strip of metal folded longitudinally upon itself to provide a pair of opposed bars disposed upon opposite sides of said portions, respectively, said clamp being provided with apertures in the fold thereof through which said portions are threaded into said clamp.

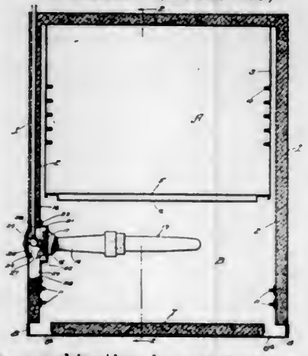
2,064,713
GAS RANGE
William D. Antrim, Gloucester, N. J., assignor to Roberts & Mander Stove Company, Philadelphia, Pa., a corporation of Pennsylvania
Application April 18, 1932, Serial No. 606,036
4 Claims. (Cl. 126—39)

3. The combination in a gas range structure, of an oven; a burner chamber arranged in communication with said oven; a burner in said chamber; a mixing tube extending into said chamber and being connected to said burner; means for supplying air to said tube through an opening in a wall of the structure; and means supporting the inlet end of said tube in predetermined spaced relation to the said wall; said



means comprising a supporting device attached to said wall and having a plurality of inwardly extending radial arms supporting the inlet end of said tube at spaced peripheral points.

2,064,714
GAS RANGE
William D. Antrim, Gloucester, N. J., assignor to Roberts & Mander Stove Company, Philadelphia, Pa., a corporation of Pennsylvania
Application October 12, 1934, Serial No. 748,149
2 Claims. (Cl. 126—39)

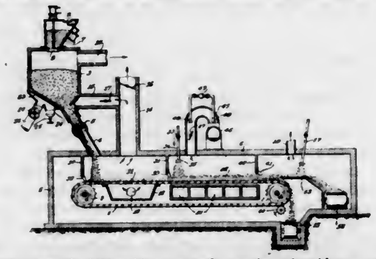


1. The combination in a gas range structure of an oven; a burner chamber arranged in communication with said oven; a burner in said chamber; a mixing tube extending into said chamber and being connected to said burner; and means supporting the inlet end of said tube in predetermined spaced relation to a wall of the structure; said means comprising a supporting plate attached to said wall and having a flange thereon directed into the burner chamber, said flange being provided with an inwardly directed flange for supporting the inlet end of said tube at the periphery thereof.

2,064,715
COKING LIQUID HYDROCARBONS
Harold V. Atwell, White Plains, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J., a corporation of Delaware
Application March 29, 1933, Serial No. 663,291
1 Claim. (Cl. 202—14)

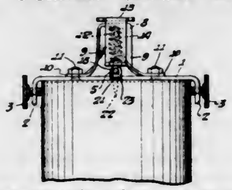
The method of coking heavy hydrocarbon oil which comprises forming a bed of loose, non-

cohesive petroleum coke pieces upon a moving support, heating said bed to a temperature substantially in excess of a minimum coking temperature for said oil, then supplying said oil to the upper portion of said heated bed as it is moved forward upon said support, and regulating the temperature, the rate of introduction of the oil, the rate of travel of the bed on the support and the thickness of the bed of coke to effect a suffi-



cient devolatilization and carbonization of the oil under the influence of the highly heated coke bed as the oil penetrates the upper portion of the coke bed to prevent said oil from reaching the bottom of the coke bed in a liquid condition, and maintaining the coke bed and the oil supplied thereto at a coking temperature for a sufficient time to complete the coking of said oil and thereby forming a dense oil coke.

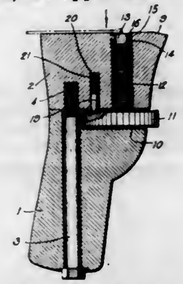
2,064,716
COMBINED CAN OPENING AND SEALING DEVICE
Gilbert L. Baker, Oakland, Calif., assignor of one-half to Algot Oberg
Application April 29, 1935, Serial No. 18,899
5 Claims. (Cl. 220—51)



1. In a can-opening device, a member adapted to be attached to the top of a can, a second member extending transversely of said first member and pivotally attached thereto, an inverted U-shaped member resting upon and in parallel relation to said transversely extending second member, bolts holding said inverted U-shaped member and said transversely extending second member in fixed relation, said bolts having their lower ends tapered and forming punches for forming openings in the top of the can, said tapered ends also forming closures for said openings, resilient sealing means carried by said bolts, and spring means pressing against said transversely extending second member.

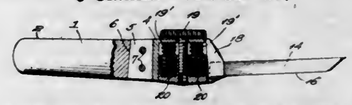
2,064,717
SAW SET
Thomas Vester Baker, Chehalis, Wash.
Application January 8, 1935, Serial No. 901
1 Claim. (Cl. 76—73)

An anvil comprising upper and lower sections, means detachably securing the sections together, there being a recess in the upper end of the lower section, a milled disc rotatably mounted in said recess, a threaded shank integral with the disc and engaged in a threaded bore in the upper section, said shank having the upper end reduced and forming an anvil, a web in the upper end of said bore having an opening through which said reduced end of the shank projects, there being a groove formed across the upper surface of said upper section and extending across the anvil, the upper face of said disc hav-



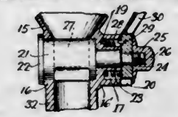
ing a plurality of notches arranged in a circular series concentric with said shank, there being a correspondingly disposed annular series of numerals on the underside of the disc designating the notches, there being a socket in said upper section, and a spring pressed detent in said socket yieldably engaged in one of said notches to hold the disc in the position in which it may be set.

2,064,718
PARING KNIFE
Thomas V. Baker, Chehalis, Wash.
Application June 15, 1936, Serial No. 85,378
6 Claims. (Cl. 30—20)



1. A paring knife comprising a handle, a pair of parallel cutting blades projecting forwardly from said handle in laterally spaced relation upon opposite sides of the longitudinal center of the handle, respectively, and with their cutting edges extending inwardly toward each other, one of said blades being settable on the handle in a fixed plane at a right angle to the cutting edge of the other blade, and manipulative means for setting the settable blade.

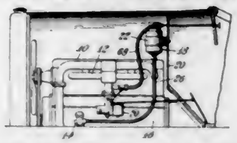
2,064,719
DISPENSING APPARATUS
Clayton James Baldwin, Ottawa, Ontario, Canada, assignor to Dustbone Products Limited, Ottawa, Ontario, Canada
Application October 11, 1935, Serial No. 44,619
3 Claims. (Cl. 221—106)



1. A dispensing apparatus including a material receiver, a hollow body at the lower end thereof, said hollow body being in part cylindrical open at one end and closed inwardly at the opposite end by a wall formed with an axial opening, the annular wall of the body being extended beyond the wall as a housing section, a sleeve integral with said wall and extending in line with the axial

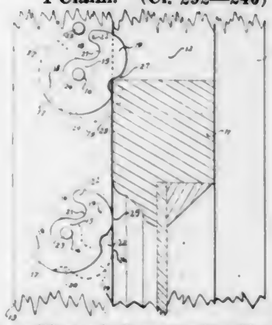
opening and spaced from said housing section, a dispensing unit mounted in said hollow body between said open end and said wall, said unit having an axial shaft rotatably supported in and extending beyond said sleeve, an operating handle secured on the extended end of said shaft, and a spring terminally fixed in said wall and handle and housed in the space between the housing and sleeve.

2,064,720
FUEL MIXER
Andrew M. Balogh, Chicago, Ill., assignor of one-half to Earl L. Hoyles, Chicago, Ill.
Application October 2, 1934, Serial No. 746,569
14 Claims. (Cl. 123—119)



1. The combination with an internal combustion engine having an intake manifold and a crank case, of a double drum structure, one of said drums having communication with the crank case and the intake manifold, the other of said drums having communication with the intake manifold, the latter drum being arranged to contain a highly volatile fuel, and a single valve for cutting off communication between either of the drums and the intake manifold.

2,064,721
WINDOW STOP
Henry E. Barnett, Summit, Miss.
Application July 31, 1934, Serial No. 737,818
1 Claim. (Cl. 292—240)



For use with a window construction comprising a frame, a sash slidable in said frame, and a plurality of pins disposed on said frame adjacent said sash, one of said pins being disposed above the normal closed position of the sash and another therebelow, the former pin being closer to the path of movement of the sash than the latter pin; a fastener and holder comprising a flat body apertured to receive said pins alternatively therethrough for free pivotal movement of the fastener thereon close beside the frame at right angles to the sash, said body having a weight lobe and a cam lobe both in the plane of the body, the cam lobe having a peripheral cam face with a medial part of predetermined maximum radius greater than the distance of the said latter pin from the sash and parts of diminishing radius extending in opposite directions from said part of maximum radius, the weight lobe being of smaller radius than the cam face and having its center of mass spaced from the cam lobe a substantial distance such that when the fastener is in equilibrium on the pin the cam lobe will tend to lie with said part of maximum radius nearly at the level of the pin, said body having a peripheral notch at the lower side between the weight lobe and the cam lobe to receive the angular horizontal upper edge of a sash and having a predetermined minimum radius less than the distance from the uppermost pin named to the path of the sash; whereby, when said body is disposed upon said uppermost pin it will be in position to receive the upper edge of the sash in said notch when the sash is moved upwardly and when disposed on the said second named pin the weight will cause one of said parts of diminishing radius to bear against the sash and wedge against the sash under movement of the sash in one direction, but said body being movable pivotally on the pin to a reversed position whereby the weight will cause the other part of diminishing radius to bear against the sash and wedge against the sash under movement of the sash in a direction opposite that last named.

2,064,722
AEROPLANE LIGHTING SYSTEM
John B. Bartow, Blue Bell, Pa.
Application July 20, 1935, Serial No. 32,446
8 Claims. (Cl. 33—46)



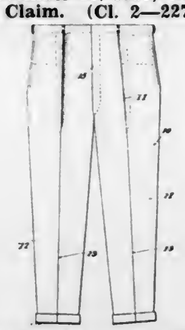
1. A lighting system for an aircraft, comprising a fixed light projector mounted on said aircraft and projecting a light beam toward the earth in advance of said aircraft to form on level terrain an elongated, rectangular figure, said projector being offset from the pilot's position in said aircraft so that the line of vision of the pilot as he views the elongated, rectangular figure, is at an angle to the projected beam of light, said figure appearing on the earth's surface in advance of said aircraft and changing distinctively in shape in accordance with the contour of the earth's surface, whereby the pilot is enabled to discern the contour of the earth's surface in advance of said aircraft.

2,064,723
GEARING
Frank H. Benge, Norristown, Pa., assignor to Continental-Diamond Fibre Company, Newark, Del., a corporation of Delaware
Application August 13, 1935, Serial No. 35,994
9 Claims. (Cl. 74—445)



1. A composite machine element, such as a gear, comprising a non-metallic rim portion, a hub portion, a load-transmitting portion connecting said rim and hub portions, and a metallic rim surrounding said rim portion and attached thereto, said non-metallic rim portion and said metallic rim having complementary working portions cooperatively arranged to provide a composite non-metallic and metallic working surface.

2,064,724
PLAIT ANCHORING MEANS FOR GARMENTS
Leon E. Ber, New Orleans, La.
Application November 13, 1935, Serial No. 49,620
1 Claim. (Cl. 2—227)



A pair of trousers having a body portion with leg portions, plaits formed in the body portion and extending downwardly from the waistband longitudinally of the body to a point below the crotch, each plait having inner and outer folds, the outer fold being in line with the crease of the trousers and the inner fold facing the side seam of the trousers, and a relatively wide tying strip for the upper portion of the plait extending transversely of the trousers intermediate upper and lower ends of the plait and having one end portion anchored in said side seam, said tying strip extending across the inner face of the trousers and having its other end extending into the outer fold of said plait, and stitches passing through said tying strip and through both walls of the inner fold of the plait.

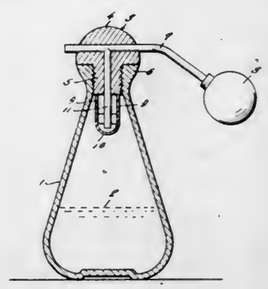
2,064,725
DETERGENT COMPOSITION
Waldemar Blech, Cleveland, Ohio, assignor to Thurlow G. Gregory
No Drawing. Application March 6, 1936, Serial No. 67,529
3 Claims. (Cl. 87—5)

2. A relatively harmless, water rinsible detergent composition for the removal of cellulose lacquer and stains from the skin and consisting essentially of:

	Pounds
A highly volatile cellulose lacquer solvent capable of loosening cellulose lacquer from the skin and selected from the group consisting of ethyl acetate, butyl acetate, pentyl acetate, ethyl propionate, ethylene-glycol-mono-ethyl-ether acetate, ethylene-glycol-mono-butyl-ether acetate and mixtures thereof, approximately	10 to 20
Soap, approximately	8 to 20
Glycerine, approximately	5.5 to 16
Carbon tetrachloride, approximately	1.85 to 8
Water, approximately	15 to 30
An alkali from the group consisting of sodium hydroxide, sodium carbonate and mixtures thereof approximately	.75 to 3.5

2,064,726
ATOMIZER
Winslow R. Brown, Harrisburg, Pa.
Application April 28, 1936, Serial No. 76,868
1 Claim. (Cl. 299—88)

An atomizer of the class described comprising a container for the reception of a fluid, and a dispensing unit removably mounted on said container, said unit comprising a closure including a shank threadedly engaged in the container, hangers depending from the lower end of said shank, a measuring cup mounted on said hangers for the reception of the fluid, an angular dis-



charge tube extending transversely through the closure, a collapsible rubber bulb on one end of said tube, and a Venturi tube mounted in the closure and having one end connected to the first named tube and its other end engaged in the measuring cup for receiving the fluid from said measuring cup.

2,064,727
PROCESS FOR THE MANUFACTURE OF STABLE PREPARATIONS HAVING A HIGH CONTENT OF COMMERCIAL LECITHIN
Carl Heinz Buer, Cologne-Marienburg, Germany
No Drawing. Application February 26, 1936, Serial No. 65,920. In Germany May 2, 1931
6 Claims. (Cl. 167—82)

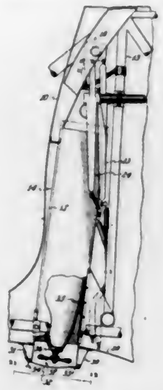
1. Process of producing stable formed bodies of substantially pure commercial lecithin, consisting in drying the lecithin in thin layers to a moisture content of not over 1%, adding a small quantity of alcohol to the lecithin so dried, immediately dividing and forming the lecithin into bodies of predetermined dosage and applying a superficial coating of a water repelling substance to said bodies.

2,064,728
COLLOIDAL SULPHUR
William S. Calcott, Penns Grove, and Ira Williams, Woodstown, N. J., and Benton Dales, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 12, 1934, Serial No. 734,868. In Union of South Africa February 8, 1933
18 Claims. (Cl. 252—6)

11. An alkaline colloidal sulphur suspension comprising at least 40% colloidal sulphur in the form of uniform spherical particles exhibiting rapid Brownian motion, dispersed in a medium containing water, an alkali and at least 40% glycerin.

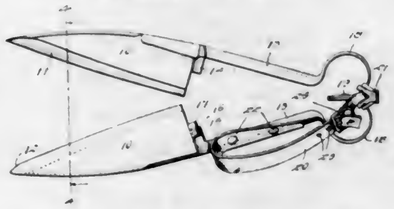
14. In a process of producing colloidal sulphur, the step which comprises emulsifying molten sulphur per se by rapid agitation at a temperature from about 120° C. to about 130° C. under atmospheric pressure in a water-glycerin mixture which boils under atmospheric pressure at a temperature above 120° C.

2,064,729
BOMB SUPPORT
Ralph D. Carleton, Snyder, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation, a corporation of New York
Application October 27, 1934, Serial No. 750,301
2 Claims. (Cl. 89—1.5)



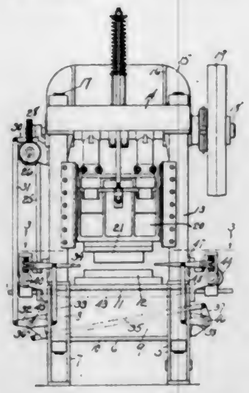
1. In an aircraft fuselage, a plurality of elongated bomb containers arranged with their long axes in a substantially vertical attitude, the lower end of each container terminating substantially at the lower bounding surface of said fuselage and opening therethrough, a hinged cover for each said container normally lying substantially flush with the lower fuselage surface, each said cover being openable by the impingement thereon of a bomb contained in said container, resilient means for holding each said door in a normally closed position, and releasable means centrally disposed at the upper end of each container, engageable with a tail portion of the bomb, for holding the bomb within the container.

2,064,730
UTILITY AND ANIMAL SHEARS
Hiram W. Carrier, Atlantic, Pa.
Application April 28, 1936, Serial No. 76,835
2 Claims. (Cl. 30—1)



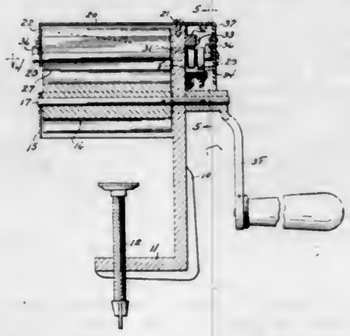
1. Shears of the class described having co-acting blades, handles carrying said blades and provided with spring bows, said bows having forwardly projecting portions secured together, a strap section having an opening through which said portions project, a portion of said strap also passing through said opening at the rear of said projecting portions whereby the strap section is looped about the projecting portions, and a second strap section, said second strap section being connected to one of the handles, and a buckle connecting the strap sections adjustably together.

2,064,731
AUTOMATIC PUNCH PRESS
Alfred E. Caserta, Hartford, Conn., assignor to The Henry & Wright Manufacturing Company, Hartford, Conn., a corporation of Connecticut
Application August 20, 1934, Serial No. 740,604
3 Claims. (Cl. 164—86)



1. A punch press frame including a base and uprights rising therefrom all composed of sheet metal plates welded together to form hollow structures, said uprights having oppositely located openings in the side walls thereof for passage of stock, a plunger supported between and a crown supported upon said uprights, a crank shaft supported by said uprights, a plate secured flat against the side of said frame as by welding and acting to restore the strength lessened by the removal of stock from said opening, a bracket secured to said plate and projecting therefrom, a feeding mechanism mounted in said bracket adjacent one of said openings, an operative connection between said crank shaft and plunger for operation of the latter, and an operative connection between said crank shaft and feeding mechanism for operation of the latter.

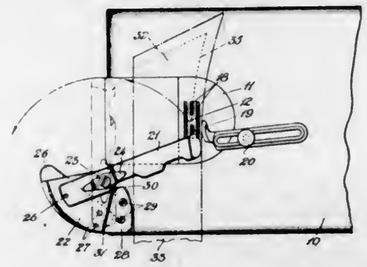
2,064,732
ELECTRIC FLUTING MACHINE
Ralph Otto Clark and Lucie Anna Clark, Estherville, Iowa
Application April 4, 1936, Serial No. 72,814
1 Claim. (Cl. 219—25)



An electric fluting machine comprising a bracket, means for securing the bracket to a support, a

cover plate fixed at one end to the top of the bracket and provided at its free end with a depending flange, a lower roller having cogs and being rotatably mounted in the bracket, a pair of hollow top rollers rotatably mounted on the bracket and on the flange and having cogs, electrical heating coils confined within the top rollers and each having their ends brought out from the rollers at the same end of the rollers, spaced conductor rings for each coil fixed upon and insulated from the associated shaft, brushes engaging the conductor rings for supplying current to the coils, a housing for the conductor rings, there being slots in the bracket and in the flange permitting the top rollers to yield vertically and cant on their axes, springs carried by the housing and by the flange and bearing upon the rollers to yieldably hold the rollers at their lowest limit of movement, and means for rotating the lower roller to feed the material to be fluted between the lower roller and the top rollers.

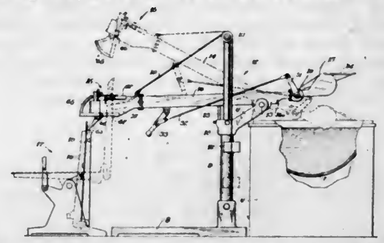
2,064,733
ATTACHMENT FOR SEWING MACHINES
Nathaniel Miles Conaway, Seaford, Del.
Application July 8, 1935, Serial No. 30,376
7 Claims. (Cl. 112—153)



1. An attachment for sewing machines for engaging fabric being stitched and for guiding the same during the stitching operation, said attachment comprising an elongated relatively narrow guide pivoted toward the side of the line of travel of the work adapted to be operated upon and swingable clear of the needle from an operative to an inoperative position and being further swingable from said last mentioned inoperative position in a continung arc back to operative position, and latching means for fastening said guide in its operative position, said guide having its work engaging extremity tapered to a thin curved edge, the curvature of which substantially corresponds to the arc formed by the operative end of the guide, a base plate supporting said guide, and means for latching said guide in fixed relation to its support, said base plate having an attaching flange, said attaching flange having its extremity constructed to provide a measuring device for determining the time of swinging of the guide from operative to inoperative position.

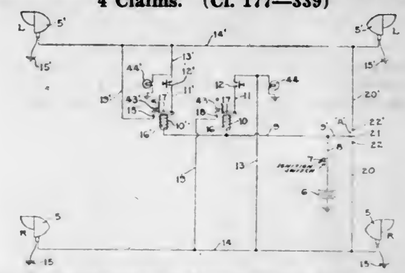
2,064,734
FLAT STEREOTYPE METAL DISTRIBUTOR
William L. Crawford, Plainfield, N. J.
Application January 28, 1935, Serial No. 3,832
12 Claims. (Cl. 22—2)

11. In a machine of the character described, a reservoir having a series of discharge orifices thru which metal may flow into a stereotype casting box, and a series of valves in said orifices,



said series of valves having means for diffusing the molten metal.

2,064,735
SIGNAL DEVICE
William R. Curtiss, Meriden, Conn., assignor to Connecticut Telephone & Electric Corporation, Meriden, Conn., a corporation of Delaware
Application March 27, 1933, Serial No. 662,919
4 Claims. (Cl. 177—339)

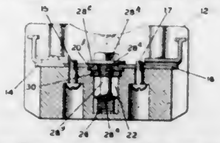


1. In a directional signal system for an automotive vehicle or the like, the combination of a plurality of signaling devices, a plurality of electro-magnets, means connecting one side of each of said devices to one end of the coil of the respective one of said electro-magnets, each of said connecting means including a switch adapted to be maintained closed by the electro-magnet in circuit therewith, resilient means for normally holding said switch in open position, means including a common conductor connecting the other ends of said coils to one terminal of a source of electric energy, switch means having a plurality of fixed contacts and a movable contact member, the latter being mechanically connected to the steering mechanism of the vehicle for movement into selective engagement with either of said fixed contacts, means electrically connecting said movable contact member to said terminal of said source of electric energy, means connecting each of said fixed contacts to a respective one of said signaling devices in parallel with a respective one of said first-named switches, and means connecting said signaling devices and the other terminal of said source, any one of said electro-magnets being rendered ineffective to hold the respective one of said first-named switches closed when said movable contact member engages one of said fixed contacts.

2,064,736
ELECTRICAL DISCONNECTING DEVICE
Magnus G. Dahl, West Hartford, Conn., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn., a corporation of Connecticut
Application June 18, 1936, Serial No. 85,984
16 Claims. (Cl. 200—158)

1. A disconnect block comprising an insulat-

ing base, a pair of aligned terminal plates secured upon said base, an insulator between adjacent ends of said terminal plates and having portions underlying said ends, said base having a well beneath said insulator, a nut fixedly mounted in said well, a compression spring seated in said well, a member pressed outwardly of said well by said spring, and a bolt having spaced



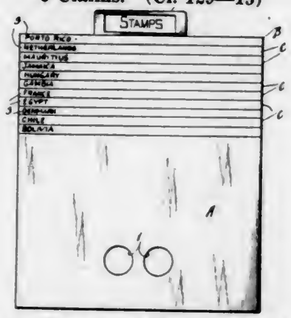
threaded portions engageable with said nut and an unthreaded portion slidable thru said nut, said bolt being urged outwardly of said well by said spring and movable freely thru said nut when the innermost threaded portion of the bolt becomes disengaged from the thread of the nut, and means on said bolt to engage said plates when said bolt is screwed as fully as possible onto said nut.

2,064,737

VISIBLE MARGIN FILE

Robert S. Daniel, New York, N. Y., assignor of one-half to John J. Duffie, New York, N. Y.

Application May 20, 1936, Serial No. 80,898
6 Claims. (Cl. 129—15)



6. In a visible margin file comprising a plurality of slotted cards having relative predetermined uniform vertical sliding movement, flexible strips interlockingly connecting the adjacent cards, each strip extending through the slotted portions of adjacent cards, said strips having preformed offset end portions fitting flatwise against the adjacent faces of the corresponding cards.

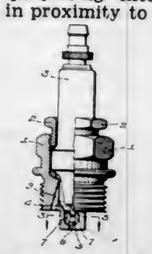
2,064,738

SPARK PLUG

Charles G. Erny, Philadelphia, Pa.

Application November 8, 1935, Serial No. 48,930
7 Claims. (Cl. 123—169)

1. A spark plug comprising a casing having toward one end an externally threaded portion constituting a means for securing the plug in the wall of an engine cylinder, a casing extension of greatly reduced diameter projecting axially from the end of said threaded portion and having an outer end wall defining the terminal end of a firing chamber within the casing, said extension having in the side thereof an opening constituting a firing port, an insulator secured in the casing and forming an inner wall of said chamber, a sparking terminal secured at one end thereof in the side wall of said extension and having its free end extending in proximity to and substantially in alignment with said firing port, and a second terminal mounted in the insulator and projecting into the interior of said extension in proximity to the terminal first



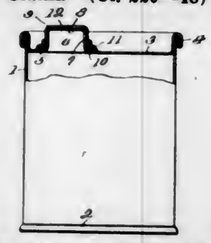
named, said extension providing a flame-propagating chamber of small area terminating the firing chamber and housing the spark gap.

2,064,739

FRICTION TOP CAN

Henry A. Fink, Pelham Manor, N. Y., assignor to Continental Can Company, Inc., New York, N. Y., a corporation of New York

Application March 23, 1936, Serial No. 70,509
1 Claim. (Cl. 220—48)



A friction top can comprising a body portion, an end seamed to said body portion and having an opening therethrough adjacent the side wall of the can, the metal of the can end surrounding the opening being turned back to form an annular hook which is substantially parallel to the plane of the end, a nozzle formed from a single piece of metal, said nozzle having a cylindrical portion fitting the opening in the can end and a closed integral outer end provided with a score line disposed adjacent the edge of the end of the nozzle so that when the metal is ruptured along the score line a pouring opening is provided which is of substantially the same diameter as the inner diameter of the nozzle, said nozzle having at the lower end of the cylindrical portion an outwardly extending flange bent back so as to form an annular hook which is interlocked with the annular hook on the can end, said flange and said hook being substantially parallel to the plane of the end, said interlocked hooks being offset upwardly relative to the plane of the end so that the lower surface of the flange of the nozzle is in alinement with the under surface of the end, and a friction cap adapted to engage over said nozzle for protecting the same during shipment and for reclosure purposes after the dispensing of the contents of the container.

2,064,740

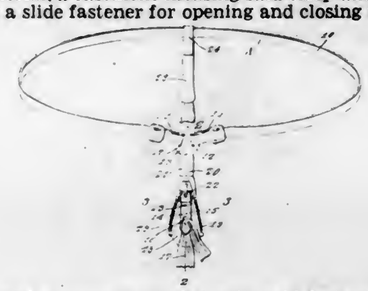
SANITARY BELT

Julian F. Fontaine, Meadville, Pa.

Application February 26, 1936, Serial No. 65,906
3 Claims. (Cl. 128—291)

1. A belt or holder of the character described comprising a band having adjustable loop ends, a clasp suspended by the loop ends and having a channeled portion provided with an opening

for detachable connection of an end of a piece of material, a casement incasing said clasp and having a slide fastener for opening and closing there-



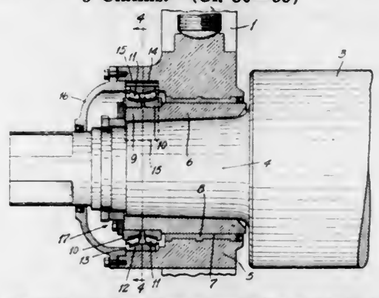
of, and a runner included with said fastener and having a shoe for ironing action on the attached end of the piece of material for tucking the same in the channeled portion of said clasp.

2,064,741

ROLLING MILL BEARING

Pardee H. Frank, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio

Application May 27, 1935, Serial No. 23,700
5 Claims. (Cl. 80—55)



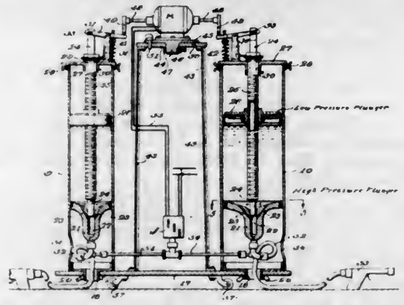
1. A mill roll bearing comprising a plain bearing for carrying radial load, an antifriction bearing adjacent to said plain bearing adapted to resist end thrust and carry radial load, a housing for said bearings, and a resilient support for said antifriction bearing in said housing placed vertically with respect to said bearing.

2,064,742

GREASING DEVICE

Charles Arthur Goldsmith, Sunbury, Pa.

Application February 13, 1936, Serial No. 63,798
6 Claims. (Cl. 221—47.1)



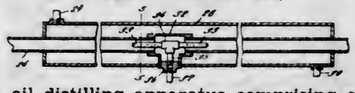
1. The combination of a plurality of grease containers, said grease containers being disposed on a circle about a common center, a motor disposed at the common center and having the ends of its shaft prolonged, means associated with each container for dispensing grease and means carried by the ends of the motor shaft for actuating the grease dispensing means of any of said containers.

2,064,743

OIL DISTILLATION

Richard F. Hadley, Mount Pleasant, Mich.

Application May 18, 1934, Serial No. 726,417
1 Claim. (Cl. 196—93)



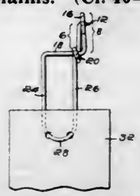
An oil distilling apparatus comprising a tank for receiving the oil to be distilled, means for heating the oil within the tank, means for injecting steam into the oil within the tank, a dome connected with the top of the tank, a substantially horizontal pipe of substantially the same diameter throughout connected with the top of the dome for leading the vapors from the tank, an elongated jacket surrounding part of the pipe and having its front end spaced from the tank, means for introducing cold water into the rear end of the jacket, the front end of the jacket having an outlet for the water, a receiving tank located below the discharge end of the pipe and into which the pipe discharges, upper and lower drain pipes connected with the last mentioned tank, a perforated spray pipe located in an intermediate part of that portion of the first mentioned pipe which passes through the jacket, said spray pipe extending longitudinally of the first mentioned pipe and spaced from the internal walls thereof, and means for connecting the spray pipe with a supply of cold water.

2,064,744

TAG FASTENER

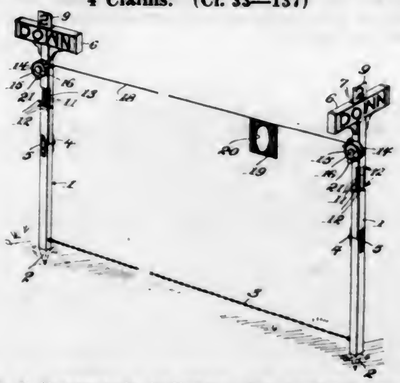
William L. Hall, Brookline, Mass., assignor to Boston Clip & Tag Company, Boston, Mass., a corporation of Massachusetts

Application January 17, 1936, Serial No. 59,562
7 Claims. (Cl. 40—24)



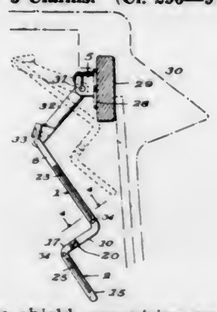
1. A tag fastener comprising two normally contacting, gripping jaws, one presenting an opening, and the other presenting a spur extending transversely of said jaws, normally received within said opening and arranged to recede therefrom when said jaws are spread apart, cooperative jaw guides, the first extending in the same general direction as said spur, and the second presenting an opening through which the first travels lengthwise as said jaws move toward and from each other, and two resilient arms which carry said guides and said jaws and which tend to press said jaws together and into contact, one arm constituting a stop which limits relative travel of said guides, and hence limits spreading of said jaws when said arms are squeezed toward each other.

2,064,745
GAME PLAY INDICATOR
Frank F. Harrie, Jeannette, Pa.
Application September 18, 1933, Serial No. 690,012
4 Claims. (Cl. 33—137)



4. A linesman's indicator for football games comprising a pair of posts, a chain connecting the posts together, a reel device at the upper end of each post, a cable having its ends connected with said devices, and a marker connected with the cable intermediate the reel devices.

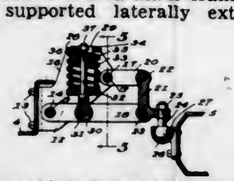
2,064,746
GLARE SHIELD
Charles A. Hawk, Salem, Oreg.
Application March 23, 1936, Serial No. 70,476
5 Claims. (Cl. 296—97)



1. A glare shield comprising an upper and a lower rectangular carrier, a glare arresting shutter arranged within, secured to the sides of and spaced from the bottom and the top of each carrier, and means connected to the carriers to provide for adjusting them in angular relation, said carriers having oppositely extending angularly disposed coacting end terminal portions connected together by said means for disposing the shutter secured to the upper carrier forwardly offset with respect to the shutter secured to the lower carrier, said shutters being arranged relative to each other and to said carriers to provide upper and lower clear vision spaces.

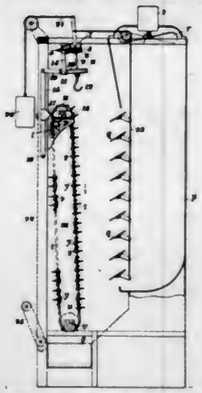
2,064,747
FRONT END SUSPENSION FOR TRACK LAYING TRACTORS
James G. Heaslet, Cleveland, Ohio, assignor to The Cleveland Tractor Company, Cleveland, Ohio
Application April 22, 1935, Serial No. 17,720
10 Claims. (Cl. 305—9)

1. In a crawler type tractor, a main frame, rearwardly pivoted side frames attached thereto, endless track belts encircling said side frames, the forward end of each of said side frames being solely connected to said main frame through a resiliently supported laterally extending link



mechanism, said link mechanisms being horizontally pivoted to said main frame and so constructed and arranged as to permit the said side frames to have relative movement only in a true vertical plane.

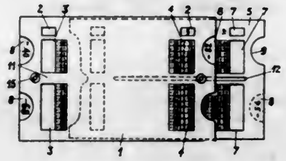
2,064,748
MACHINE FOR PLUCKING HOPS
George Arthur Hinds, Malvern, England, assignor of one-half to Frederic Whigham McConnel, Barbers, Martley, England
Application December 17, 1935, Serial No. 54,924
In Great Britain December 22, 1934
11 Claims. (Cl. 130—30)



1. A machine for plucking the flowers from hop plants, comprising the combination of an overhead conveyor for suspending and carrying the hop plants through the machine, a plurality of pluckers in the form of comb-like strips having notches of such dimensions that they can be engaged only by the thinner stems of the plants, a conveyor carrying the pluckers and arranged so that the active pluckers move downwards in the direction of the length of the plants, and means for producing relative lateral movements between the plants and pluckers, substantially as described.

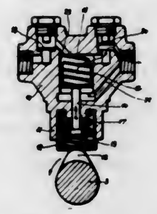
2,064,749
GROUP TABLE SLIDE
Jakob Huber, Zurich, Switzerland
Application December 8, 1933, Serial No. 701,523
Renewed May 21, 1936. In Switzerland December 16, 1932
1 Claim. (Cl. 40—65)

A group table slide comprising a sleeve-like guide having a plurality of openings therein and a plurality of superposed tongues in said guide each having a plurality of openings therein, said openings being of such size and so arranged that when all the tongues are arranged in the guide corresponding openings in the guide and tongues are in registry, each of said tongues being provided with a longitudinal slot, said slot in the successive tongues extending toward opposite ends of said tongues, pins in the guide one adjacent each end thereof, said pins passing through the slots of alternate tongues, said tongues being in mutual contact and the outer-



most tongues being in contact with the guide and means on the ends of said pins and engaging the outer face of said guide for pressing said guide and tongues together so that all the tongues are held by friction against casual movement, said tongues being adapted to be moved successively from opposite ends of the guide.

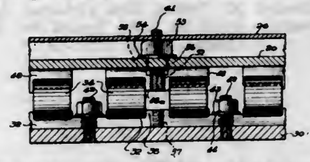
2,064,750
PISTON PUMP FOR THE CONVEYANCE OF LIQUIDS
Max Hurst, Stuttgart, Germany, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany
Application April 8, 1933, Serial No. 665,228
In Germany April 23, 1932
16 Claims. (Cl. 103—37)



1. A piston pump for conveying liquids comprising a pump casing having an inlet passage and an outlet passage, a piston reciprocable in said casing, driving means adapted to loosely engage and positively displace said piston in one direction only, resilient means for displacing the piston in the other direction, a suction valve controlling said inlet passage and communicating with that side of the piston remote from the driving means and a discharge valve communicating at all times with the outlet passage and with the side of the piston adjacent to the driving means, said resilient means yielding to permit said piston to become substantially inoperative when the pressure created by said pump reaches a predetermined degree.

2,064,751
RESILIENT MACHINERY BASE
Carl Hussman, Chicago, Ill., assignor to United States Gypsum Company, Chicago, Ill., a corporation of Illinois
Application November 27, 1933, Serial No. 699,861
5 Claims. (Cl. 248—21)

5. In a resilient machinery base, a machine platform for supporting a moving machine, a base, a plurality of flat springs removably mounted on said base and supporting said platform, and screw means for compressing certain of said springs to permit the removal thereof from said

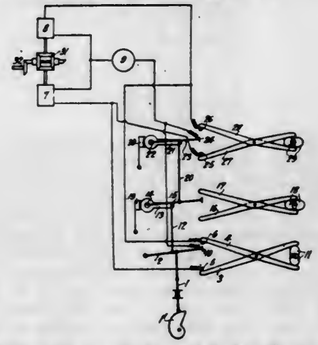


machinery base independently of the remaining springs.

2,064,752
PRESERVATION OF RUBBER
Joseph R. Ingram, Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
No Drawing. Application March 12, 1934, Serial No. 715,157
14 Claims. (Cl. 18—50)

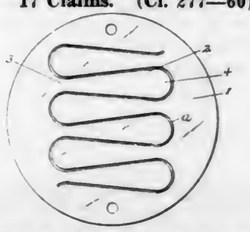
1. The method of preserving rubber which comprises treating rubber with a product obtainable by heating 2,2,4-trimethyl-dihydro-quinoline with a strong non-oxidizing mineral acid.

2,064,753
AUTOMATIC CONTROL APPARATUS
Alexander Ivanoff and Giles Philip Eliot Howard, Luton, England, assignors to George Kent Limited, London, England
Original application December 5, 1934, Serial No. 756,190. Divided and this application September 18, 1935, Serial No. 41,100. In Great Britain December 6, 1933
5 Claims. (Cl. 236—70)



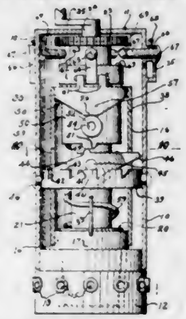
1. Automatic control mechanism for maintaining a variable condition at (or sensibly at) a predetermined value and comprising a first member, means operating to displace the first member in dependence on the extent of deviation of the condition, a second member, a third member, means operating normally to transmit movement from the first member to the second and third members, means operating periodically to displace the third member to a predetermined datum position independently of the first and second members, means operating thereafter to displace the second member to a predetermined datum position independently of the first member, the displacement of the second member being transmitted to the third member, means transmitting control impulses of a duration dependent upon the positions of the first and third members, a control device effecting regulation of the variable condition and an operating mechanism which integrates the control impulses and applies a regulation to the control device in dependence on the said integration.

2,064,754
VALVE
Edmund M. Ivens, New Orleans, La.
Application April 30, 1936, Serial No. 77,238
17 Claims. (Cl. 277—60)



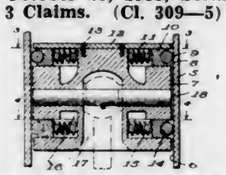
1. A valve plate having relatively movable dovetailing valve fingers.

2,064,755
PRESSURE LUBRICATION PUMP
Svend Older Jakobsen, Holevarde, near Haugesund, Norway
Application February 21, 1935, Serial No. 7,626
In Norway February 26, 1934
11 Claims. (Cl. 184—35)



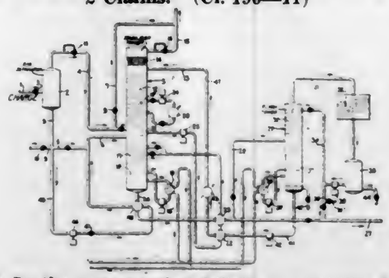
1. A liquid pump charge distributing device comprising a double expansion chamber pump device including means in one chamber operative for compression action while the other is operative for suction, means to operate the pump, means operatively connected with the pump including a valve operatively connected with the discharge of one expansible chamber only to distribute charges therefrom successively to a plurality of discharge points, and operatively connected to the other expansible chamber to deliver charges at respective view ports associated indicatively with respective discharge points.

2,064,756
PISTON BLOCK
Stanley J. Janeko, Detroit, Mich.
Application October 23, 1935, Serial No. 46,429
3 Claims. (Cl. 309—5)



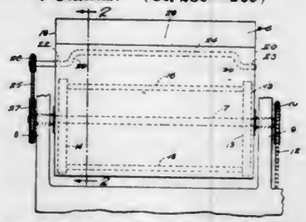
1. In combination with a cylinder having angularly disposed walls, of a piston operating in the cylinder having pockets in its side wall, roller bearings disposed in the pockets of said piston and tension means for moving said bearings into engagement with the walls of the cylinder.

2,064,757
PROCESS FOR THE TREATMENT OF HYDROCARBON OIL
Percival C. Keith, Jr., Peapack, N. J., assignor to Gasoline Products Co. Inc., Newark. N. J., a corporation of Delaware
Application July 26, 1934, Serial No. 737,012
2 Claims. (Cl. 196—11)



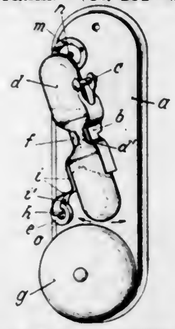
1. In the process of stabilizing unstabilized hydrocarbons wherein said hydrocarbons are introduced into an intermediate point in a zone wherein vapors pass upwardly countercurrent to downwardly flowing condensate, residual gas is removed from the upper point of said zone, a portion of unvaporized liquid is withdrawn from the base of the stabilizing zone as a desired stabilized product, the remaining portion of unvaporized liquid from the base of said stabilizing zone is introduced into a flashing zone of reduced pressure wherein vapors are separated from unvaporized liquid, the resulting unvaporized liquid is withdrawn from the flashing zone and introduced into an upper point in said stabilizing zone above the point of introduction of said unstabilized hydrocarbons as an absorbing medium therefor and vaporized fractions are removed from said flashing zone condensed and combined with the first portion of liquid withdrawn from the base of said stabilizing zone; the improvement which comprises passing unvaporized liquid withdrawn from said flashing zone in indirect heat exchange relation with liquid oil withdrawn from said zone first mentioned prior to the introduction of said unvaporized liquid into said stabilizing zone as an absorption medium and subsequently returning said last-named liquid oil to said first-mentioned zone.

2,064,758
DOUGH MIXER
William G. Kirchhoff, Cincinnati, Ohio, assignor to The J. H. Day Company, Cincinnati, Ohio, a corporation of Ohio
Application May 6, 1935, Serial No. 19,916
7 Claims. (Cl. 259—109)



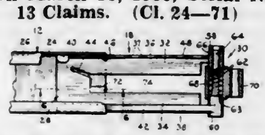
1. In an apparatus for mixing dough and the like, the combination of a mixing tank, a rotating agitator within the tank and movable about a horizontal axis for mixing the dough, a dough stretching and kneading element supported upon a bearing whose axis is parallel to and spaced from the agitator axis, for movement within the tank and power-actuated to approach and recede from the agitator during the mixing operation, and means for actuating said element at an angular speed of rotation at least twice that of rotation of the agitator, to apply to the dough mass a short quick directional impelling force.

2,064,759
MINUTE SAND GLASS
Erwin Koester, Bergnenstadt, Germany
Application January 10, 1935, Serial No. 1,242
In Germany January 10, 1934
1 Claim. (Cl. 161—23)



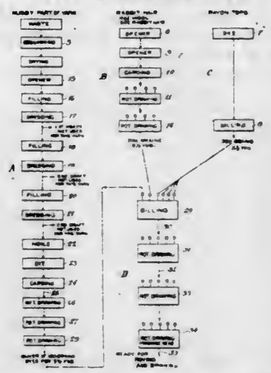
A minute sand glass, comprising, in combination, a wall plate, an oblong sand vessel which is contracted in its middle portion, a holder for said vessel and being coupled therewith at said contracted portion, a bell attached to said wall plate, a resilient arm extending from said holder and provided at its free end with a clapper for acting on the said bell when the sand vessel is being tilted, a pin from which said holder and the said vessel are suspended and which serves as a fulcrum for these members, an eccentrically supported disk bearing indicia indicating periods of time and being so arranged with respect to said holder as to retain it in a predetermined angular position.

2,064,760
EXTENSIBLE CONNECTER
Jacques Kreisler, New Rochelle, and Leslie Kreisler, New York, N. Y., assignors to Jacques Kreisler Sales Corporation, New York, N. Y., a corporation of New York
Application March 13, 1936, Serial No. 68,604
13 Claims. (Cl. 24—71)



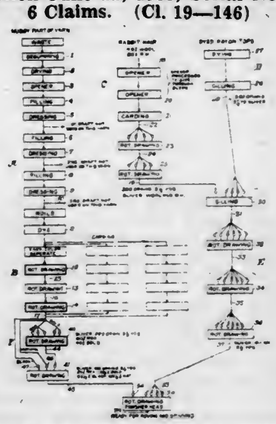
2. An extensible connecter for wrist watches, bracelets, wrist bands and the like, comprising a plurality of sections pivotally connected together in foldable relation, one of said sections comprising two members slidably adjustable endwise, one upon the other, one of said slidable members having relatively movable side portions extending lengthwise of the other of said members, one of said side portions comprising a ratchet engageable with a detent on said other member and movable with one of said side portions laterally of said other member at a point beyond one end of the latter for disengaging said ratchet from said detent.

2,064,761
YARN AND METHOD OF PRODUCING THE SAME
Edgar J. Lownes, Jr., and Miles O. Gibson, Providence, R. I., assignors to American Silk Spinning Co., Providence, R. I., a corporation of Rhode Island
Application June 17, 1935, Serial No. 27,094
6 Claims. (Cl. 19—146)



4. The method of forming a yarn of silk, wool, rabbit's hair and rayon, consisting in forming a sliver of rayon, forming a sliver of wool and rabbit's hair of substantially the same weight as the sliver of rayon, forming silk noils from a supply of silk fiber, forming a sliver of silk noils of approximately one-half the weight per yard as the rayon sliver, forming a mixed sliver of the rayon, silk and wool and rabbit's hair slivers, and finally subjecting the mixed sliver to the action of a drawing machine until the mixed sliver is of a desired weight per yard.

2,064,762
METHOD OF PRODUCING YARN
Edgar J. Lownes, Jr. and Miles O. Gibson, Providence, R. I., assignors to American Silk Spinning Co., Providence, R. I., a corporation of Rhode Island
Application June 22, 1935, Serial No. 28,005
6 Claims. (Cl. 19—146)



2. The method of forming a yarn of silk noils, wool, rabbit's hair and rayon tops, consisting in separately forming a sliver of silk noils, a sliver of rabbit's hair and wool, and a sliver of rayon

tops, then forming a strand from the slivers of wool, rabbit's hair and rayon tops, then forming a single roving strand from the mixed strands of wool, rabbit's hair and rayon tops and a strand of silk noils, and finally spinning said single strand.

2,064,763

RUBBER DERIVATIVE

Thomas C. Morris, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

No Drawing. Application October 21, 1933, Serial No. 722,816
2 Claims. (Cl. 260—1)

1. The improvement in the method of producing a condensation derivative of rubber from a rubber solution by the action of the halide of an amphoteric metal which comprises utilizing aqueous hydrochloric acid and the halide of an amphoteric metal in the reaction, bringing the solution to a boil in the presence of the hydrochloric acid and at least a portion of the water, completing the action of the halide of the amphoteric metal after the solution has been brought to a boil, and having the hydrochloric acid in the reaction mixture at that stage of the heating at which the halide of the amphoteric metal would first react on the rubber if the hydrochloric acid were not present.

2,064,764

STENCIL SCREEN

Harry E. Playford and Robert H. Hoge, Huntington, W. Va., and Carroll Cone, Alton, Ill., assignors to Owens-Illinois Glass Company, a corporation of Ohio

No Drawing. Application December 20, 1935, Serial No. 55,408
18 Claims. (Cl. 41—38.6)

18. The process of preparing a cured stenciling screen of predetermined thickness which comprises immersing a sheet of gelatin of uniform predetermined thickness of from 16 to 20 thousandths of an inch in a liquid sensitizing solution, soaking the same until soft, juxtaposing in register to said sheet of gelatin a screen mesh of from #12 to #16 gauze weave, lifting said gelatin and said screen mesh in juxtaposition out of solution, brushing said resulting screen to obtain a smooth contact therebetween, causing said screen to dry, exposing the sensitized gelatin to the action of light in a predetermined pattern, dissolving and removing the portions of said gelatin unaffected by light, and then curing the resulting screen by an application of an aqueous glycerine solution.

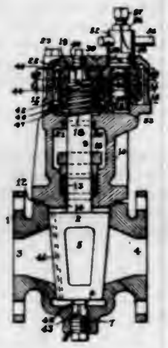
2,064,765

AUTOMATIC LIFT VALVE

Clarence E. Powell, Emsworth, John W. Force, Aliquippa, and Frank W. Ofeldt, McKeesport, Pa., assignors to Homestead Valve Manufacturing Company, Coraopolis, Pa., a corporation of Pennsylvania

Application August 19, 1932, Serial No. 629,408
3 Claims. (Cl. 251—97)

1. In means for imparting rotary and axial movements to the valve member of a lift valve, said valve member being provided with a threaded portion, the combination of a threaded gear screwed on said threaded portion, a second gear rotating with the valve member, a third gear threaded and screwed on the first named gear on a thread the reverse of that on the valve member, and driving means meshing with the three gears, the third named gear being continuously in mesh with the driving means while the



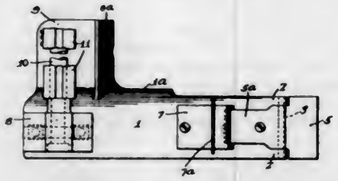
first and second named gears are intermittently in mesh with said driving means.

2,064,766

CENTRIFUGAL DISCHARGER

Eugene Roberts, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah, a corporation of Utah

Application July 22, 1935, Serial No. 32,538
6 Claims. (Cl. 210—70)



1. In a discharger device for unloading a centrifugal basket the combination of a horizontally disposed plow, plow supporting and operating means comprising a lifting rack and spindle suitably connected with the rear portion of the plow, means for protecting the rack and spindle from contact with the loosened material comprising a deflector extended upwardly a substantial distance above the plow to overlap the rack and spindle, said deflector comprising two angularly disposed portions whose apex extends upward forwardly of the spindle whereby material overflowing the top of the plow is deflected to the outside of the plow.

2,064,767

CONTAINER

Herman R. Thies, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

No Drawing. Application October 21, 1933, Serial No. 694,643
4 Claims. (Cl. 18—59)

1. A container for aqueous compositions for human consumption which comprises a joint of two molded pieces of a condensation derivative of rubber, a projection on one of the pieces being fitted into a depression in the other at the joint, and the two pieces being cemented together with said rubber derivative.

2,064,768

ELECTRICAL INSULATION

Herman R. Thies, Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

Application October 4, 1935, Serial No. 43,555
1 Claim. (Cl. 106—13)



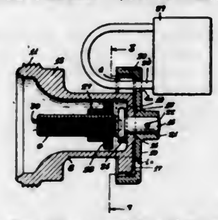
As electrical insulation between electrical conductors a substantially unoxidized chlorine-containing condensation derivative of rubber prepared by the treatment of rubber in solution with chlorostannic acid with subsequent decomposition of the addition product thus formed, said rubber derivative being substantially free from water soluble materials and having a surface resistivity of at least 10^{12} ohms per linear inch in an atmosphere of 90% relative humidity at 25° C.

2,064,769

VALVE

Wayne B. Thompson, Winchester, Mass., assignor to Spray Engineering Company, Somerville, Mass., a corporation of Massachusetts

Application December 7, 1933, Serial No. 701,269
11 Claims. (Cl. 70—125)



1. In a valve, the combination with a bonnet, provided with a plurality of openings, and a hand-wheel provided with a plurality of openings, each of which is registrable successively with the bonnet openings during an angular adjustment of the hand-wheel throughout 360°, and means for obtaining, during said angular adjustment, a plurality of different positions, in which a bonnet opening and a hand-wheel opening register, the number of which is the square of the number of openings in the hand-wheel, of means for locking the bonnet and the hand-wheel in their positions of opening registry.

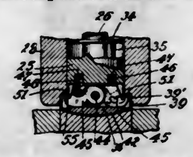
2,064,770

METHOD AND APPARATUS FOR MANUFACTURING BOTTLE CAPS

William Martin Vogel, Glen Ridge, N. J.

Application May 24, 1933, Serial No. 672,665
31 Claims. (Cl. 153—33)

1. The method of forming an interior bead and a projecting thread-engaging lug on a cap closure flange, which consists in bending the rim portion of the flange inwardly into the interior of the closure in proximity to the inner face of the flange, continuing the bending of the inbent portion until it assumes the form of a curled bead, and while continuing the bending applying a retarding force to a segment of the inbent portion by means at the underside thereof to give the retarded segment the form of a resilient thread-engaging lug incorporated in the bead.



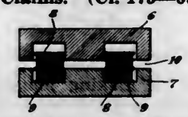
5. In apparatus of the character described, means for retaining a cap closure having an annular flange, a movable die member for inwardly bending the rim portion of the annular flange and shaped to form the inbent portion into a bead lying adjacent the inner face of the flange, an anvil movable within the outline of the flange into a position to be engaged by a segment of the rim portion, said die member having cooperation with the anvil concurrently with the shaping of the bead to press the segment into a projecting lug the proximate ends of which are integrally connected with the bead.

2,064,771

HIGH FREQUENCY COIL

Hans Vogt, Berlin-Dahlem, Germany, assignor to Ferrocart Corporation of America, New York, N. Y., a corporation of Delaware

Application June 8, 1933, Serial No. 674,247
In Germany February 6, 1933
16 Claims. (Cl. 175—356)



1. A highly selective radio frequency inductance element, having a high ratio of reactance to effective resistance, for use in tuned radio receiver circuits, resonant at frequencies above 150 k. c. including a ferro-magnetic core comprising magnetic powder having a particle volume smaller than $.6\times10^{-4}$ mm.^{3}, said magnetic particles being substantially insulated from one another and distributed throughout an insulating binder to provide a permeability higher than air but lower than 18, and a multi-turn multi-layer winding having a low capacity arrangement of turns and closely surrounding said core, and having an average length of turn not greater than 6 cm., the magnetic cross-section of the portion of said core within said winding not substantially exceeding 1.5 cm.^{2}, said winding being concentrated and having a radial depth sufficiently approximating its axial length, to accommodate the winding within a substantially minimum attainable length of magnetic flux produced by and encircling said winding.

2,064,772

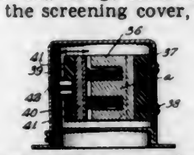
HIGH-FREQUENCY COIL WITH ADJUSTABLE INDUCTANCE VALUE

Hans Vogt, Berlin-Dahlem, Germany, assignor to Ferrocart Corporation of America, New York, N. Y., a corporation of Delaware

Application June 8, 1933, Serial No. 674,848
In Germany June 21, 1932
3 Claims. (Cl. 171—242)

1. A tuning coil for broadcast receivers comprising a screening cylinder, an E-shaped core,

a bobbin arranged on the medium limb of said core, a magnetic bridge and means for varying the distance of said bridge from said core from the outside of the screening cover, said core be-



ing tightly fixed to the circumference of said screening cylinder with its longitudinal direction parallel to the central axis of said screening cylinder and said magnetic bridge being elastically suspended at the opposite side of said cover.

2,064,773

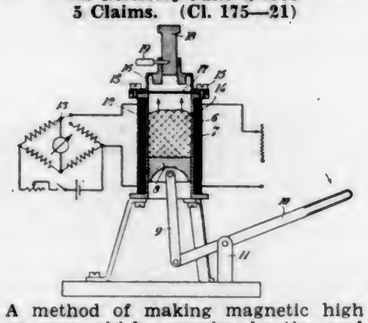
METHOD FOR MAKING MAGNETIC CORES

Hans Vogt, Berlin-Lichterfelde, Germany, assignor to Ferrocart Corporation of America, New York, N. Y., a corporation of Delaware

Application April 21, 1934, Serial No. 721,758

In Germany June 1, 1933

5 Claims. (Cl. 175—21)



1. A method of making magnetic high frequency cores, which comprises heating and intimately mixing magnetic powder and thermoplastic insulating binder, squirting a charge of the heated plastic mixture through a restricted aperture into a mold, solidifying the charge within the mold by cooling, and discharging the solid body from the mold.

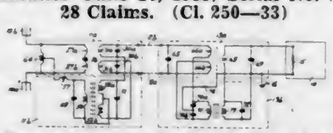
2,064,774

WAVE SIGNAL COLLECTING SYSTEM

Harold A. Wheeler, Great Neck, N. Y., assignor to Hazeltine Corporation, a corporation of Delaware

Application June 10, 1935, Serial No. 25,735

28 Claims. (Cl. 250—33)



17. In a wave-signaling system for translating signals of any frequency within a given band, the combination of a balanced antenna having an impedance varying substantially over said band, a balanced signal-translating device operative at frequencies in said band, and a band-pass filter interconnecting said antenna and said signal-translating device and proportioned to transfer balanced currents therebetween, said filter having an image impedance presented to said antenna of a geometric mean value approximating the geometric mean value of said antenna impedance over the band.

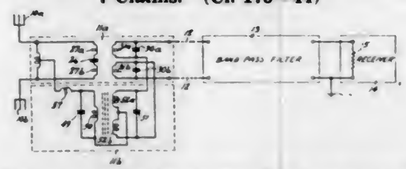
2,064,775

BAND-PASS FILTER

Harold A. Wheeler, Great Neck, N. Y., assignor to Hazeltine Corporation, a corporation of Delaware

Application June 10, 1935, Serial No. 25,736

7 Claims. (Cl. 178—44)



7. A composite band-pass filter comprising a pair of individual band-pass filters passing respectively two contiguous frequency bands and connected at one end to a common terminal circuit, each of said filters including a transformer provided with primary and secondary windings, a transformer winding of the higher band filter being divided into sections with the corresponding winding of the lower band filter being interposed therebetween, condensers connected individually across each of said higher band winding sections and across said lower band winding, whereby said higher band filter constitutes terminal reactance arms for said lower band filter, and the lower band filter constitutes the equivalent of a terminal reactance arm for said higher band filter, said transformer windings and associated condensers being proportioned to approximate a constant-k mid-shunt image impedance of a continuous-band filter over said contiguous bands.

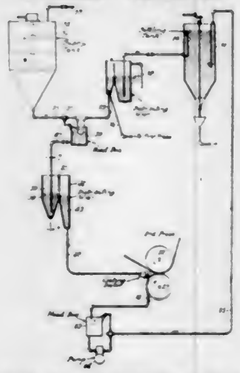
2,064,776

METHOD OF AND APPARATUS FOR MAINTAINING UNIFORMITY IN PAPER COATINGS

Alfred D. Wilkinson and John R. Fanselow, Appleton, Wis., assignors, by mesne assignments, to K. C. M. Company, Dayton, Ohio, a corporation of Delaware

Application July 31, 1933, Serial No. 682,926

6 Claims. (Cl. 91—49)



1. Apparatus for maintaining uniformity in a paper coating mixture containing an insoluble ingredient, comprising, in combination with a pair of press rolls, a supply trough associated with one of said press rolls, a supply tank for the coating mixture, a gravity flow line including a float-controlled head box leading from said tank to said trough, an overhead settling tank equipped with a sediment discharge device, an over-flow line including a head box leading from said trough to said settling tank, a pump in said over-flow line beyond and controlled by said last-named head box, and a flow line leading from said settling tank to said first-named head box.

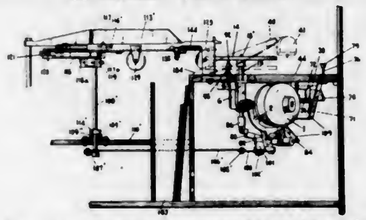
2,064,777

PHONOGRAPH

Arthur B. Winchell, Jackson, Mich.

Application April 26, 1930, Serial No. 447,480

63 Claims. (Cl. 274—10)



8. In phonographs, a rotatable table adapted to hold a record, means to rotate said table, a projection at one side of said table, a pick-up arm, means to lower said table, means to move said pick-up arm while the table is thus lowered, and means to further lower the table to bring the record into engagement with said projection and tilt the record above the table whereby the rotation of the table causes the record to roll therefrom, means to raise the said table above its normal playing position to receive a record, means to lower the said table below the normal playing position, means to move the pick-up arm towards the record, and means to raise the said table into normal playing position.

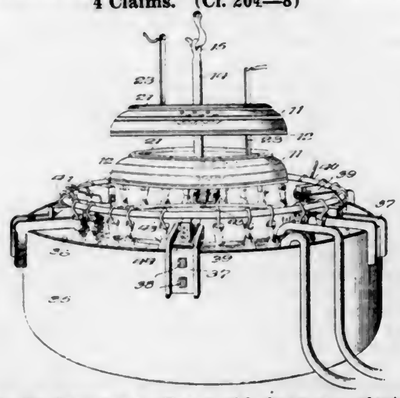
2,064,778

TIRE MOLD AND METHOD OF MAKING THE SAME

Ralph C. Bateman, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

Application April 21, 1934, Serial No. 721,793

4 Claims. (Cl. 204—8)



1. In forming a tire mold from an electrodeposited shell for the tread portion thereof and a mold frame which includes in addition to a surface to form the side wall, a cavity for the shell, the steps which comprise placing the shell so that one portion thereof is adjacent the side-wall surface in the frame, then bringing the shell into the position necessary to form the tire mold by drawing it over a removable jig and filling the space between the mold and shell.

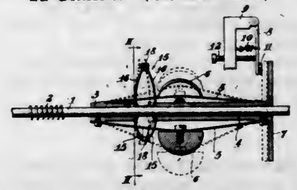
2,064,779

SPEED CONTROL DEVICE

Joseph A. Briggs, Erlton, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application May 16, 1934, Serial No. 725,869

11 Claims. (Cl. 188—187)



1. In a governor, a driving element, a driven element, and a coupling between said elements, said coupling being stiff in a direction circumferentially about said elements but being pliant in a direction axially of said elements.

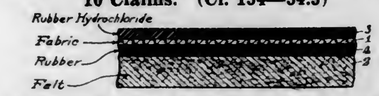
2,064,780

PRINTER'S BLANKET

William C. Calvert, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

Application August 18, 1933, Serial No. 685,723

10 Claims. (Cl. 154—54.5)



1. A printer's blanket which comprises a layer of rubber and has a flexible coating of a stabilized rubber hydrohalide to protect the rubber.

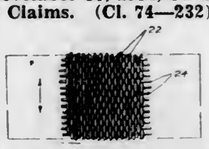
2,064,781

BELT

Harold E. Collins, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

Application November 30, 1934, Serial No. 755,421

9 Claims. (Cl. 74—232)



9. In a belt, the combination of a body and a body cover, said body cover including rubberized longitudinal cords in close side-by-side relation, said cords being twisted approximately 14% to 20% in excess of the twist necessary to achieve maximum tensile strength whereby the ability of the cover to resist high and periodic tension and compression forces without failure is greatly increased.

2,064,782

THIAZYL DERIVATIVES AND PROCESS OF MAKING

Howard I. Cramer, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

No Drawing. Application April 7, 1934, Serial No. 719,598

11 Claims. (Cl. 260—44)

1. An arylene thiazyl ester of a dithiocarbamic acid in which the nitrogen atom of the dithiocarbamic acid is substituted by a radical selected from the group consisting of cyclohexyl, decahydro naphthyl and tetrahydro naphthyl radicals, said arylene being a member of the benzene and naphthalene series.

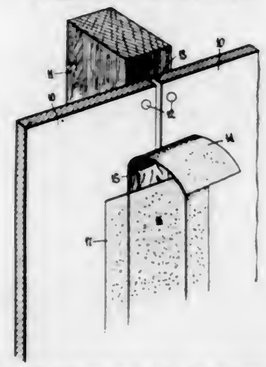
2,064,783
THIAZYL DERIVATIVES
Howard I. Cramer, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 11, 1934, Serial No. 720,100
10 Claims. (Cl. 260—44)

1. An arylene thiazyl ester of a dithiocarbamic acid in which the nitrogen atom of the dithiocarbamic acid group is substituted by a furfuryl radical, said arylene being a member of the benzene and naphthalene series.

2,064,784
THIAZYL-DITHIOCARBAMATES
Howard I. Cramer, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 14, 1934, Serial No. 752,988
9 Claims. (Cl. 260—44)

1. An arylene thiazyl ester of a dithiocarbamic acid in which the nitrogen atom of the dithiocarbamic acid group is substituted by a radical selected from the group consisting of tetrahydro furyl, tetrahydro furfuryl and beta tetrahydro furyl ethyl radicals, said arylene being a member of the benzene and naphthalene series.

2,064,785
SEALED JOINT
Dean D. Crandell, Buffalo, N. Y., assignor to National Gypsum Company, Buffalo, N. Y.
Application February 28, 1936, Serial No. 66,284
2 Claims. (Cl. 72—16)

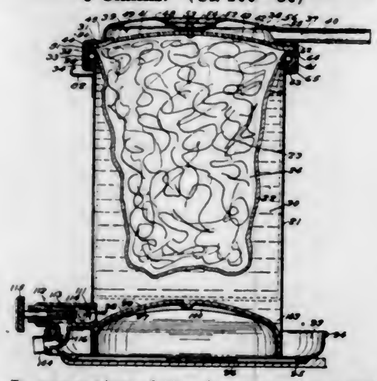


1. In a wall construction a supporting member, panels having edges attached to said supporting member to form a wall board joint, a tape of finely woven fabric placed over said joint, said tape being attached to the edges of adjacent panels by means of an elastic glue substantially impermeable to air and moisture, said glue permeating said tape throughout and a plastic cement finish over said tape.

2,064,786
DRYING OIL COMPOSITION
Harry M. Dent, Buffalo, N. Y., assignor to General Plastics, Inc., North Tonawanda, N. Y.
No Drawing. Original application February 29, 1932, Serial No. 595,970. Divided and this application April 15, 1935, Serial No. 16,511
12 Claims. (Cl. 260—2)

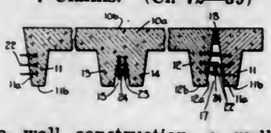
1. The process of making a varnish from a drying oil and substantially pure p-dihydroxy diphenyl ethane which comprises heating a reaction mixture consisting essentially of the oil and the ethane derivative together in the neighborhood of 450 to 550° F., until a homogeneous liquid mass is produced as a reaction product which does not separate upon cooling.

2,064,787
LIQUID EXPRESSER
Louis F. Ducker, Mariemont, Ohio, assignor to Charles H. C. Van Pelt and Richard A. Kaps, Cincinnati, Ohio, and Louis F. Ducker, as trustees
Application March 16, 1931, Serial No. 522,981
6 Claims. (Cl. 100—50)



2. In apparatus of the character described, the combination of a tank having a mouth provided with a marginal bead, a flexible bag in said tank having a mouth provided with a hollow marginal bead received about said bead of said tank and with a resisting part under said bead of said tank, a cover for said mouths having a marginal portion, and connecting means between said marginal portion and said resisting part for attaching said cover to said tank.

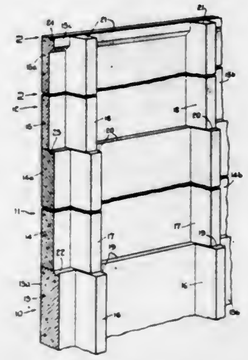
2,064,788
WALL CONSTRUCTION
Herbert Alfred Faber, Cincinnati, Ohio
Application December 12, 1935, Serial No. 54,044
7 Claims. (Cl. 72—39)



1. In a wall construction, a wall structure comprising a plurality of pre-shaped building units end to end vertically and/or side by side horizontally, said units including, respectively, flanged elements extending therefrom in spaced relation to one another, the individual flange elements of adjacent units being aligned vertically to form sets of related studs running from bottom to top of said wall structure; and means for joining and bonding together the related studs of each set to form a single stud, said single studs effectively tying individual units together and weather sealing all vertical joints between related studs in the wall structure.

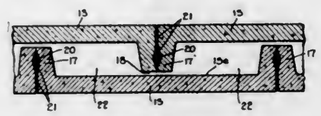
2,064,789
BUILDING CONSTRUCTION
Herbert Alfred Faber, Cincinnati, Ohio
Application December 19, 1935, Serial No. 55,175
5 Claims. (Cl. 72—16)

1. In a building construction, a wall structure comprising a body portion having studs integral therewith and extending from a face of same, the body portion of said wall structure decreasing in thickness vertically in step formation from bottom to top of same and along said face providing a plurality of substantially horizontal



ledges, grooves defined lengthwise respectively in respective horizontal ledges, and horizontally disposed component structure of the building construction provided with tongue members coordinating with said lengthwise grooves for supporting said horizontally disposed component structure upon said ledges.

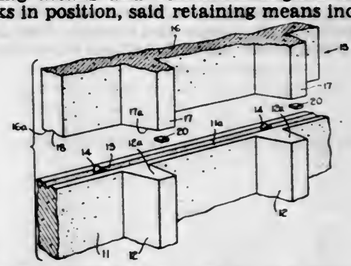
2,064,790
WALL CONSTRUCTION
Herbert Alfred Faber, Cincinnati, Ohio
Application January 30, 1936, Serial No. 61,450
6 Claims. (Cl. 72—39)



1. A wall construction comprising two substantially co-extensive wall sections disposed in spaced opposing relation to each other, and composite studs therebetween, each of said composite studs including stud elements integral respectively and alternately with one or the other of said wall sections, and extending from the inner face of same, the extending stud elements overlapping mutually from bottom to top of said wall to provide zones of stud continuity between the two wall sections, and means extending through the length of said zones of stud continuity for tying together the individual stud elements and therewith the two wall sections.
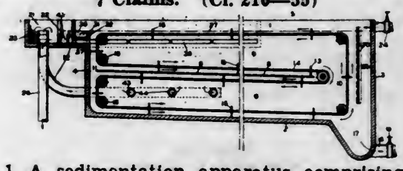
2,064,791
METHOD OF ASSEMBLING BLOCKS AND STRUCTURE RESULTING THEREFROM
Herbert Alfred Faber, Cincinnati, Ohio
Application March 27, 1936, Serial No. 71,151
4 Claims. (Cl. 72—39)

1. An improved building structure of aligned component building blocks, comprising a plurality of mutually superposed building blocks, ball bearing means interposed between adjacent building blocks to afford desired aligning of correlated building blocks, and means for retaining said ball bearing means and correlated aligned building blocks in position, said retaining means including



elements inserted in the clearance between correlated adjacent building blocks.

2,064,792
SEDIMENTATION APPARATUS
Anthony J. Fischer, Jackson Heights, N. Y., assignor to The Dorr Company, Inc., New York, N. Y., a corporation of Delaware
Application October 11, 1935, Serial No. 44,538
7 Claims. (Cl. 210—55)

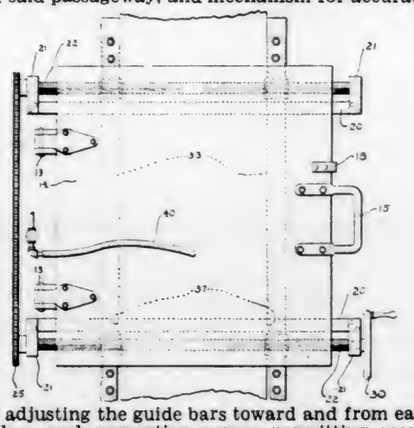


1. A sedimentation apparatus comprising in combination a rectangular tank having a bottom constructed so as to provide a solids receiving section at the feed receiving end of the tank, upstanding walls, and a relatively horizontal partition extending from side wall to side wall but at least at one end terminating short of the tank end whereby the interior of said tank is divided into settling sections arranged one above another and in direct communication with each other; means for supplying liquid-solids mixture to be clarified to the upper interior portion of the feed receiving section of the tank; means for withdrawing settled solids from said solids receiving section; an apertured partition that extends substantially from side wall to side wall of the tank and from the upper interior portion of the tank and substantially downwardly within the tank; an endless solids raking conveyor having an upper and a lower sludge engaging operating strand, which strands extend respectively above and below said horizontal partition, both said strands effective to scrape and convey settled sludge along the respective settling area of a respective settling section ultimately to and into said solids receiving section; individual effluent conduit means arranged to receive individually supernatant liquid from each of said settling sections respectively, each of which effluent conduit means has an overflow section which is regulatable for adjustably controlling the amount of liquid withdrawal from one settling section relative to the amount of liquid withdrawal from the other.

2,064,793
FABRIC CENTERING APPARATUS
Joseph P. Griggs, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
Application May 25, 1932, Serial No. 613,575
4 Claims. (Cl. 271—2.6)

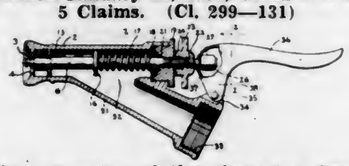
1. In apparatus of the class described, a pair of relatively spaced normally parallel plates de-

fining between them a straight passageway for a travelling web material, a pair of guide bars disposed between the plates and forming side limits of said passageway, and mechanism for accurate-



ly adjusting the guide bars toward and from each other, and supporting means permitting movement of one of said plates with reference to the other whereby to completely uncover said passageway and guide bars.

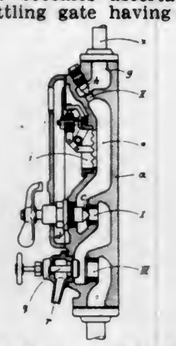
2,064,794
VALVED NOZZLE
Carl W. Klauminzer, Rocky River, Ohio; Florence A. Klauminzer, administratrix of said Carl W. Klauminzer, deceased
Application January 11, 1934, Serial No. 706,248
5 Claims. (Cl. 299—131)



1. An apparatus of the character described, having in combination a hollow casing formed substantially in the shape of a Y, a valve seat in said casing adjacent its forward end, a movable valve structure enclosed within said casing and supported substantially entirely at its rearward end and having a guide member near its forward end reciprocating therewith, a member on said movable valve structure projecting rearwardly from said casing, a spring for actuating said valve structure mounted adjacent its rearward end and housed in one leg of the Y and substantially out of the fluid path when the valve is retracted, and independent means disposed externally of said casing for engaging said projecting member of said valve structure for retracting the same.

2,064,795
CONTROLLING DEVICE FOR WATER RETURNED TO BOILERS
Gustav Friedrich Gerdts, Bremen, Germany
Application February 2, 1935, Serial No. 4,614
In Germany February 17, 1934
1 Claim. (Cl. 73—51)

In a device for controlling the return flow of boiler water comprising in a casing, a chamber, a throttling gate for passing predetermined variable quantities of the returning boiler water into the chamber, a second throttling gate for regulating the outflow from the chamber at predeterminedly reduced variable pressures, means for indicating such variations of the pressure within the chamber so that thereby any clogging of any throttling gate becomes ascertainable and an auxiliary throttling gate having a plunger-like



valve member and two coaxial seats for the same one opposite the other, so that predetermined variable quantities of water may be discharged from the device before entering the chamber, independent of the quantity of the water entering the chamber.

2,064,796
TOOL FOR METAL CUTTING MACHINES
Charles B. Gray, Milbourne, Pa.
Application April 24, 1936, Serial No. 76,245
12 Claims. (Cl. 164—124)



1. A tool for a nibbling or cutting machine of the reciprocatory punch type comprising a cylindrical body having a cutting face and a depending pilot; said cutting face intersecting the body surface to provide an arcuate cutting edge whose ends are separated by the pilot; and said pilot being bounded by the body cylindrical surface at the back and by surfaces which converge downwardly relatively and with respect to the back surface, whereby the pilot has feed limiting and centering guide edges which converge downwardly and has its front face extending downwardly and rearwardly in the axial plane of the body bisecting the cutting edge.

2,064,797
PRODUCTION OF ORGANIC AMINO COMPOUNDS
Hermann Holsten, Ludwigshafen-on-the-Rhine, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort - on - the - Main, Germany
No Drawing. Application July 7, 1931, Serial No. 549,307. Renewed July 24, 1934. In Germany July 21, 1930
25 Claims. (Cl. 260—127)

1. The process for the production of organic amino compounds which comprises heating an

ammonia base with an ester of a polybasic oxygen-bearing mineral acid and an aliphatic alcohol containing more than 5 carbon atoms.

17. A mixture of different amines each of which corresponds to the formula

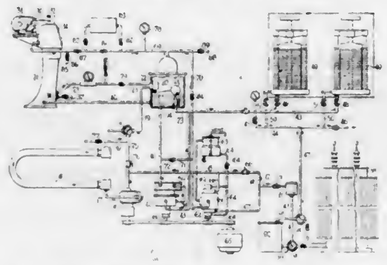


wherein X represents a radicle of an aliphatic alcohol boiling between about 90° and about 160° C. at 15 millimeters mercury gauge, Y is one of the group consisting of a radicle of an aliphatic alcohol boiling between about 90° and about 160° C. at 15 millimeters mercury gauge, a low alkyl radicle and an alkylol radicle and Z is one of the group consisting of hydrogen, a straight chain low alkyl radicle, a cycloalkyl radicle and a low alkylol radicle.

22. Monoethanol-octodecylamine.

25. A mixture of different amines each of which corresponds to the formula X—NH—$CH_2.CH_2OH$, wherein X represents an unsaturated aliphatic radicle containing at least 6 carbon atoms.

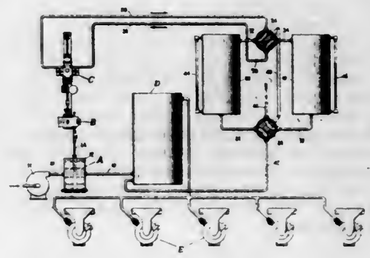
2,064,798
APPARATUS FOR PURIFICATION OF OIL
Leo D. Jones, Philadelphia, Pa., assignor to The Sharples Specialty Company, Philadelphia, Pa., a corporation of Delaware
Application March 25, 1932, Serial No. 601,105
6 Claims. (Cl. 233—13)



1. A centrifugal separator including a casing, a centrifugal rotor within said casing having an opening through which liquid is adapted to be discharged in a dispersed condition, the interior of said casing affording a chamber in the neighborhood of the discharge zone having an elongated sloping wall surrounding the rotor along the major portion of its length and adapted to receive the liquid discharged from said rotor and convey it in a thin film for a substantial distance, and means for conditioning the atmosphere within said casing, whereby to afford intimate contact between the liquid and conditioned atmosphere during the flow of said liquid along said elongated wall.

2,064,799
LIQUID IMPELLING SYSTEM
Leo D. Jones, Philadelphia, Pa., assignor to The Sharples Specialty Company, Philadelphia, Pa., a corporation of Delaware
Application September 30, 1935, Serial No. 42,836
8 Claims. (Cl. 137—165)

1. A system for effecting proportionate feed of two or more liquids comprising in combination, a controlling conduit through which one of said liquids is adapted to be fed, means for feeding liquid in said controlling conduit, a metering device associated with said controlling conduit, an impeller, means for controlling the operation of said impeller by the operation of said metering device, a conduit containing a displacing liquid interconnected with said impeller, two containers for controlled liquid interconnected with said last mentioned conduit by valve means, means for selectively actuating said valve means to place one or the other of said containers in communica-



tion with said last mentioned conduit, a conduit interconnected with each of said containers and through which controlled liquid is adapted to be fed under the impelling effect of the displacing liquid, valve means interconnecting each of said containers with said controlled liquid conduit and means for selectively actuating said last mentioned valve means for placing one or the other of said containers selectively into communication with said controlled liquid conduit.

2,064,800
METHOD OF MAKING PLASTERBOARD
Hans O. Kauffmann and Dean D. Crandell, Buffalo, N. Y., assignors to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y.
No Drawing. Application January 27, 1933, Serial No. 653,929
28 Claims. (Cl. 154—2)

1. The process of preparing fibrous material for use in the manufacture of porous building material which comprises beating a quantity of fibrous material with a liquid chemically inert to the fiber to form a pulp, adding a predetermined quantity of a potentially active hydrogen peroxide decomposing agent to the pulp and distributing it therewith, and adding a predetermined quantity of a peroxide to the bath while maintaining the acidity of the bath within a range where no substantial evolution of oxygen from the peroxide occurs.

10. The method of manufacturing porous building material which comprises mixing a fibrous pulp containing a potentially active peroxide decomposing agent and a peroxide, with a cementitious material and rendering the peroxide decomposing agent active.

19. The process of manufacturing porous wall board which comprises preparing a pulp from fibrous material and water, adding hydrogen peroxide to said pulp, incorporating a potential hydrogen peroxide decomposing agent to said pulp, mixing said pulp with a cementitious material capable of setting upon the addition of water thereto, adding a material to the mixture of pulp and cementitious material capable of rendering the potential agent active whereby oxygen is evolved from the hydrogen peroxide, molding said mixture upon a lower fibrous sheet, and impressing an upper fibrous sheet thereon.

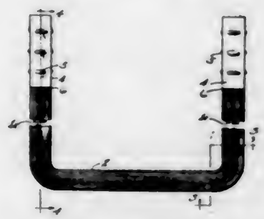
2,064,801
ELASTIC YARN AND METHOD OF MAKING THE SAME
Fayette D. Chittenden, Providence, R. I., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application June 14, 1935, Serial No. 26,617
3 Claims. (Cl. 117—21)

1. The method of making elastic yarn fine enough to knit in a fine gauge knitting machine which comprises tensioning an elastic core, forming an inner cover upon the core by revolving about the core a supply of single end of singles low twist yarn so as to greatly increase its twist and strength during the winding operation and upon the core, forming an outer cover over said inner cover by revolving in the opposite direction about the core a supply of single end singles high twist yarn to thereby untwist the yarn until it approaches a rovinglike condition and spirally winding it over the inner cover to form a soft outer cover, the twist of both yarns being in the same direction.

2,064,802
ADHESIVE COMPOSITION
Donald E. Edgar, New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 23, 1933, Serial No. 658,270
6 Claims. (Cl. 134—79)

1. A heat energizable cement comprising as essential ingredients nitrocellulose, a synthetic resin having a high coefficient of plasticity, and at least one solvent, said resin being present in such proportion that a film of the said cement when dry is substantially non-tacky at ordinary temperatures, is adhesive under a pressure of 50 lbs. to 10,000 lbs. per sq. in. at ordinary temperatures, is soft within the range of 130° C. to 150° C. and is adhesive under a pressure of 2 lbs. to 15 lbs. per sq. in. within the range of 130° to 150° C.

2,064,803
WALL STEP
Claire W. Grove, Cleveland, Ohio
Application August 23, 1933, Serial No. 686,470
Renewed April 30, 1936
8 Claims. (Cl. 72—100)



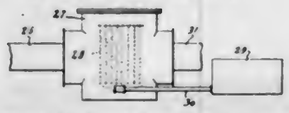
7. A step of the character described comprising a rigid weight supporting bar, a rubber casing enveloping the bar intermediate the end portions of the bar and sealed to exclude atmosphere therefrom, sleeves of rust resisting material on the end portions of said bar and substantially abutting the ends of said rubber casing, the joint between the sleeves and casing being sealed to exclude outside atmosphere from the portion of the bar covered by said sleeves and casing.

2,064,804
SILK YARN
Edgar J. Lownes, Jr., and Miles O. Gibson, Providence, R. I.
Application December 20, 1934, Serial No. 758,351
10 Claims. (Cl. 117—52)



1. A spun silk yarn having a multi-colored mottled appearance consisting of strands of colored long-fiber dressed silk, and a strand of colored partly carded silk noils, said strands being twisted together and the uncarded part presenting tufts sticking out at spaced intervals.

2,064,805
HEATING AND ILLUMINATING GAS AND METHOD OF MAKING SAME
William H. Hampton and John T. Rutherford, Berkeley, Calif., assignors to Standard Oil Company of California, San Francisco, Calif., a corporation of Delaware
Application December 17, 1929, Serial No. 414,817
16 Claims. (Cl. 48—105)



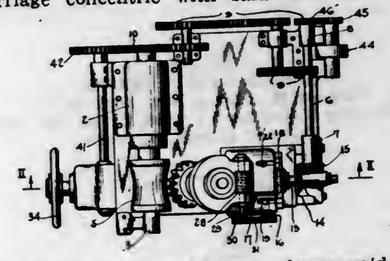
1. A gaseous hydrocarbon fuel having a distinctive and penetrating odor and incapable of producing skin irritation, lachrymation or other undesirable physiological action, said gas fuel being substantially odorless when burned and containing about three gallons per million cubic feet of gas of a volatilized organic oil soluble product having a boiling point range of between 100° F. and 600° F., said product being substantially free of sulfur dioxide and containing organic cyclic sulfides, the effective odorizing constituents of said oil soluble product comprising principally organic cyclic sulfides of the saturated ring heterocyclic type containing three or more carbon atoms and sulfur as a hetero-atom.

16. In a method of producing a heating and illuminating gas having a distinctive signal odor but being substantially odorless when burned, the steps of: vaporizing an oil containing organic cyclic sulfides of the saturated ring heterocyclic type containing three or more carbon atoms and sulfur as a hetero-atom in the gaseous fuel in quantities sufficient to impart a distinctive signal odor to said gas, said odor being distinguishable from the odor of common mercaptans, said oil having a distillation range of between 100° F. and 600° F., a total sulfur content of more than 2%, and being substantially free from sulfur dioxide, the effective odorizing constituents of the oil comprising principally the said organic cyclic sulfides.

CARNEGIE LIBRARY OF ATLANTA

2,064,806
MEANS FOR CUTTING GEARS
Homer C. Warner, Cleveland, Ohio, assignor to The Lees-Bradner Company, Cleveland, Ohio, a corporation of Ohio
Application July 7, 1930, Serial No. 465,837
3 Claims. (Cl. 90—4)

1. A machine tool comprising a bed, bearings carried thereby, a horizontal work spindle supported by said bearings, a drive shaft parallel to said work spindle also journalled on said bed, a carriage slidable upon horizontal ways formed on the bed in a direction normal to the axis of the work spindle, a shaft journalled in said carriage, a gear splined to said shaft and connecting it to a gear fixed to the drive shaft, a second shaft carried by the carriage and parallel to the work spindle driven by the first mentioned shaft of the carriage, an arcuate supporting wall on the carriage concentric with said last mentioned

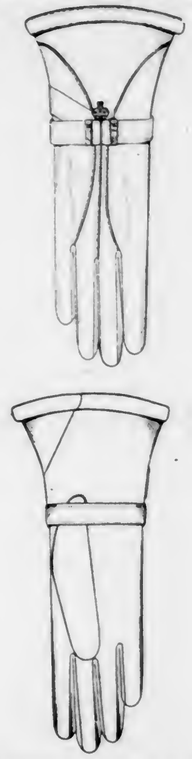


shaft, a carrier adjustably secured upon said wall, bearings on said carrier, a tool spindle supported by said bearings, and gearing between the last mentioned shaft and the tool spindle.

DESIGNS

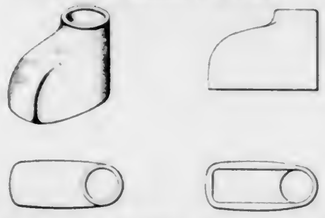
DECEMBER 15, 1936

102,314
DESIGN FOR A GLOVE
Carleton B. Adams, New York, N. Y.
Application November 17, 1936, Serial No. 65,969
Term of patent 3½ years



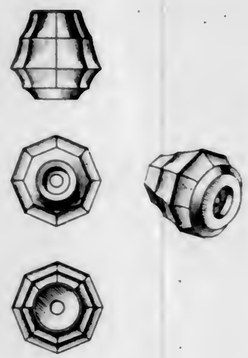
The ornamental design for a glove, substantially as shown.

102,315
DESIGN FOR A CASTER HOUSING
Niels Yde Andersen, Kenmore, N. Y.
Application June 3, 1936, Serial No. 62,995
Term of patent 3½ years



The ornamental design for a caster housing as shown.

102,316
DESIGN FOR A DRAWER KNOB OR SIMILAR ARTICLE
William A. Anderson, Los Angeles, Calif.
Application September 8, 1936, Serial No. 64,763
Term of patent 3½ years



The ornamental design for a drawer knob or similar article, as shown.

102,317
DESIGN FOR A DRAWER KNOB
William A. Anderson, Los Angeles, Calif.
Application September 8, 1936, Serial No. 64,764
Term of patent 3½ years



The ornamental design for a drawer knob, as shown.

102,318
DESIGN FOR A DRAWER PULL OR SIMILAR ARTICLE
William A. Anderson, Los Angeles, Calif.
Application September 8, 1936, Serial No. 64,765
Term of patent 3½ years



The ornamental design for a drawer pull or similar article, as shown.

102,319
DESIGN FOR A DRAWER PULL
William A. Anderson, Los Angeles, Calif.
Application September 8, 1936, Serial No. 64,766
Term of patent 3½ years



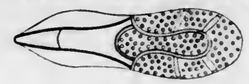
The ornamental design for a drawer pull, as shown.

102,320
DESIGN FOR A SHOE
Benjamin Benjamin, Freeport, N. Y.
Application November 13, 1936, Serial No. 65,880
Term of patent 3½ years



The ornamental design for a shoe, substantially as shown and described.

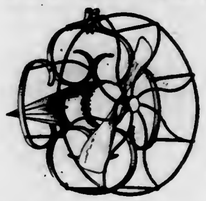
102,321
DESIGN FOR A SHOE
Benjamin Benjamin, Freeport, N. Y.
Application November 13, 1936, Serial No. 65,881
Term of patent 3½ years





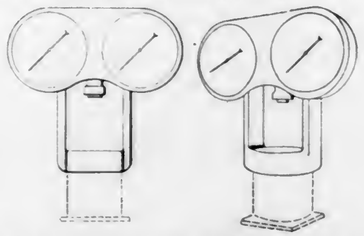
The ornamental design for a shoe substantially as shown.

102,322
DESIGN FOR A CIRCULATING FAN
Ernest A. Camp and Paul J. Camp, Weatherford, Tex.
Application October 10, 1936, Serial No. 65,250
Term of patent 7 years



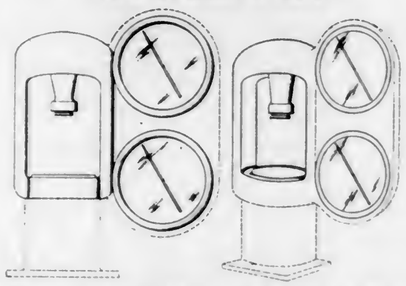
The ornamental design for a circulating fan, as shown.

102,323
DESIGN FOR A MATERIALS TESTING MACHINE
Richard W. Dinzl, Narberth, Pa., assignor to Baldwin-Southwark Corporation, a corporation of Delaware
Application April 9, 1935, Serial No. 56,279
Term of patent 14 years



The ornamental design for a materials testing machine, substantially as shown and described.

102,324
DESIGN FOR A MATERIALS TESTING MACHINE
Richard W. Dinzl, Narberth, Pa., assignor to Baldwin-Southwark Corporation, a corporation of Delaware
Application May 1, 1935, Serial No. 56,643
Term of patent 14 years



The ornamental design for a materials testing machine substantially as shown.

102,325
DESIGN FOR A SHOE
Walter Ebling, Rochester, N. Y.
Application November 14, 1936, Serial No. 65,904
Term of patent 3½ years





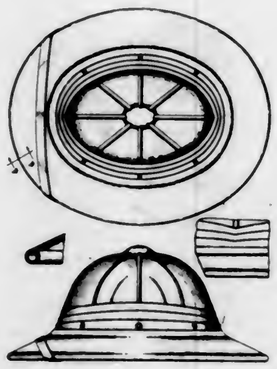
The ornamental design for a shoe substantially as shown.

102,326
DESIGN FOR A PAIR OF GOGGLES OR SIMILAR ARTICLE
Arthur E. Euler, Oakland, Calif.
Application May 8, 1936, Serial No. 62,557
Term of patent 14 years



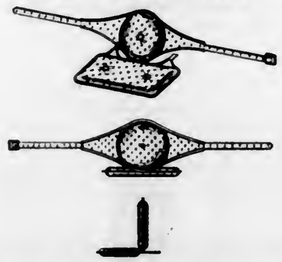
The ornamental design for a pair of goggles or similar article, as shown and described.

102,327
DESIGN FOR A HAT
William C. Gray, St. Charles, Ill., assignor to Jesse B. Hawley, Geneva, Ill.
Application October 4, 1935, Serial No. 58,832
Term of patent 14 years



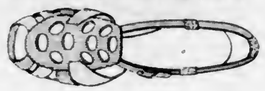
The ornamental design for a hat substantially as shown.

102,328
DESIGN FOR A CHAIR CUSHION PAD
Carl Hanna, New York, N. Y.
Application August 27, 1936, Serial No. 64,592
Term of patent 7 years



The ornamental design for a chair cushion pad, as shown.

102,329
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Nathan Kenneth Kean, New York, N. Y.
Application November 7, 1936, Serial No. 65,764
Term of patent 3½ years





The ornamental design for a shoe or similar article, substantially as shown.

102,330
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Nathan Kenneth Kean, New York, N. Y.
Application November 7, 1936, Serial No. 65,765
Term of patent 3½ years





The ornamental design for a shoe or similar article, substantially as shown.

102,331
DESIGN FOR A SHOE
Adolph A. Kotzin, Chicago, Ill.
Application November 14, 1936, Serial No. 65,902
Term of patent 3½ years





The ornamental design for a shoe substantially as shown.

102,332
DESIGN FOR A COMBINED FLORAL STAND AND POT
Max Manenty, Niagara Falls, N. Y.
Application March 21, 1936, Serial No. 61,717
Term of patent 14 years



The ornamental design for a combined floral stand and pot, as shown.

102,333
DESIGN FOR A DRAWER PULL
Arthur N. Nyquist, Rockford, Ill., assignor to Anderson Brass Shops, Inc., Rockford, Ill., a corporation of Illinois
Application October 15, 1936, Serial No. 65,306
Term of patent 3½ years



The ornamental design for a drawer pull, substantially as shown.

102,334
DESIGN FOR A DRAWER PULL
Arthur N. Nyquist, Rockford, Ill., assignor to Anderson Brass Shops, Inc., Rockford, Ill., a corporation of Illinois
Application October 16, 1936, Serial No. 65,326
Term of patent 3½ years



The ornamental design for a drawer pull, substantially as shown.

102,335
DESIGN FOR A SHOE
Theodore Samuels, St. Louis, Mo.
Application November 14, 1936, Serial No. 65,900
Term of patent 3½ years



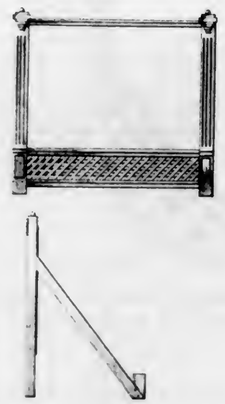
The ornamental design for a shoe substantially as shown.

102,336
DESIGN FOR A SHOE
Theodore Samuels, St. Louis, Mo.
Application November 14, 1936, Serial No. 65,901
Term of patent 3½ years



The ornamental design for a shoe substantially as shown.

102,337
DESIGN FOR A SIGNBOARD OR SIMILAR ARTICLE
Lee B. Sapp, Lexington, Ky.
Application July 28, 1936, Serial No. 64,105
Term of patent 14 years



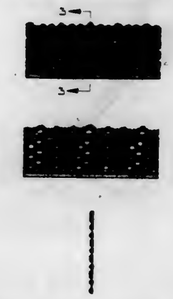
The ornamental design for a sign board or similar article, as shown.

102,338
DESIGN FOR A COMBINED BRACELET AND HANDKERCHIEF
David E. Schwab, New York, N. Y.
Application July 17, 1936, Serial No. 63,899
Term of patent 3½ years



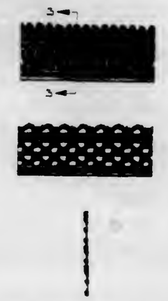
The ornamental design for a combined bracelet and handkerchief substantially as shown and described.

102,339
DESIGN FOR AN ELASTIC FABRIC
Raymond K. Siner, Wyomissing Hills, Pa., assignor to The Narrow Fabric Company, West Reading, Pa., a corporation of Pennsylvania
Application November 9, 1936, Serial No. 65,787
Term of patent 7 years



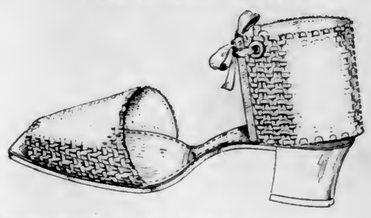
The ornamental design for an elastic fabric as shown and described.

102,340
DESIGN FOR AN ELASTIC FABRIC
Raymond K. Siner, Wyomissing Hills, Pa., assignor to The Narrow Fabric Company, West Reading, Pa., a corporation of Pennsylvania
Application November 9, 1936, Serial No. 65,788
Term of patent 7 years



The ornamental design for an elastic fabric as shown and described.

102,341
DESIGN FOR A SANDAL OR SIMILAR ARTICLE
Jacob Stein, New York, N. Y.
Application November 3, 1936, Serial No. 65,659
Term of patent 14 years



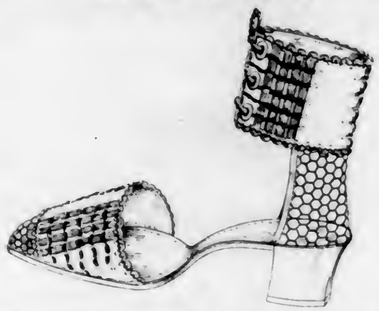
The ornamental design for a sandal or similar article, substantially as shown and described.

102,342
DESIGN FOR A SANDAL OR SIMILAR ARTICLE
Jacob Stein, New York, N. Y.
Application November 3, 1936, Serial No. 65,660
Term of patent 14 years



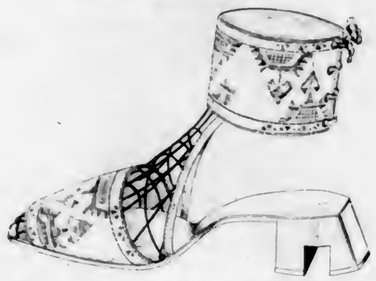
The ornamental design for a sandal or similar article substantially as shown and described.

102,343
DESIGN FOR A SANDAL OR SIMILAR ARTICLE
Jacob Stein, New York, N. Y.
Application November 3, 1936, Serial No. 65,661
Term of patent 14 years



The ornamental design for a sandal or similar article, substantially as shown and described.

102,344
DESIGN FOR A SANDAL OR SIMILAR ARTICLE
Jacob Stein, New York, N. Y.
Application November 3, 1936, Serial No. 65,662
Term of patent 14 years



The ornamental design for a sandal or similar article, substantially as shown and described.

102,345
DESIGN FOR A SANDAL OR SIMILAR ARTICLE
Jacob Stein, New York, N. Y.
Application November 3, 1936, Serial No. 65,663
Term of patent 14 years

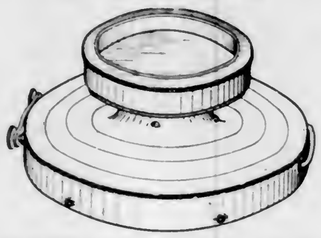


The ornamental design for a sandal or similar article, substantially as shown and described.

102,346
DESIGN FOR A SANDAL OR SIMILAR ARTICLE
Jacob Stein, New York, N. Y.
Application November 3, 1936, Serial No. 65,664
Term of patent 14 years

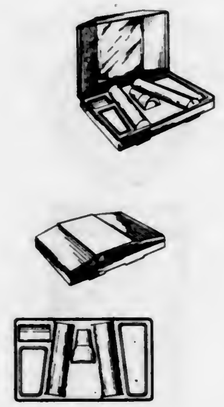
The ornamental design for a sandal or similar article, substantially as shown and described.

102,347
DESIGN FOR A CHALK HOLDER
Frank Rutz, Rochester, N. Y.
Application October 13, 1936, Serial No. 65,281
Term of patent 14 years



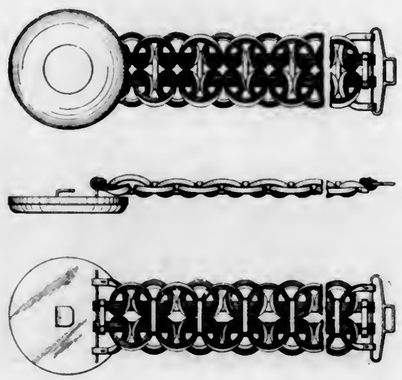
The ornamental design for a chalk holder as shown.

102,348
DESIGN FOR AN ILLUMINATED VANITY CASE OR THE LIKE
Ray A. Atherton, Oakland, Calif.
Application August 13, 1936, Serial No. 64,394
Term of patent 3½ years



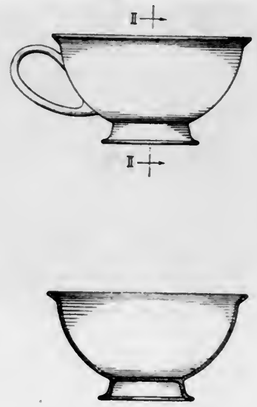
The ornamental design for an illuminated vanity case or the like, as shown and described.

102,349
DESIGN FOR A BELT FOR WEARING APPAREL
Henry Auslander, New York, N. Y.
Application November 9, 1936, Serial No. 65,794
Term of patent 7 years



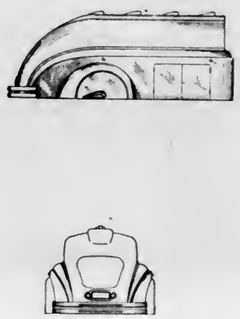
The ornamental design for a belt for wearing apparel, as shown.

102,350
DESIGN FOR A TEACUP OR SIMILAR ARTICLE
Karl Bayreuther, Selb, Germany, assignor to The Rosenthal China Corporation, New York, N. Y., a corporation of New York
Application September 25, 1935, Serial No. 58,706
Term of patent 14 years



The ornamental design for a tea cup or similar article as shown and described.

102,351
DESIGN FOR A TRUCK TANK
Leland S. Bessonett, San Francisco, and Horton A. McKim, Burlingame, Calif., and Frederick A. Selje, Detroit, Mich., assignors to Standard Oil Company of California, San Francisco, Calif., a corporation of Delaware
Application July 15, 1935, Serial No. 57,652
Term of patent 14 years



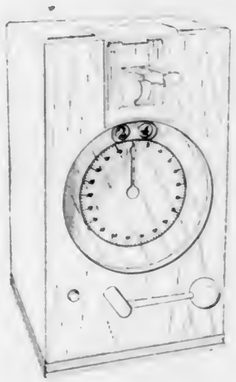
The ornamental design for a truck tank substantially as shown.

102,352
DESIGN FOR A TEXTILE FABRIC
Jack J. Blackstone, New York, N. Y.
Application November 19, 1936, Serial No. 66,009
Term of patent 3½ years



The ornamental design for a textile fabric substantially as shown.

102,353
DESIGN FOR A REMOTE CONTROL APPARATUS CABINET FOR MUSICAL DEVICES
Edward E. Collison, Chicago, and Claude R. Kirk, River Forest, Ill.
Application October 5, 1936, Serial No. 65,172
Term of patent 7 years



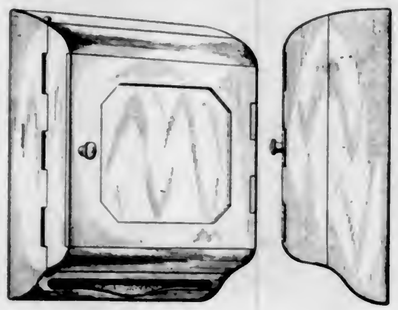
The ornamental design for a remote control apparatus cabinet for musical devices, as shown and described.

102,354
DESIGN FOR A CONDIMENT SHAKER
Martha H. Connor, Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del., a corporation of Delaware
Application September 30, 1936, Serial No. 65,090
Term of patent 7 years



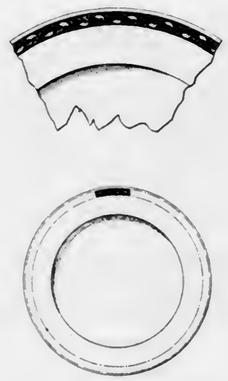
The ornamental design for a condiment shaker, substantially as shown and described.

102,355
DESIGN FOR A MULTIPLE COMPARTMENT DISPENSING CABINET
Wesley S. Corbin, Ridley Park, Pa., assignor to Scott Paper Company, Chester, Pa., a corporation of Pennsylvania
Application September 30, 1936, Serial No. 65,073
Term of patent 14 years



The ornamental design for a multiple compartment dispensing cabinet, substantially as shown.

102,356
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Anton Eckert, Alameda, Calif.
Application September 23, 1936, Serial No. 64,975
Term of patent 7 years



The ornamental design for a plate or similar article, substantially as shown and described.

102,357
DESIGN FOR A WAFFLE IRON
Irving Edelman, New York, N. Y.
Application August 24, 1936, Serial No. 64,537
Term of patent 7 years



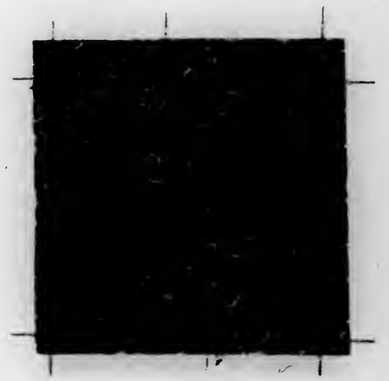
The ornamental design for a waffle iron, substantially as shown.

102,358
DESIGN FOR A LACE
Bert Edson, Pawtucket, R. I., assignor to New England Lace Mills, Inc., New York, N. Y.
Application November 20, 1936, Serial No. 66,036
Term of patent 3½ years



The ornamental design for a lace, substantially as shown.

102,359
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Robert E. Fatherley, Darien, Conn., assignor to Morton D. Kornfeld, New York, N. Y.
Application November 24, 1936, Serial No. 66,111
Term of patent 3½ years



The ornamental design for a textile fabric or similar article as shown and described.

102,360
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Robert E. Fatherley, Darien, Conn., assignor to Morton D. Kornfeld, New York, N. Y.
Application November 24, 1936, Serial No. 66,112
Term of patent 3½ years



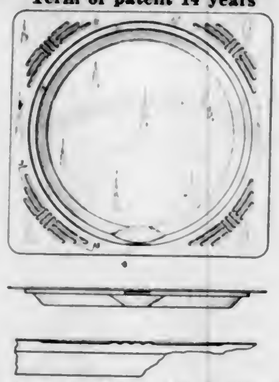
The ornamental design for a textile fabric or similar article as shown and described.

102,361
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Robert E. Fatherley, Darien, Conn., assignor to Morton D. Kornfeld, New York, N. Y.
Application November 24, 1936, Serial No. 66,113
Term of patent 3½ years



The ornamental design for a textile fabric or similar article as shown and described.

102,362
DESIGN FOR A BROILER PAN
Martin C. Friedman, Grand Rapids, Mich., and Irwin M. Stone, Cleveland Heights, Ohio
Application October 24, 1936, Serial No. 65,488
Term of patent 14 years



The ornamental design for a broiler pan, as shown.

102,363
DESIGN FOR A LACE
Frank P. Gehring, New York, N. Y.
Application November 13, 1936, Serial No. 65,877
Term of patent 3½ years



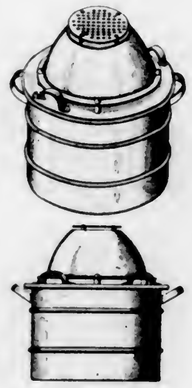
The ornamental design for a lace, substantially as shown and described.

102,364
DESIGN FOR A LACE
Frank P. Gehring, New York, N. Y.
Application November 13, 1936, Serial No. 65,878
Term of patent 3½ years



The ornamental design for a lace, substantially as shown and described.

102,365
DESIGN FOR A CASING FOR A WASHING MACHINE
Henry J. Goldblatt, Chicago, Ill.
Application September 1, 1936, Serial No. 64,680
Term of patent 14 years



The ornamental design for a casing for a washing machine, as shown.

102,366
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Jacques Heim, Paris, France
Application October 28, 1936, Serial No. 65,550
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, substantially as shown.

102,367
DESIGN FOR A CAP FOR BOTTLES, JARS, AND THE LIKE
Frank Earl Higgins, New York, N. Y., assignor to California Perfume Company, Inc., New York, N. Y., a corporation of New York
Application October 16, 1936, Serial No. 65,322
Term of patent 14 years



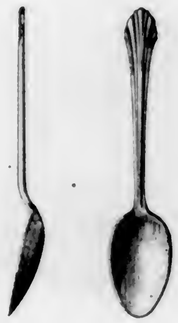
The ornamental design for a cap for bottles, jars, and the like, as shown.

102,368
DESIGN FOR A CAP FOR BOTTLES, JARS, AND THE LIKE
Frank Earl Higgins, New York, N. Y., assignor to California Perfume Company, Inc., New York, N. Y., a corporation of New York
Application October 16, 1936, Serial No. 65,323
Term of patent 14 years



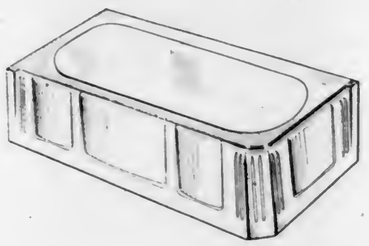
The ornamental design for a cap for bottles, jars, and the like, as shown.

102,369
DESIGN FOR A SPOON OR SIMILAR ARTICLE
Frederick Hoyle, Lambertville, N. J., assignor to The Stieff Company, Baltimore, Md., a corporation of Maryland
Application October 30, 1936, Serial No. 65,598
Term of patent 14 years



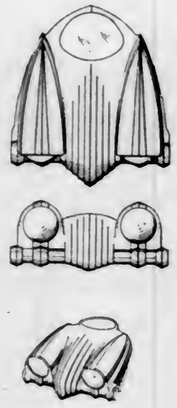
The ornamental design for a spoon or similar article, substantially as shown and described.

102,370
DESIGN FOR A BATHTUB
Walter J. Kohler, Kohler, Wis., and Gerald K. Geerlings, New Canaan, Conn.
Application September 5, 1936, Serial No. 64,728
Term of patent 14 years



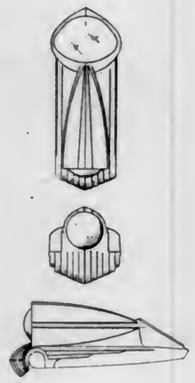
The ornamental design for a bathtub, as shown.

102,371
DESIGN FOR A CYCLE LAMP
Herman L. Kraeft, Cleveland Heights, Ohio, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application September 16, 1936, Serial No. 64,878
Term of patent 7 years



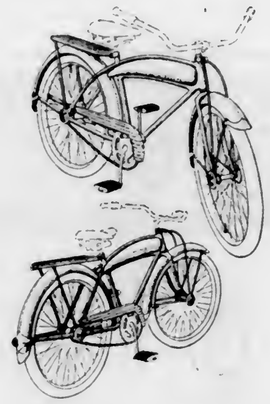
The ornamental design for a cycle lamp substantially as shown.

102,372
DESIGN FOR A CYCLE LAMP
Herman L. Kraeft, Cleveland Heights, Ohio, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application September 16, 1936, Serial No. 64,879
Term of patent 7 years



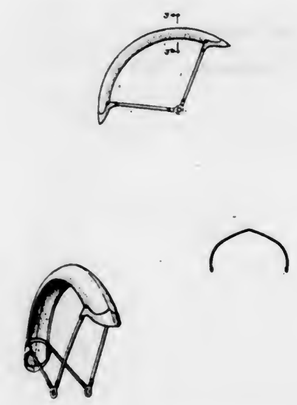
The ornamental design for a cycle lamp substantially as shown.

102,373
DESIGN FOR A BICYCLE
Herman L. Kraeft, Cleveland Heights, Ohio, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application September 16, 1936, Serial No. 64,880
Term of patent 7 years



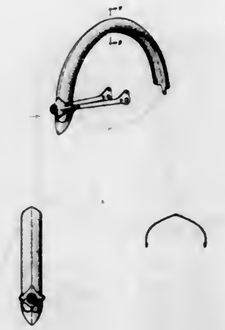
The ornamental design for a bicycle, substantially as shown.

102,374
DESIGN FOR A FENDER FOR A CYCLE
Herman L. Kraeft, Cleveland Heights, Ohio, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application September 17, 1936, Serial No. 64,891
Term of patent 7 years



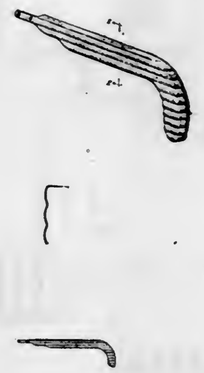
The ornamental design for a fender for a cycle substantially as shown.

102,375
DESIGN FOR A FENDER FOR A CYCLE
Herman L. Kraeft, Cleveland Heights, Ohio, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application September 17, 1936, Serial No. 64,892
Term of patent 7 years



The ornamental design for a fender for a cycle, substantially as shown and described.

102,376
DESIGN FOR A CHAIN GUARD FOR A CYCLE
Herman L. Kraeft, Cleveland Heights, Ohio, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application September 19, 1936, Serial No. 64,926
Term of patent 7 years



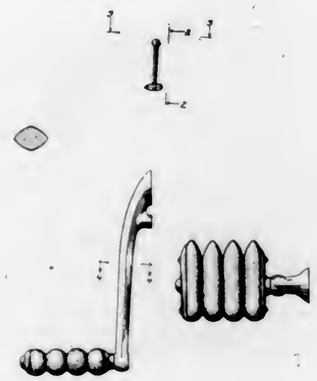
The ornamental design for a chain guard for a cycle, substantially as shown.

102,377
DESIGN FOR A HUB CAP FOR A CYCLE
Herman L. Kraeft, Cleveland Heights, Ohio, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application September 19, 1936, Serial No. 64,927
Term of patent 7 years



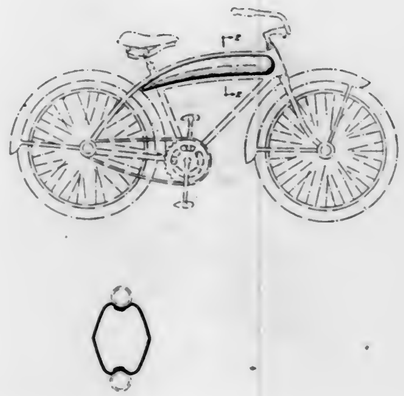
The ornamental design for a hub cap for a cycle, substantially as shown.

102,378
DESIGN FOR A COMBINED PEDAL AND CRANK FOR A CYCLE
Herman L. Kraeft, Cleveland Heights, Ohio, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application October 5, 1936, Serial No. 65,169
Term of patent 7 years



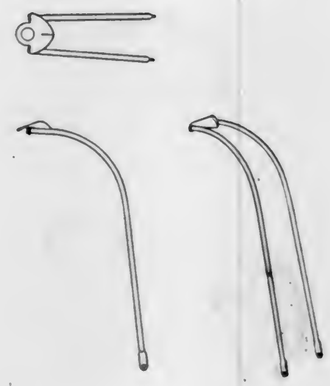
The ornamental design for a combined pedal and crank for a cycle, substantially as shown.

102,379
DESIGN FOR A BICYCLE
Herman L. Kraeft, Cleveland Heights, Ohio, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application October 5, 1936, Serial No. 65,170
Term of patent 7 years



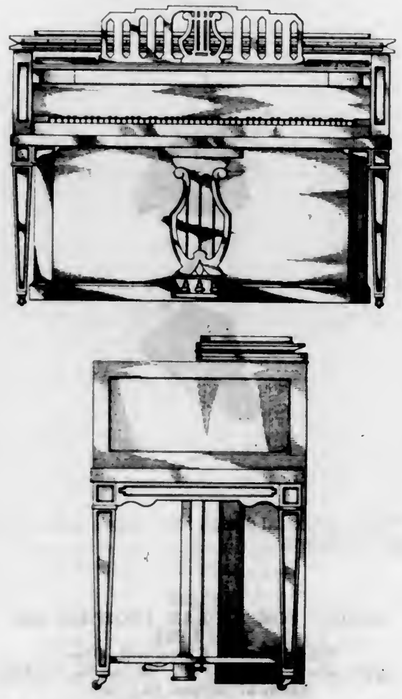
The ornamental design for a bicycle, substantially as shown and described.

102,380
DESIGN FOR A CYCLE TRUSS ROD UNIT
Herman L. Kraeft, Cleveland Heights, Ohio, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application October 23, 1936, Serial No. 65,460
Term of patent 7 years



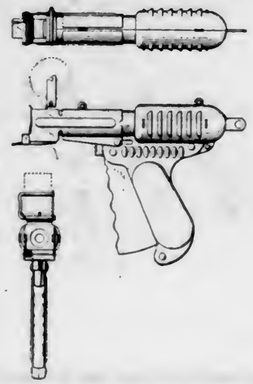
The ornamental design for a cycle truss rod unit substantially as shown.

102,381
DESIGN FOR A PIANO OR SIMILAR ARTICLE
Jacob L. Krasnick, Holly, Mich., assignor to Grinnell Bros., Detroit, Mich., a corporation of Michigan
Application October 17, 1936, Serial No. 65,336
Term of patent 7 years



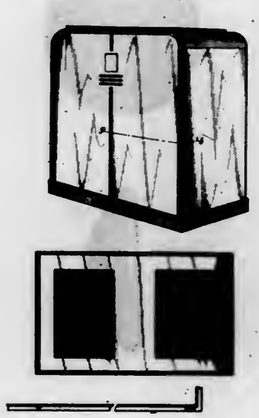
The ornamental design for a piano or similar article substantially as shown.

102,382
DESIGN FOR A TOY GUN
Otto A. Langos, Chicago, Ill.
Application October 2, 1936, Serial No. 65,148
Term of patent 14 years



The ornamental design for a toy gun as shown.

102,383
DESIGN FOR A CABINET FOR AN AIR CONDITIONING UNIT OR SIMILAR ARTICLE
Allen P. Livar, Yonkers, N. Y.
Application September 21, 1936, Serial No. 64,945
Term of patent 7 years





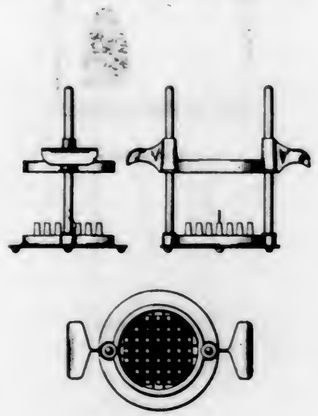
The ornamental design for a cabinet for an air conditioning unit or similar article substantially as shown and described.

102,384
DESIGN FOR A BROOCH PIN OR SIMILAR ARTICLE
Ralph Massa, New York, N. Y.
Application November 5, 1936, Serial No. 65,699
Term of patent 3½ years



The ornamental design for a brooch pin or similar article, substantially as shown.

102,385
DESIGN FOR A VEGETABLE SLICING MACHINE
Rudolph L. Marchfield, Chicago, Ill.
Application October 12, 1936, Serial No. 65,276
Term of patent 14 years



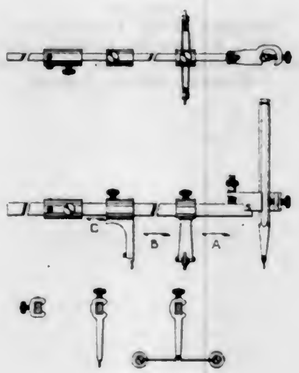
The ornamental design for a vegetable slicing machine as shown.

102,386
DESIGN FOR A LADY'S HAT
Isidor Melamed, New York, N. Y., assignor to Newmarket Hat Company, Inc., New York, N. Y., a corporation of New York
Application November 16, 1936, Serial No. 65,943
Term of patent 3½ years



The ornamental design for a lady's hat substantially as shown.

102,387
DESIGN FOR A BEAM COMPASS OR THE LIKE
Wade Moses, Cleveland, Ohio
Application May 1, 1936, Serial No. 62,400
Term of patent 14 years



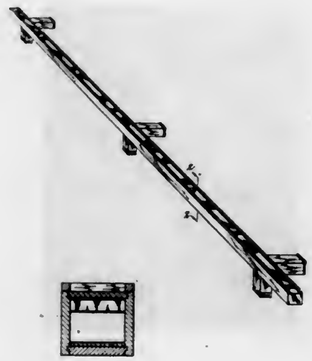
The ornamental design for a beam compass or the like, as shown.

102,388
DESIGN FOR AN INDUSTRIAL SPRAY GUN
Carl G. Neidhardt, Chattanooga, Tenn., assignor to Taywal Corporation, Chattanooga, Tenn., a corporation of Tennessee
Application September 12, 1936, Serial No. 64,831
Term of patent 7 years



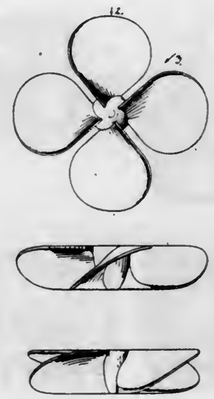
The ornamental design for an industrial spray gun, substantially as shown.

102,389
DESIGN FOR A BAR FOOTRAIL
Edward A. Neumann, North St. Paul, Minn.
Application March 23, 1936, Serial No. 61,746
Term of patent 7 years



The ornamental design for a bar footrail, as shown.

102,390
DESIGN FOR A FAN PROPELLER
Eugene Newnham, St. Louis, Mo., assignor to Knapp-Monarch Company, St. Louis, Mo., a corporation of Missouri
Application September 23, 1936, Serial No. 64,968
Term of patent 7 years



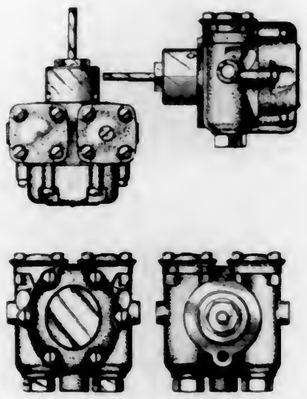
The ornamental design for a fan propeller, as shown.

102,391
DESIGN FOR A CIRCULATING HEATER
Ambrose D. Olds, Wichita, Kans., assignor to The Coleman Lamp and Stove Company, Wichita, Kans.
Application August 17, 1936, Serial No. 64,458
Term of patent 7 years



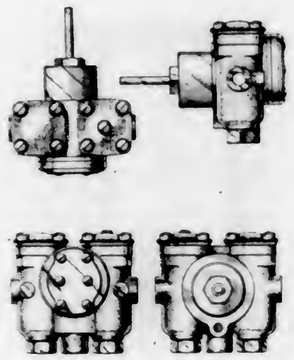
The ornamental design for a circulating heater as shown and described.

102,392
DESIGN FOR A FUEL SUPPLY UNIT FOR OIL BURNERS
Herbert C. Osborne, Racine, Wis., assignor to Webster Electric Company, Racine, Wis., a corporation of Wisconsin
Application October 26, 1936, Serial No. 65,503
Term of patent 14 years



The ornamental design for a fuel supply unit for oil burners, as shown.

102,393
DESIGN FOR A FUEL SUPPLY UNIT FOR OIL BURNERS
Herbert C. Osborne, Racine, Wis., assignor to Webster Electric Company, Racine, Wis., a corporation of Wisconsin
Application October 26, 1936, Serial No. 65,504
Term of patent 14 years



The ornamental design for a fuel supply unit for oil burners, as shown.

102,394
DESIGN FOR A DRESS
David William Price, New York, N. Y.
Application November 17, 1936, Serial No. 65,967
Term of patent 3½ years



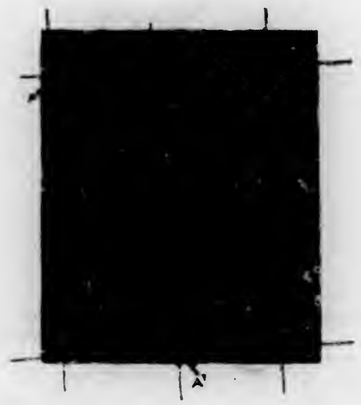
The ornamental design for a dress, substantially as shown.

102,395
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Willard D. Roberson, New York, N. Y., assignor to Morton D. Kornfeld, New York, N. Y.
Application November 24, 1936, Serial No. 66,115
Term of patent 3½ years



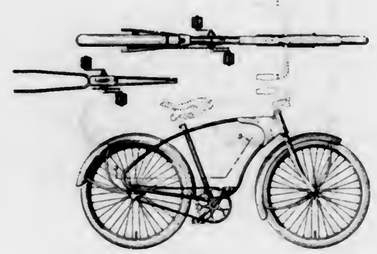
The ornamental design for a textile fabric or similar article as shown and described.

102,396
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Willard D. Roberson, New York, N. Y., assignor to Morton D. Kornfeld, New York, N. Y.
Application November 24, 1936, Serial No. 66,117
Term of patent 3½ years



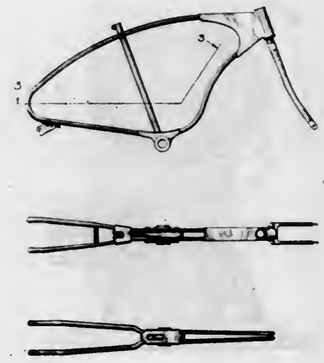
The ornamental design for a textile fabric or similar article as shown and described.

102,397
DESIGN FOR A BICYCLE
Mayo E. Roe, Elyria, and Wilbur Henry Adams, Cleveland, Ohio
Application April 6, 1936, Serial No. 61,975
Term of patent 14 years



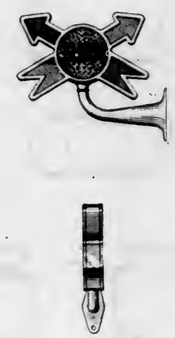
The ornamental design for a bicycle, substantially as shown.

102,398
DESIGN FOR A BICYCLE FRAME
Mayo E. Roe, Elyria, and Wilbur Henry Adams, Cleveland, Ohio
Application April 6, 1936, Serial No. 61,976
Term of patent 14 years



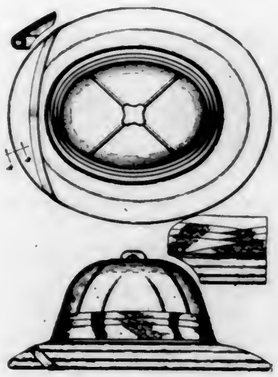
The ornamental design for a bicycle frame, substantially as shown.

102,399
DESIGN FOR A TWIN FACE DIRECTIONAL SIGNAL
Samuel J. Shaw, Jr., Nyack, N. Y.
Application May 8, 1936, Serial No. 62,542
Term of patent 7 years



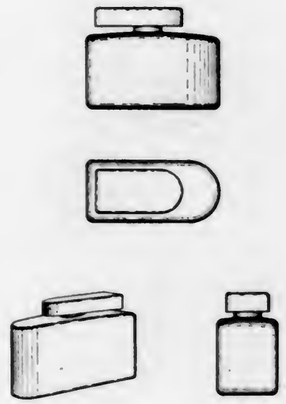
The ornamental design for a twin face directional signal as shown.

102,400
DESIGN FOR A HAT
Edward C. Sloan, Geneva, Ill., assignor to Jesse B. Hawley, Geneva, Ill.
Application October 4, 1935, Serial No. 58,835
Term of patent 14 years



The ornamental design for a hat substantially as shown.

102,401
DESIGN FOR A COSMETIC BOTTLE
Pauline W. Shulman, Hartford, Conn., assignor to Martha T. Marcus
Application April 22, 1936, Serial No. 62,236
Term of patent 14 years



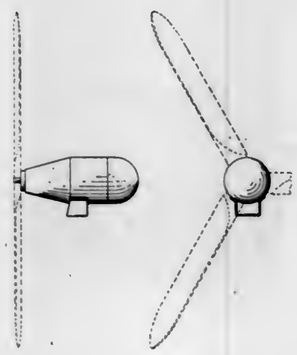
The ornamental design for a cosmetic bottle, substantially as shown.

102,402
DESIGN FOR A CLAMP HANDLE
Herbert E. Tautz, Milwaukee, Wis., assignor to Delta Manufacturing Company, Milwaukee, Wis.
Application October 19, 1936, Serial No. 65,371
Term of patent 7 years



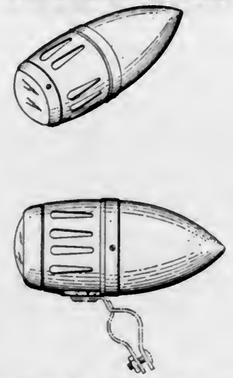
The ornamental design for a clamp handle as shown.

102,403
DESIGN FOR A WIND POWER GENERATOR
George A. Vaughn, Newton, Iowa, assignor to Wind-Power Manufacturing Company, Newton, Iowa, a corporation of Iowa
Application November 3, 1936, Serial No. 65,675
Term of patent 7 years



The ornamental design for a wind power generator substantially as shown and described.

102,404
DESIGN FOR A COMBINED HORN AND LAMP
Lee M. Wiley, Marion, Ind., assignor to Delta Electric Company, Marion, Ind., a corporation of Indiana
Application April 1, 1936, Serial No. 61,895
Term of patent 3½ years



The ornamental design for a combined horn and lamp substantially as shown.

102,405
DESIGN FOR LACE
Isaac Zendman, Jr., New York, N. Y.
Application November 14, 1936, Serial No. 65,897
Term of patent 3½ years



The ornamental design for lace, substantially as shown.

Patents Nos. 2,064,807 to 2,065,495

THE OFFICIAL GAZETTE OF THE United States Patent Office

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December 22, 1936

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Total	1,121		

Interference Notice

U. S. Patent Office, *Washington, Dec. 1, 1936.*

Thomas J. Donovan, Jr., his assigns or legal representatives, take notice:

An interference having been declared by this Office between Patent No. 1,981,724, granted November 20, 1934, to Thomas J. Donovan, Jr., 3034 Frankford Avenue, Philadelphia, Pennsylvania, and the application for patent of Bruce J. Davidson, 8300 Talbot Street, Kew Gardens, New York, and a notice of such declaration sent by registered mail to said Donovan at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Donovan, his assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Notice of Cancellation

U. S. Patent Office, *Washington, Dec. 7, 1936.*

Utiliten Corporation, its assigns or legal representatives take notice:

An application for cancellation having been filed in this Office by Williams Oil-O-Matic Heating Corporation, 1201 East Bell Street, Bloomington, Ill., to effect the cancellation of trade-mark registration of Utiliten Corporation, 420 Lexington Avenue, New York, N. Y., No. 330,544, dated December 3, 1935, and the notice of such proceeding sent by registered mail to the said Utiliten Corporation at the said address having been returned by the post office undeliverable, notice is hereby given that unless said Utiliten Corporation, its assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order the cancellation will be proceeded with as in the case of default. This notice will be published in the Official Gazette for three consecutive weeks.

JUSTIN W. MACKLIN.
First Assistant Commissioner.

Adjudicated Patents

(C. C. A. Calif.) Foltz patent, No. 1,747,822, for furnace construction, claims 7, 14, 15, 17, 35 to 39, 41, 43, 48 to 50, 53, and 55 *Held* invalid. *Lanyon* v. *M. H. Detrick Co.*, 85 F.(2d) 875.

(D. C. Calif.) Anderson patent, No. 1,770,224, for bore hole directional apparatus and method of orientation, claims 1 to 6, 8, 12, 13, and 14 *Held* valid and infringed. *Alexander Anderson, Inc.*, v. *Eastman*, 16 F. Supp. 513.

(C. C. A. Calif.) Beall patent, No. 1,773,339, for furnace wall, claims 1 and 2 *Held* invalid. *Lanyon* v. *M. H. Detrick Co.*, 85 F.(2d) 875.

(D. C. Calif.) Anderson patent, No. 1,830,345, for bore hole directional apparatus and method of orientation, *Held* invalid. *Alexander Anderson, Inc.*, v. *Eastman*, 16 F. Supp. 513.

(C. C. A. Md.) Rod patent, No. 1,830,768, for art of making garments, *Held* invalid. *Rokap Corporation* v. *Lamm*, 85 F.(2d) 873.

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,760,159, R. C. Mathes, Electro-optical image production, decided November 9, 1936, claim 2.

Pat. 1,944,541, T. V. Bergman and H. A. Svedberg, Method of treating cream for increasing the viscosity thereof, decided October 30, 1936, claim 2.

Pat. 1,985,941, Charles McCurley, Tire cover, decided October 13, 1936, claim 32.

Pat. 1,992,587, F. J. Tone, Furnace wall structure, decided November 9, 1936, claims 6 and 7.

Pat. 2,005,512, A. O. Vinz, Oil treatment of coal, decided November 30, 1936, claims 4 and 7.

Pat. 2,014,630, M. D. O'Brien and J. W. Burns, Brake, decided November 28, 1936, claims 11 and 12.

Condition of Applications Under Examination at Close of Business December 5, 1936

(Total number of applications awaiting action, excluding Trade-Mark Division, 34,751: Trade-Mark Division, 1,754. Oldest new case, June 6, 1936; oldest amended, June 2, 1936.)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6621	1. LOEFFLER, F. A., Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Sept. 12	Sept. 23	288
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco, Velocipedes; Butchering; Bee Culture.	July 23	July 23	999
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	Sept. 18	Sept. 15	377
7083	4. DONNELLY, A. E. (Act.), Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Aug. 6	Aug. 14	587
3077	5. MACNAB, J. F., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons, Etc.	Sept. 1	Sept. 1	428
4898 C	6. LEWERS, A. M., Carbon Chemistry (part)	Aug. 17	Aug. 19	698
5725	7. JARBOE, C. G., Optics; Photography	Sept. 8	Sept. 8	738
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Sept. 9	Sept. 1	454
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Sept. 15	Sept. 17	351
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops; Vehicle Fenders	Sept. 8	Sept. 12	329
5087 B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Sept. 17	Sept. 14	379
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms	Sept. 8	Sept. 8	348
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Sept. 28	Sept. 28	393
5097	14. SMITH, G. A., (Act.), Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	Aug. 14	Aug. 14	592
4897	15. HENKIN, BENJ. (Act.), Glass; Plastic Block and Earthenware Apparatus; Plastics	Sept. 7	Sept. 7	853
5612	16. SPENCER, C. J., Telegraphy; Telephony	Aug. 26	Aug. 26	695
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Sept. 5	Sept. 8	544
4812	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Aug. 11	Aug. 6	460
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Aug. 25	Aug. 28	644
6603	20. BROWN, L. M., (Act.), Miscellaneous Hardware; Closure Fasteners; Locks; Latches; Safes; Undertaking; Bread, Pastry, and Confection Making.	Aug. 22	Aug. 28	400
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	Sept. 8	Sept. 11	603
5724	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Sept. 12	Sept. 12	556
7624	23. BUTTNER, W. J. (Act.), Coin Handling; Recorders; Registers	June 6	June 2	507
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Sept. 12	Sept. 17	524
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Sept. 8	Sept. 5	560
5893	26. ADAMS, W. M., Electricity; Generation; Motive Power	Sept. 23	Sept. 25	200
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	July 20	July 18	792
4628	28. SOLYOM, H. L., Internal-Combustion Engines	Sept. 4	Aug. 11	335
5082	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Sept. 9	Sept. 11	511
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Aug. 6	Aug. 6	649
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Sept. 5	Sept. 9	486
4086	32. ARMSTRONG, HOWARD M. (Act.), Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation, Agitating.	Sept. 12	Sept. 12	463
6096	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	Sept. 1	Sept. 1	739
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Sept. 10	Sept. 8	375
3605	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	July 3	July 15	615
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Sept. 5	Sept. 9	251
5886 B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Aug. 26	Aug. 13	571
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stone-working; Wells; Plastic Compositions.	Sept. 16	Sept. 21	261
4872	39. WHITNEY, F. L., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Oct. 7	Oct. 9	300
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	July 30	July 31	1,086
6082	41. WHITNEY, M. L., Railway and Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes; Railway Draft Appliances; Spring Devices; Typewriting Machines.	Aug. 17	Aug. 19	496
5882	42. CUTTING, H. O., Electric Signaling	Sept. 14	Aug. 28	408
4886 B	43. KLINGE, E. F., Medicines, Poisons and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Sept. 5	Sept. 5	647
4087 B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Aug. 13	Aug. 12	612
7097	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling.	Sept. 9	Sept. 8	310
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Aug. 24	Aug. 26	578
7000	47. BARKER, H., Clutches; Brakes	Sept. 21	Sept. 10	446
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	Sept. 5	Sept. 1	536
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Sept. 18	Sept. 23	417
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Sept. 5	Sept. 5	505
5628	51. BACKUS, C. D., Radiant Energy	Sept. 15	Sept. 15	657
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Sept. 8	Sept. 26	508
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Aug. 10	Aug. 10	889
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	Sept. 13	Sept. 13	327
6887	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	July 28	Aug. 1	688
4725	56. CHANDLER, G. V. (Act.), Electrochemistry; Laminated Fabrics; Paper Making, Substance Preparation.	Sept. 5	Sept. 5	873
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Aug. 6	Aug. 20	358
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	Sept. 9	Sept. 9	301
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part).	Sept. 17	Oct. 1	410
5896	60. GLASS, R. L., Electricity, Heating, and Welding; Batteries; Resistances and Rheostats; Prime-Mover Dynamo Plants.	Aug. 4	July 28	570
6724	61. PARKS, G. E., Laminated Electrical Insulation, Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Sept. 14	Sept. 22	241
3876	62. PUGH, E. C., Games; Geometrical Instruments	Sept. 10	Sept. 11	461
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting; Fermentation	Sept. 8	Sept. 8	396
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel	Sept. 15	Sept. 15	662
5624	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	June 25	June 26	776
2099 B	Trade-Marks, Labels, and Prints: F. A. RICHMOND {Trade-Marks	Nov. 2	Nov. 20	1,429
	{Labels and Prints	Nov. 5	Nov. 20	325
2605	Designs, H. H. KALUPY	Nov. 6	Nov. 21	530

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE McKEAN

No. 3,854. Decided June 8, 1936

[83 F.(2d) 822]

PATENTABILITY—TRAVERSING MEANS FOR WINDING MACHINES.

Claims for a traversing means for winding machines *Held* unpatentable over the prior art.

APPEAL from the Patent Office. Affirmed.

Mr. E. Clarkson Seward for McKean.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

GARRETT, *J.*:

Four claims (being all the claims) numbered, respectively, 4, 5, 7, and 13 of appellant's application for patent relating to "Traversing Means for Winding Machines," were rejected by an Examiner of the United States Patent Office whose decision was affirmed by the Board of Appeals. From the decision of the latter, appeal was taken to this court.

Claim 13, illustrative of the subject matter and seemingly broadest of the claims, reads as follows:

13. A yarn traversing means for winding machines having tapered cores upon which the yarn is to be wound, said traversing means comprising a rotatable tapered roll having in its peripheral surface a plurality of yarn engaging grooves arranged in non-intersecting oppositely disposed helices, said yarn engaging grooves increasing in pitch from the larger to the smaller end of the tapered roll.

The cited references are: Hill et al., 322,451, July 21, 1885; McKean, 1,918,210, July 11, 1933.

The particular device involved is a roller, in the shape of a truncated cone, having grooves in its surface of substantially helical or spiral form. In operation, a cone-shaped bobbin of suitable material, as for example paste board, upon which threads (subsequently to be used in weaving) are wound, is placed in position with reference to the grooved cone. The cone is revolved, and the threads, being fed to it (by means not here involved) and carried through the surface grooves, are wound upon the bobbin, the resulting package when finished being itself in the form of a truncated cone.

The patent to Hill et al. entitled "Machinery for Winding Yarn or Thread onto Spools or Bobbins" discloses a device "whereby," according to the specification, "yarn or thread may be wound on spools or bobbins with or without heads, and either in a cylindrical or conical form, * * *." One of the drawings shows a conical drum with a spiral slot or groove through which the thread is guided for winding upon the bobbin, but the bobbin shown in the drawing is itself cylindrical, not cone-shaped. The specification, however, teaches that:

When spools or bobbins wound in the form of a cone are required, it is usually necessary that the yarn or thread be wound on a correspondingly-shaped bare spool or bobbin, and the same form is retained throughout the winding. * * *

The patent to McKean (appellant here) bears the same title as that of the present application. It is unnecessary to give any detailed description of it, in view of the following statement in the brief on his behalf:

Appellant concedes that his prior patent shows and claims the particular form and non-intersecting arrangement of grooves or depressions disclosed in the present application, but said patent does *not* show the tapered or conical traverse roll, and it does *not* show the grooves or depressions to be of increasing pitch from one end of the roll to the other. Hence, the appealed claims could not possibly have been included in said patent, with which the present application was co-pending. To supply these features of novelty, the Board relies upon the old patent to Hill and Brown which shows a different kind of traverse roll having a slot that has an increased pitch near the smaller end but does not increase in pitch from one end to the other as required by the claims appealed. [Italics quoted.]

From the foregoing statement it appears that the particular features or limitations upon which appellant relies are limited to (1) "the tapered or conical traverse roll," and (2) the "increasing pitch" of the grooves from one end of the roll to the other.

The statement of the Examiner following the appeal to the Board states that the claims

"are rejected on the grounds of double patenting since they do not define any patentable invention over the invention claimed in applicant's Patent No. 1,918,210 in view of Hill et al."

The decision of the Board makes no reference to double patenting, but it is clear that that tribunal was of opinion that the claims were properly rejected upon the art cited, and we are of the same opinion.

Considering the first feature—that of the "tapered or conical traverse roll,"—it is true that the conical drum of Hill et al., as shown in the drawings, appears to differ somewhat in dimensions from the roll of appellant, but it is of truncated conical form, and, as will be seen from the quotation from its specification, *supra*, it teaches the use of a conical bobbin, when desirable, although the bobbin shown in the drawing is not conical.

The second feature—that of the "increasing pitch" of the grooves from end to end is the feature which appellant most strongly emphasizes. In his own patent the roll was cylindrical and the pitch of the grooves, it is assumed, was generally uniform from end to end. The Hill et al. patent, however, contains the following with reference to the slot or groove of its conical drum:

The curve of the slot C is not of a uniform pitch or inclination from one side to the other in all cases; but said slot may be formed of *greater or less pitch at one part than at the other.* [Italics ours.]

It would seem, therefore, that appellant in his device at issue has merely applied a principle clearly taught by Hill to the groove system of the device of his own patent, said system being conceded to have the same "form and non-intersecting arrangement of grooves or depressions" in both the patent and the present application.

It may be said that appellant's specification in the instant case makes no reference to "increasing pitch" in the grooves and the only disclosure of this in the application as filed is conceded to be in the drawings. From our inspection of these we are

of the opinion that it might well be questioned whether they clearly disclose the pitch, but assuming that they do, as the Board seems to have assumed, we do not regard appellant's modification as constituting invention, in view of the teaching of Hill et al.

After the Board's decision appellant presented a petition for rehearing, filing therewith an affidavit in which he elaborated upon the features herein discussed. The application was thereupon remanded to the Examiner under the provisions of Patent Office rule 138 for reconsideration under rule 76. The Examiner made a second statement to the Board and the Board, discussing such matters as seem to be material, in effect, rendered a second decision and denied the petition.

We have examined the affidavit and find no reason for disagreeing with the conclusion of the tribunals of the Patent Office thereon.

The decision of the Board of Appeals is affirmed.

Affirmed.

U. S. Court of Customs and Patent Appeals

IN RE REICHEL

No. 3,634. Decided June 17, 1936

[84 F.(2d) 221]

PATENTABILITY—EXPANSIBLE DIAPHRAGM DEVICE.

Claims for an expansible diaphragm device *Held* patentable over the prior art.

APPEAL from the Patent Office. Reversed.

Messrs. McConkey & Smith, Mr. Stephen Cerstvik and *Mr. N. D. Parker, Jr.* for Reichel.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

LENROOT, *J.*:

This is an appeal from a decision of the Board of Appeals of the United States Patent Office, affirming the decision of the Examiner rejecting all of the claims of appellant's application, four in number, for want of patentability in view of the prior art.

Claim 1 is illustrative of the claims on appeal and reads as follows:

1. An expansible diaphragm device comprising means providing a chamber and including a supporting shell, a diaphragm closing said chamber and movable in response to a difference in pressure at opposite sides of the diaphragm, said diaphragm having a peripheral flange portion inclined at an angle toward the normally preponderating pressure side of said diaphragm, and an annular connection between said flange portion and the shell, said connection comprising sealing material within the annular space defined by the peripheral edge of the shell and the inclined flange portion of the diaphragm so that the sealing material is not susceptible to tension due to movements of the diaphragm occasioned by pressure preponderance changes of the device as long as the normal relation or direction of preponderance is maintained.

The references relied upon are: Dillon, 995,444, June 20, 1911; Loepsinger, 1,178,528, April 11, 1916; Jaubert (British), 191,796, January 12, 1923; Jensen, 1,677,100, July 10, 1928; Cunningham (British), 306,660, February 28, 1929; Wertz, 1,719,153, July 2, 1929.

The application relates to diaphragm devices for use in such instruments as altimeters. The drawings disclose such a diaphragm device consisting of a cylindrical shell, the edges of which are inclined inwardly at an angle of approximately 45 degrees. The device is completed by two corrugated diaphragm disks, said disks likewise having their peripheral edges inclined at such an angle as to fit against the inclined edges of the shell. One of such disks is positioned on each side of the shell, said disks being so placed that their inclined peripheral edge portions are inside the bead portions of the shell and have their inclined edges abutting against the inner side of their respective bead portions of the shell. The structure is completed by sealing the joints between the peripheral edges of the disks and their respective bead portions of the shell by the application of solder to said joints.

The specification of appellant's application discusses the difficulties allegedly theretofore encountered in furnishing a joint between the peripheral edge of the diaphragm disk and the shell which would permit flexing of the diaphragm and at the same time prevent the pulling away of the joint, said straining of the joint resulting in leakage and failure of the device. The claimed improvement here is that, with the joint shown by appellant, the building up of pressure within the device, rather than straining said joint, actually causes the abutting surfaces of the shell and the diaphragm disk to be more firmly held against each other, thus eliminating the trouble which had formerly been encountered.

The basic reference is the patent to Dillon. This discloses a gasoline engine in which each so-called cylinder is made up of a pair of disks. These disks have circular portions cut out of their centers. The two disks comprising a cylinder are united at their peripheral edges by means of an annular ring. This ring is formed with side-walls projecting inwardly, and each disk is fastened to said annular ring by being attached to the inner surface of its respective side-wall, sealing being accomplished by brazing or welding the joint throughout its periphery. The result of such a joint is that, when pressure is built up between said pair of disks, the abutting surfaces of the disks and their respective side-walls on the annular ring are pressed together, overcoming the tendency to pull the joint apart that would exist if the peripheral edges of the disks were attached to the outside edges of said side-walls. The inner edge of each disk is attached to the flange of a channel-shaped ring; this ring can best be described as a hub having a channel shaped groove on its periphery. The center of the channel ring is hollow. The disks forming any cylinder are attached to the flanges of adjacent channel rings, so that a cylinder is made up of said disks, the annular sealing ring at their peripheries, and the space between said adjacent channel rings. The channel rings are not otherwise mechanically connected than by means of the joint between each channel ring and its respective disks. Communication between the various cylinders exists through the hollow portions of said channel rings. The resultant structure is a series of so-called cylinders in much the same form as a bellows, and the explosion of fuel therewithin results in a lengthening of this bellows structure, which motion along the axis of the structure is designed to be utilized by such well-known means as a crank-shaft. The structure is completed by the provision of end plates and intake and exhaust valves, together with a source of ignition.

Reference has been made in some detail to the peripheral joint shown by Dillon, the only practical difference between said joint and the joint of appellant being that the angle formed by the flanges on the annular ring is a right angle, whereas appellant's shell flanges are shown as having angles of approximately 45 degrees, and the further fact that Dillon seals his joint by brazing, welding, etc., whereas appellant contemplates the application of solder for this purpose. However, it is necessary to note that the joints by which the inner edges of the disks in Dillon are fastened to their respective channel ring flanges are opposite in character; that is, the flange on the channel ring abuts the pressure side of said disk, so that strain resulting from pressure within the cylinder would be in a direction tending to separate the disk from the flange, rather than to hold the abutting surfaces more tightly together.

The patent to Loepsinger relates to a pressure regulating valve designed for use in connection with an automatic sprinkler system for fire prevention; the purpose of the valve is to hold the pressure on the sprinkler system to safe limits regardless of increases in pressure in the supply system. As a part of the valve mechanism there is disclosed an expansible structure consisting of sections, each section made up of two disks, which disks are attached to hub members at their inner periphery. The outer peripheries of each pair of disks are joined by attaching the same to a ring. Inasmuch as the joint so disclosed by Loepsinger is obviously not as pertinent as that disclosed by Dillon, it is unnecessary to describe the Loepsinger structure in greater detail.

The patent to Jensen relates to metallic containers for liquids, fuel oils and the like. These containers are in the form of barrels, drums, or tanks. The cylindrical portion of the structure shown is referred to as the body portion, and the circular end members are described as heads. The drawings show a beaded edge on the body at each end, said beaded ends overlapping complementary beaded edges on the heads. The patent states:

> • • • If fluid tightness is desired or required, the overlapping beads 2 of the body portion 1 may be permanently joined to the beads 5 of the heads 4 by edge welding as indicated conventionally at 6 in Fig. II.

The joint formed by the beaded edges above referred to is such that pressure within the drum would tend to hold the contacting beads of the body and head portions in toward each other.

The patent to Wertz is of the same order as that to Jensen; the heads of the Wertz metallic container, having inwardly turned flanges, are inserted into the cylindrical or body portion, where they seat against a bead; the edges of said body portion are then swedged over to embrace said head flanges, the joint being then welded.

The British patent to Jaubert relates to metallic containers for fluids under pressure, such as hydrogen, oxygen, acetylene, etc. It shows a cylindrical body portion into which end portions are inserted; following the insertion of the end portions, the body portion is given internally projecting beads, against which the base or end portions seat; the joints between these beads and the end portions are soldered.

The British patent to Cunningham likewise relates to metallic containers for fluids under pressure. The end of the cylindrical or body portion is turned inward to bear against the periphery of the end section; this section is more or less saucer-shaped and its peripheral edge bears against the inner surface of the inwardly turned portion of the cylinder. The joint is completed by welding.

As hereinbefore stated, the basic reference is the patent to Dillon. This patent alone was not relied upon by the Patent Office tribunals as an anticipation of appellant's invention, but said tribunals found lack of patentability of appellant's claims upon Dillon in view of the patents to Jaubert, Jensen, Cunningham and Wertz.

The Board of Appeals in its decision stated:

> Referring to the Dillon patent, it is obvious that it shows the ring 15 having flanges which serve the exact function which the flanges in applicant's device serve. Hence, here is a teaching in the same art of the use of flanges to counteract the pressure on the diaphragm. It is true that at the center the flanges shown do not serve this function. If it is found that the seal will break at this point instead of at the periphery, it would seem to be obvious to any mechanic to arrange the flanges at the center on the outside of the diaphragms the same as at the periphery. The basic patent used against the claims is, therefore, very close and any secondary references might not be needed to make the modifications noted. The references showing containers all teach the use of flanges to abut the end walls. We believe that they are not too remote to teach any one working in the diaphragm art to employ flanges for the same purpose. In each case it is a question of overcoming the breaking of the seal at the joint. Any metal worker would obviously derive teaching from the prior constructions of metal containers to aid him in constructing a metal diaphragm structure.

A motion for reconsideration of said decision was made by appellant, in which motion, among other things, it was urged that Dillon alone did not anticipate appellant's invention. In its decision denying such motion the Board stated:

> *We did not rely exclusively on the Dillon patent, but also referred to the secondary references.* In these secondary references there is an appreciation expressed of the advantage the flanges on the cylindrical wall serve to prevent outward movement of the end wall. Here, we have a clear teaching of the value of the flanges. A skilled metal worker would immediately see the value of similar flanges, if used in a similar relation on other metal structures. We believe that they are sufficient to teach any metal worker to employ flanges on the inner rings in Dillon to abut the outer sides of the diaphragms so that this part of the structure will be as strong as the connection at the outer periphery of the diaphragm. We have carefully noted the decisions referred to. In the present case there appears to be sufficient teaching in the secondary references to modify the Dillon patent so as to meet the claims without involving invention. [Italics ours.]

From the foregoing it is clear that the Board did not consider the Dillon patent alone as anticipating appellant's invention.

It is plain that, if such secondary references may be resorted to, appellant's claims lack patentability; but if such secondary references relate to an art too remote to teach anyone working in the diaphragm art the use of the flanges there shown in the Dillon structure, then the claims should have been allowed.

We are of the opinion that it would not be obvious to one skilled in the diaphragm art to employ the flanges shown in the secondary references, all of which references relate to flanges for fluid containers usually in the form of barrels, drums or tanks. True, some of such references relate to containers for fluids under pressure, but all of the containers shown in the references are rigid and unyielding. The walls of the containers shown in the secondary references, if they expand and contract at all, do so to a very minor and theoretical degree; certainly they do not do so to the same extent, relatively, as does a diaphragm such as shown by appellant and by Dillon, and the structures of the secondary references are designed to avoid such expansion and contraction as far as possible, rather than to permit it.

In appellant's device, the diaphragms are permitted to move outwardly, and the flanges are employed for the prevention of the disruption or breaking of the sealed connections when the diaphragms are so moved.

In the case of *In re Bennett*, 20 C. C. P. A. (Patents) 1087, 65 F.(2d) 144, 435 O. G. 217, the appellant there claimed a sheet steel barrel construction formed of heavy gauge sheet metal. The Patent Office tribunals relied upon a basic reference showing a barrel head of the type disclosed by Bennett, but not having the particular form of closure claimed by him. A secondary reference was relied upon by the Patent Office tribunals showing a closure for cans, the closure of which was so similar to that employed by Bennett that, if such secondary reference could be properly resorted to, the claims of Bennett lacked patentability. We reversed the decision of the Board of Appeals in that case and held that the claims were patentable. In our opinion we stated:

> After careful consideration of the matter, we are inclined to the belief that the claims of the appellant should have been allowed. There is great doubt whether the fact that a similar method of closure which might have been applied to tin cans and paint buckets, would suggest to the mind of one skilled in the art of manufacturing steel barrels that the same principle might be applied to the manufacture of such barrels. We are clearly of the opinion that such worker in the art, on an inspection of the Schroeder barrel, would not, because of his observation of the same, be led without experimentation to a conception of the closure disclosed by the appellant in this case. * * *

We think there is a close analogy in the case last cited to the case at bar.

On the other hand, the Solicitor for the Patent Office calls attention to our decision in the case of *In re Raleigh*, 20 C. C. P. A. (Patents) 751, 62 F.(2d) 200, 428 O. G. 517, which case involved a joint in a member which had flexible metal members to move under the influence of pressure. There, as here, there was a basic patent and a secondary reference. The secondary reference had a very broad claim which embraced "The method of seaming sheet metal hollow articles, * * *." In our opinion we said:

> It is argued first, by appellant, that Sonneborn's patent is not an analogous art. We are not able to agree with this contention. Both the appellant and Sonneborn are engaged in the art of making fluid tight seams in metal of the same general character. As stated in *In re Schneider*, 18 C. C. P. A. (Patents) 1114, 47 F.(2d) 970, the test is: * * * Is the patentable conception in Reich in an art so remote and nonanalogous to the concept in applicant's art as to require invention to make the necessary substitution?
>
> It is our opinion that no invention is involved in utilizing Sonneborn's seam and method in constructing appellant's thermostatic cell.

We cannot agree with the Solicitor for the Patent Office that the case last cited is as nearly in point as the case of *In re Bennett*, supra.

It is our opinion that the Board of Appeals erred in holding that the secondary references were available to supplement the Dillon reference, and for that reason its decision is reversed.

Reversed.

U. S. Court of Customs and Patent Appeals

IN RE RIDDLE

No. 3,649. Decided June 8, 1936

[83 F.(2d) 920]

1. PATENTABILITY—ANALOGOUS ARTS.
"* * * propellers to be used in air and propellers to be used in water belong at least to closely allied arts; both operate through fluids, one water and the other air."

2. SAME—VARIABLE PITCH AIR PROPELLERS.
Claims for a variable pitch air propeller *Held* unpatentable in view of the prior art.

APPEAL from the Patent Office. Affirmed.

Mr. Charles E. Riordon, Mr. C. Russell Riordon, and *Mr. A. B. Bowman* for Riddle.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

LENROOT, *J.*:

This appeal brings before us for review a decision of the Board of Appeals of the United States Patent Office, affirming a decision of the Examiner rejecting claims 13, 15, 16, and 17 of appellant's application upon the ground that they are not patentable in view of the cited prior art.

Claim 13 is illustrative of the claims in issue and reads as follows:

> 13. In a variable pitch air propeller, a hub secured to the propeller shaft of an engine, a casing secured to said hub and revoluble therewith, propeller blades extending from said casing and rotatable about their longitudinal axes, the centers of thrust of said propeller blades being between their longitudinal axes and their trailing edges, said propeller blades having extended bulged portions near said casing at their trailing edges and decreasing outwardly and means responsive to centrifugal action mounted within said casing and connected with said propeller blades for controlling the pitch thereof.

A large number of references were cited by the Examiner, but the Board of Appeals relied only upon the following: Taylor (British), 7,084, of 1909; Goberau et al. (British), 293,307, December 30, 1929; Steinmetz, 1,761,690, June 3, 1930.

The alleged invention is described by the Board of Appeals in its decision as follows:

> The claims on appeal are directed to a variable pitch propeller designed for use on aircraft. The propeller has a chambered hub on the rim of which are two unsymmetrical blades mounted to turn about radial axes. These blades are provided within the hubs with beveled gears which both mesh with a third gear of the same type mounted coaxially of the propeller shaft. Associated with the gear last mentioned is a spur gear which meshes with a pair of spur pinions, each of which carries an offset weight. These weights are normally held close to the propeller axis by suitable springs. As the propeller is rotated, the weights tend to move outwardly under the action of centrifugal force and through the gearing described rotate the blades to a more effective position. The unsymmetrical character of the blades, due to the action of the air thereon, tends to cause them to assume a "no-pitch" position.

The patent to Steinmetz relates to a variable pitch and reversible propeller for aeroplanes and like aerial machines. The patent states:

> * * * it is the main object of the present invention to provide means for increasing or decreasing the pitch of the propeller blades whereby their propulsive force may be measurably modified without recourse to changing the speed of the motor.
>
> A further feature is in the provision of means whereby the propeller blades will automatically assume an angle or pitch adapted to cause an increased forward movement of the machine, such arrangement being highly desirable when the machine reaches a high altitude or enters a thin or attenuated stratum of air in which the usual pitch of the blades is insufficient to properly propel the machine.
>
> Another purpose is to produce propeller blades so mounted as to turn upon their longitudinal axes to any desired extent either controlled by an operator, or automatically as may be preferred, and which can be completely reversed to act as a brake in retarding the machine, as at landing or approaching a mooring mast.

The British patent to Goberau et al. also relates to propellers with automatically variable pitch. Claim 1 of said patent embraces the elements constituting the invention therein disclosed and reads as follows:

> 1. Variable pitch propeller having blades orientable with respect to a hub, a support on which the blades are orientably mounted, centrifugal masses mounted on the said support, an entraining member fixed on the engine shaft adapted to rotate the said blades on their axes when relative movement takes place between the said support and the said carrier and thus to alter the pitch of the propeller and engaging means between the said entraining member and the centrifugal masses whereby the radial displacement of the centrifugal masses controls the said relative movement of the support and entraining means so as to increase the propeller pitch as the said radial displacement increases thus producing a balance between the propeller and engine torques and an optimum pitch of the blades.

The British patent to Taylor relates to screw propellers having blades rotatable about their longitudinal axes. As shown, the blades are of unsymmetrical shape, having a larger surface on the rear or trailing edge of the blade. The patent states:

> According to my invention, the rigid blades, which are each formed with a spindle end in alignment (or approximately so) with the forward edge of the blades, have their spindle ends projecting through suitable bearings where they are provided with cams or like projections which are acted upon by strong springs preferably under compression, which may tend to keep the blades in a normal position of steep pitch or of feather but which yield to the resistance of the water or air to the blades within certain useful limits. The arrangement is such that the angle or pitch assumed by the blades varies according to the resistance so that a more equal propelling effect is produced.

The claims on appeal were rejected on either one of the patents to Steinmetz and to Goberau et al., in view of the patent to Taylor, which latter patent discloses an unsymmetrical blade similar to that described in the claims here involved, which blade, however, as hereinbefore noted, was applied to a screw propeller.

Appellant concedes that the patent to Goberau et al. discloses appellant's combination with the exception of the unsymmetrical blade and the encasing of the governor balls and main portion of the governor. As to this latter element, the Solicitor for the Patent Office points out that the patent to Steinmetz discloses that it is old to enclose within a hub casing the gearing and centrifugal mechanism for turning the blades. We are clear that patentability of the claims may not rest upon this element.

Appellant relies mainly upon the contention that the propeller disclosed in the patent to Taylor is in a non-analogous art; that a water propeller operates in a different manner than an air propeller and is suggestive of nothing pertinent to aerodynamics; and that invention would be involved to modify the structures of Steinmetz or Goberau et al. by the use of blades such as are disclosed by Taylor.

[1] In our opinion, the only question in the case is whether the patent to Taylor is avilable as a reference in combination with either Steinmetz or Goberau et al. We are in agreement with the Patent Office tribunals that the Taylor patent is a proper reference, for we think that propellers to be used in air and propellers to be used in water belong at least to closely allied arts; both operate through fluids, one water and the other air. The principles upon which the unsymmetrical blades disclosed in the Taylor patent are based are applicable to air as well as water, and this is expressly stated in said patent wherein it is said that the blades "yield to the resistance of the water or air * * * within certain useful limits."

[2] We are therefore in agreement with the Board of Appeals that it would be obvious to one skilled in the art so to modify the structure shown in either the Steinmetz or the Goberau et al. patents by substituting for the blades shown therein the unsymmetrical blades shown by Taylor, and hence invention was not involved in producing the structure embraced in the claims in issue.

For the reasons stated, the decision of the Board of Appeals is affirmed.

Affirmed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

961,624, E. Lumpkin, Cotton gin, filed Oct. 17, 1936, D. C., N. D. Tex. (Dallas), Doc. 3723–979, *Lummus Cotton Gin Co.* v. *The Murray Co.*

1,031,864, H. Pauling, Method of concentrating nitric acid, D. C. Dela., Doc. E 732, *Southern Electro-Chemical Co.* v. *Hercules Powder Co.* Decree upon stipulation, dismissing bill Oct. 26, 1936.

1,129,942, H. D. Arnold, Gaseous repeater in circuits of low impedance; 1,403,475, same, Vacuum tube circuit; 1,465,332, same, Vacuum tube amplifier, D. C., S. D. N. Y., Doc. E 50/178; *Western Electric Co., Inc., et al.* v. *General Talking Pictures Corp.* Decree for plaintiff (notice Oct. 28, 1936).

1,132,186, E. W. Kelley, Traffic signaling system, appeal filed Aug. 12, 1936, C. C. A., 3d Cir., Doc. 6219, *E. W. Kelley et al.* v. *City of Atlantic City et al.*

1,231,764 (*a*), F. Lowenstein, Telephone relay; 1,426,754, R. C. Mathes, Circuits for electron discharge devices, D. C., S. D. N. Y., Doc. E 50/177, *Western Electric Co., Inc., et al.* v. *General Talking Pictures Corp.* Decree for plaintiff (notice Oct. 28, 1936).

1,231,764 (*b*), F. Lowenstein, Telephone relay; 1,618,017, same, Wireless telegraph apparatus; 1,403,475, H. D. Arnold, Vacuum tube circuit; 1,465,332, same, Vacuum tube amplifier; 1,403,932, R. H. Wilson, Electron discharge device; 1,573,374, P. A. Chamberlain, Radio condenser; 1,702,833, W. S. Lemmon, Electrical condenser; 1,811,095, H. J. Round, Thermionic amplifier and detector; Re. 18,579, Ballantine & Hull, Demodulator and method of demodulation, D. C., S. D. N. Y., Doc. E 78/125, *Radio Corp. of America et al.* v. *Bel-Rad Products Co., Inc., et al.* Decree pro confesso for plaintiff (notice Oct. 31, 1936).

1,262,860, S. B. Smith, Incubator, D. C., S. D. Iowa, E. Div., Doc. E 4080, *S. B. Smith* v. *Miller Hatcheries, Inc., of Iowa.* Dismissed without prejudice Nov. 2, 1936.

1,286,125, F. L. Sessions, Knitting needle, D. C., S. D. N. Y., Doc. E 76/172, *Bernhard Ulman Co., Inc.* v. *Stern Bros., Inc.* Dismissed upon merits (notice Oct. 30, 1936).

1,307,734, A. V. Gulliborg, Lubricating means, D. C., N. D. Iowa, W. Div., Doc. E 427, *Stewart-Warner Corp.* v. *H. C. Caldwell (Red Triangle Products), et al.* Dismissed Oct. 22, 1936.

1,321,460, E. H. Lichtenberg, Control device for mixing machine; 1,338,761, C. P. Wetmore, Timing mechanism for intermittently fed machine; 1,532,277, H. A. Trester, Control mechanism for mixing machines; 1,551,103, H. S. Hatton, Concrete mixer; 1,451,483, H. O. Winkler, Batch mixer and meter, filed Oct. 27, 1936, D. C., S. D. Calif. (Los Angeles), Doc. E 1039–M, *Kochring* v. *G. C. Smith.*

1,338,570, M. Isaacs, Cloth laying machine, filed Nov. 4, 1936, D. C., S. D. N. Y., Doc. E 84/95, *A. I. Isaacs* v. *M. Breth (Breth System).*

1,338,761. (See 1,321,460.)

1,347,183, R. S. Smith, Metal wheel; 1,413,030, D. Kapuczin, Wheel; Des. 88,509, C. L. Eksergian, Artillery wheel; Des. 88,510, Eksergian & Davenport, same; Des. 88,511, same, Torpedo disc wheel, D. C. Dela., Doc. E 1041, *Budd Wheel Co.* v. *General Motors Corp. et al.* Bill, supplemental bill, and amended supplemental bill dismissed without prejudice Oct. 16, 1936.

1,354,633, R. Tossell, Bumper for motor vehicles, D. C., E. D. Mich. (Detroit), Doc. 7646, *American Chain Co., Inc.*, v. *Safety Cushion Bumper & Mfg. Co.* Dismissed without prejudice (notice Nov. 3, 1936).

1,363,200, Wells & Hunter, Automatic feed and delivery for platen presses, appeal filed Nov. 6, 1936, C. C. A., 2d Cir., Doc. —, *Brandtjen & Kluge, Inc.* v. *J. Freeman.*

1,374,454, P. Kucera, Apparatus for assembling cellular forms, filed Oct. 31, 1936, D. C., S. D. N. Y., Doc. E 84/93, *Partition Machinery Co.* v. *Dubl-Cushion Egg Carton, Inc.*

1,376,390, A. J. Michelin, Demountable wheel, D. C. Del., Doc. E 1042, *Michelin & Cie et al.* v. *General Motors Corp. et al.* Dismissed without prejudice Oct. 16, 1936.

1,377,023, B. S. Nelson, Lubricating device, D. C., N. D. Iowa., W. Div., Doc. E 426, *Stewart-Warner Corp. et al.* v. *H. C. Caldwell (Red Triangle Products).* Patent held valid and infringed Oct. 22, 1936.

1,381,325, G. J. Meyer, Soaking and washing machine; 1,536,302, Meyer & Fischer, Expanding brush, D. C., N. D. Ohio, E. Div., Doc. 4583, *G. J. Meyer Mfg. Co.* v. *Union Engineering Co. et al.* Dismissed without prejudice Oct. 30, 1936.

1,403,475. (See 1,129,942 and 1,231,764 (*b*).)

1,403,932. (See 1,231,764 (*b*).)

1,413,030. (See 1,347,183.)

1,426,754. (See 1,231,764 (*a*).)

1,451,483. (See 1,321,460.)

1,465,332. (See 1,129,942 and 1,231,764 (*b*).)

1,532,277. (See 1,321,460.) 1,536,302. (See 1,381,325.)

1,538,980, A. L. Genter, Continuous vacuum filter, appeal filed Nov. 3, 1936, C. C. A., 10th Cir., Doc. 1496, *Oliver United Filters, Inc.*, v. *The Eimco Corp. et al.*

1,551,103. (See 1,321,460.)

1,573,374. (See 1,231,764 (*b*).)

1,589,581, Young & Gephart, Ventilator, filed Nov. 2, 1936, D. C., N. D. Iowa., E. Div., Doc. E 248, *H. H. Robertson Co.* v. *Klauer Mfg. Co.*

1,618,017. (See 1,231,764 (*b*).)

1,677,232, J. F. Gail, Mattress or cushion and boxing therefor and process of making same; 1,941,794, same, Tufted mattress and method of making same, D. C. Del., Doc. E 1161, *Simmons Co.* v. *Salisbury-Satterlee, Way Co.* Injunction Oct. 6, 1936.

1,699,076, Mumm & Mumm, Sausage casing and process of producing same; 1,837,280, B. J. Mumm, same, C. C. A., 8th Cir., Doc. 10,552, *B. J. Mumm* v. *J. E. Decker & Sons.* Decree affirmed Nov. 2, 1936.

1,702,833. (See 1,231,764 (*b*).)

1,811,095. (See 1,231,764 (*b*).)

1,834,907, R. S. Trott, Engine mounting; 1,890,871, same, Automotive vehicle; 1,897,014, same, Engine mounting, C. C. A., 10th Cir., Doc. 1329, *R. S. Trott et al.* v. *N. R. Cullen et al. (Cullen-Thompson Motor Co.).* Decree affirmed Oct. 23, 1936.

1,837,280. (See 1,699,076.) 1,890,871. (See 1,834,907.)

1,897,014. (See 1,834,907. 1,916,798. (See Re. 19,524.)

1,941,794. (See 1,677,232.)

1,951,685, H. A. Wheeler, Peak detector; 2,041,273, same, Amplifier volume control, filed Oct. 28, 1936, D. C. Del., Doc. E 1192, *Hazeltine Corp.* v. *Radio Corp. of America et al.*

1,957,272, 1,993,173, P. H. Kuyper, Venetian blind construction; Des. 98,260, same, Combined Venetian blind and housing therefor, D. C., W. D. Mo. (Kansas City), Doc. 2848, *Rolscreen Co.* v. *F. C. Miller.* Consent decree, injunction Oct. 31, 1936.

1,985,777, R. Hamilton, Tractor, filed Oct. 29, 1936, D. C., S. D. Calif. (Los Angeles), Doc. E 1043–Y, *R. Hamilton* v. *Shepperd Tractor & Equipment Co.*

1,993,173. (See 1,957,272.) 2,041,273. (See 1,951,685.)

2,051,550, W. H. Dodson, Cotton gin, filed Nov. 4, 1936, D. C., N. D. Tex. (Dallas), Doc. E 3729–985, *The Murray Co.* v. *Lummus Cotton Gin Co.*

2,053,481, J. Kainen, Method of making buckle frame, D. C., S. D. N. Y., Doc. E 84/73, *Algren Mfg. Co., Inc.*, v. *K. Shaya et al.* (Defendant's title amended Oct. 30, 1936). Consent decree for plaintiff (notice Nov. 4, 1936).

2,059,043, H. Schwerner, Sculptured display bust, filed Oct. 31, 1936, D. C., S. D. N. Y., Doc. E 84/92, *H. Schwerner* v. *J. Sanders et al. (Sanders Display Co.).*

Re. 18,579. (See 1,231,764 (*b*).)

Re. 18,841, J. Mayer, Hair waving method, filed Oct. 30, 1936, D. C. Minn., 4th Div., Doc. E 2948, *The Philad Co.* v. *Paul's, Inc.*

Re. 19,524, L. W. Hottel, Means for forming plastic articles; 1,916,798, same, Molding press for hollow articles, D. C. Del., Doc. E 1176, *The Richardson Co.* v. *General Motors Corp.* Dismissed Oct. 16, 1936.

Des. 88,509. (See 1,347,183.)

Des. 88,510. (See 1,347,183.)

Des. 88,511. (See 1,347,183.)

Des. 95,005, R. A. Weiss, Blouse, filed Nov. 4, 1936, D. C., S. D. N. Y., Doc. E 84/96, *Weiss & Williams, Inc.*, v. *Mitchell & Weber, Inc.*

Des. 98,260. (See 1,957,272.)

TRADE-MARKS

OFFICIAL GAZETTE, DECEMBER 22, 1936

[VOL. 473. No. 4]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly-Prepared Materials

Ser. No. 382,477. ISLAND CREEK COAL SALES COMPANY, Cincinnati, Ohio. Filed Aug. 22, 1936.



For Coal.
Claims use since Aug. 4, 1936.

CLASS 2

Receptacles

15. ZIGNE M. ANGELIN, Santa Monica, Calif. [illegible]5; 1936.



For Box-like Metallic (or Other Rigid Material) Containers for Bread, Cake, and the Like.
Claims use since Dec. 18, 1935.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 378,870. JULIUS LUSTIG, doing business as Lustor Manufacturing Company, San Jose, Calif. Filed May 25, 1936.

Lustor

For Felt Hat Cleaner.
Claims use since Feb. 1, 1935.

Ser. No. 379,339. MICHAEL FEINBERG, doing business as Feinberg Kosher Sausage Company, Minneapolis, Minn. Filed June 5, 1936.



The star and the Jewish characters therein and the word "Kosher Cleanser" are disclaimed. The word Mazel means luck.
For Household Cleaner.
Claims use since September, 1935.

Ser. No. 380,786. MORTON G. NEUMANN, doing business as Valmor Products Co., Chicago, Ill. Filed July 8, 1936.

Sweet Georgia Brown

For Toilet Soap.
Claims use since Feb. 1, 1927.

Ser. No. 383,537. LES PARFUMS CHYPRON SOCIETE ANONYME, Courbevoie/Seine, France. Filed Sept. 23, 1936.

MYRIAD

For Shaving Soap, Toilet Soap, Glycerine Soap, Bath Soap, Cream Soap, Liquid Glycerine Soap, Silver Cleaning Soap, Shaving Stick.
Claims use since Jan. 16, 1936.

Ser. No. 383,725. CECIL V. DICKSON, doing business as Cosmic Products Company, Oakland, Calif. Filed Sept. 28, 1936.



The words "Metal" and "Cleaner & Polisher" are disclaimed apart from the mark as shown.
For Metal Cleaning and Polishing Preparations.
Claims use since Sept. 10, 1936.

Ser. No. 383,796. ALLIED KID COMPANY, Boston, Mass. Filed Sept. 30, 1936.

SHADOW KID

The word "Kid" apart from the mark shown is disclaimed.
For Shoe and Leather Dressings.
Claims use since July 10, 1936.

Ser. No. 383,910. JACOB L. BAROWSKY, doing business as Adell Chemical Company, Holyoke, Mass. Filed Oct. 3, 1936.

LESTOIL

For Cleansing Composition in Liquid Form Added as an Aid to Aqueous Cleansing Compositions Used in Laundries.
Claims use since Sept. 24, 1936.

Ser. No. 384,571. R. R. STREET & CO. INC., Chicago, Ill. Filed Oct. 19, 1936.

FABRICOL

For Cleaner for Removal of Soil and Stains from Textile Fabrics.
Claims use since Mar. 30, 1935.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 372,995. THE PURE OIL COMPANY, Chicago, Ill. Filed Dec. 23, 1935.



The word "Pure" apart from the association shown is disclaimed.
For Automobile Radiator Cleaning Compound and Preserver, Compound for Stopping Leaks in Automotive Water Cooling Systems.
Claims use since Dec. 20, 1934.

Ser. No. 374,893. THE MODESS CORPORATION, New Brunswick, N. J. Filed Feb. 15, 1936.

N-O-V-O

For Cleansing and Deodorizing Preparation—Namely, A Douche Preparation.
Claims use since Oct. 15, 1935.

Ser. No. 381,524. BRITISH COD LIVER OIL PRODUCERS (HULL) LIMITED, Hull, England. Filed July 28, 1936.



For Preparations of Cod Liver Oil for Veterinary Purposes and Preparations of Cod Liver Oil For Use in Medicine and Pharmacy.
Claims use since Mar. 30, 1936.

Ser. No. 382,456. NELLE K. WING, doing business as De Pew Chemical Company, Kansas City, Mo. Filed Aug. 21, 1936.

SANO-SEE

For Eye Medicines.
Claims use since Jan. 28, 1926.

Ser. No. 383,600. GEORGE ROMERO, doing business as Jacky Dog Remedies Co., New York, N. Y. Filed Sept. 24, 1936.

JACKY'S DOG TRADE MARK

The words "Dog" and "Trade-Mark" are disclaimed apart from the mark.
For Medicines for Dogs and Puppies for Use as a Laxative, Stimulant to the Kidneys, Intestinal Astringent, and a Nerve Sedative.
Claims use since September, 1935.

Ser. No. 383,620. HALE'S PREPARATIONS COMPANY, INC., Clifton, N. J. Filed Sept. 25, 1936.

HALE'S
BALSA PINE

The word "Pine" is disclaimed apart from the mark shown.
For Ointment for the Relief of Colds, Neuralgia, Sore Throat, Congestion, and the Like.
Claims use since Sept. 3, 1936.

Ser. No. 383,880. HAROLD D. FARBER, Binghamton, N. Y. Filed Oct. 2, 1936.

Lois Carol

For Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Face Bleaches, Face Packs, Skin Whitener in Liquid, Cream, and Solid Form, Eyebrow and Eyelash Grower, Eye Drops, Eyebrow Pencils, Chemical Preparations Suitable for the Darkening of Eyebrows and Eyelashes, Hand Lotions, Skin Lotions, After Shaving Lotions, Pomades, Face Powders, Talcum Powders, Body Powders, Sachets, Hair Salves, Hair Elixirs, Dandruff Preparations, Hair Tonics, Hair Oils, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lipsticks, Incense, Tooth Powders, Mouth Washes, Dentifrices, Depilatories, Tooth Pastes, Nail Creams, Nail Bleaches, Nail Powders, Nail Polishes, Witch Hazel, Peroxide, Petroleum Jellies, Witch Hazel Salves, Camphor Creams, Foot Powders, Corn Salves, Deodorants, Disinfectants, Bay Rum, Perfumes, and Toilet Waters.
Claims use since Sept. 26, 1936.

Ser. No. 383,992. ENOZ CHEMICAL COMPANY, Chicago, Ill. Filed Oct. 5, 1936.

DRAIN-ZIT

For Drain Pipe Flush.
Claims use since Sept. 16, 1936.

Ser. No. 384,010. THE POMPEIAN COMPANY, INC., Bloomfield, N. J. Filed Oct. 5, 1936.

Pompeian



For Rolling Massage Cream.
Claims use since Feb. 15, 1936.

Ser. No. 384,052. CONSTANTINE N. SALIS, doing business as Salis-Pit Co., Detroit, Mich. Filed Oct. 6, 1936.



The drawing is lined for red.
For Herb Preparation for Treatment of Gastric Disturbances.
Claims use since July 16, 1935.

Ser. No. 384,070. ABBOTT LABORATORIES, North Chicago, Ill. Filed Oct. 7, 1936.

AMDELATE

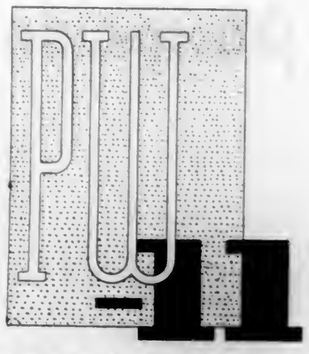
For Medicinal Syrup Containing Ammonium Mandelate Used as a Urinary Antiseptic.
Claims use since July 10, 1936.

Ser. No. 384,125. HOPE, INC., New York, N. Y. Filed Oct. 8, 1936.



The drawing is lined for red and blue.
For Tablets Containing a Tonic Ingredient.
Claims use since Sept. 23, 1936.

Ser. No. 384,137. SALES ASSOCIATES, LTD., Los Angeles, Calif. Filed Oct. 8, 1936.



The drawing is lined for silver.
For Permanent Wave Admixtures.
Claims use since Sept. 10, 1936.

Ser. No. 384,359. GEORGE GALLOWHUR, Mt. Kisco, N. Y. Filed Oct. 14, 1936.

SULTAR

For Hair Shampoo Preparation.
Claims use since Sept. 15, 1936.

Ser. No. 384,526. RICHARD A. GARFIELD, New York, N. Y. Filed Oct. 19, 1936.



The words "Sodium Bi-Carbonate Chewing Gum Minty" are disclaimed apart from the mark.
For Chewing Gum to be Used for the Relief of Colds and Indigestion.
Claims use since Jan. 10, 1936.

CLASS 10

Fertilizers

Ser. No. 384,711. KOPPEL INDUSTRIAL CAR AND EQUIPMENT CO., Koppel, Pa. Filed Oct. 23, 1936. Under section 5b of the act of 1905 as amended in 1920.



For Fertilizer and Fertilizer Materials.
Claims use since January, 1924.

CLASS 12

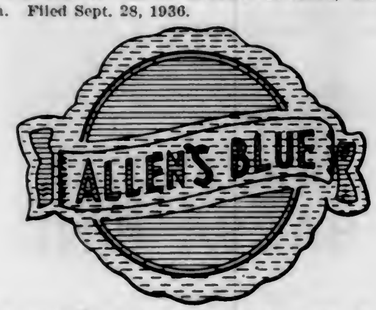
Construction Materials

Ser. No. 368,958. WALTER R. SIMONS, Los Angeles, Calif. Filed Sept. 3, 1935.

"GROUTLOCK"

For Building Construction Materials—Namely, Walls and Partitions, Hollow Tile, Concrete Block, Fired Brick, Structural Steel, Tie Rods, and Slacked Lime.
Claims use since Dec. 1, 1932.

Ser. No. 383,709. ALLEN GRANITE COMPANY, Elberton, Ga. Filed Sept. 28, 1936.



The word "Blue" is disclaimed apart from the mark shown. The drawing is lined for blue and silver.
For Cut or Finished Granite.
Claims use since Jan. 5, 1934.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 384,613. COLUMBIAN STEEL TANK COMPANY, Kansas City, Mo. Filed Oct. 21, 1936.



For Copper Nickel Steel Alloy Sheets.
Claims use since Apr. 25, 1936.

CLASS 15

Oils and Greases

Ser. No. 374,909. SCIENTIFIC OIL CORPORATION, Indianapolis, Ind. Filed Feb. 15, 1936.



The word "Motor" is disclaimed apart from the mark.
For Lubricating Oil.
Claims use since Feb. 1, 1936.

Ser. No. 384,033. THOMAS EDWARDS, doing business as Westmoreland Oil & Gas Co., Greensburg, Pa. Filed Oct. 6, 1936.

WESCO

For Gasolene and Kerosene.
Claims use since Aug. 1, 1924.

CLASS 16

Paints and Painters' Materials

Ser. No. 383,404. THE PAYSON VARNISH CO., New York, N. Y. Filed Sept. 18, 1936.

PAYSONTHETIC

For Paints in Ready Mixed and Paste Form, Varnishes, Paint Enamels.
Claims use since Aug. 31, 1936.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 383,128. GLOBE SPECIALTY COMPANY, Chicago, Ill. Filed Sept. 11, 1936.



The compound word "Glo-Brite" is disclaimed apart from the mark as shown.
For Automobile Safety Reflecting and Signal Lenses and Buttons.
Claims use since August, 1934.

Ser. No. 383,480. PIERCE-ARROW MOTOR CORPORATION, Buffalo, N. Y. Filed Sept. 21, 1936.

TRAVELODGE

For Trailers.
Claims use since Aug. 15, 1936.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 372,094. THE PURE OIL COMPANY, Chicago, Ill. Filed Dec. 23, 1935.



The word "Pure" apart from the association shown is disclaimed.
For Batteries and Battery Cables.
Claims use since Dec. 21, 1934.

Ser. No. 384,146. WEBSTER ELECTRIC COMPANY, Racine, Wis. Filed Oct. 8, 1936.

TELETALK

For Inter-communicating Sound Amplifying and Transmitting Systems Comprising Speakers, Amplifiers, Microphones, Inter-connecting Circuits and Energizing Devices Whereby Conversation at Either Point May be Heard at the Other Point of Communication.
Claims use since Sept. 24, 1936.

Ser. No. 384,959. DITTO, INCORPORATED, Chicago, Ill. Filed Oct. 30, 1936.



Ditto

For Electrically Operated Duplicating Machines.
Claims use since Feb. 15, 1932.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 385,206. JOHN WILLIAM WOLF, South Croydon, England. Filed Nov. 5, 1936.

LINCARD

For Card Games.
Claims use since Sept. 11, 1936.

Ser. No. 385,232. PARKER BROTHERS, INC., Portland, Maine and Salem, Mass. Filed Nov. 6, 1936.

GRAND JURY BOX

For Game Played with Large Descriptive Cards.
Claims use since Nov. 4, 1936.

Ser. No. 385,233. PARKER BROTHERS, INC., Portland, Maine and Salem, Mass. Filed Nov. 6, 1936.

JURY BOX

For Game Played with Large Descriptive Cards.
Claims use since Nov. 4, 1936.

Ser. No. 385,234. PARKER BROTHERS, INC., Portland, Maine and Salem, Mass. Filed Nov. 6, 1936.

PARLOR BEDLAM

For Game Played with Descriptive Cards.
Claims use since Nov. 4, 1936.

Ser. No. 385,349. THE ENTERPRISE MANUFACTURING COMPANY, Akron, Ohio. Filed Nov. 10, 1936.

TITAN

For Fish Hooks.
Claims use since Oct. 30, 1936.

Ser. No. 385,442. EDWARD K. LINCOLN, New York, N. Y. Filed Nov. 12, 1936.

BUDDY NIFTEEBURD

For Toy Banks.
Claims use since Sept. 1, 1936.

Ser. No. 385,443. EDWARD K. LINCOLN, New York, N. Y. Filed Nov. 12, 1936.

TOOTS NIFTEEBURD

For Toy Banks.
Claims use since Sept. 1, 1936.

Ser. No. 385,539. SELCHOW & RIGHTER COMPANY, New York, N. Y. Filed Nov. 14, 1936.

CARGOES

For Board Games Played with Cards and Dice.
Claims use since September, 1935.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 377,460. THE DORR COMPANY, INC., New York, N. Y. Filed Apr. 21, 1936.

TORQ

For Apparatus for the Treatment of Solids Suspended in Liquids and More Particularly for Sedimentation Apparatus Such as Thickeners and Clarifiers.
Claims use since Mar. 3, 1936.

Ser. No. 378,033. BRESDUCK, INC., New York, N. Y. Filed May 5, 1936.

BB BEAU BRUMMEL

For All Manner and Kinds of Razors, Shears, Scissors, Knives of Base Metal, and Hair Clippers.
Claims use since May 5, 1930.

Ser. No. 383,018. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill. Filed Sept. 8, 1936. Under section 5b of the act of 1905 as amended in 1920.

DEERING

For Milking Machines and Parts Thereof.
Claims use since Dec. 1, 1929.

Ser. No. 383,021. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill. Filed Sept. 8, 1936. Under section 5b of the act of 1905 as amended in 1920.

McCORMICK

For Milking Machines and Parts Thereof.
Claims use since Dec. 1, 1929.

Ser. No. 383,022. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill. Filed Sept. 8, 1936.

McCORMICK-DEERING

For Milking Machines and Parts Thereof.
Claims use since Dec. 1, 1929.

Ser. No. 383,832. RICHARD C. WALSH, New York, N. Y. Filed Sept. 30, 1936.



The word "Electric" apart from the mark shown is disclaimed. The portrait is fanciful.
For Barber's Supplies—Namely, Razors, Razor Blades, and Scissors.
Claims use since Sept. 22, 1936.

Ser. No. 383,915. DELUXE PRODUCTS CORPORATION, La Porte, Ind. Filed Oct. 3, 1936.

DELUXE

For Oil Filters Used as Accessories of Internal Combustion Engines.
Claims use since Jan. 5, 1934.

Ser. No. 384,144. B. F. STURTEVANT COMPANY, Hyde Park, Boston, Mass. Filed Oct. 8, 1936.

PLANOVANE

For Conveying Fans for Conveying Shavings, Saw Dust, Emery Dust, Cotton, Wood, and Other Materials in a Current of Air.
Claims use since Mar. 20, 1935.

CLASS 25

Locks and Safes

Ser. No. 376,104. SACHS-LAWLOR CO., Denver, Colo. Filed Mar. 17, 1936.

DURO

For Metal Seals.
Claims use since Feb. 1, 1936.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 371,094. JULIEN P. FRIEZ & SONS, INC., Baltimore, Md. Filed Nov. 2, 1935.

HYTHERSTAT

For Instrument for Controlling Humidity and Temperature Wherein Humidity and Temperature Actuate the Instrument to Control Humidity and Heat Generating or Absorbing Devices.
Claims use since Oct. 10, 1935.

Ser. No. 379,278. HOWARD MASTERSON, Burbank, Calif. Filed June 5, 1936.

PARKING TAX-O-METER

The words "Parking" and "Meter" are disclaimed apart from the mark as shown.
For Parking meter.
Claims use since Mar. 25, 1936.

Ser. No. 383,269. MARCH OF FASHION, INC., New York, N. Y. Filed Sept. 15, 1936.

March of Fashion

The word "Fashion" is disclaimed apart from the mark shown.
For Motion Picture Film for Depicting Wearing Apparel.
Claims use since Sept. 14, 1936.

Ser. No. 383,859. PETER G. SCHREUDERS, Tacoma, Wash. Filed Oct. 1, 1936.

KANAK

For Device for Measuring Foods, the Device Adapted to be Attached to the Food Container.
Claims use since June 15, 1936.

Ser. No. 383,966. VIRGINIA LENS CO., INC., Petersburg, Va. Filed Oct. 3, 1936.

VALCO

For Ophthalmic Lenses.
Claims use since June 1, 1936.

Ser. No. 384,914. CARL ZEISS, Jena, Germany. Filed Oct. 28, 1936.

Biogon

For Photographic, Microphotographic, Projecting, and Microscope Objectives.
Claims use since Mar. 9, 1936.

Ser. No. 384,915. CARL ZEISS, Jena, Germany. Filed Oct. 28, 1936.

Telmira

For Lenses, Eyeglasses, Reading Glasses, Magnifying Glasses, Field Glasses, Telescopes, Microscopes, Photographic Cameras, Spectacles, Spectacle-Glasses, Spectacle-Lens Systems, Goggles.
Claims use since Nov. 16, 1935.

CLARENCE LIBRARY OF ATLANTA

CLASS 33

Glassware

Ser. No. 366,352. THE BAER & WILDE COMPANY, Attleboro, Mass., assignor to Swank Products, Inc., Attleboro, Mass., a corporation of Delaware. Filed June 19, 1935.

SWANK

For Glass Drinking Novelties—Namely, Bottles, Decanter Sets, and Liquor Sets, Comprising Liquor Decanters, Bottles, Drinking Glasses, Glass Jars, Glass Steins, Liquor Glasses, Glass Spoons, Glass Sippers, and Glass Jiggers.

Claims use since May 21, 1935.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 383,202. APEX MANUFACTURING COMPANY, Kansas City, Mo. Filed Sept. 14, 1936.



For Air Conditioning Units.

Claims use since July 29, 1936.

Ser. No. 383,876. R. E. DIETZ COMPANY, New York, N. Y. Filed Oct. 2, 1936.

COMET

For Oil Burning Lanterns and the Burners and Metal Parts Thereof.

Claims use since July 12, 1935.

Ser. No. 384,131. MOTOR WHEEL CORPORATION, Lansing, Mich. Filed Oct. 8, 1936.

KERO THERM

For Oil Burners and Oil Burning Heating Stoves and Cooking Ranges.

Claims use since Sept. 3, 1936.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 372,992. THE PURE OIL COMPANY, Chicago, Ill. Filed Dec. 23, 1935.

PURE

The word "Pure" apart from the mark shown is disclaimed.

For Top Patches for Automobiles, Fan Belts, Hot Patches for Repairing Tubes, Repair Kits for Applying Hot Patches to Tubes, Automobile Tube Repair Kits, Blowout Boots for Automobile Tires, and Radiator Hose.

Claims use since Nov. 28, 1934.

Ser. No. 384,028. HAROLD CASE, doing business as The Marlo Company, New York, N. Y. Filed Oct. 6, 1936.

MARLO

For Machinery Packing Consisting in the Greater Part of Metal but with a Small Portion of Organic Material, Power Transmission Belting, and Brake Lining.

Claims use since Jan. 15, 1933, on said machinery packing; since July 1, 1936, on said transmission belting and brake lining.

Ser. No. 384,945. THE GATES RUBBER COMPANY, Denver, Colo. Filed Oct. 29, 1936.

TRUFLEX

For Double V-shaped Belts.

Claims use since Mar. 1, 1935.

CLASS 36

Musical Instruments and Supplies

Ser. No. 383,321. NATIONAL MUSICAL STRING CO., New Brunswick, N. J. Filed Sept. 16, 1936.

BLACK LABEL

Applicant disclaims exclusive use of a black label per se.

For Strings for Banjos, Guitars, Mandolins, Violins, and Similar Musical Instruments.

Claims use since 1900.

CLASS 37

Paper and Stationery

Ser. No. 370,902. SOUTHERN KRAFT CORPORATION, New York, N. Y. Filed Oct. 28, 1935.



The words "Meat Wrapper" are disclaimed apart from the mark shown.

For Wrapping Paper, Kraft Paper.

Claims use since Dec. 3, 1930.

Ser. No. 377,102. DITTO, INCORPORATED, Chicago, Ill. Filed Apr. 11, 1936.

HISPEED

For Coated Papers, Such as Coated Sulphite Sheets and Coated Rag Paper, the Coatings Being Such That They Lend Themselves to Hectograph Duplicating Purposes by Intensifying Copies and Permitting the Reproduction of Many More Copies Than Can be Obtained from the Ordinary Coated Paper on Hectograph Duplicating Apparatus.

Claims use since Mar. 15, 1929.

CLASS 38

Prints and Publications

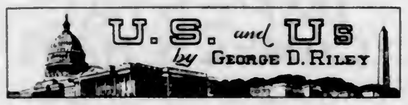
Ser. No. 382,080. CHRISTY WALSH, doing business as The Christy Walsh Syndicate, New York, N. Y. Filed Aug. 12, 1936.

Broadwaycasting

For Newspaper Articles.

Claims use since June 27, 1936.

Ser. No. 382,108. AMERICAN NEWSPAPERS, INC., Washington, D. C. Filed Aug. 13, 1936.



For Column in a Newspaper.

Claims use since May 28, 1936.

Ser. No. 383,461. THE BELL SYNDICATE, INC., New York, N. Y. Filed Sept. 21, 1936.



The words "247 West 43rd St., New York City" are disclaimed.

For Series of Books and Pamphlets.

Claims use since July 20, 1936.

Ser. No. 384,555. THE REGISTER & TRIBUNE COMPANY, Des Moines, Iowa. Filed Oct. 19, 1936.

Machine Gun Camera Pictures

For Picture Section of a Newspaper.

Claims use since Oct. 6, 1936.

CLASS 39

Clothing

Ser. No. 369,561. M. BERZER CO., INC., New York, N. Y. Filed Sept. 21, 1935.

SEA-BREEZE WASH TIES

The words "Wash Ties" apart from the mark shown are disclaimed.

For Wash Neckties.

Claims use since October, 1934.

Ser. No. 370,126. STANDARD GARMENT COMPANY, Columbia, Pa., and New York, N. Y. Filed Oct. 7, 1935.

Co-Tee

For Women's, Misses', and Children's Dresses.

Claims use since Sept. 15, 1935.

Ser. No. 374,400. CAVALIER CRAVAT COMPANY, Louisville, Ky. Filed Feb. 3, 1936.

CAVALIER CRAVATS

The word "Cravats" is disclaimed apart from the mark shown.

For Men's Necktles and Cravats.

Claims use since Nov. 1, 1935.

Ser. No. 376,148. TEXAS HARVEST HAT COMPANY, Laredo, Tex. Filed Mar. 18, 1936.

TEXAS CENTENNIAL 1836 1936

The word "Texas" is disclaimed apart from the mark shown.

For Hats.

Claims use since Dec. 12, 1935.

Ser. No. 379,699. SAMUEL GLASER, doing business as True Value Neckwear Company, New York, N. Y. Filed June 13, 1936.

TRU TEX

TRUE VALUE NECKWEAR

For Cravats.

Claims use since Apr. 27, 1936.

Ser. No. 380,578. LAROS TEXTILES COMPANY, Bethlehem, Pa. Filed July 3, 1936.

PERMA-LOCKT

For Ladies' and Children's Garments—Namely, Slips, Gowns, Dance Sets, Chemises, Camisoles, and Panties.

Claims use since June 1, 1936.

Ser. No. 380,892. THE TOLEDO GLOVE MANUFACTURING COMPANY, Toledo, Ohio. Filed July 10, 1936.

BIG BROTHER

RUBBERIZED SAFETY CUFF

The words "Rubberized Safety Cuff" are disclaimed apart from the representation shown.

For Gloves and Gauntlets Made of Fabrics and Combinations of Fabric and Leather.

Claims use since May 12, 1936.

Ser. No. 381,598. MODERN MERCHANDISING BUREAU, INC., New York, N. Y. Filed July 27, 1936.

Screen VOGUE

The word "Vogue" without any relation to its association in the mark shown is disclaimed.

For Women's, Misses', and Children's Hats and Caps; Scarfs of Silk, Wool, Rayon, Linen, and Cotton; Shoes of Leather, Fabric, or Any Combination Thereof; Underwear of Knitted, Netted, and Textile Fabrics; Bloomers, Chemises, Brassières, Negligees, Petticoats, Slips, Panties, Vests, and Shirts for Underwear; Nightgowns, Pajamas; Wraps; Skirts for Under and Outer Wear; Knickers, Riding Habits; Beach Overalls and Beach Pajamas; Coats, Blouses, Shirtwaists, Gowns, Frocks, Dresses, and Suits.

Claims use since Dec. 1, 1931.

Ser. No. 381,757. A. DAVIS & SONS, INC., New York, N. Y. Filed Aug. 3, 1936.

IMPERIAL CAMEL'S HAIR

The words "Camel's Hair" are disclaimed apart from the mark as shown.

For Men's, Women's, and Children's Coats.

Claims use since January, 1935.

Ser. No. 382,111. BLAUNER'S, Philadelphia, Pa. Filed Aug. 13, 1936.

Slimcraft

Trade-mark consists of the word "Slimcraft."

For Corsets, Brassières, Girdles, Combinations Consisting of Corsets and a Brassière, Foundation Garments, Slips, Nightgowns, Pajamas, Panties, and Chemises.

Claims use since May 21, 1936.

Ser. No. 382,205. GROVER CRONIN, INC., Waltham, Mass. Filed Aug. 15, 1936.

ALTA

For Men's Suits, Coats, Overcoats, Pants, Knickers, Sweaters, Jackets, Windbreakers, Raincoats, Hosiery, Underwear, Shoes of Leather and Fabric, Gloves of Leather and Fabric, Hats, Caps; Dress, Negligee, and Work Shirts, and Collars; and Women's and Misses' and Children's Aprons; Shoes and Slippers of Leather and Fabric; Hats, Caps, Hosiery, Underwear, Pajamas, Outer and Inner Jackets, Waists, Wraps, Gloves of Leather and Fabric, Bathing Suits, Bath Robes, House Robes, Raincoats, Sweaters; Suits, Dresses, and Coats of Knitted and Textile Fabrics; and Ladies' Corsets and Brassières.

Claims use since Nov. 28, 1935.

Ser. No. 382,283. SCHLOSS BROS. & CO., INC., Baltimore, Md. Filed Aug. 17, 1936.

Bramble Twist

The word "Twist" is disclaimed apart from the mark as shown.

For Men's, Young Men's, Boys', and Children's Wearing Apparel—Namely, Suits, Coats, Vests, Trousers, Knickers, Full Dress Suits, Tuxedos; Coats, Vests, and Trousers Classed as Sports Wear, Slacks, Raincoats, Overcoats, Top Coats, Wind Breakers, Leather Jackets, Sweaters; Men's and Boys' Dress, Negligee, and Work Shirts; Boys' Wash Suits and Blouses; Underwear; Hats and Caps; Hosiery; Neckties, Scarfs, and Mufflers; Gloves Made of Leather, Rubber, and Fabric, and Combinations Thereof; Bath Robes and Lounging Robes.

Claims use since Mar. 30, 1928.

Ser. No. 382,285. SCHLOSS BROS. & CO., INC., Baltimore, Md. Filed Aug. 17, 1936.

Llamanara

For Men's, Young Men's, Boys', and Children's Wearing Apparel—Namely, Suits, Coats, Vests, Trousers, Knickers, Full Dress Suits, Tuxedos; Coats, Vests, and Trousers Classed as Sports Wear; Slacks, Raincoats, Overcoats, Top Coats, Wind Breakers, Leather Jackets, Sweaters; Men's and Boys' Dress, Negligee, and Work Shirts; Boys' Wash Suits and Blouses; Underwear; Hats and Caps; Hosiery; Neckties, Scarfs, and Mufflers; Gloves Made of Leather, Rubber, and Fabric, and Combinations Thereof; Bath Robes, and Lounging Robes.

Claims use since Apr. 27, 1931.

Ser. No. 382,286. SCHLOSS BROS. & CO., INC., Baltimore, Md. Filed Aug. 17, 1936.

ROYAL PERUVIAN

The word "Peruvian" is disclaimed apart from the mark as shown.

For Men's, Young Men's, Boys', and Children's Wearing Apparel—Namely, Suits, Coats, Vests, Trousers, Knickers, Full Dress Suits, Tuxedos; Coats, Vests, and Trousers Classed as Sports Wear; Slacks, Raincoats, Overcoats, Top Coats, Wind Breakers, Leather Jackets, Sweaters; Men's and Boys' Dress, Negligee, and Work Shirts; Boys' Wash Suits and Blouses; Underwear; Hats and Caps; Hosiery; Neckties, Scarfs, and Mufflers; Gloves Made of Leather, Rubber, and Fabric, and Combinations Thereof; Bath Robes, and Lounging Robes.

Claims use since Feb. 20, 1933.

Ser. No. 382,808. SCHLOSS BROS. & CO., INC., Baltimore, Md. Filed Sept. 1, 1936.

South Wate

For Men's, Young Men's, Boys', and Children's Wearing Apparel—Namely, Suits, Coats, Vests, Trousers, Knickers, Full Dress Suits, Tuxedos; Coats, Vests, and Trousers Classed as Sports Wear; Slacks, Raincoats, Overcoats, Top Coats, Wind Breakers, Leather Jackets, Sweaters; Men's and Boys' Dress, Negligee, and Work Shirts; Boys' Wash Suits and Blouses; Underwear; Hats and Caps; Hosiery; Neckties, Scarfs, and Mufflers; Gloves Made of Leather, Rubber, and Fabric, and Combinations Thereof; Bath Robes, and Lounging Robes.

Claims use since Dec. 11, 1925.

Ser. No. 382,975. EISENSTAEDT BROS. CO., INC., Chicago, Ill. Filed Sept. 5, 1936.

"Endorsed Cravats"

The words "Endorsed Cravats" are disclaimed apart from the mark as shown.
For Neckwear—Namely, Cravats.
Claims use since July 1, 1936.

Ser. No. 383,809. THE JUVENILE SHOE CORPORATION OF AMERICA, Aurora and St. Louis, Mo. Filed Sept. 30, 1936.

BUCKSKIN ANNIE

No claim is made to the word "Buckskin" except in association with the word "Annie" or other features of the mark.
For Shoes of Leather, or a Combination of Leather, Rubber, or Fabric.
Claims use since Sept. 15, 1936.

Ser. No. 383,923. FREEM'S LTD., New York, N. Y. Filed Oct. 3, 1936.

Freem's Ltd.

For Men's and Women's Wearing Apparel—Namely, Men's Dress, Work, and Negligee Shirts, Neckties, Scarfs, Collars, Pajamas, Undershirts, Shorts, Hosiery, Leather and Fabric Gloves, Hats, Suits, Coats and Overcoats; Ladies' Hosiery, Slips, Pajamas, Nightgowns, Dresses, Blouses, Scarfs and Leather and Fabric Gloves.
Claims use since November, 1931.

Ser. No. 384,051. ST. JAMES REALTY & DEPARTMENT STORE COMPANY, doing business as Cohen Bros., Jacksonville, Fla. Filed Oct. 6, 1936.

GATORTUFF

For Children's Shoes Made of Leather, Rubber, and Fabric, and Combinations of Those Materials.
Claims use since Sept. 1, 1936.

Ser. No. 384,060. THE UNITED STATES SHOE CORPORATION, Cincinnati, Ohio. Filed Oct. 6, 1936.

Cuddle-Arch

For Shoes Made of Leather, Rubber, Fabric, and/or a Combination of These Materials.
Claims use since Sept. 14, 1936.

Ser. No. 384,230. AMERICAN MANUFACTURING CORPORATION, INC., New Orleans, La. Filed Oct. 12, 1936.

Sans Souci

For Women's Underwear.
Claims use since June 1, 1925.

Ser. No. 384,450. THE IRVING DREW COMPANY, Portsmouth, Ohio. Filed Oct. 17, 1936.

DIVERSION

For Men's, Women's, and Children's Boots, Shoes, and Slippers Made Wholly or in Part of Leather or Textile Material.
Claims use since June 1, 1936.

Ser. No. 384,451. THE IRVING DREW COMPANY, Portsmouth, Ohio. Filed Oct. 17, 1936.

ELEMENTAL

For Men's, Women's, and Children's Boots, Shoes, and Slippers Made Wholly or in Part of Leather or Textile Material.
Claims use since June 1, 1936.

Ser. No. 384,462. HAT CORPORATION OF AMERICA, Norwalk, Conn. Filed Oct. 17, 1936.

DECADINE

For Hats for Men and Women.
Claims use since Oct. 7, 1936.

Ser. No. 384,464. HAT CORPORATION OF AMERICA, Norwalk, Conn. Filed Oct. 17, 1936.

DECALUX

For Hats for Men and Women.
Claims use since Oct. 7, 1936.

Ser. No. 384,546. LOUIS MEYERS & SON, INC., New York, N. Y. Filed Oct. 19, 1936.

Co-op

For Ladies', Men's, and Children's Gloves of Leather, Fabric, and/or Combinations Thereof.
Claims use since Aug. 17, 1936.

Ser. No. 384,639. WISE SHOE COMPANY, INC., New York, N. Y. Filed Oct. 21, 1936.

Pebble-Peek

For Hosiery.
Claims use since 1933.

Ser. No. 384,810. SOX MILLER, INC., Philadelphia, Pa. Filed Oct. 26, 1936.

CAMBRIDGE HALL CLOTHES

The word "Clothes" is disclaimed except as shown.
For Men's Coats, Trousers, Vests, and Overcoats.
Claims use since Sept. 15, 1936.

Ser. No. 384,975. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y. Filed Oct. 30, 1936.

Jean Nédra

For Women's, Misses', and Children's Coats, Suits, and Dresses.
Claims use since Oct. 9, 1936.

Ser. No. 385,008. ROSENAU BROS. INC., Philadelphia, Pa. Filed Oct. 31, 1936.

Heidi

For Children's Dresses, Suits, Play Suits, Rompers, Pants, and Blouses.
Claims use since Oct. 28, 1936.

Ser. No. 385,163. S. WEITZ & COMPANY, INC., Cleveland, Ohio. Filed Nov. 4, 1936.

Tweedshire
BRITISH STYLED

The words "British Styled" apart from the mark are disclaimed.
For Men's, Women's, and/or Children's Clothing—Namely, Topcoats and Overcoats.
Claims use since July 1, 1936.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 376,990. FOREIGN SPECIALTIES, INC., New York, N. Y. Filed Apr. 9, 1936.

TORCY

For Combs for Combing the Hair.
Claims use since February, 1936.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 383,069. JOHN MOUAKAD, New York, N. Y. Filed Sept. 9, 1936.

GOLD BRAND
QUALITY TESTED

The words "Brand" and "Quality Tested" are disclaimed apart from the mark.
The drawing is lined for gold.
For Textile Fabrics in the Piece, of Silk, Rayon, Cotton, Wool, and/or Combinations Thereof.
Claims use since Aug. 10, 1936.

Ser. No. 384,480. CARLETON SCHALLER & CO., INC., New York, N. Y. Filed Oct. 17, 1936.

GRASWICK
A GREENISLE FABRIC

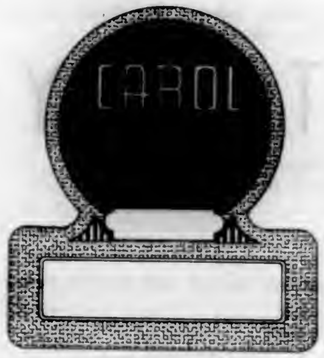
The word "Fabric" is disclaimed apart from the mark as shown.
For Warranted Pure Linen in the Piece.
Claims use since June 11, 1936.

Ser. No. 384,482. CARLETON SCHALLER & CO., INC., New York, N. Y. Filed Oct. 17, 1936.

COOLAIRE
A GREENISLE FABRIC

The word "Fabric" is disclaimed apart from the mark.
For Warranted Pure Linen.
Claims use since June 11, 1936.

Ser. No. 384,607. WOLOVNICK & NUSSBLATT, New York, N. Y. Filed Oct. 20, 1936.



The drawing is lined for gold.
For Sheets and Pillowcases.
Claims use since August, 1934.

Ser. No. 384,631. RICH-STIX DRY GOODS CO., St. Louis, Mo. Filed Oct. 21, 1936.

TOPMOST

For Cotton Piece Goods.
Claims use since Oct. 6, 1936.

Ser. No. 384,862. PASSAIC WOOLFLEX MANUFACTURING COMPANY, Paterson, N. J. Filed Oct. 27, 1936.

Ski-O-Twill

The word "Twill" except in the combination shown is disclaimed.
For Cut Piece Goods, Generally a Mixture of Cotton and Wool Threads or Yarns with an Elastic Thread or Yarn.
Claims use since Sept. 23, 1936.

Ser. No. 384,864. PEPPERELL MANUFACTURING COMPANY, Boston, Mass. Filed Oct. 27, 1936.

PLAINSMAN

For Textile Fabrics in the Piece of All Types and Styles, Made of Cotton, Silk, Rayon, Artificial Silk, or Mixtures of Cotton and Silk, Cotton and Rayon, or Cotton and Artificial Silk, Coverlets, Bed Spreads, Quilts, Comforter Covers and Puff Covers, Counterpanes, Mattress Ticking, Bed Sheets, and Pillow Cases Manufactured from Said Fabrics or Any of Them, and Blankets Made of Wool or Mixtures of Cotton and Wool.
Claims use since Sept. 28, 1936.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 383,381. THE AMERICAN CRAYON COMPANY, Sandusky, Ohio. Filed Sept. 18, 1936.

X-RA-ZIST

The term "X-Ra" is disclaimed apart from the mark as shown.
For Crayons and Paste Used for Marking the Skin Preparatory to Taking X-rays, Such Marking Being Immune to the Effect of the X-ray.
Claims use since July 24, 1936.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 381,915. MINUTE FOODS LTD., Los Angeles, Calif. Filed Aug. 7, 1936.

ICE CAP

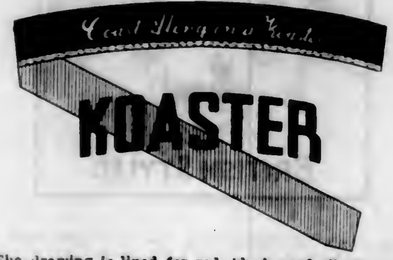
For Flavors in Powdered Form for Making Punches and Soft Drinks.
Claims use since Mar. 28, 1936.

Ser. No. 382,516. MINERAL WATERS, INC., Portland and Harrison, Maine. Filed Aug. 24, 1936.



The words "Mineral Spring Water" and "The Natural Alkaline Water" are disclaimed apart from the mark as shown.
For Bottled Water, Both Still and Carbonated.
Claims use since Apr. 27, 1936.

Ser. No. 383,333. JOSEPH TRINER CORPORATION, Chicago, Ill. Filed Sept. 16, 1936.



The drawing is lined for red, black, and silver.
For Pineapple Juice as a Beverage or a Beverage Ingredient.
Claims use since May 9, 1936.

Ser. No. 384,855. JOHN F. LASSER, Chicago, Ill. Filed Oct. 27, 1936.

POP-UP

For Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks, and Syrups, Extracts, and Flavors Used in Making the Same.
Claims use since Oct. 2, 1936.

CLASS 46

Foods and Ingredients of Foods

Ser. No, 363,773. THE TOSTADAS COMPANY, Dallas, Tex. Filed Apr. 15, 1935.



The word "Tostadas" and the representation of the goods are disclaimed apart from the mark shown.
For Food Product Made of Corn and Other Ingredients Having the Physical Characteristics of the Conventional Cracker.
Claims use since Mar. 10, 1935.

Ser. No. 365,062. CORTE & CO., Jersey City, N. J. Filed May 18, 1935.

ALDEÃO

For Olive Oils, Olives, Dry Cod Fish, Sausages, Marmalades, Cheese and Eggs.
Claims use since May 4, 1935.

Ser. No. 375,191. THE PECT-O CO., INC., Seattle, Wash. Filed Feb. 24, 1936.

"PECT-O"

For Compound Used in the Preparation of Liquid Pectin.
Claims use since July 1, 1935.

Ser. No. 375,309. PRESTON G. WOOLF, doing business as The Buddie Co., Indianapolis, Ind. Filed Feb. 27, 1936.

Buddie

For Chocolate Flavored Syrup to be Mixed with Milk or Malted Milk and the Beverage Made Therefrom.
Claims use since Apr. 23, 1935.

Ser. No. 375,420. BEWLEY MILLS, Forth Worth, Tex. Filed Mar. 2, 1936.

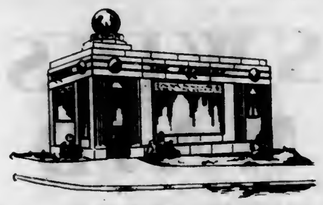


CHUNKETS

For Stock Feeds.
Claims use since Jan. 23, 1936.

Ser. No. 380,052. THE KRYSTAL COMPANY, Chattanooga, Tenn. Filed July 13, 1936.

THE KRYSTAL



For Hamburger Sandwiches.
Claims use since 1934.

Ser. No. 381,738. WESTERN OREGON PACKING CORPORATION, Corvallis, Oreg. Filed Aug. 1, 1936.

PACIFIC CLIPPER

For Canned Fruits, Berries, Vegetables.
Claims use since June 3, 1936.

Ser. No. 382,926. NEW ENGLAND RETAIL GRAIN DEALERS CO-OPERATIVE ASSOCIATION, Springfield, Mass. Filed Sept. 4, 1936.

NEW ENGLAND QUALITY

The words "New England Quality" are disclaimed apart from the mark.
For Feeds for Poultry and Livestock.
Claims use since Mar. 1, 1936.

Ser. No. 383,065. FRANCIS H. LEGGETT & COMPANY, New York, N. Y. Filed Sept. 9, 1936.

ARTURO

For Canned Vegetable Consomme.
Claims use since Aug. 1, 1936.

Ser. No. 383,253. C. & E. CANNERS, Hammonton, N. J. Filed Sept. 15, 1936.

BOG GLOW

For Fresh Cranberries and Cranberry Sauce.
Claims use since Mar. 7, 1936.

Ser. No. 383,413. WILBUR-SUCHARD CHOCOLATE COMPANY, Lititz, Pa. Filed Sept. 18, 1936.

SWISS MAID

For Chocolate.
Claims use since Sept. 5, 1936.

Ser. No. 383,419. ARTHUR J. SLINGERLAND, doing business as Chef's Choice Products Company, Chicago, Ill. Filed Sept. 17, 1936.

CHEF'S CHOICE
Vegetome

The drawing is lined for orange.
For Canned Soup.
Claims use since July 28, 1935.

Ser. No. 383,505. HELMS BAKERIES, Los Angeles, Calif. Filed Sept. 22, 1936.

CAKES OF £ STERLING QUALITY

The phrase "Cakes of Sterling Quality" is disclaimed apart from the mark.
For Bakery Products—Namely, Cakes.
Claims use since Sept. 10, 1934.

Ser. No. 383,745. MOR-PAK PRESERVING CORPORATION, Stockton, Calif. Filed Sept. 28, 1936.

Tree Style

For Canned Fruits.
Claims use since Sept. 18, 1936.

Ser. No. 383,874. COOK SPECIALTY COMPANY, Cleveland, Ohio. Filed Oct. 2, 1936.

SOUR PUSS

For Candy.
Claims use since May 11, 1936.

Ser. No. 384,088. THE KROGER GROCERY & BAKING COMPANY, Cincinnati, Ohio. Filed Oct. 7, 1936.

KROGER'S
CLOCK

For Bread.
Claims use since Aug. 27, 1935.

Ser. No. 384,233. URGEL F. ASSELIN, doing business as Asselin Creamery Co., Norway, Mich. Filed Oct. 12, 1936.

Asselin's

CREAM OF THE NORTH

The word "Cream" is not claimed except in association with the rest of the mark.
For Ice Cream.
Claims use since 1931.

Ser. No. 384,243. BUSTELO COFFEE ROASTING CO., INC., New York, N. Y. Filed Oct. 12, 1936.

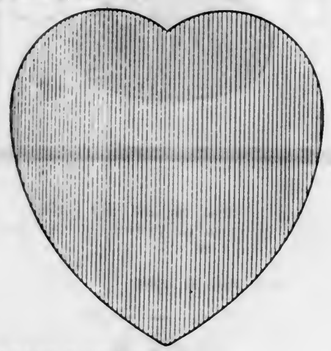
CAFÉ



BUSTELO

The portrait is fanciful. The word "Cafe" apart from the mark shown is disclaimed.
For Coffee.
Claims use since Sept. 11, 1936.

Ser. No. 384,297. JOHN MORRELL & Co., Ottumwa, Iowa. Filed Oct. 13, 1936.



The drawing is lined for red.
For Horse and Cow Feed.
Claims use since July 5, 1911.

Ser. No. 384,447. BURRY BISCUIT CORPORATION, Chicago, Ill., and Linden, N. J. Filed Oct. 17, 1936.

QUINTUPLET

For Biscuits.
Claims use since May 25, 1935.

Ser. No. 384,537. KURTZ BROTHERS CORPORATION, Philadelphia, Pa. Filed Oct. 19, 1936.

Italian Cook

For Spaghetti Dinner (a Package Consisting of Spaghetti, Grated Cheese, and Spaghetti Sauce).
Claims use since Oct. 15, 1936.

Ser. No. 384,677. HOWARD SNYDER, Albion, Mich. Filed Oct. 22, 1936.

"13 in 1"

For Sauce for Barbecued Meats.
Claims use since Oct. 5, 1936.

Ser. No. 384,758. NATIONAL PACKING COMPANY, Isleton, Calif. Filed Oct. 24, 1936.

Nation's Treat

For Food Products—Namely, Canned Spanish Style Hot Sauce.
Claims use since Sept. 5, 1936.

CLASS 47

Wines

Ser. No. 382,624. ETABLISSEMENTS PERNOD, MAISONS PERNOD FILS, HEMARD & PERNOD PERE & FILS REUNIES (SOCIETE ANONYME), Paris, France. Filed Aug. 27, 1936.



No claim is made to the outline of the labels.
For Vermouth.
Claims use since Jan. 21, 1936.

Ser. No. 383,980. CALIFORNIA VINEYARDS, INC., Los Angeles, Calif. Filed Oct. 5, 1936.

CAL V

For Wines.
Claims use since May 8, 1936.

Ser. No. 383,993. EUROPEAN WINE EXPORTERS & GROWERS AGENCIES, INC., New York, N. Y. Filed Oct. 5, 1936.

CHARDON

For Wine.
Claims use since Feb. 15, 1936.

Ser. No. 384,143. B., M. & J. STRAUSS LTD., London, England. Filed Oct. 8, 1936.

FÜRSTENGARTEN

For German Wines.
Claims use since Jan. 1, 1936.

Ser. No. 384,235. BISCEGLIA BROS., San Jose, Calif. Filed Oct. 12, 1936.

LA CROIX

PORTOLA

For Wine.
Claims use since Aug. 17, 1936.

Ser. No. 384,237. BISCEGLIA BROS., San Jose, Calif. Filed Oct. 12, 1936.

REGAL CELLARS

For Wine.
Claims use since Aug. 17, 1936.

CLASS 48

Malt Beverages and Liquors

Ser. No. 384,766. THE STANTON BREWERY, INC., Troy, N. Y. Filed Oct. 24, 1936.

GIANT



For Beer.
Claims use since Oct. 15, 1936.

Ser. No. 384,848. FREE STATE BREWERY CORPORATION, Baltimore, Md. Filed Oct. 27, 1936.

Free State

ALE

The drawing is lined for red and yellow, the color scheme being an essential feature of the mark. No claim is made to the word "Ale".
For Ale.
Claims use since July 22, 1936.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 385,340. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa. Filed Nov. 10, 1936.

STILL CLEAR

For Whiskey, Gin, Rum, Rye, Brandy, and Alcoholic Cordials.
Claims use since Sept. 29, 1936.

Ser. No. 385,414. SIEGFRIED LOEWENTHAL COMPANY, Cleveland, Ohio. Filed Nov. 11, 1936.

BIG TEN

BIG TEN

For Straight Whiskey.
Claims use since July 1, 1936.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 382,788. GEORGE B. COLLIS, doing business as Armor Bronze Company, Taunton, Mass. Filed Sept. 1, 1936.

ARMOR BRONZE

The word "Bronze" apart from the mark as shown is disclaimed.
For Ornamental Mantel Pieces Complete in Themselves and Made of Composition Materials Other Than Precious Metalware or Glass, Statuettes, and Statuary Figures.
Claims use since Apr. 15, 1934.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

DECEMBER 22, 1936

341,669. MILLED GRAIN PRODUCTS AND PREPARATIONS THEREOF, PARTICULARLY CORN MEAL, CRACKED CORN, POULTRY FEEDS, AND CATTLE AND STOCK FEEDS. STALEY MILLING COMPANY, Kansas City, Mo.
Filed May 21, 1936. Serial No. 378,717. PUBLISHED OCTOBER 13, 1936. Class 46.

341,670. WOMEN'S HOSIERY AND UNDERWEAR. SUN-CLEER HOSIERY STORES, INC., Boston, Mass.
Filed May 20, 1936. Serial No. 378,684. PUBLISHED OCTOBER 6, 1936. Class 39.

341,671. AIR CONDITIONERS. PARKE D. SNAVELY, Los Angeles, Calif.
Filed May 20, 1936. Serial No. 378,677. PUBLISHED OCTOBER 13, 1936. Class 34.

341,672. BOLTS, EXPANSION BOLTS, AND TOGGLES. CRAFTPLUG INC., New York, N. Y.
Filed May 19, 1936. Serial No. 378,613. PUBLISHED OCTOBER 13, 1936. Class 13.

341,673. WOVEN FENCING, NAILS, BALE TIES, POULTRY NETTING, WIRE CLOTH, AND BARB WIRE. NORTHWESTERN BARB WIRE COMPANY, Sterling, Ill.
Filed May 18, 1936. Serial No. 378,582. PUBLISHED OCTOBER 13, 1936. Class 13.

341,674. WOVEN WIRE FENCING, NAILS, BALE TIES, POULTRY NETTING, WIRE CLOTH, AND BARB WIRE. NORTHWESTERN BARB WIRE COMPANY, Sterling, Ill.
Filed May 18, 1936. Serial No. 378,581. PUBLISHED OCTOBER 13, 1936. Class 13.

341,675. MAGAZINE SECTION. TICKER PUBLISHING COMPANY, New York, N. Y.
Filed May 18, 1936. Serial No. 378,541. PUBLISHED OCTOBER 13, 1936. Class 38.

341,676. HOUSE TRAILERS. HARRY A. SMITH, doing business as Halsco Company, Los Angeles, Calif.
Filed May 12, 1936. Serial No. 378,374. PUBLISHED SEPTEMBER 8, 1936. Class 19.

341,677. AUDIBLE ELECTRIC CALLING EQUIPMENT INCLUDING THE TYPE OF HORNS, BUZZERS, AND NOISE MAKERS. SCHWARZE ELECTRIC COMPANY, Adrian, Mich.
Filed May 11, 1936. Serial No. 378,290. PUBLISHED OCTOBER 13, 1936. Class 21.

341,678. INFORMATION BULLETINS. LEUPOLD, VOLPEL & COMPANY, Portland, Oreg.
Filed May 7, 1936. Serial No. 378,145. PUBLISHED OCTOBER 13, 1936. Class 38.

341,679. MEN'S, WOMEN'S, AND CHILDREN'S UNDERWEAR, HOSIERY, BATHING SUITS, JERSEYS, AND SWEATERS OF KNIT AND/OR WOVEN MATERIALS, KNITTED POLO SHIRTS, PULLOVERS, KNITTED DRESSES, AND DRESS SHIRTS OF KNITTED AND/OR WOVEN MATERIALS. A. M. WEBB & CO., INC., New York, N. Y.
Filed May 6, 1936. Serial No. 378,103. PUBLISHED OCTOBER 6, 1936. Class 39.

341,680. DIAMONDS AND PRECIOUS STONES. TRABERT & HOEFFER INC., New York, N. Y.
Filed May 6, 1936. Serial No. 378,101. PUBLISHED AUGUST 18, 1936. Class 28.

341,681. DRESSED POULTRY AND EGGS. POULTRY PRODUCTS, INC., Ogden, Utah.
Filed May 6, 1936. Serial No. 378,093. PUBLISHED OCTOBER 6, 1936. Class 46.

341,682. CANDLES, VOTIVE, SANCTUARY, AND TABERNACLE LIGHTS MADE OF OILS, FATS, AND/OR WAXES, SIMILAR TO CANDLES, A. GROSS CANDLE COMPANY, INC., Baltimore, Md.
Filed May 6, 1936. Serial No. 378,074. PUBLISHED OCTOBER 6, 1936. Class 15.

341,683. BUTTERMILK. CODAY FARMS, INC., New York, N. Y.
Filed April 27, 1936. Serial No. 377,669. PUBLISHED OCTOBER 13, 1936. Class 46.

341,684. SEED CORN. WILLIAM H. JACQUES, Prescott, Wis.
Filed April 21, 1936. Serial No. 377,464. PUBLISHED OCTOBER 13, 1936. Class 1.

341,685. PORTLAND CEMENT. CRESCENT PORTLAND CEMENT COMPANY, Wampum, Pa., assignor to Medusa Portland Cement Company, Cleveland, Ohio, a corporation of Ohio.
Filed April 16, 1936. Serial No. 377,263. PUBLISHED OCTOBER 6, 1936. Class 12.

341,686. PILE FABRICS MADE OF COTTON, WOOL, MIXTURES OF COTTON AND WOOL, AND OF RAYON OR THE LIKE. HOWLETT & HOCKMEYER CO., INC., New York, N. Y.
Filed April 13, 1936. Serial No. 377,156. PUBLISHED OCTOBER 13, 1936. Class 42.

341,687. BLEACHED AND UNBLEACHED CHEESECLOTH. WINNE & SUTCH COMPANY, Los Angeles, Calif.
Filed April 4, 1936. Serial No. 376,828. PUBLISHED OCTOBER 13, 1936. Class 42.

341,688. FUR SKINS. ABRAMS & LINDEN, INC., New York, N. Y.
Filed April 2, 1936. Serial No. 376,709. PUBLISHED OCTOBER 6, 1936. Class 1.

341,689. LADIES' COATS. ROSINO-COHN CORP., New York, N. Y.
Filed August 4, 1936. Serial No. 381,820. PUBLISHED OCTOBER 6, 1936. Class 39.

341,690. FIELD, GARDEN, AND GRASS SEEDS. THE O. M. SCOTT & SONS COMPANY, Marysville, Ohio.
Filed August 3, 1936. Serial No. 381,786. PUBLISHED OCTOBER 13, 1936. Class 1.

341,691. WOMEN'S AND CHILDREN'S STREET DRESSES, KNITTED SUITS, AND COATS. SAKS & COMPANY, New York, N. Y.
Filed August 3, 1936. Serial No. 381,784. PUBLISHED OCTOBER 6, 1936. Class 39.

341,692. CHILDREN'S APPAREL—NAMELY, DRESSES, BLOUSES, SKIRTS, AND COATS. LITTLE MISTRESS TOGS, INC., New York, N. Y.
Filed August 3, 1936. Serial No. 381,771. PUBLISHED OCTOBER 6, 1936. Class 39.

341,693. ELECTRICALLY HEATED BROODERS AND PARTS THEREOF. LUTY HAWKINS, doing business as Hawkins Million Dollar Hen, Mount Vernon, Ill.
Filed August 3, 1936. Serial No. 381,763. PUBLISHED OCTOBER 13, 1936. Class 50.

341,694. BULBS OR CAPSULES FOR CONTAINING COMPRESSED OR LIQUEFIED GAS. SPARKLETS CORPORATION, New York, N. Y.
Filed August 1, 1936. Serial No. 381,733. PUBLISHED OCTOBER 13, 1936. Class 2.

341,695. BISCUITS. SOUTHERN BISCUIT COMPANY, INCORPORATED, Richmond, Va.
Filed August 1, 1936. Serial No. 381,731. PUBLISHED OCTOBER 13, 1936. Class 46.

341,696. PROPHYLACTIC RUBBER ARTICLES FOR THE PREVENTION OF CONTAGIOUS DISEASES. BENJAMIN KRAM, doing business as Bell Specialty Company, Malverne, Long Island, N. Y.
Filed August 1, 1936. Serial No. 381,721. PUBLISHED OCTOBER 13, 1936. Class 44.

341,697. LADIES' AND MISSES' FUR COATS, FUR CAPES, FUR WRAPS, FUR JACKETS, FUR SCARFS, FUR BELTS, AND FUR MUFFS. A. & J. ENGEL, INC., New York, N. Y.
Filed August 1, 1936. Serial No. 381,714. PUBLISHED OCTOBER 6, 1936. Class 39.

341,698. CANNED FRUITS AND VEGETABLES. BURRINGTON, CASE & GIBSON, Seattle, Wash.
Filed August 1, 1936. Serial No. 381,708. PUBLISHED OCTOBER 13, 1936. Class 46.

341,699. WHISKEY, GIN, RUM, BRANDY, AND ALCOHOLIC CORDIALS. T. J. PENDERGAST WHOLESALE LIQUOR CO., Kansas City, Mo.
Filed September 8, 1936. Serial No. 383,031. PUBLISHED OCTOBER 13, 1936. Class 49.

341,700. SOFT DRINKS. CANADA DRY GINGER ALE, INCORPORATED, New York, N. Y., assignor to Canada Dry Ginger Ale, Incorporated, a corporation of Delaware.
Filed August 27, 1936. Serial No. 382,620. PUBLISHED OCTOBER 13, 1936. Class 45.

341,701. SOFT DRINKS. CANADA DRY GINGER ALE, INCORPORATED, New York, N. Y., assignor to Canada Dry Ginger Ale, Incorporated, a corporation of Delaware.
Filed August 27, 1936. Serial No. 382,619. PUBLISHED OCTOBER 13, 1936. Class 45.

341,702. HEARING-AID DEVICES AND ACOUSTIC ELEMENTS AND ACCESSORIES THEREOF, SUCH AS SOUND TRANSMITTERS, TELEPHONE RECEIVERS, HEARING-INDUCING BONE OSCILLATORS AND ELECTRIC SOUND AMPLIFIERS. SONOTONE CORPORATION, New York, N. Y.
Filed August 26, 1936. Serial No. 382,580. PUBLISHED OCTOBER 13, 1936. Class 44.

341,703. RAYON, COTTON, AND WOOL PIECE GOODS, EITHER WOVEN, KNITTED OR NETTED. ST. GEORGE TEXTILE CORPORATION, New York, N. Y.
Filed August 25, 1936. Serial No. 382,574. PUBLISHED OCTOBER 13, 1936. Class 42.

341,704. CANNED DOG AND CAT FOOD. H. MOFFAT CO., doing business as Leader Distributing Co., San Francisco, Calif.
Filed August 18, 1936. Serial No. 382,318. PUBLISHED OCTOBER 13, 1936. Class 46.

341,705. DOG FOODS. JOHN WRIGHT (LONDON) LIMITED, London, England.
Filed August 17, 1936. Serial No. 382,298. PUBLISHED OCTOBER 13, 1936. Class 46.

341,706. LADIES' COATS AND DRESSES. GOLDSTEIN & MILBERG, INC., New York, N. Y.
Filed August 17, 1936. Serial No. 382,269. PUBLISHED OCTOBER 6, 1936. Class 39.

341,707. WRITING PAPER, PRINTING PAPER, LEDGER PAPER, BOOK PAPER, BOND PAPER, AND PAPER SPECIALLY TREATED FOR USE ON DUPLICATING MACHINES AND DEVICES. CHICAGO PAPER COMPANY, Chicago, Ill.
Filed August 17, 1936. Serial No. 382,261. PUBLISHED OCTOBER 13, 1936. Class 37.

341,708. CANNED PEAS. TUGWELL & WISEMAN, INC., Modeltown, N. Y.
Filed August 15, 1936. Serial No. 382,248. PUBLISHED OCTOBER 13, 1936. Class 46.

341,709. COIN-CONTROLLED AMUSEMENT DEVICE HAVING AN ALLEY DOWN WHICH BALLS ARE ROLLED FOR DIRECTION INTO PIGEON HOLES OR THE LIKE. ROCK-OLA MANUFACTURING CORPORATION, Chicago, Ill.
Filed August 10, 1936. Serial No. 382,003. PUBLISHED OCTOBER 13, 1936. Class 22.

341,710. ALIMENTARY PASTES. NATIONAL FOOD PRODUCTS CO., INC., doing business as Semola Macaroni Co., New Orleans, La.
Filed July 13, 1936. Serial No. 380,956. PUBLISHED OCTOBER 13, 1936. Class 46.

341,711. ELECTRIC FANS. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed July 10, 1936. Serial No. 380,887. PUBLISHED OCTOBER 13, 1936. Class 21.

341,712. LIVE AND DRESSED POULTRY, EGGS, HATCHING EGGS, AND BABY CHICKS. PINE TOP POULTRY FARMS, INC., Tamworth, N. H.
Filed July 8, 1936. Serial No. 380,791 PUBLISHED OCTOBER 13, 1936. Class 46.

341,713. CANDY. THE CURTISS CANDY COMPANY, Chicago, Ill.
Filed July 8, 1936. Serial No. 380,760. PUBLISHED OCTOBER 6, 1936. Class 46.

341,714. CAKE FLOUR. BOONVILLE MILLS COMPANY, Boonville, Mo.
Filed July 8, 1936. Serial No. 380,751. PUBLISHED OCTOBER 13, 1936. Class 46.

341,715. VACUUM CLEANERS. THE SWEEPER-VAC COMPANY, Worcester, Mass.
Filed July 6, 1936. Serial No. 380,680. PUBLISHED OCTOBER 13, 1936. Class 23.

341,716. CIGARS PACKED IN BOXES. PALUMBO CIGAR CO., INC., New York, N. Y.
Filed July 16, 1936. Serial No. 381,080. PUBLISHED OCTOBER 13, 1936. Class 17.

341,717. INSTRUMENTS FOR TESTING EYES. AMERICAN OPTICAL COMPANY, Southbridge, Mass.
Filed July 16, 1936. Serial No. 381,059. PUBLISHED OCTOBER 13, 1936 . Class 26.

341,718. CANNED FRUITS, VEGETABLES, MEATS—NAMELY, POTTED MEATS, VIENNA SAUSAGE, COOKED LUNCH TONGUE, CORNED BEEF HASH, AND CHILE CON CARNE, BERRIES, FRUIT JUICES FOR FOOD PURPOSES, TOMATO JUICE, SALMON, AND EVAPORATED AND CONDENSED MILK, BOTTLED AND CANNED JAMS AND CONDIMENTS—NAMELY, TOMATO CATCHUP, CHILI SAUCE, SWEET RELISH, AND PREPARED MUSTARD, AND DRIED FRUITS. WILSON & ROGERS, INC., Chicago, Ill.
Filed July 14, 1936. Serial No. 381,012. PUBLISHED OCTOBER 13, 1936. Class 46.

341,719. STICKS AND/OR HANDLES FOR SUCKERS. THE POPSICLE CORPORATION OF THE UNITED STATES, New York, N. Y.
Filed June 25, 1935. Serial No. 366,638. PUBLISHED OCTOBER 13, 1936. Class 13.

341,720. BRISTLES, HORSE-HAIR, GOAT-HAIR, SQUIRREL-HAIR, SOFT HAIRS, BADGER-HAIR, IMITATION BADGER-HAIR, FINNER-HAIR, BRUSH AND BROOM FIBERS, MIXTURES OF ANY OF THOSE MATERIALS, BRISTLE TOPS AND CUTS, AND VULCANIZING RUBBER. FREDERICK H. CONE & COMPANY, INCORPORATED, New York, N. Y.
Filed June 1, 1935. Serial No. 365,692. PUBLISHED OCTOBER 13, 1936. Class 1.

341,721. BRISTLES, HORSE-HAIR, GOAT-HAIR, SQUIRREL-HAIR, SOFT HAIRS, BADGER-HAIR, IMITATION BADGER-HAIR, FINNER-HAIR, BRUSH AND BROOM FIBERS, MIXTURES OF ANY OF THOSE MATERIALS, BRISTLE TOPS AND CUTS, AND VULCANIZING RUBBER. FREDERICK H. CONE & COMPANY, INCORPORATED, New York, N. Y.
Filed June 1, 1935. Serial No. 365,691. PUBLISHED OCTOBER 13, 1936. Class 1.

341,722. BRISTLES, HORSE-HAIR, GOAT-HAIR, SQUIRREL-HAIR, SOFT HAIRS, BADGER-HAIR, IMITATION BADGER-HAIR, FINNER-HAIR, BRUSH AND BROOM FIBERS, MIXTURES OF ANY OF THOSE MATERIALS, BRISTLE TOPS AND CUTS, AND VULCANIZING RUBBER. FREDERICK H. CONE & COMPANY, INCORPORATED, New York, N. Y.

Filed June 1, 1935. Serial No. 365,690. PUBLISHED OCTOBER 13, 1936. Class 1.

341,723. BRISTLES, HORSE-HAIR, GOAT-HAIR, SQUIRREL-HAIR, SOFT HAIRS, BADGER-HAIR, IMITATION BADGER-HAIR, FINNER-HAIR, BRUSH AND BROOM FIBERS, MIXTURES OF ANY OF THOSE MATERIALS, BRISTLE TOPS AND CUTS, AND VULCANIZING RUBBER. FREDERICK H. CONE & COMPANY, INCORPORATED, New York, N. Y.

Filed June 1, 1935. Serial No. 365,689. PUBLISHED OCTOBER 13, 1936. Class 1.

341,724. BRISTLES, HORSE-HAIR, GOAT-HAIR, SQUIRREL-HAIR, SOFT HAIRS, BADGER-HAIR, IMITATION BADGER-HAIR, FINNER-HAIR, BRUSH AND BROOM FIBERS, MIXTURES OF ANY OF THOSE MATERIALS, BRISTLE TOPS AND CUTS, AND VULCANIZING RUBBER. FREDERICK H. CONE & COMPANY, INCORPORATED, New York, N. Y.

Filed June 1, 1935. Serial No. 365,688. PUBLISHED OCTOBER 13, 1936. Class 1.

341,725. CLEANSING TISSUES. VELDOWN COMPANY, INC., New York, N. Y.

Filed April 20, 1935. Serial No. 364,032. PUBLISHED JUNE 18, 1935. Class 37.

341,726. STICKS OR HANDLES FOR SUCKERS. FROZEN CONFECTIONS, INC., New York, N. Y.

Filed January 22, 1935. Serial No. 360,559. PUBLISHED OCTOBER 13, 1936. Class 13.

341,727. STICKS OR HANDLES FOR SUCKERS. JOE LOWE CORPORATION, New York, N. Y.

Filed January 18, 1935. Serial No. 360,415. PUBLISHED OCTOBER 13, 1936. Class 13.

341,728. NURSES' UNIFORMS. L. HIRSCH & SONS INC., Brooklyn, N. Y.

Filed November 6, 1934. Serial No. 357,952. PUBLISHED OCTOBER 6, 1936. Class 39.

341,729. GASOLINE, MOTOR FUEL OILS, LUBRICATING OILS, FURNACE OILS, ILLUMINATING OILS, AND LUBRICATING GREASE. JACOB I. BARRON, doing business as J. I. Barron Oil Company, Clarinda, Iowa.

Filed September 12, 1934. Serial No. 355,958. PUBLISHED MAY 19, 1936. Class 15.

341,730. CANNED FRUITS, CANNED VEGETABLES, CANNED FISH, SHRIMP, AND CLAMS, CANNED SOUPS, CANNED FRUIT JUICES FOR FOOD PURPOSES, ETC. AUSTIN, NICHOLS & CO., INC., Brooklyn, N. Y.

Filed May 23, 1936. Serial No. 378,773. PUBLISHED OCTOBER 13, 1936. Class 46.

341,731. WHEAT FLOUR. THE ARKANSAS CITY FLOUR MILLS CO., Arkansas City, Kans.

Filed June 1, 1936. Serial No. 379,071. PUBLISHED OCTOBER 13, 1936. Class 46.

341,732. GRASS, FLOWER, GARDEN, AND FIELD SEEDS. THE ROSS SEED COMPANY, Wichita, Kans.

Filed June 1, 1936. Serial No. 379,167. PUBLISHED OCTOBER 13, 1936. Class 1.

341,733. UNDERWEAR FOR MEN. ANGLO-AMERICAN KNIT INDUSTRIES, INC., New York, N. Y.

Filed June 2, 1936. Serial No. 379,175. PUBLISHED OCTOBER 6, 1936. Class 39.

341,734. BOLTS, EXPANSION BOLTS, AND TOGGLES. CRAFTPLUG INC., New York, N. Y.

Filed June 4, 1936 Serial No. 379,291. PUBLISHED OCTOBER 13, 1936. Class 13.

341,735. POWDERED MATERIAL FOR ABSORBING OILS AND GREASES. FRANK D. STRICKLER, doing business as Waxene Products Company, Wichita, Kans.

Filed June 6, 1936. Serial No. 379,405. PUBLISHED OCTOBER 6, 1936. Class 1.

341,736. ENGLISH FINISH AND SUPER BOOK PAPER COVERING THE FOLLOWING USES: FOR COLOR PRINTING, LITHOGRAPHING, AND BLACK AND WHITE, ETC. THE D. M. BARE PAPER COMPANY, Roaring Spring, Pa.

Filed June 8, 1936. Serial No. 379,415. PUBLISHED SEPTEMBER 15, 1936. Class 37.

341,737. ENGLISH FINISH AND SUPER BOOK PAPER COVERING THE FOLLOWING USES: FOR COLOR PRINTING, LITHOGRAPHING, AND BLACK AND WHITE, ETC. THE D. M. BARE PAPER COMPANY, Roaring Spring, Pa.

Filed June 8, 1936. Serial No. 379,416. PUBLISHED OCTOBER 13, 1936. Class 37.

341,738. LIVE STOCK AND POULTRY FEEDS. DELAWARE MILLS, INC., Deposit, N. Y.

Filed June 10, 1936. Serial No. 379,587. PUBLISHED OCTOBER 13, 1936. Class 46.

341,739. LADIES' SILK DRESSES, LADIES' WOOL DRESSES, LADIES' COTTON WASH DRESSES, AND LADIES' SMOCKS. ARTHUR E. SLASTINO, Eau Claire, Wis.

Filed June 12, 1936. Serial No. 379,640. PUBLISHED OCTOBER 6, 1936. Class 39.

341,740. ALUMINUM DOMESTIC COOKING HOLLOW WARE. CLUB ALUMINUM PRODUCTS CO., Chicago, Ill.

Filed June 15, 1936. Serial No. 379,736. PUBLISHED OCTOBER 13, 1936. Class 13.

341,741. LUBRICATING OIL. SHELL OIL COMPANY, San Francisco, Calif.

Filed June 17, 1936. Serial No. 379,850. PUBLISHED SEPTEMBER 29, 1936. Class 15.

341,742. TRANSPARENT CELLULOSE (CELLULOSE ACETATE) IN SHEET FORM. SAFEWAY PRODUCTS CORPORATION, New York, N. Y.

Filed June 19, 1936. Serial No. 379,975. PUBLISHED OCTOBER 6, 1936. Class 1.

341,743. COAL. RELIABLE COAL & MINING CO., Chicago, Ill.

Filed June 20, 1936. Serial No. 380,019. PUBLISHED OCTOBER 13, 1936. Class 1.

341,744. ZINC OXIDE AND LEADED ZINC OXIDE WHEN USED AS A PAINT PIGMENT. THE EAGLE-PICHER LEAD COMPANY, Cincinnati, Ohio.

Filed June 25, 1936. Serial No. 380,194. PUBLISHED OCTOBER 13, 1936. Class 16.

341,745. ZINC OXIDE AND LEADED ZINC OXIDE WHEN USED AS A PAINT PIGMENT. THE EAGLE-PICHER LEAD COMPANY, Cincinnati, Ohio.

Filed June 25, 1936. Serial No. 380,195. PUBLISHED OCTOBER 13, 1936. Class 16.

341,746. PYROMETERS, THERMO-COUPLES, THERMOMETERS, RESISTANCE TEMPERATURE MEASURING UNITS, VELOCITY METERS, OHM METERS, AND PARTS FOR EACH THEREOF, AND ELECTRIC METERS, SWITCHES, AND CONNECTORS FOR USE WITH TEMPERATURE, RESISTANCE, AND VELOCITY MEASURING DEVICES. ILLINOIS TESTING LABORATORIES, INC., Chicago, Ill.

Filed June 26, 1936. Serial No. 380,280. PUBLISHED OCTOBER 13, 1936. Class 26.

341,747. INCANDESCENT LAMPS OR BULBS. WABASH APPLIANCE CORP., Brooklyn, N. Y.

Filed June 29, 1936. Seral No. 380,432. PUBLISHED OCTOBER 13, 1936. Class 21.

341,748. CEMENT COLORING MATERIAL. CLINTON METALLIC PAINT COMPANY, New York, N. Y.

Filed July 3, 1936. Serial No. 380,550. PUBLISHED OCTOBER 13, 1936. Class 12.

341,749. CEMENT COLORING MATERIAL. COLLOIDAL PIGMENT COMPANY, INC., New York, N. Y.

Filed July 3, 1936. Serial No. 380,553. PUBLISHED OCTOBER 13, 1936. Class 12.

341,750. RUBBER SYRINGES. RUBBER-GEL PRODUCTS CORPORATION, North Quincy, Mass.

Filed August 11, 1936. Serial No. 382,066. PUBLISHED OCTOBER 13, 1936. Class 44.

341,751. METALLIC AND NON-METALLIC RIGID AND FLEXIBLE TUBING AND FITTINGS FOR THE SAME USED FOR ELECTRIC CONDUCTORS; BARE ARMORED GROUND WIRE; ETC. CLIFTON CONDUIT COMPANY, INC., New York, N. Y.

Filed August 12, 1936. Serial No. 382,088. PUBLISHED OCTOBER 13, 1936. Class 21.

341,752. SPARK PLUGS AND SPARK PLUG PORCELAINS. WESTERN AUTO SUPPLY COMPANY, Kansas City, Mo.

Filed August 20, 1936. Serial No. 382,405. PUBLISHED OCTOBER 13, 1936. Class 21.

341,753. INNERSPRING MATTRESSES. TAYLOR BEDDING MANUFACTURING COMPANY, Taylor, Tex.

Filed August 21, 1936. Serial No. 382,451. PUBLISHED OCTOBER 13, 1936. Class 32.

341,754. ARMATURES. GENERAL ARMATURE CORPORATION, Chicago, Ill.

Filed August 22, 1936. Serial No. 382,471. PUBLISHED OCTOBER 13, 1936. Class 21.

341,755. METAL AIR MOISTENERS, METAL KITCHEN CABINETS, METAL WARDROBE CABINETS, METAL CHAIRS, METAL RADIATOR COVERS, AND METAL WALL CABINETS. INTERSTATE METAL PRODUCTS CO., Chicago, Ill.

Filed August 22, 1936. Serial No. 382,473. PUBLISHED OCTOBER 13, 1936. Class 32.

341,756. COAL. ISLAND CREEK COAL SALES COMPANY, Cincinnati, Ohio.

Filed August 22, 1936. Serial No. 382,475. PUBLISHED OCTOBER 13, 1936. Class 1.

341,757. JEWELRY FOR PERSONAL WEAR AND ADORNMENT NOT INCLUDING WATCHES. TRIFARI, KRUSSMAN AND FISHEL, INC., New York, N. Y.

Filed July 21, 1936. Serial No. 381,292. PUBLISHED OCTOBER 6, 1936. Class 28.

341,758. LACQUERS. I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfort-on-the-Main, Germany.

Filed July 22, 1936. Serial No. 381,314. PUBLISHED OCTOBER 13, 1936. Class 16.

341,759. APRON CANVAS USED AS A CONVEYING BELT ON LAUNDRY FLAT WORK IRONS. TINGUE, BROWN & CO., New York, N. Y.

Filed July 23, 1936. Serial No. 381,344. PUBLISHED OCTOBER 13, 1936. Class 42.

341,760. ASBESTOS PLASTIC CEMENT AND ASPHALTIC LAP CEMENT FOR WATERPROOFING AND SEALING ROLL ROOFING. HALL HARDWARE COMPANY, Minneapolis, Minn.

Filed August 8, 1936. Serial No. 381,940. PUBLISHED OCTOBER 6, 1936. Class 12.

341,761. APRON CANVAS USED AS A CONVEYING BELT ON LAUNDRY FLAT WORK IRONS. TINGUE, BROWN & CO., New York, N. Y.

Filed July 23, 1936. Serial No. 381,346. PUBLISHED OCTOBER 13, 1936. Class 42.

341,762. BICYCLES. THE CLEVELAND WELDING COMPANY, Cleveland, Ohio.

Filed July 29, 1936. Serial No. 381,559. PUBLISHED OCTOBER 13, 1936. Class 19.

341,763. CLOTH AND WOVEN STRAW, GRASS, OR PAPER IN THE PIECE. HATLEIGH, INC., New York, N. Y.

Filed July 29, 1936. Serial No. 381,562. PUBLISHED OCTOBER 13, 1936. Class 42.

341,764. WHEAT FLOUR. INLAND MILLING COMPANY, Des Moines, Iowa.

Filed July 29, 1936. Serial No. 381,565. PUBLISHED OCTOBER 13, 1936. Class 46.

341,765. OLIVE OIL. FERNANDO PALLARES, S. A., Tortosa and Barcelona, Spain.

Filed July 29, 1936. Serial No. 381,575. PUBLISHED OCTOBER 13, 1936. Class 46.

341,766. CHAINS. AMERICAN CHAIN COMPANY, INC., Bridgeport, Conn.

Filed July 30, 1936. Serial No. 381,602. PUBLISHED OCTOBER 13, 1936. Class 13.

341,767. BATHTUBS, LAVATORIES, CLOSETS, URINALS, CUP AND SOAP HOLDERS, TOWEL BARS, TOILET PAPER HOLDERS, SHOWER FIXTURES AND FITTINGS, BATHTUB FIXTURES AND FITTINGS, LAVATORY FIXTURES AND FITTINGS, SINKS, KITCHEN CABINET SINKS, DRINKING FOUNTAINS AND BUBBLERS, FAUCETS, VALVES, TRAPS, AND TOILET SEATS. MARSHALL-WELLS COMPANY, Duluth, Minn.

Filed July 30, 1936. Serial No. 381,627. PUBLISHED OCTOBER 13, 1936. Class 13.

341,768. WORK SHIRTS. W. E. STEPHENS MFG. CO., INC., Nashville, Watertown and Pulaski, Tenn.

Filed July 30, 1936. Serial No. 381,643. PUBLISHED OCTOBER 6, 1936. Class 39.

341,769. STOVES AND RANGES BURNING GASEOUS FUEL AND PARTS THEREOF. THE TAPPAN STOVE COMPANY, Mansfield, Ohio.

Filed July 30, 1936. Serial No. 381,646. PUBLISHED OCTOBER 13, 1936. Class 34.

341,770. CHOCOLATES. E. J. BRACH & SONS, Chicago, Ill.

Filed July 31, 1936. Serial No. 381,657. PUBLISHED OCTOBER 13, 1936. Class 46.

341,771. NON-ALCOHOLIC, NON-CEREAL, MALT-LESS BEVERAGES, SOLD AS SOFT DRINKS AND SIRUPS AND EXTRACTS FOR MAKING THE SAME. MONARCH MANUFACTURING COMPANY, Atlanta, Ga.

Filed August 25, 1936. Serial No. 382,566. PUBLISHED OCTOBER 13, 1936. Class 45.

341,772. SAFETY RAZOR BLADES. COLTON RAZOR BLADE COMPANY, Boston, Mass.

Filed August 24, 1936. Serial No. 382,506. PUBLISHED OCTOBER 13, 1936. Class 23.

341,773. OUTLET BOXES AND COVERS THEREFOR. PRATT INDUSTRIES, INC., Frankfort, N. Y.

Filed August 22, 1936. Serial No. 382,487. PUBLISHED OCTOBER 13, 1936. Class 21.

341,774. METAL CUTTING TOOLS SUCH AS REAMERS, DRILLS, AND MILLING CUTTERS. NILES-BEMENT-POND COMPANY, Hartford, Conn.

Filed August 22, 1936. Serial No. 382,484. PUBLISHED OCTOBER 13, 1936. Class 23.

341,775. COAL. ISLAND CREEK COAL SALES COMPANY, Cincinnati, Ohio.

Filed August 22, 1936. Serial No. 382,476. PUBLISHED OCTOBER 13, 1936. Class 1.

341,776. WINES. SANDUSKY WINERIES, INC., Sandusky, Ohio.

Filed August 15, 1936. Serial No. 382,243. PUBLISHED OCTOBER 13, 1936. Class 47.

341,777. PAPER SANITARY NAPKINS. DIANA MANUFACTURING COMPANY, Green Bay, Wis.

Filed August 15, 1936. Serial No. 382,206. PUBLISHED OCTOBER 13, 1936. Class 44.

341,778. GLASS REFLECTORS. ROBERT I. JOHNS, doing business as Johns and Stevenson, Brooklyn, N. Y., assignor to Janet S. Johns, Brooklyn, N. Y.

Filed August 15, 1936. Serial No. 382,193. PUBLISHED OCTOBER 13, 1936. Class 34.

341,779. FRESH DECIDUOUS FRUITS, FRESH GRAPES. JOSEPH LA ROSA & SONS, Modesto, Calif.

Filed August 14, 1936. Serial No. 382,159. PUBLISHED OCTOBER 13, 1936. Class 46.

341,780. PERIODICALS PUBLISHED FROM TIME TO TIME. THE O. M. SCOTT & SONS COMPANY, Marysville, Ohio.
Filed August 13, 1936. Serial No. 382,139. PUBLISHED OCTOBER 13, 1936. Class 38.

341,781. UNDERWEAR FOR MEN, WOMEN, AND CHILDREN, PAJAMAS, SLIPS, AND POLO SHIRTS. WOLVERINE KNITTING MILLS, Bay City, Mich.
Filed August 10, 1936. Serial No. 382,015. PUBLISHED OCTOBER 6, 1936. Class 39.

341,782. BAKING POWDER. THE SNOW KING BAKING POWDER CO., Cincinnati, Ohio.
Filed July 24, 1936. Serial No. 381,429. PUBLISHED OCTOBER 13, 1936. Class 46.

341,783. ELECTRICAL CONDUIT FITTINGS, SUCH AS CONNECTORS, LOCK-NUTS, AND BUSHINGS. CONDUIT FITTINGS CORPORATION, Chicago, Ill.
Filed July 27, 1936. Serial No. 381,476. PUBLISHED OCTOBER 13, 1936. Class 21.

341,784. PREPARATION TO BE COMBINED WITH OIL AND VINEGAR TO MAKE A FRENCH DRESSING. TOURLAINE FOOD PRODUCTS, INC., Los Angeles, Calif.
Filed July 28, 1936. Serial No. 381,538. PUBLISHED OCTOBER 13, 1936. Class 46.

341,785. CANNED DOG FOOD. FOODLAND, INC., Cleveland, Ohio.
Filed July 29, 1936. Serial No. 381,544. PUBLISHED OCTOBER 13, 1936. Class 46.

341,786. YARNS. BOTANY WORSTED MILLS, Passaic, N. J.
Filed July 28, 1936. Serial No. 381,522. PUBLISHED OCTOBER 6, 1936. Class 43.

341,787. YARNS. BOTANY WORSTED MILLS, Passaic, N. J.
Filed July 28, 1936. Serial No. 381,521. PUBLISHED OCTOBER 6, 1936. Class 43.

341,788. WOMEN'S HOSIERY. ARTCRAFT SILK HOSIERY MILLS, INC., Philadelphia, Pa.
Filed July 27, 1936. Serial No. 381,473. PUBLISHED OCTOBER 6, 1936. Class 39.

341,789. CONFECTIONERY — NAMELY, CHOCOLATE FOR EATING. ROWNTREE & COMPANY, LIMITED, doing business as The Cocoa Works, York, England.
Filed July 23, 1936. Serial No. 381,378. PUBLISHED OCTOBER 13, 1936. Class 46.

341,790. HOSE MADE OF RUBBER AND FABRIC. HEWITT RUBBER CORPORATION, Buffalo, N. Y.
Filed July 23, 1936. Serial No. 381,365. PUBLISHED OCTOBER 13, 1936. Class 35.

341,791. BELTING MADE OF RUBBER AND FABRIC. HEWITT RUBBER CORPORATION, Buffalo, N. Y.
Filed July 23, 1936. Serial No. 381,364. PUBLISHED OCTOBER 13, 1936. Class 35.

341,792. TOYS—NAMELY, MODEL AEROPLANES, BOATS, SHIPS, AUTOMOBILES, RAILWAY TRAINS AND CARS, ENGINES, TRACTORS, ETC. FRANK ELVIDGE, doing business as Model Crafts Co., Washington, D. C.
Filed August 12, 1936. Serial No. 382,075. PUBLISHED OCTOBER 13, 1936. Class 22.

341,793. CANNED DOG FOOD. VIMPEP FOODS, INC., Cambridge, Md.
Filed August 18, 1936. Serial No. 382,330. PUBLISHED OCTOBER 13, 1936. Class 46.

341,794. EGGS. FRANK E. WATTLES, INC., Buffalo, N. Y.
Filed August 18, 1936. Serial No. 382,331. PUBLISHED OCTOBER 13, 1936. Class 46.

341,795. GASKETS. THE CLEVELAND GASKET AND MFG. COMPANY, Cleveland, Ohio.
Filed August 19, 1936. Serial No. 382,341. PUBLISHED OCTOBER 13, 1936. Class 35.

341,796. RAZOR BLADES. CLUB RAZOR & BLADE MANUFACTURING CORPORATION, Newark, N. J.
Filed August 19, 1936. Serial No. 382,342. PUBLISHED OCTOBER 13, 1936. Class 23.

341,797. WINDMILLS AND PARTS THEREOF. FLINT & WALLING MFG. CO., Kendallville, Ind.
Filed August 19, 1936. Serial No. 382,351. PUBLISHED OCTOBER 13, 1936. Class 23.

341,798. SALAD DRESSING. LEWIS, HUBBARD & COMPANY, doing business as Salatang Kitchens, Charleston, W. Va.
Filed July 20, 1936. Serial No. 381,211. PUBLISHED OCTOBER 13, 1936. Class 46.

341,799. ELECTRICAL WELDING EQUIPMENT. PIER EQUIPMENT MANUFACTURING CO., Benton Harbor, Mich.
Filed July 20, 1936. Serial No. 381,216. PUBLISHED OCTOBER 13, 1936. Class 21.

341,800. COLLOIDAL GRAPHITE PREPARED FOR LUBRICATING PURPOSES. LEE W. COONEY, Lakewood, Ohio.
Filed July 21, 1936. Serial No. 381,260. PUBLISHED OCTOBER 13, 1936. Class 15.

341,801. FLEXIBLE TUBES MADE OF WIRE COVERED WITH FLUID-TIGHT FABRIC OR OTHER SUITABLE MATERIAL, MORE PARTICULARLY FOR OIL AND PETROL. DEUTSCHE BENZINUHREN GES. M. B. H., Berlin, Germany.
Filed July 21, 1936. Serial No. 381,263. PUBLISHED OCTOBER 13, 1936. Class 35.

341,802. FILING CABINETS. THE GENERAL FIREPROOFING CO., Youngstown, Ohio.
Filed July 21, 1936. Serial No. 381,269. PUBLISHED OCTOBER 13, 1936. Class 32.

341,803. METAL THREADS FOR THREADEDLY UNITING TWO OR MORE MEMBERS HAVING COMPLEMENTARY INTERFITTING PORTIONS. JESSE GUTMANN, doing business as The Thred-Dit Company, Brooklyn, N. Y., assignor to Thred-Dit, Inc., Brooklyn, N. Y., a corporation of New York.
Filed August 5, 1936. Serial No. 381,838. PUBLISHED OCTOBER 13, 1936. Class 14.

341,804. HOSIERY. HOLEPROOF HOSIERY CO., Milwaukee, Wis.
Filed August 5, 1936. Serial No. 381,840. PUBLISHED OCTOBER 6, 1936. Class 59.

341,805. SECTIONAL CIGARETTE CASES. KRISCHER TRADING CORP., New York, N. Y.
Filed August 5, 1936. Serial No. 381,842. PUBLISHED OCTOBER 6, 1936. Class 8.

341,806. FERTILIZER. THE O. M. SCOTT & SONS COMPANY, Marysville, Ohio.
Filed August 5, 1936. Serial No. 381,851. PUBLISHED OCTOBER 13, 1936. Class 10.

341,807. WOODEN SHINGLES. TWIN CITY LUMBER & SHINGLE COMPANY, St. Paul, Minn.
Filed August 6, 1936. Serial No. 381,885. PUBLISHED OCTOBER 13, 1936. Class 12.

341,808. FOOT CORRECTIVE APPLIANCES, TO WIT: ARCH SUPPORTERS. THE SCHOLL MFG. CO., INC., Chicago, Ill.
Filed August 7, 1936. Serial No. 381,926. PUBLISHED OCTOBER 13, 1936. Class 44.

341,809. GIN. H. W. SCHLICHTE, Steinhagen, Germany.
Filed July 16, 1936. Serial No. 381,087. PUBLISHED OCTOBER 13, 1936. Class 49.

341,810. VEGETABLE CONCENTRATE MADE FROM COPRA TO BE USED FOR FEEDING LIVESTOCK. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed July 17, 1936. Serial No. 381,134. PUBLISHED OCTOBER 13, 1936. Class 46.

341,811. SOLDERING IRONS. DRAKE ELECTRIC WORKS, INC., Chicago, Ill.
Filed July 20, 1936. Serial No. 381,194. PUBLISHED OCTOBER 13, 1936. Class 23.

341,812. CIGARS. A. E. GRAYHURST, Tampa, Fla.
Filed July 20, 1936. Serial No. 381,203. PUBLISHED OCTOBER 6, 1936. Class 17.

341,813. CANNED FISH, AND MORE ESPECIALLY FOR FILET OF FISH. AKTIESELSKAPET DET NORSKE FISKEFILET KOMPANI, Trondheim, Norway.
Filed July 30, 1935. Serial No. 367,816. PUBLISHED OCTOBER 13, 1936. Class 46.

341,814. HOUSEDRESSES, APRONS, AND WRAP-AROUND DRESSES. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed August 19, 1935. Serial No. 368,459. PUBLISHED OCTOBER 6, 1936. Class 39.

341,815. FILMS CONSISTING OF A MOISTURE AND AIR REPELLENT COMPOSITION WHETHER REINFORCED BY ADHESIVE COMPOUNDS, PAPER, FABRIC, WOOD, METAL, FOILS, OR FILMS, OR INTENDED FOR TRANSFER UNDER APPLICATION OF HEAT AND PRESSURE TO THE SURFACE OF PRINTED OR UNPRINTED, COLORED, PLAIN, OR DECORATED, TRANSPARENT, TRANSLUCENT, OR OPAQUE PAPER, FABRIC, WOOD, METAL, FOILS, OR FILMS, OR OTHER MATERIAL, AND SIMILAR PURPOSES. CLYDE SCOTT, East Orange, N. J.
Filed August 22, 1935. Serial No. 368,581. PUBLISHED OCTOBER 6, 1936. Class 50.

341,816. CANDY. SCHUTTER-JOHNSON CANDY CORPORATION, Chicago, Ill.
Filed September 9, 1935. Serial No. 369,141. PUBLISHED OCTOBER 13, 1936. Class 46.

341,817. NONALCOHOLIC SASSAFRAS BEVERAGE USED AS A MIXER. OLDE HOMESTEADE PRODUCTS CO., LTD., Los Angeles, Calif.
Filed October 21, 1935. Serial No. 370,625. PUBLISHED OCTOBER 13, 1936. Class 45.

341,818. PREPARATIONS FOR MAKING FOOD DRINKS. AL J. HANTEN, doing business as Dufold Malted Co., St. Paul, Minn.
Filed December 13, 1935. Serial No. 372,598. PUBLISHED FEBRUARY 25, 1936. Class 46.

341,819. FURNITURE POLISH AND FLOOR WAX. WILBERT PRODUCTS CO., INC., New York, N. Y.
Filed December 16, 1935. Serial No. 372,700. PUBLISHED OCTOBER 13, 1936. Class 16.

341,820. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND FOR SYRUPS, EXTRACTS, AND FLAVORS USED IN MAKING THE SAME. BOSTONIA BEVERAGES, INC., Natick, Mass.
Filed December 30, 1935. Serial No. 373,162. PUBLISHED FEBRUARY 11, 1936. Class 45.

341,821. POTTERY:—ANT GUARDS, BASINS, BASKETS, BEAN POTS, BOWLS, CASSEROLES, CHAMBERS, CHURNS, COMBINETTES, CREAMERS, CUPS, ETC. THE WHITE HALL SEWER PIPE AND STONEWARE COMPANY, White Hall, Ill.
Filed January 6, 1936. Serial No. 373,402. PUBLISHED OCTOBER 13, 1936. Class 30.

341,822. LETTERHEADS, ENVELOPES, BLANK BILLHEADS AND STATEMENTS, DIRECT MAIL FOLDERS, MAILING CARDS, BLANK LAUNDRY AND CLEANSING LISTS, TICKETS, AND WRITING PAPER, ALL SOLD AS SUCH SEPARATE AND APART FROM THE LAUNDRY BUSINESS. AMERICAN LAUNDRY, Providence, R. I.
Filed January 20, 1936. Serial No. 373,768. PUBLISHED OCTOBER 6, 1936. Class 37.

341,823. COFFEE. MOGAR COFFEE CO. INC., Brooklyn, N. Y.
Filed January 22, 1936. Serial No. 373,966. PUBLISHED OCTOBER 13, 1936. Class 46.

341,824. SEASONING CONSISTING LARGELY OF SALTS OF GLUTAMIC ACID. AJINOMOTO HONPO KABUSHIKI KAISHA SUZUKI SHOTEN, Takara Machi, Kyobashi Ku, Tokyo, Japan, assignor to S. Suzuki & Company of New York, Ltd., New York, N. Y., a corporation of New York.
Filed November 20, 1935. Serial No. 371,749. PUBLISHED OCTOBER 13, 1936. Class 46.

341,825. FLASHLIGHTS OF THE PORTABLE HAND TYPE, LANTERNS, AND SEARCHLIGHTS. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed February 13, 1936. Serial No. 374,803. PUBLISHED OCTOBER 13, 1936. Class 21.

341,826. TOOTH BRUSHES. DENTI-SET CORPORATION, Wilmington, Del.
Filed February 15, 1936. Serial No. 374,881. PUBLISHED OCTOBER 13, 1936. Class 29.

341,827. OVERCOATS FOR MEN AND WOMEN. THE NEPTUNE MFG. CO., Louisville, Ky.
Filed February 25, 1936. Serial No. 375,221. PUBLISHED OCTOBER 6, 1936. Class 39.

341,828. GREETING CARDS. RUST CRAFT PUBLISHERS, INC., Boston, Mass.
Filed March 10, 1936. Serial No. 375,815. PUBLISHED OCTOBER 13, 1936. Class 38.

341,829. CANDY AND ICE CREAM. ABBOTTS DAIRIES, INCORPORATED, Philadelphia, Pa.
Filed March 14, 1936. Serial No. 375,974. PUBLISHED OCTOBER 13, 1936. Class 46.

341,830. COFFEE. HOTEL WALDORF-ASTORIA CORPORATION, New York, N. Y.
Filed March 20, 1936. Serial No. 376,210. PUBLISHED OCTOBER 13, 1936. Class 46.

341,831. JEWELRY FOR PERSONAL WEAR OR ADORNMENT, NOT INCLUDING WATCHES. RHINE-CRAFT COMPANY, Brooklyn, N. Y.
Filed March 27, 1936. Serial No. 376,493. PUBLISHED SEPTEMBER 29, 1936. Class 28.

341,832. STOCK FOOD. E. G. BUCHSIEB, INC., Columbus, Ohio.
Filed April 1, 1936. Serial No. 376,663. PUBLISHED OCTOBER 13, 1936. Class 46.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

341,833. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) JOS. J. KOVAR CO. INC., Owatonna, Minn. Filed Aug. 12, 1936. Serial No. 382,096.

KOVAR

For Spring Tooth Harrows, Field Cultivators, Alfalfa Cultivators, Quack Grass Diggers, Corn Cultivators, Harrow Carts, Spring Harrow Teeth, Power Lift Diggers, Cultivator Shovels.
Claims use since 1911.

341,834. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BURRY BISCUIT CORPORATION, Chicago, Ill. Filed July 9, 1936. Serial No. 380,823.

Burry's

For Biscuits, Crackers, and Cookies.
Claims use since Dec. 14, 1934.

341,835. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) UNITED DRUG COMPANY, Boston, Mass. Filed May 23, 1936. Serial No. 378,810.

Briten

For Tooth Paste.
Claims use since Oct. 19, 1935.

341,836. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) JAM HANDY PICTURE SERVICE, INC., Detroit, Mich. Filed Apr. 29, 1936. Serial No. 377,794.

Automovie

For Automobile Vehicles Equipped with Motion Picture and Sound Projection Outfits.
Claims use since Dec. 1, 1933.

341,837. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE NATIONAL LIGHTING COMPANY, Arkansas City, Kans. Filed Apr. 27, 1936. Serial No. 377,701.

DI-CALCITE

For Chemical Composition Used As a Fuel.
Claims use since Mar. 10, 1935.

341,838. (CLASS 39. CLOTHING.) FAY-MISS BRASSIERE CO., INC., New York, N. Y. Filed Apr. 11, 1936. Serial No. 377,110.

Bali BRA

For Brassières, Bandeaus, Corsets, Corselets, and Girdles.
Claims use since March, 1935.

341,839. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) NIAGARA BLOWER COMPANY, Buffalo, N. Y. Filed Apr. 6, 1936. Serial No. 376,860.

NIAGARA

For Air Conditioning Systems; Fans, Heaters, and Ventilators Forming Parts of Systems for Drying Material and Heating and Ventilating Buildings; Blast Gates, Flexible Joints, Adjustable Hoods, Metallic Tubular Dust Arresters and Cloth Screen Dust Arresters Forming Parts of Systems for Conveying Dust Laden Air, Controlling the Same and Cleaning the Same by Removing Dirt Therefrom.
Claims use since about August, 1927, on fan heaters; since about August, 1926, on heating and ventilating apparatus; since about July, 1927, on air conditioners; since about June, 1919, on blast gates, flexible joints, adjustable hoods, and dust arresters; and since about June, 1925, on cloth screen dust arresters.

341,840. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) IDAHO CANNING COMPANY, Payette, Idaho. Filed Apr. 3, 1936. Serial No. 376,826.

Tasty Kernel

For Canned Vegetables.
Claims use since Oct. 29, 1935.

341,841. (CLASS 39. CLOTHING.) YOUNG'S MERCHANDISING CORPORATION, New York, N. Y. Filed Feb. 13, 1936. Serial No. 374,808.

Young's

Custom-Felted

For Men's Hats and Caps of Straw, Felt, and Silk, and Sport Hats for Women of Felt, and Straw, and Combinations Thereof.
Claims use since Nov. 1, 1935.

341,842. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) JACOB S. POLEFSKY, doing business as Continental Pure Products Co., Jersey City, N. J. Filed Dec. 21, 1935. Serial No. 372,926.

MARCH OF TIME

For Whiskeys, Brandies, Gins, and Cordials.
Claims use since Oct. 1, 1935.

341,843. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHARLES MICARI, Chicago, Ill. Filed Aug. 28, 1936. Serial No. 382,743.

MICARI ITALIAN SULPHUR SHAMPOO

For Liquid Hair Shampoo.
Claims use since Dec. 28, 1933.

341,844. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) JACOB S. POLEFSKY, doing business as Continental Pure Products Co., Jersey City, N. J. Filed August 24, 1936. Serial No. 382,521.

Ancient Formula

For Whiskeys, Brandies, Gins, and Cordials.
Claims use since May, 1934.

341,845. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LA TOURAINE COFFEE CO., Boston, Mass. Filed Aug. 19, 1936. Serial No. 382,407.

McCRACKEN'S

COFFEE

For Coffee.
Claims use since Oct. 25, 1926.

341,846. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) COLLINS RADIO COMPANY, Cedar Rapids, Iowa. Filed Nov. 30, 1935. Serial No. 372,131.

★ Multi-Band Antenna ★

For Radio Transmitting and Receiving Antennae.
Claims use since Oct. 18, 1935.

341,847. (CLASS 39. CLOTHING.) THE STROUSE-BAER COMPANY, INC., Baltimore, Md. Filed Nov. 23, 1935. Serial No. 371,938.

Kerrynub

For Boys' and Girls' Wear—Namely, Children's Wash Suits.
Claims use since Nov. 1, 1935.

341,848. (CLASS 39. CLOTHING.) THE JOSEPH & FEISS COMPANY, Cleveland, Ohio. Filed Nov. 18, 1935. Serial No. 371,695.

Mid-Wate

For Men's Clothing—Namely, Coats, Vests, Trousers, Overcoats, and Topcoats.
Claims use since Oct. 29, 1935.

341,849. (CLASS 39. CLOTHING.) INTERNATIONAL SHOE CO., St. Louis, Mo. Filed Nov. 7, 1935. Serial No. 371,313.

PRE-BROKE-IN

For Shoes of Leather, Fabric, and/or Combinations Thereof.
Claims use since Sept. 23, 1935.

341,850. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BREE COSMETICS, INC., doing business as Gibbs and Company, Chicago, Ill. Filed Nov. 6, 1935. Serial No. 371,256.

Bleachaid

For Hair Bleach.
Claims use since Oct. 28, 1935.

341,851. (CLASS 39. CLOTHING.) JOS. W. SMITH & SONS, New York, N. Y. Filed Nov. 5, 1935. Serial No. 371,236.

SUMMERTIME

For Men's and Boys' Topcoats, Overcoats, and Suits.
Claims use since Oct. 28, 1935.

341,852. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THOMPSON MATERIALS CORPORATION, New York, N. Y. Filed Nov. 1, 1935. Serial No. 371,082.

SHUR-MELT

For Ice and Snow Melting Preparations.
Claims use since Oct. 22, 1935.

341,853. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS. ELIZABETH ARDEN, INC., New York, N. Y. Filed Oct. 31, 1935. Serial No. 371,014.

SLENDERLINES

For Reducing Lotion.
Claims use since Oct. 17, 1935.

341,854. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) OSCAR F. NELSON, Chicago, Ill. Filed Oct. 25, 1935. Serial No. 370,811.

"COMFORT"

For Medicated Corn Plasters.
Claims use since Sept. 12, 1935.

341,855. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GOLDEN GLINT CO., INC., Seattle, Wash. Filed Oct. 24, 1935. Serial No. 370,766.

Golden Oil Shampoo

For Liquid Shampoo.
Claims use since Oct. 1, 1935.

341,856. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) EVERETT AND BARRON COMPANY, Providence, R. I. Filed Oct. 19, 1935. Serial No. 370,545.

ALL SPOT

For Shoe Dressings.
Claims use since Oct. 7, 1935.

341,857. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE VAPOR-GAS COMPANY, Vining, Minn. Filed Aug. 22, 1935. Serial No. 368,726.

VAPOR=GAS

For Pile Medicine.
Claims use since March 1, 1935.

341,858. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) EVERETT AND BARRON COMPANY, Providence, R. I. Filed July 29, 1935. Serial No. 367,786.

ONE WHITE

For Preparation for Cleaning Shoes, Slippers, Gloves, Belts, and other Leather Goods.
Claims use since March, 1932.

341,859. WITHDRAWN.

341,860. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) JACOB S. POLEFSKY, doing business as Continental Pure Products Co., Jersey City, N. J. Filed Dec. 21, 1935. Serial No. 372,921.

COLONEL Leonard

For Whiskeys, Brandies, Gins, and Cordials.
Claims use since Oct. 1, 1935.

341,861. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) PENINSULAR PAINT & VARNISH CO., Detroit, Mich. Filed Oct. 19, 1936. Serial No. 384,562.

KLEEN-EZY

For Dry, Paste, and Ready Mixed Paints, Paint Enamels, Lacquers, Japans, Kalsomines, Varnishes, Shellacs, Stains, Paint Cleaners, Paint and Varnish Removers, Paste and Liquid Floor Waxes, Putty; Paint, Enamel, Varnish, and Lacquer Fillers and Primers, and Furniture Polish.
Claims use since Sept. 1, 1935.

341,862. (CLASS 39. CLOTHING.) FLORENCE REICHMAN INC., New York, N. Y. Filed Oct. 16, 1936. Serial No. 384,438.

FLORENCE *Reichman*

For Women's and Misses' Hats and Caps.
Claims use since July, 1934.

341,863. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANCIS H. LEGGETT & COMPANY, New York, N. Y. Filed Oct. 12, 1936. Serial No. 384,263.

TUNABITS

For Canned Creamed Tuna Fish.
Claims use since Nov. 25, 1933.

341,864. (CLASS 39. CLOTHING.) BLOOMINGDALE BROS., INC., New York, N. Y. Filed Sept. 28, 1936. Serial No. 383,714.

rite-hite

For Hosiery.
Claims use since June 11, 1935.

TRADE-MARK REGISTRATIONS RENEWED

112,235. WRAPPING AND PRINTING PAPER. Registered August 22, 1916. THE UNION PAPER & TWINE COMPANY, Cleveland, Ohio, a corporation of Ohio. Renewed August 22, 1936.

112,883. A HOLLOW EXPANSIBLE AND CONTRACTIBLE CORRUGATED TUBULAR METAL DEVICE. Registered October 3, 1916. THE FULTON CO. Renewed October 3, 1936, to The Fulton Sylphon Company, Knoxville, Tenn., a corporation of Delaware, successor.

113,103. READY-MIXED PAINT. Registered October 10, 1916. MICHAEL MCNAMARA VARNISH WORKS. Renewed October 10, 1936, to Michael McNamara Varnish Works, Inc., Detroit, Mich., a corporation of Michigan, successor.

113,104. VARNISH. Registered October 10, 1916. MICHAEL MCNAMARA VARNISH WORKS. Renewed October 10, 1936, to Michael McNamara Varnish Works, Inc., Detroit, Mich., a corporation of Michigan, successor.

113,105. VARNISH. Registered October 10, 1916. MICHAEL MCNAMARA VARNISH WORKS. Renewed October 10, 1936, to Michael McNamara Varnish Works, Inc., Detroit, Mich., a corporation of Michigan., successor.

113,165. COASTING SLEDS. Registered October 10, 1916. STANDARD NOVELTY WORKS, Duncannon, Pa., a corporation of Pennsylvania. Renewed October 10, 1936.

113,376. PNEUMATIC TIRES. Registered October 17, 1916. THE B. F. GOODRICH COMPANY, New York, N. Y., a corporation of New York. Renewed October 17, 1936.

113,589. WEARING-APPAREL—NAMELY, CHILDREN'S DRAWERS. Registered October 24, 1916. E. H. HORWOOD & CO., Hoboken, N. J., and New York, N. Y., a corporation of New Jersey. Renewed October 24, 1936.

113,605. VARNISH. Registered October 24, 1916. MICHAEL MCNAMARA VARNISH WORKS. Renewed October 24, 1936, to Michael McNamara Varnish Works, Inc., Detroit, Mich., a corporation of Michigan, successor.

113,623. SKEES AND BINDERS THEREFOR, TOBOGGANS, AND SLEDS. Registered October 24, 1916. NORTHLAND SKI MANUFACTURING CO., St. Paul, Minn., a corporation of Minnesota. Renewed October 24, 1936.

113,637. WHEAT-FLOUR. Registered October 24, 1916. ST. MARY'S MILL CO., St. Marys, Mo., a corporation of Missouri. Renewed October 24, 1936.

113,638. WHEAT-FLOUR. Registered October 24, 1916. ST. MARY'S MILL CO., St. Marys, Mo., a corporation of Missouri. Renewed October 24, 1936.

113,639. WHEAT-FLOUR. Registered October 24, 1916. ST. MARY'S MILL CO., St. Marys, Mo., a corporation of Missouri. Renewed October 24, 1936.

113,640. SELF-RISING FLOUR. Registered October 24, 1916. ST. MARY'S MILL CO., St. Marys, Mo., a corporation of Missouri. Renewed October 24, 1936.

113,641. SELF-RISING FLOUR. Registered October 24, 1916. ST. MARY'S MILL CO., St. Marys, Mo., a corporation of Missouri. Renewed October 24, 1936.

113,642. SELF-RISING FLOUR. Registered October 24, 1916. ST. MARY'S MILL CO., St. Marys, Mo., a corporation of Missouri. Renewed October 24, 1936.

113,643. SELF-RISING FLOUR. Registered October 24, 1916. ST. MARY'S MILL CO., St. Marys, Mo., a corporation of Missouri. Renewed October 24, 1936.

113,713. A REMEDY FOR USE INTERNALLY AND EXTERNALLY FOR TREATMENT OF COLDS AND AILMENTS CAUSED THEREBY. Registered October 31, 1916. FREDERICK A. FURBISH, Boston, Mass. Renewed October 31, 1936, to Frederick A. Furbish, Belgrade, Maine.

113,736. INCUBATORS AND BROODERS. Registered October 31, 1916. DAVID M. HOLBROOK. Renewed October 31, 1936, to Master Incubator Company, Portland, Oreg., a corporation of Oregon, assignee.

113,816. A PHARMACEUTICAL PRODUCT CONTAINING ALL ALKALOIDS OF SECALE CORNUTUM, PARTICULARLY APPLICABLE IN OBSTETRICS AND GYNECOLOGY. Registered October 31, 1916. SOCIETE OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland, a corporation of Switzerland. Renewed October 31, 1936.

113,902. A CARBONATED NON-ALCOHOLIC BEVERAGE SOLD AS A SOFT DRINK, AND SYRUPS FOR MAKING THE SAME. Registered November 7, 1916. ORANGE-CRUSH COMPANY, Chicago, Ill., a corporation of Illinois. Renewed November 7, 1936.

113,919. A PHARMACEUTICAL PRODUCT USED INTERNALLY AND EXTERNALLY FOR CERTAIN DISEASES. Registered November 7, 1916. SOCIETE OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland, a corporation of Switzerland. Renewed November 7, 1936.

113,922. ECZEMA REMEDIES. Registered November 7, 1916. HARRY M. SWARTLEY, Charleston, S. C. Renewed November 7, 1936, to S. B. Leonardi & Co., Inc., New Rochelle, N. Y., a corporation of New York, assignee.

114,053. MALT TONIC. Registered November 21, 1916. BARTHOLOMAY BREWERY COMPANY, Rochester, N. Y. Renewed November 21, 1936, to Atlas Brewing Company, Chicago, Ill., a corporation of Illinois, assignee.

114,260. VERMUTH. Registered December 5, 1916. MARTINI & ROSSI, Turin, Italy. Renewed December 5, 1936, to W. A. Taylor & Co. Inc., New York, N. Y., a corporation of New York, assignee, by mesne assignments.

114,533. LAUNDRY-WASHING MACHINES. Registered December 19, 1916. THE NINETEEN HUNDRED WASHER COMPANY. Renewed December 19, 1936, to Nineteen Hundred Corporation, Binghamton, N. Y., a corporation of New York, by consolidation.

115,005. SWORD-BLADES, MATCHETS, AND MACHET-KNIVES. Registered January 16, 1917. ROBT. MOLE & SONS. Renewed January 16, 1937, to Ralph Martindale & Co., Limited, Birminghan, England, a corporation of Great Britain, assignee.

115,080. BEER. Registered Januray 23, 1917. M. K. GOETZ BREWING CO., St. Joseph, Mo., a corporation of Missouri. Renewed January 23, 1937.

115,081. BEER. Registered January 23, 1917. M. K. GOETZ BREWING CO., St. Joseph, Mo., a corporation of Missouri. Renewed January 23, 1937.

115,132. A LINIMENT FOR CERTAIN NAMED PURPOSES. Registered January 23, 1917. DAVID WRÓBLEWSKI, New York, N. Y. Renewed January 23, 1937, to David Wroblewski, Brooklyn, N. Y.

115,231. PRINTED BOOKS AND MUSICAL WORKS. Registered January 30, 1917. THE ARTHUR P. SCHMIDT CO., Boston, Mass., a firm. Renewed January 30, 1937.

115,475. CERTAIN NAMED CHEMICALS AND PHARMACEUTICAL PREPARATIONS. Registered February 20, 1917. ASEPTIC PRODUCTS COMPANY. Renewed February 20, 1937, to Vadsco Sales Corporation, Long Island City, N. Y., a corporation of Delaware, assignee.

115,650. CHEWING-GUM, CANDY, SWEETMEATS, AND CONFECTIONS. Registered February 27, 1917. MINT PRODUCTS COMPANY, INCORPORATED, New York, N. Y. Renewed February 27, 1937, to Life Savers, Inc., Port Chester, N. Y., a corporation of Delaware, assignee.

115,681. VEGETABLE OIL USED FOR FOOD PURPOSES. Registered February 27, 1917. THE SOUTHERN COTTON OIL COMPANY, Jersey City, N. J., Savannah, Ga., Bayonne, N. J., New Orleans, La., and New York, N. Y. Renewed February 27, 1937, to The Southern Cotton Oil Company, New Orleans, La., a corporation of New Jersey.

115,712. MAYONNAISE DRESSING. Registered February 27, 1917. R. C. WILLIAMS & COMPANY. Renewed February 27, 1937, to R. C. Williams & Company, Inc., New York, N. Y., a corporation of New York, assignee.

115,892. RUBBER BOOTS AND RUBBER SHOES. Registered March 20, 1917. LAMBERTVILLE RUBBER COMPANY. Renewed March 20, 1937, to Lambertville Rubber Company, Inc., Lambertville, N. J., a corporation of New Jersey, successor.

115,895. CHEWING-GUM, CANDY, SWEETMEATS, AND CONFECTIONS. Registered March 20, 1917. MINT PRODUCTS COMPANY, INCORPORATED, New York, N. Y. Renewed March 20, 1937, to Life Savers, Inc., Port Chester, N. Y., a corporation of Delaware, assignee.

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116,191. CERTAIN NAMED EXTRACTS USED FOR FLAVORING FOOD. Registered April 10, 1917. JOSEPH BURNETT COMPANY, Boston, Mass., a corporation of Massachusetts. Renewed April 10, 1937.

116,209. MEDICINE-CABINETS. Registered April 17, 1917. J. P. EUSTIS MANUFACTURING COMPANY, Boston, Mass. Renewed April 17, 1937, to J. P. Eustis Manufacturing Company, Cambridge, Mass., a corporation of Massachusetts, successor.

LABELS

REGISTERED DECEMBER 22, 1936

48,571.—*Title:* A-B FIVE, POULTRY, HOG AND LIVE STOCK PREPARATIONS. For Poultry, Hog and Live Stock Preparations. AMERICAN BEAUTY FIVE, Nashville, Tenn. Published November 20, 1935.

48,572.—*Title:* SHONTEX. For a Preparation for the Hair and Scalp. E. O. ANDERSON & CO., San Diego, Calif. Published May 6, 1936.

48,573.—*Title:* FLOWER GLUE. For Glue. ANNA INGEBORG BRICK, San Francisco, Calif. Published September 3, 1936.

48,574.—*Title:* BURGESS JIGGERS SOLDERING CAPS. For Soldering Caps. BURGESS BATTERY COMPANY, Freeport, Ill. Published October 16, 1936.

48,575.—*Title:* BURRY'S COCOANUT PIXIES. For Biscuits. BURRY BISCUIT CORPORATION, Linden, N. J. Published September 18, 1936.

48,576.—*Title:* MRS. CHARLES' HANDY CLOTHES PIN BAG. For Clothes-Pin Bags Which Slide on Clothes Lines. WEBB R. CHARLES, Wichita, Kans. Published October 21, 1936.

48,577.—*Title:* FASHIONABLE FOOTWEAR. For Footwear. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published January 11, 1935.

48,578.—*Title:* FOOTWEAR OF QUALITY. For Footwear. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published July 16, 1935.

48,579.—*Title:* EXCLUSIVE FOOTWEAR. For Footwear. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published June 30, 1936.

48,580.—*Title:* FINE FOOTWEAR. For Footwear. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published April 18, 1936.

48,581.—*Title:* SHOES OF DISTINCTION. For Shoes. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published April 18, 1936.

48,582.—*Title:* EXQUISITE FOOTWEAR. For Footwear. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published February 15, 1935.

48,583.—*Title:* SHOES FOR DEBUTANTES. For Shoes. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published May 23, 1936.

48,584.—*Title:* JOHN TAYLOR'S—JUST A STEP AHEAD ON PETTICOAT LANE. For Footwear. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published December 1, 1934.

48,585.—*Title:* J. B. IVEY & CO.—FASHIONABLE FOOTWEAR. For Footwear. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published October 27, 1936.

48,586.—*Title:* I-KLEER COLLYRIUM EYE SALVE. For An Eye Salve for Red-Granular Lids. COLLYRIUM INCORPORATED, New York, N. Y. Published August 15, 1936.

48,587.—*Title:* PELLIN EMBOSSED NAPKINS. For Embossed Napkins. DIANA MANUFACTURING COMPANY, Green Bay, Wis. Published August 24, 1936.

48,588.—*Title:* CLEARLITE. For Window Glass. FOURCO GLASS COMPANY, Clarksburg, W. Va. Published August 1, 1936.

48,589.—*Title:* GILBERT CHEMISTRY OUTFIT. For Chemistry Outfits. The A. C. GILBERT COMPANY, New Haven, Conn. Published August 6, 1936.

48,590.—*Title:* SUNICAL FRUIT COCKTAIL. For Fruit Cocktail. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published September 3, 1936.

48,591.—*Title:* SUNICAL SLICED YELLOW CLING PEACHES. For Sliced Yellow Cling Peaches. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published August 26, 1936.

48,592.—*Title:* SUNICAL BARTLETT PEARS. For Bartlett Pears. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published September 10, 1936.

48,593.—*Title:* HEARST RANCH BRAND FANCY FRUITS FOR SALAD. For Fancy Fruits for Salad. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published August 10, 1936.

48,594.—*Title:* MODERN PAK LUSCIOUS WHOLE PEELED APRICOTS. For Whole Peeled Apricots. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published September 3, 1936.

48,595.—*Title:* MODERN PAK LUSCIOUS APRICOTS. For Apricots. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published September 3, 1936.

48,596.—*Title:* MODERN PAK LUSCIOUS SLICED PEACHES. For Sliced Peaches. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published September 3, 1936.

48,597.—*Title:* MODERN PAK LUSCIOUS HALVED PEACHES. For Halved Peaches. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published September 3, 1936.

48,598.—*Title:* MODERN PAK LUSCIOUS FRUIT COCKTAIL. For Fruit Cocktail. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published September 3, 1936.

48,599.—*Title:* HEARST RANCH BRAND FANCY FRUIT COCKTAIL. For Fancy Fruit Cocktail. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published August 10, 1936.

48,600.—*Title:* APRON STRINGS SLICED CALIFORNIA YELLOW CLING PEACHES. For Sliced California Yellow Cling Peaches. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published September 5, 1936.

48,601.—*Title:* APRON STRINGS HALVED CALIFORNIA YELLOW CLING PEACHES. For Halved California Yellow Cling Peaches. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published September 5, 1936.

48,602.—*Title:* RURAL GOLD FRUITS FOR SALAD. For Fruits for Salad. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published August 10, 1936.

48,603.—*Title:* RURAL GOLD FRUIT COCKTAIL. For Fruit Cocktail. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published August 10, 1936.

48,604.—*Title:* RURAL GOLD HALVED BARTLETT PEARS. For Halved Bartlett Pears. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published October 1, 1936.

48,605.—*Title:* HEARST RANCH BRAND FANCY HALVED BARTLETT PEARS. For Fancy Halved Bartlett Pears. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published August 10, 1936.

48,606.—*Title:* HEARST RANCH BRAND FANCY SLICED PEACHES. For Fancy Sliced Peaches. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published July 8, 1936.

48,607.—*Title:* HEARST BRAND HAWAIIAN FANCY SLICED PINEAPPLE. For Hawaiian Fancy Sliced Pineapple. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published August 10, 1936.

48,608.—*Title:* HEARST RANCH BRAND FANCY HALVED PEACHES. For Fancy Halved Peaches. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published July 8, 1936.

48,609.—*Title:* HEARST RANCH BRAND FANCY ROYAL ANNE CHERRIES. For Fancy Royal Anne Cherries. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published September 1, 1936.

48,610.—*Title:* HEARST RANCH BRAND FANCY HALVED APRICOTS. For Fancy Halved Apricots. HEARST SUNICAL LAND AND PACKING CORPORATION, San Francisco, Calif. Published September 1, 1936.

48,611.—*Title:* ROSE MARIE. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published February 17, 1936.

48,612.—*Title:* CUSHCO. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published February 13, 1936.

48,613.—*Title:* WONDER VALUE. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published March 11, 1936.

48,614.—*Title:* A & S W Co. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published March 25, 1936.

48,615.—*Title:* SMART SHOES. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published March 9, 1936.

48,616.—*Title:* ARCH CORRECTOR. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published March 30, 1936.

48,617.—*Title:* FAMOUS FITTING FOOTWEAR. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published February 17, 1936.

48,618.—*Title:* SMART STYLES. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published February 3, 1936.

48,619.—*Title:* MODERN STYLES. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published January 29, 1936.

48,620.—*Title:* MISSES' SHOES. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published January 29, 1936.

48,621.—*Title:* MARTHA JAY. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published February 27, 1936.

48,622.—*Title:* PEP-O POULTRY TONIC. For a Poultry Tonic. R. L. HOOPER, Fairfield, Ill. Published September 25, 1936.

48,623.—*Title:* IMPERIAL. For a Grape Fruit Beverage. IMPERIAL BEVERAGE COMPANY, Kalamazoo, Mich. Published May 1, 1936.

48,624.—*Title:* IMPORTED FAIRY TOUCH HAIR NETS. For Hair Nets. H. A. LOEB & CO., Chicago, Ill. Published September 21, 1936.

48,625.—*Title:* 3 LADY ANNE HUMAN HAIR NETS. For Hair Nets. H. A. LOEB & CO., Chicago, Ill. Published September 22, 1936.

48,626.—*Title:* MALTEX. For Cereal. MALTEX COMPANY, INC., Burlington, Vt. Published October 20, 1936.

48,627.—*Title:* MOR-FOAM. For Coco Hard Water Soap. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published September 25, 1936.

48,628.—*Title:* PHILLIPS CASTORIA. For a Laxative Especially Suited for Infants and Children. PHILLIPS CASTORIA CO., Paterson, N. J. Published August 5, 1936.

48,629.—*Title:* DOUBLE-A. For Capsules for the Relief of Colds and Intestinal Pains Due to Colds. SARATOGA LABORATORY, Springfield, Mass. Published September 1, 1936.

48,630.—*Title:* ROYAL. For Lime Flavor Gelatin Dessert. STANDARD BRANDS INCORPORATED, New York, N. Y. Published October 10, 1936.

48,631.—*Title:* ROYAL. For Pineapple Flavor Gelatin Dessert. STANDARD BRANDS INCORPORATED, New York, N. Y. Published October 10, 1936.

48,632.—*Title:* ROYAL. For Strawberry Flavor Gelatin Dessert. STANDARD BRANDS INCORPORATED, New York, N. Y. Published October 10, 1936.

48,633.—*Title:* ROYAL. For Raspberry Favor Gelatin Dessert. STANDARD BRANDS INCORPORATED, New York, N. Y. Published October 10, 1936.

48,634.—*Title:* ROYAL. For Lemon Flavor Gelatin Dessert. STANDARD BRANDS INCORPORATED, New York, N. Y. Published October 10, 1936.

48,635.—*Title:* ROYAL. For Cherry Flavor Gelatin Dessert. STANDARD BRANDS INCORPORATED, New York, N. Y. Published October 10, 1936.

48,636.—*Title:* ROYAL. For Orange Flavor Gelatin Dessert. STANDARD BRANDS INCORPORATED, New York, N. Y. Published October 10, 1936.

48,637.—*Title:* SEC CLEANING SOLVENT. For a Cleaning Solvent. STAR EQUIPMENT CORPORATION, Bloomfield, N. J. Published September 8, 1936.

48,638.—*Title:* HIGBEE COMPANY, CLEVELAND-EXCLUSIVE FOOTWEAR. For Footwear. STOCKTON N. SOMMER & CO., INC., St. Louis, Mo. Published January 9, 1936.

48,639.—*Title:* HE-NE BE-NE. For a Honey and Butter Spread for Bread, Toast, Waffles, Pancakes, etc. WALTHAM SYSTEM INC., Buffalo, N. Y. Published August 19, 1936.

48,640.—*Title:* WHOLE WHEAT BREAD SLICED. For Wholewheat Bread. WAXIDE PAPER COMPANY, Kansas City, Mo. Published October 20, 1936.

LABELS RENEWED

15,054. LILY OF THE VALLEY ILLUSION FOR PERFUMERY. Registered August 24, 1909. GEO. BORGFELDT & Co., New York, N. Y. Renewed August 24, 1937, to Georg Dralle, Hamburg and Altona-on-the Elbe, Germany, a firm, assignee.

15,055. ROSE ILLUSION FOR PERFUMERY. Registered August 24, 1909. GEO. BORGFELDT & Co., New York, N. Y. Renewed August 24, 1937, to Georg Dralle, Hamburg and Altona-on-the-Elbe, Germany, a firm, assignee.

15,056. VIOLET ILLUSION FOR PERFUMERY. Registered August 24, 1909. GEO. BORGFELDT & Co., New York, N. Y. Renewed August 24, 1937, to Georg Dralle, Hamburg and Altona-on-the-Elbe, Germany, a firm, assignee.

15,059. NARCISSE ILLUSION FOR PERFUMERY. Registered August 31, 1909. GEO. BORGFELDT & Co., New York, N. Y. Renewed August 31, 1937, to Georg Dralle, Hamburg and Altona-on-the-Elbe, Germany, a firm, assignee.

PRINTS

REGISTERED DECEMBER 22, 1936

15,971.—*Title:* HOW ARE YOU SPENDING YOUR GASOLINE? For Carburetors. BENDIX PRODUCTS CORPORATION, South Bend, Ind. Published June 10, 1936.

15,972.—*Title:* LITTLE DROPS OF GASOLINE MAKE MORE MILES PER GALLON. For Carburetors. BENDIX PRODUCTS CORPORATION, South Bend, Ind. Published June 10, 1936.

15,973.—*Title:* A SWITCH IN TIME SAVES GASOLINE. For Carburetors. BENDIX PRODUCTS CORPORATION, South Bend, Ind. Published June 10, 1936.

15,974.—*Title:* GERM PROOF YOUR HOME. For Paints and Enamels. CAMEL LEAD, COLOR & CHEMICAL PRODUCTS MFG. CORP., doing business as Germ-Proof Film Paint Co., Brooklyn, N. Y. Published June 25, 1936.

15,975.—*Title:* GOLDEREST. For Coal. CENTRAL WEST COAL COMPANY, Menominee, Mich. Published October 1, 1936.

15,976.—*Title:* GET THE HABIT. For Eye Lotion. COLLYRIUM INCORPORATED, New York, N. Y. Published October 10, 1936.

15,977.—*Title:* BEN-FRANKLIN. For Eye-Glasses. COMMON SENSE OPTICAL CO., Chicago, Ill. Published September 28, 1936.

15,978.—*Title:* QUICK ENERGY FOR YOUNG WHIRLWINDS! For Wheat Breakfast Food. THE CREAM OF WHEAT CORPORATION, Minneapolis, Minn. Published October 25, 1936.

15,979.—*Title:* LIFE HISTORY AND METAMORPHOSIS OF COTTON LEAF WORM. For Calcium Arsenate Used for Cotton Leaf Worm Control. GENERAL CHEMICAL COMPANY, New York, N. Y. Published May 2, 1936.

15,980.—*Title:* THIS AMAZING NEW RECIPE COLLECTION GIVEN FREE AT GROCERS WHERE YOU SEE THIS DISPLAY. For Flour. GENERAL MILLS, INC., Minneapolis, Minn. Published October 27, 1936.

15,981.—*Title:* SUNSHINE SOLUTION—ANTI FREEZE. For an Anti Freeze Solution for Automobile Radiators. MORRIS M. HORWITZ, Chicago, Ill. Published September 22, 1936.

15,982.—*Title:* LEWIS. For Sewing Machines. LEWIS INVISIBLE STITCH MACHINE COMPANY, St. Louis, Mo. Published August 1, 1936.

REISSUES

DECEMBER 22, 1936

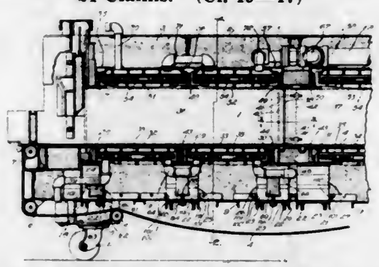
20,209

GLASSWARE LEER CONSTRUCTION

Harold B. Eastwood, Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a corporation of Delaware

Original No. 1,997,250, April 9, 1935, Serial No. 700,648, December 2, 1933. Application for reissue June 12, 1936, Serial No. 84,913

24 Claims. (Cl. 49—47)



1. In a glass annealing leer, including an outer tunnel composed of insulating material and a structural framework, an inner tunnel including a wall-forming portion of hollow construction to form a passage for a gaseous temperature controlling medium, unattached either to other portions of said inner tunnel or to said framework and free to expand and move when heated, and means for supplying heat to the interior of said hollow wall-forming portion.

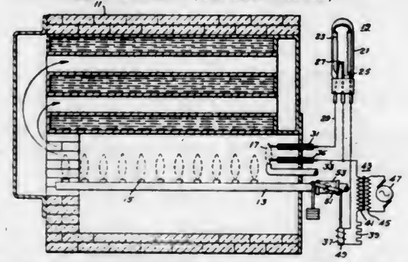
20,210

SAFETY SYSTEM

Dewey D. Knowles, Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania

Original No. 1,809,280, dated June 9, 1931, Serial No. 280,710, May 26, 1928. Application for reissue October 29, 1932, Serial No. 640,302

11 Claims. (Cl. 158—117.1)



9. In combination an electric discharge device having a control electrode and a plurality of principal electrodes and a gaseous medium, said device being of the type that has an energized condition and a deenergized condition and is capable only of abrupt transition from one condition to the other, means for impressing a potential difference between said control electrode and one of said principal electrodes to maintain said discharge device in one of said conditions, and means for controlling the condition of said device, said means comprising an electrical conduction path including a space and means for producing combustion in the region of said space, whereby said space is ionized by combustion products, and means for directly coupling said conduction path between said control electrode and said one of said principal electrodes whereby in the absence of a flame in said space a potential difference exists across said space and occurrence of a flame in said space produces a decrease in said last-named potential difference and a change in the condition of said discharge device.

20,211

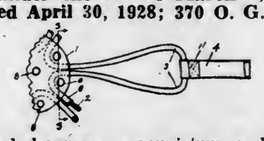
GAS MASK HEAD HARNESS

Armand V. Motsinger, Aberdeen, Md.

Original No. 1,942,442, dated January 9, 1934, Serial No. 582,345, December 21, 1931. Application for reissue July 13, 1934, Serial No. 734,976

5 Claims. (Cl. 128—140)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A head harness comprising a head pad adapted to be positioned against the back of a wearer's head, said pad being formed of two members, a continuous coiled spring having spaced portions thereof looped between the two members of said head pad, and means securing said two members together and also preventing slippage of said coiled spring.

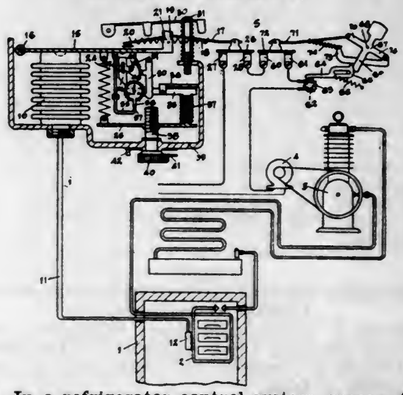
20,212

REFRIGERATOR CONTROL

Estel C. Raney, Columbus, Ohio, assignor to Ranco Incorporated, Columbus, Ohio, a corporation of Ohio

Original No. 1,877,967, dated September 20, 1932, Serial No. 608,159, April 29, 1932. Application for reissue October 30, 1933, Serial No. 695,936

32 Claims. (Cl. 62—4)



1. In a refrigerator control system, means for maintaining a normal operating refrigerating cycle between fixed temperature limits, means for periodically modifying the upper temperature limit, means for adjusting the temperature range of the normal operating cycle, a compensating means whereby the upper temperature limit of

the periodic cycle remains at a practically fixed value regardless of adjustment of the normal operating cycle.

20,213
PIEZOELECTRIC DEVICE
Charles B. Sawyer, Cleveland Heights, Ohio, assignor, by mesne assignments, to The Brush Development Company, Cleveland, Ohio, a corporation of Ohio
Original No. 1,802,782, dated April 28, 1931, Serial No. 189,443, May 6, 1927. Renewed November 18, 1930. Application for reissue April 27, 1933, Serial No. 668,233
7 Claims. (Cl. 179—110)

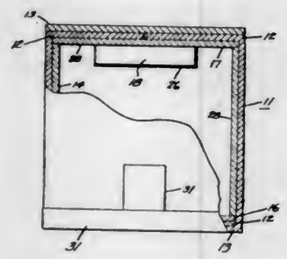


5. In a piezo-electric device, the combination of a piezo-electric transducer element comprising in combination a flexible plate-like portion of material having substantially the piezo-electric properties of Rochelle salt crystal, the said plate-like portion having an electrical axis substantially perpendicular to the faces of the plate and being adapted to expand in one direction perpendicular to said electrical axis and simultaneously to contract in a direction perpendicular to the first direction and to the electrical axis when subjected to an electrostatic field of a given polarity substantially parallel to the said electrical axis and to contract in the first direction and expand in the second direction when the polarity of such field is reversed, and a flexible plate-like body cemented to one face of the said plate-like portion and adapted to oppose expansion and contraction of the said portion in both of the said directions and cause said portion, when subjected to the action of an electrostatic field of given polarity, to bend about two axes of curvature disposed at right angles to each other on opposite sides of the element and parallel to the faces of the said portion of the element and, conversely, cause the establishment of such an electrostatic field when the portion is mechanically bent, whereby variations in the specific piezo-electric effect incident to variation in temperature and incident to variation in the level of applied energy, are largely reduced; and means connected to the piezo-electric element and adapted to be driven by and to drive the said element.

20,214
PROCESS OF OBTAINING BERYLLIUM AND ALUMINUM COMPOUNDS
Charles B. Sawyer and Bengt Kjellgren, Cleveland Heights, Ohio, assignors to The Brush Beryllium Company, Cleveland, Ohio, a corporation of Ohio
No Drawing. Original No. 1,823,864, September 15, 1931, Serial No. 488,662, October 14, 1930. Application for reissue September 14, 1933, Serial No. 689,496. In Canada January 6, 1927
14 Claims. (Cl. 23—19)

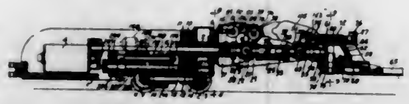
1. The process of extracting beryllium from beryl which consists in increasing the chemical reactivity of the beryl by heating it above 1000° C. under conditions which change its original physical structure and substantially maintain its original chemical composition with respect to BeO, Al_2O_3, and SiO_2 and cooling it, and thereafter treating the modified beryl with a reagent at temperatures adapted to transform beryllium content thereof directly into a soluble form.

20,215
REFRIGERATED PACKAGE
John H. Woolf, San Francisco, Calif.
Original No. 2,045,627, June 30, 1936, Serial No. 686,024, August 21, 1933. Renewed January 20, 1936. Application for reissue September 5, 1936, Serial No. 99,663
28 Claims. (Cl. 62—91.5)



25. In combination with a box formed of paper to provide an interior space for products, said box being subject to failure as a mechanical structure upon prolonged subjection to a humid atmosphere, a bright metal foil sheath attached to the innermost surfaces of said box to form a substantially continuous metal sheath lining protecting said board against failure due to a humid atmosphere in said space; means providing a substantially humid atmosphere in said space, and means for refrigerating said space.

20,216
COAL MINING MACHINE
Frank B. Yingling, Hamilton, Ohio, assignor to Cyrus J. Fitton, Hamilton, Ohio
Original No. 1,996,135, dated April 2, 1935, Serial No. 680,375, July 14, 1933. Application for reissue October 7, 1936, Serial No. 105,353
27 Claims. (Cl. 262—28)

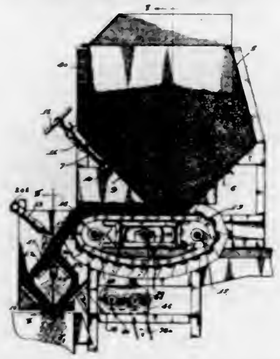


1. In a mining machine, a casing having a pair of arms, a sleeve in each arm, a link having at one end arms pivotally mounted on the sleeves, bearings in each sleeve, a shaft in the bearings, a cutter mounted on the other end of the link, and an operative connection between the shaft and the cutter.

PATENTS

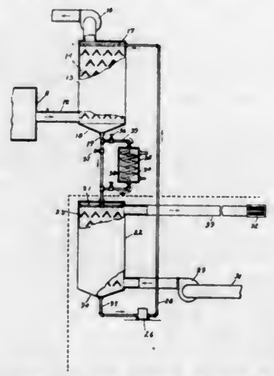
GRANTED DECEMBER 22, 1936

2,064,807
ROAD BUILDING MACHINE
Harry H. Barber, Aurora, Ill., assignor to Barber-Greene Company, Aurora, Ill., a corporation of Illinois
Application August 20, 1932, Serial No. 629,633
15 Claims. (Cl. 94—43)



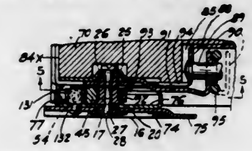
5. In a road paving machine, a spraying device comprising a supply pipe, a pair of parallel pipes connected to said supply pipe, a plurality of nozzles upon said parallel pipes, means for passing a stream of aggregate between said parallel pipes and means for dividing said stream of aggregate between said pipes.

2,064,808
AIR CONDITIONING
Charles F. Beran, Tuckahoe, N. Y., assignor to Celanese Corporation of America, a corporation of Delaware
Application February 8, 1934, Serial No. 710,305
2 Claims. (Cl. 261—115)



1. A process for conditioning the air of textile manufacturing or processing rooms, which comprises passing a gaseous medium, which has been employed to remove solvents by evaporation from extruded products in a dry spinning process and has subsequently been cooled in a solvent recovery plant, whereby it has become dry, in direct contact with a liquid, whereby the gaseous medium absorbs vapors of the liquid and thus causes lowering the temperature thereof, and subsequently passing the said liquid in heat exchange with the air to be conditioned.

2,064,809
CLOSURE OPERATING DEVICE
Martin C. Bersted, deceased, late of San Diego, Calif., by Julie Bersted, administratrix, San Diego, Calif., assignor, by decree of court, to Julie Bersted, widow of said Martin C. Bersted, deceased
Original application February 25, 1935, Serial No. 8,105. Divided and this application February 24, 1936, Serial No. 65,374
7 Claims. (Cl. 16—185)

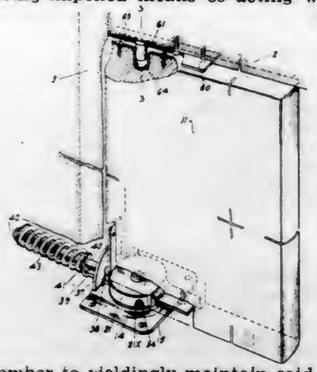


1. In a device for controlling the movements of a swinging structure, a base having a pivot upstanding therefrom, said pivot having an annular bearing surface at its upper end, a ball bearing mounted upon said bearing surface, a cover member adapted for attachment to a swinging structure, said member having a rise cooperating with said bearing surface and thereby housing the balls of said bearing, said cover member having a slot therethru which extends radially in relation to said pivot, a strap iron underlying the slotted portion of said cover plate and having a slot which registers with said slot thereof, a spring pressed follower, a cam block mounted upon said pivot and operatively related to said follower, means to connect said cover member and follower with a swinging member to swing therewith, the position of said follower being controllable by said cam block, and a spring to act upon said follower, said spring being supported by said strap iron and said follower having a guide portion which extends through both of the aforementioned slots.

2,064,810
CLOSURE OPERATING DEVICE
Martin C. Bersted, San Diego, Calif., assignor, by decree of court, to Julie Bersted widow of said Martin C. Bersted, deceased
Application February 25, 1935, Serial No. 8,105
12 Claims. (Cl. 16—185)

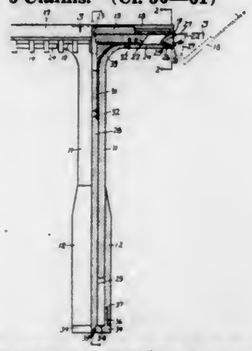
1. In a device of the kind described, a cam member, mounted in a nearly fixed relation to a door to swing therewith, screw threaded adjustable means acting between said door and cam member to regulate their precise relative positions with respect to the swing of the door, upper and lower relatively turnable plates having peripheral flanges directed towards each other thereby forming a housing for said cam member, said flanges having recesses registrable with each other to provide openings for the admission

of a tool to regulate said screw threaded means, and spring-impelled means co-acting with said



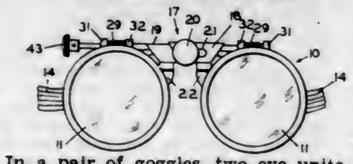
cam member to yieldingly maintain said door in different parts of the path along which it swings.

2,064,811
SAFETY RAZOR
Michael J. Biocina, San Francisco, Calif.
Application June 18, 1935, Serial No. 27,151
5 Claims. (Cl. 30—61)



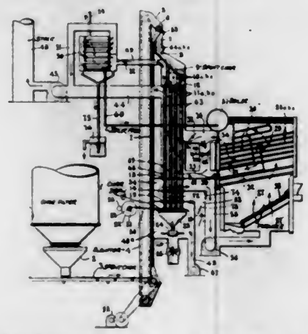
1. A safety razor comprising a guard having a blade-supporting surface, cap sections pivotally mounted on said guard for clamping a blade on said guard and for affording access to a blade thereon, a hollow handle of two sections, an arm slidably disposed in said handle, and a pair of fingers slidably disposed in said guard; said fingers being connected to said arm, and each connected to a different cap section; said arm and fingers being adapted to be actuated for pivoting said cap sections by relative movement of said handle sections.

2,064,812
GOGGLES
Samuel E. Bouchard, Rochester, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application December 16, 1935, Serial No. 54,559
5 Claims. (Cl. 88—41)



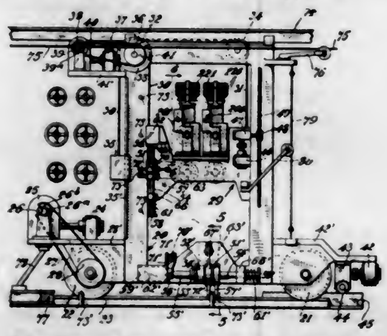
2. In a pair of goggles, two eye units, bridge means for rockably connecting said eye units, an optical element rotatably mounted in each eye unit, rotatable means on each eye unit for rotating the element in that unit, and a flexible shaft interconnecting said rotatable means.

2,064,813
APPARATUS FOR UTILIZING FURNACE GASES IN THE RECLAIMING OF BONE BLACK AND LIKE MATERIALS
Nathaniel R. Andrews, Yonkers, N. Y.
Original application April 24, 1933, Serial No. 667,723. Divided and this application April 24, 1933, Serial No. 667,722
8 Claims. (Cl. 202—114)



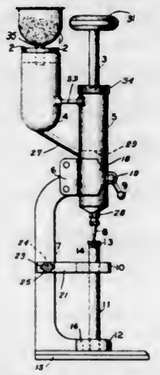
2. In apparatus for reconditioning char and the like by heating, in combination, an elongated retort divided into sections for heating at different temperatures, a boiler and a furnace for heating the same, means for passing flue gases from said furnace in series through a plurality of passes in contact with said boiler, means for extracting flue gases from a point in the final pass and conducting it directly to one section of said retort, means for extracting flue gases from a point intermediate the final pass and the furnace, means for receiving and mixing the flue gases from said points and means for passing said mixture from the mixing means into contact with a second section of said retort heated to a higher temperature than said first section.

2,064,814
SELECTIVE VALVE OPERATING APPARATUS
Nathaniel R. Andrews, Yonkers, N. Y.
Application November 13, 1934, Serial No. 752,855
40 Claims. (Cl. 137—139)



1. Selective valve operating apparatus comprising an electric motor operated valve operating device, an electric motor operated means on which said device is operatively supported, having guided movement to and from a position in which said device will be in alignment with a selected valve to be operated thereby, and a remote control for said motors including a distant station connected through electric circuits with said motors and having control switches.

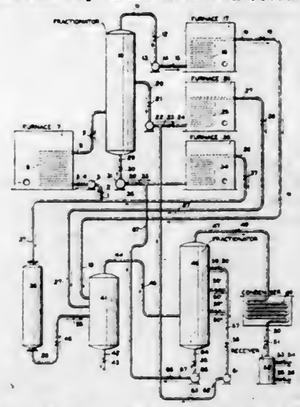
2,064,815
APPARATUS FOR FILLING SYRINGE CARTRIDGES AND THE LIKE
James L. Armstrong, Miami Beach, Fla.
Application August 10, 1933, Serial No. 684,525
4 Claims. (Cl. 226—116)



4. Means for filling syringe cartridges, comprising in combination, a base and a standard, a piston pump removably supported by said standard above the base, said pump having a needle-like discharge nozzle, means carried by said pump for receiving a supply of liquid filler for the cartridge, a duct between said supply and the interior of said pump communicating with the pump interior adjacent the active face of the piston when the same is at the end of its stroke in a direction away from the pump nozzle, means for clamping a cartridge in position to receive fluid from said nozzle, said piston being adjacent the nozzle end of the pump for closing fluid admission to the pump on initiation of the filling operation, movement of the piston away from the nozzle evacuating the cartridge prior to fluid entry and movement of the piston toward the nozzle forcing fluid into said cartridge.

2,064,816
TREATMENT OF HYDROCARBON OILS
Otto Behimer, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application October 22, 1932, Serial No. 639,035
2 Claims. (Cl. 196—60)

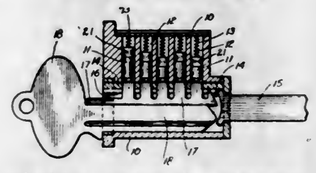
1. A process for producing motor fuel which comprises fractionating crude oil containing natural gasoline and separating the same into a vaporous fraction containing the natural gasoline and naphtha, an intermediate liquid fraction, and bottoms; independently subjecting the vaporous fraction, the liquid fraction and the bottoms to conversion conditions of temperature and pressure and subsequently commingling the same, separating the commingled hydrocarbons into vapors and residue, fractionating the vapors independently of the charging oil and separating therefrom a light reflux and a heavy reflux, retreating the light and heavy refluxes in admixture with said liquid fraction and bottoms respectively and finally condensing the fractionated vapors.



2,064,817
MANUFACTURE OF SALTS OF DIAZOTIZED TETRAZOLE DERIVATIVES
Willi Brün, Bridgeport, Conn., assignor to Remington Arms Company, Inc., a corporation of Delaware
No Drawing. Application December 10, 1932, Serial No. 646,711
1 Claim. (Cl. 260—44)

In the manufacture of a sodium salt of diazo amino tetrazole, the method which comprises the addition to a solution containing sodium acetate, glacial acetic acid, and a salt of the group consisting of the nitrate and sulphate of amino guanidine, in the proportions of 5 grams of sodium acetate, 7 c. c. of glacial acetic acid, and 10 grams of the amino guanidine salt, in 50 c. c. of water; of a solution containing sodium nitrite in the proportions of 8 grams of sodium nitrite in 30 c. c. of water; the temperature of the reacting solution being maintained between 5° and 25° C., and the subsequent recovery of the entire precipitate as the substantially pure sodium salt of diazo amino tetrazole.

2,064,818
MEANS FOR UNLOCKING LOCKS
Francis Buday, New York, N. Y.
Application September 29, 1934, Serial No. 746,070
1 Claim. (Cl. 70—9)



An unlocking means for standard tumbler locks comprising an individual auxiliary key member adapted to be inserted in the lock aperture and having bits of uniform length adapted to engage against the ends of the plungers to prevent them engaging and locking the turning cylinder of the lock, and an individual main key portion adapted to be inserted after the auxiliary portion to hold the latter in its operating position and thereafter to turn the turning cylinder of the

lock to unlocked position, said plungers being of different lengths, and both said key members having a flat contacting surface, there being a notch portion out of the outer end of the auxiliary key member such that it will weaken the key section at said point to permit it to be torn away under stress.

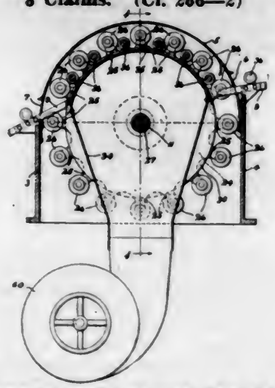
2,064,819
CONDENSER
Leslie G. Burlingame, Erlton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application March 30, 1933, Serial No. 663,433
10 Claims. (Cl. 175—41)



1. In a fixed condenser having marginal foil edges projecting from each end thereof and a central opening extending throughout its length, a pair of flexible terminal members each having an end portion thereof contacting one of said foil edges, clamping elements for said terminal members, provided, each, with an aperture in the form of a key-hole, a locking bar extending through said central opening and the aperture of each clamping element, and a key carried by the end portions of said bar for locking each of said apertured elements to its associated terminal member upon partial rotation of said locking bar whereby said terminal members are secured in abutting relation to the terminal means of said condenser.

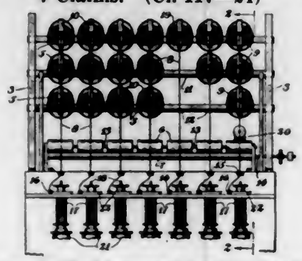
6. In an electrical device having an opening therethrough, terminal members contacting said device, a clamping rod extending through said opening and engaging said terminal members, said clamping rod having a permanent shrinkage factor whereby said terminal members are maintained under pressure contact with said device.

2,064,820
CAM HARDENING MACHINE
Donald J. Campbell, Spring Lake Township, Ottawa County, and Charles W. Dake, Grand Haven, Mich., assignors to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich., a corporation of Michigan
Application January 7, 1936, Serial No. 57,902
8 Claims. (Cl. 266—2)



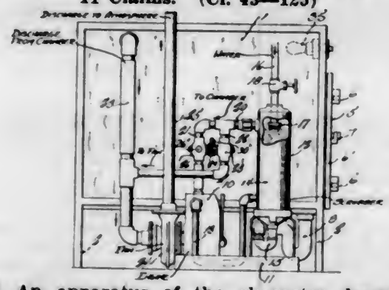
1. In a machine of the class described, means for supporting and for rotating a heated cam shaft, said rotating and supporting means bearing against the cam shaft at two spaced positions, means for bodily moving the cam shaft from one position to another, and a bonnet having a perforated top positioned immediately under the path of bodily movement of the cam shaft, said bonnet being adapted to receive a cooling medium which is forced through the perforated top thereof against said cam shaft and means for forcing said cooling medium into and through the bonnet.

2,064,821
ART OF SPINNING
Phillip D. Cannon, Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y., a corporation of New York
Application March 3, 1933, Serial No. 659,465
7 Claims. (Cl. 117—24)



1. The method of spinning asbestos fibers which comprises forming the fibers into roving, winding the roving into a self-sustaining unit adapted to permit withdrawal of the roving therefrom, rotating the unit, unwinding and withdrawing the roving from the rotating unit, confining the resulting ballooning of the roving to the inside of a cylinder surrounding the said unit and rotated synchronously therewith, and leading the strand in a course that is free and that permits spinning from a point immediately adjacent to the said unit to a point at which rotation of the strand is prevented.

2,064,822
EXECUTION DEVICE
Robert Cramer and August C. Orthmann, Milwaukee, Wis.
Application April 5, 1934, Serial No. 719,141
11 Claims. (Cl. 43—125)



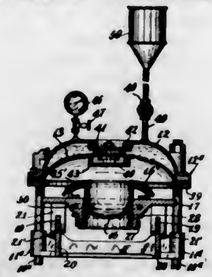
1. An apparatus of the character described comprising an hermetically sealed chamber, an internal combustion engine, a blower driven by said engine, means connecting the suction side of said blower with said chamber, a gas scrubber, a connection between the exhaust of the gasoline engine and said gas scrubber, and a pipe line connected to the discharge of the scrubber and having branches, one connected to the interior of the chamber and the other connected to the suction side of said blower, and valves in said branches.

2,064,823
UPHOLSTERY MOLDING
Edgar R. Creamer, Detroit, Mich.
Application June 15, 1935, Serial No. 26,843
3 Claims. (Cl. 155—184)



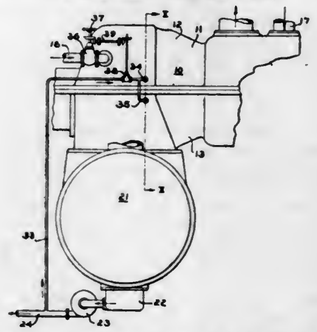
1. An upholstery molding comprising a fabric strip provided with an adhesive coated face, a half round core member having a flat face, a wire insert comprising a zigzag wire strip providing off-set loop portions spaced equi-distantly longitudinally of the strip and upright loop portions spaced equi-distantly longitudinally of the strip and alternating with the off-set loop portions, the bend between the off-set and upright loop portions extending longitudinally of the strip and the off-set loop portions being positioned on the flat face of the half round core member with the longitudinal bend in the wire strip spaced from one edge of the half round core member, the fabric strip covering the core member and wire strip to hold the same in assembled relation, the upright loop portions and fabric providing a tacking strip, the arrangement allowing the off-set loop portions to be bent toward the upright loop portions and the longitudinal bend in the wire strip predetermining the line on which the off-set loop portions may be bent.

2,064,824
HAT FLANGING MACHINE
George W. Cuming, New York, N. Y., assignor to M. A. Cuming & Co. Inc., New York, N. Y.
Application June 6, 1935, Serial No. 25,205
4 Claims. (Cl. 223—14)



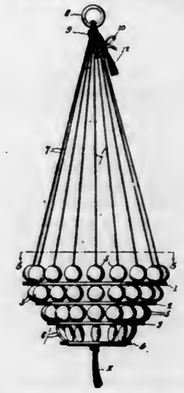
1. A hat flanging machine for men's hats comprising a frame, a carriage slidably mounted on said frame, a bottom block mounted on said carriage, a hollow head mounted on said frame, a diaphragm mounted on said hollow head and dividing off a compartment for hydraulic substance, means for raising said carriage so that the bottom block engages against said diaphragm, the central portion of said diaphragm being supported upon the central portion of the hollow head, the hollow head having its central portion depressed, a pair of plates being disposed on opposite sides of the central portion of the diaphragm, a bolt for connecting the plates with said depressed portion and means engaging the crown of the hat for aligning said hat mounted on one of said plates.

2,064,825
TURBINE
Warren B. Flanders, Philadelphia, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application September 27, 1935, Serial No. 42,371
10 Claims. (Cl. 60—95)



1. The combination with a marine turbine having ahead and astern sections and a surface condenser to which the sections exhaust, of means for supplying steam to the sections and means for bringing condensate delivered from the surface condenser into heat transfer relation with respect to steam passing through the astern section to limit the temperature of steam exhausted therefrom.

2,064,826
ARTICLE OF DECORATION
Arthur R. Gabriel, New Rochelle, N. Y., assignor to Saml. Gabriel Sons & Company, New York, N. Y., a corporation of New York
Application January 8, 1936, Serial No. 58,030
9 Claims. (Cl. 41—10)



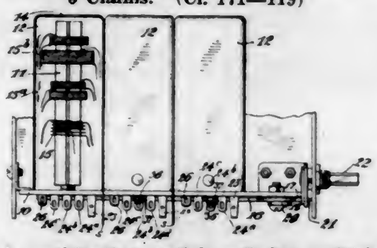
9. An ornamental basket, comprising a bottom disc, a plurality of flat rings above the disc, spacers disposed between the disc and the adjacent ring and between succeeding rings, flexible strands threaded through the disc, the spacers and the rings and having their lower ends knotted together to hold the same from pulling through the elements and providing an ornamental tassel at the bottom of the basket, and a suspension ring secured to the upper ends of the strands to support the same in suspended position and hold the basket to shape.

2,064,827
AUTOMATIC SAFETY SWITCH
William Mackie Gardner, Drumheller, Alberta, Canada
Application March 5, 1935, Serial No. 9,482
3 Claims. (Cl. 200—52)



1. In a safety switch as described comprising an insulating casing having a convex mound in its inner bottom and a centrally disposed recess therein, electrical contact elements in said recess, a weight positioned in said casing, said weight having its sides tapering centrally toward the top and having a concave bottom to register with the said convex mound of the casing, a plug of conductable metal depending centrally from the concave bottom of the said weight adapted to enter said recess to contact both electrical contact elements and complete the circuit therebetween when the device is level, and means whereby the said weight may be tipped upward manually and thereby break the circuit at will.

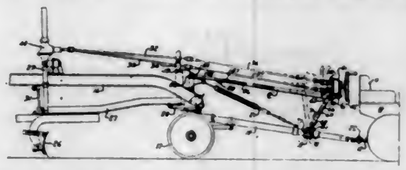
2,064,828
MULTIBAND RADIO APPARATUS
Alexis C. Grohsgal, Englewood, N. J., assignor of one-half to Joseph J. Steinharter, New York, N. Y., and one-half to himself
Application December 31, 1934, Serial No. 759,893
6 Claims. (Cl. 171—119)



1. A combination switch coil for multi-band radio apparatus, comprising a base plate, coil supports secured to the base plate, coils on said coil supports, switch connections directly connected with the coils, a shunting contact on the base plate, a slider, a knife contact on the slider, a shunting bar on the slider, devices connecting said contacts and bar, and means for moving the slider to connect the knife contact with one of said devices and the shunting bar with the other devices, whereby the different wave bands go through into or out of circuit.

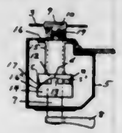
2,064,829
ROAD MACHINE
Carl A. Gustafson, Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif., a corporation of California
Application December 21, 1933, Serial No. 703,377
21 Claims. (Cl. 37—156)

1. In a road machine, a draft pole for connecting the machine to a draft vehicle, earth-working means adjustably mounted on said machine, adjusting means for said earth-working means including a gear box, and means for mounting said gear box on said pole, including a telescopic support pivotally connected to said pole and to said



gear box, and a telescopic connection pivotally connected to said gear box and to said machine.

2,064,830
WINDOW FASTENER STRUCTURE
Francis G. Hanson, Los Angeles, Calif.
Application July 28, 1934, Serial No. 737,422
2 Claims. (Cl. 292—60)



1. A latching construction for sliding sashes comprising a slidable and rotatable bolt mounted on a lower sash to cooperate with a keeper disposed on the upper sash, said keeper having an enlarged opening communicating with an elongated slot extending in the direction of movement of the lower sash, spring means normally urging said bolt toward said keeper, an enlarged head on said bolt adapted for partial passage through said keeper opening, said head having a reduced portion adapted to be presented to said keeper to engage the edges thereof which define said slot, whereby said lower sash may have limited movement relative to said keeper, and means for imparting predetermined movement to said bolt including cooperating elements which, upon selective rotation of said bolt, will reciprocate said bolt to cause it to coact with said keeper in non-sliding relation to retain the sash secured against sliding movement, to interconnect said bolt and said keeper to provide for limited relative movement of said lower sash and said keeper, or to be disposed free of said keeper to allow unrestricted movement of said lower sash and said keeper.

2,064,831
SHIELD CONDUCTOR
Ray Hawksley, Hastings-on-Hudson, N. Y., assignor to Anaconda Wire & Cable Company, New York, N. Y., a corporation of Delaware
Application December 7, 1934, Serial No. 756,387
10 Claims. (Cl. 173—81)



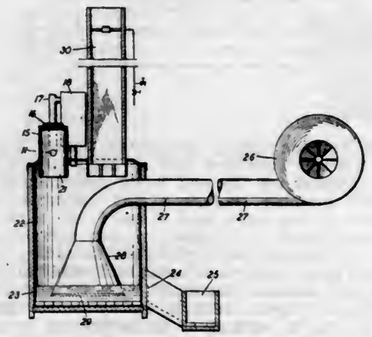
2. In combination with a conductor for transmitting current of radio frequency, a shield therefor comprising a multiplicity of circularly spaced wires surrounding the conductor and means supported by the wires for positioning the conductor substantially in the center of the circle defined by said spaced wires and anchorage fitting to which the wires are secured.

2,064,832
TIMING DEVICE
Adrian J. Hollander, Cincinnati, Ohio, assignor to The American Laundry Machinery Company, Cincinnati, Ohio, a corporation of Ohio
Application April 5, 1933, Serial No. 664,598
4 Claims. (Cl. 161—1)



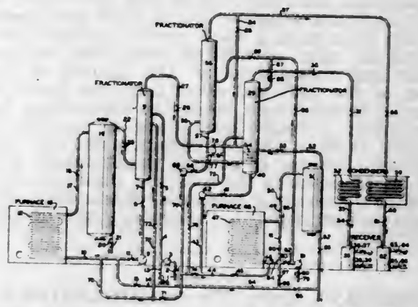
1. In a timing device, a dashpot having a part movable in setting and timing directions, and means providing for free adjustment of said movable part at the will of the operator and comprising an operator-controlled control member, means connecting said movable part to said control member and permitting some motion therebetween, fluid pressure relief means for said dashpot including a yieldably seated valve arranged to automatically open during setting motion of said movable part, and means effective between said connecting means and said valve to unseat the latter when said connecting means is operated in the direction to adjust said movable dashpot part in timing direction.

2,064,833
COOLING OF LIQUIDS
Henry Howard, Newport, R. I., assignor to The Dorr Company, Inc., New York, N. Y., a corporation of Delaware
Application March 10, 1933, Serial No. 660,257
In Canada March 30, 1932
6 Claims. (Cl. 23—165)



1. A method for cooling a slurry in a continuous manner, which method comprises causing contact of a low pressure air current with the slurry by introducing the air slightly below the surface and causing it to bubble through the top portion only of the slurry thereby producing rapid evaporation of some of the water present and resulting in rapid cooling of the slurry.

2,064,834
CONVERSION OF HYDROCARBON OILS
Lyman C. Huff, Chicago, Ill., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application January 2, 1931, Serial No. 506,136
Renewed March 4, 1936
4 Claims. (Cl. 196—48)

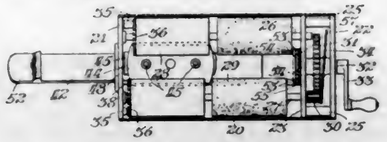


1. A conversion process which comprises subjecting hydrocarbon oil to cracking conditions of temperature and pressure in a primary zone, simultaneously cracking a lighter oil at higher temperature in a secondary cracking zone, subjecting the vapors evolved in said zones to independent primary fractionation in separate fractionating zones and supplying reflux condensate thus formed in said separate fractionating zones to said primary zone, then combining the separately fractionated vapors and subjecting the same to common secondary fractionation, supplying resultant secondary reflux condensate to said secondary cracking zone, and finally condensing the vapors uncondensed by said common secondary fractionation.

2,064,835
PROCESS FOR THE SEPARATION OF CADMIUM FROM ITS ORES
Reed W. Hyde, Summit, N. J.
No Drawing. Application August 8, 1935, Serial No. 35,343
1 Claim. (Cl. 75—1)

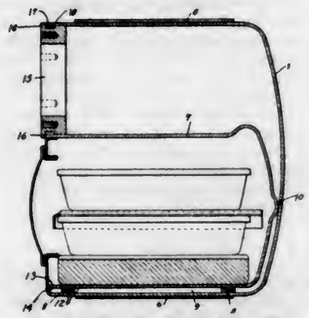
A method of separating cadmium from mineral matter containing cadmium and zinc which comprises mixing with said mineral matter alkali or alkaline earth fluorides in amount exceeding the chemical equivalent of the cadmium content, sintering the mixture at high temperatures whereby the cadmium is converted to fluoride and the fluoride is volatilized, removing said volatilized cadmium fluoride with the waste gases, cooling said gases whereby the cadmium fluoride is condensed and recovering the said cadmium fluoride as fume, treating said fume with sulphuric acid whereby the cadmium fluoride is converted to sulphate and the fluoride is liberated as hydrogen fluoride, removing said hydrogen fluoride and treating it with lime, thereby regenerating calcium fluoride, and using said regenerated calcium fluoride to treat additional mineral matter.

2,064,836
RAZOR BLADE SHARPENER
Edward A. Johnston, Chicago, Ill.
Application December 8, 1934, Serial No. 756,562
2 Claims. (Cl. 51—41)



1. A sharpener for double edge blades comprising spaced, oppositely disposed, pairs of sharpening rolls, the rolls of each pair being in contact on a line parallel to and in the same plane as the other pair, a blade carrier positioned between the pairs of rolls adjacent their contact plane and rockable on an axis parallel to the axes of the rolls and offset from the plane of contact therebetween, means on said carrier for supporting a double edge blade in position to engage its edges with the respective pairs of rolls adjacent the line of contact therebetween, and means for rotating the rolls and simultaneously rocking the carrier to bring the opposite edges of a blade carried thereby to the opposite pairs of rolls alternately.

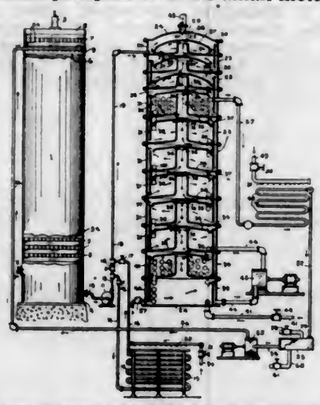
2,064,837
FREEZING UNIT FOR REFRIGERATORS
Gordon F. Keyes, Salem, Ohio, assignor to Mullins Manufacturing Corporation, Salem, Ohio, a corporation of New York
Application December 24, 1930, Serial No. 504,569
10 Claims. (Cl. 62—126)



1. A freezing unit consisting of an outer oval-shaped shell, and an inner cylindrical shell mounted in one end of said outer shell to provide a relatively thin refrigerant chamber therebetween, said two shells being sealed together along their open front edges to form a unitary structure, and a cover ring mounted over the remainder of said outer shell opening and adapted to receive and carry the float valve assembly.

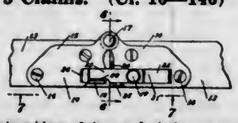
2,064,838
PROCESS FOR THE RECOVERY OF ACID GASES
Walter R. Knapp, Pelham, N. Y., assignor, by mesne assignments, to Horvitz Patent Holding Corporation, New York, N. Y., a corporation of New York
Application February 28, 1934, Serial No. 713,311
10 Claims. (Cl. 23—2)

1. A process for the removal of acid gases from industrial waste gas containing same by means of a mixed salt of the class consisting of tri-basic diammonium phosphates of the alkali metals and



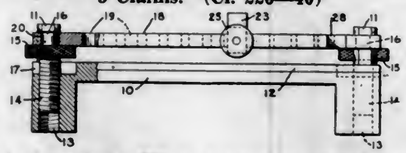
alkaline earth metals and the subsequent recovery of the acid gas by regeneration of the mixed salt.

2,064,839
COMBINATION HINGE AND LATCH
Nathan J. Kroll and Samuel Kroll, Chicago, Ill.
Application December 30, 1935, Serial No. 56,671
5 Claims. (Cl. 16—146)



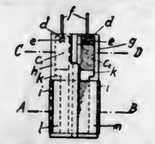
3. A combination hinge latch comprising first and second hinge plates, means hingedly connecting said plates, a latch keeper extended from said first plate, a pair of spaced lugs extended from said second plate, a headed pivot pin extended from said second plate, and a latch member mounted on said pivot pin for rocking movement in a direction normal to the said plates and being positioned between the said lugs.

2,064,840
CAPSULE FILLING APPARATUS
Jacob Leon Lascoff, New York, N. Y.
Application May 11, 1936, Serial No. 78,956
5 Claims. (Cl. 226—40)



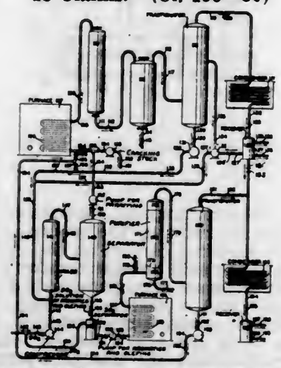
1. A capsule filling apparatus comprising a base, a screw threaded bolt at each end of the base adapted for up and down movements, an annular member having a flat upper surface fastened to the upper end of each bolt, a pin on the upper surface of said annular members, a plate having a plurality of capsule receiving holes and end holes, said plate being removably mounted on the annular members with its end holes receiving the pins, each of said annular members having a portion of its periphery extending beyond the ends of the base for convenience in turning the same and a sliding bar on the plate for indexing the capsule holes and levelling off the powder in the capsules.

2,064,841
COUPLING ELEMENT
Gerhard Liebmann, Berlin, Germany
Application August 4, 1932, Serial No. 627,443
In Germany August 6, 1931
3 Claims. (Cl. 250—16)



1. A coupling element comprising one thin insulating plate, two metallic coatings arranged on the opposite sides of one part of said plate, two highly resistive coatings arranged on the other part of said plate, a further thin plate of insulating material the surface of which is at least equal to the surface of said resistive coatings, means to press the further said plate against the first said plate to cover said resistance-coatings in air-tight fashion, and means to connect each of said metallic coatings with one of said resistance-coatings.

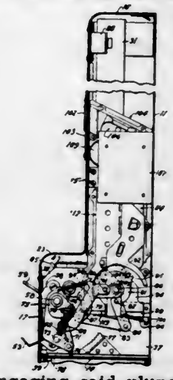
2,064,842
TREATMENT OF HYDROCARBON OIL
Charles D. Lowry, Jr., and Felix J. Skowronski, Chicago, Ill., assignors, by mesne assignments, to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application February 29, 1932, Serial No. 595,708
13 Claims. (Cl. 196—50)



10. A process for producing anti-knock motor fuel which comprises cracking a paraffinic oil formed as hereinafter set forth, separating the resultant cracked gasoline into a low boiling fraction and a high boiling fraction, treating the latter with liquid-SO_2 or like solvent, separating the resultant raffinate and extract and removing solvent therefrom, supplying the raffinate to the cracking step as said paraffinic oil, and blending said low boiling fraction with gasoline boiling portions of said extract.

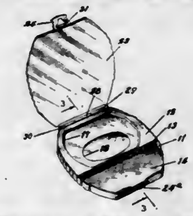
2,064,843
SELECTIVE VENDING MACHINE
Bert E. Mills, Chicago, Ill., assignor to Mills Novelty Co., Chicago, Ill., a corporation of Illinois
Application October 29, 1934, Serial No. 750,490
7 Claims. (Cl. 194—88)

1. A selective vending machine comprising a holder having a series of merchandise storage compartments positioned in alignment across the holder and adapted to support the articles to be dispensed in column form, ejecting devices comprising reciprocatory plungers individualized to said compartments for separating the lowermost articles from the columns, means for actuating a selected one of said plungers upon each operation of the machine, said means including a pair of shafts extending in parallel relation to the holder, means carried on one of said shafts for



operatively engaging said plungers, a manually operable lever carried by the other shaft for turning the latter, and coin-controlled means providing operative connection between said shafts, said lever and plunger operating means being interconnected and adjustable as a unit longitudinally on said shafts, whereby to enable the operator to move the plunger operating means to position for actuating any selected plunger.

2,064,844
VANITY CASE
August Mitchell, New York, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application May 23, 1935, Serial No. 22,934
7 Claims. (Cl. 132—82)

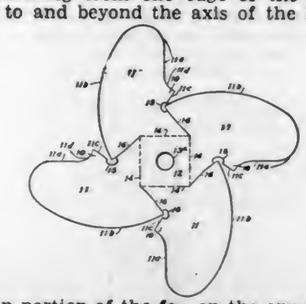


1. In a vanity case, and in combination, a housing for loose powder having an opening in the top thereof, a slide movable in the housing to cover and uncover said opening, the housing having a depression around said opening capacitated to receive a powder applicator, and a lid for the housing hingedly connected with said slide and movable away from and toward said housing with a right line movement as the slide moves.

2,064,845
PROPELLING DEVICE
Lawton R. Moray, Croton on Hudson, and Theodore E. Merwin, Harmon-on-Hudson, N. Y.
Application March 31, 1933, Serial No. 663,774
Renewed May 21, 1936
40 Claims. (Cl. 170—159)

1. In a rotary propeller fan, the combination with a boss, of a series of blades secured to the

boss extending from one edge of the boss inwardly to and beyond the axis of the fan with



the main portion of the fan on the opposite side of the axis from said edge of the boss.

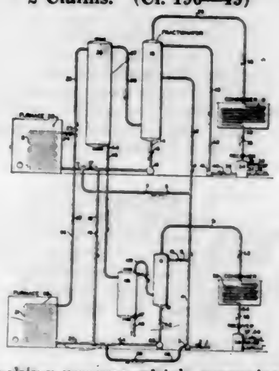
2,064,846

TREATMENT OF HYDROCARBON OILS

Jacque C. Morrell, Chicago, Ill., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Application December 5, 1931, Serial No. 579,217

2 Claims. (Cl. 196—49)



1. A cracking process which comprises heating hydrocarbon oil to cracking temperature in a heating zone and thence discharging the same into a separating zone, separately removing vapors and unvaporized oil from the separating zone, partially condensing the vapors to separate heavier fractions thereof, flash distilling the unvaporized oil by pressure reduction, independently fractionating the flashed vapors thereby forming flash reflux, combining such reflux with reflux condensate formed by said partial condensing step and subjecting the resultant mixture to independently controlled cracking conditions of temperature and pressure in a second heating zone, discharging the thus heated mixture into the separating zone, and finally condensing the fractionated flashed vapors and the vapors uncondensed by said partial condensing step.

2,064,847

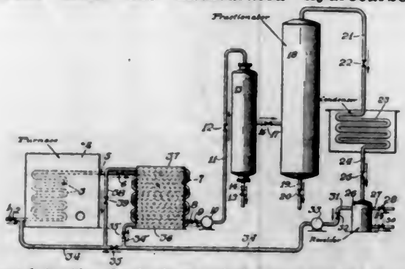
CONVERSION OF HYDROCARBONS

Jacque C. Morrell, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Application December 21, 1933, Serial No. 703,381

4 Claims. (Cl. 196—10)

1. A process for the treatment of gaseous hydrocarbons to convert the same into liquid hydrocarbons, which comprises subjecting said gaseous hydrocarbons to elevated temperatures in a first stage to form unsaturated hydrocarbons and thereafter subjecting the products of this treatment to lower temperatures and higher pressures in a second stage to produce liquid hydrocarbons from the unsaturated hydrocarbons



formed in the first stage of the process, separating the liquid hydrocarbons thus formed from residual gases, passing at least a portion of the residual gases in indirect heat exchange with the heated products in transit from the first to the second stage and then supplying the same to said first stage.

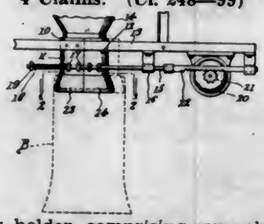
2,064,848

BAG HOLDING DEVICE

Jacob J. Neuman, South Salem, N. Y.

Application December 7, 1934, Serial No. 756,426

4 Claims. (Cl. 248—99)



3. A bag holder, comprising separable holding members for insertion in the mouth of a bag, and cushion elements carried on the outer sides and lower ends of said holding members, each of said cushion elements comprising a body part of sponge rubber and a flexible covering therefor, and said cushion elements increasing in cross sectional area from the upper to the lower ends thereof for stretching the bag at a point below the mouth edge thereof and adapted to conform to inequalities in the bag to distribute the friction contact surfaces between the cushion elements and the bag over a relatively large area.

2,064,849

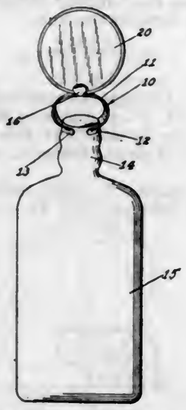
PRICE TICKET CLIP

William B. Pattillo, Chicago, Ill.

Application March 14, 1935, Serial No. 11,082

2 Claims. (Cl. 40—11)

2. A holder for displaying a price card or the like upon, and directly above, the neck of a bottle or analogous container, said holder being formed from a single piece of flat metal stock and comprising a member including bifurcated end portions providing two pairs of oppositely disposed resilient clamping jaws and an intermediate portion extending between the said pairs of clamping jaws and when in use extending across the neck of a bottle or analogous container and directly above the latter, both of said pairs of clamping jaws lying in a plane normal to the plane of the said intermediate portion and when in use clampingly engaging the neck of a bottle or analogous container on opposite sides thereof, said holder including means in the form of a pair



of clamping jaws formed integrally therewith on the said intermediate portion thereof for holding a price card or the like thereon and in a position directly above the said neck of a bottle or analogous container.

2,064,850

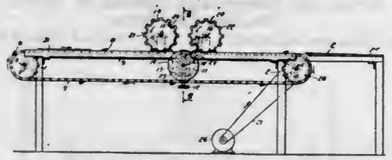
PLATE STRAIGHTENER

Frank T. Powers, Glen Cove, N. Y.

Application January 28, 1932, Serial No. 589,399

Renewed June 1, 1936

3 Claims. (Cl. 153—54)



1. A device for straightening photo-mechanical printing plates, comprising in combination three or more parallel rotatable cylindrical rollers, successive rollers being positioned on opposite sides of the path of travel of the plates, a portion of them being entirely on one side of a plane and the remainder predominantly but not entirely on the other side of the same plane, means for varying the position of a portion of said rollers, travelling means for conveying the plates between successive rollers, and means for rotating said rollers at a peripheral speed equal to the speed of the plate.

2,064,851

MEANS FOR AND METHOD OF SEPARATING SHEET MATERIAL

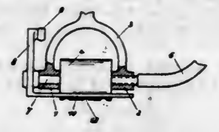
Robert Reinartz, Offenbach-on-the-Main, Germany, assignor, by mesne assignments, to Arthur Wormser, Offenbach-on-the-Main, Germany

Application November 15, 1934, Serial No. 753,212

In Germany December 6, 1933

23 Claims. (Cl. 271—28)

1. A separating device for sheet feeding machines comprising a suction nozzle mounted adjacent a stack of sheets for sucking the sheets from the stack, and a member movable parallel to the face of said nozzle and between the nozzle and the top sheet of the stack to deflect the



sheets from the nozzle to release the excess sheets from the nozzle.

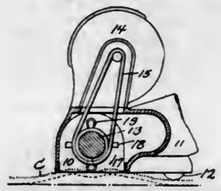
2,064,852

VACUUM CLEANER

Frederick Riebel, Jr., and Dewey M. Dow, Toledo, Ohio, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio, a corporation of Delaware

Application August 2, 1935, Serial No. 34,396

19 Claims. (Cl. 15—13)



1. A suction cleaner beater element for demountable attachment to a rotatable spindle, comprising an elongated strip of rubber, a metal backing channel embracing and secured to one edge region of the strip, parallel to the longitudinal axis thereof, and adapted to be detachably attached to said spindle, and a smooth surfaced, metallic channeled beater bar embracing and secured to the opposite edge region of the strip, parallel to its longitudinal axis, said bar and channel being separated by uncovered areas on both sides of the strip, whereby said bar may freely flex relative to said channel.

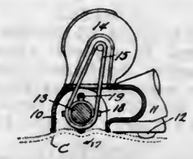
2,064,853

VACUUM CLEANER

Frederick Riebel, Jr., and Dewey M. Dow, Toledo, Ohio, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio, a corporation of Delaware

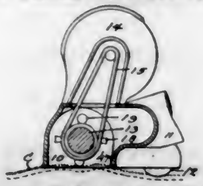
Application August 2, 1935, Serial No. 34,397

11 Claims. (Cl. 15—13)



1. In a vacuum cleaner, a motor driven rotary agitator, comprising a rotating spindle and a beater secured to the spindle and projecting radially therefrom, said beater comprising a strip of readily flexing material formed with longitudinally extending furcations, and a carpet contacting tip of wear resisting material having and capable of maintaining under operating conditions, a smooth, polished contacting surface, said tip having a tongue adhesively secured between said furcations.

2,064,854
VACUUM CLEANER
Frederick Riebel, Jr., and Dewey M. Dow, Toledo, Ohio, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio, a corporation of Delaware
Application August 2, 1935, Serial No. 34,399
15 Claims. (Cl. 15—13)



10. In a vacuum cleaner, a rotary agitator comprising a rotating spindle, a hollow rigid beater element projecting radially from the periphery of said spindle, and a body of readily flexing resilient material attaching the beater to the spindle, said body being secured at one extremity in said beater and attached at an opposite extremity to the spindle, said body including an intermediate flexing region which is unattached and spaced from the adjacent walls of the beater.

2,064,855
VACUUM CLEANER
Frederick Riebel, Jr., and Dewey M. Dow, Toledo, Ohio, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio, a corporation of Delaware
Application August 2, 1935, Serial No. 34,400
8 Claims. (Cl. 15—13)



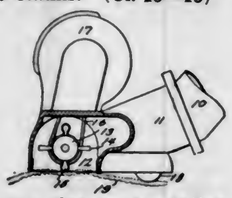
1. In a vacuum cleaner, a rotary agitator including a spindle having a hollow region forming a peripheral aperture and a beater comprising a body of readily flexing resilient material attached at one extremity to the spindle at a point well within said spindle, and projecting freely through said aperture so that its intermediate region is spaced from that side of the aperture toward which it is deflected during carpet contact, said beater being adapted to recede circumferentially during carpet contact.

2,064,856
VACUUM CLEANER
Frederick Riebel, Jr., Toledo, Ohio, assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio, a corporation of Delaware
Application May 25, 1935, Serial No. 23,385
18 Claims. (Cl. 15—13)



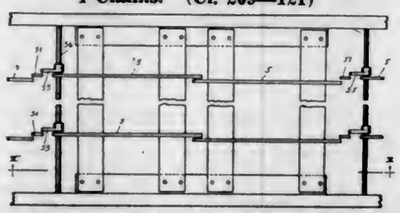
1. In a suction cleaner, a rotary agitator comprising a rotatable hub, a beater element, inherently flexible and hingedly attached to said hub, said element including a hard smooth surfaced carpet engaging portion and means to yieldingly resist such hinging movement, whereby the carpet engaging portion of said element is allowed to yield, upon contact with a carpet, by the combined yielding of said element at the hinge, and flexing of said element beyond the hinge, said beater elements projecting sufficiently beyond the periphery of the hub so that said carpet contacting tips can not, during swinging movement of said beaters, contact the hub.

2,064,857
VACUUM CLEANER
Frederick Riebel, Jr., and Dewey M. Dow, Toledo, Ohio, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio, a corporation of Delaware
Application August 2, 1935, Serial No. 34,398
10 Claims. (Cl. 15—13)



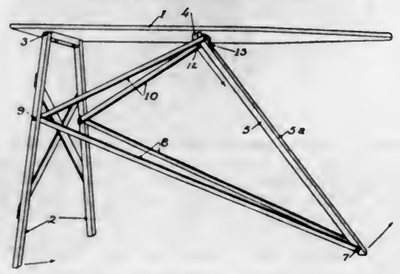
1. In a vacuum cleaner, a rotating spindle, a rigid beater hinged thereto on an axis parallel to the axis of rotation and projecting radially from the hinge a distance not substantially less than the radius of the spindle, so as to be capable of receding under carpet contact with a recession that is predominantly circumferential, and resilient means for urging said beater toward a radial position and for resisting such recession.

2,064,858
SORTING APPARATUS
Ernest W. Rieger and Clinton H. Hunt, Steubenville, Ohio
Application January 16, 1935, Serial No. 2,008
4 Claims. (Cl. 209—121)



1. In apparatus for sorting rigid sheets by weight, the combination of a horizontally extending skid-way consisting of a plurality of parallel rails, the continuity of each rail being interrupted by a gap and the gaps in the associated rails being aligned transversely, whereby a continuous gap is formed throughout the width of the skid-way, means for advancing a succession of sheets that rest edgewise upon them one by one longitudinally along said rails and toward the so constituted gap, each rail including a section movable between a position bridging the gap and a position of withdrawal from the gap in the direction of the longitudinal extent of the rail, each rail additionally including a downwardly movable section, such downwardly movable sections of the associated rails being arranged in alignment transversely of the skid-way adjacent to and on the side of approach of the sheets to the gap, the said downwardly movable sections being responsive in downward movement in unison to the weight of a sheet in excess of a predetermined critical value resting upon them, and means responsive to such downward movement of the rail sections last named for shifting the first-named rail sections simultaneously from their positions of gap-bridging to withdrawn and gap-opening positions.

2,064,859
FOLDING TABLE
Charles W. Sadenwater, Saginaw, Mich., assignor to Saginaw Manufacturing Co., Saginaw, Mich., a corporation of Michigan
Application July 5, 1935, Serial No. 29,849
3 Claims. (Cl. 38—117)



1. A folding table including a board, rear legs hinged thereto, diagonal braces hinged to said rear legs and convergent toward their free ends, a bracket secured to said board, and a front leg hinged to said bracket, having in combination, a bar fixed to the upper faces of said diagonal braces adjacent their free ends and holding the braces in spaced relation, said bracket presenting slots alined with the front face of said leg and adapted to receive said bar, and a second bar parallel with said first mentioned bar and spaced therefrom, said second bar being secured to the lower faces of said braces, said front leg being slidingly received in the space defined by said braces and bars.

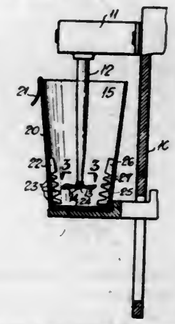
2,064,860
BRUSH
Ioji Sekine, Freeport, N. Y.
Application March 6, 1935, Serial No. 9,549
1 Claim. (Cl. 15—167)



As a new article of manufacture, a brush head of the type having a relatively large opening in the central portion thereof with bristles at the sides and ends, characterized in that drain grooves are provided in the edges of the opening, and positioned between the tufts of bristles for draining water from points around the base of the bristles, facilitating drying.

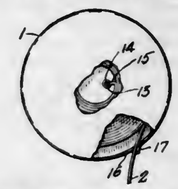
2,064,861
DRINK MIXING APPARATUS
William A. Stroud, Wilkesboro, N. C., assignor, by direct and mesne assignments, of one-half to Gilliam-Stroud, Inc., North Wilkesboro, N. C., and one-half to I. D. Blumenthal, Charlotte, N. C.
Application July 3, 1933, Serial No. 678,798
1 Claim. (Cl. 259—108)

Agitating means for a drink mixer having a container and an agitator disposed within the container, an approximately U-shaped member having one leg longer than the other, the longer leg projecting above the upper edge of the container when in operable position in the container and having a reversely bent resilient clamping portion for engaging the outer surface of the



container when the member is moved downwardly into operable position to clamp the member in operable position, the lower portion of the said leg portions having serrations disposed on the edges of the portions nearest the agitator for cooperating with the agitator in a mixing operation.

2,064,862
SPRING KEY HOLDER
Nickolaus Szabó, Bronx, N. Y.
Application May 7, 1934, Serial No. 724,312
1 Claim. (Cl. 242—107)

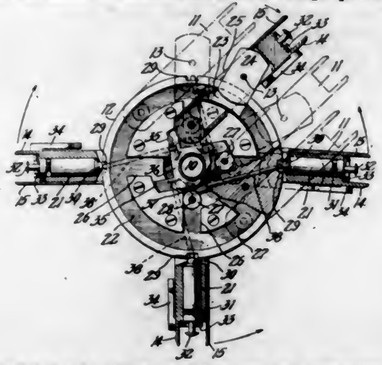


As an article of manufacture, a relatively thin cylindrical casing consisting only of two discs forming side plates connected at their edges with a band, and having a post at the center and a slot in said band, a spiral spring positioned in said casing with the inner end attached to said post and with the outer end extending through the slot in said band, one end of said post extending through one of the sides of said casing, and a U-shaped spring clip having holding means in the open ends thereof pivotally mounted on the end of said post extending through the side of said casing and positioned across said casing with the ends substantially within the diametrical limits thereof, and said spring having a ring in the outer end thereof.

2,064,863
REVOLVING DOOR
Charles Szelle, Astoria, N. Y., assignor to Atlas Revolving Door Corporation, New York, N. Y., a corporation of New York
Application October 2, 1935, Serial No. 43,173
6 Claims. (Cl. 20—18)

1. A revolving door as characterized comprising a central shaft having disk-like plates projecting radially and normally therefrom, each said plate having an annular track therein and radial grooves from said track toward the shaft,

shoes slidable in said track, and wings pivotally



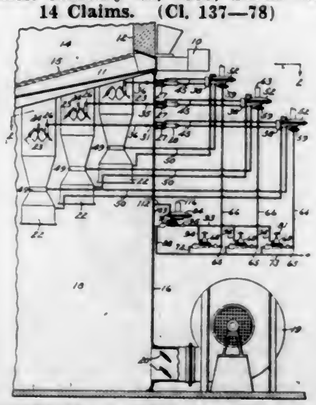
carried by said shoes and having an engagement each in one of said grooves.

2,064,864

FLUID CONTROLLING AND DISTRIBUTING APPARATUS

Paul C. Temple, Decatur, Ill., assignor to A. W. Cash Company, Decatur, Ill., a corporation of Delaware

Application January 22, 1935, Serial No. 2,945
14 Claims. (Cl. 137—78)



1. In combination with a plurality of ducts for the flow of fluid and arranged in groups, a flow controlling device for each duct, a motor to actuate each device, pilot means to control each motor, means associated with each duct to provide a fluid pressure differential which is a function of the rate of flow in the duct, a pressure responsive member subjected to the pressure differential and operatively connected to the corresponding pilot means, a pressure responsive device operatively connected to each member, means to supply fluid under pressure to each of the pressure responsive devices, and independently adjustable means for controlling the pressure of the fluid supplied to the pressure responsive devices corresponding to each group of ducts.

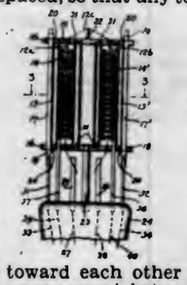
2,064,865

ELECTRONIC VACUUM TUBE

Adolph A. Thomas, New York, N. Y., assignor to Radio Corporation of America, New York, N. Y., a corporation of Delaware

Application December 31, 1929, Serial No. 417,617
31 Claims. (Cl. 250—27.5)

1. An electronic vacuum tube having a cylindrical anode, a cylindrical grid within said anode, a support comprising a pair of spaced insulating plates having circular recesses for receiving the opposite ends of said anode and grid to hold the same in concentric relation, whereby the ends of said anode and grid abut against said plates and hold the latter spaced, so that any tendency of the



plates to move toward each other increases the pressure of the engagement between said plates and said electrodes, a filament mounted substantially in the axis of said concentric electrodes, and a plurality of stiff rods connecting said plates independently of said cylindrical electrodes and rigidly holding said plates against separation.

2,064,866

LACQUERING PROCESSES

Watson H. Woodford, Bridgeport, Conn., assignor to Remington Arms Company, Inc., a corporation of Delaware

No Drawing. Application May 23, 1934, Serial No. 727,152
8 Claims. (Cl. 91—68)

1. The method of finishing paraffin impregnated shot shell bodies which comprises dipping in toluene, withdrawing from the toluene, dipping while still moist in alcohol, drying, and applying a lacquer.

2,064,867

PROCESS OF PRODUCING HYDROGEN

John C. Woodhouse, Wilmington, Del., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application August 15, 1930, Serial No. 475,615. Renewed December 23, 1933
6 Claims. (Cl. 23—212)

1. In a process of producing hydrogen by reaction of a gaseous mixture of hydrocarbon and steam in the presence of an iron group metal catalyst, the step of subjecting the catalyst preliminarily to reduction by a gaseous mixture containing hydrogen and an appreciable quantity of carbon monoxide obtained by catalytic decomposition of methanol.

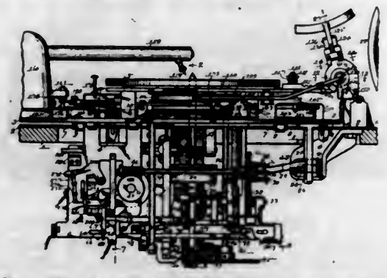
2,064,868

GRAPHOPHONE OR SOUND-REPRODUCING INSTRUMENT

Harry A. Yeider, Grand Rapids, Mich., assignor to Automatic Musical Instrument Company, Grand Rapids, Mich., a corporation of Delaware

Application September 18, 1930, Serial No. 482,662
18 Claims. (Cl. 274—10)

15. An automatic phonograph comprising, in combination, a record magazine, a rotatable turntable, a mechanism for transferring a record disc from the magazine to the table and vice versa said mechanism and magazine being mounted for interrelative movement, a mechanism for effecting said interrelative movement comprising a rotatable pinion and a cooperating endless rack of oblong form elongated in the direction of said interrelative movement, said rack being associated with the magazine in said interrelative movement, a rotatable, swinging shaft carrying the pinion at the free end thereof, means for



guiding the shaft for swinging movement in a plane only at right angles to the direction of said interrelative movement, means for conditioning the disc transfer mechanism for placing a disc upon the table with a certain side up, said means being responsive to a certain direction of swinging movement of the pinion shaft, and a reproducer for playing the disc.

2,064,869

STOP MOTION

William A. Zieve, North Bergen, N. J.

Application June 12, 1935, Serial No. 26,195
10 Claims. (Cl. 66—163)



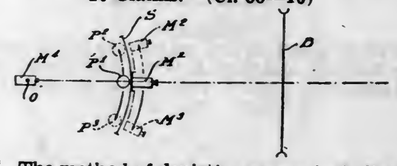
1. In a stop-motion under the control of a traveling flexible element, a flexible-element retaining unit mounted for translatory movement under the influence of abnormal tension conditions in said flexible element and with relation to which said flexible element is adapted to travel and by which such element is normally held in a definite path of movement, constant-force-exercising means tending to maintain said unit in a position corresponding to said definite path of movement and adapted to offer uniform resistance to translatory movement of said unit throughout its extent of travel as effected in response to abnormal tension-conditions in said flexible element, and throw-out-actuating-mechanism-control-means adapted to cooperate with and to be normally maintained in an ineffective position by said flexible element while that element is held in said definite path of movement and adapted to move to an effective position incident to translatory movement of said unit in response to abnormal tension-conditions in said flexible element.

2,064,870

METHOD OF PICTORIAL REPRESENTATION

Adelbert Ames, Jr., Hanover, N. H.

Application February 26, 1934, Serial No. 712,883
10 Claims. (Cl. 88—16)



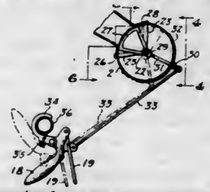
1. The method of depicting scenes including an object constituting a center of interest for the observer, accompanied by environmental objects, which comprises making a photographic record of said environmental objects from the approximate position of said center of interest, making another record of said center of interest with said environmental objects from the approximate position of said observer, with the relative size of environment and center of interest approximately the same in both records, and combining both records to form a composite record comprising the first record without the area covered in the second record by the center of interest, and the center of interest portion of the second record.

2,064,871

AIR SUCTION CONTROL MEANS

Bruno Angradi, Cleveland, Ohio

Application February 8, 1936, Serial No. 62,963
2 Claims. (Cl. 251—18)



1. An air control means, comprising a substantially cylindrical and partly exacuated pipe having an intake aperture, a closure plate curved to a radius substantially conforming to that of said pipe and making sliding engagement with said pipe for closing said pipe intake aperture, a shaft disposed substantially centrally of and extending longitudinally of said pipe, a plate support interposed between said closure plate and said shaft and having separate portions rigidly secured to said closure plate and said shaft, a rod having a portion removably secured to said shaft, and shaft operating means accessible from outwardly of said pipe and applied to a portion of said rod.

2,064,872

PROCESS OF TREATING FISH

Charles S. Ash and Per Berglund, San Francisco, Calif., assignors to California Packing Corporation, San Francisco, Calif., a corporation of New York

No Drawing. Application July 30, 1935, Serial No. 33,844
13 Claims. (Cl. 99—188)

1. In a method of treating fish for canning purposes, the steps of cleaning the fish, contact-

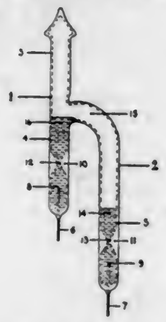
ing the fish with a salt brine, and then soaking the fish in a hardening bath containing from about 1% to 5% of a calcium salt from the group consisting of calcium chloride, calcium acetate, calcium citrate and calcium tartrate, for a period of from 1 to 6 hours, whereby the skins of the fish are rendered firm and adherence of skins of adjoined packed fish is substantially prevented, packing the fish in cans, and cooking the treated fish in such cans.

2,064,873

DEVICE EMPLOYING FLUID ELECTRODES

Isay Balinkin and Dare A. Wells, Cincinnati, Ohio

Application April 7, 1932, Serial No. 603,833
1 Claim. (Cl. 176—42)



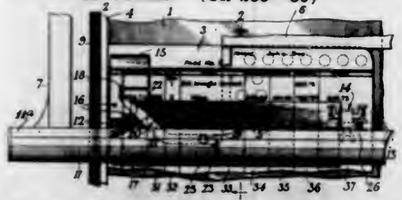
In a mercury vapor arc lamp, an envelope comprising a longer and a shorter leg, each having a terminal connection at one end, the other end of the longer leg joining the other end of the shorter leg by a portion regularly curved on a substantially uniform radius of ample length, said envelope also comprising a condensing portion extending from said other end of said shorter leg in substantial axial alinement with said shorter leg, from the place of junction of the longer leg with the shorter leg, said longer leg and said shorter leg and said condensing portion all being of substantially the same diameter, except that said condensing portion at its free end is enlarged, said shorter leg comprising, for a distance substantially half of its length between its terminal connection and the junction of the longer leg, a chamber in which mercury is to be trapped adjacent to the terminal connection, and said longer leg having a chamber of length substantially equal to the chamber in the shorter leg to trap mercury around the terminal connection of said longer leg, said envelope containing a quantity of mercury sufficient to fill said chambers, to fill the remainder of the shorter leg from its chamber to the junction of the longer leg with the shorter leg, and to fill the chamber of the longer leg and to occupy said longer leg exteriorly of the chamber thereof to a length substantially equal to that of extent from the chamber of the shorter leg to said junction, and the two legs and said condensing portion of said envelope having their axes in substantially a single plane, said chambers for trapping the mercury around the terminal each being defined by modification of the walls of the respective leg of the envelope which forms a passage between the chamber and the remainder of the leg which is so constricted that when the lamp is inverted or tilted to any degree, a substantial proportion of the mercury is trapped during the inversion or tilting within the chamber around the respective terminal.

2,064,874

COLUMN BLINDING MECHANISM

Fred Becker, Queens Village, N. Y., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware

Application May 12, 1933, Serial No. 670,652
11 Claims. (Cl. 235—59)



1. In a machine of the class described, the combination with a relatively movable work-supporting platen, and key mechanism, to enable the printing of numbers in different columnar zones on the work, of shiftable work-blinding mechanism normally effective to cover the instant writing line of one of said zones and only movable to ineffective, uncovering position by relative movement of the platen and key mechanism to begin the printing in said zone.

2,064,875

AIR DRYING COMPOSITION OF THE ALKYD RESIN TYPE

Howard L. Bender, Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y., a corporation of Delaware

No Drawing. Application July 11, 1933, Serial No. 679,991
4 Claims. (Cl. 134—26)

3. Process of preparing a coating composition which comprises reacting a polyhydric alcohol with a polybasic acid to the point where a sample solidifies when cold, and refluxing the reaction product in the presence of a solvent until it shows a viscosity of at least 500 centipoises when adjusted to a solid content of 50 percent, thereby producing a composition which deposits a non-tacky film upon evaporation of solvent.

2,064,876

AIR DRYING COMPOSITION OF THE UREA RESIN TYPE

Howard L. Bender, Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y., a corporation of Delaware

No Drawing. Application July 11, 1933, Serial No. 679,992
4 Claims. (Cl. 134—26)

1. Process of preparing a coating composition drying in air which comprises reacting an amido compound with an aldehyde in the presence of a solvent substantially to the gel point, arresting the reaction by dilution with solvent to form a solution having about 50 per cent solid content, and refluxing the solution until it shows a viscosity of 500 centipoises or more.

2,064,877

CHASSIS LUBRICATION

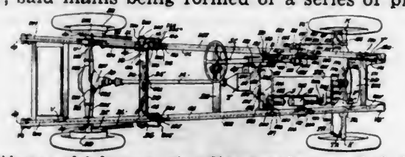
Joseph Bijur, deceased, late of New York, N. Y., by George Bijur, executor, New York, N. Y., assignor to Auto Research Corporation, a corporation of Delaware

Original application February 28, 1924, Serial No. 695,746, Patent No. 1,845,827, February 16, 1932. Divided and this application January 27, 1932, Serial No. 589,287. In Great Britain April 30, 1924

11 Claims. (Cl. 184—7)

1. In combination with a mechanism having

structural members, a central lubricating installation comprising a distributing piping system having piping mains along each structural member, said mains being formed of a series of pipe



sections which are simultaneously coupled together and supported upon said side members by junction fittings, said fittings being provided with suitable openings in integral portions thereof enabling bolting to the side members.

2,064,878

SAFETY RAZOR

Don A. Birrell, Salt Lake City, Utah

Application October 6, 1932, Serial No. 636,543
3 Claims. (Cl. 30—73)



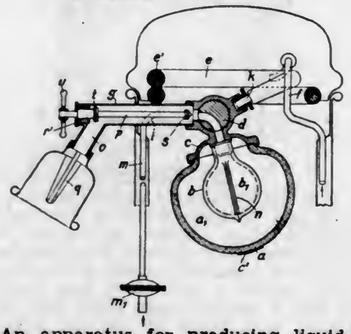
3. In a razor of the class described, the combination of a head, and guard with the head formed with the outer face engaging portions curved and the edge of the head and guard on the same plane; a double edged blade for said head and guard having the outer edge of each cutting edge sharpened in a bevel which when placed in the head and guard will be parallel to the surface being shaved and having the inner edge away from the face on each side sharpened in a longitudinal arc with the beveled edge tangential to the arc substantially as described.

2,064,879

APPARATUS FOR CARBONATING AND DISPENSING LIQUID

Wilhelm Bösmann, Berlin, Germany

Application November 27, 1933, Serial No. 700,013
In Germany April 27, 1933
8 Claims. (Cl. 225—21)



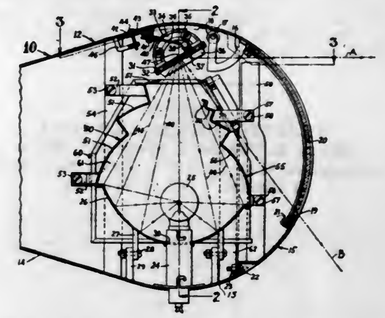
1. An apparatus for producing liquid, more particularly water, impregnated with gas, more particularly carbonic acid, comprising a measuring and delivery vessel, an impregnating device, a rubber ball in the said measuring and delivery vessel dividing the said vessel into two separate chambers, and ribs on the outer face of the said ball disposed in the direction towards the opening of the delivery chamber of the said vessel.

2,064,880

HEADLIGHT

Ralph R. Bostic, Los Angeles, Calif.

Application March 19, 1935, Serial No. 11,825
5 Claims. (Cl. 240—41.1)



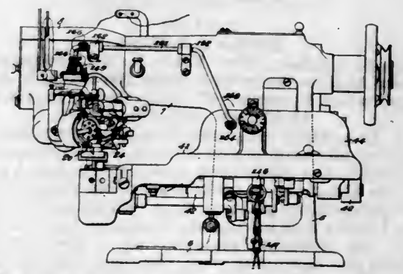
3. A head light, said head light including a housing having a body, said body being of teardrop shape in longitudinal cross-section, said body having end members thereon, the large end of said body having an aperture therein, a closure for said aperture, a reflector member in said housing, said reflector member comprising an elongated trough-like member elliptically shaped in transverse cross-section and extending across said housing, means in the housing to support said reflector, an electric bulb socket mounted on said housing and extending to a position in advance of said reflector, an electric light bulb in said socket, said bulb having a straight elongated filament therein positioned at right angles to the axis of said bulb socket and extending lengthwise of said reflector, a pair of supplemental reflectors disposed at each side of said first reflector, said supplemental reflectors each comprising a plurality of segmental cylindrical surfaces connected by plane surfaces, the center of curvature of said segmental cylindrical surfaces coinciding with the axis of the rectilinear filament and with the focus of the elliptical reflector.

2,064,881

AUTOMATIC TENSION RELEASE FOR BLIND STITCH SEWING MACHINES

Louis G. Bowman, St. Louis, Mo., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo., a corporation of Maine

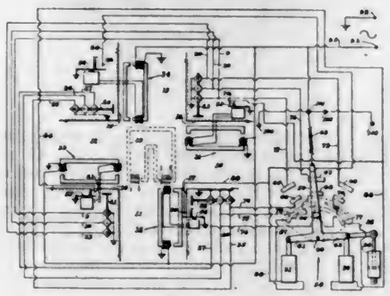
Original application September 27, 1935, Serial No. 42,547. Divided and this application April 14, 1936, Serial No. 74,378
7 Claims. (Cl. 112—254)



1. In a blind stitch sewing machine, the combination with a frame, of a horizontal presser foot

rigidly secured to said frame, a stitch forming mechanism located above the presser foot and including a reciprocating threaded needle, a work support mounted on the frame to move downwardly and having a portion disposed under the foot, needle thread tensioning means mounted on the frame, and means automatically actuated upon depression of the work support for releasing said thread tensioning means.

2,064,882
TRAFFIC SIGNAL CONTROL
Henry B. Brainerd, Wellesley, Mass.
Application May 21, 1931, Serial No. 539,011
8 Claims. (Cl. 177—339)



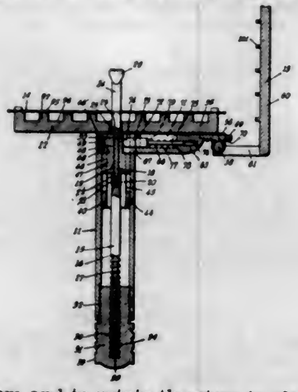
1. A vehicle detector adapted to control traffic signals, consisting of elongated parallel lengths of magnetically permeable material disposed in parallel relation to a lane of travel throughout a distance longer than the length of the longest typical vehicle, means for producing an alternating magnetic field throughout said magnetic material, and an actuating device operable to work the signals upon the redistribution of the magnetic flux in the circuit by the positioning of a vehicle within the influence of said field.

2,064,883
MERCERIZING
Karl Brodersen, Dessau in Anhalt, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application June 30, 1934, Serial No. 733,337. In Germany June 30, 1933
2 Claims. (Cl. 8—20)

1. A process for treating cellulosic fibers with alkali, consisting in submitting them to the action of a bath consisting of a mercerizing lye and a monochlorxylenol.

2,064,884
SAFETY RAZOR
Axel S. Carlson, New York, N. Y., assignor of one-half to Concetta L. Blue, Brooklyn, N. Y.
Application November 27, 1934, Serial No. 754,969
12 Claims. (Cl. 30—61)

1. In a safety razor having a handle, a support-porting plate connected thereto, a clamping plate hinged to the supporting plate and having a pinion on the hinge, a rack bar slidably mounted on the supporting plate, a stem extending through the handle and having an elongated head on the end, the clamping plate having a slot through which the head may pass, the head being longer than the width of the slot, a spring, said rack being operative on movement of the clamping plate from its open to its closed position by engaging such plate to compress the spring, means in the handle to longitudinally move the head



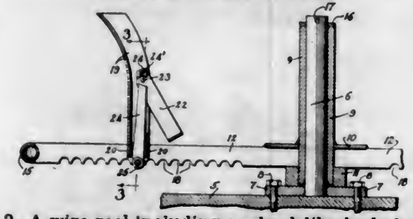
of the stem and to rotate the stem to clamp said clamping plate in its operative closed position.

2,064,885
PREPARATION OF POLY ALKYL-SUBSTITUTED PHENOLS
Marion Scott Carpenter, Nutley, N. J., assignor to Givaudan-Delawanna, Inc., New York, N. Y., a corporation of New York
No Drawing. Application April 7, 1934, Serial No. 719,594
14 Claims. (Cl. 260—154)

1. Process for the preparation of poly alkyl substituted phenols comprising reacting an alkyl substituted phenol and an alkyl halide with aluminum chloride suspended in an inert chlorinated hydrocarbon the amount of aluminum chloride being in excess of that required to react with all the alkyl substituted phenol.

14. 2-methyl-3-iso-propyl-phenol.

2,064,886
WIRE REEL
Eugene Charlesworth, Venice, Calif.
Application January 4, 1936, Serial No. 57,567
6 Claims. (Cl. 242—113)

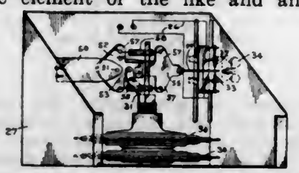


2. A wire reel including a wheel-like body having spoke-like portions forming longitudinally extending slotways therein, means for rotatably supporting the said body, wire-holding fingers adjustably mounted on said spoke-like portions, each having a part above said spoke-like portion and a movable part below said spoke-like portion, and means for moving said parts toward each other in interlocking engagement with said spoke-like portions.

2,064,887
THERMOSTATIC CONTROL APPARATUS
Frederick Norman Chester, Jersey City, N. J.
Application July 28, 1932, Serial No. 625,227
8 Claims. (Cl. 200—140)

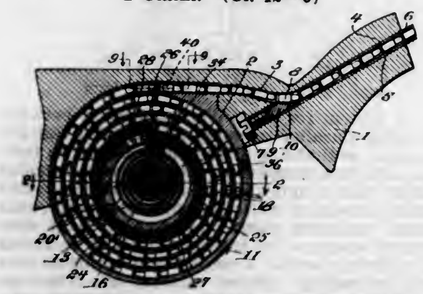
1. A switch adapted for use in a device of the character herein described, comprising a circuit-

closing arm adapted to be operated by a thermostatic element or the like, said arm comprising a plurality of members in combination operatively connected intermediate the point of connection to said thermostatic element or the like and the circuit-closing point, one of which members is adapted to be moved by the action of such thermostatic element or the like and another of



which members is adapted to make contact with a contact point and thereby close an electric circuit when in such contact, and resilient means adapted to hold said parts of said arm normally in such position that the longitudinal axis of said member moved by said thermostatic element and the longitudinal axis of said member which contacts said contact-point and thereby closes said circuit shall be in one line.

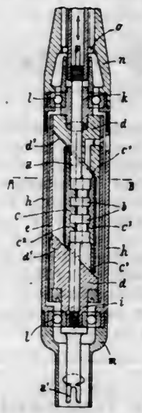
2,064,888
SPIRAL GROOVE RIFLE MAGAZINE
Fred A. Dickinson, St. Louis, Mo.
Application June 4, 1935, Serial No. 24,961
1 Claim. (Cl. 42—6)



In combination with a gun stock having a chamber and an ammunition passage communicating with said chamber, a plate projecting into the chamber and having an offset to provide a spring chamber, means detachably securing the plate to the gun stock, a spring shaft rotatably supported in the spring chamber, a spring for rotating said shaft, a spiral flange formed on one face of the plate, a drive plate rotatably supported by the shaft and free to rotate relative thereto and contacting said spiral flange for cooperating therewith and with the first plate to form a spiral passage to receive ammunition and having communication with the passage of the gun stock, a follower slidable in the spiral passage, said drive plate having a slot opening outwardly through an edge thereof, a block having opposite faces grooved to receive the walls of the slot and connected to the follower, and means for releasably securing the drive plate against rotation.

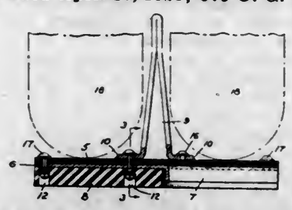
2,064,889
DEVICE FOR CONVERTING A ROTATING MOTION INTO A RECTILINEAR RECIPROCATING MOTION
Emile Dirix, La Calamine, Belgium
Application September 11, 1935, Serial No. 40,138
In Germany September 26, 1934
3 Claims. (Cl. 74—57)

1. In a device for converting rotary motion into reciprocating motion, a central non-rotary shaft which is adapted to be driven with a reciprocating movement, an eccentric on said shaft, a cylindrical member revolvably mounted around said eccentric, means for preventing longitudinal movement of said cylindrical member relatively to the eccentric, oblique parallel end faces on said cylindrical member, a rotary non-



reciprocating driving member mounted concentrically about said shaft and oblique parallel faces on said rotary driving member coacting with the oblique end faces of the cylindrical member, rotation of said driving member causing rotation of said cylindrical member around the eccentric on which it is mounted and hence a longitudinal reciprocating motion is imparted to the central non-rotary shaft.

2,064,890
TRACK FOR TRACK LAYING VEHICLES
James A. Dorst, United States Army, San Francisco, Calif.
Application January 11, 1936, Serial No. 58,708
1 Claim. (Cl. 305—10)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



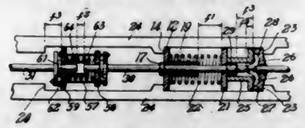
A track for track-laying vehicles comprising an endless band of flexible non-metallic material, widely spaced channeled cleats extending across the entire width of the band on its outer side and including converging side walls, an insert of resilient material confined in each cleat coextensively therewith and having recesses, bolts passing through the band and the end portions of the cleats, a nut on each bolt housed in a recess of the insert, a wheel guide consisting of a bent metal strap having feet engaging the central portion of the inner side of the band, and bolts passing through the feet of the guide and through the band, cleat and insert, and a nut on each of said bolts housed in a recess of the insert.

2,064,891

DRAFT GEAR FOR RAILWAY VEHICLES

Heinrich Egen, Essen, Germany, assignor to Fried. Krupp Aktiengesellschaft, Essen, Germany, a corporation of Germany

Application May 8, 1934, Serial No. 724,478
In Germany June 8, 1933
6 Claims. (Cl. 213—8)



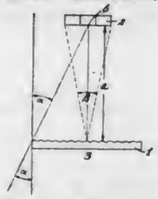
6. In a draft gear for vehicles comprising a frame extending longitudinally of the vehicle, a rod extending longitudinally of the vehicle, two stops on said frame, members engageable with said stops, a spring tending to maintain said members in engagement with said stops, one of said members being expansible, means for moving the other member toward the expansible member upon movement of said rod in one direction, expanding means for said expansible member, and means on said rod engageable with said expanding means to actuate the same.

2,064,892

PRINTING LENTICULAR FILM

John Eggert, Leipzig-Gohlis, and Gerd Heymer, Wolfen Kreis Bitterfeld, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

Application February 27, 1934, Serial No. 713,187
In Germany February 28, 1933
2 Claims. (Cl. 95—75)



1. A process of printing lenticular film which comprises arranging an original and a printing film in contact with the embossed sides facing each other, arranging a source of light with small extension in the direction parallel to the lenticular elements in front of the original so that it is seen from the center of the original under the same angle as was seen the multi-color filter in taking, and bending the two films to a cylindrical plane so that the angle between the perpendiculars erected on the tangents in the borders of the film and the lines from the border of the film to the center of the source of light form the same angle as these lines form in taking.

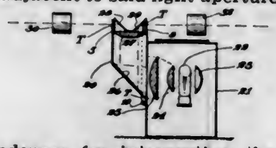
2,064,893

OPTICAL SYSTEM

August D. Eitzen, Rockville Centre, N. Y., assignor to News/ Projection Corporation, New York, N. Y., a corporation of New York

Application December 20, 1933, Serial No. 703,183
Renewed March 22, 1935
27 Claims. (Cl. 88—24)

1. The combination with a lamp, of a plurality of vertically extending light apertures, means for drawing a marked tape successively across said light apertures, means for directing the light rays from said lamp initially in a horizontal direction, a condenser adjacent to and below said light apertures, a deflector for intercepting the initial horizontally directed light rays and deflecting them upwardly through said condenser, and deflectors adjacent to said light apertures and above



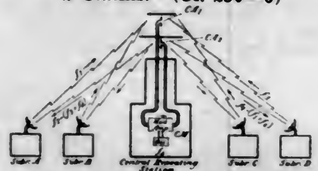
said condenser for intercepting the light rays directed through said condenser dividing them into subordinate light beams and directing them through said several tape portions disposed at said light apertures.

2,064,894

COMMON MEDIUM MULTICHANNEL EXCHANGE SYSTEM

Lloyd Espenschied, Kew Gardens, N. Y., assignor to American Telephone and Telegraph Company, a corporation of New York

Application May 26, 1934, Serial No. 727,807
2 Claims. (Cl. 250—6)



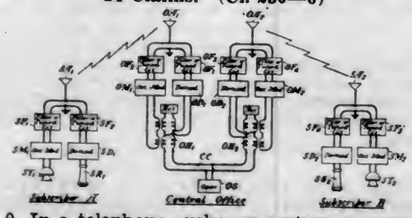
1. A system for radio communication between any of a plurality of subscribers' radio stations arranged so that any station may be put in two-way radio communication with any other station and so that a plurality of such two-way communications may take place simultaneously, said system including means at each of said subscribers' stations for transmitting and receiving radio signals, and at some point an adjusted material reflecting system capable of reflecting simultaneously signals from any of said subscribers' stations to any other of said subscribers' stations.

2,064,895

COMMON MEDIUM MULTICHANNEL EXCHANGE SYSTEM

Lloyd Espenschied, Kew Gardens, and Newton Monk, New York, N. Y., assignors to American Telephone and Telegraph Company, a corporation of New York

Application May 26, 1934, Serial No. 727,808
14 Claims. (Cl. 250—6)



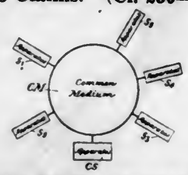
9. In a telephone exchange system, a common transmission medium extending to a plurality of more than two subscribers' stations and to a control office, said transmission medium being capable of transmitting a plurality of carrier frequency telephone bands, means at each subscriber's station for selecting a preassigned pair of said bands to be employed both when the station is calling and when it is called, one band being employed for transmitting telephone signals and the other for receiving telephone signals, the bands assigned to each subscriber's station being different from those assigned to other subscriber's stations, and translating means at the central office common to all of the subscribers' stations whereby the signals transmitted from any station may be received, translated to a different frequency position and transmitted to any other station desired, and whereby signals from the desired station may be received, converted and transmited to the other station, a plurality of similar translating means being provided so that a plurality of such interchanges may be carried out simultaneously between different pairs of stations.

2,064,896

COMMON MEDIUM MULTICHANNEL EXCHANGE SYSTEM

Lloyd Espenschied, Kew Gardens, N. Y., and Estill I. Green, East Orange, N. J., assignors to American Telephone and Telegraph Company, a corporation of New York

Application May 26, 1934, Serial No. 727,811
15 Claims. (Cl. 250—6)



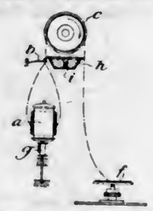
1. In a system for the simultaneous transmission of intelligence between any one and any other of a plurality of subscribers' stations taken in pairs, the method which consists in making provision at each subscriber's station for transmitting at a fixed carrier frequency and receiving at a different fixed carrier frequency, the transmitting frequencies of all subscribers' stations being located in one part of the frequency spectrum and the receiving frequencies of all subscribers' stations in another part of the frequency spectrum, and the transmitting and receiving frequencies of each station being different from the corresponding frequencies of other stations.

2,064,897

MANUFACTURE OF ARTIFICIAL SILK

Paul Esselmann, Wolfen Kreis Bitterfeld, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

Application July 26, 1934, Serial No. 737,121
In Germany July 28, 1933
3 Claims. (Cl. 117—2)



1. In the manufacture of artificial silk according to the bobbin spinning system wherein spun thread is wound on a bobbin, deacidified and dried, the improvement which comprises drawing the dry thread off the bobbin by passing the same over a draft device, simultaneously rotating the bobbin at a sufficient speed to impart twist to the thread, wetting the twisted thread and imparting additional twist to the wetted thread while collecting the same in the form of an unsupported winding or cake.

2,064,898

ANTISEPTIC BANDAGE

Edward Fetter, deceased, late of Baltimore, Md., by Florence Kemler, administratrix, Baltimore, Md., assignor, by mesne assignments, to Henry V. Lucas, Baltimore, Md.

No Drawing. Application February 21, 1936, Serial No. 65,173
5 Claims. (Cl. 167—84)

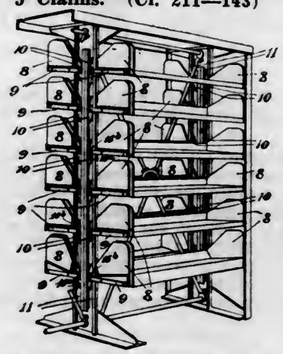
1. A bandage consisting of unvulcanized rubber which is self adhesive and moldable, the rubber having mixed therein throughout the body of the material oxyquinoline, in the form of an antiseptic which is solid at normal room temperatures, but gradually vaporized by the heat of the body and discharged from the rubber so that it is continuously supplied to the skin beneath the bandage when the bandage is in use.

2,064,899

ADJUSTABLE SHELVING

Henry James Finer and John Bickers, Erdington, Birmingham, England, assignors to Constructors Limited, Birmingham, England

Application February 7, 1935, Serial No. 5,415
In Great Britain February 10, 1934
5 Claims. (Cl. 211—143)



1. Adjustable shelving comprising in combination slideways, members connected with each adjustable shelf which are slidably and tiltably mounted within said slideways, anti-friction means carried by said members which come into contact with the adjacent sides of the slideways for facilitating the movement of a shelf into an adjusted position and means located in an intermediate portion of the said members which exerts a binding action on the sides of the uprights when a shelf is brought into the position it is desired to occupy when in use and which permits a free traverse of the said members when a shelf is tilted out of the position it occupies prior to a change of position.

2,064,900

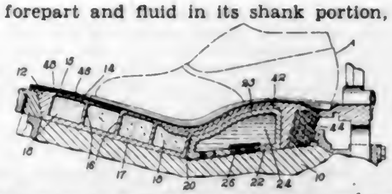
PRESSURE APPLYING PAD

Sidney J. Finn, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application July 19, 1934, Serial No. 735,920
16 Claims. (Cl. 12—38)

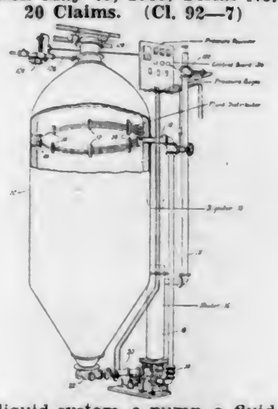
1. A pad for use in applying pressure to shoe bottoms comprising a container having sand in

its forepart and fluid in its shank portion, the



heel portion of said container being composed of solid material.

2,064,901
DIGESTER
James Fletcher, Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J., a corporation of New Jersey
Application May 25, 1935, Serial No. 23,423
20 Claims. (Cl. 92—7)



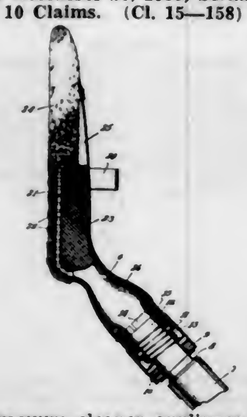
1. In a liquid system, a pump, a fluid chamber conduit connections between the pump and the chamber, a plurality of conduit terminals, means locating the terminals at different levels beneath the normal level of the liquid and at positions uniformly circumferentially spaced relative to said body, and curved conduit sections of uniform lengths affording separate communications between the separate terminals and the connections.

2,064,902
NONREFILLABLE BOTTLE
Michael J. Freeman, New York, N. Y.
Application August 9, 1935, Serial No. 35,426
2 Claims. (Cl. 215—25)



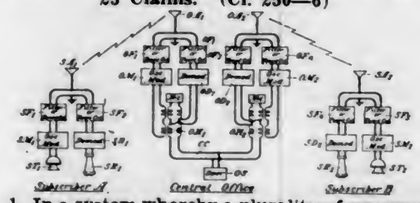
1. In a non-refillable bottle having a neck portion adapted to receive separable bushings therein; each of said bushings provided with a passageway having a ground valve seat; an elongated solid valve having an enlarged head portion adaptable for contacting slightly on said ground seat; said valve having a shank portion provided with channels or grooves; a float member having pin like projections or similar means adaptable for said float member to slide within a port opening provided within one of said bushings; each of said valves providing a double precaution of preventing said bottle being filled with any suitable liquid when in the unused position; said cork member providing a further precaution of refilling; each of said channels or grooves of each valve being adaptable to allow the free flow of liquid from within the said bottle when in the dispensing position.

2,064,903
VACUUM CLEANER ATTACHMENT
Gabriel P. Ghignatti, Chattanooga, Tenn.
Application December 20, 1935, Serial No. 55,462
10 Claims. (Cl. 15—158)



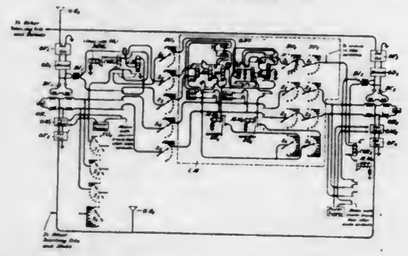
2. In a vacuum cleaner appliance, a shoe of resilient material open at its back and having a front wall and side walls and a hollow shank adapted for connection with a suction hose, the front wall having air inlet openings, inwardly opening valves for the air inlets, a soft pad in said shoe spaced from the front wall to provide an air chamber communicating with said shank, the valves being yieldably held closed and adapted to be opened when pressure is applied to their outer ends, and a jacket of porous material enclosing the shoe and pad.

2,064,904
COMMON MEDIUM MULTICHANNEL EXCHANGE SYSTEM
Estill I. Green, East Orange, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application May 26, 1934, Serial No. 727,802
23 Claims. (Cl. 250—6)



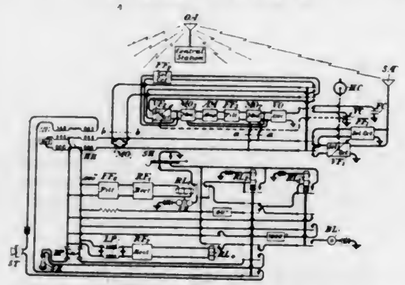
1. In a system whereby a plurality of communications of intelligence may be simultaneously effected over a common transmission medium and through a central office between any one and any other of a plurality of subscribers' stations in pairs, the method which consists in transmitting certain frequencies between the subscriber's station and the central office for establishing connections between calling subscribers' stations and the central office, and transmitting certain other frequencies between the subscriber's station and the central office for completing connections from the central office to called subscribers' stations, each of said first-mentioned frequencies being available to all of the stations.

2,064,905
COMMON MEDIUM MULTICHANNEL EXCHANGE SYSTEM
Estill Ibbotson Green, East Orange, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application May 26, 1934, Serial No. 727,803
23 Claims. (Cl. 250—6)



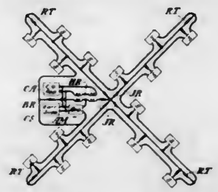
4. A common transmission medium extending to each of a plurality of subscribers' stations and to a central office, and means at said central office, automatically responsive to carrier frequency signals transmitted over said medium from said subscribers' stations to automatically establish and simultaneously maintain a plurality of communications between any one and any other of said subscribers' stations in pairs.

2,064,906
COMMON MEDIUM MULTICHANNEL EXCHANGE SYSTEM
Estill I. Green, East Orange, N. J., Newton Monk, New York, and Warren H. Tidd, White Plains, N. Y., assignors to American Telephone and Telegraph Company, a corporation of New York
Application May 26, 1934, Serial No. 727,805
18 Claims. (Cl. 250—6)



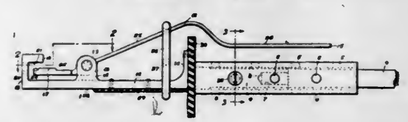
1. In a system for the exchange of intelligence over a common transmission medium between any one and any other of a plurality of stations taken in pairs, the method which consists in transmitting a plurality of controlling frequencies from a common station to all of the other stations, and at any one of said plurality of stations selecting exclusively and utilizing one of those frequencies for two-way communication over said common medium with another station corresponding to the selected frequency.

2,064,907
COMMON MEDIUM MULTICHANNEL EXCHANGE SYSTEM
Estill I. Green, East Orange, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application May 26, 1934, Serial No. 727,806
19 Claims. (Cl. 179—15)



13. As a common medium for signalling from any one of a plurality of more than two stations to any one other station, a system of conductors to which said stations are connected and having branching connections one conductor to another, in combination with means to equalize the impedance either way along any path from one station to another station.

2,064,908
ELECTRODE HOLDER
Herbert Q. Gruell, Erlanger, Ky.
Application October 3, 1935, Serial No. 43,332
7 Claims. (Cl. 219—8)



1. A holder for welding electrodes which comprises in combination, a handle and a forward extension supported by the handle, including means for holding an electrode in substantial alignment with the handle, an electrode clamp adjacent to a terminal end of said extension, and a clamp control element likewise having a handle portion disposed longitudinally of and substantially coextensively with the first mentioned handle, in spaced relation thereto so as to be grasped conjointly therewith, and including a resilient portion inclined toward said forward extension, and means for maintaining a clamped relationship of the clamp upon an electrode, said means comprising a sliding link adapted to slide toward the electrode clamp to release the electrode upon movement of the handles toward one another.

2,064,909
THERMOSTATIC FUEL CONTROL
Otto W. Hahn, San Francisco, Calif.
Application July 25, 1932, Serial No. 624,505
13 Claims. (Cl. 158—117.1)

13. A thermostatic element comprising an elongated plate of corrosion-resisting metal weakened along one margin at a point intermedi-

ate the ends of the plate, so that when heat is applied to the weakened area the ends of the

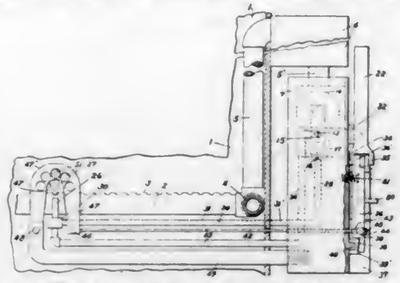
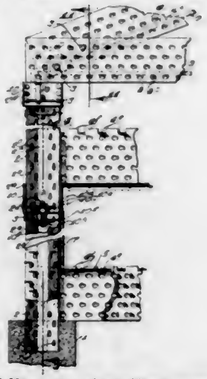


plate will move relatively to one another in the plane of the plate for doing useful work.

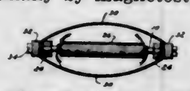
2,064,910
REENFORCED MONOLITH BUILDING CONSTRUCTION
Clarence S. Harper, San Diego, Calif.
Application September 20, 1933, Serial No. 690,219
4 Claims. (Cl. 72—1)



1. In a building construction, combined frame and form elements formed of sheet material and bent to form the various structural members of a building construction, said structural members having a plurality of apertures therein, the apertures in the several structural members being so disposed that upon arrangement of the structural members in their various positions to form a building construction several apertures of adjacent structural members are in registry, tie members adapted to be inserted through such apertures to initially retain the structural members in position, said structural members having structural sections and defining channels adapted to receive plastic material, the apertures adapted to permit extrusion of a limited quantity of plastic material to provide irregular exterior surfaces facilitating the application of other plastic material, and anchor lugs extending into the channels formed by partially punching the material deleted to form the apertures.

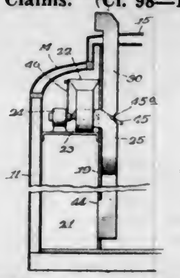
2,064,911
SOUND GENERATING AND DIRECTING APPARATUS
Harvey C. Hayes, Washington, D. C.
Application October 9, 1935, Serial No. 44,311
6 Claims. (Cl. 181—0.5)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In a sound generating device, a plurality of rods of magnetostrictive material arranged in parallel, a pair of bars each of which is rigidly secured to one end of each of said rods, a second pair of bars adapted to be clamped against and in alignment with said first mentioned bars, a pair of substantially rectangular sound radiating diaphragms each of which is outwardly convex in curvature, each of said diaphragms being provided with flanges along two of its parallel edges, said flanges being clamped between said first and second mentioned bars, and electrical magnetic means surrounding said rods for vibrating said rods longitudinally by magnetostriction.



3. In a sound generating device, a plurality of rods of magnetostrictive material, a central supporting member, said rods being disposed in parallel groups and said groups being arranged uniformly and radially around said member with the inner end of each rod rigidly secured to said member, and an enveloping diaphragm secured to the projecting ends of said groups of rods, the portions of said diaphragm between adjacent groups of rods being uniformly concave, and electrical magnetic means for simultaneously vibrating all of said rods longitudinally by magnetostriction.

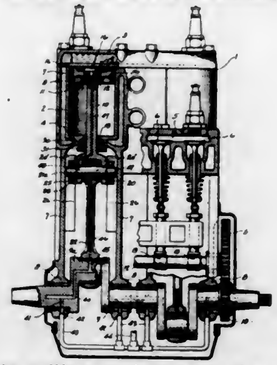
2,064,912
VENTILATING SYSTEM
Herman C. Heaton, Kenilworth, and William E. Watt, Evanston, Ill., assignors, by direct and mesne assignments, to B. F. Sturtevant Company, a corporation of Massachusetts
Application July 14, 1926, Serial No. 122,364
Renewed March 24, 1932
2 Claims. (Cl. 98—10)



1. In combination, a railway coach having a partition forming a compartment, and an aisle at one end of said coach, a casing in said aisle adjacent the top of said coach, a blower in said casing, a pair of conduits for conveying air to said blower, an opening in said partition, one of said conduits being in communication with the external air and the other extending downwardly within said compartment and terminating adjacent said opening, means in said casing for removing dust and moisture from the air delivered to said casing by said blower, and means for delivering said air under pressure to different portions of said coach.

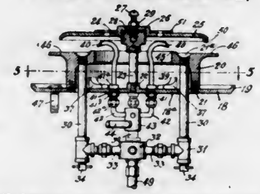
2,064,913
INTERNAL COMBUSTION ENGINE
Harry O. Hedges, Seattle, Wash., assignor to Hedges Motor Company, Seattle, Wash., a corporation of Washington
Application May 14, 1934, Serial No. 725,490
2 Claims. (Cl. 123—63)

1. In an engine, a power cylinder having an end wall opening, a piston reciprocally contained in the cylinder having a piston rod extended through the said end wall opening, a crank shaft, a connecting rod operatively connected with a throw of the crank shaft and with the extended end of the piston rod, a guideway comprising parallel guide surfaces, a cross head on the piston rod comprising a roller tracking in the guideway with lateral clearance whereby frictional contact with the surface at one side is avoided while the



roller is in rolling contact with the surface at the other side, a connecting rod operatively joining the cross head and crank shaft and a piston rod sealing means fitted in the cylinder end wall opening including means to allow lateral movement therein permitting it to accommodate itself, without leakage, to lateral movements of the rod permitted by clearance between the cross head roller and guide surfaces.

2,064,914
OIL AND GAS BURNER
Joseph Heinzel, Copiague, N. Y.
Application August 23, 1932, Serial No. 630,031
4 Claims. (Cl. 158—91)

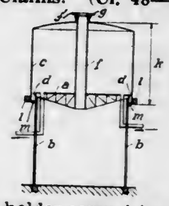


1. An oil burner comprising a hollow member of closed curvilinear outline having a groove in the top surface thereof for distributing oil along the length of such member, said member being open at its top and bottom to provide a passageway for air therethrough, a conduit opening into said groove from below the groove for feeding oil thereinto, a distributing plate positioned within said member and dimensioned to provide a narrow annular channel for air between itself and said member along the periphery of such plate, a deflecting plate overlying said member and spaced vertically therefrom to form a burner nozzle therewith, the outer edge of said last-mentioned plate being curved downwardly to direct the stream of air rising from said channel toward the top surface of said member and terminating short of the outer edge of said member, a pilot burner supported within said member so as to be swept by the current of air passing therethrough and directing a pre-heating and igniting flame upon the body of liquid fuel in said groove, and a pipe connected with said pilot burner to feed gas thereto.

2,064,915
MANUFACTURE OF SHAPED ARTICLES FROM VISCOSE
Emil Hubert, Dessau-Ziebigk, and Hermann Hecht, Dessau, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application November 28, 1933, Serial No. 700,146. In Germany December 8, 1932
9 Claims. (Cl. 18—54)

1. In the process of manufacturing artificial products from viscose the steps which comprise adding to the viscose the xanthate of a compound belonging to the group consisting of aromatic, hydroaromatic, cyclic and heterocyclic alcohols, extruding the viscose through suitably shaped openings, and coagulating said extruded viscose by means of an acid salt solution.

2,064,916
BELL GASHOLDER
Konrad Jagschitz, Mainz, Germany, assignor to Maschinenfabrik Augsburg-Nurnberg A. G., Nuremberg, Germany, a corporation of Germany
Application April 7, 1931, Serial No. 528,279
In Germany April 16, 1930
7 Claims. (Cl. 48—176)

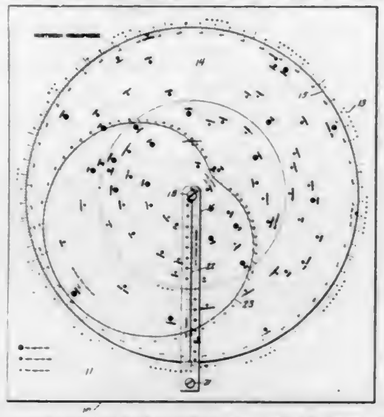


1. A bell gas holder comprising, in combination, a stationary gas-tight bottom, means for supporting said bottom above a horizontal surface, a vertically movable bell arranged over the bottom in such a manner that the lower rim of the bell is lower than the border of the bottom so that the bell confines such bottom, said bottom extending transversely to the vertical axis of the bell, sealing means at the rim of said bottom for sealing the gas holder at such place, and an open tube extending from the center of the bottom upwardly through the top of the bell for guiding the bell and communicating with the space between the bottom and said horizontal surface to ventilate the same.

2,064,917
NAVIGATIONAL INSTRUMENT
Henry M. Jensen, United States Navy
Application June 6, 1934, Serial No. 729,256
4 Claims. (Cl. 235—83)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A navigational instrument, comprising a base upon which is graduated a date scale, a disk pivoted at the center of said date scale and having graduated on its edge an hour scale, said hour scale being associated with said date scale to facilitate the adjustment of one in relation to the other, said disk having located thereon a closed curve of corrections for observed altitudes of Polaris and a semi-permanently fixed arm pivoted at the center of said date scale and extending beyond the edge of said disk, said arm having a graduated median line for indicating, by its intersection with said curve, the correction to be applied to the observed altitude of Polaris to

determine the true latitude of the observer's position, the value of said correction being read



from said graduated median line, said correction being related to the sidereal time of observation.

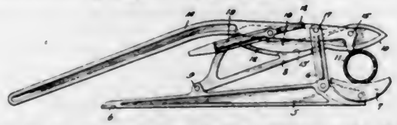
2,064,918
BOLT AND THE LIKE AND PROCESS OF MAKING
Charles Kaufman, Parma, Ohio, assignor to The National Machinery Company, Tiffin, Ohio, a corporation of Ohio
Application February 15, 1936, Serial No. 64,066
38 Claims. (Cl. 10—27)



1. A bolt having a head upset from stock of greater diameter than the finished shank, a shank portion adjacent the head of over-all thread diameter and a threaded portion, the grain structure of said bolt characterized by having a single blow upset head and a shank twice worked throughout its length.

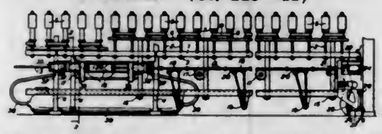
13. That method of making a bolt blank which comprises shearing a length of stock, extruding a portion of said length of stock to the pitch diameter of the threads in the finished article, upsetting a head and a part of said extruded portion whereby the shank is provided with a section adjacent the head of greater diameter than said extruded shank forming part.

2,064,919
HOSE CLAMP
David S. Kellam, Atlanta, Ga.
Application October 24, 1935, Serial No. 46,602
1 Claim. (Cl. 251—5)



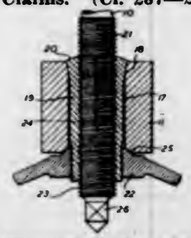
A hose clamp comprising upper and lower pivotally connected members, cooperating jaws at the outer ends of the members, an operating lever pivotally connected with the upper member, links connected with the lower member and having pivotal connection with the lever at a point above the pivot point of the lever, an arm pivotally connected with the lever and having a bifurcated end, an upstanding longitudinal flange formed along the upper edge of the upper member, said bifurcated end of the arm adapted to straddle the flange, holding the arm against twisting with respect to the pivoted members, and cooperating teeth on the upper member and bifurcated end of the arm, whereby the lever is held in various positions of adjustment.

2,064,920
BALANCING MEANS FOR SPINNING MACHINES
Edward Kinsella and Charles Wesley Addy, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application August 20, 1935, Serial No. 36,952
In Great Britain September 17, 1934
9 Claims. (Cl. 118—41)



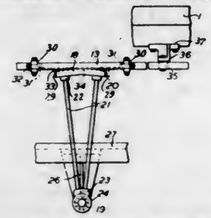
1. In a spinning machine comprising vertically reciprocating parts, means for balancing said parts, comprising a piston member, a cylinder member into which said piston member is adapted to fit, one of said members being a fixed member, means for securing the other of said members to said vertically reciprocating parts so that said member reciprocates with said parts, a source of supply of fluid under pressure, and means for connecting said source of supply to said cylinder so that the pressure opposes the descent of said vertically reciprocating parts and assists the ascent thereof.

2,064,921
SPINDLE OF CAP-SPINNING MACHINES
Edward Kinsella and Charles Wesley Addy, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application August 20, 1935, Serial No. 36,953
In Great Britain September 17, 1934
3 Claims. (Cl. 287—20)



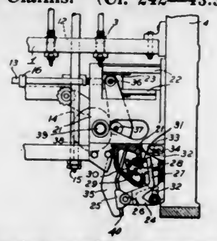
1. In a cap-spinning machine having a spindle rail, a spindle mounted on said rail and a cap carried by said spindle, the combination of a split collet coned externally to fit a boring tapered over at least part of its length in the spindle rail and having a screw-threaded bore, the spindle having a threaded lower end to fit said bore and being adapted to extend completely through said collet, means on the lower end of said spindle to facilitate the turning thereof, and means to draw the collet into the bore so as to contract the collet on the spindle.

2,064,922
LIFTER APPARATUS FOR SPINNING MACHINES
Edward Kinsella and Charles Wesley Addy, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application August 20, 1935, Serial No. 36,954
In Great Britain September 17, 1934
7 Claims. (Cl. 242—43.3)



1. In a spinning machine comprising a horizontal and longitudinally moving traverse rod for effecting a traversing motion, a mounting for said traverse rod comprising a plurality of quadrants pivotally mounted to rock about their centres, and having their arcuate surfaces uppermost to carry said traverse rod upon said arcuate surfaces.

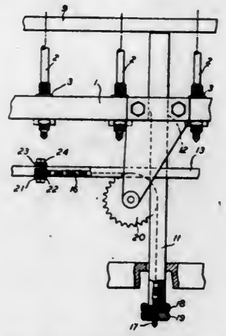
2,064,923
LIFTER MOTION OF SPINNING MACHINES
Edward Kinsella and Charles Wesley Addy, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application August 20, 1935, Serial No. 36,955
In Great Britain September 17, 1934
10 Claims. (Cl. 242—43.3)



1. In a spinning machine comprising a longitudinally moving traverse rod for effecting a traversing motion, means for actuating said traverse rod, comprising a lever directly secured at one end to said traverse rod, a pivot for the other end of said lever, said lever being mounted to slide against said pivot during the traversing motion, cam means for rocking said lever about said pivot, and means for adjusting the position of said pivot in the direction of the length of the lever in order to adjust the length of traverse.

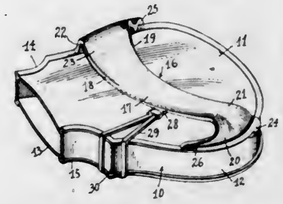
2,064,924
LIFTER MOTION OF SPINNING APPARATUS
Edward Kinsella and Charles Wesley Addy, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application August 20, 1935, Serial No. 36,956
In Great Britain September 17, 1934
5 Claims. (Cl. 118—41)

1. In a spinning machine comprising vertically reciprocating parts, and horizontally reciprocating actuating members therefor, a connection between said reciprocating parts and actuating members comprising vertical rods connected to said parts, flexible members connected to said rods and said actuating members, and pulleys



over which said flexible members pass, each of said vertical rods having a longitudinal recess and each flexible member lying in the recess so as to pass up the axis of the rod.

2,064,925
REMOVABLE SHOULDER REST FOR VIOLINS
Vlado Koiitsch, New York, N. Y.
Application April 13, 1935, Serial No. 16,199
2 Claims. (Cl. 84—280)

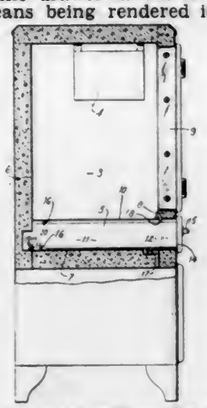


1. In a shoulder rest for violins, having a strip of material to be placed across the rear portion of the bottom of the violin with projecting lugs at its ends for resting on opposite edges of the violin, its body being spaced apart from said bottom plate, lateral extensions of said lugs to provide a longer resting surface for the device, and a curved projection at the rearward end of each lug adapted to engage the respective edge of the violin to prevent a displacement of said strip of material in relation to said bottom plate.

2,064,926
REFRIGERATOR
Chester A. Kuebler, Erie, Pa.
Application November 29, 1933, Serial No. 700,232
8 Claims. (Cl. 62—89)

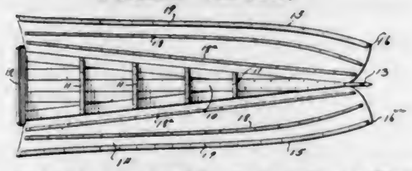
1. In a refrigerator, an auxiliary compartment adapted to communicate with a main cooling compartment, a drawer disposed within the auxiliary compartment and movable outwardly therefrom in a substantially horizontal plane, rolling elements intermediate the auxiliary chamber and the drawer to effect relative movement therebetween with a minimum of friction, means for sealingly engaging the drawer with the auxiliary compartment when in a closed position, and automatic latch means disposed rearwardly of the inner wall of the drawer for

maintaining the drawer in the sealed position, the latch means being rendered inoperable by



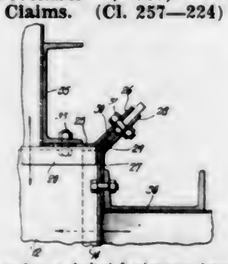
an outwardly directed pull on the drawer above a predetermined amount.

2,064,927
METALLIC BOAT
Frank A. Langenhorst and Austin D. Gates, Winter Haven, Fla.
Application July 3, 1934, Serial No. 733,667
4 Claims. (Cl. 9—6)



1. A flat-bottom boat having a primary frame including a rigid triangular floor terminating at its bow end in a point and having a stem and stern piece attached thereto, and a hull of sheet metal rigidly attached to and fitting flat against the bottom of the floor and extending upward and outward from each side edge of the floor, the ends of the hull being permanently attached respectively to the stem and stern pieces.

2,064,928
PACKING JOINTS FOR HEAT EXCHANGERS
Varnum S. Lewis, New Rochelle, N. Y., assignor to Prat-Daniel Corporation, New York, N. Y., a corporation of New York
Application November 22, 1935, Serial No. 51,024
9 Claims. (Cl. 257—224)

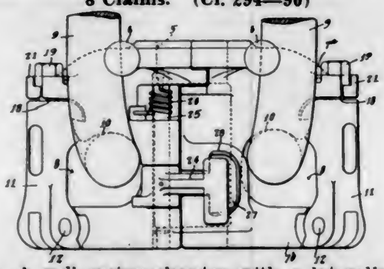


1. A packing for a joint between two wall plates disposed at an angle to each other, which comprises spaced plates extending in parallel spaced relation, one from the outer surface of one of said wall plates and the other from the outer surface of said other of said wall plates, packing material between said extending plates. and means movable inwardly towards said joint to compact said packing into said joint.

2,064,929
METHOD FOR PRODUCING FIBROUS CELLULOSE FROM PLANT STALKS AND UTILIZATION OF SUCH FIBROUS CELLULOSE
George A. Lowry and Jim A. Grant, New York, N. Y., assignors to Martin Hill Ittner, Jersey City, N. J.
No Drawing. Application June 22, 1934, Serial No. 731,840
24 Claims. (Cl. 92—14)

1. In the preparation of flax fibre, the scutching of unretted flax straw to obtain crude fibre, and the digestion of the unhackled unretted crude fibre so made with substantially ten per centum caustic soda at a temperature of from 320° F. to 360° F. for the chemical removal of non-cellulose material including shives.

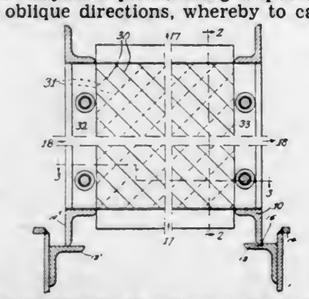
2,064,930
LINK RETAINER FOR WELL CASING ELEVATORS
Chester A. Lundeen, Los Angeles, Calif., assignor to Byron Jackson Co., Los Angeles, Calif., a corporation of Delaware
Application August 24, 1934, Serial No. 741,249
8 Claims. (Cl. 294—90)



1. A well-casing elevator with a laterally extending bifurcated supporting ear, comprising an upper fork and a lower fork, a link-retaining arm pivotally attached to one of said forks, the other fork and the free end of said arm having correlated interlocking means, and a bolt passing completely through the fork adjacent the said free end, and threaded into the free end of the arm for securing said arm in a position in which it connects said forks, said bolt carrying tensile stresses and imparting the same from the upper fork to the lower fork.

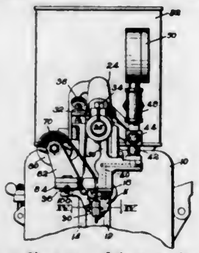
2,064,931
HEAT TRANSFER
Alf Lysholm, Stockholm, Sweden, assignor to Aktiebolaget Ljungstroms Angturbin, Stockholm, Sweden, a joint-stock company of Sweden
Application October 21, 1932, Serial No. 638,979
In Great Britain December 21, 1931
7 Claims. (Cl. 257—245)

1. In heat transfer apparatus, a heat transfer plate structure comprising plates having portions spaced to form side walls separating adjacent passages between the plates for flow of fluid in heat exchange relation in adjacent passages, the cross sections of said passages having a width many times the height thereof, said passages providing relatively wide and shallow paths for free and unobstructed flow of fluid in the direction of the length of the passages, the spaced portions of said plates being formed with corrugations disposed to provide a series of channels for uninterrupted flow of fluid obliquely with respect to the direction of length of the passages and the corrugations of adjacent plates being disposed in oppositely oblique directions, whereby to cause ob-



lique flow in opposite directions of the portions of the fluid flowing adjacent to the side walls of the passage and to thereby cause the portion of the fluid in such passage having unobstructed flow in the direction of length of the passage to move sideways in one direction adjacent to one side wall thereof and to move sideways in the opposite direction adjacent to the opposite side wall thereof due to molecular friction with the obliquely flowing fluid.

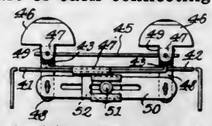
2,064,932
COATING APPLYING MACHINE
Wilbur L. MacKenzie, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application November 26, 1934, Serial No. 754,894
6 Claims. (Cl. 91—43)



1. In an extruding machine, a depending nozzle having grooves in its work contacting end extending in the direction of relative movement between the nozzle and a piece of work presented thereto, minute passages extending from the interior of the nozzle to approximately the bottoms of said grooves, and a flexible ribbed spreader associated with said nozzle and adapted to be deflected by a piece of work and to bear upon the coated surface of the work as relative movement between the work and the nozzle is produced.

2,064,933
EYE MOUNTING FOR DOLLS
Joseph A. Manning, Pawtucket, R. I.
Application March 1, 1934, Serial No. 713,561
2 Claims. (Cl. 46—168)

1. The combination with a doll head having eye sockets, of an eye mounting comprising supporting bars having forwardly extended ends formed with bearing openings, connecting members, spaced ears extending rearwardly from each connecting member and having openings, a shaft square in cross section extending through the openings of the ears and forwardly extended ends of the supporting bars, upper and lower pintles forming a part of each connecting member, eye



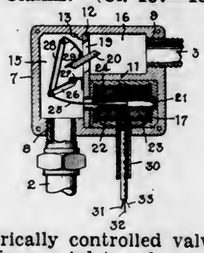
members fitted within the eye sockets, upper and lower rearwardly extended arms formed integral with the eye members, said arms being mounted upon said pintles, the lower arms being substantially long, bars connecting the substantially long arms, and a weight mounted intermediate the ends of the bars connecting the substantially long arms.

2,064,934
BRACELET
George H. Marshall, Providence, R. I.
Application December 31, 1935, Serial No. 56,921
9 Claims. (Cl. 63—7)



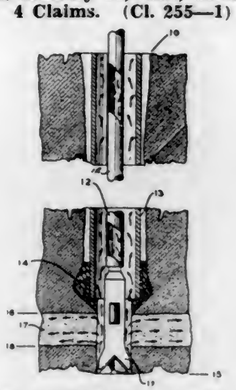
1. A bracelet comprising a plurality of sections, a superimposed ornamental member on one of said sections of an external shape different than said section and of an arcuate extent at least as great as the section beneath it, and means at the meeting ends of said section comprising relatively interfolded parts for securing said member in position.

2,064,935
ELECTRICALLY CONTROLLED VALVE
Robert J. McFall, Cherrydale, and Frank H. Roland, Ashton Heights, Va.
Application December 6, 1932, Serial No. 645,984
13 Claims. (Cl. 137—139)



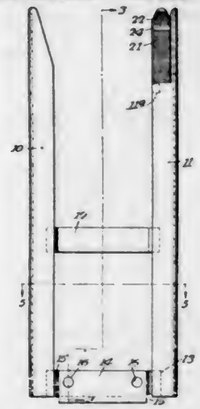
1. An electrically controlled valve comprising a casing having an inlet and an outlet opening therein, partitions dividing said casing into an inlet chamber, an outlet chamber and a valve operating mechanism chamber, one of said partitions being removable from said casing, said removable partition having a port establishing communication between said inlet and outlet chambers, a valve carried by said removable partition and controlling said port, and electromagnetic means also carried by said removable partition and operatively connected with said valve.

2,064,936
METHOD OF SEALING OFF POROUS FORMATIONS IN WELLS
Horace Lowry McQuiston, Oklahoma City, Okla., assignor to Phillips Petroleum Company, a corporation of Delaware
Application January 14, 1935, Serial No. 1,777
4 Claims. (Cl. 255—1)



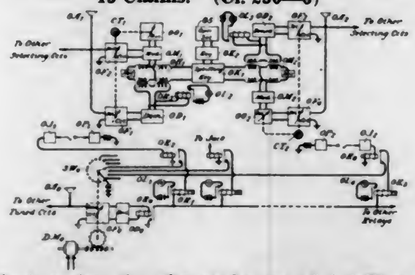
1. In drilling wells through oil sand strata the method of preventing oil or water contained therein from leaking into the well hole which consists in introducing into the well hole a sealing medium comprising an oil vehicle and a pulpy sealing agent, and applying pressure within said hole to force the sealing medium downwardly into said hole and against the side wall thereof and into the crevices of the oil or water bearing sand strata facing on said well hole walls to seal the same against further leaks.

2,064,937
FURNACE FINGER
Paul S. Menough, Pittsburgh, Pa., assignor to Michiana Products Corporation, Michigan City, Ind., a corporation of Indiana
Application June 19, 1936, Serial No. 86,107
15 Claims. (Cl. 263—8)



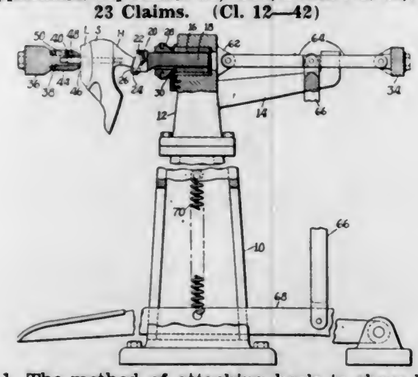
1. A support for a conveyor for a heat treating furnace comprising an upwardly extending furnace finger of a heat resisting alloy of thin metal, said finger being so constructed that its intermediate portion has an effective thickness materially greater than the actual thickness of the material at said portion.

2,064,938
COMMON MEDIUM MULTICHANNEL EXCHANGE SYSTEM
Newton Monk, New York, N. Y., assignor to American Telephone and Telegraph Company, a corporation of New York
Application May 26, 1934, Serial No. 727,799
15 Claims. (Cl. 250—6)



1. A system for the exchange of intelligence over a common medium, said system comprising a plurality of more than two individual subscribers' stations and a common central station through which any two individual subscribers' stations may be connected, said individual subscribers' stations employing different fixed frequencies for transmission and other and different fixed frequencies for reception, and means at the central station for identifying any of a plurality of said individual subscribers' stations whenever said stations are calling.

2,064,939
METHOD OF ATTACHING HEELS TO SHOES AND APPARATUS FOR PERFORMING SUCH METHOD
William H. Nutt, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application September 21, 1935, Serial No. 41,612
23 Claims. (Cl. 12—42)

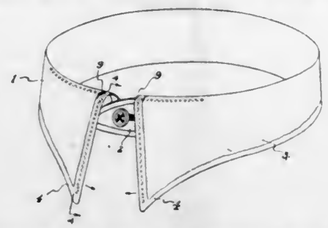


1. The method of attaching heels to shoes by multi-pronged fastenings in which are openings, which consists in determining the relation of the prongs of a fastening to a heel to be attached by the position of the fastening-opening, and driving the thus-positioned fastening into the work.

2,064,940
COLLAR FORM RETAINER
George R. Oliver, Tulsa, Okla.
Application September 30, 1935, Serial No. 42,905
2 Claims. (Cl. 2—132)

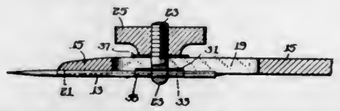
1. The combination with adjacent collar flaps of a folded collar, said flaps having laminations,

of flap forms, said flap forms having angularly disposed connected spring arms adapted to be sprung towards each other when the forms are in position for tensioning the same in relation to each other, said forms comprising downwardly extending arms within the flaps at the ends thereof between the laminations, the upper ends of said arms terminating in inwardly curved



portions at the fold of the collar, said inwardly curved portions terminating in oppositely extended outwardly curved portions in the bottom of the fold of the collars, the lower ends of the downwardly extending arms terminating in portions extending downwardly, inwardly and outwardly, whereby the extreme ends will be spaced from the body of the wearer.

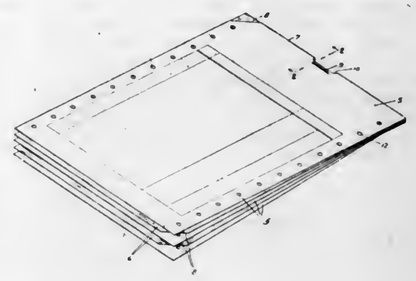
2,064,941
PIN MOUNTING
Louis F. Parr, Chicago, Ill., assignor to Eugene Dietzgen Company, Chicago, Ill., a corporation of Delaware
Application December 31, 1934, Serial No. 759,936
6 Claims. (Cl. 33—152)



1. The combination with a support element having an elongated slot, of means for adjustably mounting a pin on said element, said means comprising a member extending in the slot and longitudinally movable therein and having ends projecting on opposite sides of the support element, one of said ends having an opening for the reception of the pin whereby the same may be supported on one side of said element and shifted thereon with said member, and clamping means comprising a plate held on one end of said member by said pin in position to engage one side of the support element, and a clamp co-operatively associated with the other end of said member in position to co-operate with the opposite side of the support element whereby to clampingly secure the pin on said plate and to clamp said support element between the plate and the clamp solely by the manipulation of said clamp.

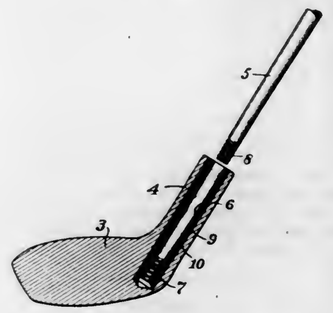
2,064,942
RECORD
Arthur H. Phillips, Hempstead, N. Y., and William Allan, Jr., Ridgefield Park, N. J., assignors, by mesne assignments, to American Sales Book Company, Inc., a corporation of Delaware
Application January 17, 1931, Serial No. 509,303
Renewed December 17, 1934
7 Claims. (Cl. 282—12)

1. A record including a plurality of superposed material layers each having a plurality of longitudinally spaced transverse lines of severance dividing said record into record packs, fastening means extending through said layers and lying respectively in closed apertures in at least one layer and individual to each of said packs, said apertures being larger than said fastening means



and loosely receiving the latter and all of said layers being formed with continuously circumferential notch openings extending respectively into immediate proximity to and adjacent said fastening means but being wholly spaced from the latter by an intervening portion of each material layer.

2,064,943
GOLF CLUB
William F. Reach, Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y., a corporation of New Jersey
Application April 21, 1932, Serial No. 606,720
Renewed September 27, 1935
3 Claims. (Cl. 273—80)

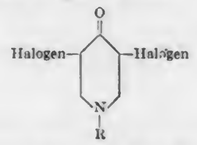


1. A wooden head cushion neck golf club with a detachable hollow metallic shaft comprising a wooden hosel, a metallic sleeve in said hosel with a rubber sleeve vulcanized to the metallic sleeve exteriorly thereof, a fabric layer affixed to the rubber sleeve and cemented to the wall of the wooden hosel, and a hollow metallic shaft detachably connected with the metallic sleeve, said metallic sleeve being substantially as long as the rubber sleeve and fabric layer and shielding the shaft from contact therewith throughout the length of said rubber sleeve, said rubber

sleeve being maintained throughout its length in the same condition and position with the shaft out as with the shaft in place, substantially as described.

2,064,944
PYRIDINE DERIVATIVES AND PROCESS OF MAKING THEM
Joachim Reitmann and Gerhard Hecht, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company Inc., New York, N. Y., a corporation of New York
No Drawing. Application December 16, 1931, Serial No. 581,509. In Germany December 20, 1930
24 Claims. (Cl. 260—42)

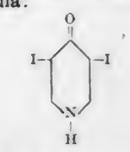
1. 4-pyridones of the formula:



wherein halogen stands for a substituent selected from the group consisting of bromine and iodine, and R stands for an aliphatic group which products are in general whitish powders, being characterized by an increased solubility in water, being valuable products for the X-ray photography.

2,064,945
PYRIDINE DERIVATIVES AND PROCESS OF MAKING THE SAME
Joachim Reitmann, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application December 16, 1931, Serial No. 581,510. In Germany December 20, 1930
9 Claims. (Cl. 260—42)

6. As a new product, 3.5-di-iodo-4-pyridone having the formula:



and being a colorless substance insoluble in water and organic solvents, dissolving in dilute caustic alkali solutions and being precipitated from these solutions under the form of its alkali metal salt by caustic alkali in excess.

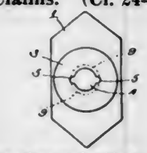
2,064,946
THERMOSTATIC REGULATOR
William H. Reynolds, Silver Spring, Md., assignor to American Instrument Company, Washington, D. C., a corporation of Delaware
Application February 12, 1935, Serial No. 6,202
16 Claims. (Cl. 200—141)

1. A mercury and glass adjustable thermostat comprising a bulb, a capillary connected with the bulb, an auxiliary reservoir connected with said capillary, a bellows device connected with the upper extremity of said capillary, a separate bellows device connected with the upper extremity of said auxiliary reservoir, an electrical contact carried by the bellows device which connects with said capillary, a valve carried by the bellows device which connects with said auxiliary reservoir, and independent means for



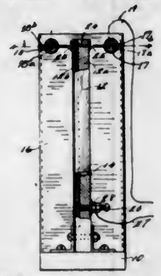
adjusting the position of each of said bellows devices.

2,064,947
SLEEVE-BUTTON OR CUFF LINK
Julio Compte y Riqué, Montevideo, Uruguay
Application March 22, 1935, Serial No. 12,410
3 Claims. (Cl. 24—107)



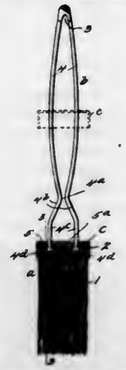
1. A separable sleeve-button, cuff-link or similar device comprising a male and female member, the male member provided with a head formed with a shank and a projection extending at right angles to the shank, the female member provided with a tube and a slotted cap thereon, the projection on the shank being adapted to pass through the slot in the cap and engage the inner face thereof upon rotation of one member relative to the other, a plug in the shank provided with a nipple extending through the end of the shank and means to maintain the nipple in extended position and maintain the members in frictional engagement when assembled.

2,064,948
HUMIDOSTAT
Even J. Rohne, Minneapolis, Minn., assignor to George G. Struthers, Minneapolis, Minn.
Application July 12, 1934, Serial No. 734,830
21 Claims. (Cl. 200—52)



1. A humidostat comprising an elongated member of wood, a waterproof covering along one side thereof, and a small metallic rod extending lengthwise of said member.

2,064,949
BRUSH
Edwin Rolker, Baltimore, Md.
Application August 17, 1934, Serial No. 740,347
Renewed May 13, 1936
2 Claims. (Cl. 15—192)

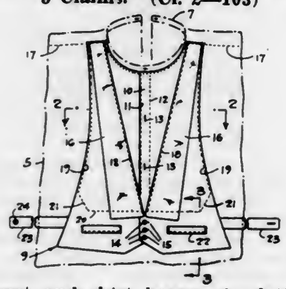


1. A brush comprising a flat oblong base of vulcanized rubber, a single tuft of bristles, substantially co-extensive with the length and width of the base, having one end embedded in said base and projecting at one side thereof, a handle projection from the opposite side of the base and comprising a wire doubled upon itself and having its ends spaced apart and embedded in the base near the ends of the latter, and a metal cap fitting closely around the edges and against the face of the base and having a longitudinal slot through which the end portions of the handle extend, the end portions of said slot fitting closely against the end portions of the handle.

2,064,950
RESINOUS CONDENSATION PRODUCT AND METHOD OF PRODUCING SAME
Israel Rosenblum, Jackson Heights, N. Y.
No Drawing. Application August 11, 1934, Serial No. 739,474
11 Claims. (Cl. 106—22)

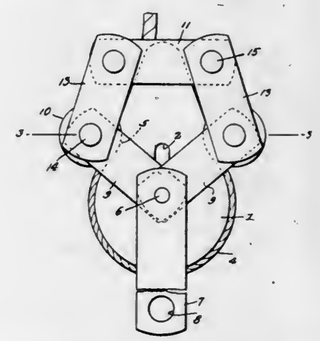
10. The method of producing complex resinous condensation products which comprises heating a polyhydric alcohol, a high molecular weight fatty acid, an inorganic acid of the group consisting of boric, telluric, phosphoric, arsenic and silicic acids, a dicarboxylic aliphatic acid, and a condensate of a phenol and an aldehyde until a homogeneous resinous material is obtained.

2,064,951
WEARING APPAREL
Joseph Buckley Russell, Los Angeles, Calif.
Application March 23, 1936, Serial No. 70,351
3 Claims. (Cl. 2—103)



1. A vest and shirt bosom simulating member adapted to be attached to a shirt body and comprising a continuous one-piece construction, means to attach the edges of the upper and breast portions of said member to said shirt body, and a horizontal line of stitching through said member and said shirt body substantially above the bottom of said member, the portion of said member below said stitching being unattached to said shirt body.

2,064,952
GUY WIRE FASTENER
Robert Schaedler, Hatfield, Pa.
Application May 15, 1936, Serial No. 80,011
1 Claim. (Cl. 24—136)

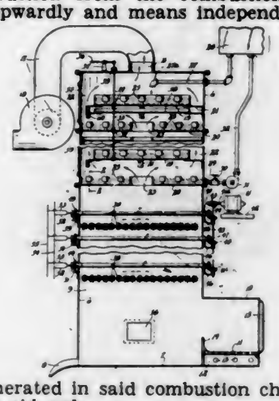


A fastener of the class described comprising a substantially ovate plate having a peripheral groove therein for the reception of a guy wire, said plate further having substantially arcuate recesses therein at an intermediate point, said plates still further having a longitudinal slot therein, a pin operable in the slot, pull bars pivotally connected to said pin, pairs of diverging links pivotally connected to the pin, grooved gripping rollers journalled between the outer end portions of said links, a pair of elongated plates extending transversely across the small end of the first named plate, rollers journalled between the end portions of the second named plates, the first and second named rollers and the first named plates being adapted to grip the guy wire therebetween, the first named rollers being engageable in the recesses, and pairs of links pivotally connected, at one end, to the end portions of the second named plates and at their other ends to the outer end portions of the first named links.

2,064,953
COMBINATION INCINERATOR AND EVAPORATOR
Ralph J. Serpas, Minneapolis, Minn.
Application July 1, 1935, Serial No. 29,302
5 Claims. (Cl. 110—7)

1. In an incinerator and evaporator having a combustion chamber, means for discharging the concentrate of the liquid being evaporated in finely divided state above the combustion chamber and means for withdrawing the gases from above said discharging means, a multiplicity of grille rods below said first mentioned means and above said combustion chamber and onto which said first mentioned means discharge and through and about which the gaseous products

of combustion from the combustion chamber travel upwardly and means independent of the



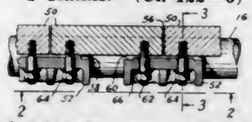
heat generated in said combustion chamber for heating said rods.

2,064,954

FLUID HEAT EXCHANGE APPARATUS

Rolfe Shellenberger, Westfield, N. J., assignor to The Babcock & Wilcox Company, Newark, N. J., a corporation of New Jersey

Application February 2, 1934, Serial No. 709,400
4 Claims. (Cl. 122—6)



1. In a slag tap furnace construction for fluid heat exchange apparatus, spaced cooling tubes, separate metallic floor blocks secured to the tubes to form a furnace surface, and clamps spaced externally of the floor blocks and extending across the blocks to the tubes and forming therewith narrow slag solidifying passages communicating with the joints between the blocks transversely related to the tubes, said clamps covering the joints between the floor blocks and said blocks and tubes forming a construction adapted to maintain a pool of molten slag in the bottom of the furnace.

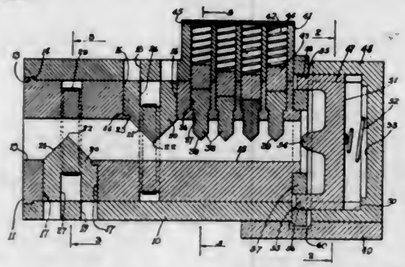
2,064,955

LOCK

Saul Singer, Joseph Silverman, and Julius H. Friedman, Ossining, and Louis Bercovitz, Dannemora, N. Y.

Application April 18, 1934, Serial No. 721,134
10 Claims. (Cl. 70—47)

1. In a combination of the type described, a substantially cylindrical housing having a cylindrical bore therethrough, said housing having two pairs of spaced apart opposed radial openings therein, a cylindrical barrel having a centrally disposed aperture therethrough rotatively disposed in the bore of said housing, a pair of retractable opposed slot guards carried by said barrel, and normally extending into the aperture therein, said slot guards being provided with integral feet adapted upon actuation of the guards to engagement with the housing at the radial holes therein, means for normally causing said guards to extend into the central aperture in said barrel, an integral extension of the main housing radially extending therefrom at one end thereof, a plurality of tumblers carried in said extension, means for resiliently normally urging said tumblers into the aperture extending through the center of the barrel, means adapted to receive said tumblers when forced out of their normal position within the barrel, a bolt actuating means secured to the end of said rotatable barrel, said last mentioned means being provided with a plurality of longitudinal orifices, an end cap for said housing, means for securing said end cap to said housing, said end cap being provided with longitudinal slots therein, a dog adapted to slide within said slots, said dog having a pair of opposed feet adapted to engagement in the longitudinal holes in the bolt actuating means, and a central integral projection thereon adapted to extend into the aperture in the barrel at one end thereof, and means between the inner surface of the cap and said dog for normally urging said dog into engagement with the bolt actuating means.



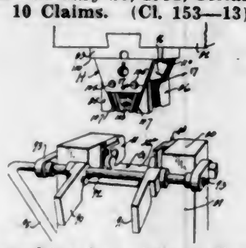
9. In a lock of the class described, a cylindrical housing, an elongated rotatable apertured member disposed within said housing, yieldable means for locking said member against rotation normally extending from said elongated member into the aperture thereof, a pair of spaced, opposed guard tumblers normally in unlocking position carried by said rotatable member and movable in the same plane as said yieldable means, annular springs engaging said tumblers and urging same inwardly, the inner terminals of each of said guard tumblers normally lying in the aperture in the rotatable member at a point beyond one-half the depth thereof.

2,064,956

APPARATUS FOR PRODUCING AN IMPROVED FORGED STEEL TRACTOR SHOE

Eldred J. Strong, Harrisburg, Pa., assignor to Harrisburg Steel Corporation, a corporation of Pennsylvania

Application February 28, 1931, Serial No. 519,122
10 Claims. (Cl. 153—13)



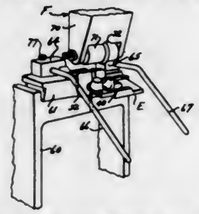
1. In a machine for substantially the purpose described the combination of a bed having relatively spaced facing side walls adapted to receive thereagainst an article to be sized, a movable platen above the bed having a depending wedge block, complemental die parts movably carried by the wedge block in a position to be lowered between the spaced walls of the bed, means to limit the lowered movement of the complemental die parts as they are lowered upon the bed to permit their lateral wedging movement toward the side walls of the bed upon further lowering of the wedging block, and filler pieces movably carried by the bed in cooperative filler association with the article to be straightened between the walls of the stationary bed and said complemental die pieces.

2,064,957

METHOD AND APPARATUS FOR PRODUCING AN IMPROVED FORGED STEEL TRACTOR SHOE

Eldred J. Strong, Harrisburg, Pa., assignor to Harrisburg Steel Corporation, Harrisburg, Pa., a corporation

Original application February 28, 1931, Serial No. 519,122. Divided and this application April 9, 1936, Serial No. 73,542
12 Claims. (Cl. 29—148.3)



9. The method of producing a forged steel track shoe which consists in forming a drop forging having an arched body portion with outstanding track flanges along the opposite marginal portions thereof, subsequently bending the arched body portion into a substantially flattened condition by rectilinear movement of the bending member in bending engagement across the said body portion in a line extending from one track flange to the other track flange, and subsequently sizing and shaping said body portion and the track flanges into permanent relation with respect to each other.

12. In a machine for shaping tractor shoes which are initially formed to provide a U-shaped body having outstanding track rails thereon, the combination of a supporting bed, means to clamp one of the rails of the track shoe on the bed in a releasable relation with the U-shaped body and the other rail in outstanding relation with respect to said bed, a movable platen, and means on the movable platen to engage and move along the U-shaped body portion in a path extending transverse to and between the rails for flattening the body and moving said rails into substantial parallelism.

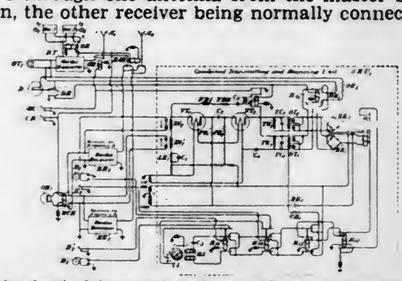
2,064,958

SIGNALING SYSTEM FOR RADIO-TELEPHONES

Edmund R. Taylor, Mount Vernon, Charles C. Taylor, Flushing, and Paul W. Wadsworth, Elmhurst, N. Y.; said Wadsworth assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York, and said Edmund R. Taylor and Charles C. Taylor assignors to American Telephone and Telegraph Company, a corporation of New York

Application May 26, 1934, Serial No. 727,800
4 Claims. (Cl. 250—6)

3. In a signal transmission system, a master station comprising a radio transmitter and a radio receiver, a plurality of associated stations each comprising two antennas, two radio receivers and a radio transmitter, one receiver being normally connected and adapted to receive signals through one antenna from the master station, the other receiver being normally connected



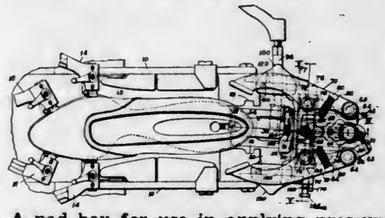
and adapted to receive signals through the other antenna from other associated stations, and means under the control of an operator at an associated station to change these connections for signaling between such associated station and the master station or another associated station and for talking with either such station.

2,064,959

MECHANISM FOR USE IN APPLYING PRESSURE TO SHOE BOTTOMS

William D. Thomas, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application August 7, 1935, Serial No. 35,117
19 Claims. (Cl. 12—33)



1. A pad box for use in applying pressure to shoe bottoms having, in combination, a pad for receiving a shoe sole, means pivoted for adjustment laterally of the pad for engaging the heel portion of a sole placed on the pad and locating said portion within predetermined narrow limits transversely of the pad, said means being normally fixed in adjusted position, means for positioning the forepart of a shoe relatively to the forepart of the sole, and means for swinging said sole locating means transversely of the pad without regard to said limits to position the heel portion of the sole relatively to the heel portion of the shoe.

2,064,960

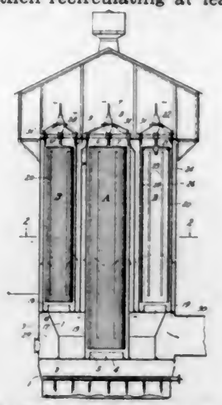
METHOD OF AND APPARATUS FOR CLEANING GASES

Charles Brooks Thorne, Shaker Heights, Ohio; Estelle T. Thorne administratrix of said Charles B. Thorne, deceased

Application March 5, 1932, Serial No. 596,943
21 Claims. (Cl. 183—7)

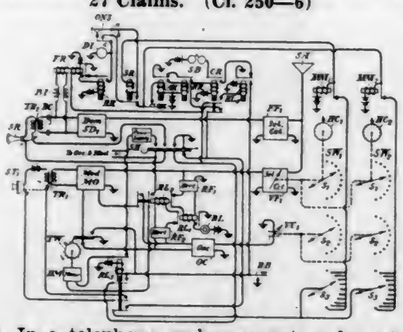
1. The method of removing finely divided foreign material from a gas which includes the steps of moving the gas toward a positively charged collecting electrode within a space defined by a corona discharge, abruptly changing the direction of movement and reducing the velocity of

the gas, passing the gas through the corona discharge and then recirculating at least a portion



of the gas which has passed through the corona discharge back into the untreated gas moving toward said collecting electrode.

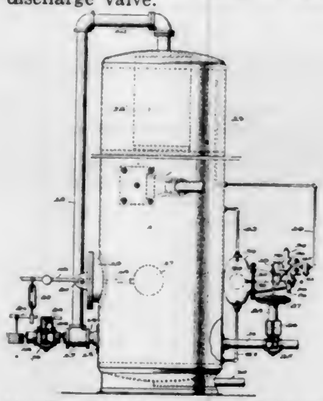
2,064,961
COMMON MEDIUM MULTICHANNEL EXCHANGE SYSTEM
Warren Hitchcock Tidd, White Plains, N. Y., assignor to American Telephone and Telegraph Company, a corporation of New York
Application May 26, 1934, Serial No. 727,798
27 Claims. (Cl. 250—6)



1. In a telephone exchange system for establishing a plurality of simultaneous telephone connections between any one and any other of a plurality of stations taken in pairs over a common transmission medium, means for assigning to each station a fixed band on which it invariably receives, said band being different from those of other stations, means at each station as a called station whereby it may be adjusted in response to a signal to transmit on the frequency band corresponding to that signal, and means at each calling station to send the signal for the frequency band on which it is prepared to receive.

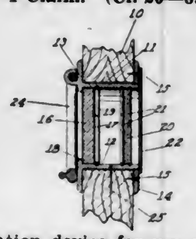
2,064,962
OIL AND GAS SEPARATOR
Millard F. Waters, Tulsa, Okla., assignor to Hanlon-Waters, Inc., Tulsa, Okla.
Application August 7, 1935, Serial No. 35,215
10 Claims. (Cl. 183—2.7)

1. In an oil and gas separator having an oil discharge valve and a gas discharge valve, a float in said tank for operating one of said valves in one direction, a float and float cage in communication with said tank and operable simultaneously with said first named float, a pilot valve actuated by said second float, and a fluid pressure actuated element controlled by said pilot valve for operating the other of said discharge valves in the opposite direction synchronously with the operation of said first named discharge valve.



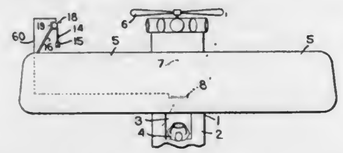
5. In an oil and gas separator, a fluid discharge valve, fluid pressure actuated means for operating said valve, a pilot valve for controlling the fluid pressure to said operating means, an eccentrically mounted cam member engageable with the movable member of said pilot valve for operating the latter, a float responsive to the rise and fall of the liquid level in said separator for operating said cam, and means for adjusting the axis of said cam to regulate the engagement of the latter with the movable member of said pilot valve.

2,064,963
OBSERVATION DEVICE
Charles E. Wheeler, Chicago, Ill.
Application December 6, 1934, Serial No. 756,215
1 Claim. (Cl. 20—39)



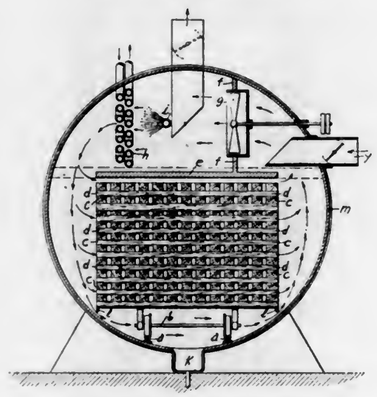
An observation device for use on doors or the like of rooms, apartments and houses comprising, in combination, a tubular member mounted in an aperture formed in the door and having integral therewith at its outer end an annular flange extending radially outwardly to form a plate concealing the edge of the aperture and extending radially inwardly to form a shoulder, the other end of the tubular member being threaded, an annular plate secured onto the threaded end of the tubular member to secure the same in the aperture and conceal the edge of the aperture, a lens permitting sight from a dark to a lighter space only positioned in the tubular member at its outer end, a ring adapted to be received in said member for retaining said lens in position against the shoulder, a disk of colored glass mounted in the tubular member near its inner end to provide a dark space on the inner side of said lens, and a pair of rings mounted on opposite sides of the last mentioned disk to secure the same in position.

2,064,964
BOMB SIGHT FOR DIVE BOMBING
Henry W. Wickes, Winthrop, Mass.
Application May 21, 1935, Serial No. 22,666
9 Claims. (Cl. 177—351)



1. A sighting device for airplanes for use in dive bombing comprising a direction-indicating member and means for mounting it on the airplane in a position in which it is not appreciably influenced by the air turbulence caused by the propellers or structural parts of the plane and so that it is free to have a limited turning movement in any direction whereby during the flight of the plane said indicator points in the direction in which the plane is moving relative to the surrounding air.

2,064,965
METHOD AND MEANS FOR TREATING WOOD
Heinrich Ernst Will, Remscheid-Vieringhausen, Germany, assignor of one-half to David Dominicus, Remscheid-Vieringhausen, Germany
Application December 14, 1932, Serial No. 647,287
In Germany December 14, 1931
6 Claims. (Cl. 21—10)



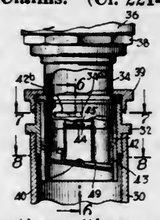
1. A method of treating wood, comprising the steps of ripening, drying and aging a wooden article, impregnating said article by placing it in the path of a gas mixture containing a superheated vapor of an impregnating substance, said vapor having a velocity of a plurality of meters per second and gradually increasing the temperature of the vapor during the last-mentioned step.

2,064,966
WELL PUMPING AND FLOWING MECHANISM
Roy C. Williamson, Fort Worth, Tex.
Application June 24, 1935, Serial No. 28,077
6 Claims. (Cl. 103—233)



1. A well pumping and flowing mechanism comprising a delivery pipe, a plurality of valves disposed at various elevations in said pipe and adapted to intermittently retain a column of fluid in said pipe and to admit pressure from said well into said column of fluid for lifting the same, and means for directing said pressure against the inner sides of said delivery pipe so that same will be uniformly distributed in said fluid as it lifts the same.

2,064,967
COMBINATION INFLOW CONTROL AND FLUID DISCHARGE MEANS
Marvin S. Young, Scarsdale, N. Y., assignor to The Gas and Oil Lock Corporation, New York, N. Y., a corporation of New York
Application September 23, 1932, Serial No. 634,498
In Canada September 23, 1931
11 Claims. (Cl. 221—28)

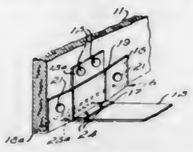


7. In combination with a receptacle, a fluid receiving conduit adapted to receive liquids from a fluid discharge conduit having a key nozzle thereon, and an inflow control head on said fluid receiving conduit, said control head comprising a valve pivoted within said conduit, a rotatable sleeve having means to hold said valve in closed position across the conduit and means to move the same positively to an open position allowing communication with the receptacle when the sleeve is rotated, and releasable means normally locking said sleeve in valve closing position but movable by said key nozzle to allow rotation of the sleeve.

2,064,968
FURNITURE
Harry E. Aulsbrook, Detroit, Mich.
Application January 26, 1935, Serial No. 3,568
7 Claims. (Cl. 155—179)

5. In combination with a spring encompassing frame, a metal strap for interconnecting oppo-

site sides of said frame, one end of said strap being angularly bent with respect to the general plane thereof and positioned with the outer face thereof in contacting relation with respect to an inner face of said frame, securing means extend-



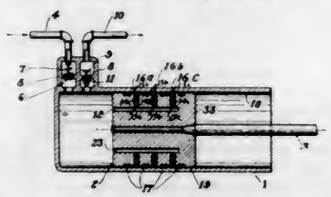
ing through said end and into said frame, and a bracket having a part engaging over said strap and against said bent end and having a part contacting the bottom face of said frame, and securing means extending through said latter part and into said bottom face of said frame.

2,064,969

APPARATUS AND METHOD OF DISTRIBUTING PRESSURE DIFFERENTIAL ACROSS PISTON RINGS OR PACKINGS

Richard H. Carr, Evanston, Ill., and Laurence A. Ogden, Tulsa, Okla., assignors to The Pure Oil Company, Chicago, Ill., a corporation of Ohio

Application May 31, 1934, Serial No. 728,294
15 Claims. (Cl. 309—31)



1. Apparatus of the character described comprising a cylinder, a piston slidably mounted therein, a plurality of spaced rings or packing members on said piston, valve controlled means to admit fluid under regulated pressure to the spaces between said rings or packing members and to maintain gradually diminishing pressures in said spaces in the direction remote from the compression side of the piston, and means for releasing pressure in said spaces during the return stroke of the piston.

2,064,970

WING STRUCTURE FOR AIRCRAFT

Claude Dornier, Friedrichshafen-on-the-Bodensee, Germany, assignor to Dornier-Metallbauten G. m. b. H., Friedrichshafen-on-the-Bodensee, Germany

Application July 27, 1933, Serial No. 682,399
In Germany September 9, 1932
4 Claims. (Cl. 244—42)



1. A wing structure for aircraft comprising a main wing portion, a lift-increasing flap constituting a continuation of the upper and lower surfaces of said main wing portion and hinged to the rear edge thereof about an axis within the contour of the wing for downward swinging to increase the lift, and a non-floating aileron of small chord relative to the flap pivotally mounted above the wing to prevent a break in the flow of air over the upper surface of the wing when the flap is swung downwardly to operative position, the pivotal axis of said aileron being approximately one aileron chord ahead of the pivotal axis of the flap and between one and two aileron chords above the pivotal axis of the flap.

2,064,971

HEATING UNIT AND THE PRODUCTION THEREOF

Thomas A. Edison, Jr., Orange, N. J., assignor to Thomas A. Edison, Incorporated, West Orange, N. J., a corporation of New Jersey

Application January 13, 1932, Serial No. 586,335
15 Claims. (Cl. 201—64)



9. The method of producing a heating unit which consists in placing a preformed sheet of yieldable insulating material contiguous to a heating element, forcing said heating element into said insulating sheet under a comparatively low pressure, then placing a second preformed and yieldable insulating sheet contiguous to said heating element and forcing said preformed insulating sheets into cohering engagement by applying a comparatively high pressure.

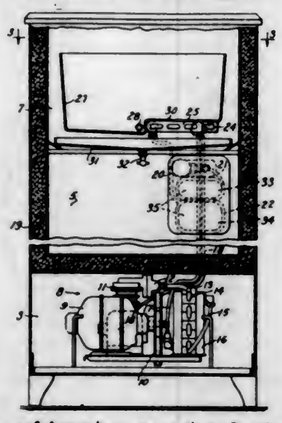
14. A heating unit comprising a sheet of electrical insulating material and a heating element, said element being distorted to form a projecting portion embedded in said sheet for maintaining said sheet and element in fixed relationship.

2,064,972

REFRIGERATOR

Earl E. Eickmeyer, Dayton, Ohio, assignor to The Dayton Pump & Manufacturing Co., Dayton, Ohio, a corporation of Ohio

Application July 19, 1934, Serial No. 736,103
4 Claims. (Cl. 62—116)



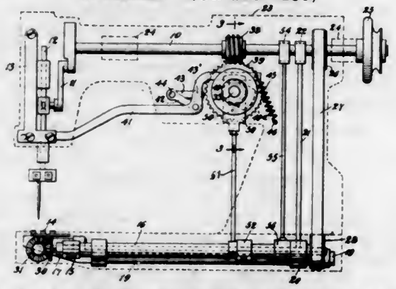
1. In a refrigerator, a casing having a plurality of compartments and doors leading to said compartments, one of said doors having a container attached thereto and movable therewith whereby said container moves outward when said door is opened and inward when said door is closed, said container having a pocket adapted to receive its refrigerating unit when its door is closed.

2,064,973

SEWING MACHINE

Aaron Gallens, New York, N. Y., assignor to Bunin, Gallens & Co., Inc., New York, N. Y., a corporation of New York

Application February 6, 1936, Serial No. 62,559
3 Claims. (Cl. 112—168)



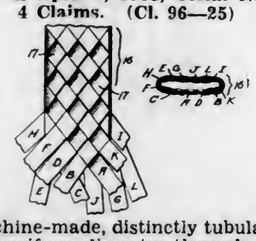
1. In a sewing machine having a laterally extending drive shaft provided with a crank reciprocating a needle bar in a laterally vibratory frame, a longitudinally reciprocatory cloth feeder supported by a crank on a pivotal shaft capable of simultaneously raising and lowering the cloth feeder during the reciprocation thereof, and a crank for reciprocating said cloth feeder mounted on a pivotal bar equipped with another crank moved by a pitman connected with a cam to said drive shaft, the combination of a cam on said drive shaft continually operating a pitman connected with a crank releasably mounted on said pivotal shaft, an auxiliary shaft, a gear reduction between said auxiliary shaft and said drive shaft, means including a cam on said auxiliary shaft for holding said vibratory frame in one lateral position for a pre-determined number of cycles of said needle bar and in another lateral position for another pre-determined number of cycles of said needle bar, another cam on said auxiliary shaft, a pitman periodically moved by said latter cam, and a crank connected with said pitman and releasably connected with said pivotal shaft whereby one of said releasably mounted cranks may be fixed on said pivotal shaft for causing the sewing machine to sew with one type of stitch, and then in succession said fixed crank may be released and said other crank fixed on said pivotal shaft for causing the sewing machine to sew with another type of stitch.

2,064,974

MACHINE-MADE TUBULAR BRAID AND PROCESS OF MAKING SAME

Roger W. Hale, Rumford, R. I.

Application April 1, 1936, Serial No. 72,069
4 Claims. (Cl. 96—25)



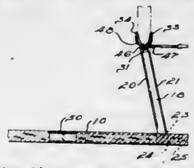
1. A machine-made, distinctly tubular braid of essentially uniform diameter throughout as contrasted with an essentially solid braid, and of the minimum diameter as a tube obtainable from the act of tightly braiding into substantially tubular form the series of strands composing the braid, without deformation or displacement of said strands, and which distinctly tubular braid is unitarily made of great and unlimited length, and substantially the entire surface whereof is visible and fully exposed in its ultimate form as an ornamental article of manufacture, the said distinctly tubular braid being composed of a series of parallel sided strands, eight or more in number, each strand being of greater width than thickness and each strand throughout the entire braid having the same face always outermost, and the edges each strand being at all portions thereof in the completed tubular braid undeflected and undisplaced from a truly flat condition by any strand contacting therewith, all of said strands being tightly braided throughout under uniform and equal tension into distinctly tubular form, so that in each unit of length throughout the braid there is substantially an equal number of exposed diamond shaped or facet areas of each strand whereof the corresponding angles of the diamond or facet are uniform throughout the braid, the said machine-made tubular braid having its axial opening of marked diameter, being in diameter at least substantially twice the width of any one of the strands of which the braid is composed.

2,064,975

CAR LOADING DEVICE

William E. Hann, Detroit, Mich., assignor to The Worth Company, a corporation of Michigan

Application May 27, 1933, Serial No. 673,142
6 Claims. (Cl. 105—368)



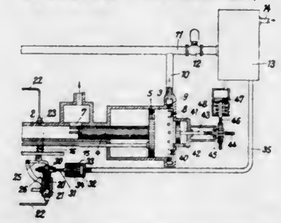
1. In combination with a freight car or the like, means movably connected to the car for supporting a part of an automobile in elevated position, and means separably and operatively connected to the first means for preventing movement of the latter when in operative position said second means being directly engaged by the automobile for positively preventing separation of the second means when the automobile is in its supported position.

2,064,976

REGULATION OF FREE-PISTON MOTOR COMPRESSORS

Hermann Jänicke, Dessau, Germany, assignor to Therese Junkers, Gauting, near Munich, Germany

Application February 23, 1935, Serial No. 7,786
In Germany March 9, 1934
10 Claims. (Cl. 230—56)



1. A free piston motor compressor comprising in combination a motor cylinder and at least one

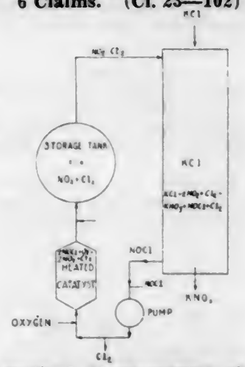
compressor cylinder arranged on either side thereof, and at least one buffer cylinder and a member adapted to regulate both the variation of volume of the clearance in said compressor cylinders and said buffer cylinder and the fuel supply to said motor cylinder.

2,064,977
FOUNDATION GIRDLE
Leon Kahn, Brooklyn, N. Y.
Application August 5, 1936, Serial No. 94,327
3 Claims. (Cl. 2—43)



1. A girdle of the kind described embodying an elastic body having at its upper end a downwardly foldable waist extension which provides a vertically adjustable reinforcing portion, and adjustable connecting members between the said reinforcing portion and the lower part of the said body, whereby the effective depth of the inner fold and the vertical length of the garment can be varied at will.

2,064,978
RECOVERING NITROGEN FROM NITROSYL CHLORIDE
Oskar Kaselitz, Berlin, Germany
Application July 15, 1933, Serial No. 680,662
In Germany November 12, 1932
6 Claims. (Cl. 23—102)

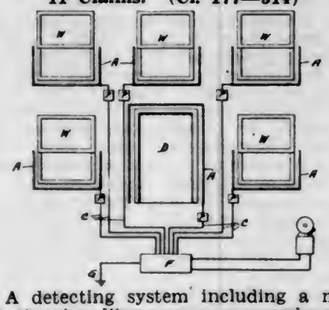


1. The method of recovering the combined nitrogen from nitrosyl chloride comprising acting on the nitrosyl chloride with oxygen to convert it into NO_2 and Cl_2 reacting the mixture of NO_2 and Cl with a solid alkali metal chloride and drawing off the Cl_2 formed from the nitrate formed.

2,064,979
PRODUCTION OF ALKALI ORTHO-PHOSPHATES
Oskar Kaselitz, Berlin, Germany
No Drawing. Application January 21, 1935, Serial No. 2,794. In Germany December 9, 1933
7 Claims. (Cl. 23—107)

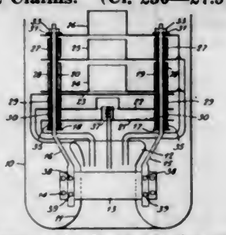
1. The process of converting phosphates selected from the group consisting of alkali metal metaphosphates and pyrophosphates into orthophosphates comprising bringing the starting products at a temperature above about 250° C. into contact with water.

2,064,980
DETECTING SYSTEM
Frederick G. Kelly, New Haven, Conn., assignor to American Teletector Corporation, New Haven, Conn., a corporation of Connecticut
Application May 15, 1935, Serial No. 21,525
11 Claims. (Cl. 177—314)



10. A detecting system including a normally inoperative signalling means, means whereby such signalling may be actuated, means providing an electrical field for and connected to said last named means to cause a functioning thereof in response to a disturbance of such field, and means for maintaining such signal means in inoperative condition in the event of a disturbance in such electrical field occurring at or above a pre-determined rate.

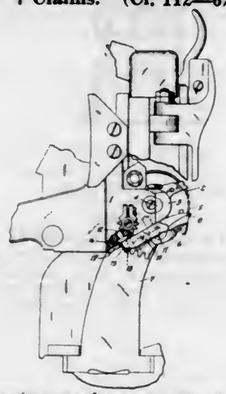
2,064,981
BRAUN TUBE FOR TELEVISION RECEIVER APPARATUS
Max Knoll, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application March 6, 1934, Serial No. 714,263
In Germany March 13, 1933
2 Claims. (Cl. 250—27.5)



1. A Braun cathode-ray tube comprising a plurality of vertically disposed support rods, a cylindrical indirectly-heated cathode disposed with its axis in parallel relation to the support rods and having a laterally-extending flange in engagement with each of said support rods, a

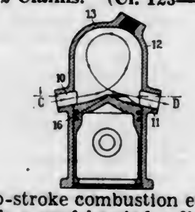
plurality of cooperating electrodes mounted above said cathode in spaced axial alignment and having laterally-extending flanges for engagement with the same support rods, and means carried by said support rods and interposed between the flanges of successive electrodes for insulating the several electrodes from each other and maintaining them in fixed spaced relation.

2,064,982
SEWING MACHINE
Harry W. Krag, St. Louis, Mo., assignor to American Shoe Machinery and Tool Company, St. Louis, Mo., a corporation of Missouri
Application May 27, 1936, Serial No. 82,000
7 Claims. (Cl. 112—62)



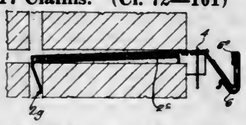
1. In a sewing machine, a curved awl, a curved needle of greater thickness than said awl, and a work support having a slot through which said awl and said needle operate, the portion of the edge of said slot opposite the convexly curved surface of said needle being offset with respect to the remaining portion of said edge to provide substantially the same working clearance between said needle and said edge as the working clearance between said awl and said edge.

2,064,983
TWO STROKE PISTON-CONTROLLED ENGINE
Alfred Lesage, Schweinfurt, Germany
Original application June 8, 1934, Serial No. 729,550, now Patent No. 2,046,392. Divided and this application October 23, 1935, Serial No. 46,418. In Germany June 16, 1933
2 Claims. (Cl. 123—65)



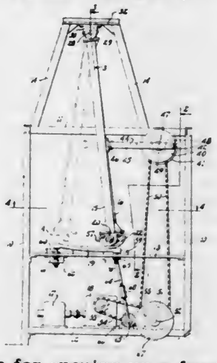
1. In a two-stroke combustion engine, the combination with a roof-headed cylinder, of an inlet passage on one side of the cylinder and an outlet passage formed on the opposite side of the cylinder in staggered relation to the inlet passage, the axes of said passages being disposed in substantially parallel planes and directed towards the head of the cylinder, a piston working in said cylinder, and roof-shaped guides formed on said piston and disposed transversely of said passages when the piston is at the end of the expansion stroke, the ridge of said roof-shaped piston head being disposed in acute angles with respect to the axis of the inlet passage.

2,064,984
WALL BRACKET
Reginald E. Marsh, Bronxville, N. Y., assignor to Simplon Products Corporation, a corporation of New York
Application April 13, 1933, Serial No. 665,910
17 Claims. (Cl. 72—101)



7. A wall bracket comprising a metal case forming a socket and adapted to be embedded in a wall and form an anchor for the bracket, a series of spaced limiting projections within the casing, a metal strip forming a holder and including a section for engaging an object to be supported by the bracket, a section adapted to extend into the case, and a projection extending from said latter section and adapted to engage the projections within the case.

2,064,985
TREATING RAYON
Thomas McConnell, Northampton, Mass., assignor to Hampton Company, Easthampton, Mass., a corporation of Massachusetts
Application April 2, 1935, Serial No. 14,260
9 Claims. (Cl. 18—?)

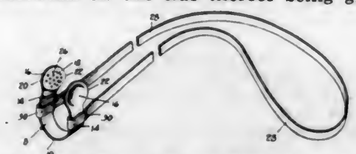


3. A machine for opening up a frustro-conical annular rayon filament cake which comprises rolling members at least one of which is in conical form, means for causing pressure between the members, means for causing relative rolling movement between the members, and means for varying the relative angular position of the members during the rolling movement to cause the rolling pressure to progress substantially circumferentially around the cake.

2,064,986
NOSE CLIP
David Mezz, Brooklyn, N. Y.
Application February 6, 1936, Serial No. 62,590
2 Claims. (Cl. 128—346)

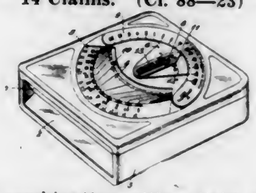
1. A device for closing the nostrils by compressing the nostril sides against the intermedi-

ate septum comprising a substantially U-shaped member formed of a single flat strip of spring material having enlarged extensions at the ends thereof and integral therewith forming plates, said plates being relatively biased, the distance therebetween on one side thereof being greater



than at the other the surfaces of which are bowed so that said plates are relatively convex, said arms and the extensions therefrom being slightly inclined to each other, the entire device being covered with a layer of resilient material, whereby the spring material will not come into direct contact with the nose.

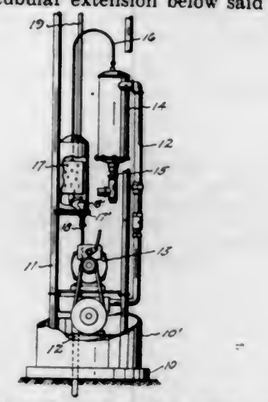
2,064,987
PHOTOMETER
Ernst Reinhold, Leipzig, Germany, and Joseph M. Bing, New York, N. Y., assignors to Photo Marketing Corporation, New York, N. Y., a corporation of New York
Application October 28, 1935, Serial No. 47,024
In Germany December 22, 1934
14 Claims. (Cl. 88—23)



13. The combination with a light meter comprising a photoelectric element having an extended light sensitive surface, and an electric measuring instrument connected thereto, of means for limiting the light affecting said photoelectric element to rays falling within predetermined angular limits relative to the main measuring direction of said meter, said means comprising a light reflecting element having an extended reflecting surface, said photoelectric element and said light reflecting element being angularly arranged relatively so that both face in the main measuring direction and enclose an angle less than 180° whereby substantially only light falling within said angular limits is impinged upon said light sensitive surface partly directly and partly indirectly from said reflecting element.

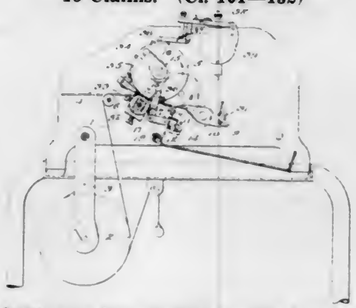
2,064,988
AIR ELIMINATOR
Ross Eugene Risser, Bonham, Tex.
Application November 15, 1934, Serial No. 753,127
3 Claims. (Cl. 183—2.5)

2. An air eliminator including, a receiving and separating tank having means for admitting and directing an air and liquid influent tangentially circumferentially within the upper end of said tank, a vent pipe extending from the top of said tank, a trap separated from the tank and connected with said vent pipe for receiving air and gaseous fluids from the tank, a drain pipe extending from the bottom of said trap, a central discharge pipe leading from the bottom of the tank, a tubular open-ended upward extension of said pipe within the tank, having lateral openings, an external hooded annular baffle on said tubular extension above said lateral openings, an internal annular seat in said tubular extension below said lateral



openings, and a float actuated valve on said internal annular seat controlling the discharge of liquid into said discharge pipe.

2,064,989
DUPLICATING APPARATUS
Wilhelm Ritzerfeld, Berlin, Germany
Application September 6, 1935, Serial No. 39,378
In Germany September 7, 1934
16 Claims. (Cl. 101—132)

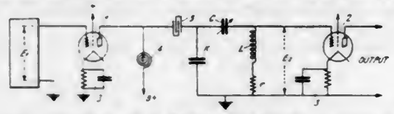


1. Apparatus for printing records from a copyable mirror-script original onto a continuous paper strip previously moistened with a rapidly volatilizing solvent comprising a printing drum bearing copyable mirror-script original, a counter pressure roller co-operating with said drum, means for passing a continuous paper strip, moistened with a rapidly volatilizing solvent between said drum and said roller, at least one knife rotatably arranged on an axis, a displaceable stationary knife cooperating therewith and arranged adjustably and swingably in the machine frame for cutting said continuous strip of paper into adjustable lengths, and means for intermittently displacing said stationary knife from an operative into an inoperative position to vary the cutting length.

2,064,990
CAPACITY COUPLED CONSTANT AMPLIFICATION CIRCUITS
Walter van B. Roberts, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application October 31, 1932, Serial No. 640,397
10 Claims. (Cl. 250—20)

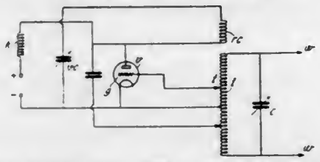
1. In combination, an amplifier tube provided with an output circuit, a succeeding resonant

circuit adapted to be tuned throughout a predetermined frequency range, means for coupling the output circuit of said tube to said resonant



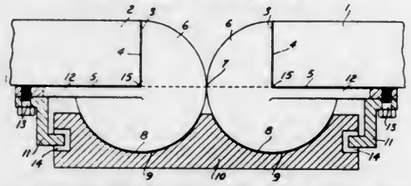
circuit comprising a fixed condenser common to said two circuits, and means independent of the coupling means for controlling the total effective resistance of said resonant circuit.

2,064,991
HIGH FREQUENCY AMPLIFYING SYSTEM
Henry Joseph Round, London, and Philip Keston Turner, Berkshire, England, assignors to Radio Corporation of America, a corporation of Delaware
Application June 9, 1931, Serial No. 543,140
In Great Britain June 12, 1930
3 Claims. (Cl. 250—27)



1. In combination with a high frequency resonant circuit including an inductance coil, a tube having its input electrodes connected across a portion of said coil, a source of anode potential for the tube, a path between the anode of the tube and its cathode including a coil and a variable condenser, said coils being coupled, connections for connecting said circuit to the input of a detector and a capacitative neutralizing path connected between the anode and resonant circuit.

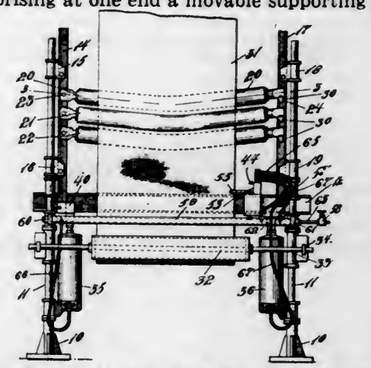
2,064,992
ARTICULATED CAR
Theodore H. Schoepf and David M. Ritchie, Cincinnati, Ohio, assignors to The Cincinnati Traction Building Co., Cincinnati, Ohio, a corporation of Ohio
Application March 13, 1935, Serial No. 10,802
3 Claims. (Cl. 105—4)



1. In combination, a center plate having adjacent semi-circular depressions, adjacent car platforms having partial spherical ends constituting arcuate engaging thrust members, and depending arcuate trunnions extending from the platforms for engagement with the semi-circular depressions in said center plate.

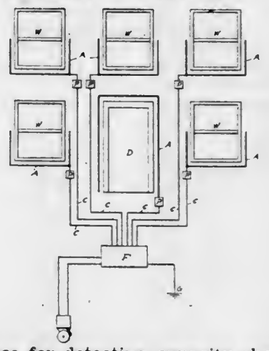
2,064,993
EXPANDING AND GUIDING APPARATUS
Paul A. Sperry, New Haven, Conn.
Application October 18, 1934, Serial No. 748,821
1 Claim. (Cl. 26—63)

In an apparatus for handling webs of material, a plurality of bars for contacting the web of material for expanding the same, and means for moving all of said bars for guiding the direction of travel of said web of material, said means comprising at one end a movable supporting post



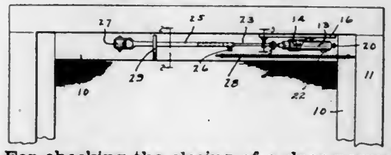
to which all of said bars are pivoted, and a movable supporting post at the other end provided with projections on which the other ends of said bars rest for sliding movement thereon.

2,064,994
ALARM SYSTEM
Eugene D. Stirlen and Frederick G. Kelly, New Haven, Conn., assignors to American Teletector Corporation, New Haven, Conn., a corporation of Connecticut
Application December 28, 1933, Serial No. 704,214
11 Claims. (Cl. 177—314)



3. A device for detecting capacity changes including, in combination, a constant frequency output oscillator, a circuit including an antenna connected to and energized by said oscillator, and means to indicate rate of change of voltage across a portion of said circuit.

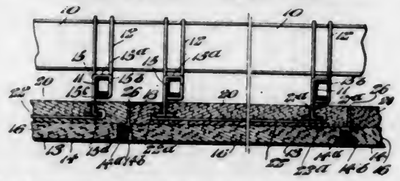
2,064,995
DOOR CHECK
Ernest Van Arsdel, Indianapolis, Ind.
Application October 11, 1935, Serial No. 44,497
3 Claims. (Cl. 16—84)



1. For checking the closing of a door normally closed by a spring, a rockable lever in the path of

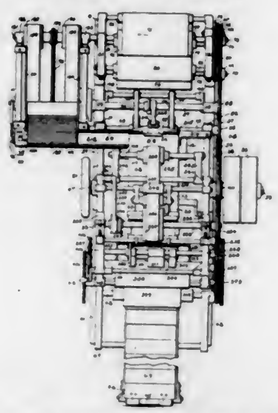
the door, means yieldingly resisting rocking of the lever in a closing door direction, and means carrying the lever through an initial predetermined length only of the door opening travel, said resisting means comprising a cylinder and a piston in the cylinder connecting with said lever, said lever being adjustable as to length whereby the effective lever length may be varied to meet varying door conditions.

2,064,996
CEILING CONSTRUCTION
Frederick M. Venzie, Philadelphia, Pa., assignor to National Gypsum Company, Buffalo, N. Y., a corporation of Delaware
Application August 14, 1933, Serial No. 684,964
15 Claims. (Cl. 72—68)



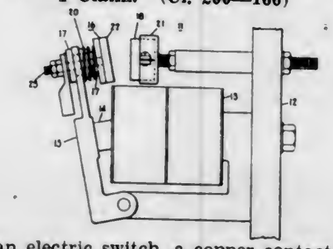
4. A ceiling comprising a plurality of surfacing units each having a metal surface and a cementitious body; slots in said body; supporting means; and means, by engaging the edges of the slots and said support, for suspending said units from said support.

2,064,997
ENVELOPING MACHINE
Matthew Vierengel, Brooklyn, N. Y., assignor to M. Vierengel Machine Co. Inc., Brooklyn, N. Y., a corporation of New York
Application July 10, 1931, Serial No. 549,813
37 Claims. (Cl. 93—3)



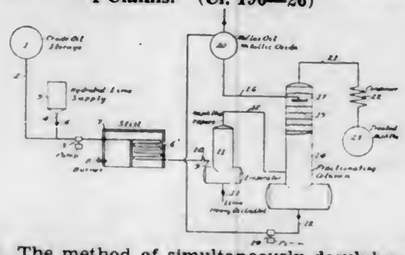
1. Enveloping means for flat objects, comprising a plate supporting said objects positioned on envelope blanks the flaps of which extend beyond the sides of said objects, said supporting plate being expansible length- and crosswise so that the edges thereof may be adjusted to register with the sides of various sizes of said objects, folding devices surrounding said supporting plate below said flaps, and means extending said folding devices over said objects, so that said flaps are folded onto said objects.

2,064,998
SWITCH CONTACT
Raymond Alonzo Waite, Yonkers, N. Y., assignor to Otis Elevator Company, New York, N. Y., a corporation of New Jersey
Application August 27, 1935, Serial No. 38,011
1 Claim. (Cl. 200—166)



In an electric switch, a copper contact with a cadmium insert embedded therein, said insert covering a portion of the contacting face of said contact and being flush with said face, and a carbon contact impregnated with cadmium for cooperating with said copper contact.

2,064,999
PROCESS FOR DESULPHURIZING AND TREATING NAPHTHAS
Cornelius B. Watson, Chicago, Ill., assignor to The Pure Oil Company, Chicago, Ill., a corporation of Ohio
Application May 25, 1932, Serial No. 613,485
4 Claims. (Cl. 196—26)

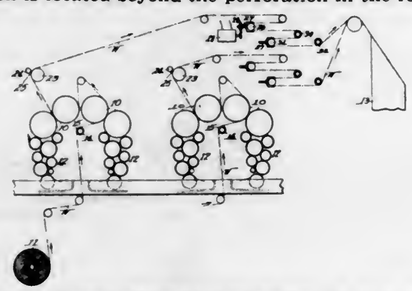


1. The method of simultaneously desulphurizing and fractionating petroleum oils containing hydrogen sulphide and mercaptans which consists in mixing lime with said oil, heating the mixture in a restricted stream to a temperature above vaporizing temperature of the light fractions present in said oil, maintaining the lime in contact with the oil for a period of time sufficient to react with substantially all the hydrogen sulphide present in said oil, vaporizing the light fractions of said oil and subjecting the vapors to fractionation, contacting the vapors in the fractionating zone with a counter-current stream of metallic oxide suspended in heavy reflux oil, said oxide being capable of removing mercaptans present in said vapors, removing purified vapors from the top of said fractionating zone and condensing them, recirculating suspended oxide from the bottom to the top of said fractionating zone, and separately withdrawing unvaporized residue, admixed with spent lime, from the system.

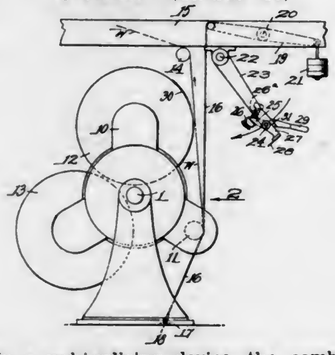
2,065,000
WEB REGISTERING DEVICE
Henry A. Wise Wood, New York, N. Y., assignor to Wood Newspaper Machinery Corporation, New York, N. Y., a corporation of Virginia
Application February 28, 1931, Serial No. 519,176
3 Claims. (Cl. 271—2.6)

1. In an end registering device, the combination of a forward and a rear hollow registering

roll spaced apart, each having a perforation, the interior of said rolls being adapted to be exhausted, for carrying a web having perforations at intervals just far enough apart so that when the web is in proper register a forward perforation is located beyond the perforation in the forward roll and rearward perforation in the web is located just back of the perforation in the rearward roll, means for adjusting the length of the web between said rolls, and means whereby the web will be shifted forward or back if either of said perforations in the web comes into registration with a perforation in one of the rolls.



2,065,001
WEB SPLICING DEVICE
Henry A. Wise Wood, New York, N. Y., assignor to Wood Newspaper Machinery Corporation, New York, N. Y., a corporation of Virginia
Application August 29, 1932, Serial No. 630,972
Renewed May 6, 1935
6 Claims. (Cl. 242—58)



2. In a web splicing device, the combination of a swinging frame, a shaft on the frame, a handle on the frame for swinging it manually, a series of brushes fixed on the shaft, and a series of severing knives also fixed to said shaft, said handle, brushes and knives being spaced from each other about the shaft in such positions that when the handle is turned it will first move the brushes into contact with the web and thereafter bring the knives into contact with the web for severing it.

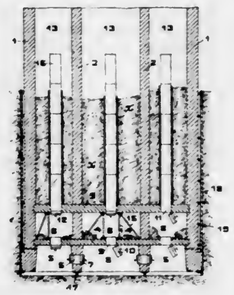
2,065,002
STEREOTYPE PLATE CLAMPING MEANS
Henry A. Wise Wood, New York, N. Y., assignor to Wood Newspaper Machinery Corporation, New York, N. Y., a corporation of Virginia
Application December 21, 1932, Serial No. 648,176
Renewed February 6, 1935
4 Claims. (Cl. 101—378)

1. In a device for clamping a printing plate on a printing cylinder, the combination of a longitudinally movable end clamp for engaging the outer edge of the plate to clamp it, yielding means for normally holding the end clamp in clamping



position, means for clamping the plate on its under side between the edges, and yielding means for operating said clamping means to assist in holding the plate.

2,065,003
MEANS FOR BUILDING DEEP FOUNDATIONS
Edward Widugier, Torun, Poland
Application November 30, 1934, Serial No. 755,504
In Poland December 11, 1933
4 Claims. (Cl. 61—81)

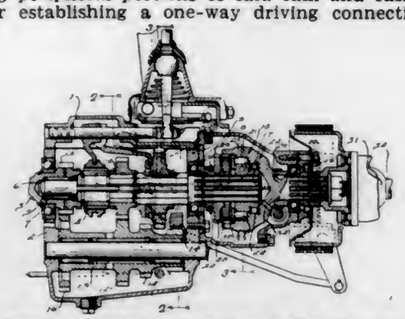


1. A means for building deep foundations, comprising a casing open at the top and bottom, vertically ranging partitions in the casing and dividing the same into a plurality of chambers, a lower partition transverse the vertically ranging partitions and providing below the same a plurality of chambers between the vertical partitions, an upper partition transverse the vertically ranging partitions and spaced from the lower partition to provide therewith and with the vertically ranging partitions a plurality of upper chambers, the lower partition being formed with openings to establish passages leading from a lower chamber below such partition to an upper chamber between the lower and upper partitions, and means for sealing any one of said openings at will, whereby any one of the lower chambers may be put under air pressure independently of the pressure in the corresponding upper chamber.

2,065,004
FREEWHEELING TRANSMISSION
Harry T. Woolson, Detroit, Mich., assignor to Chrysler Corporation, Detroit, Mich., a corporation of Delaware
Application February 4, 1932, Serial No. 590,877
2 Claims. (Cl. 192—113)

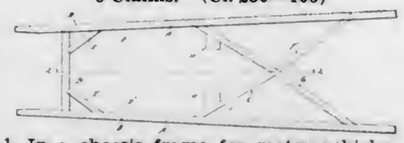
1. In a vehicle transmission housing having lubricant therein, an over-running clutch including an outer casing having a cylindrical end recess and a communicating lubricant passage extending through its wall calibrated to admit only lubricant of a predetermined viscosity, a cam in said casing, said casing and cam having registering spaced converging peripheral portions, a plurality of rollers between said converg-

ing peripheral portions of said cam and casing for establishing a one-way driving connection



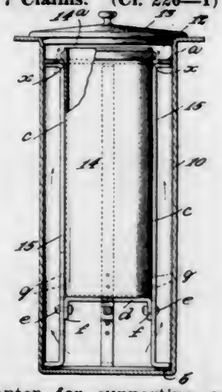
between said cam and casing, and a closure for sealing the end recess of said casing against the admission of lubricant.

2,065,005
MOTOR VEHICLE CHASSIS FRAME
William F. Zabriskie, Detroit, Mich., assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application April 4, 1932, Serial No. 603,194
9 Claims. (Cl. 280—106)



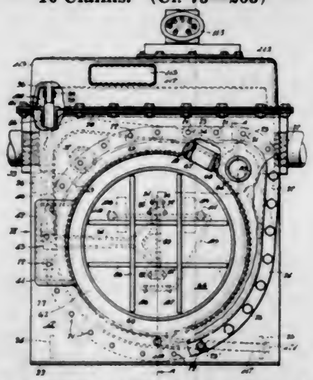
1. In a chassis frame for motor vehicles, the combination with side sills, of an X cross member comprising diagonally crossing beams having vertical webs, one of said beams passing through an aperture in the web of the other of said beams and having the joint integrated by welding, the webs of said beams having apertures therein to form a clearance for the passage of the propeller shaft and being flanged at the margin of said apertures to increase the rigidity at this point.

2,065,006
AREA REDUCER FOR STORAGE CHAMBERS
Uros Zivanov, Washington, D. C.
Application July 8, 1933, Serial No. 679,564
7 Claims. (Cl. 220—1)



1. An adapter for supporting containers of smaller size in storage chambers normally adapted to receive containers of large size, said adapter comprising end members spaced from each other by side members, one of the end members having its outer dimension substantially equal to that of the interior of the storage chamber, said end member having an inner dimension substantially equal to that of the container, whereby the container when placed in said adapter may be supported in said storage chamber against substantial sidewise movement with respect thereto.

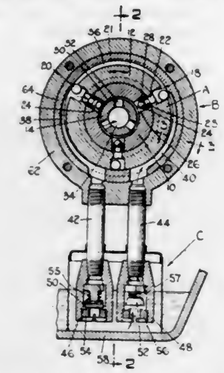
2,065,007
GAS METER
Allen D. MacLean, Pittsburgh, Pa., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application February 12, 1934, Serial No. 710,943
10 Claims. (Cl. 73—263)



1. In a gas meter, a frame comprising a plurality of pressed sheet steel dished plates secured bottom to bottom with flanges extending therefrom substantially parallel to the bottoms, a plurality of covers closing the mouths thereof and secured to said flanges respectively, diaphragm rings secured adjacent the juncture of the dished walls and flanges and forming substantially a continuation of the dished walls, a plurality of diaphragms secured to said rings and forming metering compartments, a cast ported body between said flanges, and conduits connecting the ports in said body and said metering chambers.

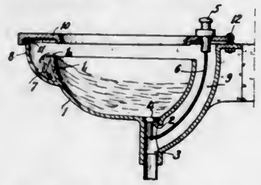
2,065,008
ROTARY PUMP
Alain Madlé, Bristol, Conn., assignor to Erban Operating Corporation, New York, N. Y., a corporation of New York
Application October 25, 1933, Serial No. 695,144
6 Claims. (Cl. 103—136)

1. A rotary pump comprising an inner member free to rotate in opposite directions and a casing surrounding said inner member and spaced therefrom except at one area of contact as the inner member is rotated, to provide a pressure chamber between it and the inner member closed by such area of contact, and said pressure chamber being generally crescent shaped, a distributing chamber within said rotating member, a channel connecting said chambers, and an element carried by and moving with said inner member within the channel and adapted to protrude into the pressure chamber, and automatically operative to propel the fluid in the pressure chamber in that direction in which the inner member is rotated regardless of the direction of rotation, said element being mounted for limited movement within said channel and thereby serving automatically to close the channel except in a direction from in front



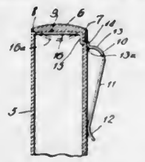
of said element as determined by the direction of rotation of said inner member, whereby said elements serve automatically to propel the fluid in the direction of rotation and through the channel.

2,065,009
SANITARY APPLIANCE
Charles Mallet, Paris, France, assignor to Etablissements Jacob-Delafon Compagnie Ceramique de Pouilly-sur-Saone et Belvoye, Paris, France, a company of France
Application December 4, 1935, Serial No. 52,789
In France December 17, 1934
3 Claims. (Cl. 4—166)



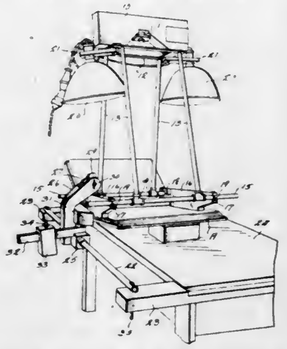
1. In a sanitary appliance such as a wash basin, a basin, an overflow comprising a peripheral weir provided over the whole periphery of the basin, and adapted to receive water thrown from this basin, a removable cover covering the overflow comprising the peripheral weir, a hinge connecting the removable cover to the basin.

2,065,010
CLIP FOR TUBULAR CAPS
Clinton E. Marshall, New York, N. Y.
Application February 20, 1936, Serial No. 64,834
4 Claims. (Cl. 24—11)



1. A device of the class described comprising a tubular body having a closure wall at one end, said body having an aperture extending through the wall thereof adjacent said end wall, another aperture extending through the wall of said body at a point opposed to said first named aperture and inwardly of the end wall of said body, a spring clip having a curved spring arm arranged outwardly of the tubular body, said clip including a mounting end portion which extends into the tubular body through the second named aperture, said mounting portion including a long straight part transversing the tubular body and extending into the first named aperture and arranged adjacent and contacting the end wall of the tubular body, said mounting portion having a short part arranged at right angles to one end of the long part and joining the curved spring arm in a part extending outwardly through the second aperture, and means at the other end of the long straight part for retaining the clip against displacement from said body.

2,065,011
RECORD BOOK PHOTOGRAPHING APPLIANCE
Joe E. McDowell, Woodsboro, Tex., assignor, by mesne assignments, of one-half to Harry P. Wills, Harris County, Tex.
Application September 24, 1935, Serial No. 41,945
8 Claims. (Cl. 88—24)

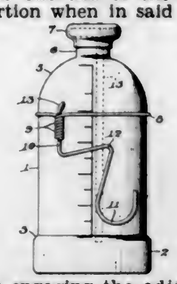


1. A photographic appliance including a camera having a lens system and a supporting frame including downwardly extending pairs of legs, transversely extending rods rigidly connected to the lower ends of the legs and a pair of parallel page engaging rests carried upon the transverse rods and adjustable toward or from each other, the distance between the under faces of said rest and the lens system being exactly equal to the focal length of the lens system the rests being upwardly inclined at their ends.

2,065,012
SUPPORT FOR DISPENSING CONTAINERS
Henry K. Mulford, Philadelphia, Pa., assignor to The National Drug Company, Philadelphia, Pa., a corporation of Pennsylvania
Application June 15, 1936, Serial No. 85,251
6 Claims. (Cl. 248—311)

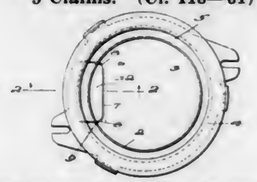
1. A hanger for containers having a peripheral flange, comprising an annular portion encircling and slidable longitudinally upon such container, and an angularly shaped supporting portion pivotally connected to said first portion, and adapted, when said annular portion is adjacent to the flange of said container, to be rotated across and into a substantially central operative position

with respect to one end of the container, said supporting portion when in said operative posi-



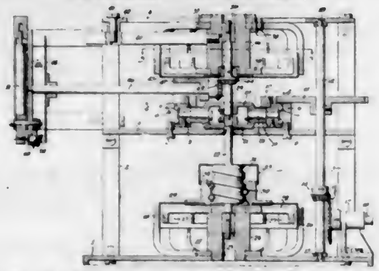
tion yieldingly engaging the adjacent container end, to maintain said hanger against the flange.

2,065,013
TRAVELER FOR SPINNING-RINGS
Willard T. Munson, Dunmore, Pa., assignor to Collins Supply & Equipment Company, Scranton, Pa., a co-partnership composed of Henry E. Collins and Albert B. Collins
Application December 6, 1935, Serial No. 53,234
5 Claims. (Cl. 118—61)



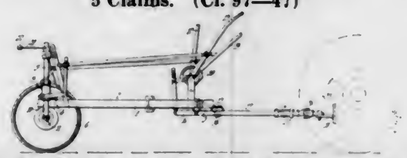
1. A bar traveler including a central portion, ends extending at right-angles to the central portion, legs parallel with each other and at an angle to the ends, feet extending from the lower ends of the legs and in planes parallel with each other and at right-angles to a plane common to both legs.

2,065,014
CONSTANT SPEED MECHANISM
Horace E. Nichols, Detroit, Mich., assignor of one-third to Clyde Harrison Chase and one-third to Hugo A. Freund, both of Detroit, Mich.
Original application May 4, 1927, Serial No. 188,839, now Patent No. 1,903,832, dated April 18, 1933. Divided and this application April 17, 1933, Serial No. 666,497
11 Claims. (Cl. 172—284)



5. In a constant speed mechanism, alining shafts, a differential for driving said shafts, a governor for each shaft, one of said governors being regulated for a predetermined speed, and the other governor being responsive to any variation in the speed of said differential mechanism to maintain a constant speed for the shaft of the regulated governor.

2,065,015
PLOW
Edward James Westergaard Nielsen, Mackay, Queensland, Australia
Application June 27, 1934, Serial No. 732,708
In Australia July 3, 1933
5 Claims. (Cl. 97—47)



1. An improved tractor plow comprising, a frame, a beam in the frame inclined to the line of draught, suspension members slidable upon and adjustably connectible with the beam, plowing elements on the suspension members, furrow and land wheels at the rear end of the frame, steering mountings adjustably supported on the frame and carrying the furrow and land wheels, means for adjusting the elevations of the steering mountings, a bridle at the front end of said frame, a transverse shaft pivoted on the bridle and secured thereon at right angles to the line of draught, a forwardly extended rigid arm on the transverse shaft adapted for universal connection with a tractor, a rearwardly extended arm on said transverse shaft adapted to be associated with lifting means for raising and lowering the frame and the plowing elements, and a drag link connecting the steering mountings to a point on the tractor offset from the line of draught.

2,065,016
HOLDER FOR COLLAPSIBLE TUBES
René Oldfield, Norristown, Pa.
Application April 23, 1936, Serial No. 76,070
5 Claims. (Cl. 221—60)



1. A device of the class described, comprising a pair of axially aligned shafts, an end of one of which is rotatably journalled in the adjacent end of the other, means to attach a collapsible tube to each of said shafts, and means to rotatably support the adjacent end portions of said shafts.

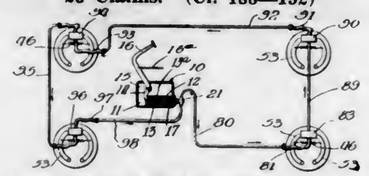
2,065,017
HYDRAULIC BRAKE
Wallace F. Oliver, Detroit, Mich., assignor to Hydraulic Brake Company, Detroit, Mich., a corporation of California
Application June 6, 1932, Serial No. 615,651
3 Claims. (Cl. 188—3)



1. In a hydraulic brake system of the class described, the combination of a compressor having a piston therein, a first conduit system connected to said compressor, a motor connected to said conduit system and actuated by liquid pressure created therein by said compressor, a brake element operated by said motor, a second conduit system, a motor connected to said second conduit system and actuated by liquid pressure created therein, a brake element operated by said last named motor, said motors designed for complete

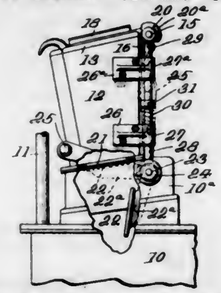
operation by a single stroke of said piston, detachable coupling means whereby said conduit systems may be connected in liquid transferring relationship and thereafter disconnected and sealed from atmosphere without admission of air to either conduit system, means provided by said compressor for maintaining all of said conduit systems and motors free of entrapped air, and means for operating said compressor.

2,065,018
HYDRAULIC BRAKE SYSTEM
Wallace F. Oliver, Herbert C. Bowen, and Erwin F. Loweke, Detroit, Mich., assignors to Hydraulic Brake Company, Detroit, Mich., a corporation of California
Application July 11, 1932, Serial No. 621,906
23 Claims. (Cl. 188—152)



9. In a hydraulic brake system, the combination of a compressor and reservoir unit, a circulatory fluid line having one end connected with said unit to receive fluid therefrom and a second end connected to said unit to return fluid thereto, wheel cylinders connected to said fluid line at intervals spaced therealong, brake mechanism actuated by said wheel cylinders, and means for operating said compressor only during periods of brake application.

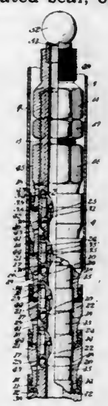
2,065,019
SAFETY HOPPER
Oscar F. Pedersen, Chicago, Ill., assignor to Phoenix Metal Cap Company, Inc., Chicago, Ill., a corporation of New York
Application August 5, 1935, Serial No. 34,823
10 Claims. (Cl. 220—36)



7. In a hopper, the combination of a top closing door, a bottom dumping floor, locking means for said door and said floor for preventing the opening of either one until the other is completely closed, and means when the open door or floor is completely closed for releasing said locking means whereby to permit the opening of the door or floor which was previously closed.

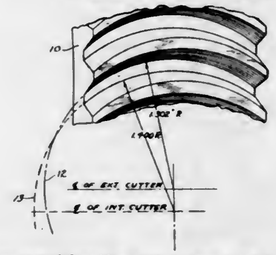
2,065,020
PACKING DEVICE
John B. Picard and John C. Bush, Toledo, Ohio, assignors to The Pure Oil Company, Chicago, Ill., a corporation of Ohio
Application November 22, 1934, Serial No. 754,244
10 Claims. (Cl. 309—34)

1. In a piston arranged for relative reciprocation in the bore of a cylinder, the combination with a plurality of annular packing elements mounted in series on the piston to collectively effect a fluid actuated seal, of differential valve



means in said piston arranged to admit a portion of the pressure imposed on the piston between said packing elements.

2,065,021
GEARING
William F. Pioch and George Pascoe, Detroit, Mich., assignors to Ford Motor Company, Dearborn, Mich., a corporation of Delaware
Application October 3, 1935, Serial No. 43,370
7 Claims. (Cl. 74—462)

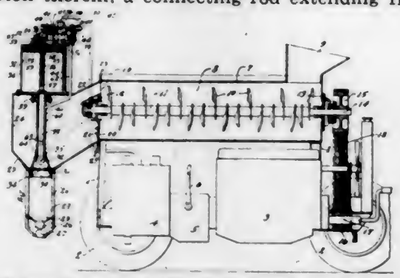


1. The combination of a gear and pinion, said gear having non-generated teeth formed around its periphery, the basic rack for said teeth being curved, and said pinion having generated teeth formed therearound of a pitch equal to said gear teeth, the basic rack for said pinion teeth being curved with a radius equal to the radius of the rack for said gear teeth.

2,065,022
CONVERTIBLE APPARATUS FOR EMPLACING PLASTIC MATERIAL
John W. Poulter, Mount Pleasant, Iowa, assignor to National Equipment Corporation, Milwaukee, Wis., a corporation
Application December 5, 1933, Serial No. 701,047
15 Claims. (Cl. 103—5)

1. In a portable unit for emplacing a mobile material, supply means adapted to receive said material, a pump cylinder arranged to receive the material from the supply means, a reciprocable piston in said cylinder, said piston having valve means therein serving to admit material from said supply means through said piston into said cylinder on the stroke of the piston in one direction constituting the intake stroke and pre-

venting passage of said material through said piston on the stroke thereof in the opposite direction constituting the pressure stroke, said cylinder having a discharge opening for discharging the material therefrom under pressure of said piston, a check valve intermediate said piston and said discharge opening in the cylinder, said check valve normally closing on the intake stroke of said piston, a fluid pressure cylinder above said supply means, a reciprocable piston therein, a connecting rod extending from



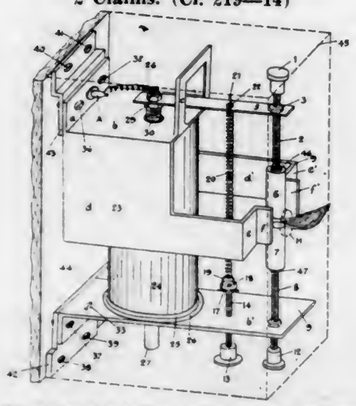
said last mentioned piston through said supply means to said first mentioned piston and serving to drive said first mentioned piston by the reciprocation of said last mentioned piston, a guide sleeve for said rod, and means for alternately applying a fluid pressure to opposite sides of said last mentioned piston and to said sleeve, said means serving to effect reciprocation of said pistons, maintenance of clearance of the sleeve of the material and discharge of said fluid in said supply means.

2,065,023

ELECTRIC FLAME PRODUCING DEVICE

Pappu Subba Rao, Mylapore, Madras, British India

Application June 3, 1936, Serial No. 83,331
In British India April 23, 1935
2 Claims. (Cl. 219—14)



1. An apparatus for striking an electric arc and converting it into an elongated flame, comprising a tube, a solenoid winding on said tube, a bracket of ferro-magnetic metal extending laterally from one end of said tube, a fixed electrode carried by said bracket and extending in a direction parallel to the axis of said tube, a ferro-magnetic armature movably mounted in said tube, a non-ferrous rod extending from one end of said armature, an electrode carrier mounted on the free end of said rod and extending laterally therefrom, an electrode mounted on said carrier in axial alignment with said fixed electrode for movement with said armature toward and away from said fixed electrode, resilient means urging the movable electrode toward the fixed electrode, said bracket having a portion extending to a position on one side of the electrodes at the gap formed on separation of the electrodes, and a member formed of ferro-magnetic material extending from the other end of the tube to a position on the opposite side of the electrodes at the gap.

2,065,024

COLUMN FOR SKY WRITING

John T. Remey, New York, N. Y.

Application April 22, 1932, Serial No. 606,951
17 Claims. (Cl. 40—127)



1. A column for sky writing, comprising an elongated stream-lined body which is flexible throughout, said column having at least one passage therein extending for substantially its entire length, a pressure-resisting, fluid-carrying conduit, also flexible for its entire length, positioned in said passage, and extending for substantially the entire length of the column, a plurality of electrically-controlled, fluid-emitting valves regularly spaced along said conduit, and means operatively connecting said valves with said fluid-carrying conduit.

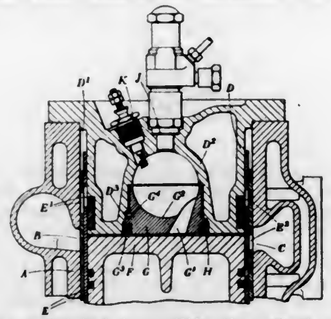
2,065,025

INTERNAL COMBUSTION ENGINE OF THE LIQUID FUEL INJECTION COMPRESSION IGNITION TYPE

Harry Ralph Ricardo, London, England

Application September 8, 1932, Serial No. 632,252
In Great Britain September 25, 1931
2 Claims. (Cl. 123—32)

1. An internal combustion engine of the liquid fuel injection compression ignition type including in combination a cylinder having inlet and exhaust openings in its wall, a sleeve valve disposed within the cylinder and having ports therein adapted to register with the inlet and outlet openings respectively during the inlet and exhaust periods, means for imparting to the sleeve a motion such that the inlet ports commence to register with the inlet openings when the motion of the sleeve is mainly oscillatory, means for leading the charge through the inlet openings in such a direction as to counteract at least partially the rotation of the charge about the cylinder axis which tends to be produced during the initial opening period of the inlet ports, a combustion chamber having restricted communication with said cylinder into which substantially the whole of the air charge is forced during the compression stroke, communication between the cylinder and combustion chamber being suffi-



ciently restricted to nullify the effect of rotational movement of the charge during passage of the charge into the combustion chamber, and a heated plug associated with the combustion chamber for materially raising the temperature of the compressed charge.

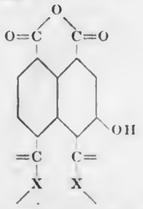
2,065,026

POLYNUCLEAR CONDENSATION PRODUCTS CONTAINING KETO GROUPS AND PROCESS OF PRODUCING SAME

Alfred Rieche, Wolfen, Germany, assignor to General Aniline Works Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application November 29, 1933, Serial No. 700,364. In Germany December 3, 1932
16 Claims. (Cl. 260—123)

13. Condensation products corresponding to the general formula



wherein the two X's stand for two neighboring carbon atoms of a nucleus selected from the class consisting of the unsubstituted and the halogenated nuclei of the benzene and naphthalene series.

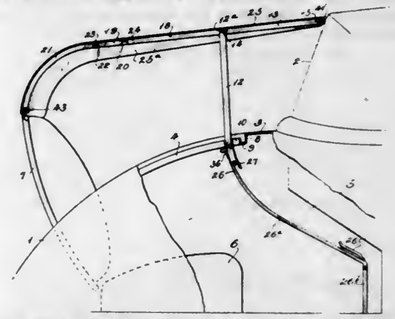
2,065,027

TOP FOR RUMBLE SEATS FOR AUTOMOBILES

Benton Settie Rinker and Mary W. F. Speers, Washington, D. C.

Application April 2, 1936, Serial No. 72,398
3 Claims. (Cl. 296—99)

1. A foldable top for the seat of a vehicle comprising supporting bracket members secured to the body at the sides of the seat opening, a guide carried by each of said bracket members and extending into the pit of the seat opening, a supporting frame including a pair of side members slidable on said guides whereby to permit the said supporting frame to be raised and lowered, a front frame section carried by said supporting frame and adapted, in folded position, to lie against the said supporting frame, a rear frame section carried by said supporting frame and adapted, in folded position, to lie against said supporting frame, a flexible cover for the front and rear frame sections, vertically spaced holding means at the lower ends of said side members, and means on said guides engageable with said spaced holding means to hold said supporting frame in different set positions, said holding means being disposed so that, when the side members of said supporting frame are in one set po-



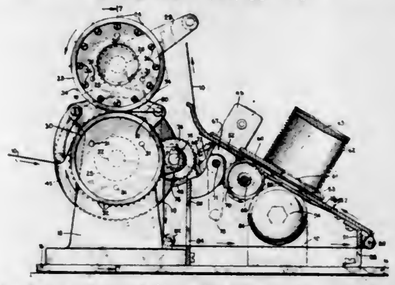
sition, the said supporting frame will be elevated so as to permit the front and rear frame sections to be extended to a position for engagement with the vehicle, the connection between said supporting frame and the front and rear frame sections being at one side of the normal locked position when in this set position with the front and rear frame sections out of alignment whereby a movement of the side members of said supporting frame to a second set position will force said front and rear frame sections toward alignment and cause the same to tightly engage the body of the vehicle.

2,065,028

MEANS FOR SYNCHRONIZING SOUND AND MOTION PICTURE FILMS

Gordon I. Roberts, Mount Vernon, and George H. Rufle, Astoria, N. Y.; said Roberts assignor to said Rufle

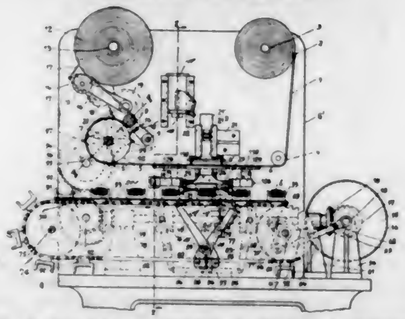
Application July 29, 1933, Serial No. 682,768
8 Claims. (Cl. 88—16)



1. Apparatus of the character described comprising means to repeatedly punch a series of tempo indications in the frames of a motion picture film, which indications are visible upon projection of the film, the respective tempo indications occupying successively varying positions in the respective successive frames, means to view said frames successively, means operable to convey the film from the applying means to the viewing means, automatically operated tempo

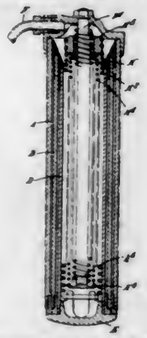
indicating means movable synchronously with the respective frames as they move successively past the viewing position and automatically operated means enumerating the successive series of tempo indications.

2,065,029
APPARATUS AND METHOD OF MAKING AND APPLYING BANDS
Johannes Schmiedel, Dresden-A, Germany, assignor to "Universelle" Cigarettenmaschinen-Faorik J. C. Müller & Co., Dresden-A, Germany
Application May 23, 1934, Serial No. 727,194
In Germany November 22, 1932
13 Claims. (Cl. 131—61)



1. An apparatus for applying bands comprising a band punching mechanism, means for feeding a web of material containing the bands through said punching mechanism, means for feeding finished cigars and means for applying the bands as punched out by said punching mechanism to said cigars.

2,065,030
FLUID PRESSURE OPERATED LIFTING JACK
Donald Wilfred Sessions, Willesden, London, England
Application December 6, 1935, Serial No. 53,156
In Great Britain July 2, 1935
5 Claims. (Cl. 121—46)



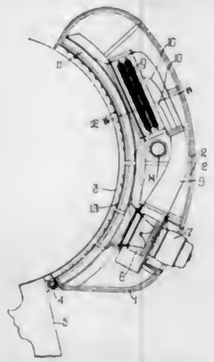
1. A fluid pressure operated lifting jack comprising a cylinder, at least one hollow plunger within the cylinder, a tension spring connected to the cylinder at one end, a second tension spring connected at one end to the plunger, a compression spring, and means whereby the two tension springs act upon the compression spring to compress it when the plunger is forced to move out of the cylinder.

2,065,031
SEWING MACHINE NEEDLE GUARD
Maxwell B. Sklar, Brooklyn, N. Y.
Application June 4, 1936, Serial No. 83,433
2 Claims. (Cl. 112—261)



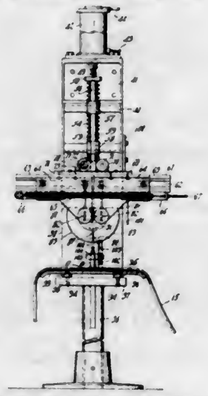
1. In combination with a sewing machine presser bar foot having a vertical arm and a base at right angles to said arm, a wall secured to the sides of said arm and base, a member comprising a side wall and a front wall at right angles thereto having its front wall hingedly secured on the outer extremity of said base, said front wall being adapted to be rotated into substantially vertical position, said side walls coming into contact with each other when said wall is in vertical position to provide a closed side wall formed of said two side walls, said front wall when rotated outwardly from said vertical position removing its side wall from contact with said first named wall and giving access to the upper surface of said base from said side, said front wall having a cut out opening therein, and means for releasably locking said front wall in either of said two positions.

2,065,032
CALENDERING, DRYING, OR LIKE TREATMENT OF MATERIALS
William Wycliffe Spooner, Ilkley, England
Application September 8, 1934, Serial No. 743,265
In Great Britain January 30, 1933
9 Claims. (Cl. 34—48)



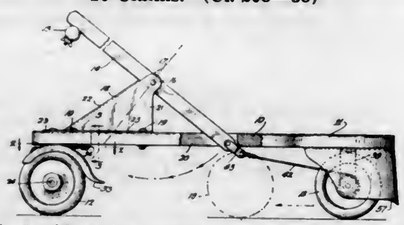
1. A machine for paper making including at least one heated metallic member over which the paper is conveyed, at least one hood extending over a portion of the path of the paper on said metallic member, a casing between said hood and said metallic member having a wall adjacent the path of the paper and having groups of velocity nozzles in said wall, the nozzles of one group being oppositely inclined with respect to the nozzles of an adjacent group, and an impeller adapted to draw drying fluid from said hood and to discharge the fluid to said casing for ejection through said nozzles onto the paper.

2,065,033
METHOD AND APPARATUS FOR MAKING INNER TUBES
Horace D. Stevens, Akron, Ohio, assignor to The Firestone Tire & Rubber Company, Akron, Ohio, a corporation of Ohio
Application January 15, 1935, Serial No. 1,891
17 Claims. (Cl. 154—14)



1. The method of making inner tubes which comprises forming an aperture in an unvulcanized rubber tube, lightly adhering a valve stem structure to the tube with the axial passage of the valve stem in registry with said aperture, mounting a valve pad on the valve stem so as to overlie the base flange thereof and extend onto the adjacent tube structure, and then compacting the assembled structure by rolling pressure directed solely toward the margin of the said pad.

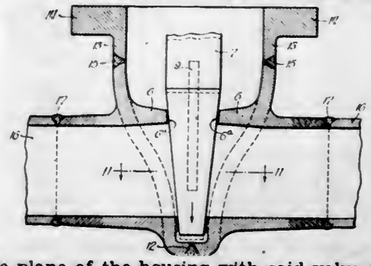
2,065,034
RIDING TOY
Louis Strohacker, Freeport, Ill., assignor to Structo Manufacturing Company, Freeport, Ill., a corporation of Illinois
Application May 31, 1935, Serial No. 24,169
10 Claims. (Cl. 208—38)



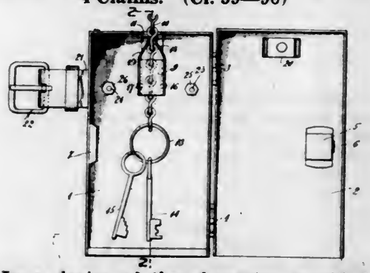
1. A riding toy, comprising in combination a body providing a seat, steering and rear wheels supporting the body, a lever supporting bracket, a lever fulcrumed on the bracket, an axle upon which the rear wheels are mounted, an axle bracket therefor, a spring returned sleeve surrounding the axle, a strap secured to and wound upon said sleeve and connected to said lever, and clutch means between one of the rear wheels and the sleeve.

2,065,035
VALVE HOUSING AND METHOD OF MAKING SAME
James Hall Taylor, Oak Park, Ill.
Application April 22, 1935, Serial No. 17,655
11 Claims. (Cl. 29—157.1)

1. A gate valve housing comprising two complementary sections originally formed separately and each comprising a tubular hub having its inner end inclined and forming an integral continuous valve seat, said sections being welded together along approximately the median transverse plane of the housing with said valve seats spaced apart and defining therebetween a tapered valve passage, and valve guide strips within the housing at opposite sides thereof and secured thereto by the weld between said sections.



2,065,036
KEY PROTECTOR
Robert E. Townsend, Jr., Boston, Mass.
Application April 19, 1935, Serial No. 17,217
4 Claims. (Cl. 59—96)

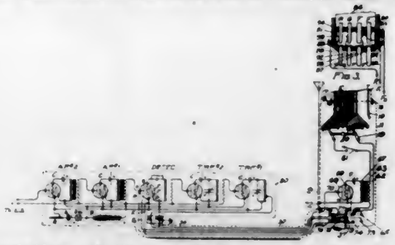


1. In a device of the character specified the combination of a receptacle open at one end and adapted to receive a key and provided with an aperture at the top thereof for the passage of a chain, a chain passing through said aperture upwardly extending spring clamping means mounted within said receptacle and arranged to bear against said chain in a manner whereby said spring clamping means may yield in response to upward movement of said chain to permit its movement upwardly and firmly restrain any downward movement thereof, means to remove said spring clamping means from bearing against said chain, and means for attaching a key to the inner end of the chain.

2,065,037
APPARATUS FOR CONTROLLING ELECTRICALLY TRANSMITTED MUSICAL PROGRAMS
James L. Adams, Jr., Youngstown, Ohio
Application May 12, 1933, Serial No. 670,666
5 Claims. (Cl. 250—6)

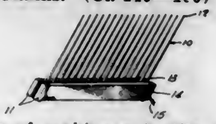
1. In a method of receiving and electively selecting between broadcast radio-frequency program-bearing waves, and wire-transmitted audio-frequency program-bearing impulses, the steps comprising the thermionic amplification of said impulses, and the amplification and subsequent rectification thermionically of the said waves, the paralleling of the outputs of said rectification and said first mentioned amplifica-

tion via a continuously maintained connection, the alternative energization of the electron-emitter heaters for said rectification and said first mentioned amplification only, and the



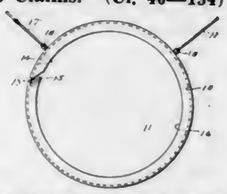
translation of the resultant output from said rectification and said first mentioned amplification in parallel, after further amplification of said resultant output by electro-thermionic means.

2,065,038
METHOD OF MAKING TEXTILE COMBS
Italo V. Adimari, Philadelphia, Pa.
Application March 2, 1936, Serial No. 66,541
8 Claims. (Cl. 140—100)



1. A process of making a textile comb, which includes the step of spacing the pins of the comb by the use of a helical spring, and the step of correcting distortion caused by the helical winding of the spring.

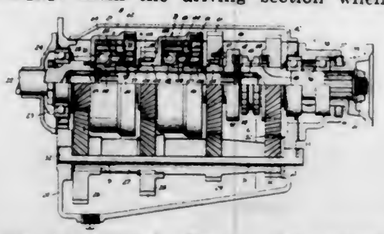
2,065,039
DISPLAY DEVICE
Marselius T. Ashe, Garden City, N. Y., assignor to Barron Collier, New York, N. Y.
Application June 9, 1936, Serial No. 84,260
3 Claims. (Cl. 40—154)



1. A display device of the class described comprising a circular frame having an inner circumferential groove, discs adapted to be held in said groove, a slit cut in the frame, a notch cut in the edge of each of the discs, said notches in combination with said slit providing the means whereby the discs may be inserted in and removed from the frame by turning them in relation thereto.

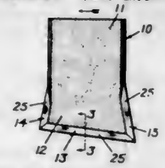
2,065,040
AUTOMATIC TRANSMISSION
Gerhard H. J. Baule, Syracuse, N. Y., assignor of one-half to Grace I. Haley, Syracuse, N. Y.
Application July 25, 1934, Serial No. 736,914
8 Claims. (Cl. 74—336)

1. In a transmission mechanism, driving and driven shafts, a normally engaged clutch connecting the shafts and including a driving section connected to the driving shaft, a driven section having a member connected to the driven shaft, and a section movable relative to the first section, said clutch also including a clutch member connected to the members of the driven section and operable, upon relative movement of said members, to engage the driving section, and to disengage from the driving section when the



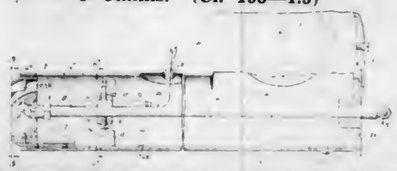
torque transmitted through the mechanism reaches a predetermined value, spring means tending to move said sections of the driven section relatively to effect engagement of the clutch member with the driving section, and means operated by the speed of the driven shaft to increase the force of the spring means as the speed of the driven shaft increases.

2,065,041
SAW TOOTH
Leroy K. Behr, Worcester, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts
Application March 6, 1936, Serial No. 67,516
6 Claims. (Cl. 125—22)



1. An abrasive saw tooth comprising an abrasive section, a root, and a coating of an oxyphosphate cement on the root.

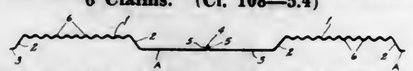
2,065,042
AIR CONTROL FOR OIL BURNERS
Harry H. Berryman, Elmhurst, Ill.
Application April 29, 1935, Serial No. 18,825
3 Claims. (Cl. 158—1.5)



3. In an oil burner, the combination of a conduit having an open end, means for forcing air through the conduit, a fuel pipe axially positioned in the conduit, a discharge nozzle on the fuel pipe adjacent the open end of the conduit, two sets of air deflecting vanes so positioned within the conduit as to produce at the open end thereof oppositely whirling air streams proceeding from points at unequal distances from the axis of the discharge nozzle of the fuel pipe toward each other for intermixture at substantially the point of fuel combustion, and means for

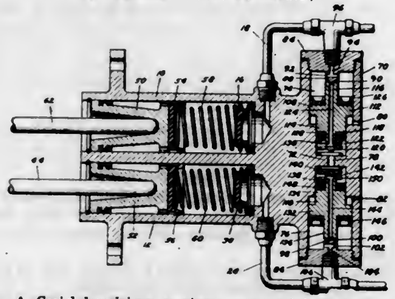
adjusting one set of vanes toward or from the other set of vanes whereby to shift the intermixing point of the two opposing whirling parts of the air stream.

2,065,043
CAR ROOF
Charles David Bonsall, Pittsburgh, Pa., assignor to P. H. Murphy Company, New Kensington, Pa., a corporation of Pennsylvania
Application March 14, 1936, Serial No. 68,940
6 Claims. (Cl. 108—5.4)



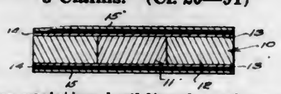
1. A metal car roof comprising roof sheets rigidly secured together at their side edges by welds, each sheet having its longitudinal middle portion corrugated throughout its width and located at a higher level than the side portions, the distance between said middle and lower portions being such that the roof will act as a beam and the compressive strength of the corrugated upper portion will be substantially commensurate with the tensile strength of the lower portions including the welds.

2,065,044
HYDRAULIC BRAKE
Herbert C. Bowen, Detroit, Mich., assignor to Hydraulic Brake Company, Detroit, Mich., a corporation of California
Application October 31, 1934, Serial No. 750,789
10 Claims. (Cl. 60—54.5)



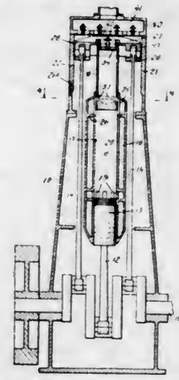
1. A fluid braking system comprising a pair of compressors, means for actuating the compressors in unison, and interconnected corresponding fluid pressure valves connected respectively to the respective compressors and operable by fluid under pressure in the compressors to first establish communication between the compressors and, secondly to intercept the communication between the compressors upon further increase in fluid pressure.

2,065,045
CONSTRUCTION MATERIAL
Juel Irvin Broback, Westfield, and George J. Martin, Denville, N. J.
Application April 25, 1933, Serial No. 667,922
3 Claims. (Cl. 20—91)



2. A fire resisting building board, comprising a core, said core including strips of wood having their edges cemented together, sheets of wood veneer cemented to the opposite faces of the core, sheets of fire resisting fabric cemented to the outer faces of the sheets of veneer, said fire resisting fabric including woven metal strands having a covering of asbestos yarn wound thereon, and sheets of veneer cemented to the outer faces of the fire resisting fabric.

2,065,046
INTERNAL COMBUSTION ENGINE
Wilhelm B. Bronander, Montclair, N. J., assignor to The Safety Car Heating & Lighting Company, New Haven, Conn., a corporation of New Jersey
Application October 7, 1931, Serial No. 567,354
41 Claims. (Cl. 123—51)

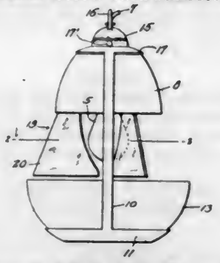


19. An internal combustion engine comprising a working cylinder, an oblong rectangular air compression chamber of greater cross-sectional area than that of said cylinder, an inlet port thereto, a yoke forming a piston in said compression chamber, the ends of said yoke which abut against the shorter walls of the compression chamber being curved, a hollow piston extending from the yoke into the cylinder, a self aligning connection between the hollow piston and the yoke, a check valve in the hollow piston, elongated transversely oblique ports in the cylinder adapted to be uncovered by the end of said hollow piston as it nears the end of its stroke, an annular chamber surrounding said elongated ports, storage chambers at the longer sides of the compression chamber communicating with said annular chamber, transversely oblique ports in said hollow piston which register with said cylinder ports throughout the length thereof, a second piston in the working cylinder, a crank case, a crank shaft therein, a connecting rod between the crank shaft and said second piston, connecting rods between the crank shaft and the yoke and a by-pass between the crank shaft and the compression chamber arranged to be opened by the yoke at the end of its stroke.

2,065,047
INSECT EXTERMINATING LAMP
Birdie Smith Buford, Wilson, N. C.
Application September 18, 1934, Serial No. 744,587
Renewed July 20, 1936
1 Claim. (Cl. 43—113)

A structure of the class described comprising a hanger including a dome having diverging arcuate shaped integral depending arms attached at their lower ends to a pan, said arms being provided intermediate their ends with bowl retaining clips, a bowl seated in said pan and held between said arms by said clips, said bowl serving as a reflector and having the additional function of a container for an insecticide solution, a depending reflector

detachably connected in said dome and disposed between said arms, a bulb suspended from said dome and located below said reflector, and a bar-

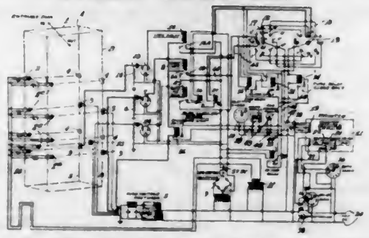


rier unit supported by said reflector and located in the space between the reflector and bowl and embodying transparent members spaced apart and located in spaced relation around the bulb.

2,065,048

COUNTING DEVICE

James H. Burnside, 2d, New York, N. Y.
Application April 25, 1932, Serial No. 607,607
5 Claims. (Cl. 250—41.5)

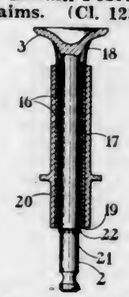


5. A counting device for registering a number of persons or objects passing a given point comprising two adjacent light sensitive cells, a source of light normally illuminating said cells and a circuit including said cells, a counting device adapted to register when one of said cells is darkened first by a person or an object traveling in one direction, and means for preventing further registration until the other cell is darkened, said means also preventing the operation of said counting device when the other cell is darkened first by a person or an object traveling in the opposite direction.

2,065,049

VALVE FOR INTERNAL COMBUSTION ENGINES

Frank Ernest Bullock, Coventry, England
Application April 11, 1935, Serial No. 15,896
In Great Britain February 5, 1935
3 Claims. (Cl. 123—188)



3. The combination with the stem of a poppet valve, of a sleeve introduced about the exterior of said stem and made of a metal having a higher degree of heat conductivity than that of the metal of the valve, and a bush adapted to enclose and protect said sleeve.

2,065,050

SHIPPING CRATE OR BOX FOR TILES

Noble C. Butler, Anderson, Ind., assignor to The National Tile Company, Anderson, Ind., a corporation
Application November 20, 1934, Serial No. 753,988
4 Claims. (Cl. 217—12)



1. In a tile packaging receptacle, in combination, a crate-like structure consisting of separate side and bottom units, separate end units or members, said units each comprising a cushion wall member and board members applied to the cushion wall members and secured thereto, the cushion wall members constituting a lining for the receptacle, and the end members including cleat members projecting beyond the top edges of the side units when assembled at the ends of the side and bottom units, and a cover or top member comprising a board structure and cushion wall part at the inner side of the board structure and adapted to be asembled with the side and bottom and end units aforesaid, and overlapping the upper edges of the side units and disposed between the cleat projections of the opposite end units.

2,065,051

PISTON

Richard H. Carr, Chicago, Ill., and Laurence A. Ogden, Tulsa, Okla., assignors to The Pure Oil Company, Chicago, Ill., a corporation of Ohio
Application February 19, 1934, Serial No. 711,970
16 Claims. (Cl. 103—225)



1. In a piston arranged for relative reciprocation in the bore of a cylinder, the combination of a hollow piston body open at one end to fluid pressure imposed on the piston, a plurality

of packing elements mounted in spaced relation in series on the piston, passageways connecting the space between the packing elements and the interior of the piston, and means for controlling the passageways for dividing the total fluid pressure between the two packing elements.

2,065,052

LIQUID DISPENSING APPARATUS

William M. Carroll, Fort Wayne, Ind., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind., a corporation of Indiana
Application February 16, 1935, Serial No. 6,780
32 Claims. (Cl. 221—95)

1. In a liquid dispensing device, the combination with means forming a dispensing line through which liquid is adapted to flow under pressure, a dispensing nozzle on said line and a shiftable control member for said dispensing nozzle, shiftable means for controlling the dispensing flow, and manually operable means actuated from the nozzle end of said line for actuating said shiftable means for starting the dispensing flow, said manually operable means including devices utilizing the liquid in at least a portion of said dispensing line.

2,065,053

FLOTATION FROTHER

Ludwig J. Christmann, Jersey City, and David W. Jayne, Jr., Elizabeth, N. J., assignors to American Cyanamid Company, New York, N. Y., a corporation of Maine
No Drawing. Application October 11, 1933, Serial No. 693,150
13 Claims. (Cl. 209—166)

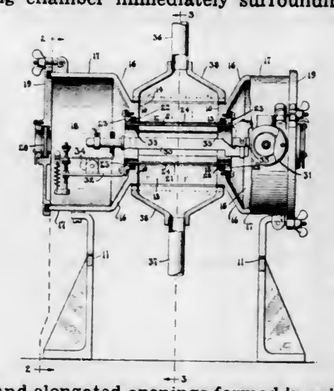
1. A method of froth flotation of ores which comprises providing a pulp of ore with water, adding thereto a collecting agent and a frother, the latter comprising a mixture of a saturated hydrocarbon in amounts sufficient to act as a stabilizer and an aliphatic alcohol having from 7 to 10 carbon atoms, and subjecting the pulp to a froth flotation operation.

2,065,054

ACTIVE RAY TREATING DEVICE

Harry M. Creighton, East Norwalk, and Edward C. Berndt, Norwalk, Conn., assignors to The R. U. V. Engineering Corporation, South Norwalk, Conn., a corporation of Delaware
Application October 8, 1931, Serial No. 567,574
Renewed April 29, 1936
8 Claims. (Cl. 99—247)

1. A machine wherein a stream or layer of a substance to be treated is adapted to flow transversely past a source of active rays comprising a closed housing, an elongated lamp and mechanism for starting said lamp mounted in said housing, said housing comprising end chambers surrounding the ends of the lamp and starting mechanism, a constricted central portion forming a treating chamber immediately surrounding said

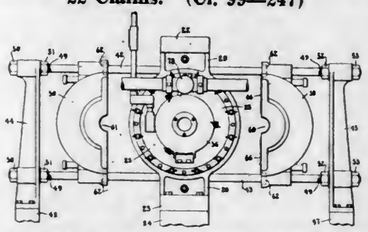


lamp, and elongated openings formed in said constricted portion, said openings being adapted to be interchangeably used as inlet and outlet ports for the passage of substance to be treated in the chamber, in combination with a pipe adapted to carry a substance to be treated, and elongated fan-shaped couplings for connecting said pipe to the housing over said openings.

2,065,055

IRRADIATING APPARATUS

Edward C. Berndt, Norwalk, and Harry M. Creighton, East Norwalk, Conn., assignors to The R. U. V. Engineering Corporation, South Norwalk, Conn., a corporation of Delaware
Application June 7, 1934, Serial No. 729,360
22 Claims. (Cl. 99—247)



1. An irradiating device comprising, a source of ultra violet rays, an enclosure for said source transparent to said rays, mountings for said ray source and enclosure, and sectional means comprising cooperating sections forming with said enclosure an enclosed treating chamber in which substance disposed therein is adapted to flow in the form of a wholly confined layer and be exposed to rays emanating from said source, in combination with means mounting said sections for movement into and out of cooperating engagement, and means for securing said sections in fixed relationship to said enclosure.

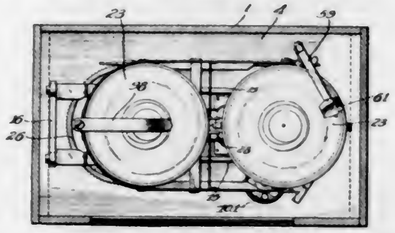
2,065,056

AUTOMATIC PHONOGRAPH

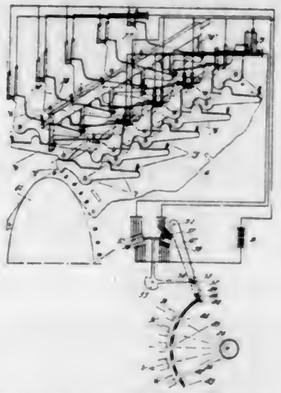
Arvid Dahlstrom, Chicago, Ill.
Application February 12, 1931, Serial No. 515,233
Renewed October 14, 1936
28 Claims. (Cl. 274—10)

10. In a phonograph of the class described, in combination a frame, a support on said frame

for holding a stack of records, a reproducer on said frame mounted for limited universal movement, and a transfer mechanism automatically operable for successively removing each record from a stack in said supporting means, carrying it to a reproducing position, supporting it while being reproduced, and returning it to the stack after being reproduced, said mechanism comprising horizontal guide rods, a cross-head carrier reciprocable between said guide rods, an electric motor operably connected with said cross-head for reciprocating the same, an electric circuit for said motor, a switch in said circuit, and means operably connected with said motor for opening said switch when said cross-head carrier reaches a predetermined position.

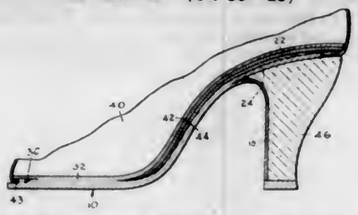


2,065,057
LIGHT CONTROL STRIP FOR CINEMATOGRAPHIC PRINTING MACHINES
André Léon Victor Clement Debrie, Paris, France
Application February 28, 1935, Serial No. 8,736
In France March 6, 1934
4 Claims. (Cl. 88—24)



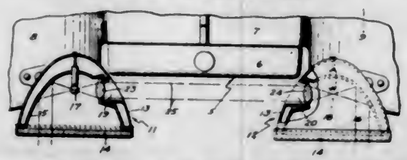
1. A device for control of illumination in film printing comprising a strip divided into sections corresponding to the successive film scenes to be printed and provided at the beginning and end of each section with notches, the distance of the notches from the edges of the strip being the same for the notches of the same section, frictional driving means for said strip, a drum positively engaging the strip and provided with an outwardly flaring angular recess at its inner periphery, a shaft adapted to rotate in either direction at a speed proportional to and smaller than that of the negative being printed and carrying said drum, a projection integral with said shaft housed in the recess of the drum and adapted to engage either side of said recess and a lever system adapted to engage the successive notches and to selectively control the printing illumination according to the notch engaged.

2,065,058
TURN SHOE
Vincent De Liso, Astoria, N. Y.
Application October 14, 1935, Serial No. 44,817
4 Claims. (Cl. 36—18)



1. A turned shoe having an upper and a sole secured together by a seam, said sole having an integral overlying sole member, said overlying member comprising a heel and shank portion separated from the underlying portion of the sole, a shank stiffener disposed between said overlying member and the underlying portion of the sole, and said overlying member having a forward marginal edge portion separated from the underlying portion of the sole and covering said seam.

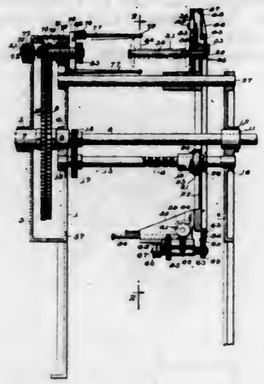
2,065,059
AUTOMOBILE HEADLIGHT
Oscar A. de Lima, Stamford, Conn.
Application January 2, 1935, Serial No. 123
1 Claim. (Cl. 240—7.1)



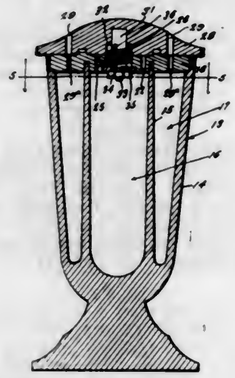
In a headlight construction including two laterally spaced headlights having reflectors with openings in their opposed side walls, a lens in each of said openings arranged so that each light source is in the principal focus of the adjacent lens so as to project substantially parallel light beams of substantially the area of each lens, and each of said lens having a common axis whereby if either light source is extinguished its reflector is illuminated by the light beam projected from the other light source.

2,065,060
AUTOMATIC FRICTION REGULATOR FOR TUBING TWISTERS
William Dewhirst, Philadelphia, Pa., assignor to Haskell-Dawes Machine Company, Inc., Philadelphia, Pa., a corporation of Pennsylvania
Application November 15, 1935, Serial No. 49,893
5 Claims. (Cl. 117—27)

1. In a tubing twister, the combination of a rotatable bobbin support, a friction wheel rotatable therewith, a case carrying said support, means to reciprocate said case, a friction element in slidable engagement with said wheel, a cam cooperatively connected to said element to vary the friction between said element and said wheel, and means automatically actuated by and in accordance with the reciprocation of said case, to shift said cam and increase the frictional engagement of said element with said wheel, as the diameter of layers of thread upon a bobbin carried by said support increases.

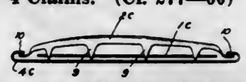


2,065,061
DOUBLE ACTING CONDIMENT SHAKER
Richard A. Doering, York, Pa.
Application May 18, 1936, Serial No. 80,453
2 Claims. (Cl. 65—45)



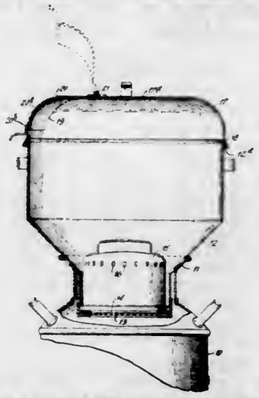
2. In a structural assemblage of the class described, a salt containing receptacle having a concentric central cylinder forming a pepper receptacle, said salt receptacle having its upper end formed with an annular ledge and associated screw threads, a closing disk seated on said ledge and having marginal screw threads releasably engaged with said first named screw threads, said closing disk having a plurality of distinguishable rows of apertures registering respectively with the salt and pepper receptacles, said disk being further provided centrally in its under side with an annular groove receiving the upper end of said cylinder, and being additionally provided with an opening, a manually oscillated spring retained valve disk superimposed on and operatively connected with said closing disk, an assembling pin carried by said valving disk and extending through said opening and provided with a closure washer for said opening.

2,065,062
VALVE FOR HIGH SPEED COMPRESSORS
Paul Dugelay, Paris, France, assignor to Société d'Exploitation de Brevets pour l'Industrie l'Aviation et l'Automobile (Sebia), Paris, France, a corporation of France
Application July 2, 1931, Serial No. 548,340
In France July 9, 1930
4 Claims. (Cl. 277—60)



1. A valve assembly for high speed compressors, comprising in combination a seat member in the form of a perforated flat plate, at least two edges of which are turned over, a sheet metal member provided with flat ends adapted to be slid under the turned over edges of said plate, and at least one valve lamella mounted between said seat member and the said sheet metal member so as to cover the perforations in said seat member.

2,065,063
MILK STRAINER AND COVER
Howard J. Ferris, Harvard, Ill., assignor to Starline Inc., Harvard, Ill., a corporation of Illinois
Application January 6, 1936. Serial No. 57,755
4 Claims. (Cl. 210—157)

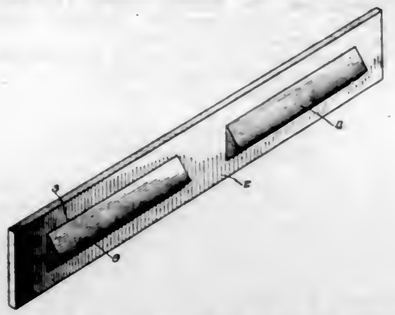


1. In apparatus of the class described, a milk can, a strainer of a size sufficient to hold a pail of milk and having a rim and having a lower portion shaped to conform to and closely fit within the top of the milk can, a cover for the strainer adapted to closely fit the rim of the strainer and having an opening therein of such circumferential and radial extent as to receive and support the rim of a milk pail on the circumferential wall thereof and provide a space inwardly thereof through which milk can be poured, and a lid movable to cover or uncover the opening, whereby the only communication between the outside atmosphere and interior of the strainer and can supporting the same in use, is through said opening.

2,065,064
PAVEMENT
Wallace C. Fischer, Chicago, Ill.
Application July 6, 1931, Serial No. 548,782
1 Claim. (Cl. 94—18)

An expansion joint strip comprising a base sheet provided with one or more elongated recesses, and filling sections for said recesses, said

filling sections projecting outwardly of the plane of the strip and being separate from the strip and tongue and groove joints formed between said



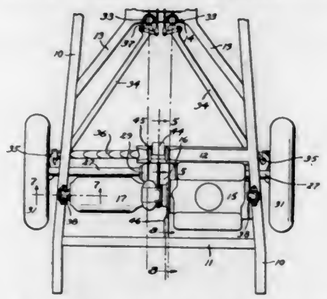
base sheet and the filling sections, said filling sections being of substantially the same structure and thickness as the base sheet.

2,065,065

AUTOMOBILE CHASSIS CONSTRUCTION

Henry Ford, Dearborn, Mich., assignor to Ford Motor Company, Dearborn, Mich., a corporation of Delaware

Application May 10, 1935, Serial No. 20,797
4 Claims. (Cl. 180—73)



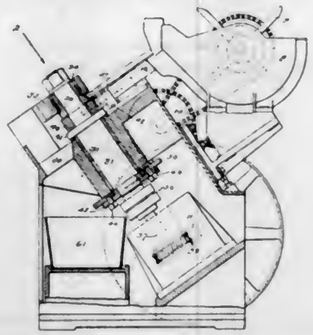
1. In a chassis construction, a frame having a transverse cross member at one end thereof, a unitary driving unit composed of an internal-combustion engine and axle gear housing and transmission, said transmission being aligned with the crank shaft of said engine and said axle gear housing being offset from said crank shaft, a drive shaft associated with said transmission which conveys the torque of the engine to the outer end of the transmission, a driving pinion rotatably mounted in said unit between said transmission and said engine, said transmission being connected to drive said pinion, an axle gear rotatably mounted in said axle gear housing in mesh with said pinion, the axis of said gear being offset similarly to said axle gear housing, resilient means for supporting the ends of said driving unit upon the side members of said frame with the axis of said engine and transmission extending transversely to said frame, less resilient means for supporting said offset gear housing upon said cross member so that vioration of said unit will move said gear housing to a lesser extent, axle shafts extending outwardly from the sides of said gear housing, said shafts being in driving connection with said axle gear, and driving wheels driven by and mounted at the outer ends of said axle shafts.

2,065,066

THREAD ROLLING MACHINE

Roy J. Freter and Albert H. Gaess, Waterbury, Conn., assignors to The E. J. Manville Machine Company, Waterbury, Conn., a corporation of Connecticut

Application April 4, 1936, Serial No. 72,756
9 Claims. (Cl. 80—7)



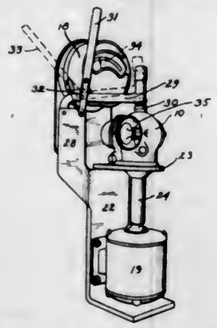
3. A machine for rolling screw threads which comprises a fixed concave die, a co-operating continuously rotating convex die for rolling threads on blanks, the arcs of said dies having substantially coincident vertically inclined axes, and a vertically inclined track down which the blanks feed by gravity hanging by their heads directly to the entrance opening between said dies, the inclination of said track and the faces of the dies being so related that the blanks to be threaded pass down the track and between the rolling edges of said dies in substantially the same inclined plane.

2,065,067

METHOD OF AND APPARATUS FOR ADJUSTING IGNITION DISTRIBUTORS

Fredrick J. Groven, Highland Park, Mich., assignor to Ford Motor Company, Dearborn, Mich., a corporation of Delaware

Application July 30, 1934, Serial No. 737,501
6 Claims. (Cl. 177—311)



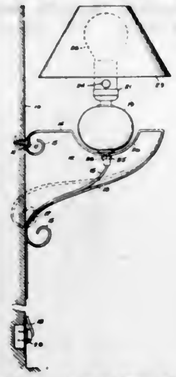
1. The method of ascertaining the length of the spark gap between ignition distributor contact points comprising, conducting current through said points while rapidly making and breaking said current by means of said points, and measuring the amperage of the current passing through said points, said current being substantially inversely proportional to said gap.

2,065,068

PORTABLE ELECTRIC LAMP

Leo Gudeman, New York, N. Y.

Application July 18, 1935, Serial No. 31,965
3 Claims. (Cl. 248—300)



1. In combination, a bracket of springy material having a pair of arms, one thereof being shorter than the other and adapted to support a lamp, the free end of the longer arm being slotted to accommodate an electric cord from the lamp, and means to attach the free end of the shorter arm to a supporting surface, while the longer arm springs away from the shorter arm to bring its free end into frictional contact with the supporting surface.

2,065,069

PROCESS FOR COATING PLASTER

George L. Hadden, South Orange, N. J., assignor to Doherty Research Company, New York, N. Y., a corporation of Delaware

No Drawing. Application January 26, 1935
Serial No. 3,647
2 Claims. (Cl. 91—68)

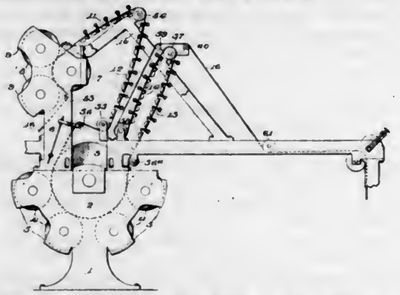
1. The process of finishing and decorating moist, freshly plastered walls which comprises applying a waterproofing coat of vulcanized substantially uncoagulated alkaline rubber latex, allowing the rubber to coagulate by evaporation, and applying a finishing coat of paint.

2,065,070

APPARATUS FOR DRYING MATERIALS APPLIED TO SHEETS

Milton E. Hanson, Collingswood, N. J., assignor to B. F. Sturtevant Company, a corporation of Massachusetts

Application January 29, 1931, Serial No. 512,077
5 Claims. (Cl. 101—416)



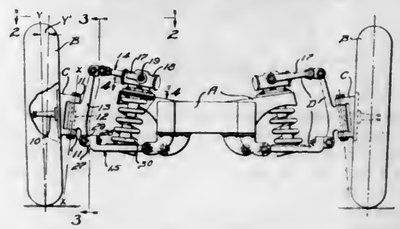
5. In a machine for applying a substance to a sheet or web, spaced adjustable means defining other than a planular path through which a sheet or web is adapted to travel, adjustable radiant means positioned between said first means to heat such sheet or web and the substance carried thereby, and means upon the opposite side of such path and adjustable towards and away from such path to apply a drying fluid to the surface of such sheet or web while in such path and carrying such substance.

2,065,071

VEHICLE WHEEL SUSPENSION

William W. Harris, Detroit, Mich., assignor to Chrysler Corporation, Detroit, Mich., a corporation of Delaware

Application July 12, 1934, Serial No. 734,734
2 Claims. (Cl. 280—124)



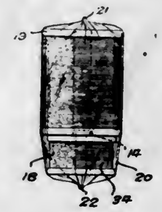
1. In a suspension for a steerable ground wheel of a motor vehicle having a frame structure, wheel supporting means including a kingpin, wheel displacement guiding means intermediate the frame structure and said supporting means, said guiding means including an arm member, a shock absorber carried by said frame structure and adapted for actuation by said arm member, a plate on said frame structure, means for adjustably fastening said plate to said frame structure, said shock absorber having a base mounted on said plate, means for adjustably securing said base to said plate, said adjustable means being so constructed and arranged that said shock absorber and plate may be shifted as a unit relative to said frame structure or said shock absorber shifted relative to said plate and frame structure for varying the normal position of said kingpin and wheel.

2,065,072

SPOOL

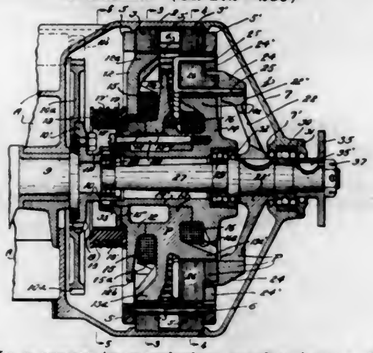
Elsa Hertzka, New York, N. Y.

Application October 17, 1930, Serial No. 489,359
7 Claims. (Cl. 206—47)



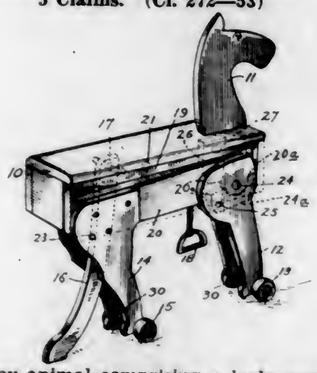
1. An assembled spool and bobbin provided with equivalent amounts of thread adapted for co-ordinate use on a sewing machine, comprising a bobbin to be concealed on a sewing machine, a visible spool, said bobbin and spool being adapted to unwind their respective threads simultaneously.

2,065,073
TRANSMISSION MECHANISM
Frank A. Jacklitch, Lakewood, Ohio, assignor to Milton W. Kleckner, trustee
Application February 23, 1935, Serial No. 7,732
5 Claims. (Cl. 172—239)



4. In a power transmission mechanism, a driving rotor adapted for connection to a prime mover, a driven rotor, a composite magnetic element carried by said driving rotor and including the members in axial alignment, having pole elements forming two sets of fields, windings for respective fields, settable control means to energize said windings for similar and relatively reverse current flow, the driven rotor having an armature of the squirrel cage type subject directly and indirectly, respectively, to the magnetic influence of said sets of pole elements, and driven thereby for forward and reverse speed relationships in accordance with the setting of said control means.

2,065,074
HOBBYHORSE
James D. Jeandell, Wilmington, Del.
Application June 13, 1935, Serial No. 26,480
5 Claims. (Cl. 272—53)



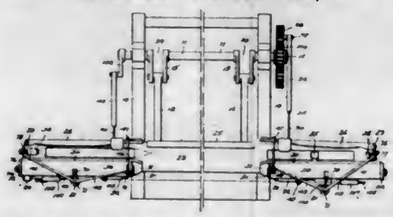
5. A toy animal comprising a body portion, a frame under the body, front legs attached to the front end of the frame, rear legs fixedly secured to the rear end of said frame, a tail piece pivotedly secured to the rear portion of the body and extending downwardly to be engageable with the ground, and pivotal means securing the body to said frame to permit vertical rocking movement of the body whereby rocking of the body on said pivotal means will cause the tail piece to effect an intermittent progressive push to the toy resulting in forward lineal movement of the toy.

2,065,075
METER FOR VEHICLE PARKING
Herman S. Johns, Oklahoma City, Okla., assignor to Dual Parking Meter Company, Oklahoma City, Okla., a corporation of Delaware
Application October 23, 1935, Serial No. 46,318
6 Claims. (Cl. 194—1)



1. In a device of the class described, a housing including a hollow head and a hollow base, a shaft extending through a wall of the base, means for driving the shaft at a uniform speed, a coin receiving passage in the head having a transparent wall, a spiral conveyor journaled in the head, extending along the passage and adapted to engage a coin therein for permitting its movement along the passage, and operative connections between the shaft and the conveyor.

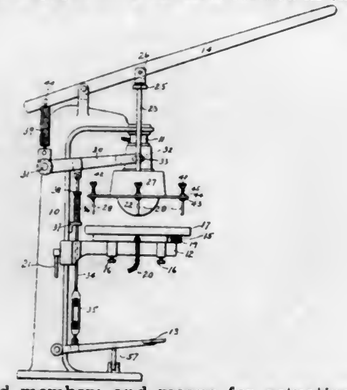
2,065,076
LOOM
Charles L. Kennedy, Columbia, S. C.
Application April 9, 1932, Serial No. 604,303
25 Claims. (Cl. 139—145)



1. In a shuttle mechanism, a picker, a spring for driving the picker, a trigger for releasing the picker and, shuttle check mechanism and means for releasing the shuttle check mechanism prior to release of the picker.

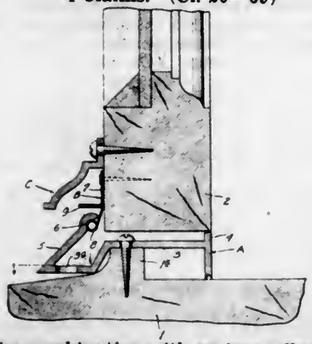
2,065,077
HAT FORMING MACHINE
Isadore Kiwad, Brooklyn, N. Y.
Application April 11, 1936, Serial No. 73,821
6 Claims. (Cl. 223—12)

1. In combination with a device of the class described having a frame structure, an upper die member, a lower die member, and means for actuating said die members; a ring, having an inwardly and downwardly slanting face, associated with one of said die members; a flanged member, having a plurality of tiltable feeding fingers for engaging the blanks to be formed, associated with the other die member; said fingers engaged in radial slots formed in the said



flanged member; and means for actuating said flanged member.

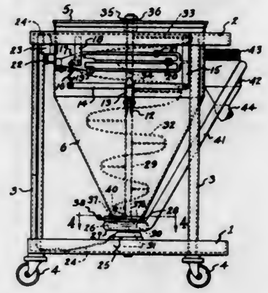
2,065,078
WEATHER STRIP
Alfred M. Lane, St. Louis County, Mo., assignor to Monarch Metal Weatherstrip Corporation, St. Louis, Mo., a corporation of Missouri
Application July 3, 1935, Serial No. 29,587
4 Claims. (Cl. 20—69)



1. The combination with an inwardly swinging closure and a sill therefor, of a weatherstrip comprising two members mounted on the sill and on the closure, respectively, the sill member comprising a strip of rigid metal having a trough therein disposed beneath said closure in closed position thereof with its outer wall located outwardly of the closed closure, the closure member comprising a strip of resilient metal secured along its upper margin only to the outer face of said closure and having a free lower marginal portion spaced from and adapted in the closed position of said closure to yieldably engage said outer wall of the trough in said sill strip, said closure member being provided with an outstanding longitudinal fold that overhangs the free lower marginal portion thereof, and a drip strip secured to the outer face of said closure and overhanging the sill strip engaging margin of said closure strip and said longitudinal fold.

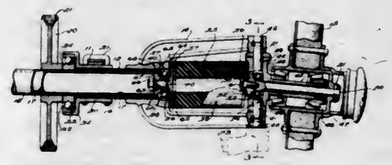
2,065,079
WEIGHING, SIFTING, AND DELIVERING APPARATUS
Edward J. Lauterbur, Sidney, Ohio
Application November 29, 1933, Serial No. 700,341
4 Claims. (Cl. 209—240)

1. In apparatus of the character described, a container, a blower communicating with the bottom of the container to receive material therefrom, a tubular shaft extending down through the interior of the container, with an inlet at its



top and with an outlet at its bottom into the blower, an agitator rotatable with said shaft in the container, and means for driving the blower and rotating said shaft and agitator, said blower having an outlet leading upwardly therefrom.

2,065,080
MOTOR VEHICLE
Roger K. Lee, Highland Park, Mich., assignor to Chrysler Corporation, Detroit, Mich., a corporation of Delaware
Application May 3, 1933, Serial No. 669,113
10 Claims. (Cl. 180—43)

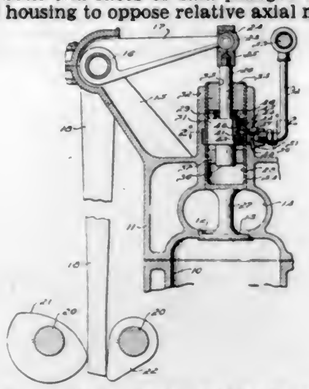


1. In an automotive vehicle, a wheel and axle assembly comprising an elongated cylindrical member, a pair of tubular shafts arranged in end-to-end relation on but unsecured to said member, universal joint means secured to the outer end of each tubular shaft, drive means secured to each tubular shaft, a support member journaled on each tubular shaft, an axle yoke fixed to the outer end of each support member, a wheel spindle pivotally connected to each yoke, a wheel journalled on each spindle, and a spindle shaft journalled in each spindle and connected at one end to one of the universal joints and at the other end to one of the wheels for driving the latter.

2,065,081
VALVE OPERATING MECHANISM
Roger K. Lee, Highland Park, Mich., assignor to Chrysler Corporation, Detroit, Mich., a corporation of Delaware
Application January 25, 1934, Serial No. 708,191
10 Claims. (Cl. 123—90)

1. A valve mechanism comprising a pair of axially aligned valve stems, a housing on one of said valve stems, a plunger fixed to the other stem and arranged in said housing, said housing providing a fluid pressure receiving enclosure at each end face of said plunger, a source of fluid under pressure, and means for introducing fluid from said source into said housing be-

tween both end faces of said plunger and parts of said housing to oppose relative axial movement

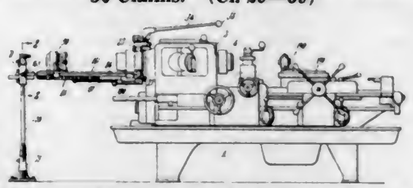


of said stems both toward and away from each other.

2,065,082
ELECTRODEPOSITION OF METALS
Bernard F. Lewis, Detroit, Mich., assignor to Northwest Chemical Co., Inc., Detroit, Mich., a corporation of Michigan
No Drawing. Application July 19, 1934, Serial No. 736,047
1 Claim. (Cl. 204—10)

An electroplating bath for electrodepositing copper containing the following substances in substantially the proportions named: .10 to .50 ounce of copper; .25 ounce of free alkali cyanide; .90 ounce of sodium citrate or other salt having the citrate radical; .007 ounce of aluminum or of a metal of the same group; .25 ounce of sulphate compounds; .50 ounce of sodium hydroxide or its chemical equivalent, in 1 gallon of water.

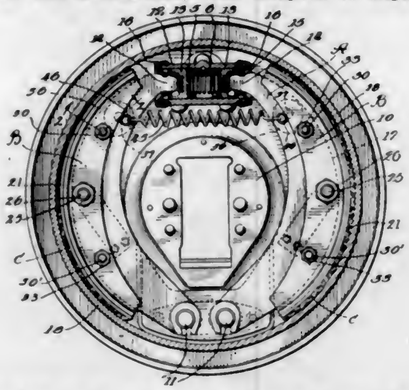
2,065,083
STOCK FEEDING MECHANISM
John E. Lovely, Springfield, Vt., assignor to Jones & Lamson Machine Company, Springfield, Vt., a corporation of Vermont
Application May 7, 1934, Serial No. 724,357
30 Claims. (Cl. 29—59)



1. In combination, a chuck for receiving a length of work, stock-gripping means back of said chuck, and means including connections to said gripping means and chuck and a single operating member actuable in one manner to move said gripping means toward said chuck while said chuck is open to feed the stock and in another position to retract said gripping means relative to the stock to change the position of its engagement with said stock.

2,065,084
BRAKE MECHANISM
Malcolm Loughead, Los Angeles, Calif., assignor to Hydraulic Brake Company, Los Angeles, Calif., a corporation of California
Application August 19, 1931, Serial No. 557,984
19 Claims. (Cl. 188—79.5)

2. A brake mechanism comprising a brake drum, a brake shoe, a pivotal mounting for the brake shoe, a stop member carried by the brake shoe, and a stationary cam adapted to engage



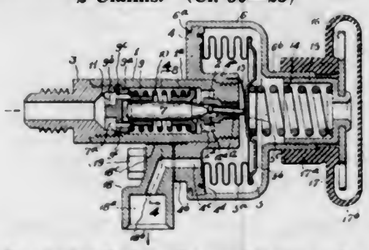
the shoe in its retracted position, said cam having a surface of such slope as to cause the shoe to move toward the drum when the shoe expands due to heat.

2,065,085
VEHICLE VENTILATOR
Lionel Lynes, London, England
Application October 11, 1934, Serial No. 747,942
In Great Britain October 19, 1933
12 Claims. (Cl. 98—2)



1. A ventilator for a moving vehicle comprising a frame surrounding a ventilating opening which frame is adapted to be disposed with the plane of the opening approximately parallel with the general direction of the travel of the vehicle, a vane arranged in said opening approximately parallel with said plane, which vane has its inner face near the leading edge flared outwardly and its outer face near the trailing edge also flared outwardly to a greater extent than that of the leading edge.

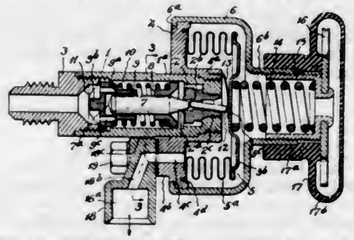
2,065,086
VALVE
Edward M. May, Detroit, Mich.
Application May 24, 1933, Serial No. 672,547
2 Claims. (Cl. 50—23)



1. In a valve device, the combination of a valve member; a casing structure for the valve member comprising a movable diaphragm enclosed by other parts of the casing structure and adapted

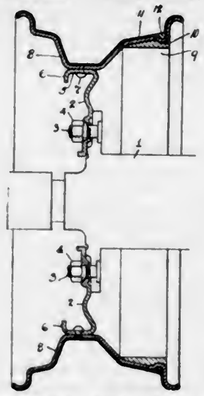
to actuate the valve; a spring within the casing structure for moving the diaphragm; manually operable means extending to the exterior of the casing structure for adjusting the tension of the spring; and a substantially moisture-proof cap covering the exterior part of the manually operable means and the adjacent part of the casing structure, the cap being soft enough to collapse upon the manual means when the latter is grasped so that the manual means can be actuated without removing the cap.

2,065,087
VALVE
Edward M. May, Detroit, Mich.
Application September 7, 1935, Serial No. 39,585
13 Claims. (Cl. 50—23)



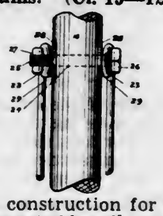
1. In a valve device, the combination of a casing structure having a port and a valve seat associated with said port; a reciprocatory valve arranged to engage the valve seat and control flow through the port; and means for guiding the valve in its opening and closing movements comprising a member frictionally engaging the valve and movable therewith, a part of the casing structure movably engaged by said member, and means for pressing said member into firm engagement with said part of the casing structure during movement of the member, whereby the movement of the member is effectively guided in a predetermined path relative to the valve seat.

2,065,088
RIM
Homer L. Mueller, Cleveland, Ohio, assignor to The Cleveland Welding Company, Cleveland, Ohio, a corporation of Ohio
Application January 28, 1932, Serial No. 589,327
4 Claims. (Cl. 301—6)



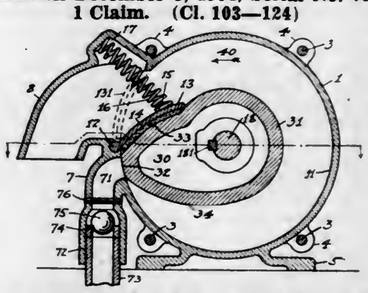
1. In a vehicle wheel, an annular tire supporting steel rim provided on its inner periphery with a radially outwardly sloping annular area and a radially inwardly extending area adjacent the outer edge of said annular area, and an annulus of iron cast against the inner periphery of said rim over said areas, said annulus providing a cylindrical braking surface concentric with the axis of said rim.

2,065,089
PIVOT ARM CONSTRUCTION FOR WRINGER MOPS
John L. Nilson, Chicago, Ill.
Application March 23, 1936, Serial No. 70,353
2 Claims. (Cl. 15—120)



2. A pivot arm construction for wringer mops, comprising an elongated handle, a pivot arm, said pivot arm having a pair of substantially parallel side portions joined by a bottom portion, each of said side portions ending in a substantially loop shaped portion, said loops being pivotally mounted on said handle, said loops being formed so that they are not at a right angle to said pivot means, and means for exerting pressure on said loops until they are positioned at a right angle to said pivot means, to thereby frictionally pivot said pivot arm to said handle, so that as said pivot arm is swung toward and away from said handle said pivot arm will stay in any desired position with respect to said handle to which it is moved by the operator.

2,065,090
FLUID PRESSURE PUMP OR MOTOR
Alfred Nittka, Pigeon, Mich.
Application December 3, 1934, Serial No. 755,774
1 Claim. (Cl. 103—124)

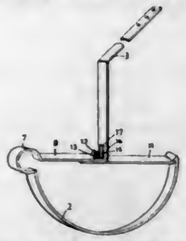


In a pump body, the combination, with a housing having a cylindrical bore and having one end integral therewith, of a rectangular discharge spout three sides of which are integral with said housing, and a cover upon the other end of said housing having an extension adapted to form the fourth side of said spout, and a cylindrical inlet connection integral with said housing and positioned below said spout.

2,065,091
TROUGH HANGER
Elmer W. Petersen, Chicago, Ill., assignor of one-half to William A. Bertram, Chicago, Ill.
Application November 2, 1935, Serial No. 47,947
4 Claims. (Cl. 248—48.1)

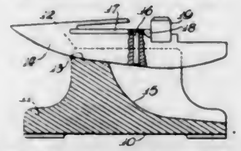
1. A device for hanging troughs or the like comprising an integral strap bent to form two

parts, one comprising a roof engaging bar and the other comprising a trough engaging portion adapted to extend about the trough, said roof engaging bar being connected to one end of said trough engaging portion substantially centrally



across the open side of the trough, the other end extending to and meeting the first end of said trough engaging portion, slots in said first end and in said roof engaging bar, and a tongue struck up from said other end for interlockingly fitting in said slots.

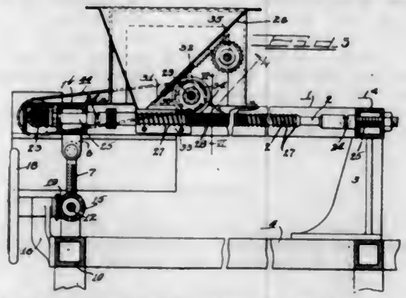
2,065,092
ANVIL FOR RIVETING GUARD LEDGER PLATES
Clemma R. Raney, Riverside, Ill., assignor to International Harvester Company, a corporation of New Jersey
Application July 5, 1935, Serial No. 30,044
2 Claims. (Cl. 78—6)



1. An anvil for use in removing a rivet pin from a harvester guard assembly, said anvil comprising a block having a substantially flat top formed with a lengthwise groove extending the length of the top, said groove at one end of the block for a relatively short portion of the length of the block being of a shallow depth to fit and receive the under side of the forward body portion of the guard, said groove being abruptly dropped to form a relatively deep groove extension of substantially V-shape in cross section to leave an open space below the heel end of the guard with the sides of the groove near the top of the block serving to be engaged by the sides of the guard to support the guard, the major portion of the deep end of the groove being of a depth to receive the length of a rivet passed vertically downwardly from the guard, said groove being curved to guide a freed rivet gravitationally to the deepest end of the groove and out of the block.

2,065,093
NUT BLANCHING MACHINE
Eugene J. Rebechini, Chicago, Ill.
Application November 9, 1934, Serial No. 752,198
10 Claims. (Cl. 146—32)

1. In a nut blanching machine, mechanism for blanching nuts including a plurality of rotatable and parallel spiral elements, rotatable members mounted adjacent and above said elements for acting on said nuts, a hopper for feeding nuts to said mechanism, an adjustable feed gate on said hopper, means carried by said gate for supporting said rotatable members and means for adjusting said gate for simultaneously varying the discharge and the positions of said ro-



tatable members with respect to said spiral elements and means for rotating said spiral elements and members.

2,065,094
SPRING SUSPENSION
Harry K. Reinoehl and Joseph Kuttler, Fort Wayne, Ind., assignors to International Harvester Company, a corporation of New Jersey
Application November 14, 1935, Serial No. 49,778
4 Claims. (Cl. 267—54)

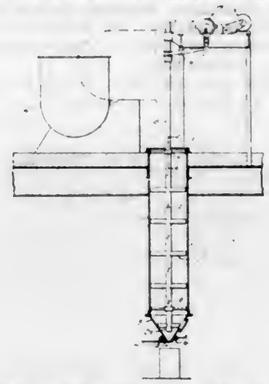


1. In a spring mounting for vehicles, the combination with a vehicle frame and an axle, of a leaf spring mounted on the axle, means for supporting the frame on one end of the spring including a link pivotally connected to the frame on a transverse axis above the spring and between the ends thereat, said link extending from its pivot on the frame towards the end of the spring and thereabove being pivotally connected with the spring at its end, stop means provided on the frame above the link adjacent its pivotal connection with the spring whereby the frame is supported at the end of the spring during normal flexing of the spring, a second stop means below the link adjacent its pivotal connection of the link with the frame positioned to engage the spring at a point spaced from the end thereof during extreme flexing of the spring whereby the load carrying capacity of the spring is increased, and means for supporting the frame on the other end of the spring.

2,065,095
PROCESS AND APPARATUS FOR DISPENSING PASTES
Riewen Riegler, Buffalo, N. Y., assignor to National Aniline and Chemical Company, New York, N. Y., a corporation of New York
Application April 29, 1933, Serial No. 668,480
2 Claims. (Cl. 221—120)

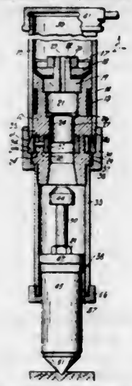
1. A dispenser for pastes comprising a vertically disposed cylindrical vessel having a tapered upper end to constitute a charging hopper therefor and a frusto-conical lower end of diminishing diameter having a discharge opening at the apex thereof, a vertically disposed shaft within said container having agitator blades affixed thereto, said shaft being adapted for vertical oscillation, one end of said shaft being disposed

in proximity to said discharge opening whereby said shaft is adapted to act as a discharge plunger



for material in said container, and a motor arranged for oscillating said shaft.

2,065,096
MULTIPLE JOINT PNEUMATIC LIFTING JACK
Abbott G. Robinson, Pioche, Nev.
Application March 7, 1936, Serial No. 67,601
12 Claims. (Cl. 254—93)



2. A multiple joint pneumatic jack, including in combination, three joint sections operative to telescope one into another, and so disposed that when compressed air is introduced into the first joint section, the second section is forced out of the first section and automatically interlocked therewith when fully extended, and after the first two sections are interlocked, the third section is forced out of the second section.

2,065,097
STREET CROSSING SIGN
Walter F. Rogers, Chicago, Ill., assignor to Crown Stove Works, Cicero, Ill., a corporation of Illinois
Application September 11, 1936, Serial No. 100,225
6 Claims. (Cl. 40—145)

2. A street crossing sign, comprising an upright sign holder adapted to be mounted at its lower end on a support and formed with a plurality of relatively superposed wide flat seat sections disposed at an angle to each other, each of said seat sections having spaced ribs on each of its opposite sides, and a corresponding plurality of pairs of sign plates, the plates of each pair



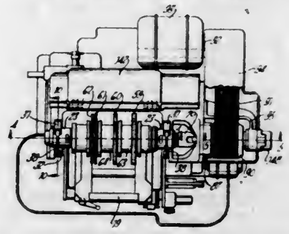
being attached to the ribs of one of said seat sections on opposite sides respectively thereof.

2,065,098
METHOD OF MAKING PLAQUETS FOR SPECTACLES OR EYE-GLASSES
Hans Rollbühler and Walter Döbbelin, Schwabisch-Gmund, Germany, assignors to Ferdinand Menrad, Schwabisch-Gmund, Germany, a factory of Germany
Application May 6, 1935, Serial No. 20,008
In Germany March 10, 1934
4 Claims. (Cl. 29—20)



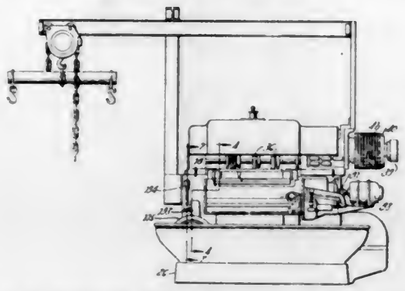
1. A method of manufacturing noncorrodible plaquets for spectacles or eye-glasses which consists in covering a wire with a noncorrodible material, such as gold, double-bending the wire at its mid-portion to form a stem, and flattening the end portions of the wire materially to reduce them in thickness whereby they are spread out and lie in a plane at right angles to the stem.

2,065,099
GRINDING MACHINE
Millard Romaine and Walter D. Archea, Cincinnati, Ohio, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio, a corporation of Ohio
Application December 19. 1932, Serial No. 647,868
7 Claims. (Cl. 51—166)



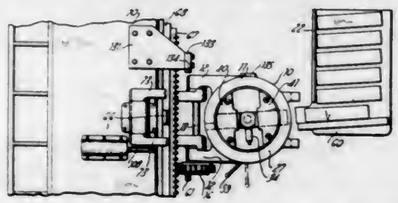
1. In a mechanism of the class described the combination of a spindle, a bearing for each end of the spindle and including a shell for each bearing whereby the bearings within each shell may be adjusted, and a tool supporting cylinder carried by the spindle, said cylinder having a bore therethrough whereby it may be removed from the spindle over the said bearings without disturbing the adjustment thereof.

2,065,100
GRINDING MACHINERY
Millard Romaine, Cincinnati, Ohio, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio, a corporation of Ohio
Application March 3, 1934, Serial No. 713,890
29 Claims. (Cl. 51—103)



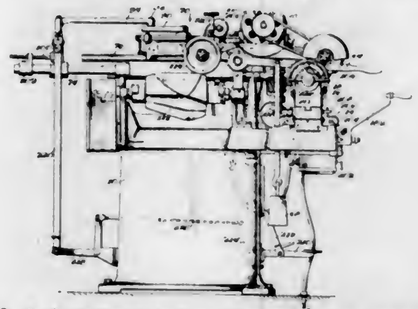
19. A grinding machine including a grinding wheel and an opposed work support, means pivotally supporting one of said parts for oscillatory movement with respect to the other for effecting a relative feeding movement, a shiftable wedge engaging the oscillatable part for imparting oscillations thereto, and means for effecting a controlled variable rate of movement of the wedge.

2,065,101
BROACHING MACHINE FIXTURE
Millard Romaine, Cincinnati, Ohio, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio, a corporation of Ohio
Application May 6, 1935, Serial No. 19,912
19 Claims. (Cl. 90—33)



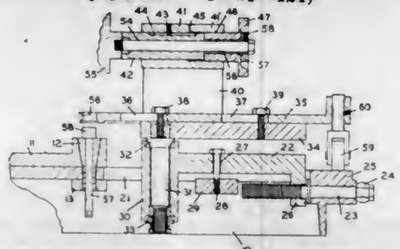
14. In a machine of the character described, the combination with an oscillatable work holder and power operable clamp means for securing the work holder in one of its oscillated positions, of a plurality of hydraulic motors for controlling respectively the oscillation of the work holder and the engagement and disengagement of the clamps relative thereto, an hydraulic actuating system including a source of fluid under pressure and a plurality of serially arranged valves for determining the actuation of said motors, manually operable means for shifting one of said valves to initiate a cycle of movement of the motors, mechanically operable devices for effecting subsequent movements of the valves in predetermined sequence and thereby sequential actuation of the motors to oscillate the work holder and subsequently clamp same in operative position, a releasable interlock for control of tool actuation, an hydraulic actuator therefor, and means operatively coupling the hydraulic actuator with the source of fluid pressure in one position of adjustment of said serially arranged valves.

2,065,102
FORMING MACHINE
James Lee Simmons, Colmar Manor, Md., assignor to Engineering and Research Corporation, Washington, D. C., a corporation of the District of Columbia
Application June 26, 1934, Serial No. 732,543
15 Claims. (Cl. 90—13.7)



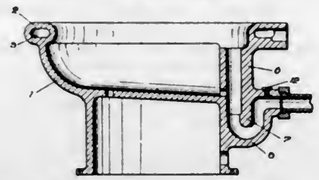
6. A forming machine comprising a base, a work support mounted on said base for straight line movement, a carriage mounted on said base for reciprocating movement, a forming tool carried by said carriage and movable across said work support, a movably mounted pattern for determining the vertical position of said forming tool with respect to the work support, means for reciprocating said carriage, and means operated by the movement of said carriage for moving said work support and said pattern, said last named means including a rod slidably mounted on said base, lugs adjustably mounted on said rod whereby the amount of movement of the work support and pattern for each movement of the carriage can be adjusted, a train of gearing having one element engaging the work support and another engaging the pattern, reversible pawls engaging said gearing and connected to said rod to be operated thereby, means for determining the operating direction of said pawls, and a member carried by said carriage for engaging said lugs as the carriage reciprocates.

2,065,103
LENS GRINDING MACHINE
Leon G. Simpson, Rochester, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application November 1, 1935, Serial No. 47,837
6 Claims. (Cl. 51—124)



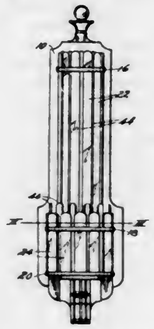
1. In a lens grinding machine, a grinding element, a base, a lens holding member, means for pivotally supporting said lens holding member, means for slidably supporting said pivotal supporting means, means for sliding said slidable supporting means and means for retaining said lens holding member at a predetermined distance from said grinding element during movement of said slidable supporting means.

2,065,104
LAVATORIES, BIDETS, ETC.
Pinkus Stamberger, Cracow, Poland
Application April 4, 1935, Serial No. 14,642
In Poland April 20, 1934
1 Claim. (Cl. 4—7)



A lavatory or bidet, wherein the siphon forms a unit with the basin and is cast from the same material as the latter, the top portion of the discharge channel of the siphon being provided with a clean-out opening and a plug disposed above the water level of the siphon for closing said clean-out opening.

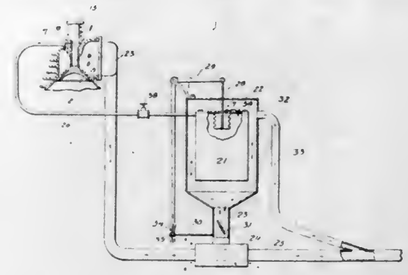
2,065,105
LIGHTING FIXTURE
Marion A. Summerour and Harry C. Devine, Jr., Kansas City, Kans., assignors to Summerour & Devine, Inc., Kansas City, Mo., a corporation of Missouri
Application September 23, 1935, Serial No. 41,673
7 Claims. (Cl. 240—73)



1. A lighting fixture comprising a plurality of brackets provided with slots; a series of spaced-apart, translucent panels supported by the brackets, extending through certain of said slots; and opaque strips extending through others of said slots, bridging the spaces between and overlapping the adjacent panels of the series, said strips being arcuate in transverse cross section and disposed in spaced relation to the said panels whereby to reflect light rays directed thereagainst by the said panels.

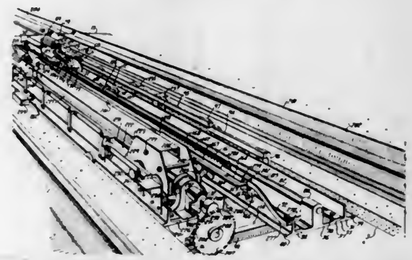
2,065,106
VALVE COOLING MEANS
William J. Symons, West Los Angeles, Calif.
Application February 13, 1933, Serial No. 656,427
3 Claims. (Cl. 123—177)

1. In an internal combustion engine, the combination with the exhaust valves, of a receptacle for a substance capable of rapid expansion under atmospheric temperatures to generate a pressure fluid within said receptacle, a heat insulating casing encompassing said receptacle in spaced relation thereto, means for circulating a heat medium through the space between said receptacle and the said casing, means responsive to pressure variations within said receptacle for



controlling the flow of said heat medium, and means for carrying fluid from said receptacle to the heads and seats of the said exhaust valves for cooling purposes.

2,065,107
APPARATUS FOR PARKING AND DELIVERING VEHICLES
Frederick E. Turner and William P. Allred, Jr., Kansas City, Mo.; Katharine Turner executrix of will of said Frederick E. Turner, deceased
Application February 26, 1934, Serial No. 712,942
32 Claims. (Cl. 104—50)

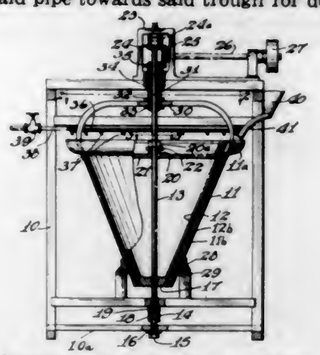


1. In apparatus of the character described, a platform, a support carried by the platform for longitudinal movement thereon, a carrier movably mounted on the support, means for moving said support longitudinally on the platform, means operatively connected with said support-moving means for moving the carrier on the support, and a wheeled extension connected with the carrier.

2,065,108
MACHINE FOR POLISHING MINERAL PARTICLES
Charles B. Ulrich, Jamestown, N. Y., assignor of one-third to A. J. Forschner, Chicago, Ill., and one-third to Ralph H. Burke, Evanston, Ill.
Application November 10, 1934, Serial No. 752,540
13 Claims. (Cl. 51—26)

7. In a machine of the class described, the combination of outer and inner drums mounted vertically for relative rotation with a space between them, gearing for imparting relative rotation to said drums, one of said drums having a trough at its supply end around the adjacent end of the other of said drums, an annular water supplying

pipe above said trough, spaced nozzles extending from said pipe towards said trough for delivering



water thereto, and means for supplying mineral particles to said trough.

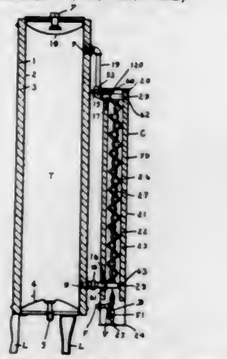
2,065,109

SLOW RECOVERY CONVERTER WATER HEATING SYSTEM

Michael W. Belka and John F. Wood, Lowell, Mass.

Application April 21, 1934, Serial No. 721,692

2 Claims. (Cl. 122—14)



1. The combination in a slow recovery circulating water heating system; of an insulated storage tank including a cold water inlet and a hot water outlet pipe; with a converter including an insulated heating stack of relatively small diameter with reference to its height, a water heating member which comprises a water coil which extends from the bottom to the top of the stack, the top of the heating member including a relatively heavy holding tube and the bottom of the heating member including a relatively heavy holding tube, both of said holding tubes extending through the side of the stack and through the side of the tank, thereby supporting the converter and connecting it only through the tank with the cold water inlet and the hot water outlet pipes, and a fluid fuel supply pipe which terminates in a burner positioned at the bottom of the heating member under the bottom holding tube, said burner, the fuel supply pipe, the heating member and stack being so adjusted and proportioned as to effect complete combustion and to slowly and evenly heat the entire heating member and to normally heat the contents of the tank and other parts; together with a thermostat controlled by the temperature of the circulating water and controlling a fuel regulating valve in the fuel supply pipe to limit the temperature of the water and the amount of fuel consumed.

2,065,110

METHOD OF PREPARING METAL PICRATES

John C. Bird, Philadelphia, Pa., assignor to John Wyeth & Brother, Incorporated, Philadelphia, Pa., a corporation of Delaware

No Drawing. Application May 9, 1934, Serial No. 724,825

9 Claims. (Cl. 260—13)

4. The method of preparing compounds of picric acid by a metathetical reaction which comprises adding to a solution of silver picrate in a lower glycol ether a metal halide, the metal of the metal halide being capable of replacing the silver of the silver picrate and the halogen of which is capable of combining with silver to form an insoluble precipitate.

2,065,111

PICRIC ACID COMPOUNDS

John C. Bird, Montclair, N. J., assignor to John Wyeth & Brother, Incorporated, Philadelphia, Pa., a corporation of Delaware

No Drawing. Application February 28, 1935, Serial No. 8,778

10 Claims. (Cl. 260—143)

1. The method of preparing alkyl picrates which comprises reacting upon silver picrate in solution in a lower monoalkyl ether of diethylene glycol with an alkyl halide.

2,065,112

PROCESS FOR SEPARATING ACIDIC GASES

Robert Roger Bottoms, Louisville, Ky., assignor to The Girdler Corporation, Louisville, Ky., a corporation of Delaware

No Drawing. Application December 1, 1933, Serial No. 700,613

6 Claims. (Cl. 23—2)

1. The process of separating carbon dioxide from gaseous mixtures in the presence of metallic walls, and whereby corrosion of said metallic walls is substantially prevented, which includes effecting intimate contact of a gaseous mixture with an absorbent agent in liquid form which will liberate the carbon dioxide upon subsequent treatment and become regenerated, and which includes an oxygenated nitrogen compound selected from the group consisting of amines free from carboxyl, carbonyl or primary alcohol groups and which contains secondary or tertiary alcohol groups or an ether group.

2,065,113

PROCESS OF PRODUCING LOWER ALIPHATIC AMINO ALCOHOLS

Robert Roger Bottoms, Louisville, Ky., assignor to The Girdler Corporation, Louisville, Ky., a corporation of Delaware

No Drawing. Application July 19, 1934, Serial No. 736,046

10 Claims. (Cl. 260—127)

1. The process of forming lower aliphatic primary amino alcohols devoid of phenyl nuclei, which comprises providing the corresponding halogen compound with the halogen in the position in which it is desired to obtain the amino group, adding this compound to an aqueous solution containing not less than 25% ammonia, contained in an autoclave, at a temperature above 45° C. and under at least such pressure as results from such heating of such aqueous ammonia, and adding an alkali after the reaction with the ammonia is completed.

9. In the process of making lower amino alkylols, the step of adding a chloro alkylol to an aqueous solution containing not less than 25% ammonia, contained in an autoclave, at a temperature above 45° C. and under at least such pressure as results from such heating of such aqueous ammonia.

2,065,114

METHOD OF ANALYSIS

Frank J. Cahn and Albert K. Epstein, Chicago, Ill.; said Cahn assignor to said Epstein, Marvin C. Reynolds, and Benjamin R. Harris, Chicago, Ill., doing business as Epstein, Reynolds and Harris

No Drawing. Application March 11, 1935, Serial No. 10,353

2,065,121

7. The method of determining the total solid content of liquid egg material which comprises adding thereto a compound of the class consisting of sodium chloride, calcium chloride, sodium nitrate, ammonium chloride, ammonium nitrate, sodium acetate, ammonium acetate, sodium bicarbonate, ammonium bicarbonate, ammonia (28%), primary potassium phosphate solution, potassium iodide, sodium sulphate, potassium sodium tartrate, 0.16 normal sodium hydroxide and sodium thiocyanate, said compound being employed in an amount sufficient to disperse egg proteins and insufficient to precipitate the same, whereby the liquid egg material is rendered optically homogeneous, and thereafter determining the refractive index thereof.

2,065,115

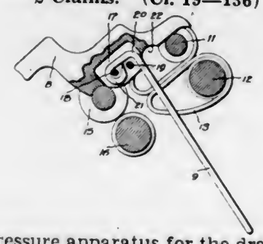
PRESSURE APPARATUS FOR THE DRAWING MECHANISMS FOR TEXTILE ROVINGS

Fernando Casablancas, Sabadell, Spain

Application November 23, 1933, Serial No. 699,451

In Spain December 20, 1932

2 Claims. (Cl. 19—136)



1. A pressure apparatus for the drawing mechanisms for textile rovings having a pair of front and back drawing cylinders comprising a pressure saddle to rest initially upon the upper front and back cylinders, a pair of pins mounted and spaced apart upon the saddle, and a pressure rod having one end bent at substantially a right angle to pass over and adjacent to one of said pins and terminating in an eye to engage the other pin whereby the rod transmits pressure through the latter pin to load the front and back cylinders and movement of the rod into contact with both pins permits withdrawal of the upper front cylinder without unloading the back cylinders.

2,065,116

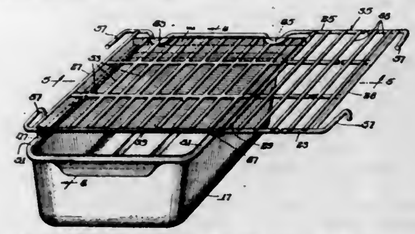
SHELF CONSTRUCTION

Arthur R. Constantine, River Forest, and Andrew A. Gedde, Chicago, Ill., assignors to General Household Utilities Company, Chicago, Ill., a corporation of Delaware

Application February 23, 1934, Serial No. 712,564

9 Claims. (Cl. 211—153)

1. A shelf structure for a refrigerator comprising spaced apart frame members defining an opening, imperforate cover means supported on said frame members and extending in said opening in position to support materials thereon and flanged support means on said cover means and adapted to suspend beneath said cover means,



a container having an open top and marginal flanges adapted to slidingly engage the flanged support means whereby the same may form a closure for the container and prevent circulation of air into said container through its open top.

2,065,117

METHOD OF MAKING A WATER-SOFTENING CLEANSER

Bert O. Crites, University Heights, Ohio, assignor to The Climalene Company, Canton, Ohio, a corporation of Ohio

No Drawing. Application April 19, 1933, Serial No. 666,857

1 Claim. (Cl. 87—5)

A process of making a water softening cleanser which comprises melting about 45 to about 65 parts by weight of normally solid commercial soap-making fatty acids of not less than 98 per cent free acid content to a temperature of about 120° F., stirring said acid, adding about 35 to about 45 parts by weight of sodium sesqui-carbonate, and about 2 to about 10 parts of trisodium phosphate to said acid, and continuing said stirring action until balls of pebble-like character are formed, then disintegrating such balls to produce firm substantially dustless coherent particles of uniform composition.

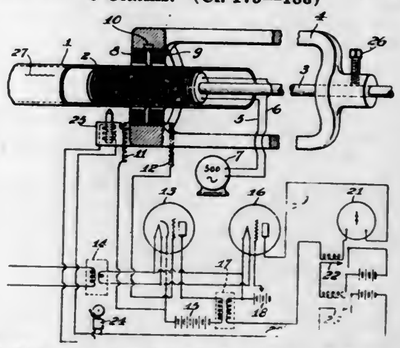
2,065,118

METHOD AND APPARATUS FOR TESTING METALS FOR DEFECTS

Archibald H. Davis, Jr., New Castle, Pa., assignor, by mesne assignments, to Steel and Tubes, Inc., Cleveland, Ohio, a corporation of Ohio

Application August 13, 1932, Serial No. 628,677

9 Claims. (Cl. 175—183)



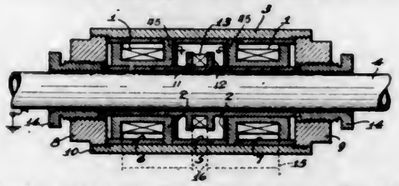
6. An apparatus for locating defects in metallic non-magnetic tubing comprising an ex-

citing coil member arranged for passage concentrically through its field of the tube to be tested, said coil being adapted for connection to a source of substantially constant current, exposure of the tubing to said field causing circulating currents to be set up in the tubing creative of a counter-magnetic field external to the coil which is symmetrical in regions free from defects, a detector member comprising a pair of electrically identical coils connected in opposition and arranged symmetrically in the exciting and counter-magnetic fields, and electrical indicating means operatively connected to said detector coils for actuation thereby, said currents induced in said detector coils neutralizing each other in regions free from defects, and the occurrence of a defect causing distortion of said counter-magnetic field and thereby causing said detector coils to become unbalanced and create a voltage which actuates said indicating means to show the presence of the defect, and means associated with one of said members for adjusting it relative to the other member for electrically centering the detector coils to be neutral in regions free from defects.

2,065,119
FLAW DETECTION

Archibald H. Davis, Jr., New Castle, Pa., assignor, by mesne assignments, to Steel and Tubes, Inc., Cleveland, Ohio, a corporation of Ohio

Application June 30, 1933, Serial No. 678,370
11 Claims. (Cl. 175—183)

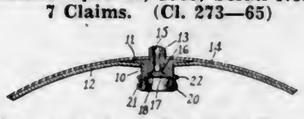


1. An apparatus for testing a metallic article for defects, comprising an exciting coil arranged for passage through its field of the article to be tested, a detector coil arranged to lie in the field of said exciting coil and in the counter-magnetic field set up externally of the article by the circulating currents induced in the article by said exciting coil, electrical means connected to said detector coil for indicating distortion of said counter-magnetic field caused by a defect in the article as it passes through the fields of said coils, and means adapted to render said detector coil non-responsive to the primary field of the exciting coil and non-responsive to normal variations in said counter-magnetic field in regions of the article free from defects, while being responsive to said distortion of the counter-magnetic field caused by a defect.

2,065,120
VALVE FOR INFLATABLE BALLS

Wallace W. De Laney, New Haven, and Paul S. Madsen, Bethany, Conn., assignors to The Seamless Rubber Company, Inc., New Haven, Conn., a corporation of Massachusetts

Application April 12, 1935, Serial No. 16,042
7 Claims. (Cl. 273—65)



1. Valve means for inflatable balls comprising a body member having a passage therein, a cone-shaped valve seat at the lower end of the passage, a correspondingly shaped valve member cooperating with said seat, said valve member having an opening therethrough extending from the surface adjacent the valve seat and communicating with the interior of the ball, and said body member having a depending skirt portion adapted to be folded upwardly over the lower end thereof to urge the valve member against its seat.

2,065,121
VALVE FOR INFLATABLE BALLS

Wallace W. De Laney, New Haven, and Paul S. Madsen, Bethany, Conn., assignors to The Seamless Rubber Company, Inc., New Haven, Conn., a corporation of Massachusetts

Application April 19, 1935, Serial No. 17,292
6 Claims. (Cl. 273—65)

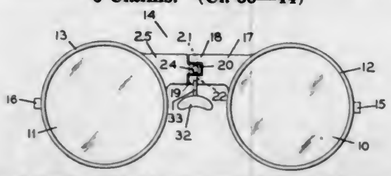


1. A valve device for inflatable balls comprising a body member having a thick walled inner portion and a laterally projecting flange adjacent its outer end to be secured to the ball whereby the inner portion of the member projects within the ball, said member being of elastic material and having an opening therethrough, a compressible plug disposed within said opening and projecting from the body member at both its outer and inner ends, said plug having a passage extending inwardly from the outer end thereof but terminating short of its inner end and being split transversely from its inner end to the end of said passage, the inner portion of said body member compressing the split portions of said plug together, and the inner projecting end of the plug extending outwardly over the space between the plug and body member.

2,065,122
GOGGLES

Bartholomew A. Diggins, Rochester, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York

Application June 1, 1936, Serial No. 82,796
6 Claims. (Cl. 88—44)



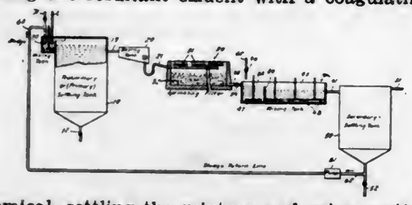
1. A device of the character described comprising a lens mount, a bridge member secured to said lens mount, said bridge member being bifurcated at its outer end, a block pivotally mounted between the bifurcations, a pin extending through said block perpendicular to its pivotal axis, a second bridge member pivotally mounted on said pin, cooperating positioning means on the block and on the second bridge member, means for urging the positioning means into engaging relation, and a second lens mount secured to the second bridge member.

2,065,123
SEWAGE TREATMENT

John R. Downes, Middlesex, N. J., assignor to Pacific Flush-Tank Company, New York, N. Y., a corporation of Illinois

Application November 20, 1933, Serial No. 698,734
9 Claims. (Cl. 210—2)

1. The herein described method of treating sewage which comprises preliminary settling, subjecting the effluent to biological oxidation, mixing the resultant effluent with a coagulating

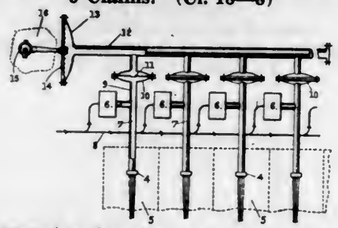


chemical, settling the mixture and using matter settled from the mixture, in the preliminary settling step.

2,065,124
PRODUCTION OF ARTIFICIAL FILAMENTS, YARNS, OR THREADS

Henry Dreyfus, London, and William Alexander Dickie and William Ivan Taylor, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware

Application September 4, 1929, Serial No. 390,401
In Great Britain September 13, 1928
5 Claims. (Cl. 18—8)



1. Apparatus for the production of artificial silk filaments, comprising a spinning jet, a rigid-walled passage communicating therewith, means for feeding spinning solution through the said passage to the said jet and a member in the said passage adapted to vibrate in contact with the spinning solution therein, whereby impulses are imparted to the spinning solution and the spinning solution is extruded from the jet at a varying rate to form continuous, self-supporting filaments having a corresponding systematic variation in denier.

2,065,125
MANUFACTURE OR TREATMENT OF PRODUCTS OR ARTICLES MADE OF OR CONTAINING CELLULOSE DERIVATIVES OR OTHER LACQUER BASES

Henry Dreyfus, London, England

No Drawing. Application November 21, 1932, Serial No. 643,732. In Great Britain November 30, 1931
1 Claim. (Cl. 18—54)

In the manufacture of filaments, threads, yarns, fabrics and like materials containing cellulose acetate, by a process involving the operation of dissolving or softening said cellulose acetate, the step of effecting said operation with the aid of 5.5-dimethyl-1.3-cyclo-tetramethylene-dioxide.

2,065,126
DIATOMACEOUS EARTH PRODUCT

Arthur Fredrik Echberg, Toronto, Ontario, Canada, assignor to John C. K. Stuart, J. W. D. Greig, and W. Reay Featherstone, all of Toronto, Ontario, Canada

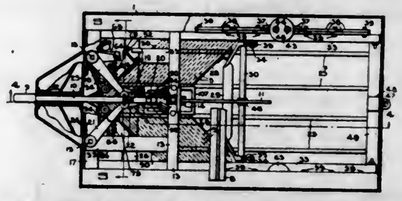
No Drawing. Application May 2, 1934, Serial No. 723,501. In Canada May 3, 1933
1 Claim. (Cl. 106—18)

A diatomaceous earth product formed from a mixture containing substantially 80 to 85 parts diatomaceous earth, 5 parts sodium chloride, 2½ parts glucose, and 15 to 10 parts of a mixture of 90 to 95 parts of pulverized slag and 10 to 5 parts of carbonate of lime.

2,065,127
MACHINE FOR THE SALE OF NEWSPAPERS

Alfred Ehrmantraut, Hamilton, Ontario, Canada

Application December 18, 1935, Serial No. 55,080
In Canada July 23, 1934
12 Claims. (Cl. 312—57)

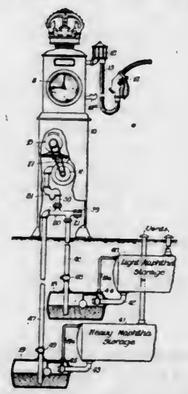


1. A machine for the sale of newspapers comprising a frame, a pair of rotatable shafts journalled therein and disposed in parallel relation, means in the frame for positioning a newspaper between and spaced away from the shafts and folding it into V shape with the base of the V parallel to and presented toward the shafts, a newspaper engaging arm connected to each shaft in opposed relation, and means for simultaneously rotating said shafts to cause the newspaper engaging arms to grasp the newspaper and deliver it exteriorly of the machine.

2,065,128
PROCESS AND APPARATUS FOR DISPENSING GASOLINE

John O. Eisinger, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana

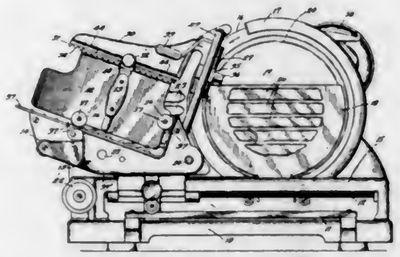
Application February 13, 1932, Serial No. 592,694
13 Claims. (Cl. 221—96)



1. A gasoline dispensing pump for blending a plurality of naphthas to obtain a product having a predetermined volatility and dispensing said product, comprising in combination a plurality of containers for liquid naphthas, a thermally responsive proportioning means, conduits connecting each container with said proportioning means, said proportioning means being operated in response to the atmospheric temperature for increasing the proportion of one of said naphthas

and decreasing the proportion of the other naphtha, an exit conduit for transferring the blended product from said proportioning means and a propelling means for moving said naphthas from the containers to the proportioning means through said exit conduit.

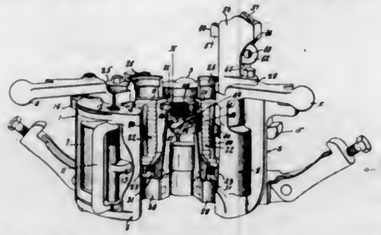
2,065,129
SLICING MECHANISM
Joseph Folk, La Porte, Ind., assignor to U. S. Slicing Machine Company, La Porte, Ind., a corporation of Indiana
Application September 17, 1932, Serial No. 633,595
12 Claims. (Cl. 146—102)



1. In a slicing machine, the combination with a slicing knife, of a substance support movable relatively to said slicing knife, said substance support comprising a substantially V-shaped trough having both the sides thereof sloping at an appreciable angle to the path of relative reciprocation between said support and knife, a bearing arranged slidably on said substance support elsewhere than over the substance-engaging surface of said support, an upright on said bearing member extending substantially perpendicularly to one side of the substance-engaging surface of said support, a clamp slidably mounted on said upright for movement toward and from said support and having a clamping surface thereon extending in a general direction substantially parallel with the opposed face of said support, said clamp comprising a bearing slidable on said upright, and an arm extending outwardly over said support, a pusher plate adapted to be releasably supported on said clamping bar with the face thereof substantially parallel to the cutting plane of said knife, means for moving the clamping bar toward the cutting plane of said knife, and a releasable connection between said bar and pusher plate, comprising lugs on said pusher plate recessed to receive opposite sides of said clamping bar, and a clamping member for holding said lugs in firm operative engagement with said clamping bar.

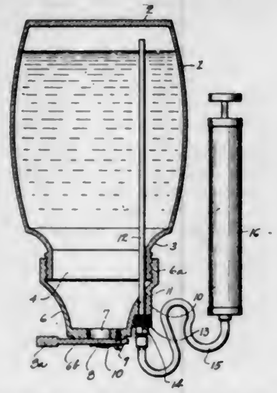
2,065,130
SLIP ELEVATOR CONSTRUCTION
Herbert Edmund Grau, Pasadena, Chester Albert Lundeen, Los Angeles, and Gird Elmer Mullinix, South Gate, Calif., assignors to Byron Jackson Co., Los Angeles, Calif., a corporation of Delaware
Application December 26, 1935, Serial No. 56,164
18 Claims. (Cl. 24—263)

1. A slip elevator of the type described comprising a pair of hinged pipe encircling members movable into closed and open positions and means for locking said members in closed position, the inner surfaces of said members having inwardly and downwardly inclined slip seats thereon, slips slidably supported on said seats for downward movement therealong into pipe-engaging position and upward movement therealong out of



pipe-engaging position, and means actuated by said members for lifting said slips out of pipe-engaging position in response to opening movement of said members.

2,065,131
DISPENSING CONTAINER FOR MAYONNAISE AND THE LIKE
Harold P. Hall, Seattle, Wash.
Application March 26, 1935, Serial No. 13,069
1 Claim. (Cl. 221—77)



A dispensing means comprising a closed container having a lower end opening for filling, a closure cup applied over said opening; said cup having side walls tapered toward a discharge port centrally in its bottom wall, a closure means for said port, a boss on the cup wall, having a vertical bore therethrough from the exterior to the interior of the cap for passage of an air tube, a back check valve housing threaded into said bore, a back check valve in said housing, an air tube mounted by the inner end of said valve housing and extended upwardly into the container, and means at the outer end of said valve housing for attachment of a conduit from a source of air pressure.

2,065,132
MULTIFOCAL OPHTHALMIC LENS AND BLANK AND METHOD OF MAKING THE SAME
James H. Hammon, Vincennes, Ind.
Application January 18, 1933, Serial No. 652,250
15 Claims. (Cl. 83—54)

1. The method of forming a multifocal ophthalmic lens blank which comprises forming a composite button by producing a socket having

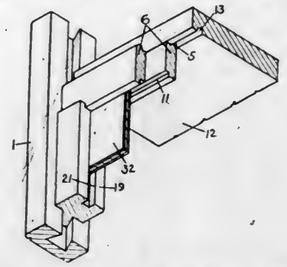
walls of substantial depth in a selected location within a carrier portion of glass of one index of refraction, fusing a segment of glass of a different index of refraction and of substantial thickness throughout its entire area in the socket in said carrier portion so that it will be laterally surrounded by said carrier portion and will be embedded therein so as to form a buried shoulder extending therearound but will have one face thereof exposed, surfacing the side of said composite button having the exposed face of the segment to form thereon an optical surface of predetermined curvature, forming a countersink in a main blank of an index of refraction different from said segment but the same as said carrier portion and finishing the surface of said countersink to a curvature substantially complemental to the optical surface produced on said composite button, placing the composite button in the countersink in such a manner that the optical surface thereof is in contact with the countersink surface and selectively locating the composite button in said countersink, fusing the composite button to the main blank so as to cause the carrier portion to become a part thereof and the segment to be embedded therein to a substantial extent throughout its entire area, forming a second composite button by producing a socket having walls of substantial depth in a selected location within a carrier portion of glass of the same index of refraction as the main



blank, fusing a segment of glass of a different index of refraction and of substantial thickness throughout its entire area in the socket in said carrier portion so that it will be laterally surrounded by said carrier portion and will be embedded therein so as to form a buried shoulder extending therearound but will have one face thereof exposed, surfacing the side of said composite button having the exposed face of said segment to form thereon an optical surface of predetermined curvature, forming a second countersink in superimposed relation to the first countersink on the side of the main blank having the first-named segment embedded therein thereby forming an exposed optical surface on the outer face of the first-named segment and finishing the surface of the countersink to a curvature substantially complemental to the optical surface on the second-named composite button, placing the second composite button in the second countersink in such a manner that the optical surface thereof is in contact with the countersink surface and the exposed face of the segment thereof is in contact with the outer face of the first segment and selectively locating the composite button therein, and fusing the composite button therein so as to cause the carrier portion of said second composite button to become a part of said main blank and to cause the segment carried thereby to be embedded in said main blank to a substantial extent throughout its entire area.

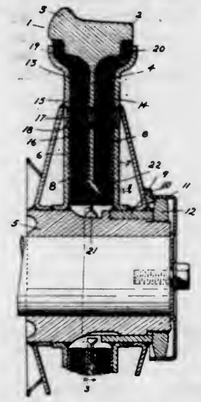
2,065,133
SHELVING
Thomas E. Heppenstall, Longview, Wash.
Application July 5, 1933, Serial No. 679,013
10 Claims. (Cl. 211—148)

7. In a wooden shelving having an upright and a shelf member of the character described, a spacer member having a longitudinal tongue on one side and a longitudinal flange disposed on each side opposite and at right angles to said



tongue for a portion of the length of said spacer member, whereby bin front members may be held.

2,065,134
WHEEL
Clarence F. Hirshfeld, Detroit, Mich., assignor, by mesne assignments, to Transit Research Corporation, New York, N. Y., a corporation of New York
Application October 22, 1934, Serial No. 749,449
6 Claims. (Cl. 295—7)

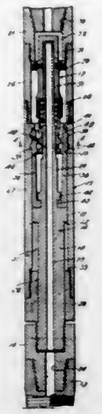


1. In a wheel for rail vehicles, a hub, a tire, elastic means for supporting said tire from said hub in resilient shear, and a relatively softer elastic means immediately adjacent said tire and contacting the tire supporting means for damping the noise therefrom during operation.

2,065,135
JARRING TOOL
Charles E. Huddleston, Fullerton, and Millard Sumter Black, Huntington Park, Calif.; Julia S. Huddleston, administratrix of said Charles E. Huddleston, deceased, assignors to William H. Maxwell, Beverly Hills, Calif.
Application March 22, 1927, Serial No. 177,320
9 Claims. (Cl. 255—27)

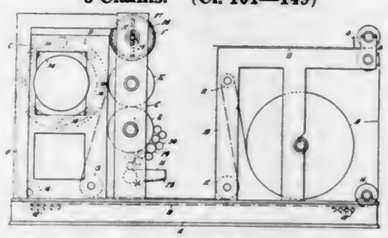
1. A jarring tool for use in connection with a hollow operating member including, two sections connected for relative longitudinal movement, one section being tubular and the other a stem section extending into the tubular section and having an opening longitudinally through it, jarring parts on the sections, means for releasably holding the sections against relative movement with said parts separated, and means for releasing the holding

means, including a piston slidably fitting in the tubular section and having an opening slidably



passing the stem section to be operable by fluid pressure applied through the operating member.

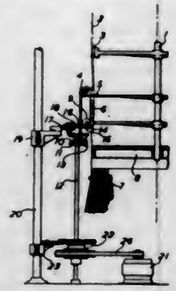
2,065,136
PROCESS AND MEANS OF PRINTING
William C. Huebner, New York, N. Y.
Application March 14, 1934, Serial No. 715,391
8 Claims. (Cl. 101—149)



5. The improvement in the process of printing which, when carried out in a press having synchronously operated planographic press plate, and dampening blanket cylinders of the same diameter, includes: dampening and inking the respective clear non-image areas and image areas of the press plate while out of contact with the dampening blanket; then rolling the plate thus prepared in contact with the dampening blanket while the latter is still dry and transferring ink to the dampening blanket on areas corresponding to and always registerable in contact with the image areas of the plate, and thereby rendering said areas of the dampening blanket moisture-proof; and, during a run, continuing to moisten the remaining non-inked areas of the work surface of the dampening blanket.

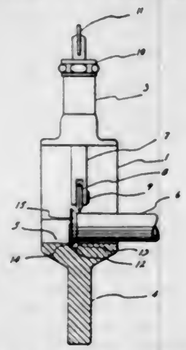
2,065,137
CIRCULAR LOOM
Joanny Jabouley, Spondon, near Derby, England, assignor to Celanese Corporation of America, a corporation of Delaware
Application July 6, 1935, Serial No. 30,059
In Great Britain July 23, 1934
6 Claims. (Cl. 139—13)

1. A circular loom for weaving with non-rotating warps comprising weft shuttles completely surrounded by said warps and associated parts carried upon a ring surrounding the warps and adapted to rotate, a stop mechanism adapted to stop weaving on thread failure or breakage, means for driving said ring, shuttles and other associated parts round the loom axis, a differential gear having one driving and two driven parts, one of said driven parts being adapted to drive the shuttles and associated parts, a brake adapted



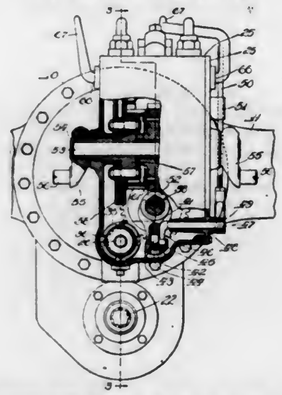
to hold the other driven part stationary while the loom is in operation, and means included in said stop mechanism to release said brake on thread failure or breakage so as to de-clutch said shuttles and associated parts instantaneously upon operation of said stop mechanism and to reduce the resistance to stopping of the parts to be brought to rest by said stop mechanism.

2,065,138
TUBE CUTTER
Frank M. Lang, West Allis, Wis., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill.
Application February 24, 1936, Serial No. 65,303
3 Claims. (Cl. 81—189)



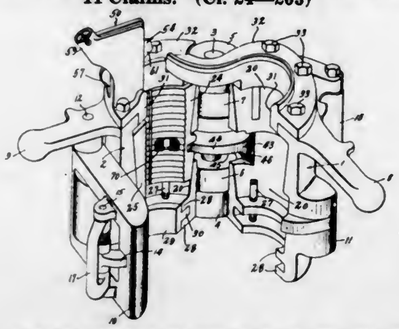
1. In a cutter for flared flexible tubing a body for holding the tube and a transverse cutting member mounted therein adapted to be manually fed into cutting position, said body having an open central portion and at one end thereof a substantially V-shaped longitudinal recess for the support of a tube to be cut, the other end of said central portion adapted to accommodate said cutting member which comprises an arm extendable into said body, a cutting disc on the inside end of said arm operable in a transverse plane and rotatable means at the outside end for adjusting and feeding said arm into position, said V-shaped recess having a transverse circular slot to receive the flare, the sides of said slot positioned adjacent and slightly to one side of the plane of said disc.

2,065,139
POWER LIFT MECHANISM
Alexus C. Lindgren, Chicago, and David B. Baker, Riverside, Ill., assignors to International Harvester Company, a corporation of New Jersey
Application November 30, 1932, Serial No. 644,982
Renewed January 14, 1935
13 Claims. (Cl. 97—50)



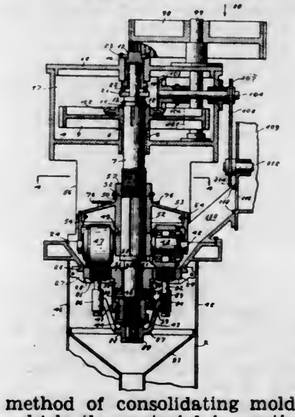
1. A power lift device for tractors comprising, in combination with a tractor having a differential and rear axle housing and a transmission mounted forwardly of said housing; of an auxiliary housing secured to the rear of said housing and forming an extension thereof, a power lift mechanism mounted in said auxiliary housing, a shaft forming a part of the transmission, a second shaft in alignment with said shaft and connected thereto for rotation therewith, said second shaft extending through the differential housing into the auxiliary housing, and means for driving the power lift mechanism from said second shaft.

2,065,140
SLIP ELEVATOR CONSTRUCTION
Chester Albert Lundeen, Los Angeles, Calif., assignor to Byron-Jackson Co., Los Angeles, Calif., a corporation of Delaware
Application January 24, 1936, Serial No. 60,603
11 Claims. (Cl. 24—263)



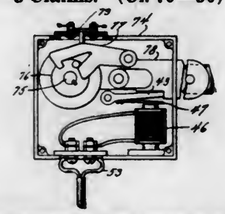
1. A slip elevator of the type described comprising a pair of pipe-encircling body members, means including a hinge pin for hingedly connecting said members for relative swinging movement into closed and open positions, inwardly and downwardly inclined slip seats on said members, slips slidably supported on said slip seats for downward movement therealong into pipe-engaging position and upward movement into retracted position, a slip actuating member slidably mounted on said hinge pin for vertical movement therealong, said member engaging a slip on each of said body members whereby said slip actuating member and slips are constrained to move upwardly and downwardly in unison, said slip actuating member having an inclined cam surface thereon, means on one of said body members defining a cam follower adapted to ride over said cam surface in response to opening movement of said body members, said cam surface being so inclined as to raise said slip actuating member in response to opening movement of said body members, and means on the other of said body members for resisting rotation of said cam means about said hinge pin in response to friction between said cam surface and cam follower.

2,065,141
METHOD OF CONSOLIDATING MOLDABLE MATERIALS
Edgar T. Meakin, San Francisco, Calif.
Application January 20, 1934, Serial No. 707,487
1 Claim. (Cl. 107—54)



The method of consolidating moldable material in which the material is continuously extruded by a single treatment, comprising applying a uniform compression stress to said material while simultaneously applying a twisting stress thereto in a plane perpendicular to the plane in which the compression stress is applied.

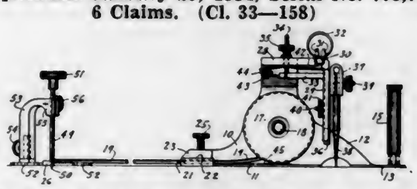
2,065,142
LOCKING MECHANISM
Charles F. Meilink, Toledo, Ohio
Application July 19, 1933, Serial No. 681,146
5 Claims. (Cl. 70—50)



1. The combination of a lock including a spindle, a reciprocable bolt, and a pawl for connecting the bolt to be operated by the spindle, a switch operable on shifting of the pawl into connecting position between the bolt and spindle, a circuit for the switch, an electro-magnet in said

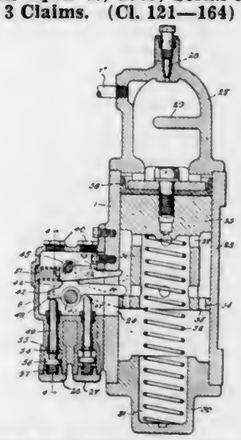
circuit, holding means normally preventing retraction of the bolt by the spindle, and a release for said holding means; said release rendered inoperative by said circuit.

2,065,143
TAPE COMPASS
Edgar E. Metcalf, Moville, Iowa
Application January 29, 1934, Serial No. 708,765
6 Claims. (Cl. 33—158)



2. In an instrument of the class described, the combination with a working point member, and a tape connected with said point member and having graduations marked thereon in definite relation to the center of said point member; of a main head having a frame, a gage affixed to said frame, clamping means on said frame adapted to hold portions of said graduated tape in selected relations to said gage, a second working point member connected movably with said frame, means for adjusting the relation of said point member to the frame, and a gage-member positioned closely adjacent a working surface arranged to indicate a normal relation of said second working point member to said fixed gage including a graduated horizontal strip slidably received within the frame and positioned to move directly adjacent said second working point member.

2,065,144
TIMING MECHANISM
Leon F. Miller, Cleveland, and Robert W. Elms, Lakewood, Ohio, assignors to The Osborn Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application April 26, 1935, Serial No. 18,393
3 Claims. (Cl. 121—164)

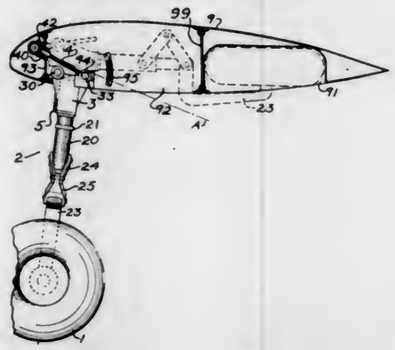


2. An automatic timing mechanism comprising a cylinder, a piston movable in one direction therein by fluid pressure, a spring in said cylinder adapted to be compressed by said piston movement and to move said piston in the reverse direction, a valve operating unit adjacent said cylinder, said unit comprising a lever adapted to press selectively at opposite limits of its travel upon one only of two self-closing plunger valves, a spring urging said lever to one limit of its travel, said lever protruding into the path of said piston and movable by said piston against the impulse of said spring to the other limit of its travel, admission of air to said piston being controlled by one of said plunger valves, and a bleed exhaust in said cylinder for compressed fluid above said piston.

2,065,145
HYDROLYSIS OF FATS AND GREASES
Jay R. Moore, Oakmont, and Earl K. Wallace, Pittsburgh, Pa.; said Wallace assignor to said Moore
No Drawing. Application June 28, 1934, Serial No. 732,914
2 Claims. (Cl. 87—4)

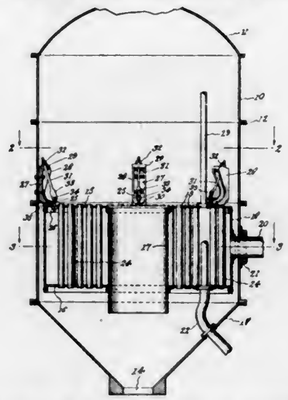
1. The method of hydrolyzing fat for the production of fatty acid and glycerol which consists in dissolving the fat in a water-miscible solvent of a group that consists of acetone, methyl ethyl ketone, diethyl ketone, that mixture of acetone (85%) and isopropanol (15%) known by the trade-name Solvatone, ethylene glycol monoethyl ether (commonly called Cellosolve), ethylene glycol monobutyl ether (commonly called Butyl Cellosolve), and dioxan; adding water and, as a catalyst, a water-soluble salt of a group that consists of the acid sulphates and dihydrogen orthophosphates; subjecting the solution to hydrolyzing temperature; distilling off the solvent; and separating the glycerol in aqueous solution, from the residue.

2,065,146
RETRACTABLE LANDING GEAR
Roy W. Morse and Lysle A. Wood, Seattle, Wash., assignors to Boeing Airplane Company, Seattle, Wash., a corporation of Washington
Application May 22, 1933, Serial No. 672,118
34 Claims. (Cl. 244—102)



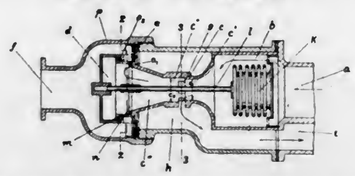
1. A retractable landing gear, in combination with an airplane structure, said landing gear including a ground wheel disposed, in landing position, in a longitudinal plane, means supporting the landing gear from said airplane structure, means to move said landing gear and wheel upwardly in such longitudinal plane relative to the airplane structure into retracted position, and means operable during such movement to move the wheel relative to the supporting means to leave the wheel, at the end of the retracting movement in a substantially horizontal plane.

2,065,147
FLOATING CALANDRIA
Joseph J. Munson, Houma, and Charles C. Wiggin, Sr., New Orleans, La.
Application May 25, 1936, Serial No. 81,772
11 Claims. (Cl. 257—219)



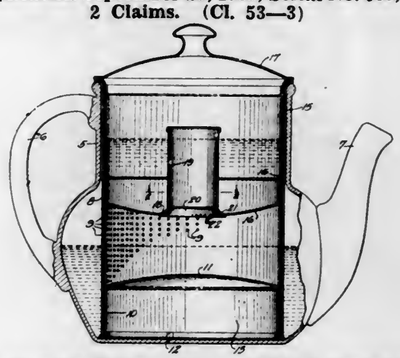
1. In a heating pan, a calandria having a steam inlet pipe fixed to the side of the pan, a plurality of spaced brackets fixed on the inner wall of the pan, and means for holding the calandria to said brackets permitting movement under the force of expansion.

2,065,148
COOLING APPARATUS OPERATING WITH THERMOSTATS
Fritz Nallinger, Stuttgart, Germany, assignor to Daimler Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany
Application April 11, 1934, Serial No. 720,104
In Germany March 18, 1933
6 Claims. (Cl. 236—34)



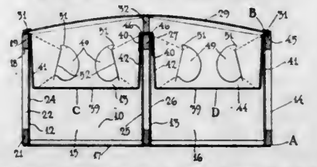
1. A regulating device for controlling the flow of heated liquid in dependence on the temperature, comprising a main flow conduit, a valve member for controlling the flow of liquid through said main flow conduit, a thermostat operatively connected to said valve member and located in the main flow conduit so as to actuate the valve member in accordance with variations in the temperature of the liquid flowing through the main flow conduit, a closing wall for said main flow conduit perpendicular to the inflowing stream of liquid, said valve member and main low conduit having co-operating double seatings and the main flow conduit having a ring-shaped outlet in proximity to one of the seatings of the conduit so disposed that the liquid pressure will not tend to open the valve, said main flow conduit having a constriction therein between the valve member and the thermostat, and a by-pass connected to the main flow conduit in the region of the constriction, so that when the valve member is open substantially no liquid passes from the main flow conduit to the by-pass.

2,065,149
TEA INFUSER
Frederick Hills Newman, Milwaukee, Wis.
Application September 29, 1932, Serial No. 635,330
2 Claims. (Cl. 53—3)



1. In a tea infuser, a receptacle; a perforated tubular member movably received in said receptacle; a float removably received within one end of said member; a water receiving receptacle removably received in the other end of said member, forming with said float and member a chamber for receiving and holding tea leaves; and a central tube rotatably carried by said last named receptacle through which water may be introduced directly into said chamber independently of said receptacle; said tube and receptacle being provided with coacting ports for controlling the flow of water from said receptacle to said chamber.

2,065,150
FRUIT CONTAINER
Eugene O'Brien, Eau Claire, Wis.
Application January 2, 1936, Serial No. 57,173
9 Claims. (Cl. 229—15)

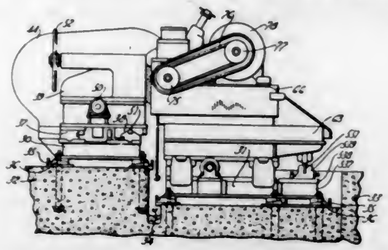


1. In a fruit container, a box having a bottom, longitudinal walls and cross walls, and open at the top, a tray of lesser depth than the depth of the box and insertable into the box from the top, said tray having flanges overlying the upper edges of the cross walls of the box and a closure secured to the cross walls and holding said flanges in position thereon to support the tray within the box.

2,065,151
GRINDING MACHINE
Willetts Peaslee and Lester F. Nenninger, Cincinnati, and Erwin G. Roehm, Norwood, Ohio, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio, a corporation of Ohio
Application August 10, 1934, Serial No. 739,224
21 Claims. (Cl. 51—49)

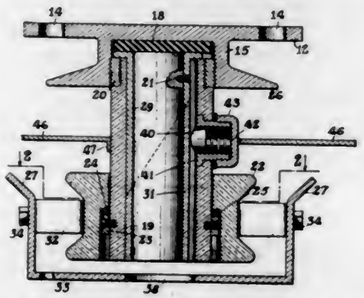
1. In a grinding machine of the class described the combination of a work support, a grinding wheel support, one of said supports being self-contained and supporting a hydraulic medium, a pair of pumps for circulating the medium, hydraulic means operated by the medium circulated by one of said pumps for effecting an axial move-

ment of said support relative to the other support, and additional hydraulic means operated



by said second circulating pump for effecting a transverse movement of the support toward and from the other support.

2,065,152
VOLTAGE LIMITING DEVICE
Ralph R. Pittman, Pine Bluff, Ark.
Application April 23, 1934, Serial No. 721,936
1 Claim. (Cl. 175—30)



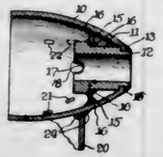
In a voltage limiting device, a hollow tube of insulating material open at one end, an insulator secured to said tube externally thereof, a substantially cylindrical element of insulating material having a diameter less than that of the hollow extending therein, means holding said element of insulating material in lateral abutting engagement with the inner surface of said tube, and structural means for causing sparkover to occur along the line of abutment of said tube with said insulating element, said structural means including a conducting member extending downwardly along a portion of the length of said line of abutment and an electrode carried by said insulator in spaced relationship with both said tube and said element.

2,065,153
CASTING ROD ATTACHMENT
William S. Proudfit, Grand Rapids, Mich.
Application December 16, 1935, Serial No. 54,540
9 Claims. (Cl. 43—25)



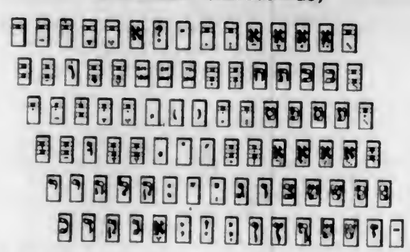
1. A casting rod having a handle rigid therewith, a rod element pivoted intermediately onto the rod and an auxiliary handle located on said rod element, said rod element and auxiliary handle being swingable to a position substantially alongside of the rigid handle.

2,065,154
PROPELLER
Joseph G. Rayniak, Waukegan, Ill., assignor to Johnson Motor Company, Waukegan, Ill., a corporation of Delaware
Application March 30, 1934, Serial No. 718,239
5 Claims. (Cl. 170—173)



1. A sheet metal propeller comprising the combination with a conoidal sheet metal shell open at its larger end and provided at its smaller end with a hub sleeve projecting centrally into said shell and provided with a shouldered terminal portion, said shell having apertures in its peripheral wall portions exposed beyond the end of said sleeve, bracing means connecting the shouldered terminal portions of the sleeve with the shell between the apertured wall portions of the shell and the smaller end thereof, and blades applied to the external periphery of said shell and having tongues extending through said apertures and connected therewithin with said shell.

2,065,155
TYPE ARRANGEMENT FOR COMPOSING MACHINES
Samu-El Ish-Shalom and Otto I. Bloom, New York, N. Y., assignors to Mergenthaler Linotype Company, a corporation of New York
Application December 10, 1935, Serial No. 53,695
6 Claims. (Cl. 199—18)

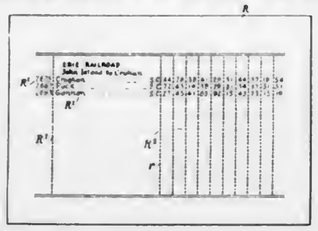


1. In a typographical composing machine having a type-arrangement comprising a group of meaningless letter elements which when aligned on a line-composing or single-type casting machine in group assembly of two or three form a complete character, a typographical arrangement comprising keys having keyboard indicators each showing a complete character but having the letter element which is controlled by that key represented in a manner easily distinguishable from the complemental element or elements making up the complete character.

2,065,156
PRINTING FORM
Fillison L. Spelden, Atlanta, Ga., assignor to Mergenthaler Linotype Company, a corporation of New York
Application September 21, 1934, Serial No. 744,889
16 Claims. (Cl. 199—66)

1. A type bar or slug formed with an elongated rule printing element formed with rounded ends

and extending transversely of the slug body and

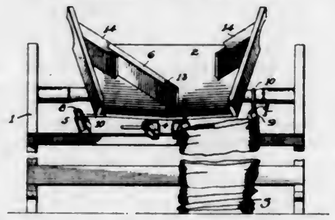


terminating short of at least one side face of the slug.

2,065,157
MATERIAL FOR ARC WELDING
Wilmer E. Stine, Cleveland, Ohio, assignor to The Lincoln Electric Company, Cleveland, Ohio, a corporation of Ohio
No Drawing. Application January 20, 1934, Serial No. 707,544
9 Claims. (Cl. 148—24)

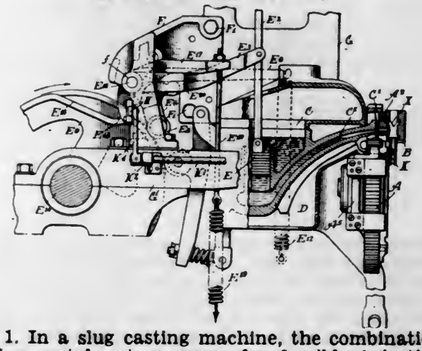
1. As a composition of matter for use in arc welding in the form of a layer deposited on the work in advance of the arc, a mixture of finely divided materials comprising about 50% to about 95% slag-forming and arc-stabilizing materials commonly used in arc welding and about 5% to about 50% of an agglutinate having a melting point between 50° C. and 400° C.

2,065,158
MACHINE FOR BAGGING POTATOES OR THE LIKE
Harry C. Stockdale, Ravenna, Ohio, assignor to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware
Application March 10, 1933, Serial No. 660,295
11 Claims. (Cl. 248—101)



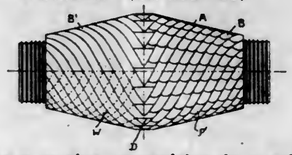
11. In a bag holding device, a support, a laterally projecting clamping arm carried by said support comprising an outer sleeve like clamping member and an inner clamping member arranged therewithin, one of said clamping members being fixed to said support and having a longitudinal slot extending along its side, and the other clamping member being rotatable and provided with a slot for registration with the slot in the fixed clamping member to receive the edge of a bag inserted therein, means for turning said rotatable clamping member to move its slot out of registration with the other whereby to wedge the edge of said bag between adjacent peripheral surfaces of said clamping members, means for imparting axial movement to said rotatable clamping member when it is turned to move an end thereof back and forth beyond the corresponding end of the fixed clamping member, and means for supporting the opposite edge of the bag.

2,065,159
SLUG CASTING MACHINE
Anthony J. Stouges, Queens Village, N. Y., assignor to Mergenthaler Linotype Company, a corporation of New York
Application June 17, 1935, Serial No. 26,911
19 Claims. (Cl. 199—47)



1. In a slug casting machine, the combination of a metal pot, a pump for forcibly injecting molten metal from the metal pot into a mold, means for operating the pump, means for conditioning the pump to vary its operative effect in injecting the metal into the mold, and means controlled by a change of mold size for automatically conditioning the pump to correspond.

2,065,160
ROTARY ENGINE
Sebastiano Strazzulia, Genova, Italy
Application November 1, 1935, Serial No. 47,869
In Italy December 20, 1934
4 Claims. (Cl. 253—68)

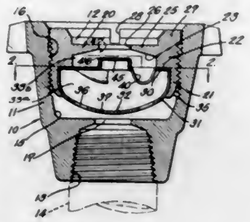


1. A rotary engine comprising in combination a hollow stator of substantially biconical shape, means for supporting this stator, a substantially biconical rotor snugly fitting within the said stator, a shaft integral of this rotor, journal bearings on the supports of the stator, labyrinth joints at the ends of the stator and complementary labyrinth joints on the adjacent part of the rotor and the shaft, a double set of helical grooves leading from the ends of the rotor to the center portion thereof, a number of partially perforated partitions fitted at increasing distances within the said grooves, solid annular distributors arranged in the stator adjacent the inlet ends of the helical grooves of the rotor, nozzles on these distributors, a fluid supply pipe connected to either of these distributors, and fluid discharge conduits arranged in diametrically opposite points of the center portion of the stator, in front of the discharge ends of the helical grooves.

2,065,161
FULL CIRCLE SPRINKLER
Walter Van E. Thompson, Los Angeles, Calif., assignor to Thompson Manufacturing Company, Los Angeles, Calif., a corporation of California
Application January 28, 1935, Serial No. 3,814
10 Claims. (Cl. 299—60)

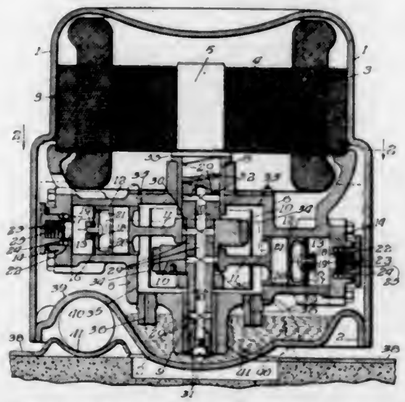
7. In a sprinkler head of the class described, the combination of: walls forming a delivery

chamber, and having top, side, and bottom walls, there being a discharge orifice in said top wall, and a plurality of water-swirling port means through which water is introduced into said delivery chamber in a swirling condition; and a fixed projection extending toward said discharge



orifice and having a wall cooperating with the portion of said top wall surrounding said discharge orifice to form an invariable annular restricted passage which increases the velocity and decreases the pressure of the water which flows thereinto in an inwardly swirling direction.

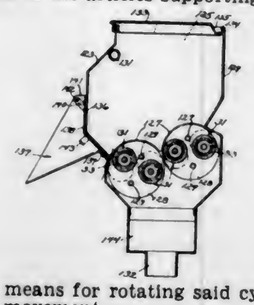
2,065,162
FLUID COMPRESSOR
Allen Trask, Oak Park, Ill., assignor to Mills Novelty Company, Chicago, Ill., a corporation of Illinois
Application September 30, 1933, Serial No. 691,601
12 Claims. (Cl. 230—206)



1. In a machine of the class described, in combination, an outer housing, a motor, a cylinder, a crankcase, a piston in said cylinder, an inlet valve in the head of said piston, a fluid inlet passage from the exterior of said outer housing to the interior of said crankcase, a breather opening in said crankcase, an oil reservoir in the base of said outer housing, means for supplying oil to bearing surfaces within said crankcase, and a lubricating oil outlet passage from said crankcase.

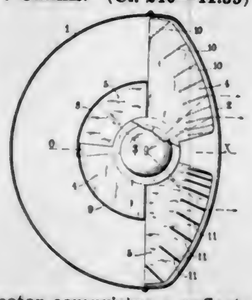
2,065,163
VEGETABLE PEELER
William E. Urschel, Valparaiso, Ind.
Application February 9, 1934, Serial No. 710,407
14 Claims. (Cl. 146—49)

1. A peeling mechanism comprising a bed of roughened cylinders for supporting articles to be peeled, means for moving each adjacent cylinder bodily up and down to change the level of sections of the articles supporting area of said



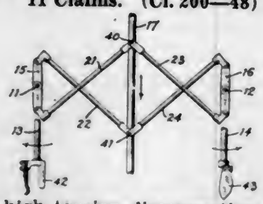
bed, and means for rotating said cylinders during such movement.

2,065,164
NONDAZZLING PROJECTOR
Joseph Wetzel, Paris, France
Application June 12, 1933, Serial No. 675,478
In France June 16, 1932
7 Claims. (Cl. 240—41.35)



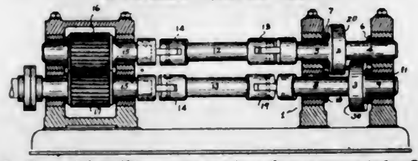
5. A projector comprising a reflector having a straight section of semi-circular shape, a source of light placed at the center of curvature of said reflector and two groups of reflecting blades located on either side of the axis of the projector, said blades having rectilinear edges, parallel to each other and orthogonal to the axis of the projector and these blades being arranged in front of the source of light so as to allow to pass between them, whilst reflecting them forwardly, all the rays coming from the source of light and coming from the reflector, and means for separately determining the inclination of the blades of both groups so that all the rays should be included in a dihedron the edge of which is parallel to the generatrices of the blades.

2,065,165
HIGH TENSION DISCONNECTING SWITCH
Roy Wilkins, San Francisco, Calif., assignor to K. P. F. Electric Company, San Francisco, Calif.
Application October 28, 1935, Serial No. 46,973
11 Claims. (Cl. 200—48)



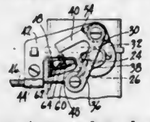
1. In a high tension disconnecting switch, the combination of a rotatable switch blade supporting insulator, a switch blade mounted upon and extending at an angle to the axis of rotation of said supporting insulator, a cross arm at the base of said switch blade supporting insulator extending transverse to the axis thereof, an operating means disposed in spaced relation with said cross arm and movable in a straight line tangent to the axis of said rotatable switch blade supporting insulator, and a pair of links connected in crossed relation between the ends of said cross arm and said operating means.

2,065,166
APPARATUS FOR AND METHOD OF SIZING, TRUING, STRAIGHTENING, AND POLISHING METAL ROUNDS
Edward Winwood, Jr., Wilkinsburg, Pa.
Application June 6, 1935, Serial No. 25,241
6 Claims. (Cl. 80—13)



1. In cold rolling apparatus for accurately finishing round sections the combination of two discular rolls having their axes spaced from each other in intersecting planes and having the axis of each lying beyond the periphery of the other, the said discs overlapping in the interval between their respective axes to provide between the opposed faces of the discs a converging pass in which high longitudinal lead of the discs on the stock and high progressive speed of the stock with respect to disc speed is obtained, means for rotating said discs about their axes in opposite directions of rotation, and means for introducing rounds into the converging pass between the overlapping regions of the disc faces.

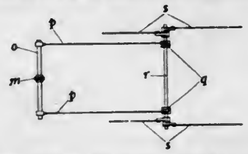
2,065,167
CHOKE VALVE
Emil O. Wirth and Frederick Barfod, South Bend, Ind., assignors to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application September 23, 1932, Serial No. 634,613
13 Claims. (Cl. 137—139)



1. In a carburetor, a bracket, a lever pivoted thereon, an arm on said bracket for supporting a flexible cable housing in line for actuating said lever, a choke shaft passing through said bracket eccentric from the lever pivoted thereon, and means including a lost motion connection for transmitting movement of said lever in either direction to said shaft.

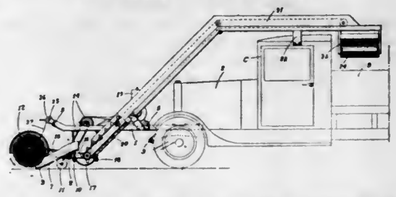
2,065,168
HYDRAULIC BRAKING SYSTEM
Edmund Louis Brown, Bowdon, England
Application August 20, 1935, Serial No. 37,073
In Great Britain August 30, 1934
8 Claims. (Cl. 188—152)

1. A braking system comprising hydraulically operable brakes, a hydraulic master cylinder, hydraulic connections between said cylinder and brakes, a hydraulic piston in and arranged for movement along said cylinder, a lever to effect application of said hydraulically operable brakes, means operated by said lever to move said piston along said cylinder, mechanically operable brakes, a second lever to effect application of said mechanically operable brakes, a rod passing in oil tight manner through the end of said master cylinder remote from said piston moving means, an abutment on the end of said rod within said cylinder, passageways associated with said abut-



ment to prevent said abutment forming an oil-tight seal in said cylinder, said abutment being located at a point beyond the normal stroke of said piston but arranged to be contacted by said piston if said piston exceeds said normal stroke and thereby to move said abutment-carrying rod, and a positive mechanical interconnection between said rod and said mechanically operable brakes whereby movement of said rod by said piston positively applies said mechanically operable brakes.

2,065,169
PRUNE GATHERER
Harrison Carpenter, Ceres, Calif.
Application November 2, 1935, Serial No. 47,985
4 Claims. (Cl. 56—328)



1. An apparatus for gathering prunes from the ground comprising a frame adapted to be mounted on and project forwardly from a motor truck, prune gathering mechanism mounted on the frame, and an elevator to engage the gathered prunes, adapted to extend lengthwise of and over the top of the truck to a termination above the body thereof.

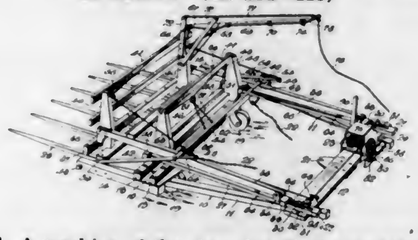
2,065,170
MAGNESIUM ALLOY
Fritz Christen, Zurich, Switzerland
No Drawing. Application May 15, 1936, Serial No. 80,015. In Switzerland May 15, 1935
1 Claim. (Cl. 75—168)

A magnesium alloy of the following composition:

	Per cent
Aluminium	14 –18
Silicon	0.1 – 1
Antimony	3 – 8
Nickel	2 – 5
Chromium	0.05– 0.5
Manganese	0.1 – 1
Molybdenum	0.05– 0.5
Copper	6 – 8
Titanium	0.1 – 2

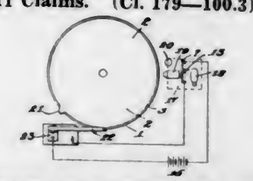
the rest magnesium.

2,065,171
LOAD LIFTING, CARRYING, AND DUMPING MACHINE
Christian Christiansen, Fargo, N. Dak.
Application December 27, 1935, Serial No. 56,379
12 Claims. (Cl. 214—113)



1. A machine of the class described comprising a base having a longitudinal track; a load support; lifting means operatively connected with said load support and including a vertically swingable longitudinal arm slidably connected at its rear end with said track, and a second vertically swingable longitudinal arm having its front and rear ends pivoted to said base and the first mentioned arm respectively; means mounted on said base for lifting the pivotally connected portions of said arms to relatively angle said arms and initially lift said load support, and means for then forwardly pulling the rear end of said first mentioned arm along said track to further angle said arms and complete the lifting of said load support.

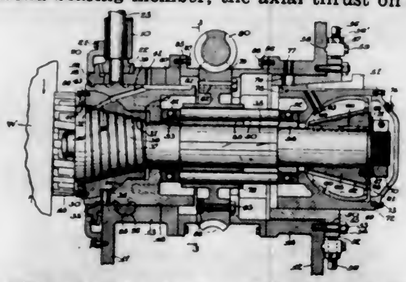
2,065,172
PHOTOELECTRIC SOUND REPRODUCTION OF PHONOGRAMS
Fernando Crudo, Buenos Aires, Argentina, assignor to Compania Fundadora Fotoliptofono S. A.
Application December 13, 1934, Serial No. 757,409
In Germany April 14, 1934
11 Claims. (Cl. 179—100.3)



11. Apparatus for improving the photoelectric sound reproduction of a device including rotary cylindrical phonogram carriers for sheet-shaped phonograms, comprising a source of light, means for directing light rays from said source of light, an electrical pick-up including at least one photoelectric cell for receiving the rays reflected from the phonograms and for converting the rays into sound energy, said last-mentioned means including a sound distributing device, and means fixed to the cylinder which, at regular intervals, put in operation the means which momentarily interrupt, at least partially, the transmission of energy to the sound distributing device each time the light rays scan the joints formed between adjacent ends of the phonograms.

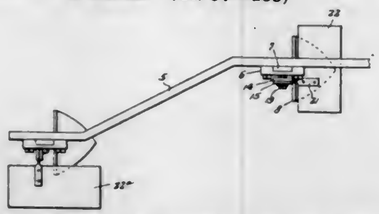
2,065,173
MILLING MACHINE SPINDLE MOUNTING
Frank M. Davis, Milwaukee, Wis., assignor to Davis and Thompson Company, West Allis, Wis., a corporation of Wisconsin
Application November 4, 1935, Serial No. 48,124
15 Claims. (Cl. 90—11)

9. A spindle mounting, comprising supporting means, a pair of axially spaced bearing members carried by said supporting means, a spindle journalled in one of said bearing members and having an axial thrust engagement therewith, a journal member slidably but non-rotatably carried by said spindle and journalled in the other bearing member, means for urging said journal member into axial thrust engagement with said second bearing member, the axial thrust on said



bearing members being toward each other, a drive member for said spindle positioned between said bearing members, said journal member having recesses therein, coiled springs in said recesses, and means carried by said shaft for holding said springs compressed to urge said journal member into axial thrust engagement with said second bearing member and to urge said spindle into axial thrust engagement with said first-named bearing member.

2,065,174
EARTH DIRT STOP FOR CULTIVATOR SHOVELS
John A. Dutour, Clifton, Ill.
Application March 18, 1936, Serial No. 69,551
1 Claim. (Cl. 97—188)

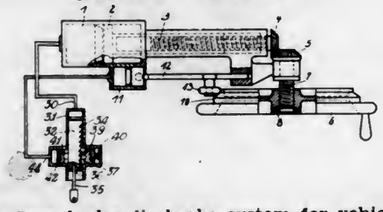


In a cultivator, a cultivator shovel provided with a shank, a guide rod secured at one end to the shank and extending in a position in parallel spaced relation to the shank, a shield plate, an adjustable clamp member on the rod and to which the plate is secured, said clamp consisting of a pair of disk members provided on their opposed faces with interlocking ribs, an eye bolt slidable by its eye on the rod, said disks being provided with openings therein for receiving the eye bolt, one of the said openings being square to accommodate a portion of the eye of the eye bolt, and a nut on the eye bolts for clamping the said disks together.

2,065,175
MANUFACTURE OF ARTIFICIAL SILK
Otto Eisenhut, Heidelberg, Hanns Rein, Hamberg von den Hohe, and Erich Kaupp, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie, Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application October 9, 1934, Serial No. 747,646. In Germany October 10, 1933
6 Claims. (Cl. 18—54)

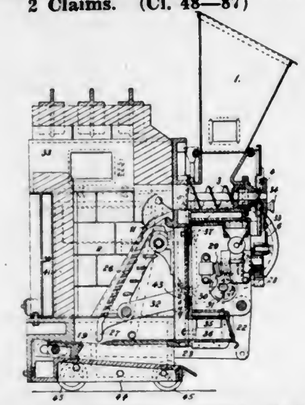
1. A process of manufacturing artificial silk from viscose which comprises squirting viscose having a degree of ripeness below 7 to 6° Hottenroth through the openings of a spinning nozzle into water.

2,065,176
VEHICLE BRAKE
Ernst Engel, Frankfort-on-the-Main, Germany, assignor to Alfred Teves Maschinen- und Armaturen-Fabrik Gesellschaft mit beschrankter Haftung, Frankfort-on-the-Main, Germany
Application June 14, 1935, Serial No. 26,675
In Germany June 21, 1934
6 Claims. (Cl. 188—265)



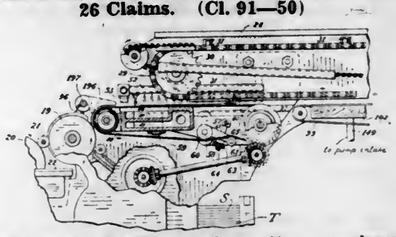
1. In a hydraulic brake system for vehicles a device for locking the brakes in the applied position, operating means rotatable in one direction for applying the brakes and in the other direction for releasing the brakes, the initial part of the rotary movement of said operating means in said other direction being idle movement for brake releasing purposes, by providing axial movement thereof, and means actuated by said operating means during said idle rotary movement and axial movement for releasing said locking device.

2,065,177
GAS-PRODUCER MACHINE OR UNIT FOR USE IN CONJUNCTION WITH METALLURGICAL AND LIKE FURNACES
John Fallon, Birmingham, England
Application July 28, 1934, Serial No. 737,334
In Great Britain December 11, 1933
2 Claims. (Cl. 48—87)



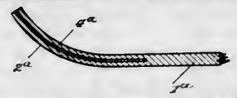
1. In a gas-producer machine of the mechanical stoker type for supplying heating gas to metallurgical and like industrial furnaces, and which comprises a feed screw for delivery of fuel to the fuel chamber, a side wall which is adapted to be oscillated to and from an opposite side wall for crushing purposes, a mechanism for actuating said oscillating ash-clearing device beneath said fuel chamber, and a common power-driven shaft for actuating said elements, the combination of an indexed control mechanism for varying the feeding rotation of said fuel feed screw, means for actuating said ash-clearing device through the medium of said fuel feed screw, an indexed control mechanism for independently varying the displacement of said ash-clearing device, a blower for delivery of an air blast to said fuel chamber, an indexed control mechanism for independently varying the volume of said air blast, and a master control lever for the simultaneous operation of the said various control mechanisms after the independent initial settings thereof.

2,065,178
FEEDING AND COATING SYSTEM
Theodore A. Federwitz and Walter T. Bailey, Philadelphia, Pa., assignors to Stokes & Smith Company, Summerdale, Philadelphia, Pa., a corporation of Pennsylvania
Original application November 24, 1928, Serial No. 321,635. Divided and this application November 25, 1931, Serial No. 577,210
26 Claims. (Cl. 91—50)



4. Wrapper feeding and coating mechanism comprising an adhesive applying roll, a suction chamber adjacent said roll, conveyor belt structure passing thereover, to transport adhesive coated wrappers, and means to provide an air blast on the coated side of wrappers conveyed by said belt structure.

2,065,179
SKI
Nils Olsen Fosse, Holla, Ulefoss, Norway
Application October 24, 1934, Serial No. 749,854
In Norway November 18, 1933
3 Claims. (Cl. 208—184)



1. A ski formed with an upturned end, and a reinforced metallic strip extending throughout a portion of the length of the ski and throughout substantially the full upturned end, said strip being secured on the surface of the ski.

2,065,180
METHOD OF MAKING DRIVING BELTS
Abraham L. Freedlander, Dayton, Ohio, assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio, a corporation of Ohio
Original application March 27, 1935, Serial No. 13,305. Divided and this application August 5, 1935, Serial No. 34,674
3 Claims. (Cl. 154—4)

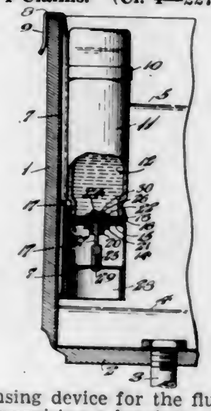
1. In a method of making a belt, winding a plurality of superimposed layers of square-woven rubberized fabric with the threads parallel to the longitudinal and transverse axes of the belt, winding thereon a plurality of square-woven layers

of fabric arranged on the bias and embedded in rubber, and winding thereon a plurality of square-woven layers of rubberized fabric with the threads



thereon arranged parallel to the longitudinal and transverse axes of the belt to form a belt of polygonal cross section.

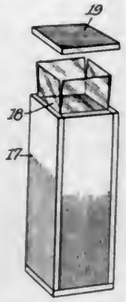
2,065,181
DISPENSING DEVICE
Edward R. French, Philadelphia, Pa., assignor to Milton Jonathan Lukens, Philadelphia, Pa.
Application January 27, 1936, Serial No. 60,943
4 Claims. (Cl. 4—227)



4. A dispensing device for the flush tank of a toilet bowl comprising a bracket adapted to engage a wall of said flush tank, a support secured to the lower portion of said bracket in close proximity to the bottom of said flush tank and having an opening in the top thereof, a standard threaded receptacle closure carried by said support and having an opening therein registering with the opening in said support, a standard inverted receptacle having a correspondingly threaded mouth adapted to engage said closure, an inverted cup-shaped float vertically movable within said support and guided thereby, and a valve carried by said float and movable through said openings in said support and said closure into and out of said inverted receptacle to discharge a predetermined amount of the contents of said receptacle into said flush tank with the rise and fall of the water therein, there being a vent near the top of said inverted cup-shaped support.

2,065,182
PROCESS FOR THE TREATMENT OF CHEESE
Benjamin R. Harris, Chicago, Ill., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill., a corporation of Delaware
Application May 31, 1930, Serial No. 458,249
9 Claims. (Cl. 99—178)

1. The method of preparing cheese for distribution which includes forming an envelope in the form of an imperforate open ended sleeve of transparent cellulose derivative material, heating cheese to render the same plastic, introducing the plastic cheese into the transparent cellulose derivative sleeve while supporting the same in a

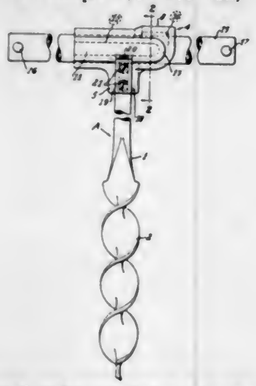


mold of proper cross sectional shape, bringing sections of the cellulose sleeve around ends of the cheese to cover the same while the cheese is plastic, and finally treating such ends to render them substantially imperforate and impervious to moisture.

2,065,183
PROCESSED CHEESE AND METHOD OF PREPARING THE SAME
Benjamin R. Harris, Chicago, Ill., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill., a corporation of Delaware
No Drawing. Application October 4, 1935, Serial No. 43,603
13 Claims. (Cl. 99—162)

1. A body of ripened and processed cheese having as an added constituent thereof a minor proportion of a soluble salt of an aliphatic acid, having more than two hydroxyl groups in the molecule which resembles sugar in chemical structure, said salt being anti-acid to the acidity of the cheese prior to processing and being a salt of an innocuous base.

2,065,184
GROUND ROD
Walter A. Heinrich, St. Louis, Mo., assignor to James R. Kearney Corporation, St. Louis, Mo., a corporation of Missouri
Application August 7, 1935, Serial No. 35,084
6 Claims. (Cl. 173—31)



1. A ground rod comprising a body portion including a portion adapted to be introduced into

the ground, a head fixed to said body portion, said head having a bore formed therein, a handle supported for sliding movement by the bore of said head, said handle being adapted to be arranged in an effective position transverse with respect to the body portion of the ground rod and being movable to an ineffective position substantially parallel with respect to said body portion, said head being provided with a guideway formed in the face of the bore thereof, and extended means carried by said handle and extended laterally with respect thereto, a portion of which is movable into said guideway to provide a trunnion about which said handle may be moved.

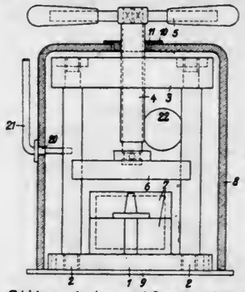
2,065,185
DEVICE FOR CUTTING LOOPS OF WOOL SUCH AS ARE FORMED IN MAKING WOOL RUGS, MATS, CARPETS, OR THE LIKE
Kenneth Warner Jones, Cheam, England
Application June 13, 1935, Serial No. 26,528
In Great Britain June 18, 1934
8 Claims. (Cl. 26—8)



1. A device for cutting loops of wool or the equivalent which have been formed on a foundation or backing, in making rugs or the like of the kind indicated, comprising an elongated rod member pointed at one end and adapted to be inserted in and to pick up a number of said loops, a slot extending longitudinally of said elongated rod, a cutting blade having its cutting edge inclined in relation to and facing towards the said rod with a portion depending into said slot, a blade holder, the major portion of which forms a flat wing extending radially of the rod with its leading portion spaced from the slotted side of the rod, said wing being equipped with means clamping the blade in position in the holder, and said holder having its rear portion in the region of the trailing end of the cutting edge of the blade shaped to provide guide means engaged with said rod and freely slidable from end to end thereof and operating to restrain the holder against disengagement from the rod in a direction radially of the latter.

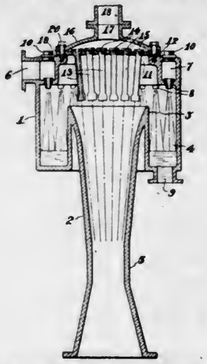
2,065,186
HEATER CASING FOR USE WITH A DENTAL PRESS
Alfred Keil, Berlin, Germany, assignor to Heko-Werk Chemische Fabrik A. G., Berlin-Tempelhof, Germany
Application March 21, 1935, Serial No. 12,277
In Germany April 21, 1934
1 Claim. (Cl. 18—7)

For use with a dental press having a spindle with a removable handle, a heat insulating bottom plate upon which the press rests, a heater casing of a material which is a bad conductor of heat, adapted to be placed over the press and seat upon said bottom plate but structurally independent of the press, said heater casing having a central aperture at the top for the press spindle but of greater diameter than said spindle, an annulus



removably fitting into said aperture to fill the space between said spindle and the walls of the aperture, electrical heating elements on the inner wall of the casing and switching means on the outside of the casing by means of which the heating elements may be switched on or off as required.

2,065,187
VACUUM REFRIGERATING UNIT
John Kirgan, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey
Application May 8, 1934, Serial No. 724,472
18 Claims. (Cl. 62—152)



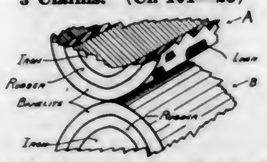
1. An evaporator having an intake header to deliver a liquid refrigerant to the evaporator, one or more ejector nozzles surrounded by said header, and an ejector casing to evacuate the vapor of said refrigerant.

2,065,188
MANUFACTURE OF VISCOSE
Karl Kösslinger and Alfons Bayerl, Dessau in Anhalt, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application April 10, 1934, Serial No. 719,969. In Germany April 20, 1933
3 Claims. (Cl. 260—100)

1. A process of manufacturing viscose which comprises subjecting wood to digestion with nitric acid, removing the soluble non-cellulosic substances by means of a solution of caustic alkali,

washing the cellulose pulp, reducing the content of water of the pulp by mechanical means to 65 to 80 per cent, converting the wet cellulose into alkali cellulose by the addition of a solution of caustic alkali, subjecting the alkali cellulose to the action of an oxygen-containing gas and a viscosity-reducing material selected from the group consisting of alkali sulfides, hydrogen sulfide and alkali polysulfides, converting the alkali cellulose into cellulose xanthate and dissolving said xanthate to form a viscose solution.

2,065,189
PAPER FINISHING MACHINE
Frank C. Ladd, Turners Falls, Mass.
Application October 27, 1934, Serial No. 750,313
3 Claims. (Cl. 101—23)

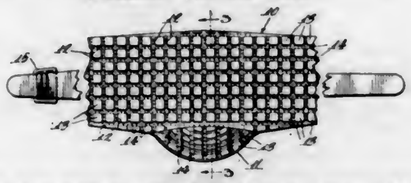


1. A paper finishing machine having two calender hard pressure rolls, at least one of which is composed of a cylindrical outside layer of hard substance, an intermediate layer of comparatively soft and elastic substance, a rigid core body, and a superficial layer of linen cloth bonded over the entire cylindrical working surface of said hard substance to form part of the composite calender roll.

2,065,190
ALKALOIDAL COMPOUNDS
Frank Floyd Lindstaedt, Oakland, Calif., assignor to Hercules Glue Company, Ltd., San Francisco, Calif., a corporation of California
No Drawing. Application March 26, 1931, Serial No. 525,611
8 Claims. (Cl. 260—25)

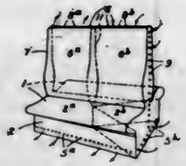
7. The reaction product of an alkaloid containing a pyridine ring and a resinous material.

2,065,191
VENTILATED FACE STAY
Edgar O. Loeber, Cleveland Heights, Ohio, assignor to The Cobel Company, Lakewood, Ohio, a corporation of Ohio
Application March 13, 1935, Serial No. 10,771
1 Claim. (Cl. 128—164)



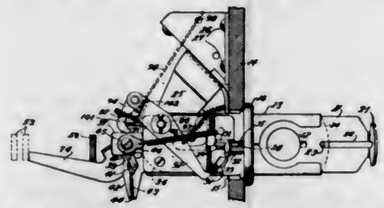
A face stay of the class described, comprising a flexible strip of moulded rubber adapted to be passed under the chin and to extend upwardly therefrom over the cheeks and to be secured over the top of the head of the user, said strip having a concavity adapted to receive and to fit about the chin, nodules of solid elastic rubber spaced across the chin and face engaging portions of the strip, said nodules serving to massage the muscles of the chin and face, the spaces between said nodules forming channels, said strip having perforations spaced along said channels to provide air circulation, and means for securing said stay over the top of the head of the user and thereby draw the stay substantially taut and upward.

2,065,192
HEATING, COOLING, AND VENTILATING SEATED ENCLOSURE
Robert Henri Mautsch, Brussels, Belgium, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application June 13, 1934, Serial No. 730,454
In Belgium June 21, 1933
6 Claims. (Cl. 98—10)



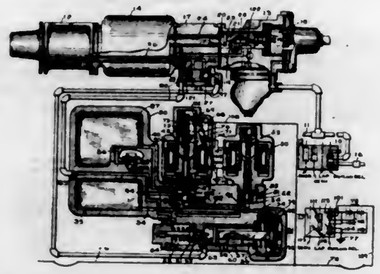
1. Air conditioning apparatus for enclosures, seats within said enclosures provided with supporting means therefor enclosing air chambers which occupy substantially the whole space between the seat and the floor, said chambers being divided into two compartments by a partition, one provided with means for distributing fresh air, and the other provided with means for taking up vitiated air, and orifices for the outflow of air provided in the outer wall of said chambers near the floor and inclined obliquely toward the floor.

2,065,193
DEVICE FOR CONTROLLING COIN-OPERATED MACHINES
Bert E. Mills, Oak Park, Ill., assignor to Mills Novelty Company, Chicago, Ill., a corporation of Illinois
Application July 15, 1933, Serial No. 680,612
6 Claims. (Cl. 194—92)



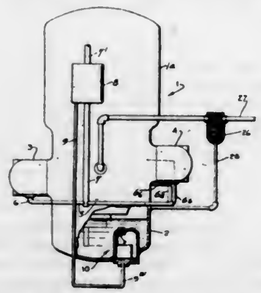
3. A device for controlling coin-operated machines comprising a reciprocable coin slide having a coin-receiving opening therein, means operated by said slide upon a full stroke thereof for controlling the operation of the machine, means for normally obstructing movement of said slide in case no coin has been deposited in said opening, a member controlled by the slide and movable, upon the first operative stroke thereof after insertion of a coin, to position to hold said obstructing means out of obstructing position during a further operative stroke of the slide, thus permitting a plurality of operations of the machine for a single coin, and means operable by the slide upon the final stroke thus permitted for releasing said obstructing means to permit the same to lock the slide against further operative movement unless another coin has been inserted therein.

2,065,194
ELECTRICALLY CONTROLLED BRAKE
Richard L. Nash, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application May 9, 1934, Serial No. 724,739
7 Claims. (Cl. 303—15)



1. In an electrically controlled brake, in combination, two electro-responsive devices for effecting the operation of the brakes, means for impressing a relatively high voltage and a relatively low voltage on said electro-responsive devices, one of said electro-responsive devices being inherently adapted to be operatively responsive to the said relatively low voltage and the other being inherently adapted to be operatively unresponsive to said relatively low voltage, and circuit-controlling means effective upon the impression of the said relatively high voltage on said electro-responsive devices to prevent an operative response of said one electro-responsive device thereto.

2,065,195
AUTOMATIC OIL SEPARATOR CONTROL FOR REFRIGERATING SYSTEMS
Charles R. Neeson, New Rochelle, N. Y., assignor to Baldwin-Southwark Corporation, a corporation of Delaware
Application July 13, 1933, Serial No. 680,181
11 Claims. (Cl. 103—206)

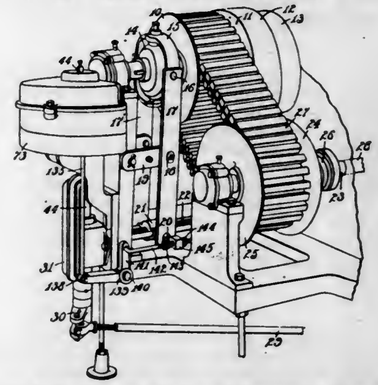


1. The combination in a refrigerating system comprising, a compressor having a high pressure discharge line, a low pressure oil sump, an oil separator in said discharge line, means for allowing communication from said separator to said sump during operation of said compressor and for causing separated oil to be returned to the sump solely under the high pressure refrigerant gas, and means for temporarily interrupting said communication automatically when the return of oil has been completed.

2,065,196
METHOD FOR PURIFICATION OF ANTITOXINS AND THE LIKE
Ivan Alexandrovich Parfentjev, Pearl River, N. Y.
No Drawing. Application October 9, 1934, Serial No. 747,532
11 Claims. (Cl. 167—78)

1. A method of purifying antitoxin contained in a solution of serum proteins which comprises adding a proteolytic enzyme to such solution and digesting the greater portion of the serum proteins with the enzyme without substantial destruction of the antitoxin, the digestion being carried out under acid conditions but at an acidity not greater than that corresponding to pH 4.

2,065,197
AUTOMATIC WARP WIND CONTROL FOR SPINNING FRAMES
Paul B. Reeves and Harry E. Brooks, Columbus, Ind., assignors to Reeves Pulley Company, Columbus, Ind., a corporation of Indiana
Application April 5, 1935, Serial No. 14,738
33 Claims. (Cl. 74—230.17)

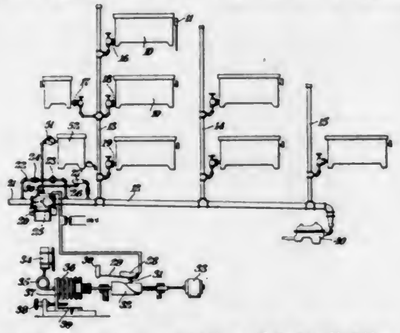


1. In a device of the class described, rotating driving means, driven means including a vibrating member, a variable speed transmission operatively connected between said driving means and said driven means, and including an element oppositely shiftable to vary oppositely the speed ratio between said driving means and said driven means, and means controlling said element comprising a member driven by said vibrating member through an oscillatory stroke of constant position, means for translating the oscillatory movement of said last-mentioned member into step-by-step movement of said element in either direction, and means actuated by the oscillatory movement of said last-mentioned member to reverse the directional effect of said last-named means upon said member.

2,065,198
HEATING SYSTEM AND VALVE MECHANISM THEREFOR
Karl W. Rohlin, Merchantville, N. J., assignor to Warren Webster & Company, Camden, N. J., a corporation of New Jersey
Application May 23, 1935, Serial No. 23,080
6 Claims. (Cl. 237—9)

1. In combination, in a steam heating system, a steam supply main, a valve therein, apparatus for first widely opening said valve and for then accurately regulating the extent to which said

valve is opened in accordance with pressure conditions in said steam main and for then closing the valve and for repeating the same cycle of operations during each of a succession of relatively short spaced periods with short intervals between periods, said apparatus comprising an operating member connected to said valve, a source of power independent of the steam supplied to the system, a body of fluid maintained under pressure by said source of power and acting on said member to determine its position,



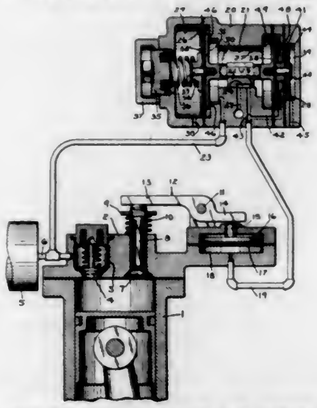
a pilot valve for regulating the application of said fluid to said member, means for positioning said pilot valve in accordance with pressure conditions in said steam main whereby when the steam supply is excessive the pilot valve regulates the application of said fluid so as to cause adjustment of said member in a direction tending to close said valve, and means for automatically turning on and shutting off respectively said source of power at the beginning and ending of each of said periods.

2,065,199

UNLOADER GOVERNOR DEVICE

Everett P. Sexton, East McKeesport, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application March 25, 1933, Serial No. 662,713
12 Claims. (Cl. 137—153)



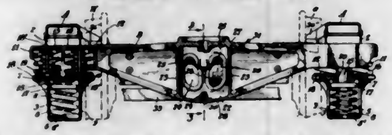
1. A device for controlling the operation of a fluid compressor unloader, comprising a plurality of interconnected movable abutments, tensioned biasing means for urging said abutments in one direction, said abutments being differentially subjected to the pressure of fluid compressed by the compressor and thereby urged in the opposite direction, valve means operably responsive to the movement of said abutments occasioned by variations in the fluid pressure for controlling the operation of the unloader, and means for varying the tension of said biasing means to vary the force applied by said biasing means to said abutments.

2,065,200

CAR TRUCK WITH BRAKE MECHANISM

James A. Shafer, East Cleveland, Ohio, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio, a corporation of Ohio

Application September 22, 1931, Serial No. 564,300
4 Claims. (Cl. 188—52)



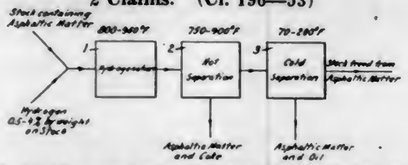
1. In a car truck, a pair of side frames including wheel axles journaled in said frames, each side frame having a spring seating portion, a bolster forming the sole means for tying said side frames together, a brake mechanism including brake beams positioned on either side of said bolster and below the centers of said axles, said bolster having its center portion deepened to a point below said spring seating portions and substantially in the horizontal plane of said brake beams, said brake mechanism including connecting means for said brake beams comprising a rod extending through an opening in the center portion of said bolster.

2,065,201

HYDROGENATION OF HYDROCARBONS

Antoni Szayna, Lwow, Poland, assignor to Sinclair Refining Company, New York, N. Y., a corporation of Maine

Application June 6, 1931, Serial No. 542,579
2 Claims. (Cl. 196—53)



1. In the separation of asphaltic matter from petroleum stock containing such matter, the improvement which comprises heating the stock to a temperature upwards of 800° F. and under a pressure upwards of 100 atmospheres in the presence of hydrogen in amount upwards of 0.5% by weight on the stock, whereby hydrogenation and some cracking occur, cooling the resulting stock mixture to a temperature not exceeding about 200° F., separating the cooled stock mixture by gravity into a relatively light liquid phase substantially free from asphaltic matter and a relatively heavy liquid phase containing precipitated asphaltic matter, and separately discharging from the zone of separation the relatively light liquid phase substantially free from asphaltic matter.

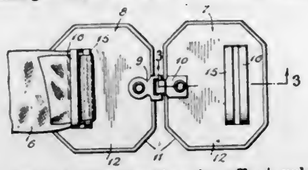
2,065,202

BELT BUCKLE

Isidore A. Weidhorn, Lynbrook, N. Y.

Application May 25, 1935, Serial No. 23,432
1 Claim. (Cl. 24—75)

In combination, a belt buckle comprising a body consisting of a front section, a rear section nested within and separable from the front section, a cover for said front section having portions interposed between said sections to frictionally maintain the nested relationship thereof, and separate belt-securing strips struck from the material of



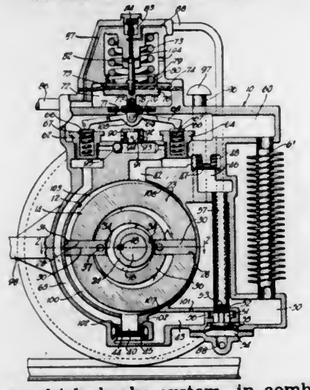
the face of said rear section in offset relation to the plane of said face and in spaced relation to each other throughout, with said strips entirely concealed by said front section when the buckle is in operative position.

2,065,203

HYDROPNEUMATIC BRAKE

Burton S. Aikman, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application January 30, 1935, Serial No. 4,041
20 Claims. (Cl. 188—90)



1. In a vehicle brake system, in combination, a brake pipe, a brake device having a chamber and a rotor operable to impel a fluid into said chamber, means for establishing a communication leading from said chamber, and means for controlling the flow of fluid from said chamber through said communication in accordance with reductions in brake pipe pressure, whereby said brake device is caused to produce a braking effect corresponding to brake pipe reductions.

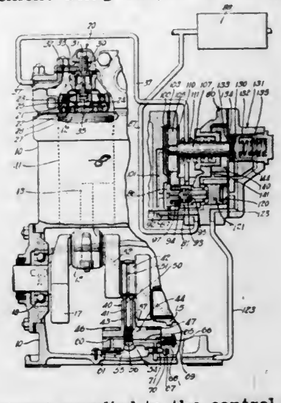
2,065,204

COMPRESSOR UNLOADING DEVICE

Burton S. Aikman, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application January 30, 1935, Serial No. 4,042
21 Claims. (Cl. 230—206)

1. In a fluid compressor, a lubricating system adapted to supply lubricant under pressure to portions of the compressor, means for unloading the compressor, control means responsive to the pressure of lubricant supplied thereto and operable to control said unloading means, and means responsive to the pressure of fluid compressed by the compressor and controlling the pressure of the lubricant supplied to the control means, said means comprising a valve element controlling a passage leading from said control means, said valve element being subject to the pressure of



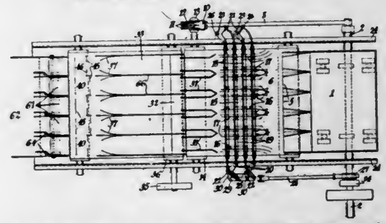
the lubricant supplied to the control means and being urged thereby to a position to close the passage controlled thereby.

2,065,205

SEPARATION OF COAL AND THE LIKE

Kenelm Charles Appleyard, Birtley, and Alfred Flint, Low Fell, England, assignors of one-third to The Birtley Company Limited, Birtley, England

Application March 11, 1935, Serial No. 10,576
In Great Britain March 12, 1934
4 Claims. (Cl. 198—30)



1. Apparatus for marshalling pieces of coal and the like fragmentary materials comprising a conveyor, a pair of substantially vertical plates or walls between which the material is conveyed, the plane of the plates or walls being substantially parallel to the direction of travel of the material, means imparting to each plate simultaneously a reciprocating motion having a longitudinal component and a transverse component, the longitudinal components being in opposite directions and the transverse components in the same direction in the two plates or walls and means for imparting an intermittent longitudinal motion to the conveyor.

2,065,206

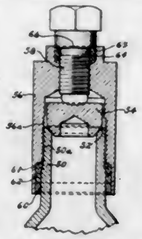
CLOSURE

Wilbur H. Armacost, New York, N. Y., assignor to The Superheater Company, New York, N. Y.

Original application June 12, 1933, Serial No. 675,422, now Patent No. 2,029,284, February 4, 1936. Divided and this application July 25, 1935, Serial No. 33,022
1 Claim. (Cl. 138—95)

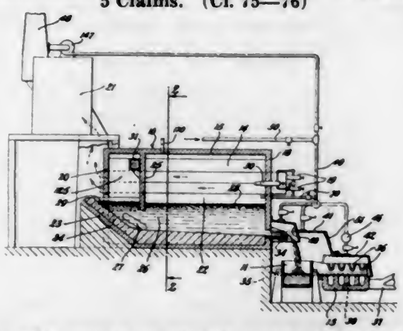
A closure arrangement adapted to resist heating gases and corroding substances carried thereby comprising in combination with a clean-out

throat, a sleeve threaded to the outside of said throat, a closure piece within said sleeve and arranged to bear on said throat near the outer end thereof, a pressure member threaded into said sleeve and bearing on said piece to force



said piece against said throat, said sleeve having recesses surrounding the outer ends of the threads on said throat and said pressure member, and packing arranged in said recesses so as to protect the threads of said throat, sleeve and pressure member against corrosion.

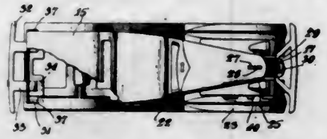
2,065,207
PROCESS FOR MELTING AND CASTING HIGH PURITY METAL
Jesse Oatman Betterton, Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y., a corporation of New Jersey
Application February 4, 1933, Serial No. 655,208
5 Claims. (Cl. 75—76)



1. The method of melting copper cathodes and casting them into refined copper shapes which comprises charging the cathodes into a melting furnace through an alcove having a hydraulic seal, maintaining a layer of carbonaceous material on the surface of the metal in the alcove, melting the metal by radiant heat in a quiescent atmosphere, keeping the surface of the bath covered with a layer of protecting slag, applying a substantially non-absorbable gas to the laboratory of the furnace, tapping said furnace into a ladle, pouring molten copper from said ladle into moulds for the refined copper shape and maintaining a non-absorbable atmosphere over said ladle and over said moulds while the metal in said moulds is molten.

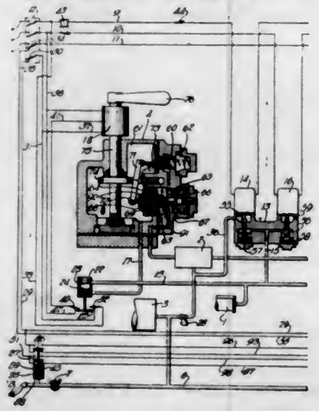
2,065,208
TOY
Frank Bischof, Jr., Chicago, Ill., assignor to Dowst Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application February 26, 1935, Serial No. 8,269
4 Claims. (Cl. 46—223)

3. A toy including running gear and body portions, projections extending downwardly from such body portions, latch elements upon the outer faces of such projections and adjacent the outer ends thereof, such running gear portion presenting opposed inner edge portions spaced a distance less than the distance between such latch elements, and such body portion being formed



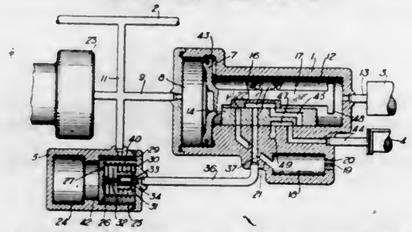
of a material capable of being flexed whereby, as such portions are brought to assume proper positions with respect to each other, such latch elements will cam against the edges of the running gear portion and will thereupon snap outwardly below such edges to lock such running gear and body portions against separation.

2,065,209
ELECTRO-PNEUMATIC BRAKE
Donald F. Brown, King's Cross, London, England, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application February 26, 1935, Serial No. 8,309
In Great Britain February 27, 1934
6 Claims. (Cl. 303—15)



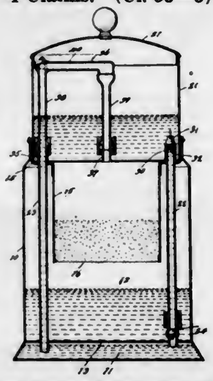
1. In an electro-pneumatic brake apparatus, in combination, a brake cylinder, an application magnet valve device operative upon deenergization to supply fluid under pressure to said brake cylinder, a release magnet valve device operative upon energization to release fluid under pressure from said brake cylinder, an application switch contact operative when closed to effect the energization of said application magnet valve device, a release switch contact operative when closed to effect the energization of said release magnet valve device, means controlled by the fluid pressure in said brake cylinder and an opposing fluid pressure and operative upon a preponderance of said opposing fluid pressure to close said application switch contact and open said release switch contact, and operative upon a preponderance of brake cylinder pressure to close said release switch contact and open said application switch contact, and manually operable means for varying the degree of said opposing fluid pressure.

2,065,210
QUICK SERVICE CONTROL VALVE
John Canetta, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application October 11, 1935, Serial No. 44,489
11 Claims. (Cl. 303—37)



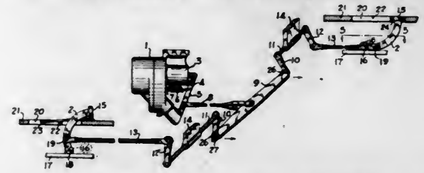
1. In a fluid pressure brake, in combination, a brake pipe, a brake controlling valve device operated upon a reduction in brake pipe pressure for effecting an application of the brakes, quick service means operated upon a gradual reduction in brake pipe pressure for effecting a local reduction in brake pipe pressure, and means operative when the rate of reduction in brake pipe pressure exceeds a predetermined rate for preventing said quick service means from acting to effect a local reduction in brake pipe pressure.

2,065,211
INFUSION MAKING APPARATUS
Louis da Costa Carvalho, New Orleans, La.
Application April 5, 1934, Serial No. 719,063
4 Claims. (Cl. 53—3)



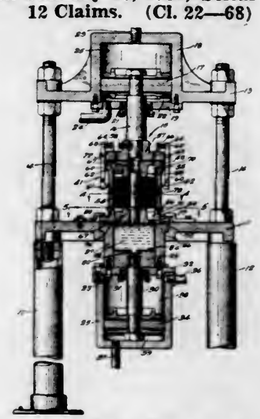
1. Apparatus for making drip coffee, comprising in combination with a pot having an upper container for ground coffee formed and positioned to permit liquid to pass therefrom into the pot, a water heating chamber at the bottom of the pot, a supply tube extending downward from near the top of the pot for supplying cold water to the heating chamber, a non-return valve for preventing reverse flow through said tube, a discharge tube extending upward from the heating chamber to near the top of the pot, the lower end of the discharge tube opening into the heating chamber at a point intermediate the top and bottom thereof, a removable water reservoir adapted to seat at the top of the pot above the ground coffee container, said reservoir having openings in its bottom to register with the ends of the supply and discharge tubes when the reservoir is positioned on the pot, means for making watertight connections between the tubes and the bottom of the reservoir, the reservoir also having a central opening in the bottom thereof, and means providing a connecting conduit within the reservoir extending upward from the opening which registers with the end of the discharge tube to a point above the maximum water level in the reservoir and thence downward to said central opening.

2,065,212
BRAKE APPARATUS FOR CARS
Joseph M. Dapron, St. Louis, Mo., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application April 7, 1934, Serial No. 719,503
12 Claims. (Cl. 188—107)



1. In a double end car brake equipment, the combination with a foot pedal at each end of the car either of which is operative to control the operation of a single brake valve device, mechanical members operatively connecting said foot pedals to said brake valve device, either one of said pedals being movable by foot pressure to tension said mechanical members to effect the operation of said brake valve device to apply the brakes, and each pedal having an over center locking position with respect to the direction of force acting through said mechanical members, either foot pedal when in said locking position being adapted to condition the mechanical connection for operation by the other foot pedal.

2,065,213
ROTOR CASTING MACHINE
Edward F. Dolan, Los Angeles, and Henry C. Mellon, Pasadena, Calif., assignors to U. S. Electrical Motors, Inc., a corporation of California
Application January 16, 1931, Serial No. 509,072
12 Claims. (Cl. 22—68)



9. In a machine for casting conducting metal into cooperative relation with respect to a stack of laminations, a mold body adapted to enclose a stack of laminations, a common movable

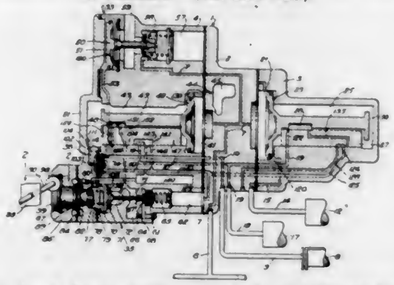
means for closing one end of the body and for compressing said stack, means for passing molten metal into the mold body, and means whereby movement of said common means in mold opening direction permits only a limited motion between said common means and the mold body, after which the common means lifts the mold body.

2,065,214

FLUID PRESSURE BRAKE

Sidney G. Down, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application October 4, 1935, Serial No. 43,519
6 Claims. (Cl. 303—35)



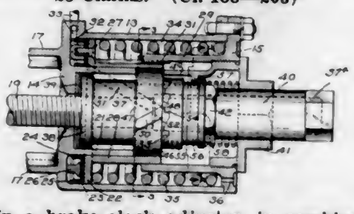
1. In a fluid pressure brake, in combination, a brake pipe, a brake cylinder, a brake controlling valve device operated upon a reduction in brake pipe pressure for supplying fluid under pressure to the brake cylinder, valve means controlling a communication through which fluid under pressure is supplied to the brake cylinder, control means subject to the opposing pressures of the fluid supplied to the brake cylinder and of a spring and controlling said valve means, and means to adjustably vary the pressure exerted on said means by said spring, said control means being adapted in response to a predetermined increase in the pressure of the fluid supplied to the brake cylinder in one adjustment of the spring to operate the valve means to effect a reduction in the rate of flow of fluid to the brake cylinder, and being adapted in another adjustment of the spring to be inoperative in response to said predetermined increase in the pressure of the fluid supplied to the brake cylinder to operate the valve means to effect a reduction in the rate of flow of fluid to the brake cylinder.

2,065,215

SLACK ADJUSTER

Clyde C. Farmer, Pittsburgh, Pa., and John E. Redford, Florissant, Mo., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application March 23, 1935, Serial No. 12,560
23 Claims. (Cl. 188—203)



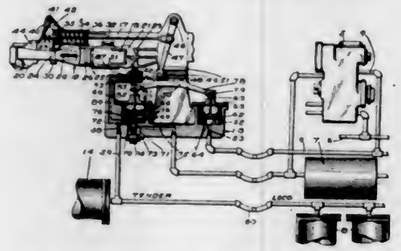
1. In a brake slack adjuster, in combination, a movable slack take-up member, an annular fluid pressure cylinder having inner and outer concentric walls, said inner wall being of less length than the outer wall, means operable to actuate said member, and an annular piston in said cylinder slidably contacting with said walls and operative to actuate said means, said piston being operatively connected with said means at the end of the inner wall of the cylinder.

2,065,216

FLUID PRESSURE BRAKE

Clyde C. Farmer, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application September 21, 1935, Serial No. 41,511
12 Claims. (Cl. 303—18)



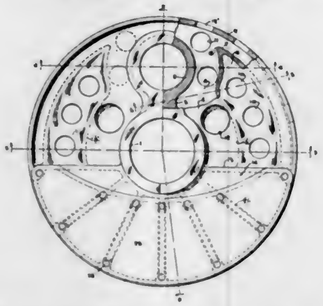
1. In a fluid pressure brake applied to a vehicle of a train, in combination, a brake cylinder, means operative according to the opposing pressures of the brake cylinder and a chamber for controlling the supply of fluid under pressure to the brake cylinder and including a fulcrumed lever through which the pressure of the chamber is transmitted to oppose the brake cylinder pressure, and a movable fulcrum member movable to vary the lever ratio of said lever, and means for shifting said fulcrum member according to the movement of said vehicle relative to another vehicle in the train.

2,065,217

LOCOMOTIVE DRIVING WHEEL

Thomas H. Fawcett, Philadelphia, Pa.

Application April 13, 1933, Serial No. 665,980
9 Claims. (Cl. 295—2)



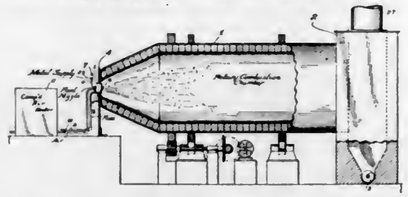
1. A locomotive driving wheel having axle and crankpin hubs joined together by a reduced neck, a rim, and means connecting said rim and hubs including a double wall hollow portion of substantially triangular cross-section, said double walls extending around at least a portion of said hubs and across the neck thereof.

2,065,218

MANUFACTURE OF METALLIC FUME

Claude F. Garesché, South Orange, N. J., assignor to National Lead Company, New York, N. Y., a corporation of New Jersey

Application May 13, 1931, Serial No. 537,059
20 Claims. (Cl. 23—146)



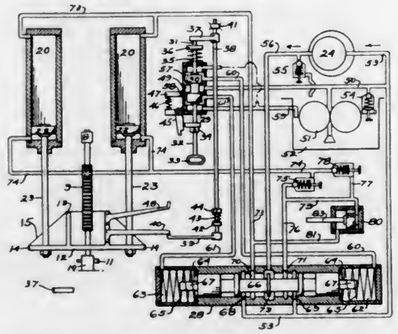
11. The method of manufacturing metallic oxide which comprises projecting a blast of finely-divided metal substantially horizontally into a combustion chamber in the presence of flame and excess oxygen thereby volatilizing and oxidizing the metal while in suspension, coincidently collecting on the floor of the chamber such unvolatilized particles as fall out of the blast, rotating said chamber so as to elevate and drop such particles repeatedly through the flame, and continuously withdrawing, cooling and collecting the oxidation products from said chamber.

2,065,219

BROACHING MACHINE

Walter Ferris, Milwaukee, Wis., assignor to The Oilgear Company, Milwaukee, Wis., a corporation of Wisconsin

Continuation of application Serial No. 710,396, February 9, 1934. This application September 16, 1935, Serial No. 40,790
30 Claims. (Cl. 90—33)



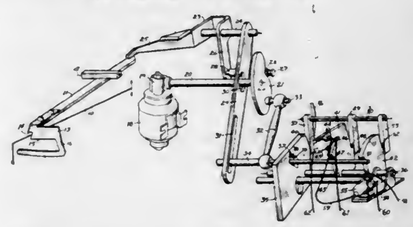
25. A surface broaching machine, comprising a frame having an elongated broach support, a broaching tool fastened to said broach support and supported thereby throughout its entire effective length, a movable work support for carrying the work to be broached by said tool during movement of said work support in one direction, power means for reciprocating said work support longitudinally of said tool, means for retaining a piece of work upon said work support and fixing it against movement relative thereto during broaching, said work when being broached exerting a thrust against said tool transverse to the direction of support movement and thereby tending to cause relative displacement of said tool and said work support, abutment means carried by said work support and engaging said broach support behind said tool to take said thrust and thereby prevent said relative displacement, and means responsive to said support approaching the limit of its movement in said direction for operating said retaining means to release said work from positive engagement with said tool during movement of said support in the opposite direction.

2,065,220

CONTROL APPARATUS

Otto T. Handwerk, Chicago, Ill., assignor, by mesne assignments, to The Brown Instrument Company, Philadelphia, Pa., a corporation of Pennsylvania

Continuation of applications Serial No. 484,059, September 24, 1930, and Serial No. 513,662, February 5, 1931. This application May 22, 1933, Serial No. 672,359
23 Claims. (Cl. 200—56)



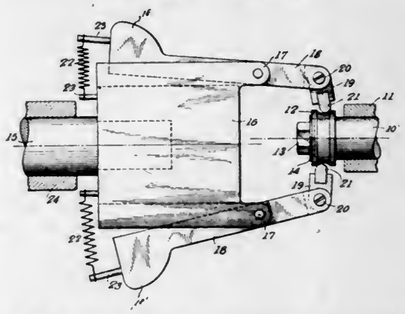
1. The combination with control means having a variable movement depending upon changes in the condition to be controlled, and a final power-operated controlling member variably controlled by said first means and given thereby movement into positions corresponding to the position of the first means.

2,065,221

LAPPING DEVICE

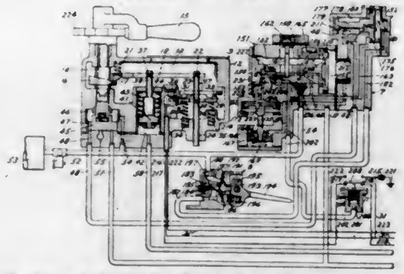
Charles Henry Hellyar, New Britain, Conn., assignor to The Fafnir Bearing Company, New Britain, Conn., a corporation of Connecticut

Application April 11, 1928, Serial No. 269,108
Renewed December 29, 1932
12 Claims. (Cl. 51—73)



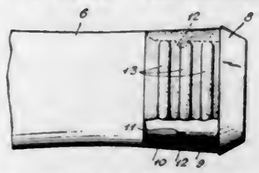
1. A lapping device comprising in combination, a spindle adapted to support and rotate an article to be lapped about a fixed axis, a lapping tool mounted upon a pivoted member, means to revolve said pivoted member about an axis out of alignment with said spindle supporting said article, and a weight on said pivoted member forcing said lapping tool into contact with said article when said pivoted member is revolved.

2,065,222
TRAIN BRAKING SYSTEM
Ellis E. Hewitt, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application September 24, 1935, Serial No. 41,838
12 Claims. (Cl. 303—24)



12. In a vehicle brake system, in combination, braking means, straight air means for controlling the application of the brakes, continuously operable automatic means for also controlling the application of the brakes, means for controlling the degree of braking when the brakes are applied by operation of said straight air means to limit the rate of retardation of the vehicle to a predetermined value, and means operative upon initiation of an application of the brakes by an emergency application of said automatic means for effecting operation of said straight air means to effect an application of the brakes.

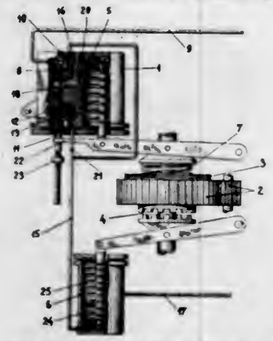
2,065,223
BIT FOR SMOKING PIPES AND THE LIKE
Rudolph Hirsch, North Bergen, N. J.
Application April 1, 1936, Serial No. 71,998
2 Claims. (Cl. 131—12)



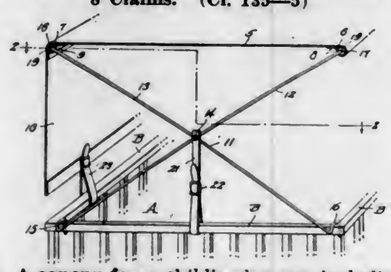
2. In combination, a stem for smoking pipes and like articles, said stem having a mouthpiece provided with a circumferentially extending recess having opposed notches therein, and a pliable bit in said recess encircling said mouthpiece and having projections on its inner surface engaging in said notches.

2,065,224
FRICTIONAL AND POSITIVE CLUTCH MECHANISM
Ladislav Hladik, Pilsen, Czechoslovakia, assignor to Limited Company, formerly the Skoda Works, Pizen, Prague, Czechoslovakia, a corporation of Czechoslovakia
Application March 6, 1936, Serial No. 67,483
In Czechoslovakia March 5, 1935
7 Claims. (Cl. 192—53)

1. Clutch mechanism comprising a friction coupling and a claw coupling, pistons and cylinders for operating said couplings by means of a pressure medium and means for distributing said pressure medium including a chamber, means for admitting the pressure medium to said chamber, conduits leading from the chamber to the coupling operating cylinders and a conduit leading from the chamber to atmosphere, a recessed slider within said chamber and adapted to control the emergence of the pressure medium therefrom and a piston and cylinder controlling the movements of the slider, said slider in one extreme position admitting pressure medium to the conduit leading to the friction coupling operating cylinder and placing the conduit leading to the claw-coupling operating cylinder into communication with the conduit open to the atmosphere, in its intermediate position admitting pressure medium to the conduits leading to both the friction and the claw-coupling operating cylinders, and in its other extreme position admitting pressure medium to the conduit leading to the claw-coupling operating cylinder and placing the conduit leading to the friction coupling operating cylinder into communication with the conduit open to the atmosphere.



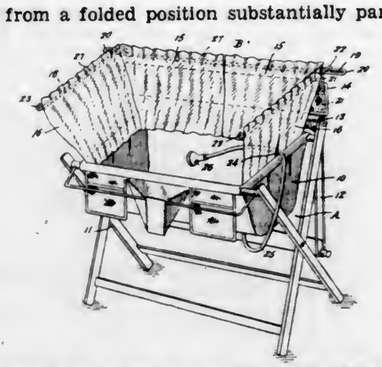
2,065,225
CANOPY FOR CHILDREN'S PLAY DEVICES
Benjamin H. Kennedy, Rochester, N. Y.
Application November 16, 1935, Serial No. 50,125
8 Claims. (Cl. 135—5)



1. A canopy for a child's play pen including a pair of stretcher rods removably associated with opposite side edges of a flexible top and a pair of supporting frames each including a pair of pivotally connected crossed arms detachably connected with opposite ends of the stretcher rods, and means on the lower end of each of said arms for embracingly engaging the upper edge of a side of the play pen.

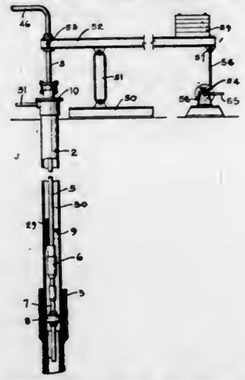
2,065,226
ACCESSORY FOR INFANTS' BATHING DEVICES
Benjamin H. Kennedy, Rochester, N. Y.
Application March 21, 1936, Serial No. 70,038
11 Claims. (Cl. 4—177)

1. An infant's bath tub accessory including flexible curtain sections and means for supporting the same in juxtaposition to the ends and rear side of the tub comprising a rear curtain rod supported from and above the rear of the tub, a pair of end curtain rods carried by the opposite ends of the rear curtain rod and shiftable from a folded position substantially parallel



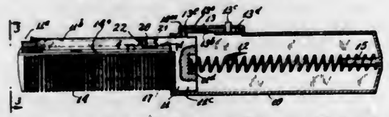
therewith to a set up position extending forwardly therefrom.

2,065,227
WELL FLOWING DEVICE
Milton P. Laurent, Houston, Tex., assignor to W-K-M Company, Houston, Tex., a corporation
Application September 27, 1934, Serial No. 745,774
13 Claims. (Cl. 103—234)



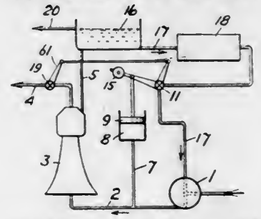
1. A fluid lift pump for oil wells including, a string of tubing arranged for reciprocation, an oil valve and a gas valve associated with the lower end of said tubing, and movable relative to each other, said valves being controlled by the reciprocation of said tubing and arranged so that the admission of gas to the pump occurs during an interruption in the admission of oil to the pump.

2,065,228
HAIR COMB
Michael Liguori, Lodi, N. Y.
Application June 12, 1935, Serial No. 26,178
3 Claims. (Cl. 132—15)



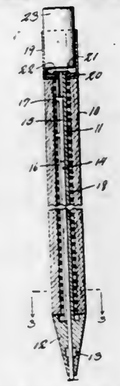
1. A tonsorial device comprising a flat casing with an open end, a catch member on the said casing, inwardly extending flanges on the open end of the casing, a comb support arranged for reciprocation into and out of said casing consisting of a flange-abutting base block and an arm having a catch-engaging notch in the outer end, a comb rigidly mounted on said comb support, a normally compressed spring housed within said casing between the inner end of said comb support and the closed end of said casing, said catch being normally engaged in said notch, said spring being adapted to urge said comb out of said casing and retain the same in such position while said comb is being used.

2,065,229
CENTRIFUGE
Hans Olof Lindgren, Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y., a corporation of New Jersey
Application January 20, 1933, Serial No. 652,746
In Sweden January 23, 1932
17 Claims. (Cl. 233—11)



1. The combination with a centrifuge provided with an inlet and an outlet and comprising packing means with which outflowing liquid contacts, of a supply pipe for liquid to be separated an auxiliary pipe adapted to convey a cooling liquid, both said pipes communicating with the packing means of the centrifuge, and means controlled by the pressure in the supply pipe to maintain said auxiliary pipe closed during normal flow toward the centrifuge of liquid to be treated and to open said auxiliary pipe to admit cooling fluid to the centrifuge when the input of liquid to be treated falls below a desired minimum, thereby insuring cooling of the tightening surfaces between rotary and stationary parts in the packing means while the separator is operating during the period of reduced or no inflow of liquid to be treated.

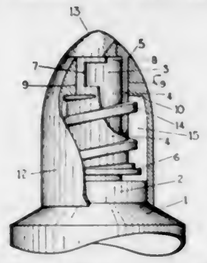
2,065,230
MECHANICAL PENCIL AND METHOD OF MAKING IT
Samuel E. Linton, Jr., Shelbyville, Tenn.
Application August 6, 1936, Serial No. 94,678
5 Claims. (Cl. 120—18)



1. The method of making pencils which consists in longitudinally grooving a slab of material,

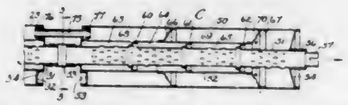
pressing a lead propelling mechanism into the groove, covering the face of a second grooved slab with glue, placing this slab with the grooves downward upon the first named slab, and pressing the two slabs against each other under a pressure which shall embed the propelling mechanism within the grooves.

2,065,231
CLOSURE
Charles S. Loudenslager, Sr., and Charles S. Loudenslager, Jr., Columbus, Ohio
Application March 17, 1934, Serial No. 716,180
12 Claims. (Cl. 221—60)



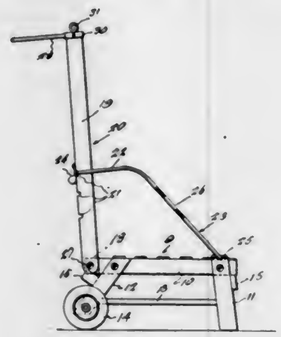
1. An automatic closing device for collapsible containers and the like, comprising in combination a cylindrical neck having a shoulder at its base, a cylindrical, sliding sleeve suspended around said neck, above said shoulder, in such a manner that it may reciprocate thereon, and having an open lower end and a closed upper end, an orifice in the side wall, adjacent the upper end, said orifice being closed by a member forming a part of said closing device when the said sliding sleeve is in its lowermost position and open when it is in its uppermost position, means for limiting the lowermost position of said sliding sleeve, a coil compression spring mounted in surrounding relation to said sleeve and having its lower end abutting a flange extending outwardly on the lower end of said sliding sleeve, a cylindrical housing member mounted on said shoulder of said neck in spaced relation to the outer periphery of said compression spring, and having an internal flange at its upper end contacting and retaining the upper end of said compression spring, said compression spring thus restricted being adapted to normally maintain said sliding sleeve in its lowermost position, all the parts of said closing device being combined as a separate unit which is attached to the neck of said container.

2,065,232
MUFFLER
Roy J. MacKenzie and Lucien L. Haas, Buffalo, N. Y., assignors to Buffalo Pressed Steel Company, Buffalo, N. Y.
Original application May 3, 1934, Serial No. 723,735. Divided and this application July 22, 1936, Serial No. 91,810
8 Claims. (Cl. 181—48)



2. A muffler comprising at least two sections and having a substantially continuous inner passage for gases and sound waves extending through said sections, each section being provided with intermediate and outer shells surrounding said inner passage and forming about said passage intermediate and outer chambers, the outer chamber of one of said sections being connected to receive sound waves from said passage and the outer chamber in another section having no connection with the inner chamber or passage in its section, and a relatively small tube connecting the outer chambers of adjacent sections.

2,065,233
CONVERTIBLE MULTIPLE PURPOSE CHAIR
Ernest J. Mallett, Riverdale, Md.
Application December 10, 1935, Serial No. 53,768
2 Claims. (Cl. 155—30)

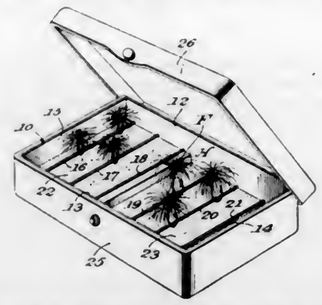


1. In a convertible toy doll chair of the class described, a miniature structure comprising a pair of duplicate relatively short front legs, a brace connecting said legs together, a horizontal chair bottom including a pair of spaced parallel rails secured at corresponding ends to the upper end portions of said front legs and bearing on said brace, said rails having their opposite ends formed with tenon-like extensions, a pair of complemental rear legs secured at their upper ends to said rails inwardly of said extensions, said rear legs inclining at substantial obtuse angles to the longitudinal dimensions of said rails and terminating short of the supporting surface, wheels attached to the extreme lower ends of said rear legs and cooperating with the front legs and forming a uniform support for the seat structure, a second cross-brace attached to the rear edges of said rear legs and disposed on a plane slightly below said extensions, and a back rest unit including side rails having their inner ends bifurcated, the furcations straddling and being pivotally connected to said extensions directly over said last-named cross-brace, said furcations being engageable with said cross-brace under predetermined conditions to promote uniform stress and strain stabilizing means between the back rest and said rails.

2,065,234
FLY BOX
Edward L. Martinez, Dedham, Mass.
Application April 17, 1935, Serial No. 16,762
7 Claims. (Cl. 43—32)

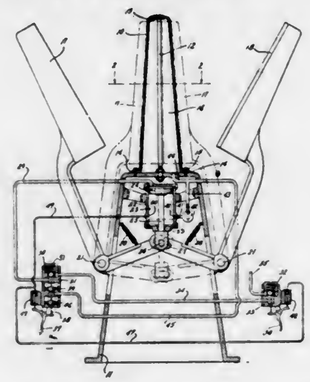
1. In a hook container, cooperating flat and rod-like hook retaining members normally positioned in engagement, one of said members being rigid and located in fixed position and the other being

resilient to permit a hook to be inserted and held therebetween, the surface of said rod-like mem-



ber having a curvature sharper than the curvature of the hook to be held between said members.

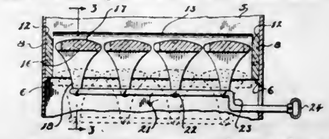
2,065,235
PRESSING MACHINE
Albert Matthews, Cincinnati, Ohio, assignor to The American Laundry Machinery Company, Norwood, Ohio, a corporation of Ohio
Application October 13, 1934, Serial No. 748,156
3 Claims. (Cl. 223—57)



1. In a pressing machine, an elongated expansible fluid-tight bag, chest means adapted to closely surround the longitudinal surface of said bag, a fluid-actuated cylinder and piston motor having operative connections for positioning said chest means about said bag, a port in said cylinder in communication with the interior of said bag, said port being uncovered when said piston has substantially completed its positioning stroke, and means for supplying pressure fluid to said motor.

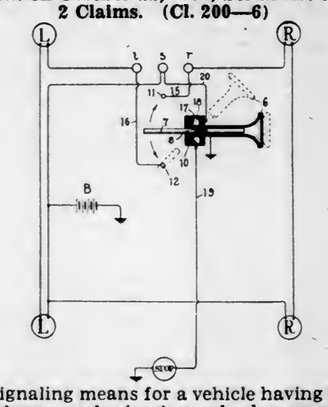
2,065,236
GRATE
Ewen Boyd McBain, Strathclair, Manitoba, Canada
Application April 18, 1934, Serial No. 721,181
3 Claims. (Cl. 126—154)

1. A grate comprising in combination with a stove, end frame members, means on said stove to support the same, other means on said stove to prevent their inward collapse, invertible side frame members on said end frame members removable vertically therefrom and adapted to be supported in either position thereon and grate bars carried by said side frame members nearer one horizontal edge thereof so that the vertical



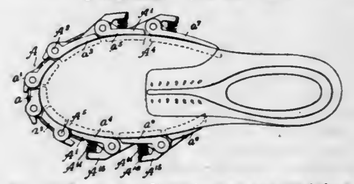
position of said grate bars is changed on the inverting of said side frame members.

2,065,237
VEHICLE SIGNALING SWITCH
Jesse H. McCloud, Staley M. McCaskill, and Fred S. Sherman, Norfolk, Va.
Application October 22, 1932, Serial No. 639,050
2 Claims. (Cl. 200—6)



1. Signaling means for a vehicle having a steering column and steering wheel comprising a switch box, a switch and an unbiased handle slidably sleeved on the switch, an element pivoted in the switch box and carrying said switch handle whereby the switch and handle are pivotally mounted in the switch box and said handle extends from one end of the switch box, contacts angularly spaced in the switch box adapted to be engaged by the switch upon pivotal movement thereof, a contact mounted in said element, a contact carried by the slidable handle adapted to engage the last named contact when the handle is manually slid on the switch, and means for securing the other end of the switch box to the side of the steering column whereby the handle extends close to the rim of the steering wheel.

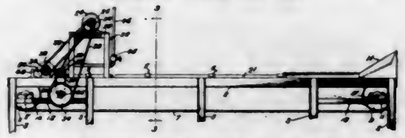
2,065,238
SHOE SOLE ATTACHING APPARATUS
William F. McCormick, Elmhurst, N. Y., assignor to Barge Electric Shoe Cement Press, Inc., a corporation of New York
Application June 29, 1935, Serial No. 28,991
9 Claims. (Cl. 12—33)



1. In or for a welt gripper comprising a plurality of hinged sections whose welt engaging surfaces are flush to form an even surface, a

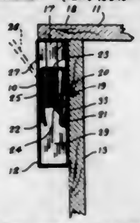
section provided at opposite ends with hinge bearings, the bearing at one end corresponding to the complement of the bearing at the opposite end.

2,065,239
BEAN SLICING MACHINE
Rufus A. Mills, Baltimore, Md., assignor to R. E. Roberts, trading as Lord-Mott Company, Baltimore, Md.
Application April 23, 1936, Serial No. 76,071
1 Claim. (Cl. 146—98)



In a machine for slicing stringless beans or the like, a substantially horizontal support, a conveyor belt traveling lengthwise of said support and having a series of parallel grooves in one face thereof, a feed hopper mounted over said conveyor at one end of said support, a series of circular knives rotatably mounted at the other end of said support with their peripheries seated in said grooves, a series of guide plates mounted on said support parallel to each other and extending from said hopper to said knives, and with their lower edges in relatively sliding contact with the grooved face of said belt, means for rotating said knives and driving said conveyor belt, a shaft mounted to rotate on said support adjacent to said knives smooth-surfaced drums on said shaft extending into the channels formed by said guide plates and substantially equal in widths to the widths of said channel to press the beans or the like into frictional contact with said conveyor belt, and mechanism, in advance of and adjacent to the last named means for directing a spray of liquid onto the conveyor belt and beans or the like thereon during the movement thereof toward said knives.

2,065,240
SHIPPING CASE FASTENER
Thomas O. Newson, Norton, Kans.
Application November 19, 1935, Serial No. 50,595
In Canada June 18, 1935
2 Claims. (Cl. 292—114)



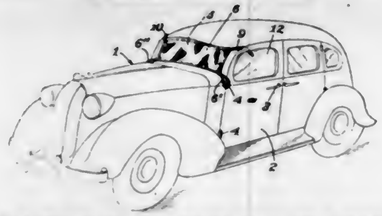
1. In a shipping case fastener as described comprising a keeper element consisting of a casing having an aperture therein and a flange bent inwardly from the inner wall thereof, a fastener element consisting of a casing, a projectable catch member reciprocally mounted in said fastener casing, a spring associated with said catch member adapted to exert a retractive force thereon, a hook formed on said catch member, a lug associated with said catch member, said fastener casing and catch member having apertures through which a tool may be inserted to engage said lug whereby said catch member may be manually projected through the aperture of the keeper casing to engage said hook with the flange in the keeper casing.

2,065,241
METHOD OF TREATING PLANTS
Carl Oetling, Berlin-Steglitz, Germany
No Drawing. Application December 21, 1934, Serial No. 758,707. In Germany December 1, 1933
7 Claims. (Cl. 47—58)

1. A method for treating plants which comprises subjecting the plants to natural silicic acid in such a finely ground state that at least from 40 to 60% of the ground material will pass through a sieve having a mesh of 10,000 per square centimeter.

7. A method for treating plants with a mixture which consists in subjecting the plants to the mixture comprising finely divided silicic anhydride, manganese salts and iron salts.

2,065,242
WINDSHIELD PROTECTOR
George G. Omerly, Jr., Wyncote, Pa.
Application August 29, 1936, Serial No. 98,568
2 Claims. (Cl. 296—84)



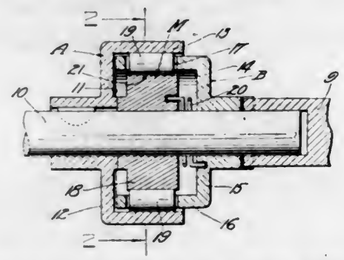
1. A windshield protector including a rectangular fabric body portion of a size coextensive with the windshield of an automobile, depending elastic loops secured to the lower respective corners of said body portion and adapted to be hooked over the upper hinges of the door of said automobile, upwardly extending elastic strips secured to the respective upper corners of the body portion of the protector, said strips adapted to be held between the upper edge of the door and the door frame and the said loops and the said strips thereby tightly holding the protector over the said windshield.

2,065,243
CLOSURE
Floyd R. Perkins, Chicago, Ill.
Application April 25, 1935, Serial No. 18,190
6 Claims. (Cl. 221—61)



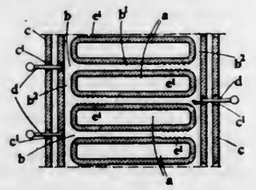
1. A dispensing closure of elastic material comprising a skirt to fit about the neck of a container, and a compressible head integral with the skirt and terminating in a nose, the nose having a slit therein, and the head being at an oblique angle to said skirt.

2,065,244
CLUTCH
Carroll H. Richards, Wellesley, Mass.
Original application March 11, 1933, Serial No. 660,399. Divided and this application March 21, 1935, Serial No. 12,183
6 Claims. (Cl. 192—56)



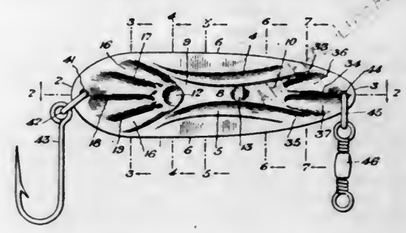
6 The combination of a driving element, a driven element, a rotatable member, and means providing a driving connection between said member and said elements adapted to receive opposed forces responsive to the torques of said elements whereby said driving connection is disconnected when said force responsive to the torque of the driven element becomes a predetermined amount greater than the other of said opposed forces, and manually operable means adapted to rotate said member to render said driving connection inoperative.

2,065,245
APPLICATION OF HEAT TO RETORTS, COKE OVENS, AND THE LIKE
John Roberts, Westminster, London, England
Application August 17, 1935, Serial No. 36,688
In Great Britain January 19, 1934
4 Claims. (Cl. 202—125)



1. Means for the external application of heat to vertical retort or coke oven chambers, consisting of a setting, a number of vertical retort or coke oven chambers disposed within the setting, sets of horizontal heating flues disposed in vertical series in the height of the setting, each of said sets of horizontal heating flues comprising interstitial parallel flues between opposite walls of adjacent chambers and transversely disposed flues communicating therewith and extending longitudinally adjacent the respective ends of the said chambers, and fuel burners for the respective sets of horizontal heating flues, the fuel burners for each set being mounted alternately at opposite ends of alternate interstitial flues to maintain the flow of heating gas in alternate interstitial flues in opposite directions.

2,065,246
TROLLING SPOON
John H. Saarinen, Astoria, Oreg.
Application January 20, 1936, Serial No. 59,985
6 Claims. (Cl. 43—45)



1. In a trolling spoon, a plate of substantially ovoidal contour, said plate being provided on one of its faces between its longitudinal median and its side edges with a pair of oppositely disposed segmental ridges lengthwise thereof and on its other face between said median and side edges with a pair of oppositely disposed segmental grooves lengthwise thereof, said plate being formed on the said other face between said grooves with a central ridge lengthwise thereof, said plate being formed on the said other face with a set of radially disposed ridges at its follower end portion and on the said other face with a set of radially disposed ridges at its leading end portion and said plate being formed with a pair of recesses one of which being located at one end of said central ridge and opening at the first mentioned face of the plate and the other of which being arranged in and intermediate the ends of said central ridge.

2,065,247
PIPE THREAD LUBRICANT
Herschel G. Smith, Swarthmore, Pa., assignor, by mesne assignments, to Gulf Oil Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application March 14, 1934, Serial No. 715,551
15 Claims. (Cl. 87—9)

1. As an improved lubricating grease, suitable for lubricating threaded pipe joints and the like and for making tight, non-freezing joints, a pipe thread lubricant comprising a major amount of a metal soap grease as the lubricating base and minor amounts of a lubricating metallic powder and a sulfur-containing ingredient imparting extreme pressure characteristics to said composition.

2,065,248
MANUFACTURE OF PIPE THREAD LUBRICANTS
Herschel G. Smith, Swarthmore, Pa., assignor to Gulf Oil Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application January 22, 1936, Serial No. 60,356
9 Claims. (Cl. 87—9)

1. As an improved lubricant, suitable for lubricating threaded pipe joints and the like and for making tight, non-freezing joints, a compounded uniform pipe thread lubricant comprising a major amount of a petroleum lubricating base, a minor amount of solid lubricant including a lubricating metallic powder and a minor amount of a sulfurized fatty esters, said sulfurized fatty ester being substantially neutral.

2,065,249
TREATING PETROLEUM DISTILLATES
John P. Smoots, Cleveland, Ohio, assignor to The Standard Oil Company, Cleveland, Ohio, a corporation of Ohio
No Drawing. Application August 23, 1929, Serial No. 387,932
11 Claims. (Cl. 44—9)

5. As a new product, a motor fuel of cracked petroleum distillate treated with pyrogallol in the presence of an agent favoring reaction thereby, such agent comprising aniline.

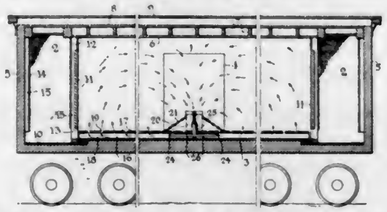
6. A process of inhibiting gum-formation in motor fuel, which comprises subjecting such motor fuel to the action of an organic base comprising a mono cyclic aromatic amine and another compound selected from the group consisting of alpha naphthol and pyrogallol.

2,065,250
SLIDER
Gideon Sundback, Meadville, Pa., assignor to Hookless Fastener Company, Meadville, Pa., a corporation of Pennsylvania
Application July 22, 1933, Serial No. 681,721
2 Claims. (Cl. 24—205)



1. A slider for separable interlocking fasteners of the class described, comprising a body of generally keystone-shape having a Y-shaped channel therein, the body having opposed wings and a neck connection at one end of the wings, said wings having side flanges extending toward each other which flanges bear against the ends of the fastener elements in closing the fastener, the slider body consisting of a relatively low wear resistant non-metallic material to match the material of non-metallic fastener elements, and substantially concealed metal plates anchored in place on the slider flanges so as to provide relatively high wear resistant inner surfaces on said flanges.

2,065,251
HEATING APPARATUS
Edward A. Sweeley and Ralph Killingstad, Alexandria, Va., assignors to Fruit Growers Express Company, a corporation of Delaware
Application November 15, 1935, Serial No. 50,052
17 Claims. (Cl. 237—28)



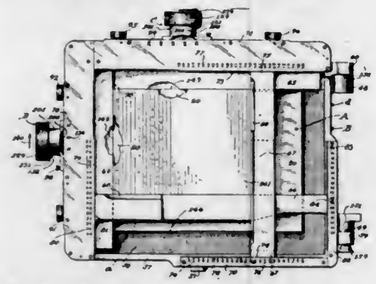
1. In combination with a merchandise chamber having means for distributing heated air therein adjacent to and along its floor to provide horizontal and upwardly flowing streams of warm air effective to maintain a protective temperature for the merchandise in said chamber, a portable, self-contained heater unit comprising mechanically operated means to draw air to be heated from said chamber into the unit from above and to expel the said air therefrom into said distributing means, means to heat the air during its passage through the unit, whereby air is drawn from the upper part of said chamber and distributed in heated condition adjacent the floor of said chamber, and means responsive to ambient temperatures of the chamber for controlling the operation of the heater unit.

2,065,252
LAMP OF THE LUMINOUS DISCHARGE TUBE TYPE
William B. Thrasher and James Daniels, San Antonio, Tex.
Application November 30, 1934, Serial No. 755,458
9 Claims. (Cl. 176—122)



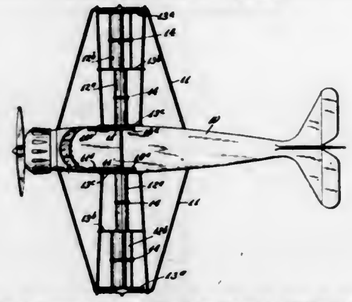
1. A glow tube having a gas inherently incapable of producing a white light, in combination with a carbon body disposed within the tube directly in the path of the electronic discharge of an electrode of the tube.

2,065,253
MAKE-UP GAUGE
Henry R. Trotter, Chicago, Ill., assignor to Hacker Manufacturing Co., Chicago, Ill., a corporation of Illinois
Application March 27, 1933, Serial No. 663,093
35 Claims. (Cl. 33—184.5)



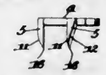
1. In a make-up gauge, a rigid frame, a base member, an adjustable form clamping frame for clamping a form disposed upon the base member within the rigid frame, said form clamping frame having two adjacent movable sides, devices mounted on adjacent sides of the rigid frame respectively operable to impart lock-up pressure to the movable sides in predetermined equal amounts, a plurality of headed members carried by each of said movable sides of the form clamping frame and extending loosely through openings in the corresponding side of the rigid frame, and a sleeve rotatably mounted on each member between its head and the outer edge of its related side of the rigid frame, said sleeves being adapted to frictionally engage the rigid frame and their related heads with the frictional engagement of each sleeve with the rigid frame and its related head equal to the frictional engagement of every other sleeve with its related head and the rigid frame, when said movable sides of the form carrying frame are clamped upon a form with said predetermined equal amount of pressure, and the form is justified to correct overall size and squareness.

2,065,254
ROTARY WING FOR AIRPLANES AND THE LIKE
Frederick Wander, Jr., Bronx, N. Y.
Application June 26, 1935, Serial No. 28,392
2 Claims. (Cl. 244—19)



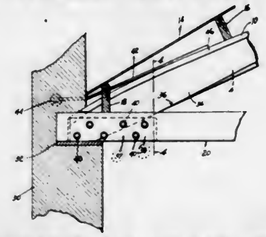
1. In a rotary wing for airplanes, ships and the like, a plurality of wing portions, transverse discs at the ends of said wing portions, each of said wing portions consisting of axial spiral sections, and means for rotarily adjusting said spiral sections, comprising apertures and grooves in said discs, end plates upon the spiral sections, dovetailed tongues on the end plates engaging said grooves, and bolts mounted on the end plates and through certain of said apertures for holding the end plates in selected fixed positions.

2,065,255
SHOE PLATE
Carl B. White, Miami, Fla.
Application August 11, 1934, Serial No. 739,475
3 Claims. (Cl. 36—74)



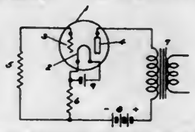
1. A shoe plate comprising a body portion and integral prongs extending at right angles thereto, each of said prongs having a needle-sharp point in the plane of one face of the prong, the opposite face of the prong being curved to intersect the point and the sides of the prong between the curved face and the first named face being bevelled, said bevelled portions intersecting along the curved face.

2,065,256
ARCH RIB ROOF TRUSS
Winfred E. Wilson, Los Angeles, Calif.
Application September 28, 1931, Serial No. 565,567
4 Claims. (Cl. 108—23)



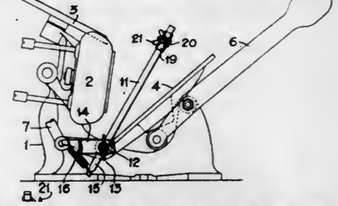
1. In an apparatus of the class described, an end construction for a truss structure including arch units and a cap member, said construction comprising end pieces, an angular member embracing said end pieces, said cap member, and said units, a pair of tie beams positioned externally of said angular member, and means extending through said tie beams, said angular member and said units for holding said units, said tie beams and said angular member in secured relation.

2,065,257
VACUUM TUBE AMPLIFIER CIRCUITS
Charles Frederick Woll, Philadelphia, Pa., assignor to Atwater Kent Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
Application April 11, 1934, Serial No. 720,064
6 Claims. (Cl. 179—171)



1. In an audio frequency amplifier, two vacuum tubes, each having an input circuit and an output circuit; the output circuit of the first of said tubes coupled to the input circuit of the second of said tubes; a resistance common to the input and output circuits of the last mentioned tube; two capacities in series shunting said resistance; and a connection from the junction of said capacities to an input circuit of the first mentioned tube.

2,065,258
HAND OR TREADLE OPERATED PRINTING PRESS
Donald Affleck Aspinall, Twickenham, England
Application March 16, 1936, Serial No. 69,206
In Great Britain February 22, 1935
7 Claims. (Cl. 101—408)

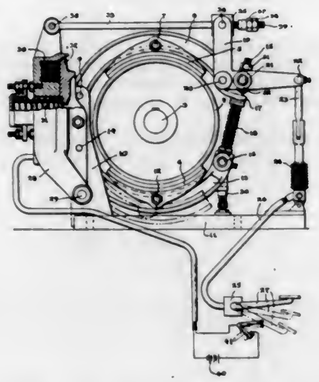


1. A sheet gripping device for printing presses comprising a journal member fixed coaxially on the platen axle, a side arm pivotally mounted to rock on the journal member and including an extension beyond its pivotal point, abutment means for the arm fixed on the journal member, a tension spring engaging the extension of said arm and having its opposite end connected to a portion of said fixed abutment means whereby the said spring normally urges said arm towards the platen and said abutment means, and a sheet gripping finger carried by the upper end of said arm.

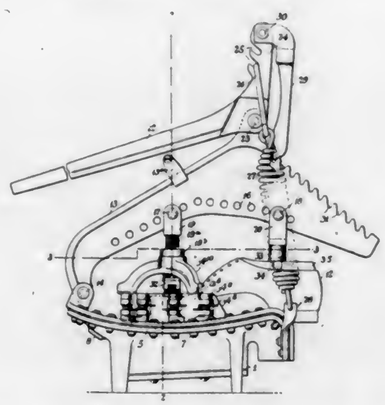
2,065,259
HYDRAULIC BRAKE
Harvey W. Ball, John Kloos, and Oscar S. Jeffries, Alliance, Ohio, assignors to The Morgan Engineering Company, Alliance, Ohio
Application February 13, 1935, Serial No. 6,356
8 Claims. (Cl. 188—151)

8. Braking mechanism comprising a drum, brake shoes cooperating therewith, means for

controlling the operation of said shoes and including an element adapted to be moved by the operator, a stationary pole, a member movable toward and away from said pole and operatively connected to the last-mentioned means, electromagnetic means cooperating with said first-mentioned means for holding said member in engagement with said pole, means for controlling the electro-magnetic means by said element, and means for moving said member away from said pole when the electro-magnetic means is de-energized.

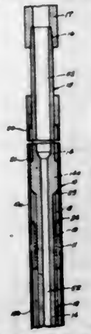


2,065,260
SHOE SOLE ATTACHING APPARATUS
George H. Barge, Jamaica, N. Y., assignor to Barge Electric Shoe Cement Press, Inc., a corporation of New York
Application August 8, 1934, Serial No. 738,911
22 Claims. (Cl. 12—33)



18. A shoe sole attaching press, comprising in combination a base, a pad carried by the base for supporting a lasted shoe, a member overlying the pad, a detached welt gripper adapted to be disposed around the welt of the shoe, and means carried by said member for free engagement with the welt gripper, whereby the press may be used with or without the welt gripper, as required for shoes of different styles.

2,065,261
JAR
James T. Barkelew, Pasadena, and Victor F. Ehrgott, Los Angeles, Calif., assignors to John Grant, Los Angeles, Calif.
Application January 14, 1935, Serial No. 1,626
21 Claims. (Cl. 255—27)



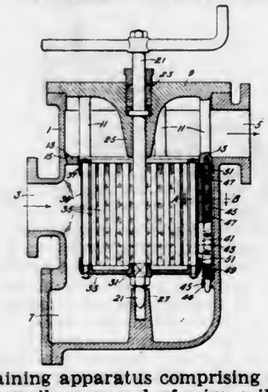
1. In a jar, a body and a relatively longitudinally movable mandrel, striking shoulders which are brought into engagement by relative longitudinal movement of the mandrel and body in one direction, a pair of interengaging members restraining the body and mandrel against relative movement in said direction, said members being releasable by relative rotation about the body axis to free the body and mandrel for relative movement in said direction, means rotatably connecting one of said members to the mandrel and holding the member against substantial bodily movement longitudinally of the mandrel, and a connection between the body and mandrel holding them against substantial relative rotation during said relative releasing movement of the members.

2,065,262
ROTARY JAR
James T. Barkelew, Pasadena, and Victor F. Ehrgott, Los Angeles, Calif., assignors to John Grant, Los Angeles, Calif.
Application January 14, 1935, Serial No. 1,627
4 Claims. (Cl. 255—27)



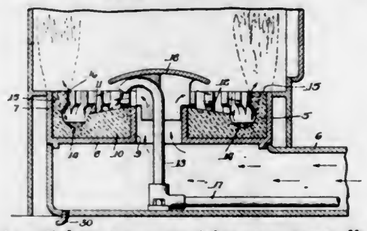
1. In a jar, a body and a relatively longitudinally movable mandrel, striking shoulders which are brought into engagement by relative longitudinal movement of the body and mandrel in one direction, a pair of interengaging members restraining the body and mandrel against relative movement in said direction, said members being releasable by relative rotation about the body axis to free the body and mandrel for relative movement in said direction, said members being releasable by relative rotation about the body axis to free the body and mandrel for relative movement in said direction, a connection between the body and mandrel holding them against substantial relative rotation during said relative releasing movement of the members, and a detent means imposing a predetermined resistance to releasing movement between said members.

2,065,263
FILTERING OR STRAINING APPARATUS
William Robert Beldam, Hounslow, England
Application March 16, 1933, Serial No. 661,147
In Great Britain March 22, 1932
16 Claims. (Cl. 210—167)



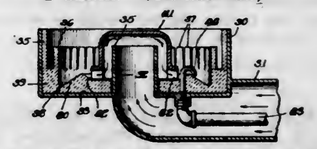
1. Straining apparatus comprising a support, a straining wall composed of wire coiled helically upon the support with a space between adjacent turns, bladed scraping means penetrating into the narrowest part of said space but not to the full depth of the wire, a mounting for said scraping means which permits of movement thereof axially of said straining wall, means for producing relative rotation between said scraping means and said straining wall whereby said scraping means is caused to move axially of said straining wall, cam means for removing said scraping means radially from engagement with said straining wall at a desired location, and return-spring means for first displacing said scraping means axially to its original location, and then radially into engagement with said straining wall.

2,065,264
BURNER
Oscar L. Bock, Madison, Wis.
Application November 2, 1932, Serial No. 640,845
3 Claims. (Cl. 158—91)



1. An oil burner comprising an upwardly extending receptacle open at the top, a hearth arranged in the receptacle, said hearth having an outwardly and downwardly sloping surface and an annular groove formed in a lower outer portion thereof and a wall above and outside of said groove, a fuel feed line arranged to convey fuel to said burner and to discharge fuel upon the sloping surface whereby oil gravitates to the groove, an air supply line leading to the interior of said receptacle substantially centrally thereof, and means cooperating with the air supply line and positioned to discharge air radially from said supply line above the surface of the fuel feed line and against said wall, whereby said air is divided into an upward and a downward stream.

2,065,265
OIL BURNER
Oscar L. Bock, Madison, Wis.
Application January 16, 1933, Serial No. 651,989
1 Claim. (Cl. 158—92)



A burner comprising a fire pot having a closed bottom, and an open top, forming a combustion chamber, an air receiving chamber therein comprising an air inlet conduit, a dome shaped member enclosing said air inlet conduit and forming a downwardly extending air passage therebetween, said member being provided with a plurality of radially extending ducts for conducting currents of air from the downwardly extending passage into the combustion zone, a fuel supply pipe extending into the combustion chamber and into the path of the incoming currents of air from the radial ducts, an annular groove formed in the bottom of the combustion chamber for receiving fuel from the fuel supply pipe, an outer wall, and an inner wall spaced from the outer wall, and surrounding said annular groove, said inner wall comprising a plurality of upwardly extending fingers.

2,065,266
METHOD OF PAINTING
Eleanor Baldwin Connelly, San Simeon, Calif.
Application May 5, 1936, Serial No. 78,041
2 Claims. (Cl. 41—26)

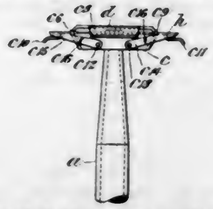


2. The method of painting which comprises developing a picture upon a suitable body in water colors, allowing the water color picture to dry, then crayoning the dry water color picture with wax crayons of colors matching the colors of the picture, and then rubbing the entire waxed picture with a suitable rubbing body to effect a polishing and blending of the colored waxes.

2,065,267
SAFETY RAZOR
Joshua Crane, Boston, Mass.
Application February 23, 1935, Serial No. 7,886
In Great Britain April 16, 1934
10 Claims. (Cl. 30—37)

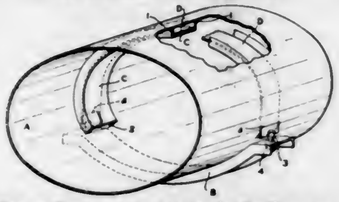
1. In a safety razor of the class described, the combination of a handle, a blade holder connected

thereto including means for holding the blade in shaving or sharpening position, a honing unit swingably mounted on said holder and having



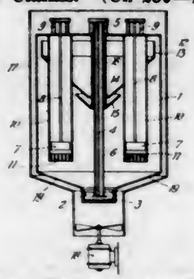
honing surfaces arranged for coaction with the opposite faces of the blade, and means for reciprocating the blade during either shaving operation or sharpening of the blade.

2,065,268
TRUCK TANK MOUNTING MEANS
Horace A. Crary, Warren, Pa., assignor to Pennsylvania Furnace & Iron Company, Warren, Pa., a corporation of Pennsylvania
Application April 16, 1936, Serial No. 74,810
13 Claims. (Cl. 280—5)



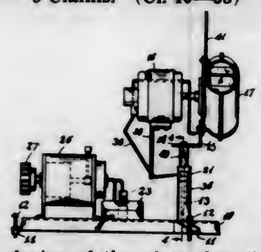
1. Means for securing a tank shell upon a supporting base, comprising means arranged to define an arched way leading within the shell between end openings at the sides of the shell, without communication with the load-containing cavity of the shell, said base having parts adjacent said openings, and a tension member having end connections with said base parts and extending therebetween along said way.

2,065,269
DISCHARGE APPARATUS CONTAINING GAS OR VAPOR
Walter Dällenbach, Berlin-Charlottenburg, Germany
Application October 22, 1935, Serial No. 46,219
In Germany October 23, 1934
15 Claims. (Cl. 250—27.5)



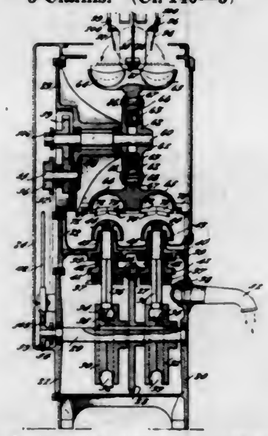
1. A vacuum discharge vessel comprising a metallic vessel, a plurality of anodes, protective sleeves for said anodes, and a mercury cathode, said vacuum vessel having introduced thereinto a quantity of rare gas of an order of magnitude corresponding to a pressure of .01–.20 part of a millimeter of mercury, said rare gas when the vessel is cold filling up the entire vessel and at least the discharge gap and the space in the vicinity of the anodes, and means for displacing said rare gas from the discharge gap and the space in the vicinity of the anodes upon increased heating of the vessel.

2,065,270
REVOLVING BLOWER AND SIGN CARD
Michael De Misa, Brooklyn, N. Y.
Application April 14, 1936, Serial No. 74,279
9 Claims. (Cl. 40—33)



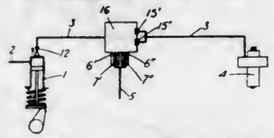
1. In a device of the class described, a base, a vertical post projecting from said base, a bracket rotative on said base and having an offset vertical portion, a motor mounted on one side of said vertical portion and connected with a blower mounted upon the other side, said blower having a discharge adapted to cause rotation of the bracket, cooperative means upon said motor and blower to transfer rotation from the motor to the blower, and an electric circuit for operating the motor including a rotative ring and insulated from the post for supplying the current to the motor during the rotation of said bracket.

2,065,271
FRUIT JUICE EXTRACTOR
Norval M. Faulds, Clearwater, Fla.
Application December 1, 1933, Serial No. 700,559
3 Claims. (Cl. 146—3)



1. In a fruit juice extractor, reamer shafts, reamers thereon, means for rotating the shafts, cams having peripheral grooves into which the shafts project, an anti-friction element on each shaft within a groove, power transmitting means for rotating the shafts and the cams, reamers on the shafts, a frame positioned above the reamers, shutters slidably supported in the frame, said shutters being arranged in pairs, the shutters of each pair having oppositely curved inner edges forming a clearance for the reamer therebelow as is rises, and means for delivering fruit to the shutters and holding it while the reamers are elevated.

2,065,272
METHOD OF AND MEANS FOR REGULATING THE FUEL FEED OF INTERNAL COMBUSTION ENGINES
Paul Filehr, Kassel-K, Germany
Application December 15, 1933, Serial No. 702,589
In Germany December 17, 1932
6 Claims. (Cl. 123—139)



1. The method of controlling the delivery from a reciprocating fuel pump through a feed line to an internal combustion engine at full-load operation over a wide range of speeds, comprising operating the pump cyclically with a constant stroke, and bypassing a portion of the fuel from the feed line proportional to the decrease in the air volumetric efficiency of the engine at the higher speeds to compensate for the decrease in the air charge and thereby maintain the fuel-air ratio constant over the entire range of speeds.

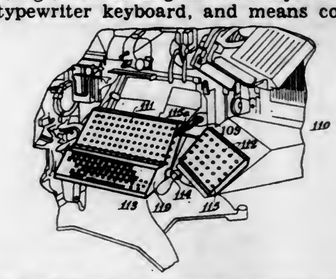
2,065,273
RECOIL-ABSORBING DEVICE FOR FIREARMS
Norbert Galliot, Vaucresson, France
Application November 22, 1934, Serial No. 754,322
In France December 5, 1933
8 Claims. (Cl. 89—14)



1. A recoil absorbing device for firearms, comprising in combination a number of convergent-divergent nozzles, fixed to the end portion of the barrel of the gun, along the axis of the latter and adapted to increase the kinetic energy of the gases, a fixed blade system, generated by the revolution of arcs around the axis of the gun and adapted to deflect and reject the gases to the exterior, together with a number of thin and radially short internal helicoidal partitions, provided upon the internal surface of said nozzles and spaced from the axis of the gun by a distance such that the projectile can never come in contact with said partitions.

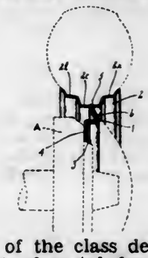
2,065,274
KEYBOARD UNIT FOR LINE CASTING MACHINES
Andrew Good, Glendora, Calif., assignor, by mesne assignments, to Mergenthaler Linotype Company, a corporation of New York
Application September 24, 1934, Serial No. 745,177
18 Claims. (Cl. 199—18)

1. In a device for operating a slug-composing typesetting machine, provided with a main matrix magazine and an auxiliary matrix magazine, said device having a plurality of keys arranged according to the arrangement of keys in a standard typewriter keyboard, and means controlled



by said keys for selectively releasing matrices from either of said magazines.

2,065,275
METAL WHEEL AND METHOD OF MAKING THE SAME
Donald M. Hester, Lakewood, Ohio
Application August 12, 1935, Serial No. 35,756
6 Claims. (Cl. 29—159.01)



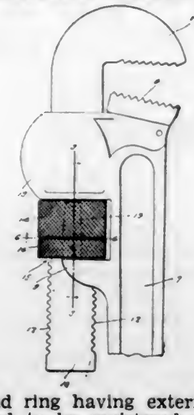
1. A wheel of the class described, comprising a single sheet of metal formed to provide an annular disc part having two thicknesses of said sheet interconnected by a bend at the inner edge of the annulus, and a rim part about said disc part and comprising two members, each integral with and a continuation of one of the sheet members of said disc part, all of said members being welded together opposite said bend.

2. The method of forming a wheel from a strip of sheet metal stock comprising welding together the ends of said strip to provide a circular band, working the metal intermediate the edges of said band radially inwardly relative to the metal at said edges, and closing together longitudinally the radially innermost portions of the resulting annulus to provide a wheel disc part of two thicknesses of said metal sheet, with a rim part thereabout.

2,065,276
QUICK ADJUSTABLE WRENCH
Walter Jeffres, Midwest, Wyo.
Application September 10, 1935, Serial No. 39,971
1 Claim. (Cl. 81—160)

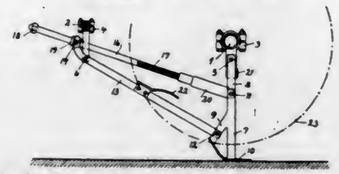
In a wrench and in combination, a handle having a fixed jaw and spaced guides, a jaw opposed to the first-named jaw and having a shank threaded at opposite edges and plain at its sides and slidable and held against turning in said guides, an interiorly threaded feed nut turnable about said shank and positioned between and engaging one of said guides, said feed nut having opposite recesses in its thread to permit of the shank being moved rectilinearly through it, a ring surrounding the shank and interposed between the nut and the other of said guides and having interior blocks opposed to the sides of the shank, pins securing said blocks to the ring, and spring fingers interposed between the ring

and blocks and penetrated and held by the pins and extending from the ring into the nut to rest at the inner side of the thread of the nut;



said nut and ring having exterior longitudinal lines adapted to be registered to indicate the relative position of the threads on the interior of the nut.

2,065,277
LIFTING JACK
Niels Gade Jensen, Viborg, Denmark
Application February 25, 1935, Serial No. 7,952
In Denmark January 16, 1935
7 Claims. (Cl. 254—86)



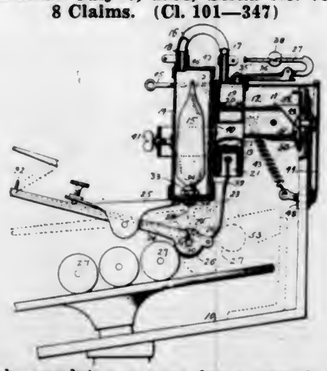
1. A jack especially for motor cars of the type permanently mounted on the chassis of the vehicle and adapted to be actuated by hand to lift at least a part of the vehicle, comprising in combination a jack body, a foot on said body, two intermediate members of different lengths pivotally connected at one end to said jack body, the short member to the upper end and the long member near the lower end of the same, means for pivoting the members to the vehicle, and a spindle pivotally connected to the upper end of said jack body and rotatably mounted in the longer of said intermediate members, said spindle adapted to be rotated to displace the upper end of said jack body to swing the same relatively to said long member to lower and raise said foot.

2,065,278
APPARATUS FOR LIGHTING CIGARETTES OR CIGARS
Jean Albert Jorrand, Aubusson, France
Application March 20, 1935, Serial No. 12,096
In France March 27, 1934
2 Claims. (Cl. 219—32)



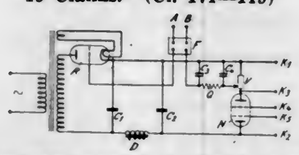
1. A lighter for cigars and cigarettes comprising a substantially vertical tube open at both ends and having its inner walls formed with longitudinal grooves, and a heating element freely suspended across said tube.

2,065,279
INK FEEDER FOR PRINTING PRESSES, ETC.
William Kline, Roanoke, Va.
Application July 7, 1934, Serial No. 734,162
8 Claims. (Cl. 101—347)



1. Ink supplying means for a printing press having inking means comprising an ink holder with a discharge outlet to the press-inking means, and means to subject ink in the holder to air pressure to expel ink from said discharge outlet including an air pressure producing device with a movable air pressure producing member and an operative connection between said member and a moving member of the press.

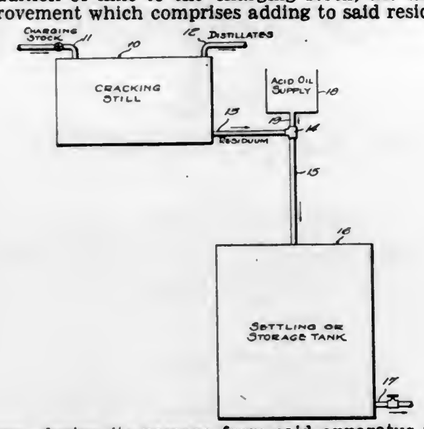
2,065,280
ARRANGEMENT FOR DERIVING CURRENTS
Ladislaus Körös, Berlin-Mariendorf, and Karl Hallen, Berlin-Tempelhof, Germany
Application May 10, 1934, Serial No. 725,016
In Germany May 13, 1933
19 Claims. (Cl. 171—119)



1. A voltage regulating device including a source of current having a pair of terminals, a tube including electrodes and a grid, a conductive connection between one of said terminals and one of said electrodes, a connection leading from the other electrode, out-put means for the device connected at one side to the last mentioned connection, a connection leading from the remaining terminal of the source of current, control means for said grid bridged between the last two connections, and a conductive connection between said grid and the controlling means, said controlling means including a discharge gap and a resistor in series with the discharge gap and a contact movable over said resistor and forming a terminal for the last mentioned connection.

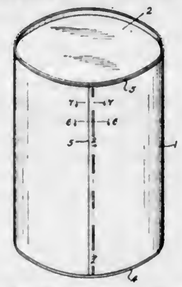
2,065,281
PROCESS OF IMPROVING MINERAL OILS CONTAINING LIME
Albert J. Kraemer, Washington, D. C.
Application May 4, 1935, Serial No. 19,905
1 Claim. (Cl. 196—40)

In the refining of petroleum wherein a charging stock to which lime has been added is treated in a distillation or cracking apparatus from which a residuum at elevated temperature is discharged to a settling or storage tank, said residuum containing calcium compounds resulting from said addition of lime to the charging stock, the improvement which comprises adding to said resid-



uum, during its passage from said apparatus to said tank, acid oil separated from acid sludge in substantially the amount required for reaction with said calcium compounds to render the calcium compounds inert and to increase their specific gravity to expedite their settling out of the residuum.

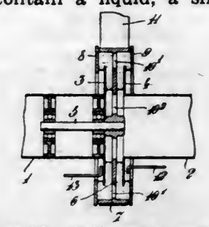
2,065,282
CONTAINER SEAM
Frank Krueger, Brooklyn, N. Y., assignor of one-third to Howard U. Herrick, Claverack, N. Y., and one-third to H. H. Pinney, Shaker Heights, Ohio
Application May 6, 1936, Serial No. 78,271
3 Claims. (Cl. 220—75)



1. In a container seam, the combination of overlapping wall portions, each having an end edge, one of said edges having a reverse bend, a series of tongues in one of said overlapping wall portions interlocking with the said reverse bend, said tongues having their base ends positioned inwardly from said end edge, and having their free ends directed away from said end edge.

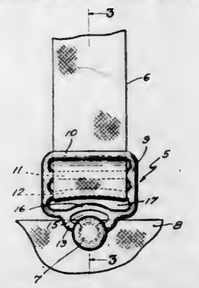
2,065,283
LIQUID PACKING
Harry Ferdinand Leissner, Sodertalje, Sweden
Application March 18, 1936, Serial No. 69,580
In Sweden March 23, 1935
5 Claims. (Cl. 285—109)

1. In a liquid packing the combination with a stationary part and a rotatable part of a hollow body, of flanges on adjacent ends of said parts situated at a distance from each other, an annular vessel surrounding said flanges, said vessel being open at its inner periphery and adapted to contain a liquid, a shaft rotatably



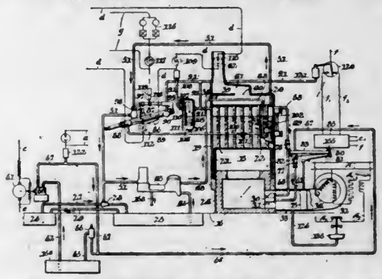
mounted in said stationary part, connecting means extending between said flanges to support said vessel by said shaft, and means for rotating said vessel to cause the liquid to apply itself as an annular layer to the inner surface of the vessel by centrifugal force.

2,065,284
BUCKLE
Charles A. Mosgrove, Waterbury, Conn., assignor to The Autoyre Company, Watertown, Conn., a corporation of Connecticut
Application November 6, 1935, Serial No. 48,460
3 Claims. (Cl. 24—73)



2. A buckle comprising a one piece sheet metal flanged frame having a plurality of spaced cross bars, the lower bar of the frame being substantially flat with a rearwardly extending flange about the outer edge thereof, the said flat portion of the bar being provided with a button slot having a narrow upright portion and a wider upper portion for passage of a button.

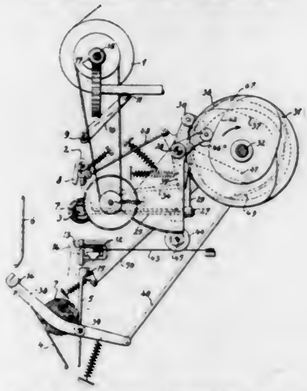
2,065,285
SUPPLY AND CONTROL SYSTEM FOR BOILERS AND THEIR FURNACES
Robert N. Miller, Altoona, Pa.
Application July 25, 1933, Serial No. 682,079
16 Claims. (Cl. 122—448)



1. The combination with a boiler of a safety device therefor responsive to the water level at

the center of said boiler, and thus unaffected by variation in slope of the free surface of the liquid in the boiler.

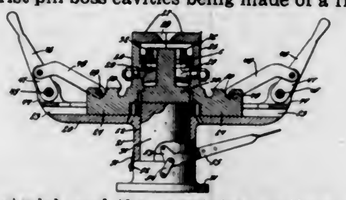
2,065,286
RIBBON LOOM
Walter Nicolet, Leipzig, Germany
Application January 12, 1934, Serial No. 706,389
In Germany January 15, 1933
13 Claims. (Cl. 139—291)



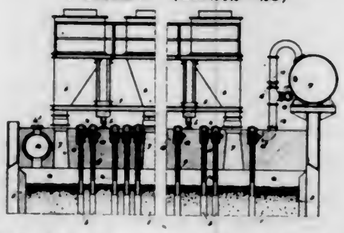
1. In a ribbon loom provided with a sand roller shaft, a web winding and a web cutting device and means for operating said devices in timed relation to one another, said means comprising an eccentric shaft, a plurality of eccentric discs carried by said shaft, a rope pulley loosely carried by said shaft and driven at reduced speed from the main drive of the machine, clutch members adapted to couple said pulley with said eccentric shaft, a measuring disc having a clearance in its circumference, said disc measuring the length of web to be cut by said cutting device, a worm gear for rotating said disc from the sand roller shaft, an oscillating lever, rods connecting said oscillating lever with said pulley, a two-armed lever rotatably disposed at the end of said oscillating lever, one arm of said two-armed lever sliding on the circumference of said measuring disc provided with a clearance and dropping into said clearance at a predetermined time to displace the two-armed lever during further rotation of said measuring disc, a spring controlling said oscillating lever, said oscillating lever being deflected against the action of said spring by said two-armed lever and displacing by said rods said pulley to bring said clutch members into engagement, said shaft carrying said pulley being driven by said pulley, a finger disposed on said eccentric shaft and engaging the free end of said two-armed lever after one rotation of said eccentric shaft to lift the other end out of the clearance of said measuring disc, said rods being then drawn back into initial position by said spring to uncouple said pulley and eccentric shaft.

2,065,287
PISTON MOLDING APPARATUS
Frank N. Nutt, Flint, Mich., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application March 27, 1929, Serial No. 350,296
29 Claims. (Cl. 22—126)

8. In apparatus for use in molding pistons, a mold body, and a core in which there are provided wrist pin boss cavities—portions of the core above the wrist pin boss cavities being made of a frangible material, and the remaining portions of the core being made of an infrangible material.

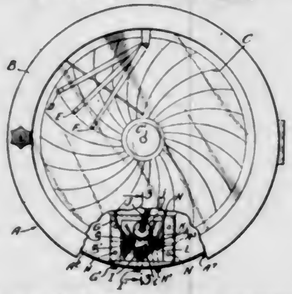


2,065,288
PROCESS OF COKING COAL
Carl Otto, Essen-Ruhr, Germany
Application July 1, 1931, Serial No. 548,201
In Germany July 1, 1930
7 Claims. (Cl. 202—23)



1. The batch process of coking coal in a coking chamber provided with heating walls which comprises charging the chamber with coal, providing passages in said charge leading to the interior thereof, externally heating the charge thereby carbonizing the coal, drawing off distillation gases by suction from the interior of the charge thru said passages during the first coking period, and introducing scavenging gas into said chamber during the first coking period, the temperature of said gases being more than 500° centigrade.

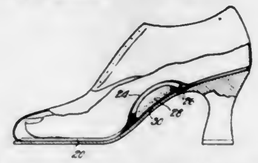
2,065,289
INSTRUMENT CASING
Walter H. Pearce, Philadelphia, Pa., assignor to The Brown Instrument Company, Philadelphia, Pa., a corporation of Pennsylvania
Application November 23, 1933, Serial No. 699,370
9 Claims. (Cl. 73—151)



7. The combination with an instrument casing having a wall opening, of closure means for said opening, comprising complementary members, one member being provided with a base outline for inter-engagement with complementary members of different design but having a portion

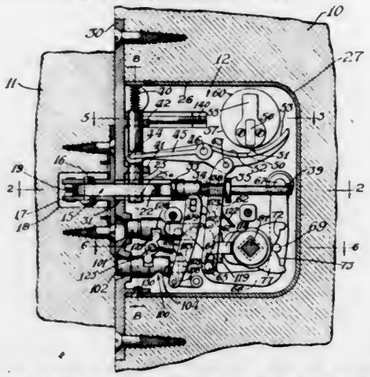
configured for registration with said base outline, whereby the aperture pattern of the closure means may be varied by selection of a particular complementary member to thereby provide one or more apertures for the passage of an instrument connection or to provide a complete closure for said wall opening, and a complementary member cooperatively associated with said one member.

2,065,290
ARCH SUPPORTER
Joseph Ruig Rigandi, Staten Island, N. Y.
Application May 25, 1935, Serial No. 23,363
2 Claims. (Cl. 36—71)



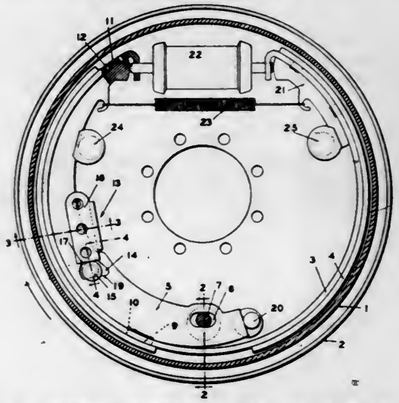
1. An arch support for shoes comprising an insole member adapted to be positioned in a shoe, said insole member being shaped to conform to the shank portion of the shoe, an arched member secured to the under face of said insole member and conforming in shape to the inner longitudinal arch of a human foot, said arched member having one of its side edges extended beyond the adjacent side edge of the insole member, an arch supporting pad cemented to the under face of said arched member, the outer edge of said arch supporting pad extending beyond the adjacent edge of the insole and terminating short of the outer edge of the arched member, and a relatively thin flexible member cemented to the arch supporting pad and to the arched member.

2,065,291
LOCK
Oscar Ritterbusch, Chicago, Ill.
Application September 24, 1934, Serial No. 745,261
4 Claims. (Cl. 70—14)



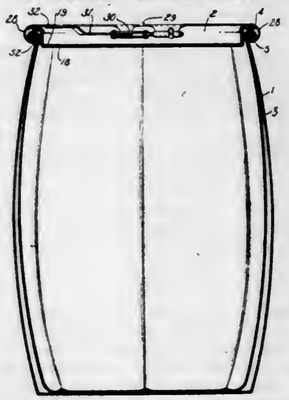
1. A door lock adapted to engage a keeper movably mounted in a door frame, comprising: a lock housing mounted in a door, a wedge member movably mounted in the housing and engageable with said keeper to latch the door by a wedging action, a lever for displacing said wedge member, a cylinder lock for actuating said lever independently, a spindle provided with cams, a crank adapted to be operated by said cams, a link operatively connecting said crank and lever, a night latch mechanism adapted to lock said spindle, and means on said link for preventing release of said night latch mechanism when the keeper is engaged by the wedge member.

2,065,292
BRAKING APPARATUS
Steve Schnell, Overland, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a corporation of Delaware
Application November 17, 1933, Serial No. 698,406
20 Claims. (Cl. 188—78)



1. In braking apparatus, the combination of a brake drum, a substantially 360 degree brake band for cooperation with the drum, a support, a pressure modifying element secured to the band, one end of said element being free from the band and said free end being mounted on the support by means permitting circumferential movement of the free end of the element and the band but maintaining said free end at a fixed distance from the drum, and anchoring means for the band.

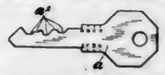
2,065,293
LINED DRUM
Tracy Scudder, Ridgewood, N. J.
Application September 18, 1935, Serial No. 41,028
3 Claims. (Cl. 220—63)



1. The combination of a drum element provided with a recess at its external surface and

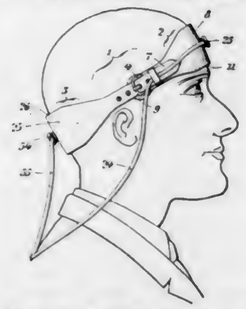
encircling the element adjacent its periphery, and a liner for the element having an end portion turned over an outwardly facing surface of the element and an elastic peripheral portion seated in said recess to hold the liner in place.

2,065,294
KEY BLANK
Reuben Simon, Detroit, Mich.
Application December 4, 1934, Serial No. 755,882
2 Claims. (Cl. 76—110)



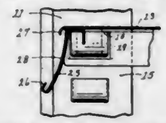
1. A key blank provided with indicia adjacent its edges to be followed in cutting shoulders to determine the key penetration in a particular lock.

2,065,295
THERAPEUTIC APPLIANCE
Arthur G. Sullivan, Philadelphia, Pa.
Application May 16, 1935, Serial No. 21,707
13 Claims. (Cl. 128—416)



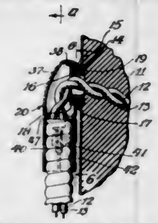
1. A therapeutic appliance comprising a flexible, adjustable band adapted to be secured about the portion of the body which is to be treated; a number of compressible, resilient pads secured to said band in spaced relation; plate electrodes of thin flat springy sheet metal forming the contact faces of said pads and capable, under the pressure of the pads, of conforming to the parts to which they are applied; and flexible conductors to carry electric current to said electrodes.

2,065,296
SHEET METAL SHELVING
Peter M. Wege, East Grand Rapids, Mich., assignor to Metal Office Furniture Company, Grand Rapids, Mich., a corporation of Michigan
Application June 14, 1934, Serial No. 730,613
3 Claims. (Cl. 40—16)



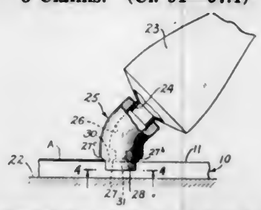
1. A sheet metal shelf comprising a top sheet having its front edge bent downwardly to form a lip on the under side, an inverted reinforcing U-shaped member secured to the under side of the sheet and spaced slightly rearwardly of the lip, the forward web of said member being elongated downwardly and having its bottom edge bent forwardly and upwardly forming a lip opposing the sheet lip, the two opposed lips forming a channel therebetween to provide for retaining shelf labels.

2,065,297
FLEXIBLE CONDUIT CONNECTER
Benton T. Wiechers, Racine, Wis., assignor to Webster Electric Company, Racine, Wis., a corporation of Wisconsin
Application July 22, 1935, Serial No. 32,569
2 Claims. (Cl. 247—25)



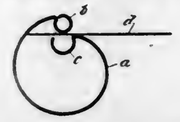
1. In a flexible conduit elbow, the combination of a tubular member provided with a peripherally extending groove forming a retaining shoulder, a clamping member comprising a plate formed with a curved flange for engaging in one side of said groove, a substantially hemi-cylindrical clamping member formed with inwardly extending flanges at one end for engaging in said groove, said hemi-cylindrical clamping member having a slot for receiving a flange carried by said clamping member, and single threaded means for drawing said two clamping members together.

2,065,298
APPARATUS FOR APPLYING CONDUITS
Charles W. Abbott, Larchmont, N. Y., assignor to The Bryant Electric Company, Bridgeport, Conn., a corporation of Connecticut
Application May 7, 1934, Serial No. 724,370
8 Claims. (Cl. 91—67.4)



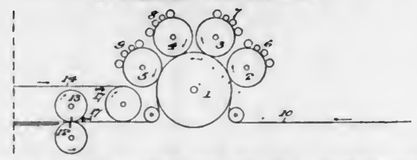
1. In a device for applying a band of adhesive to the supporting face of a conduit, in combination, means adapted to be grasped in the hand and having an adhesive reservoir with means responsive to the pressure of grasping for causing flow of adhesive out of said reservoir, said first-mentioned means having a substantially flat face for engagement with the face of the conduit as the device is drawn along the latter, there being laterally displaced guiding means for engaging the sides of the conduit and guiding said flat face along the latter, said flat face being provided with an orifice of less width than the width of the conduit and in communication with the adhesive flowing out of said reservoir, said flat face having therein a channel extending from the trailing edge of the flat face to said orifice, said channel having dimensions substantially equal to the dimensions of the band of adhesive desired to be laid down on the conduit.

2,065,299
RIBBON SPOOL
Rawson Atwood, Brooklyn, N. Y., assignor to Decorated Metal Manufacturing Company, Brooklyn, N. Y., a corporation of New York
Application August 22, 1935, Serial No. 37,295
2 Claims. (Cl. 242—74)



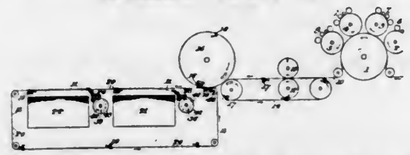
2. A ribbon spool of resilient material having a longitudinal slit for receiving the ribbon end and at opposite edges of said slit having coacting means adapted on the application of pressure of one towards and into engagement with the other to interlock and clamp the ribbon end to the cylinder, said interlocking means comprising a projection on one edge and a socket on the other for receiving it.

2,065,300
DELIVERY MECHANISM FOR PRINTING PRESSES
Howard M. Barber, Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I., a corporation of Delaware
Application November 14, 1935, Serial No. 49,684
14 Claims. (Cl. 271—79)



1. A sheet delivery for printing presses comprising inner and outer traveling endless carriers, an interposed rotary carrier, and means for driving the inner endless carrier at approximately the surface speed of the press, and both the rotary carrier and the outer endless carrier at a higher surface speed.

2,065,301
DOUBLE PILE FLAT SHEET DELIVERY FOR ROTARY PRINTING PRESSES
Howard M. Barber, Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I., a corporation of Delaware
Application April 2, 1936, Serial No. 72,309
10 Claims. (Cl. 271—76)

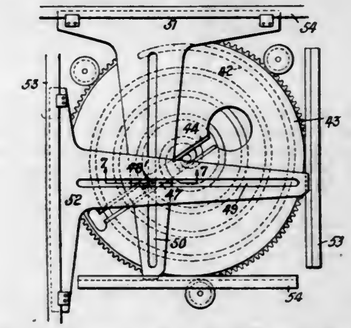


1. In a double pile flat sheet delivery for printing presses, an inner carrier traveling in an endless path, an outer delivery carrier also traveling in an endless path, an interposed rotary transfer carrier, means for driving the inner carrier at the surface speed of the press and the other carriers at a higher surface speed, inner and outer delivery piles, and means for taking the sheets from the outer delivery carrier and depositing them on to their respective piles.

2,065,302
METHOD FOR OBTAINING SLIGHTLY RELIEVED PHOTOGRAPHIC IMAGES
Carlo Bocca and Luigi Amati, Padova, Italy
No Drawing. Application March 21, 1935, Serial No. 12,260. In Italy April 14, 1934
4 Claims. (Cl. 95—5.6)

1. In a method for obtaining slightly relieved photographic images, which consists in preparing an aqueous solution of at least two gelatinous organic colloids which at temperatures lower than the temperature at which said solution is prepared have a different degree of solubility in water, spreading a layer of said solution upon a support and drying the same, sensitizing the layer upon said support by means of a bichromate compound, subsequently exposing the sensitized layer photographically to light, thereafter washing out the exposed layer with water in order to eliminate the unaffected colloids and then drying the washed layer, the feature, which consists in carrying out the step of washing out of the exposed layer at temperatures at which part of the colloids constituting said layer are substantially insoluble by virtue of having a different degree of solubility in water than the other colloid content of the layer in order to avoid eliminating the less soluble unaffected colloids in said layer.

2,065,303
APPARATUS FOR THE CONTROL OF GUNFIRE
Earl W. Chafee and Hugh Murtagh, Brooklyn, and Shierfield G. Myers, Freeport, N. Y., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York
Application January 28, 1933, Serial No. 654,090
27 Claims. (Cl. 235—61.5)

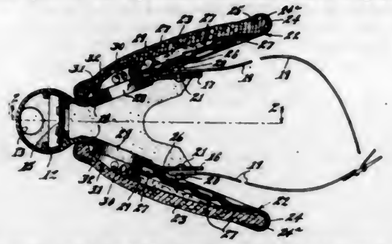


3. In a fire control director in which the director and battery may be spaced, mechanical means for resolving the target's position as observed from the director into rectilinear components, means for determining the rate of movement of the target along each component, means for combining each rate with time of flight of the shell to locate the predicted position by its components, and means for setting into said last-named means the component distances of the battery from the director.

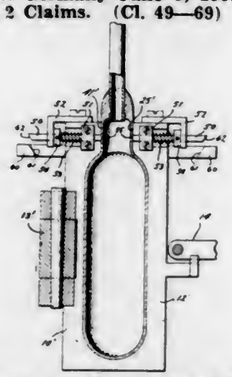
2,065,304
RESPIRATOR
Harvey S. Cover, South Bend, Ind.
Application January 9, 1936, Serial No. 58,253
10 Claims. (Cl. 128—146)

1. In a respirator, a body portion having an exhaust valve and an intake port, said intake

port having filter means comprising a corrugated plate, an aperture in said plate registering with said intake port, and a filter pad secured to said plate over said aperture.



2,065,305
METHOD OF MOLDING AN ARTICLE AND APPARATUS THEREFOR
Jakob Dichter, Berlin-Schoneberg, Germany
Application October 9, 1934, Serial No. 747,595
In Germany June 3, 1933
2 Claims. (Cl. 49—69)

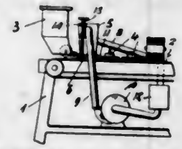


1. In a device of the character described, a stationary mold having a cavity for receiving the body of a bottle being blown, and means including pins movable radially of the neck of the bottle being blown for forming indentations in the neck of the bottle, the inner ends of said pins conforming to the contour of and being normally flush with the mold wall whereby the bottle being blown may be rotated relative to the mold.

2. The method of molding an article having a portion circular in cross section and a second portion formed with indentations, which consists in enclosing the article in a mold having pins mounted in a wall thereof for movement radially of the mold, effecting relative rotation between the article being molded and the mold, and after a predetermined rotation of the article being molded effecting a movement of the pins radially inwardly of the mold.

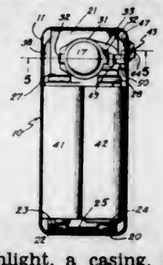
2,065,306
BRONZING MACHINE
Horst Friess, Leipzig, Germany
Application February 27, 1934, Serial No. 713,079
In Germany December 5, 1933
6 Claims. (Cl. 91—59)

1. In a bronzing machine the sub-combination of: means conveying the sheets through the machine; a device for rubbing in the bronze powder; and means arranged anterior to the rubbing in device for whirling up by means of air moved against the sheets the excess of bronze powder lying loosely upon the sheets and for removing the bronze powder by suction, said means for whirling up the bronze powder and removing same by suction comprising a number of pressure nozzles and a number of suction nozzles, arranged



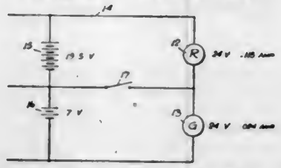
immediately above the conveying band, the suction nozzles and the pressure nozzles being arranged side by side in a row transversely to the direction of feed of the sheet, in such manner that the suction nozzles alternate with the pressure nozzles, substantially as described.

2,065,307
ELECTRIC FLASHLIGHT
Giles C. Fullmer, Bridgeport, Conn., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn., a corporation of Connecticut
Application February 7, 1935, Serial No. 5,350
8 Claims. (Cl. 240—10.65)



1. In a flashlight, a casing, a socket in the casing, pairs of clips in the casing, a pair of batteries in side-by-side relation and each conductively engaging a pair of said clips, an extension from a clip of one of said pairs of clips to the inner end of the socket and engaged by the center contact of a lamp in the socket, a switch including a portion constantly electrically connected with said socket, and said switch including a portion shiftable into and out of engagement with a clip of the other of said pairs of clips whereby to connect the lamp, clips and batteries in a circuit independent of the casing.

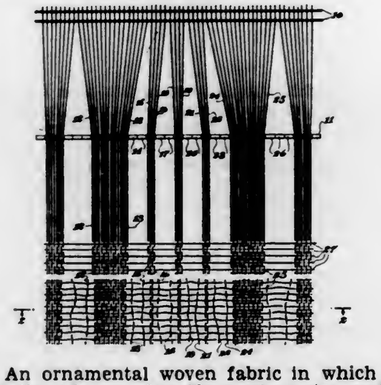
2,065,308
SIGNALING SYSTEM
Paul W. Geyer, New York, N. Y.
Application August 10, 1934, Serial No. 739,287
3 Claims. (Cl. 177—329)



1. In a signaling system, a plurality of sources of electrical current supply arranged in series, a plurality of spaced signaling means arranged in series with each other and said sources of supply,

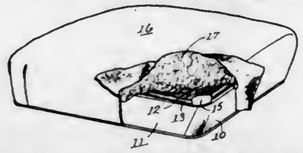
a switch connected at one of its ends at a point between said spaced signaling means and at its other end at a point between said sources of current supply, the voltage of said different sources and the current consumption of said signaling means being so balanced that, with said switch in open condition, current will flow from both said sources and through said signaling means to operate one of the same, the other signaling means remaining substantially inoperative, said switch, when causing current to flow from each said source to each of said signaling means, whereby the previously operated signaling means will become substantially inoperative and the said other signaling means will be rendered operative.

2,065,309
ORNAMENTAL WOVEN FABRIC
Lewis Hamer, Rutherford, N. J., assignor, by mesne assignments, to Sidney H. Scheuer
Application November 5, 1935, Serial No. 48,263
3 Claims. (Cl. 139—417)



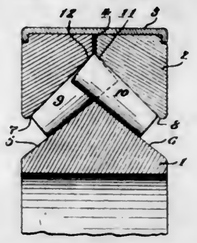
1. An ornamental woven fabric in which the warp threads are of uniform character and of equal original lenths, said fabric having predetermined areas of closely woved texture in which said threads are compacted to restrict their sinuosity to planes transverse to the fabric, the warp threads in the intermediate areas being sparsely arranged and having a sinuosity in the plane of the fabric; and said warp threads being composed of swellable yarn, those in said intermediate areas being swollen so as to produce a puckered effect.

2,065,310
SEAT CONSTRUCTION
George H. Hamilton, Grand Rapids, Mich., assignor to American Seating Company, Grand Rapids, Mich., a corporation of New Jersey
Application January 27, 1936, Serial No. 60,976
5 Claims. (Cl. 155—184)



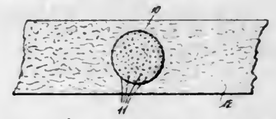
5. A seat construction comprising a rectangular frame formed from two pairs of elongated members, the opposite ends of each member of one pair being secured to the ends of the members of the other pair of elongated members, a web spread across the open space defined by the frame whose four borders are each wrapped over a cord disposed adjacent the four upper edges of the frame and to which the four borders of the web are secured, a plate secured to each of the two front corners of the rectangular frame, each plate having a portion disposed over the covered cord, and a seat cover disposed over the web and over the outer sides of the rectangular frame to whose inner sides the four borders of the seat cover are secured to form an upholstered seat.

2,065,311
ROLLER BEARING
William E. Hoke, Baltimore, Md.
Application November 13, 1934, Serial No. 752,812
12 Claims. (Cl. 308—214)



1. A roller bearing comprising inner and outer relatively rotatable members each having two conical race ways therein, those on one member being opposed to those on the other member, conical rollers between said opposed race ways, the larger end of the rollers of each set extending axially beyond their respective inner race ways into the path of movement of the other set and the heads of each set of rollers contacting with the outer race way of the other set at two points equally and substantially removed from the outermost point of each roller.

2,065,312
ANTISKID DEVICE
Walter H. Jackson, Summit, N. J.
Application December 6, 1934, Serial No. 756,346
1 Claim. (Cl. 152—14)

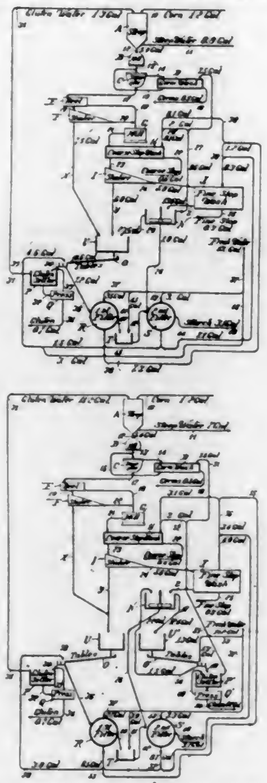


An anti-skid device comprising a flexible base carrying a plurality of contacting surfaces at least part of which comprise a plurality of small pieces of a hard material such as carborundum imbedded in an aluminum matrix.

2,065,313
STARCH MAKING SYSTEM
Frederick L. Jefferies, La Grange, Ill., assignor to International Patents Development Company, Wilmington, Del., a corporation of Delaware
Application April 26, 1933, Serial No. 668,097
16 Claims. (Cl. 127—69)

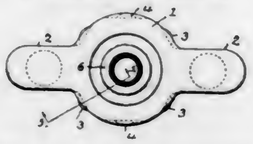
11. In the process of obtaining starch from corn comprising subjecting the corn in a comminuted state in water to germ, coarse slop and fine slop separation operations: the improvement which consists in treating a mill starch from the fine slop separation in a settling vessel to recover

some of the starch therefrom; tabling the rest of this mill starch; flushing the starch from the



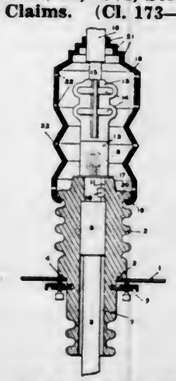
tables; and mixing the flushed starch with mill starch to be treated as aforesaid.

2,065,314
TRAFFIC LANE MARKER
Helen S. Johnson, Oak Park, Ill.
Application December 21, 1935, Serial No. 55,511
11 Claims. (Cl. 88—79)



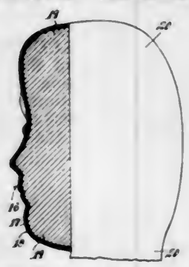
1. A traffic lane marker comprising a main body of an approximately circular shape, and a pair of integrally formed wings at opposite sides of the main body and extending longitudinally therefrom, said wings being of lesser width than the main body so that pockets are formed at the intersections of said wings with the main body, reflector units arranged in the wall of the main body in adjacent and oblique relation to the respective side faces of the aforesaid wings, the upper faces of the wings and main body having a convex formation terminating at the outer ends of the wings in a plane adjacent to the under face of the marker.

2,065,315
FLEXIBLE GUARD FOR BUSHING TERMINALS
Howard B. Keath, St. Louis, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a corporation of Delaware
Application June 28, 1934, Serial No. 732,769
4 Claims. (Cl. 173—28)



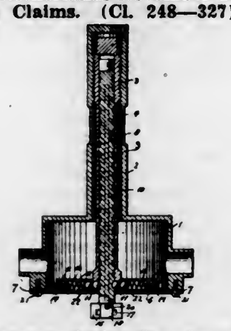
1. A flexible tubular insulating boot for totally enclosing and protecting the connection between an electrical conductor and the exterior terminal end of a transformer bushing on a transformer housing, said boot having a cylindrical intermediate portion, one end of the boot having an inwardly extending annular attaching flange and the other end which is adapted to surround and grip a conductor being formed with a plurality of stepped integral cylindrical portions the largest of which is adjacent the main body of the boot whereby the internal diameter of the opening in said last named end may be increased by severing one or more of said cylindrical portions from the boot, the largest of said stepped cylindrical portions being substantially of less diameter than the diameter of the boot and the over-all length of said stepped portions being a fraction of the length of the remainder of the boot.

2,065,316
PROCESS OF MAKING REPRODUCTIONS
Paul Kimsel, Chicago, Ill., assignor of one-half to Charles Winter, Chicago, Ill.
Application March 6, 1935, Serial No. 9,572
6 Claims. (Cl. 41—24)



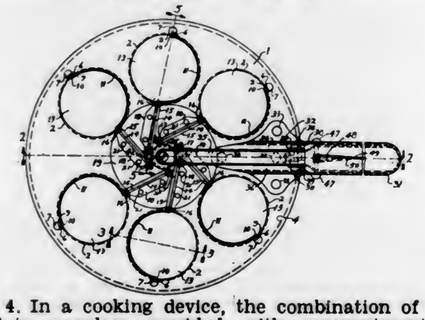
6. The process of making two dimensional photographs of subjects having common dominant feature characteristics and varying detail characteristics, three dimensional; which consists in forming dies which conform to the dominant characteristics only, uniting each photograph with a celluloid coating, softening the photographs and their coatings by heating and moisture, and pressing the photographs consecutively between the dies to emboss said photographs only along the dominant characteristics whereby the dominant characteristics stand out in relief on said photographs and are modified in appearance by the varying detail differences present in the photographic image only.

2,065,317
SUSPENSION DEVICE FOR ELECTRIC LIGHT FITTINGS
Carl August Rudolph Knötschke, Amsterdam, Netherlands
Application November 5, 1935, Serial No. 48,349
In the Netherlands November 16, 1934
6 Claims. (Cl. 248—327)



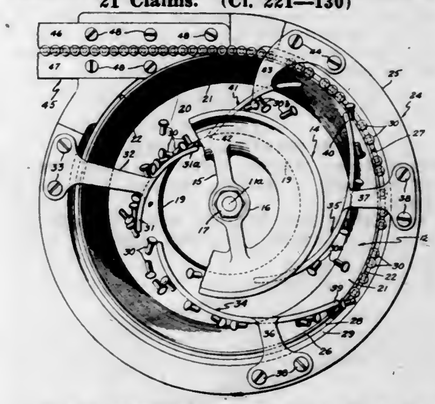
1. A suspension device for electric light fittings comprising in combination: a junction box adapted to be fixed in and substantially flush with the ceiling; a suspension rod within said junction box and projecting into the ceiling provided with means for attaching an electric light fitting to the rod; means in said junction box for guiding said suspension rod in the vertical direction; means for fixing the suspension rod in various adjusted vertical positions; auxiliary means for preventing rotation of said suspension rod in the junction box; auxiliary means for preventing the suspension rod from dropping out; and resilient adjustable means for operating said means for fixing the rod in adjusted vertical positions.

2,065,318
COOKING DEVICE
Richard B. Lawrence, Detroit, Mich.
Application September 3, 1935, Serial No. 38,911
16 Claims. (Cl. 53—6)



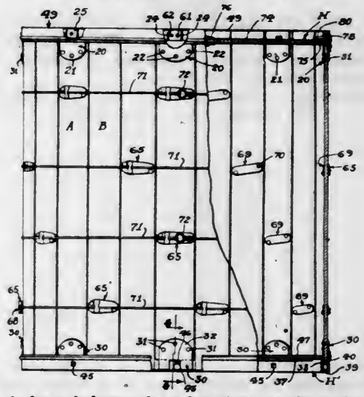
4. In a cooking device, the combination of a plate member provided with compartments, scraper members rotatably mounted and engaging surfaces of said compartments, a gear member on each of said scraper members, a plunger provided with teeth engaging said gear members, and means for actuating said plunger.

2,065,319
HOPPER FEED
Arthur J. Lewis, Stratford, Conn., assignor to The Baird Machine Company, Bridgeport, Conn., a corporation of Connecticut
Application June 1, 1935, Serial No. 24,546
21 Claims. (Cl. 221—130)



1. In a hopper feed, an upright shaft, an open ended hopper secured to the shaft, a plate secured to the shaft below the hopper and of greater diameter than the lower end thereof, an annular wall on the plate about the lower end of the hopper to hold back a mass of articles from moving out of the hopper onto the plate, means forming a raceway at the outer edge of the plate to hold the articles in a certain definite position, and a stationary means extending over the plate and positioned to take articles from such mass as the plate and hopper revolve with the shaft and feed such articles out over the plate to the raceway.

2,065,320
HOGSHEAD
William S. Luckett, New York, N. Y.
Application August 17, 1935, Serial No. 36,723
10 Claims. (Cl. 217—44)



1. A knockdown hogshead including top and bottom heads and a plurality of staves arranged in an annular group therebetween, at least one of said heads having an annular channel to receive the staves at one end thereof, cooperating elements on certain of said staves and in said channel engageable upon longitudinal and lateral

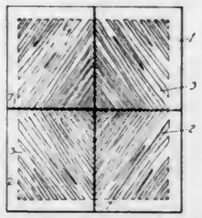
movements of said certain of the staves relative to said one head to detachably secure said certain of the staves to said one head at predetermined intervals, the other of said staves being disposed intermediate said certain staves and located in said channel at one end, means to bind the other ends of the staves, and means removably inserted through certain of the staves and engageable with the top of the other head to detachably secure the other head in place closing the other end of the hogshead.

2,065,321
GOLD WASHING APPARATUS
Robert Byron Morden, Jefferson, Iowa, assignor of one-half to R. Roy Morden, Des Moines, Iowa
Application May 29, 1933, Serial No. 673,482
1 Claim. (Cl. 209—452)



In a gold washing apparatus the combination of a rotatable cylinder means for supporting it in position with its longitudinal axis inclined from a horizontal plane, a spiral rib fixed to the interior of the cylinder at the lower portion and a spiral rib fixed to the interior of the cylinder at its upper portion the latter rib being of substantially the same diameter at its outer circumference as the first rib and having a pitch substantially less, relative to a line at right angles to the longitudinal axis of the cylinder, than the pitch of the first mentioned rib, and said upper rib being of substantially less width than the lower rib, whereby the spaces between two portions of the ribs at the bottom of the cylinder will all be of substantially the same width in a circumferential direction.

2,065,322
ART OF VENEERING SURFACES
Benjamin G. Robertson, Louisville, Ky., assignor to Reliance Varnish Company, Louisville, Ky., a corporation of Kentucky
Application June 9, 1934, Serial No. 729,894
12 Claims. (Cl. 101—127)



1. A method of decorating a surface to simulate thereon the appearance of a wood veneered surface having matched veneer panels, said method comprising arranging adjacent to and in alignment with the surface to be decorated a stencil section having cut outs which are arranged to form correspondingly matched patterns of the markings contained in the matched veneer panels to be imitated, and then spraying staining material through the cut outs of said stencil.

7. A stencil adapted for use in simulating on a surface to be decorated the appearance of a surface veneered with matched wood panels, comprising a stencil body having cut-outs arranged to form correspondingly matched patterns of the markings contained in the matched veneer panels to be imitated.

2,065,323
METHOD OF PRODUCING UNSATURATED HYDROCARBONS
Charles A. Thomas, Wayne, and John F. Olin, Newtown Square, Pa., assignors to The Sharples Solvents Corporation, Philadelphia, Pa., a corporation of Delaware
No Drawing. Application June 15, 1933, Serial No. 675,968
2 Claims. (Cl. 196—52)

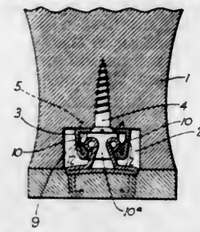
1. The method of producing unsaturated aliphatic hydrocarbon material containing twelve or more carbon atoms and separating said unsaturated aliphatic hydrocarbon material from by-products produced in the manufacture thereof which comprises chlorinating to substantial molecular excess paraffine hydrocarbon material of a carbon content corresponding to the desired unsaturated hydrocarbon and consisting of a narrow boiling hydrocarbon fraction, splitting hydrogen chloride from the chlorinated material in the liquid phase to produce the desired unsaturated hydrocarbon, and thereafter separating the desired unsaturated hydrocarbon from the mixture resulting from the splitting operation by distilling said unsaturated hydrocarbon overhead from undesired chlorine derivatives obtained as by-products.

2,065,324
PROCESS OF BINDING A PLURALITY OF SHEETS
Guy F. Brisendine, Kansas City, Mo., assignor to The Schooley Printing and Stationery Company, Kansas City, Mo., a corporation of Missouri
Application February 28, 1935, Serial No. 8,647
1 Claim. (Cl. 281—21)



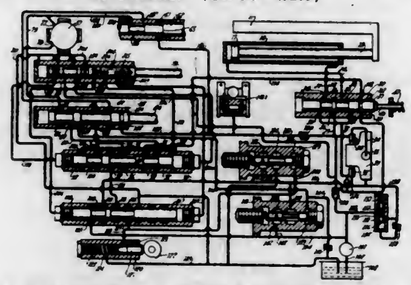
The process of binding a plurality of sheets which comprises inserting one margin of said sheets between the legs of a U-shaped binder having its folded edge arranged with a series of spaced slits, until the edges of said sheets are in close proximity to the folded portion thereof, compressing the binder and inserted sheets to effect gapping of the side edges of said slits, and finally in applying an adhesive to the line of gapping slits for penetration into the binder to secure the inserted sheets in position.

2,065,325
SNAP FASTENER INSTALLATION AND FASTENER FOR THE SAME
John C. Calhoun, West Quincy, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts
Application February 21, 1933, Serial No. 657,787
3 Claims. (Cl. 24—208)



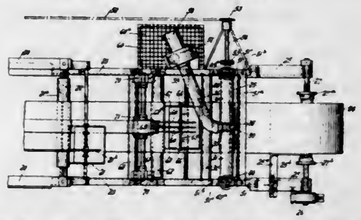
1. A snap fastener installation of the class described comprising, in combination, parts to be fastened together, a stud member secured to one of said parts and having projections extending outwardly therefrom and terminating in a plane substantially parallel to said part, said projections having opposed smooth edges and opposed sides formed with shoulders extending outwardly therefrom, a socket member carried by the other of said parts and having a pair of yieldable projections extending outwardly therefrom, a pair of inwardly disposed shoulders on the ends of said yieldable projections adapted to engage the shoulders of said stud member, and a pair of substantially parallel smooth rigid projections extending from said socket member and adapted to bear against the smooth edges of the projections on said stud member thereby preventing lateral movement of said stud member relative to said yieldable projections of the socket member.

2,065,326
MILLING MACHINE
Hans Ernst, Mario E. Martellotti, and Walter D. Archea, Cincinnati, Ohio, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio, a corporation of Ohio
Application September 10, 1935, Serial No. 39,950
13 Claims. (Cl. 90—21.5)



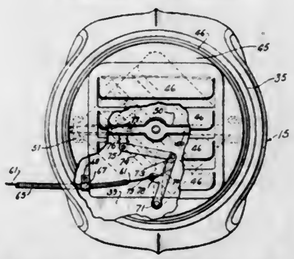
13. Transmission means for control of the table of a milling machine having a tool spindle and a toothed cutter supported for rotation thereby and a work table actuable in a direction parallel to the direction of movement of the teeth of said cutter while cutting, said transmission means including a piston and cylinder, one of which is operatively connected to the table, a constant high pressure pump for delivering fluid to said cylinder, a servo-valve for connecting said pump in a manner to create equal resultant pressures in opposite ends of said cylinder to hold the table against movement, a second hydraulic motor for adjusting said servo-valve to create a sufficient pressure differential to cause feeding movement of the table at a predetermined rate, means responsive to abnormal changes effected in said rate by the action of said cutting teeth during cutting to change said pressure differential in a manner to re-establish said predetermined rate, a pump for supplying fluid to said second motor, a feed rapid traverse selector valve and a reversing valve for connecting said last-named pump and motor, and a dog carried by the table for controlling trip actuation of each of said valves.

2,065,327
APPARATUS FOR MAKING WINDOW BAGS AND WRAPPERS
Richard S. Grant and Alfred A. Schlegel, Akron, Ohio, assignors to The Jaite-Grant Display Bag Company, Cleveland, Ohio, a corporation of Ohio
Original application May 10, 1933, Serial No. 670,336, now Patent No. 2,031,580, dated February 18, 1936. Divided and this application October 31, 1935, Serial No. 47,571
5 Claims. (Cl. 164—33)



1. In a machine for cutting patches from a continuously traveling web of material, the combination of upper and lower rotary dies between which the material is passed, of a sponge rubber pad associated with the lower of said dies adapted to be compressed by the upper die and upon release of the compression to force the patches out of the web.

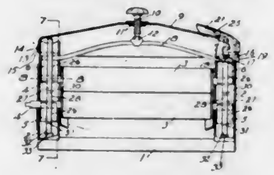
2,065,328
DEFLECTOR AND CONTROL FOR VEHICLE HEATERS
Harold F. Hadley, Toledo, Ohio, assignor to John E. Goerlich, Toledo, Ohio
Application July 15, 1935, Serial No. 31,353
7 Claims. (Cl. 98—2)



1. In a heater, the combination of a heat radiating element; means for delivering a forced draft of air therethrough; a casing surrounding said heat radiating element having an opening to permit the passage of heated air therethrough; air deflecting baffles; a frame carrying said air deflecting baffles; said frame being

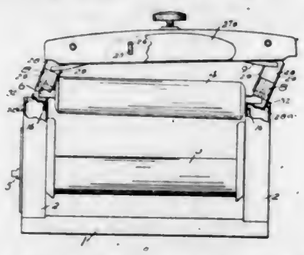
mounted for rotatable movement about a central axis in front of the opening in said casing; a link pivotally connected to said frame; a second link pivotally connected to said first mentioned link and to a relatively fixed portion of the heater; and a flexible cable control associated with one of said links for regulating the relative movement of said frame and air deflecting baffles.

2,065,329
WRINGER
Walter L. Kauffman, II, Erie, Pa., assignor to Lovell Manufacturing Company, Erie, Pa., a corporation of Pennsylvania
Application November 10, 1931, Serial No. 574,063
14 Claims. (Cl. 68—32)



1. In a wringer, the combination of a frame having side stiles; wringer rolls; pressure applying means for the rolls; a quick release for relieving pressure on the rolls comprising a latch mechanism having pivotally mounted latch members, said members having opposing engaging pressure sustaining surfaces extending crosswise of the line of thrust between the pivots of the pivotally mounted members, said members being disengageable by relative movement laterally of the direction of thrust, one of the members being tiltable with nonfrictional relative movement of the members; and means moving the tiltable member to a disengaging inclination for releasing the latching mechanism and relieving the pressure on the rolls.

2,065,330
WRINGER
Walter L. Kauffman, II, Erie, Pa., assignor to Lovell Manufacturing Company, Erie, Pa., a corporation of Pennsylvania
Application May 11, 1933, Serial No. 670,464
10 Claims. (Cl. 68—32)



1. In a wringer, the combination of a frame having side stiles; rolls having shafts mounted in the stiles; pressure means for the rolls; a top for the frame receiving the counter-pressure from the pressure means; a safety release device detachably securing the top on the frame; and bails pivotally secured to the top and looping the upper roll shafts, said bails and stiles having interlocking arresting parts limiting the upward movement of the top as it is released.

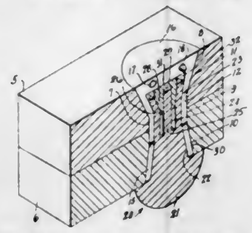
2,065,331
METHOD OF PREPARING MIXED ESTERS
Roy H. Kienle, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
No Drawing. Application June 21, 1929, Serial No. 372,808. Renewed June 6, 1936
17 Claims. (Cl. 260—8)

1. The process which comprises adding to a preheated drying oil first a polyhydric alcohol, forming a combination of the two, and thereupon adding to the combination a polybasic organic acid and esterifying the mass.

2,065,332
PROCESS FOR THE PREPARATION OF A YEAST PRODUCT
George W. Kirby, Bronx, and Charles N. Frey, Scarsdale, N. Y., assignors to Standard Brands Incorporated, New York, N. Y., a corporation of Delaware
No Drawing. Application February 29, 1936, Serial No. 66,438
6 Claims. (Cl. 99—97)

1. A process for the preparation of a yeast product which comprises incorporating an edible salt with yeast, partially plasmolyzing and thereafter toasting by heating to a temperature of from 140° to 210° C. for a period upwards to ten minutes.

2,065,333
EXPANSION RIVET
Arthur A. Kirley, New York, N. Y.
Application May 12, 1936, Serial No. 79,229
4 Claims. (Cl. 85—39)

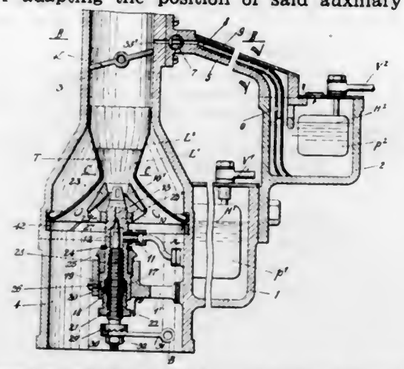


4. An expansion rivet comprising a shell split at one end, a head section at the opposite end having a tapered recess therein, a bolt, a head thereon, a conical shank portion extending therefrom for expanding the split end of the shell, a longitudinally slotted cylindrical shank portion extending from the conical shank portion, and an expansion member for engagement with the slotted shank portion of the bolt and bottom of the tapered recess in the shell to expand the said shank within the shell.

2,065,334
CARBURETOR
Georg Koppe, Prague, Czechoslovakia
Application April 13, 1935, Serial No. 16,170
In Czechoslovakia April 20, 1934
9 Claims. (Cl. 261—18)

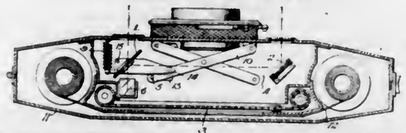
1. In a carburetor the combination of an elastic main air funnel, adapted to alter its width under the influence of a motor vacuum, an auxiliary air funnel, a fuel discharge nozzle, a needle valve, said main air funnel, said auxiliary air funnel, said nozzle and said needle valve being arranged coaxially, said needle valve within said nozzle, said nozzle within said auxiliary air funnel and said auxiliary air funnel within said main air

funnel, means for controlling the position of said needle valve within said nozzle for adjusting the passage of the fuel through said nozzle, means for adapting the position of said auxiliary air



funnel in relation to said nozzle without interfering with the position of said needle valve in respect to said nozzle, and means for adjusting the position of said nozzle with said auxiliary air funnel in relation to the main air funnel.

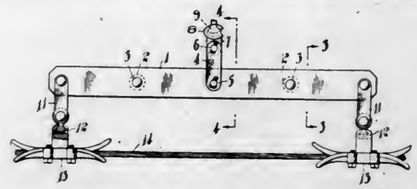
2,065,335
COMBINED PHOTOGRAPHIC CAMERA AND DISTANCE METER
Heinz Küppenbender, Dresden-Strehlen, Germany, assignor to Zeiss Ikon Aktiengesellschaft Dresden, Dresden, Germany
Application March 1, 1934, Serial No. 713,471
In Germany May 28, 1932
2 Claims. (Cl. 95—44)



1. In a photographic camera in combination with the camera casing the lens and the lens props, said casing having two apertures in its front wall one on each side of the lens and an aperture in its top wall, a distance meter in said casing, comprising a semi-transparent mirror behind one of said apertures in the front wall of the casing, an oscillatably mounted spring controlled carrier of said semi-transparent mirror adapted to be oscillated from the corresponding prop of the lens when said carrier is being adjusted, a fixed mirror arranged behind the other of the apertures in the front wall of the casing and adapted to reflect the beam of light from its aperture on to said semi-transparent mirror, a prism in the axis of and behind said semi-transparent mirror adapted to project the rays from said semi-transparent mirror through the aperture in the top wall of said casing, and a prism above the aperture in the top wall of the camera.

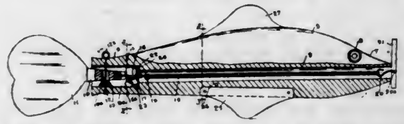
2,065,336
VIBRATION ABSORBER FOR TRANSMISSION-LINE CONDUCTORS
William E. Langton, Toronto, Ontario, Canada
Refiled for abandoned application Serial No. 613,240, May 24, 1932. This application June 10, 1935, Serial No. 25,845. In Canada May 21, 1935
2 Claims. (Cl. 248—63)

2. A hanger for suspending a conducting cable comprising a suspension member pivotally connected with an insulator; a rigid horizontal bar positively pivoted on the suspension member intermediate of the ends of the bar and above the cable to swing in a vertical plane parallel to the vertical plane in which the cable lies; straps pivotally mounted at the ends of the bar and depending therefrom substantially parallel to one another to swing simultaneously in the same



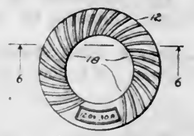
direction longitudinally of the cable and in the same direction as the suspension member; and clamps pivotally mounted on the said straps beneath the bar to swing in a direction longitudinally of the cable and forming the sole support for the cable at two points distant from one another to divide the weight of the cable at each hanger between the said clamps.

2,065,337
SELF PROPELLED TOY FISH
Arthur Lee, Newark, N. J.
Application September 17, 1935, Serial No. 40,896
7 Claims. (Cl. 46—92)



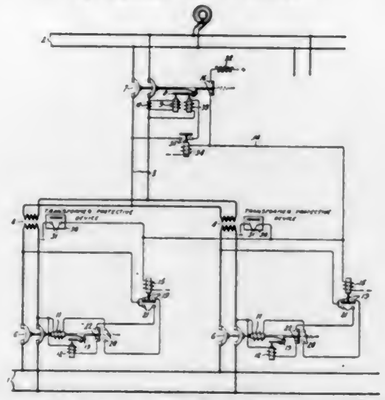
1. A toy fish having a movable tail and means carried by the toy fish for actuating the tail vertically and laterally to propel the fish through water in which the fish is placed.

2,065,338
VENTING MEANS FOR ELECTRIC FUSES
Louis Ludwig, Brooklyn, N. Y.
Application March 23, 1935, Serial No. 12,660
2 Claims. (Cl. 200—130)



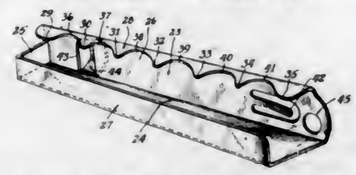
1. In an electric fuse plug, having a recessed body member, a transparent disc for covering the recess and a centrally apertured cap for clamping the disc to the body member; a plurality of venting passages provided between the top face of the body member and the disc for liberating gases from the recess of the body member; a plurality of venting passages formed in the cap for receiving the gases from the first-mentioned passages after the gases have passed around the edge of the disc; and the exit openings of all the passages in the cap terminating in the centeral aperture of the cap; the passages in the cap being arcuated and formed at an angle to the radius of the cap so as to impart a twirling movement to the escaping gases.

2,065,339
SYSTEM OF ALTERNATING CURRENT DISTRIBUTION
Willard J. McLachlan, Scotia, N. Y., assignor to General Electric Company, a corporation of New York
Application June 29, 1935. Serial No. 29,179
10 Claims. (Cl. 175—294)



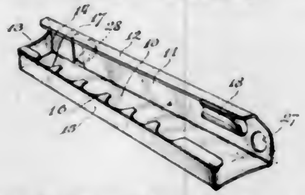
1. In combination, a transformer, two alternating current circuits, switching means for connecting one winding of said transformer to one of said circuits, other switching means for connecting another winding of said transformer to the other of said circuits, a pilot wire circuit, means controlled by the position of said first mentioned switching means for effecting the energization of said pilot wire circuit, a relay connected to said pilot wire circuit, means responsive to the energization of said relay for effecting a predetermined operation of said other switching means and responsive to the deenergization of said relay for effecting a different predetermined operation of said other switching means, and means responsive to a predetermined abnormal condition in said transformer for effecting the deenergization of said relay.

2,065,340
SOCKET WRENCH KIT
Norris F. McNaught and Edward Henry Peterson, Chicago, Ill., assignors to Duro Metal Products Company, Chicago, Ill., a corporation of Illinois
Application October 5, 1935, Serial No. 43,683
13 Claims. (Cl. 206—16)



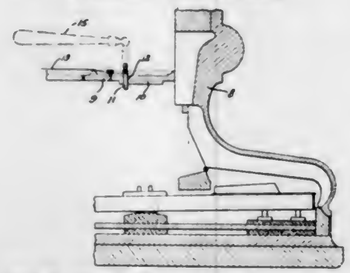
13. In a socket wrench kit, a socket holder comprising an elongated receptacle for receiving a plurality of sockets in a row, said receptacle having an open top, a plurality of overhanging lugs provided on one wall of said receptacle, said lugs engaging and confining the sockets when the sockets are in packed position and so spaced as to pass said sockets for release from the receptacle when the sockets are moved longitudinally thereof, and resilient means engaging the end socket of the row for retaining all of the sockets in the first mentioned position.

2,065,341
SOCKET WRENCH KIT
Norris F. McNaught and Edward Henry Peterson, Chicago, Ill., assignors to Duro Metal Products Company, Chicago, Ill., a corporation of Illinois
Application January 23, 1936, Serial No. 60,406
5 Claims. (Cl. 206—16)



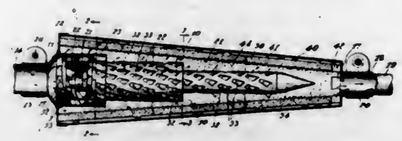
1. In a socket wrench kit, the combination of a receptacle with a plurality of sockets, the sockets being arranged side by side in a line, said receptacle supporting said sockets at the bottom and having a side wall engaging the side of the line of sockets, an over-hanging flange formed on said receptacle and engaging the top of the sockets when they are located against said side wall, and inwardly extending lugs extending transversely to the axes of said sockets as so arranged in the receptacle and engaging the opposite sides of the sockets at points between the ends of the sockets to confine them in the receptacle, said inwardly extending lugs being spaced apart a distance sufficient to accommodate the respective sockets and permit their removal from under said overhanging flange when moved longitudinally of said receptacle.

2,065,342
TUNING PIN CONSTRUCTION
Edward G. Mockly, Milwaukee, Wis.
Application September 18, 1935, Serial No. 41,038
1 Claim. (Cl. 84—202)



A tuning pin construction comprising a pin block having a tapered bore extending therethrough which converges upwardly, a metal tuning pin having a complementary taper, said pin being insertable from the bottom of said pin block and the taper of the pin and bore serving to limit upward movement of said pin, and a tensioned string windable on the upper portion of said pin above the pin block, the tension of said string serving to maintain the pin in properly seated condition, the axis of said bore being inclined toward spring tension so that there is an upward component of force tending to constantly urge the pin to properly seated position.

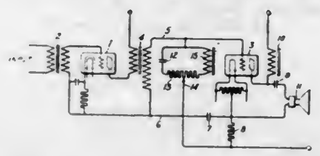
2,065,343
EXHAUST MUFFLER
Robert A. Moore and John Mitchell, New York, N. Y., assignors to M. & M. Engineering Corporation, a corporation of New York
Application November 13, 1930, Serial No. 495,456
10 Claims. (Cl. 181—50)



1. An exhaust muffler comprising a casing and a plurality of concentric spaced gas controlling tubes therein extending substantially from the inlet end of the casing toward the outlet, the rear ends of the tubes being located with respect to the successively outward tubes, at progressively greater distances from the inlet end of the casing, the inner tube terminating at a point relatively near the rear end of the casing but substantially forward thereof, and means on said tubes for imparting a whirling motion to the gas.

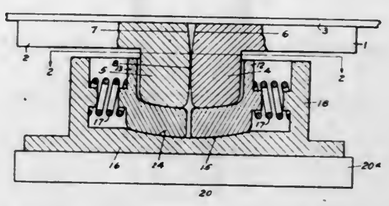
6. A muffler for the exhaust gases of internal combustion engines comprising an infusible and incompressible cellular fired clay body having relatively large intercommunicating cells as distinguished from the pores of ordinary fired clay bodies and having a waste gas passage extending therethrough, and means for connecting said body to an exhaust manifold at one end and an exhaust pipe at its other end.

2,065,344
CONTROL MEANS FOR SIGNAL CONTROL TRANSMISSION SYSTEMS
Harold D. Newton, Westmont, N. J., assignor to General Electric Company, a corporation of New York
Application February 1, 1933, Serial No. 654,643
8 Claims. (Cl. 179—1)



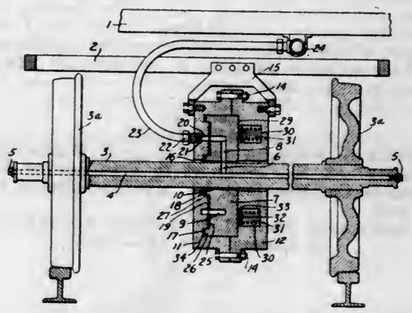
1. In combination, a signal transmission circuit, means to transmit through said circuit audio currents extending over a wide range including high audio tones and low audio tones, a tone control network effective over said wide range and predominately effective in the ranges of said high and low tones, said network comprising a resistance, one point of said resistance being connected to one side of said circuit through an impedance which is high to low tones and low to high tones, and another point on said resistance being connected to the same side of said circuit through an impedance which is low to low tones and high to high tones, and a connection from the other side of said circuit to a point on said resistance variable between said first points whereby as said connection is varied along said resistance opposite effects are produced upon said high and low tones.

2,065,345
ARTICULATED CAR
Theodore H. Schoepf and David M. Ritchie, Cincinnati, Ohio, assignors to The Cincinnati Traction Building Co., Cincinnati, Ohio, a corporation of Ohio
Application March 21, 1935, Serial No. 12,225
10 Claims. (Cl. 105—4)



1. In a railway car articulation, adjacent car platforms having trunnions associated therewith, said trunnions being adapted for engagement with one another and for relative vertical and lateral movement, longitudinally movable sockets for said trunnions, means for yieldingly resisting movement of said sockets, and means for guiding said sockets for longitudinal movement.

2,065,346
SAFETY APPARATUS FOR RAIL VEHICLES
Theodore H. Schoepf and David M. Ritchie, Cincinnati, Ohio, assignors to The Cincinnati Traction Building Co., Cincinnati, Ohio, a corporation of Ohio
Application February 17, 1936, Serial No. 64,296
6 Claims. (Cl. 246—169)

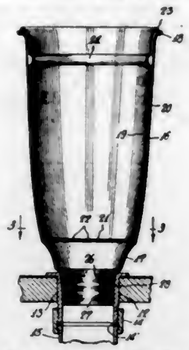


1. In a vehicle equipped with power-actuated brakes adapted to be automatically applied upon decrease of air pressure in the air brake train line, means including a pneumatic mechanism cooperating with an axial air chamber extending from end to end in an axle of the vehicle to cause escape of air from the train line through the axial chamber in the axle, upon breakage of the axle, to cause automatic application of the brakes.

2,065,347
RINSING EQUIPMENT
Herman E. Schulse, East Orange, N. J.
Application September 29, 1936, Serial No. 103,062
17 Claims. (Cl. 4—201)

1. A rinsing tub having a drain, a standpipe affixed in said drain determining the level of

rinsing water in the tub and a removable refuse

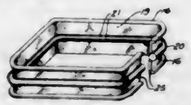


cup lodged in said standpipe, said latter parts affording an overflow passage to said drain.

2,065,348
FOUNDRY FLASK

Irving R. Smith, Milwaukee, Wis., assignor to Sterling Wheelbarrow Company, West Allis, Wis., a corporation of Wisconsin

Application January 26, 1935, Serial No. 3,607
3 Claims. (Cl. 22—96)

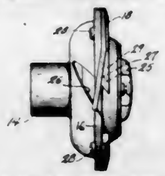


1. A foundry flask comprising an elongated central section of metal enlarged in cross section and of standard bar stock to constitute a relatively heavy, compact, twist resisting rib, elongated sections of metal adjacent opposite longitudinal portions of said central section, and welding joining said adjacent longitudinal portions of the sections together, the welded-together sections being in a condition of having been bent to flask form.

2,065,349
ROTARY HOOK

George A. Southam and George R. Wainwright, Rockford, Ill., assignors to Free Sewing Machine Co., Rockford, Ill., a corporation of Illinois

Application April 11, 1934, Serial No. 719,985
13 Claims. (Cl. 112—228)

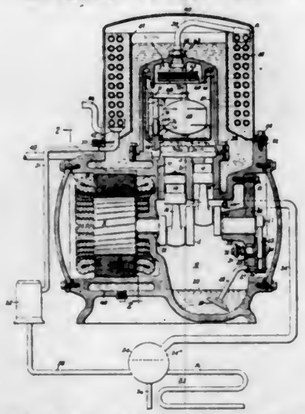


3. In a rotary hook for sewing machines, a bowl-shaped rotary thread-loop carrier having a radial flange at its periphery and a slot extending inwardly from the periphery obliquely to the axis of the hook and counter to the direction of rotation to form a thread-loop spreading tongue, a bobbin case base partially received within said carrier and having a circumferential rib, and a split gib ring secured to said carrier and forming with the flange thereon a raceway for the rib on said base, said ring having a finger extension at one end projecting across the slot to form a thread guard.

2,065,350
COMPRESSOR FOR REFRIGERATING MACHINES

Christian Steenstrup, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application August 26, 1933, Serial No. 686,959
11 Claims. (Cl. 230—206)

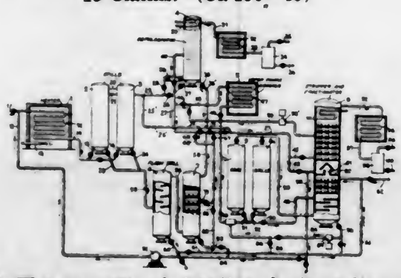


1. A compressor casing having a discharge opening therein, means secured to said casing and including a chamber having an inlet over said discharge opening for receiving compressed gas having liquid particles entrained therein, means including a cup arranged in said chamber and having walls spaced from the walls of said chamber for separating the liquid particles from the gas and for collecting the liquid particles, and means including a valve arranged in said cup for removing said liquid from said chamber.

2,065,351
CONVERSION OF HYDROCARBON OILS

Le Roy G. Story, Bronxville, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

Original application April 21, 1931, Serial No. 531,693. Divided and this application September 28, 1934, Serial No. 745,888
15 Claims. (Cl. 196—49)



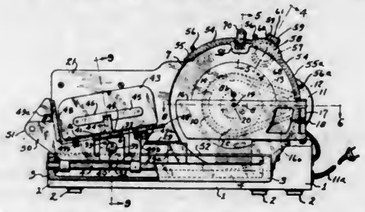
3. The process of treating hydrocarbon oil which comprises introducing fresh relatively heavy charging stock into a stripping zone in contact with highly heated vapors whereby partial vaporization of said stock occurs, separating the resulting vapors into a light vapor fraction, an intermediate condensate and a relatively heavy condensate, removing and condensing said light vapor fraction, passing said heavy condensate through a cracking zone wherein conversion conditions of temperature and pressure are maintained, separating the resulting products of conversion into vapors and a liquid residue in a distilling zone separate from said stripping zone, introducing products so separated as vapors into said stripping zone, cracking said intermediate condensate in the vapor phase, and introducing the resulting cracked products into a coking zone, separate from said distilling zone and said stripping zone, introducing a heavy residual oil into said coking zone in contact with said vapors, whereby said residual oil is reduced to vapors and coke, removing vapors from said coking zone and introducing them into said stripping zone in contact with said fresh charge.

5. A process in accordance with claim 3 wherein said liquid residue first mentioned is flash distilled with attendant formation of vapors and tar, said tar is introduced into said coking zone as said heavy residual oil.

2,065,352
SLICING MACHINE

Elmer G. Streckfuss, Cincinnati, Ohio, assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio, a corporation of Ohio

Application October 9, 1931, Serial No. 567,921
5 Claims. (Cl. 146—102)

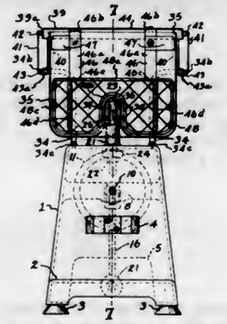


1. In a slicing machine comprising a cutting disc rotatable in an upright plane and means for feeding material across the front face of the disc, cutting a slice to pass to the back of the disc, a guard and guide plate hinged to said machine near one edge of the disc and extending across said face along the path of the fed material, with opposite edges receding from the disc periphery along said path, and with a bearing at the center of the disc, and means acting on said plate near its hinge to hold the plate to said bearing, said means being movable to allow the plate to swing on its hinge away from said disc.

2,065,353
AGITATING MACHINE

Elmer G. Streckfuss, Cincinnati, Ohio, assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio, a corporation of Ohio

Application January 15, 1934, Serial No. 706,678
4 Claims. (Cl. 259—88)

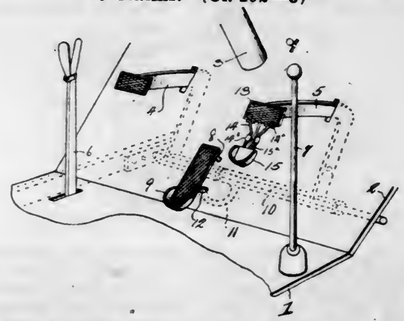


1. In a machine of the character described, a rotatable container with its interior wall surface centrifugally active on contents of the container, means to impede circular movement of the substance imparted by said wall surface, said container having an open top with an exposed rim, and means relatively to which the container rotates, close to the interior wall surface of the container, near said rim, to impede substance tending to pass out over said rim under the centrifugal action.

2,065,354
FOOT PEDAL ORGANIZATION FOR MOTOR VEHICLES

Morris E. Streen, Newark, N. J.

Application May 7, 1936, Serial No. 78,501
6 Claims. (Cl. 192—3)

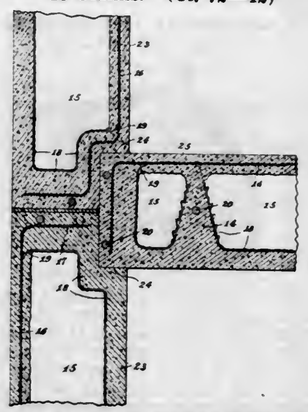


2. In a motor vehicle, the combination of a foot brake pedal and an accelerator pedal disposed to the left thereof, and a non-yielding means actuated by the foot brake pedal when it is shifted to brake applied position whereby the releasing of the accelerator pedal for movement to inoperative position is effected.

2,065,355
CONCRETE BUILDING CONSTRUCTION

Quentin Twachtman, Greenwich, Conn., assignor of one-half to William J. Knapp, Rye, N. Y., and one-fourth to Gordon Grand, Millbrook, N. Y.

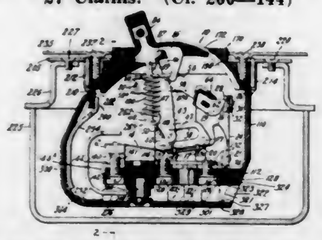
Application November 27, 1934, Serial No. 754,952
15 Claims. (Cl. 72—42)



1. A pre-cast concrete slab comprising an outer wall with reinforcing material therein, an inner wall connected to said outer wall by integral webs spaced at intervals across said slab to form a substantially hollow structure, said webs being

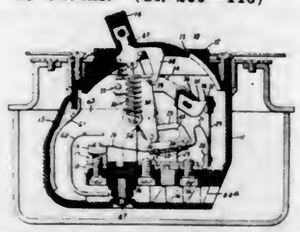
of largest cross sectional area where united with said inner wall and located within a form adapted to remain within the slab, said form being perforated and extending within said outer wall substantially to the reinforcing material therein, said webs being united with said outer wall through the perforations of said form.

2,065,356
CIRCUIT BREAKER
Fred G. von Hoorn, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York
Application April 5, 1934, Serial No. 719,125
27 Claims. (Cl. 200—144)



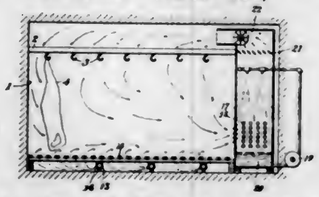
1. In an arc-extinguishing device, the combination of a pair of contacts, means for moving one of said contacts relatively to the other between open and closed circuit positions, and magnetic means including a magnetizable member forming a low reluctance path for first moving the arc drawn between the contacts outwardly from the contacts and then moving the arc at a substantial angle to said first movement, said last-mentioned means including means for mounting said member in spaced relation with said contacts and at one side of said contacts so as to extend along the path of movement of said movable contact whereby the lines of flux surrounding said arc are concentrated in said member.

2,065,357
CIRCUIT BREAKER
Fred G. von Hoorn, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York
Application November 21, 1935, Serial No. 50,907
16 Claims. (Cl. 200—116)



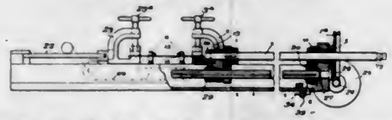
16. A circuit breaker comprising a supporting base, a U-shaped frame the arms of which extend upwardly from said base, a U-shaped switch member the respective arms of which are provided with slots, a pivot pin extending through the arms of said frame and said switch member for pivotally supporting the switch member for movement between open and closed circuit positions, said switch member nesting between the arms of said U-shaped frame, a U-shaped operating link the arms of which nest within the arms of said U-shaped switch member, a supporting pin extending between the arms of said link adjacent one end thereof, a pair of rollers mounted on the respective ends of said supporting pin, said rollers being guided by said slots and maintained in said slots by the cooperation of the arms of said link on one side of each roller and the arms of said frame on the other side of each roller, outwardly extending projections on the arms of said link adjacent the other end thereof, mounting means for said link including apertures for receiving said projections to form a pivotal mounting for said link, at least one of said apertures comprising a slot, an operating member provided with a pair of spaced apart legs within which the upstanding arms of said U-shaped frame nest, said legs and said frame arms having cooperating notches and projections for pivotally supporting said operating member, and an overcenter spring having one end connected to said operating member and the other end connected to said operating link for rotating said link in opposite directions so as to apply the force of said spring to said switch member to operate said switch member to said open and closed circuit positions, the bias of said spring maintaining the cooperating notches and projections on said operating member and said frame in pivotal engagement and maintaining said link in pivotal engagement with said mounting means.

2,065,358
METHOD OF CHILLING ANIMAL CARCASSES
Mihail Trofim Zarotschenzeff, New York, N. Y., assignor, by mesne assignments, to Z Processes Inc., Jersey City, N. J., a corporation of Delaware
Application October 12, 1933, Serial No. 693,267
4 Claims. (Cl. 99—194)



1. The method of chilling animal carcasses in a chamber comprising creating an atomized liquid refrigerant, removing from the refrigerant heavy liquid particles which would form water upon the carcass, and directing the remaining refrigerant about the carcass in the chamber, whereby the carcass is chilled in a moisture-laden atmosphere which is free from particles forming water upon the carcass.

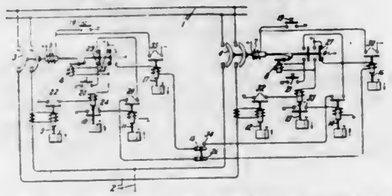
2,065,359
TESTING MACHINE FOR TENSILE TESTS
Stephen Zechmeister, Budapest, Hungary
Application May 23, 1933, Serial No. 672,384
In Hungary December 15, 1932
14 Claims. (Cl. 265—12)



1. In a testing machine, comprising two gripper carriages adapted to hold and tension a sample of the goods between them, resilient measuring means to hold one of said carriages relatively

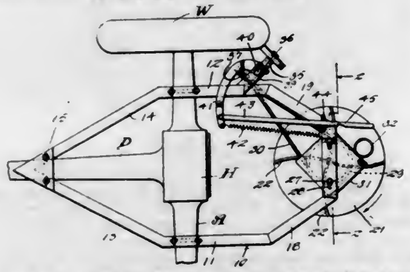
stationary, the other one being movable and a guiding bed on which the latter member can be slidably moved, the combination with a threaded spindle rotatably attached to the movable gripper carriage, a geared nut stationarily but rotatably seated on the guiding bed adapted to draw in and feed said spindle in either direction when rotated, mechanical means to rotate said nut, a ribbed shaft, running parallel to the spindle and journalled rotatably, but stationarily in an axial direction, and gearing means, operatively connected with the spindle and the shaft respectively and adapted to actuate both in unison; of adjustable means to optionally rotate said spindle and shaft cooperatively or prevent them from rotating, such optionally adjustable means resulting in a difference in speed at which the spindle is drawn in and fed by the rotatable nut.

2,065,360
AUTOMATIC RECLOSING CIRCUIT BREAKER SYSTEM
Arvid E. Anderson, Drexel Hill, Pa., assignor to General Electric Company, a corporation of New York
Application September 27, 1934, Serial No. 745,743
7 Claims. (Cl. 175—294)



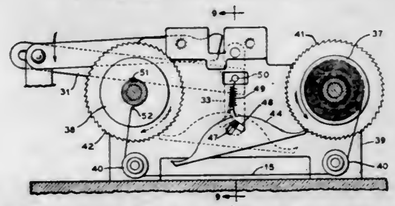
1. In combination two electric circuits, a circuit breaker interconnecting said circuits, a second circuit breaker for interconnecting said circuits, and fault responsive means for effecting the opening of said first mentioned circuit breaker and for initiating the closing of said second circuit breaker before said first mentioned circuit breaker opens.

2,065,361
SAND SPREADING DEVICE
Dan L. Blake, Wenatchee, Wash.
Application January 16, 1936, Serial No. 59,451
4 Claims. (Cl. 275—8)



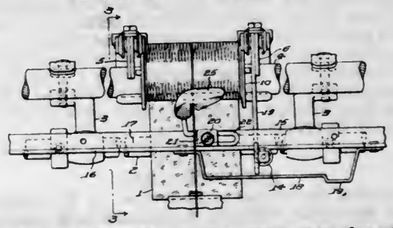
1. A material distributing means for a vehicle comprising a frame, means for securing the frame to the under-carriage of the vehicle, a horizontally rotatable distributing member, means for rotatably supporting the distributing member from the frame, a driving member adapted to frictionally engage a side of a wheel associated with the vehicle, mounting means for said driving member, means for connecting the driving member with the distributing member, means for swingably supporting the mounting means from the frame, yieldable means for maintaining the driving member in frictional contact with a wheel, and means for holding the driving member in released position against the tension of the yieldable means, said latter means comprising a keeper secured to the frame and a notched rod carried by the mounting means.

2,065,362
RECORDING APPARATUS
Max E. Brendel, Chicago, Ill., assignor to Streeter-Amet Company, Chicago, Ill., a corporation of Illinois
Application October 29, 1932, Serial No. 640,224
4 Claims. (Cl. 101—336)



2. A printing device having a printing hammer and operating means therefor comprising in combination an inking ribbon, a pair of oppositely disposed ribbon rolls having ratchet means by which they may be rotated, a pawl located between said rolls and having its extremities adapted selectively to engage either ratchet means, an oscillating pawl actuator carrying a pawl pivot pin, said actuator being coordinated with the hammer operating means to operate the pawl during the intervals between operations of the hammer, said pawl having a V-shaped slot in which said pin operates, and a spring connected to the pawl opposite the extremities of the slot to hold said pin resiliently in one or the other extremities of said slot, said spring being adapted to yield under the resistance exerted by the ribbon when one roll is unwound to permit the pin to shift to the other end of the slot to cause the pawl to engage the other roll and reverse the winding of the ribbon.

2,065,363
WINDING MACHINE
Earl G. Crooks, Elmira, N. Y., assignor to Chemung Engineering Corporation, Elmira, N. Y., a corporation of New York
Application January 29, 1935, Serial No. 3,927
11 Claims. (Cl. 242—157)



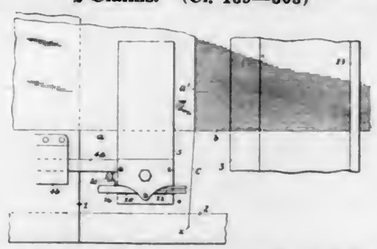
1. A thread guide of the character described comprising a body having two substantially parallel faces, a curved surface having its extremities substantially at right angles to each other extending therebetween, a substantially flat face extending angularly from one extremity of the

curved surface, a guide slot extending substantially parallel to the other extremity thereof and terminating at the outer edge of one of its sides in the adjacent end of the angular face, and means secured to the body adjacent the opposite side of the slot for operatively supporting the guide upon a traverse bar.

2,065,364
WEFT THREAD CUTTER FOR LOOMS

Paul Doersein, Paterson, N. J., assignor to Silk City Metals Coating Company, Paterson, N. J., a corporation of New Jersey

Application March 13, 1935, Serial No. 10,851
2 Claims. (Cl. 139—303)

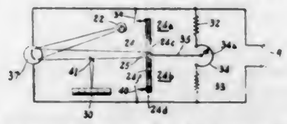


1. A weft-parting means comprising a support having a passage one end of which is open at a surface of the support, a device having a portion thereof coactive with the support to grip a thread interposed between them, said device being movable back and forth to enter and withdraw said portion to and from said end of the passage and said portion when entered into said end being formed to clamp the thread between itself and opposite sides of the passage, and a blade in the passage having a weft-parting edge presented toward and set back from said end, said portion of said device being bifurcated to straddle the blade upon entering the passage.

2,065,365
MEASURING SYSTEM

Edgar D. Doyle and Paul H. Dike, Philadelphia, Pa., assignors to Leeds & Northrup Company, Philadelphia, Pa., a corporation of Pennsylvania

Application October 29, 1934, Serial No. 750,520
6 Claims. (Cl. 250—41.5)



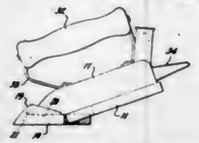
6. A regenerative measuring system comprising a pair of photo-voltaic cells, means for connecting one pair of like terminals of said cells, fixed resistance means connected between the other pair of terminals of said cells, an electrical deflecting instrument and a high resistance input circuit connected in series across said resistance means, and illuminating means for said cells controlled by said instrument.

2,065,366
ELECTRIC IRON

Frederick W. Eichorn, Bellerose, N. Y., assignor to Pres-Toe Flatiron Corporation, a corporation of New York

Application June 16, 1934, Serial No. 730,939
Renewed May 22, 1936
9 Claims. (Cl. 38—93)

1. A pressing iron comprising a body to be heated and having a pressing face lying in substantially a single plane, said body being divided to provide a relatively small body at the front of the iron, and means for pivoting the small body

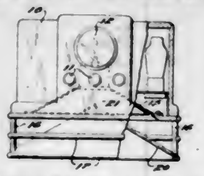


on the larger portion of the body whereby the small body may be swung out of the plane of the larger portion for independent use.

2,065,367
SOUND DIFFUSING APPARATUS

Robert B. Evans, Grosse Pointe, Mich.

Application December 31, 1935, Serial No. 57,032
13 Claims. (Cl. 181—31)

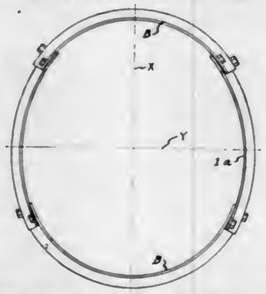


1. In a radio cabinet construction having a loud speaker therein, a sound reflecting device disposed in front of said speaker, the surface of said sound reflecting device facing said speaker being smoothly convexly curved thereby serving to diffuse sound in a plurality of directions.

2,065,368
CORRUGATED METALLIC CONDUITS AND PROCESSES OF MAKING THEM

Jonathan Roy Freeze, Middletown, Ohio, assignor to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio

Application September 20, 1935, Serial No. 41,437
9 Claims. (Cl. 113—33)

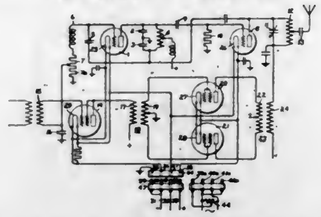


5. A built-up circumferentially corrugated culvert comprising a plurality of ring-like sections telescoping together end to end with corrugations of their telescoped portions in interfitting relation, each section comprising a plurality of identical curved corrugated plates joined together in lapped seams, each plate having fastening apertures extending through its overlapping edge portions, said fastening apertures receding from said edges by degrees from one end of said plates to the other, and fastening means extending therethrough, whereby the ends of adjacent sections may be made of smaller and larger diameter respectively to fit one within the other.

2,065,369
RADIO TRANSMITTING SYSTEM

George W. Fyler, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application March 20, 1935, Serial No. 12,012
16 Claims. (Cl. 250—17)

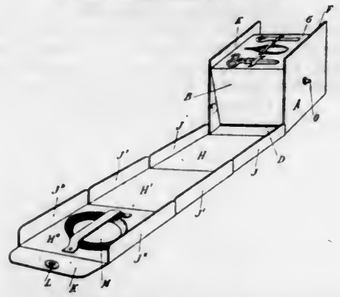


1. The method of starting a radio transmitter of the master oscillator power amplifier type which includes heating the cathode of the oscillator tube to its normal electron emission temperature before the cathode of the amplifier tube is heated to its normal electron emission temperature.

2,065,370
CHEST FOR SURGICAL BANDAGES IN STRIP-FORM

Ernst Gelinsky, Berlin, Germany

Application December 24, 1935, Serial No. 55,950
In Germany January 10, 1935
7 Claims. (Cl. 206—12)



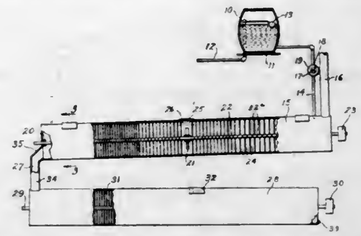
4. In a sterilizable container for keeping long strips of sterilized surgical bandages ready for use and adapted to be prepared in situ in a sterile manner, the combination of a quadrangular box having a slit in one of its sidewalls and a lid-like device disengageably attached to the lower edge of said sidewall and consisting of a plurality of lid elements joined to each other.

2,065,371
METHOD OF MAKING AGGREGATES OF CARBON BLACK

Herman Jacob Glaxner, Monroe, La., assignor to Columbian Carbon Company, New York, N. Y., a corporation of Delaware

Application November 6, 1933, Serial No. 696,774
1 Claim. (Cl. 134—60)

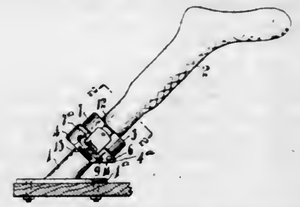
The method of making generally spherical, relatively minute aggregates of carbon black, which are .0005 of an inch in diameter, and substantially devoid of occluded gases, which includes the steps of mixing approximately equal quantities of water and carbon black to form a pasty mass, and progressively advancing the mass through an elongated path, and simultaneously forming said aggregates by subjecting the advancing mass to the action of a multiplicity of impacts caused by agitators of small cross-sectional area, spaced apart at comparatively small distances, and movable transversely of the direction of advancing movement of said mass.



2,065,372
STRETCHER FOR USE WITH DRYING FORMS

Howard Addison Johnston, Toronto, Ontario, Canada

Application July 30, 1934, Serial No. 737,511
7 Claims. (Cl. 223—61)

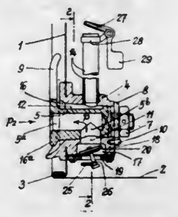


1. A stretcher for a drying form including jaws; carding cloth carried by each jaw for gripping an article on the form; means for limiting the movement of each carding cloth relative to its jaw and towards the form; and means for urging each carding cloth towards its limiting means.

2,065,373
TAPPING AND REFILL-CONTROLLING DEVICE

Christoph Karageorgieff, Vienna, Austria

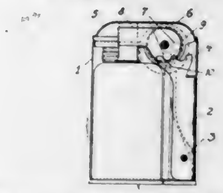
Application March 21, 1935, Serial No. 12,278
In Austria March 29, 1934
8 Claims. (Cl. 277—24)



1. A tapping and refill-controlling device for a container of marketable liquid comprising in combination an unobstructedly operable tapping unit, an obstructing member interposed in the outflow path of the said tapping unit and adapted normally to prevent inflow through the said tapping unit into the interior of the said container,

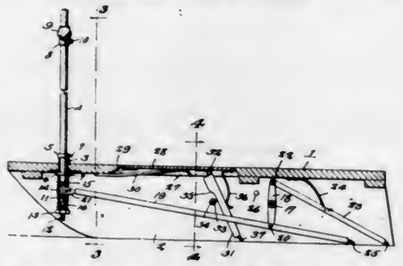
and controllable locking means for rendering temporarily inoperative the said obstructing member.

2,065,374
PYROPHORIC LIGHTER
Alois Kaufmann, Vienna, Austria
Application September 1, 1934, Serial No. 742,498
In Austria September 6, 1933
3 Claims. (Cl. 67—7.1)



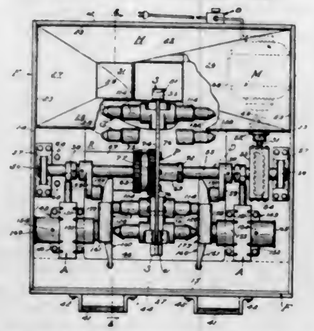
2. A fuel container for pyrophoric lighters of the type comprising a casing formed in the bottom with an opening of less length than that of the bottom, including a container to be bodily introduced into the casing through and completely closing the opening in the bottom thereof, an element seated in the upper end of said container and comprising a central tube through which the wick is introduced and from which it projects for use, and a well surrounding the tube to serve for the introduction of fuel into the container, the wall of said well being formed with openings to establish communication between the well and container, the container being integrally closed except through the wick tube and well, whereby vapor escaping from the fuel within the container is compelled by the well to flow around the wick to facilitate ignition.

2,065,375
SLED PROPELLER
Stephen Keltonik, Conemaugh, Pa.
Application February 7, 1935, Serial No. 5,467
5 Claims. (Cl. 208—157)



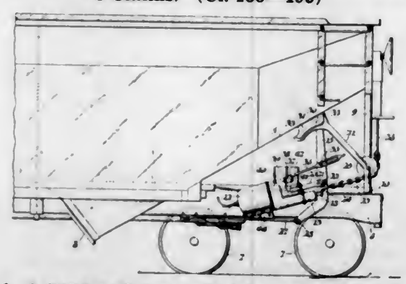
1. The combination with a sled, of a driving post extending therefrom and mounted for back and forth rotation about its axis, a lever movable with the post and having oppositely extending arms, downwardly and rearwardly extended thrust bars movably connected to the respective arms, upwardly extending levers fulcrumed between their ends adjacent to the sides of the sled and pivotally joined at their lower end to the thrust bars for actuation thereby, and short thrust bars pivotally connected to the upper ends of said levers and extending downwardly and rearwardly therefrom, the lower ends of all of the bars being positioned for reciprocation in different paths respectively.

2,065,376
APPARATUS FOR CRACKING NUTS
Jerome F. Kidd, East St. Louis, Ill., assignor to U. N. C. Corporation, East St. Louis, Ill., a corporation of Illinois
Application September 15, 1934, Serial No. 744,238
13 Claims. (Cl. 146—12)



1. A nut cracking machine comprising a driving shaft; a driven shaft; a member mounted on said driven shaft for rotation relative thereto and having means thereon to convey and grip nuts for cracking; and means interconnecting said driven shaft and said member in driving relation whereby said member rotates at a lower rate of speed than said driven shaft.

2,065,377
BRAKING SYSTEM
William F. Kiesel, Jr., Hollidaysburg, Pa., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa., a corporation of Pennsylvania
Application March 4, 1935, Serial No. 9,226
6 Claims. (Cl. 188—195)



1. A light and heavy braking system for slope sheet cars comprising stop means underneath the slope sheet; a lever with fulcrum means for engaging said stop means and fulcruming the lever on the same, said lever extending downward from said fulcrum means, a brake-operating connection from the lower end of said lever, actuating means for said lever, and a lost motion and fulcruming device for said lever nearer its said actuating means than said fulcrum means and adjustable to either allow full braking movement of said lever fulcruming on said stop means or itself fulcrum the lever while its aforesaid fulcrum means moves relative to said stop means.

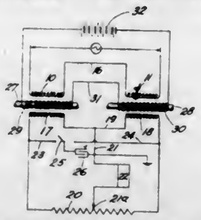
2,065,378
STRUCTURAL SHAPE
Fred E. Kling, Youngstown, Ohio
Application December 13, 1935, Serial No. 54,342
1 Claim. (Cl. 189—37)

A metallic beam formed from a single flat rolled section, said beam comprising a web portion and at least one flange portion, said web portion being composed substantially entirely of a single thickness of metal, said flange portion being composed of a double thickness of metal and provided with hollow edge portions, the web portion of said beam adjacent to said flange be-



ing composed of a double thickness of metal and forming with said flange a substantially V-shaped connecting portion, whereby said web portion will receive forces from said flange portion at points spaced from the center-line of said web portion, the legs of said substantially V-shaped connecting portion being welded together.

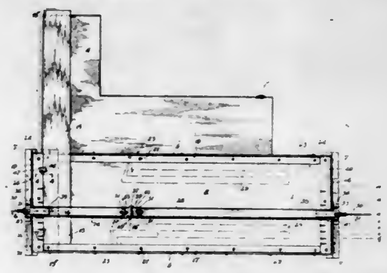
2,065,379
METHOD AND APPARATUS FOR TESTING METAL ARTICLES FOR DEFECTS
Horace C. Knerr and Cecil Farrow, Philadelphia, Pa., assignors, by direct and mesne assignments, to Steel & Tubes, Inc., Cleveland, Ohio, a corporation of Ohio
Application January 30, 1932, Serial No. 589,888
37 Claims. (Cl. 175—183)



1. Apparatus for testing metal articles for longitudinal defects including in combination a test unit comprising primary and secondary windings having suitable means for placing a metal article to be tested in inductive relation to said windings, means for causing a current of substantially predetermined magnitude and phase to flow thru the primary winding, means for causing current of substantially predetermined magnitude and phase normally to flow thru the secondary winding, and means cooperating with the secondary winding for detecting variations in the article being tested, said means including a grid controlled, arc discharge device, such as Thyratron tube, operative when the current flowing in the secondary circuit controls the grid voltage of such discharge device in such a manner that variations of a predetermined nature in the article being tested will cause the grid voltage to pass thru a small angle positioned approximately 180 degrees out of phase with the anode voltage of such discharge device.

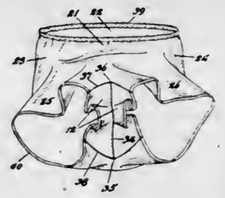
7. The method of testing metal articles which comprises passing current circumferentially around a magnetic metal article to be tested, while rendering the article substantially non-magnetic with respect to such current by exposing the article to a direct current field of strength sufficient substantially to saturate the article magnetically, and detecting defects in the article by determining the portions of the article which cause variations of a predetermined nature and amount in the current flowing circumferentially in the article.

2,065,380
MACHINE FOR CUTTING SHEETS OF RUBBER, LINOLEUM, AND THE LIKE
Paul W. Lamson, Cleveland Heights, Ohio
Application January 7, 1936, Serial No. 57,976
6 Claims. (Cl. 164—73)



1. In a cutting machine for sheets of rubber, linoleum, and the like, a combination sheet clamping member and cutter mechanism comprising an extended channel member and a cutter carriage provided with rollers engaging the edges of the channel flanges, means for moving the carriage, resilient means for guiding the carriage and retaining said rollers in contact with said flanges, and a cutter adjustably mounted on the carriage.

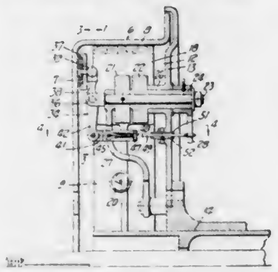
2,065,381
BIFURCATED UNDERGARMENT
Isadore Lawrence Lesavoy, Allentown, Pa.
Application February 4, 1936, Serial No. 62,237
1 Claim. (Cl. 2—224)



A bifurcated under-garment comprising a body portion forming the front, back, sides and the front, outer sides and rear of the legs of the garment, and a crotch portion completing the normally concealed inner sides of the two legs, the body portion consisting of a knitted tubular member initially having a straight lower edge and said lower edge slitted at its front and rear centers along bias lines and spread apart to form V-shaped front and rear notches at diametrically opposite points in the lower edge, said crotch forming portion comprising two similar sections, each of said sections being of quadrilateral form, having two opposing long and two relatively short edges, one of the long edges of each section forming the bottom edge of the inner side of the

associated leg and the other three edges being each cut on the bias with the two short bias cut edges being curved and seamed to the body portion and the long bias cut edge being also curved and seamed to the companion section, the crotch forming portion having wide-spreading pointed ends, each forming an included angle materially greater than 90°, one of the pointed ends being wider than the other, fitting in and seamed to the bias cut lines forming one of the notches and the other pointed end similarly fitting in and seamed to the bias cut lines forming the other notch, whereby the crotch-forming portion is secured to the tubular member by seams all of which extend at angles to the texture of all of the fabric which forms the seams.

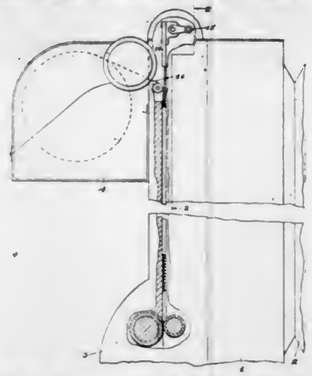
2,065,382
BRAKE
Benjamin Levy, Oakland, Calif.
Application April 8, 1935, Serial No. 15,178
9 Claims. (Cl. 188—140)



9. In a brake of the character described the combination of a rotatable brake drum, a brake shoe movable to engage said drum, manually operable means for so moving said shoe, and means arranged for receiving power from the brake drum on rotation thereof for moving said shoe into engagement with said drum and connected to said manually operable means and set into operation thereby on movement of said manual means to engage said shoe and drum, whereby the operation of said brake will be jointly and simultaneously controlled by said manual means and said second named power means.

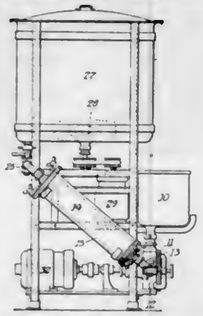
2,065,383
PHOTOCOPY MACHINE
Whitten P. Lloyd and Maxwell H. Hill, Rochester, N. Y., assignors to The Haloid Company, Rochester, N. Y., a corporation of New York
Original application July 19, 1935, Serial No. 32,246. Divided and this application December 13, 1935, Serial No. 54,290
1 Claim. (Cl. 271—2.6)

In a photo copy machine, the combination with a stationary backing plate having a level surface against which paper is fed and having an opening through which the paper is introduced, of a pair of guides independent of the backing plate and extending endwise thereof, each of said guides being L-shaped in cross-section with its short portion located adjacent to the edge of the paper and the edge of said short portion terminating away from the plane of the backing plate and its long portion located over and in close relation to the edge of the paper, said guides extending above and below the aforesaid opening, and means cooperating with said guides at their upper ends beyond the aforesaid opening and operable to adjust them simultaneously toward or from



each other to accommodate paper of different widths.

2,065,384
APPARATUS FOR TREATING EGGS
William L. Lomax, Chicago, Ill.; Frank B. Lomax administrator of said William L. Lomax, deceased
Application February 13, 1934, Serial No. 711,002
6 Claims. (Cl. 210—154)

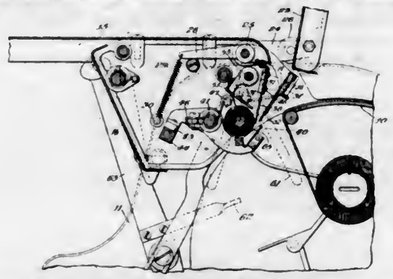


6. Egg filtering apparatus comprising in tandem intercommunicating arrangement a reception vessel, a pump, a cylinder of large capacity having therein a large area filter of foraminous material, and a discharge outlet, said pump being connected on its inlet side to said reception vessel to receive egg material therefrom and including an impeller for breaking up the egg material and for positively impelling it under pressure in excess of atmospheric pressure to and through the filter, whereby a filter of egg meats is built up on said filter and the broken-up egg material is thereafter pressed through said built-up filter by the action of said pump impeller.

2,065,385
ROTARY DUPLICATING MACHINE
Alfred Marchev, La Grange, Ill., assignor to Ditto, Incorporated, Chicago, Ill., a corporation of West Virginia
Application October 11, 1935, Serial No. 44,523
4 Claims. (Cl. 101—132)

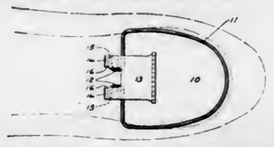
1. In a duplicating machine having a duplicating drum, means to rotate said drum, a paper feed chute for feeding sheets to said drum, and stripping means for stripping sheets from said drum,

paper stop means normally extending across said chute to block passage of sheets through said chute, means for temporarily retracting said paper stop means during rotation of said drum to



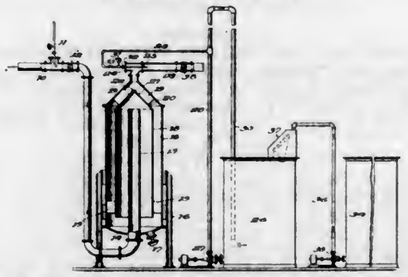
permit feeding of a sheet through said chute, and means to hold said paper stop means in retracted position after its release by said retracting means.

2,065,386
ANTISLIP DEVICE FOR SHOES
John Kristian Mattsson, Skonsberg at Sundsvall, Sweden
Application January 16, 1935, Serial No. 2,108
In Sweden January 20, 1934
5 Claims. (Cl. 36—61)



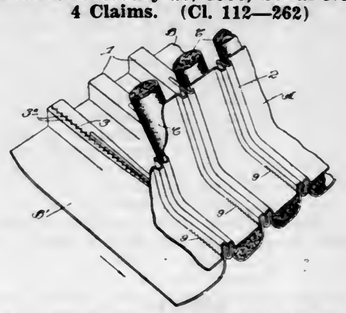
1. An antislip device for shoes comprising a resilient metal heel clamp including curved end portions located in front of the heel, a creeper pivotally and removably mounted between said curved end portions, said creeper being provided with at least one eye in which said end portions engage, said creeper having a plurality of recesses into which the portions of said resilient clamp adjacent the end portions are sprung into engagement so as to removably hold said creeper in operative or inoperative position.

2,065,387
APPARATUS FOR BLEACHING PULP
Mathew F. McCombs and Francis W. Decker, Niagara Falls, N. Y., assignors to Niagara Alkali Company, Niagara Falls, N. Y., a corporation of New York
Application September 5, 1935, Serial No. 39,353
3 Claims. (Cl. 8—2)



1. Apparatus for bleaching pulp with chlorin and providing prolonged and intimate contact of chlorin and pulp, said apparatus comprising means for introducing chlorin at a controlled rate into a flowing mass of pulp, an agitator for causing intimate mixture of the pulp with the chlorin so introduced, a container shell, an unrestricted inlet pipe extending to the upper part of the shell and through which the pulp flows upwardly into the shell, a cylindrical partition within the shell and surrounding said inlet pipe, a frusto-conical top for said partition to direct the flowing pulp downwardly in the annular space between the partition and inlet pipe, said partition terminating above the bottom of the shell to provide an unrestricted passage for the pulp therearound whereby it will flow again upwardly between said partition and shell, said container shell, inlet pipe, partition and top being arranged to form an unrestricted progressively expanding passageway for the pulp, a frusto-conical top on said shell, an outlet pipe communicating with said top, means for injecting neutralizing agent into the mass of pulp emerging into the outlet pipe and a mechanical agitator for causing intimate mixture of the pulp and neutralizing agent and for assisting in moving the pulp through said outlet pipe.

2,065,388
STUFFED PLAITED UPHOLSTERY AND METHOD OF MANUFACTURE
Allister S. Mitchell, Detroit, Mich., assignor to National Automotive Fibres, Inc., Detroit, Mich., a corporation of Delaware
Application February 28, 1936, Serial No. 66,297
4 Claims. (Cl. 112—262)



1. A method of forming upholstery, which comprises: preparing a cover by tacking together in an abutting-edge joint a main cover-portion and a lateral flap portion; forming, while advancing the fabrics, a plurality of nested seam-ridges from said cover and a lining-fabric with the abutting-edge joint embraced in one of the nested seam-ridges; and simultaneously sewing the nested seam-ridges.

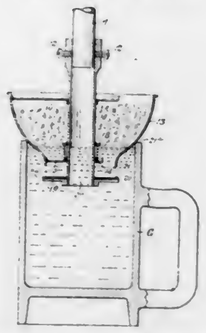
4. Upholstery comprising a series of covers, each consisting of a main cover-portion and a lateral flap-portion tacked thereto in an abutting-edge joint, said covers having seam-portions and intervening plait-fullnesses, one of said seam-portions having said abutting-edge joint embraced therein; and a continuous lining-fabric having seam-portions embracing the seam-portions of said covers and sewed thereto.

2,065,389
CEMENT FOR METALLIC AND CERAMIC CONSTRUCTIONAL PARTS
Artur Möhrle, Stuttgart, Germany, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany
No Drawing. Application May 22, 1935, Serial No. 22,883. In Germany June 20, 1934
6 Claims. (Cl. 106—30)

1. A cement for joining ceramic and metallic materials consisting of a mixture with concen-

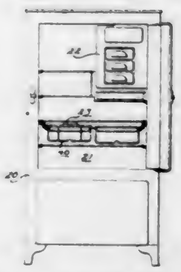
trated water-glass solution of 95 to 99.8% of finely divided alumina and 0.2 to 5% of a silicofluoride.

2,065,390
DISPENSING DEVICE
Balthazar H. T. Mulch, Westwood, N. J.
Application July 26, 1933, Serial No. 682,176
17 Claims. (Cl. 225—8)



1. In an appliance of the class described, the combination with a discharge member, of a movable cup member surrounding said discharge member at its discharge end, means for guiding the cup member upon the discharge member, a flange upon the discharge member for limiting the downward movement of the cup member and adapted to cooperate with the latter to seal the same, the wall of said cup member including an inclined portion which is adapted to be engaged by a vessel to be filled in such manner that the cup member is raised relatively to the discharge member to provide a passage from the upper portion of the vessel into the interior of the cup member, and a spring urging said cup member into closed position as the said vessel is withdrawn.

2,065,391
REFRIGERATING APPARATUS
James J. Nance, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application October 19, 1933, Serial No. 694,281
4 Claims. (Cl. 211—153)

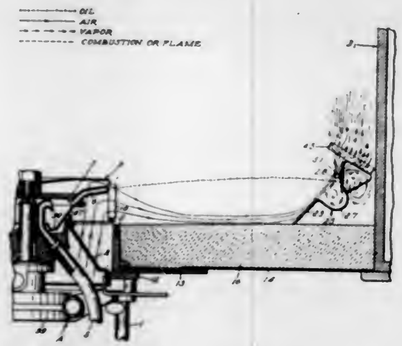


1. A shelf structure including a stationary shelf support member, a slidable shelf support member slidably connected to the stationary member, and a sliding shelf slidably connected to the slidable support member, said slidable member having metal loop portions connecting the stationary member and the sliding shelf.

2,065,392
ENAMELED SHEET METAL AND METHOD OF MAKING SAID SHEET METAL
Rudyard Porter, Minneapolis, Minn., and Raymond B. Saylor, Oakmont, Pa., assignors to American Sheet and Tin Plate Company, a corporation of New Jersey
No Drawing. Application November 27, 1935, Serial No. 51,971
5 Claims. (Cl. 29—18)

1. The method of producing sheet metal for subsequent enameling which includes obtaining a low-metalloid molten metal having not over .08% carbon and .25% manganese, deoxidizing said molten metal, and cold-reducing said metal not less than 30% in thickness.

2,065,393
FUEL BURNING METHOD
Milton A. Powers, Detroit, Mich., assignor, by mesne assignments, to The Timken Silent Automatic Company, Detroit, Mich., a corporation of Michigan
Application June 9, 1934, Serial No. 729,928
3 Claims. (Cl. 158—117.5)



1. A method of combustion consisting of the steps of projecting liquid fuel toward a hot vaporizing surface in the form of large unatomized droplets, without appreciable admixture with air, and with sufficient velocity to carry them into impingement with said surface; and supplying air for combustion into intersection with the projected droplets only in the zone of impingement and vaporization of the liquid droplets on said surface.

2,065,394
PROCESS OF MAKING FORMALDEHYDE
Elton B. Punnett, Buffalo, N. Y., assignor to National Aniline & Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application August 2, 1928, Serial No. 297,090
14 Claims. (Cl. 260—138)

1. In the process of producing formaldehyde by the catalytic oxidation of methyl alcohol, the improvement which comprises oxidizing the methyl alcohol in the vapor phase in contact with a porous contact mass comprising a relatively inert, relatively infusible, rigid, porous carrier impregnated and coated with a mixture of vanadium oxide and an oxide of another metal included within the fifth and sixth groups of the periodic system.

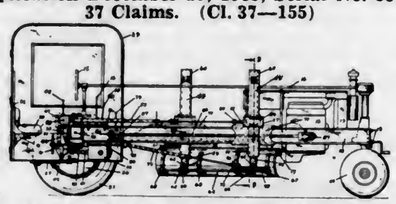
2,065,395
FRACTURED WOOD FIBER PRODUCT
George A. Richter, Berlin, N. H., assignor to Brown Company, Berlin, N. H., a corporation of Maine
No Drawing. Application August 27, 1935, Serial No. 38,062
4 Claims. (Cl. 92—3)

1. A fractured wood fiber product derived from raw wood particles or fragments of an average particle size finer than about 10-mesh, said product consisting of substantially individualized fiber fragments, being substantially free from the ligneous, resinous, and other impurities associated with the raw wood, and having a solution viscosity not greater than 2 C. G. S. units.

2,065,396
CHEMICAL PULPING PROCESS
George A. Richter, Berlin, N. H., assignor to Brown Company, Berlin, N. H., a corporation of Maine
No Drawing. Application March 30, 1936, Serial No. 71,679
6 Claims. (Cl. 92—11)

1. A process of producing pulp from raw cellulosic material, which comprises enveloping such material with an atmosphere of moist sulphur dioxide gas at a temperature of at least about 80° C., removing such enveloping atmosphere from the material, and cooking such material in an alkaline liquor to form cellulose pulp.

2,065,397
POWER GRADER
Adolph Ronning, Minneapolis, Minn.
Application December 19, 1935, Serial No. 55,222
37 Claims. (Cl. 37—155)

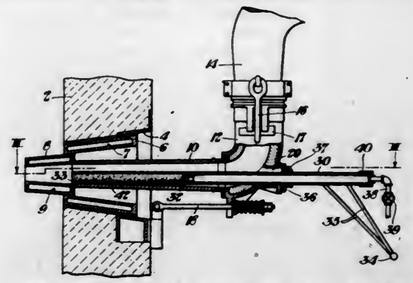


1. The combination with the main frame of a vehicle and an implement disposed thereunder, of a pair of laterally arranged supporting devices slidably associated with the frame for connecting the implement to the frame, and means for selectively or simultaneously adjusting the devices longitudinally of the frame to adjust the working angle of the implement with respect to the direction of travel, and to bodily adjust the implement longitudinally of the machine.

2,065,398
METHOD OF MANUFACTURING ICE CREAM AND THE PRODUCT THEREOF
Warren D. Roth, Leo C. Brown, and Guy W. Phelps, Chicago, Ill., assignors to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
No Drawing. Application November 26, 1934, Serial No. 754,842. In Canada July 21, 1933
16 Claims. (Cl. 99—136)

16. As an article of manufacture a new food product composed of ice cream containing a small percentage of an ester of a polyhydric alcohol and a higher fatty acid being characterized by one or more free alcoholic hydroxyl groups in the polyhydric alcohol part of the ester.

2,065,399
METHOD AND APPARATUS FOR CLOSING TUYÈRES
Michael Ryan, Braddock, and Edwin T. Warren, Munhall, Pa.
Application September 1, 1936, Serial No. 99,000
2 Claims. (Cl. 266—42)



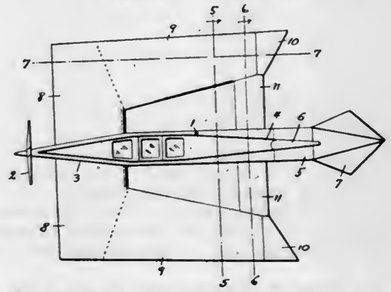
1. The method of removing and replacing tuyères from blast furnaces which consists in continuously forcing clay into a tuyère and its accompanying cooler, so as to fill the tuyère, removing the blow pipe associated with the tuyère, removing the tuyère, forcing clay under pressure into the cooler from which the tuyère has been removed, until the cooler is closed, and then inserting a new tuyère thru the clay in said cooler.

2,065,400
CHLORINATION OF METHYL ETHER AND THE PRODUCTS OBTAINED THEREFROM
Paul L. Salzberg and James H. Werntz, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application May 4, 1933, Serial No. 669,364
8 Claims. (Cl. 260—151)

1. In an improved process of making dichlormethyl ether the step which comprises introducing a gaseous mixture containing methyl ether and chlorine, the chlorine being in excess, into an inert solvent, containing a halogenating catalyst.

6. Unsymmetrical dichlormethyl ether.

2,065,401
AIRPLANE
George Schottroff, Yankton, S. Dak.
Application July 16, 1934, Serial No. 735,472
2 Claims. (Cl. 244—45)



1. An airplane comprising a fuselage, propelling means on said fuselage, lateral and vertical control planes mounted on the rear of said fuselage, wings extending laterally from each side of

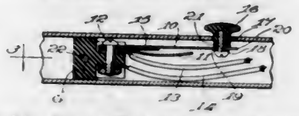
said fuselage adjacent the front portion thereof, side wings secured to each of said laterally extending wings, each of said side wings extending substantially the full length of the fuselage and in spaced relation to the sides thereof throughout the greater part of their length, the inner edges thereof converging toward the front of said fuselage, brace members connecting the rear portions of said side wings to the fuselage, said brace members being substantially perpendicular to said fuselage, the top portions of the laterally extending wings being substantially flat, the under surface thereof being tapered upwardly toward the front edge thereof, the outer portions of the rearwardly extending side wings extending upwardly defining a dihedral angle.

2,065,402
REFRIGERATING APPARATUS
Edmund F. Schweller, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware
Application February 28, 1933, Serial No. 658,956
5 Claims. (Cl. 156—10)



1. A device for preventing the entrance of radiant heat to an enclosure through a window opening therein comprising a flexible backing material, and a sheet of thin embossed metallic foil substantially covering said backing and bonded thereto by an elastic rubber-like material, said sheet of foil being embossed into said elastic rubber-like material whereby said sheet of foil is rendered extremely flexible.

2,065,403
SWITCH EQUIPPED TUBULAR CONSTRUCTION
Frank W. Schwinn, Chicago, Ill.
Application June 1, 1936, Serial No. 82,989
1 Claim. (Cl. 200—157)

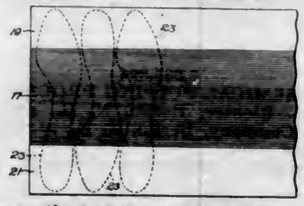


In combination with a tubular member having an opening in the side wall thereof, an electric switch having a push button with a groove in its side surface and insertable to position through said opening, said switch comprising a support and relatively movable contacts thereon insulated from each other and insertable into place in said member through an end of the latter, one of said contacts having a portion which becomes positioned in said groove in the positioning of said switch parts in said member following the positioning of said push button in said opening, for the purpose set forth.

2,065,404
GLASS-TO-METAL SEAL
Howard Scott, Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application July 19, 1934, Serial No. 736,049
8 Claims. (Cl. 49—81)

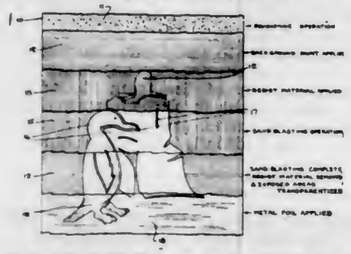
1. A fused joint or seal between a soft glass having an expansivity of from 7 to 12×10^{-6} per ° C. and a strain point of about 350° and an iron-nickel alloy incorporating in excess of 1% of an element which enhances the formation, when heated in air, of a readily fusible surface oxide, said alloy having an inflection temperature which is in excess of the strain point of the glass.

2,065,405
INSOLE AND METHOD OF AND MATERIAL FOR MAKING THE SAME
Arthur C. Sewall, Auburn, Maine
Application October 8, 1935, Serial No. 44,022
9 Claims. (Cl. 12—146)



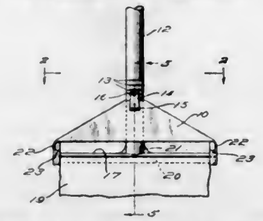
1. The method of forming a plurality of insoles which are uniform in respect to flexibility, having transversely slashed ball portions of material of different flexibility from that of the toe and heel portions, which comprises forming a band of the material of the ball portion of width not less than the length of that portion and of length greater than the combined widths of the plurality of insoles, cementing to one edge of said band the edge of a band of material of the toe portion of width not less than the length of that portion, cementing to the opposite edge of the first mentioned band the edge of a band of material of the heel portion of width at least the length of that portion, operating upon the sheet thus formed to slash the first mentioned band longitudinally thereof, and cutting the insoles from the slashed sheet transversely thereof.

2,065,406
ORNAMENTED GLASS AND METHOD OF PRODUCING SAME
Sebet Silverman, Philadelphia, Pa.
Application May 17, 1935, Serial No. 21,939
9 Claims. (Cl. 41—22)



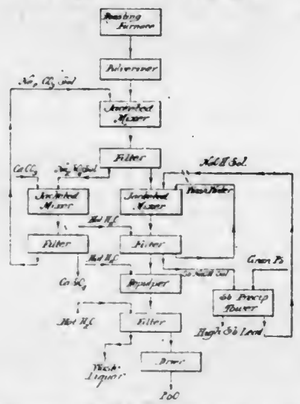
7. A method of decoratively treating a hyaline body which consists in applying a coating of opaque material over the reverse surface thereof, in applying a sand-blast resist material over the said coating, in removing certain portions of said resist material to expose the said underlying coating in the form of a predetermined pattern, in sand blasting the reverse surface of said body to carve therein a design of varying contour within the outline of said predetermined pattern, in transparentizing the sand blasted surface by the application of a varnish coating thereto, and in applying over the contoured surface of the carved design a malleable film of reflecting material, certain portions of which are pressed into the depressions of the carved design whereby to produce a finished design which, when viewed from the obverse surface of the hyaline body, is a composite of the contoured designs carved in the hyaline body and impressed in the reflecting film.

2,065,407
MOP HOLDER
Rudolph Steuernagel, Rossville, Staten Island, N. Y.
Application September 11, 1936, Serial No. 100,338
2 Claims. (Cl. 15—151)



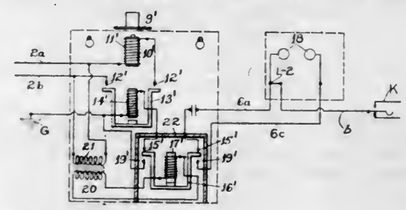
1. A mop holder comprising a member having sockets at the ends open for a portion of their length on one side, a tube in the member, a handle slidably fitted in the tube, means for latching the handle to the tube, a mop bearing rod on the bottoms of the sockets insertable and removable laterally through said open side of the sockets, and a clamp bar carried transversely upon the lower end of the handle and shaped to embrace the mop bearing rod and clamping said mop bearing rod against the bottoms of the sockets.

2,065,408
LEAD PRODUCT
Svend S. Svendsen, Madison, Wis., assignor to Basic Metals Corporation, Chicago, Ill., a corporation of Delaware
Application July 5, 1932, Serial No. 620,962
16 Claims. (Cl. 23—146)



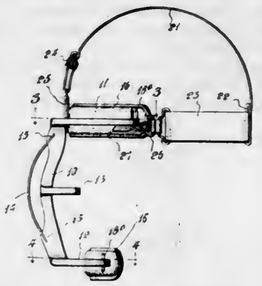
1. The method of producing a lead oxide material substantially completely free from antimony from an oxidic lead material containing antimony and metallic lead which comprises substantially completely removing said metallic lead from said oxidic lead material in aqueous suspension and removing the antimony by dissolution in a caustic alkali solution.

2,065,409
ELECTRICAL SIGNAL DEVICE AND SYSTEM
John H. Wheelock, Fitzwilliam, N. H., assignor to Signal Engineering & Manufacturing Company, New York, N. Y., a corporation of Massachusetts
Application November 10, 1933, Serial No. 697,417
1 Claim. (Cl. 179—84)



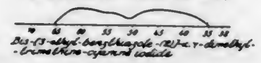
In a telephone system, the combination with a source of ringing current, a telephone ringer at a subscriber's station and a source of commercial power, of a signal device providing a resonant member, a magnetic plunger and an operating solenoid having one terminal connected to said power source, a control winding energizable from said ringing current source to connect the other terminal of said solenoid to said power source, and a second control winding energizable from said power source for maintaining said ringer disconnected from said ringing current source, with each application of ringing current serving to energize said solenoid and cause its plunger to strike the resonant member a single blow, while said ringer remains disconnected from said ringing current source by the continued energization of said second control winding from said power source.

2,065,410
FACE GUARD OR MASK
Peter J. Woloson, Elmira Heights, N. Y.
Application February 18, 1936, Serial No. 64,570
8 Claims. (Cl. 2—9)



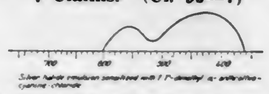
8. In a mask of the character described, a skeleton frame, including a vertical front bar, arcuate temple and chin bars extending transversely of the upper and lower ends respectively of the front bar, arcuate cheek bars extending laterally of the front bar, a head strap carried by the temple bar, a recess formed in the upper and lower ends of the forward side of the front bar, a leaf spring having its ends removably received in the recesses and bulging forwardly of the front bar, the head strap including a crown strap and a band, one end of the crown strap being frictionally retained between the temple bar and pad and link and lug connections between opposite ends of the temple bar and band strap.

2,065,411
SENSITIZING OF PHOTOGRAPHIC EMULSIONS
Walter Zeh and Wilhelm Schneider, Dessau in Anhalt, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
Application July 28, 1932, Serial No. 625,480
In Germany July 28, 1931
8 Claims. (Cl. 95—7)



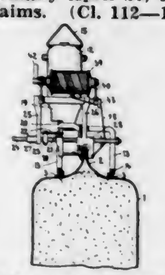
1. A photographic material comprising a silver halide emulsion containing a symmetrical trimethine cyanine substituted symmetrically at the α- and γ-carbon atoms by alkyl.

2,065,412
SENSITIZING OF PHOTOGRAPHIC EMULSIONS
Walter Zeh, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
Application September 15, 1932, Serial No. 633,375
In Germany September 19, 1931
7 Claims. (Cl. 95—7)



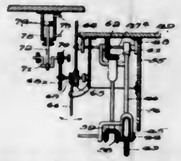
1. A photographic silver halide emulsion containing a dye selected from the group consisting of thiocyanines, thiopseudocyanines and thioisocyanines having fused on the two carbon atoms between the sulfur atom and the nitrogen atom of the thiazole nucleus a nuclear component selected from the group consisting of anthracene, phenanthrene, fluorene, chrysene and acenaphthene.

2,065,413
BAG SEWING APPARATUS
Ernst Zimmermann, Kongen, Germany, assignor to Gummi-Tank A.-G., Rubber Tank Ltd., Glarus, Switzerland
Application April 13, 1933, Serial No. 666,002
In Germany April 20, 1932
15 Claims. (Cl. 112—11)



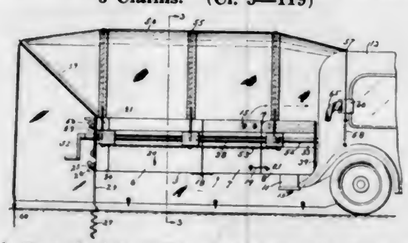
1. A bag sewing apparatus, comprising a frame having a pair of rails adapted to be supported on the top of the filled bag and means located in position, when the frame is placed on the filled bag, for holding the open end of the bag tensioned to bring the sides of the rim together, and a bag sewing apparatus movable on said frame, said sewing apparatus comprising a hook-shaped needle carrying a rockable tongue, a controlling member adapted to be moved into and out of position for acting on said tongue, a motor, a cam disk connected with said motor and adapted to operate said controlling member and crank mechanism connected with said cam for imparting reciprocating movement to said needle.

2,065,414
RETRACTABLE LANDING GEAR
Herbert Luther Adams, Washington, D. C.
Application July 30, 1932, Serial No. 627,089
7 Claims. (Cl. 244—50)



1. A retractable and extendable landing and take-off means for aircraft comprising, a streamlined container disposed lengthwise of and depending from the body of the aircraft, said container having an open bottom, a downwardly swinging door normally closing said open bottom, an elongated support disposed within the container and having one end pivotally mounted therein, said support being adapted to swing by gravity about its pivoted connection and being of a length to project below the container when so swung, a ground engaging wheel secured to the opposite end of the support, means connected with the support intermediate the ends of the latter for normally maintaining the support and wheel within the container and for returning them thereto, and power operated gearing within the container and mounted to swing about a pivot concentric to the pivotal mounting for the support for rotating said wheel.

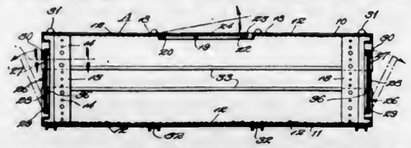
2,065,415
PORTABLE BED FOR VEHICLES
Joseph W. Aderholz, Houston, Tex.
Application September 17, 1935, Serial No. 40,989
3 Claims. (Cl. 5—119)



1. In a device of the class described, a folding bed and tent comprising a bed frame composed of a plurality of sections hingedly connected together, the innermost section being fixedly mounted on the rear end of an automobile, a plurality of blocks slidably mounted in the sides of said bed frame for longitudinal movement thereof, a series of transverse bows supported by said blocks, a canopy extending over and supported by said bows, and screw shafts extending through said blocks and having threaded engagement therewith for moving said blocks longitudinally of said bed frame.

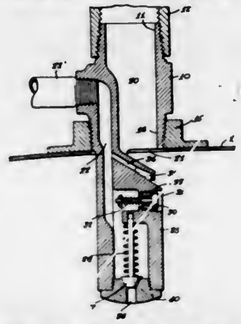
2,065,416
CRATE
Louis L. Albert, West Orange, N. J.
Application October 15, 1935, Serial No. 45,144
3 Claims. (Cl. 220—8)

1. A crate of the kind described having a pair of spaced approximately flat metallic frames carrying wire mesh fabric, corner posts between said frames and having spaced holes, side pieces at two opposite edges of each frame and having holes matching the holes in the posts, fasteners engaged in the holes in the side pieces and selectively engaging holes in the posts for varying



the capacity of the crate, and swinging gates arranged between the frames at a pair of opposite sides of the crate for access to the latter at either of said opposite sides.

2,065,417
PRESSURE, VACUUM, AND TEMPERATURE RELIEF VALVE
Russell B. Allen, Lexington, Mass., assignor to J. W. Moore Valve Corporation, Everett, Mass., a corporation of Massachusetts
Application January 10, 1934, Serial No. 706,094
1 Claim. (Cl. 277—61)

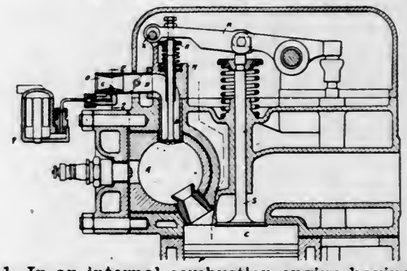


A single fitting of substantially uniform diameter throughout its length for interposition between a boiler and its supply conduit, said fitting having a threaded end for attachment to the supply conduit and a threaded portion intermediate its ends for attachment to the boiler, a large main passage open at the threaded end of the fitting and extending through the side wall thereof just beyond the intermediate threaded portion, a smaller passage extending from the opposite end of said fitting and opening thru the side wall thereof intermediate the threaded portions, said smaller passage having a pressure valve, a vacuum valve and a temperature responsive means mounted therein beyond the threaded portions of the main passage.

2,065,418
WATER-SOLUBLE METAL COMPLEX COMPOUNDS OF THE IMIDAZOLE SERIES
Hans Andersag, Wuppertal-Elberfeld, and Heinrich Jung, Wuppertal-Vohwinkel, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application July 23, 1932, Serial No. 624,360. In Germany July 29, 1931
10 Claims. (Cl. 260—11)

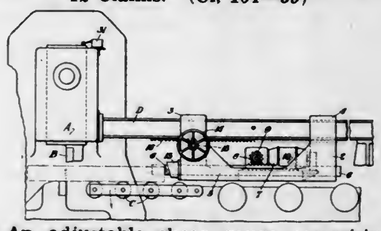
2. Complex compounds in which a radical of a heavy metal selected from the group consisting of gold, silver, mercury and copper, is connected to the imide group of an imidazole which is combined with an aromatic nucleus containing at least one substituent capable of forming salts, said complex compounds yield in the form of their neutralized salts about neutrally reacting aqueous solutions which are suitable for injection purposes and display a therapeutic activity in the treatment of infectious diseases.

2,065,419
INTERNAL COMBUSTION ENGINE FED WITH HEAVY FUELS
Albert Bagnulo, Courbevoie, France
Application February 13, 1933, Serial No. 656,602
In France March 2, 1932
4 Claims. (Cl. 123—32)



1. In an internal combustion engine having at least one cylinder provided with piston, in combination, a single chamber having hot walls for the vaporization and combustion of fuel therein, said chamber being mounted on the cylinder and connected with the interior thereof through a restricted opening, a fuel feeding device for this chamber comprising a pipe open to atmospheric air and at least one spraying nozzle located in said pipe and delivering a liquid fuel, the said nozzle being adjusted so that there is formed in said pipe a rich non-explosive mixture of fuel and air, a valve controlling the intercommunication between the pipe and the chamber and controlled for opening within the downward piston stroke whereby the mixture is supplied to said chamber under the sucking effect of partial vacuum in the cylinder during a portion of the said downward stroke, means for quantitatively controlling the mixture passing through the pipe, means for converting the rich mixture in the chamber into an explosive working charge comprising a valve on the cylinder for sucking therethrough a mass of atmospheric air during a further portion of the downward stroke of the piston, this mass being forced into the said chamber during the upward stroke of the piston, and means for igniting the said working charge in the chamber.

2,065,420
ADJUSTABLE SHEAR GAUGE
Herbert G. R. Bennett, Duquesne, Pa.
Application May 11, 1936, Serial No. 79,153
12 Claims. (Cl. 164—59)



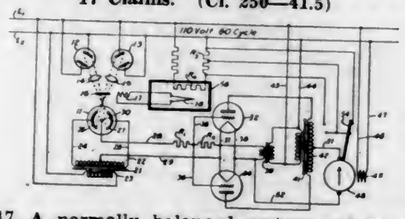
1. An adjustable shear gauge comprising a housing, a support for said housing, a stop car-

ried by said housing, a work engaging member concentric with said stop and movable on said housing, means permitting said work engaging member to adjust the work to a correct shearing position, and means adapted to automatically withdraw said work engaging member from contact with the work.

2,065,421
ELECTRICAL MEASURING AND REGULATING SYSTEM

Henry L. Bernarde, Kearny, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application July 1, 1932, Serial No. 620,387
17 Claims. (Cl. 250—41.5)

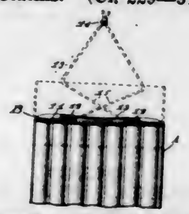


17. A normally balanced system unbalanced upon change in magnitude of a measured condition, structure adjustable to rebalance said system, a motor for adjusting said structure having windings energized from a source of alternating current, a photo-cell, luminous electrodes connected to said source for alternately providing beams of light, one or the other of which depending upon the sense of unbalance of said system is transmitted to said photo-cell, and means for amplifying the output of said photo-cell to supply current to the other motor winding whose phase relation with respect to the current in the first winding is determined by the unbalance of said system to effect rotation of said motor in a sense to restore balance.

2,065,422
PACKAGE OR CARTON OPENER

James P. Bolt, High Point, N. C.

Application June 26, 1936, Serial No. 87,529
2 Claims. (Cl. 229—51)



1. The combination of a package having sealing flaps joined with each other and closing the end thereof, a relatively stiff plate within the package and backing the sealing flaps when joined together and sealing the end of said package, a pull loop engaged with said plate and having a portion exposed exteriorly of the closed end of the package for permitting a manual pull upon the said loop to extract the plate from the closed end and the opening of the latter completely, the said plate being of a shape corresponding to the internal cross-sectional area of the said package and conforming to the closed end thereof, and a cord loosely trained through the plate and constituting the loop with stretches of said cord extended outwardly from between the sealing flaps at the closed end of the package.

2,065,423
BORDER FOR MATTRESS INNER SPRING UNITS

Edward L. Bronstien, St. Paul, Minn.

Application March 1, 1933, Serial No. 659,062
1 Claim. (Cl. 5—260)

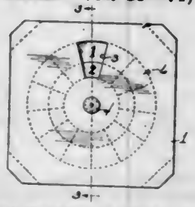


In combination with an inner spring mattress unit composed of substantially circular coil springs connected together in adjacent rows and constituting the body portion of the inner spring unit, a surrounding marginal spring portion consisting of a row of relatively narrow, elongated coil springs, comprising top, bottom, and intermediate inter-connecting coils, with the inner sides of the coils, both the top, bottom, and intermediate coils standing in substantial alinement; and with the inner sides of said coils all standing parallel with the outer sides of the coils and with the inner, relatively long sides of said marginal coils positioned in substantially contacting engagement with adjacent inner coils, helical springs encircling the inner long sides of the marginal coils of the top and bottom coils, the inner long sides of the top and bottom marginal coils and the encircling helical spring being in vertical alinement with the inner sides of the intermediate long inner sides of the connecting marginal coils.

2,065,424
EDUCATIONAL DEVICE

Howard D. Brubaker, Wilcox, Pa.

Application October 22, 1935, Serial No. 46,181
1 Claim. (Cl. 35—74)



An educational device comprising a casing including opposite flexible side walls each having a window, a rotor journaled between said walls and including relatively movable annular sections, one grooved to frictionally receive the other whereby one section may be rotated while the other section is held stationary by the flexing of the walls thereagainst, said annular sections bearing numerals any of which may be brought into view through the windows, and a finger piece secured to one of the sections.

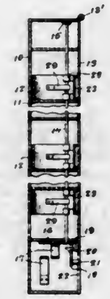
2,065,425
MECHANICAL BALLOT

Don Byrd, Franklin, W. Va.

Application April 15, 1935, Serial No. 16,469
4 Claims. (Cl. 235—51)

2. Voting apparatus comprising a casing provided in the back wall with plunger receiving

openings, a hinged door closing the front of the casing, division walls forming compartments in the casing, parallel rods connected together at the top and at the bottom and slidably projecting through the walls, slides representing candidates disposed on the rods in the compartments, leaf springs on the slides frictionally engaging the rods, a spring catch on the inside of the door,

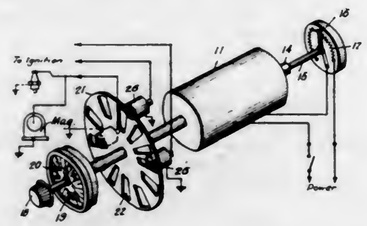


a keeper for the catch connected to the rods and having a handle projecting through an opening in the door, manual movement of the keeper away from the catch moving the rods to dispose all of the slides in register with said openings, and springs for moving the rods to reset all the slides in neutral position away from said openings, said slides being manually movable selectively on the rods to seal said openings.

2,065,426
ELECTRICAL INDICATOR AND TACHOMETER

Walter H. Campbell, Osborn, Ohio

Application December 24, 1934, Serial No. 759,077
1 Claim. (Cl. 177—311)

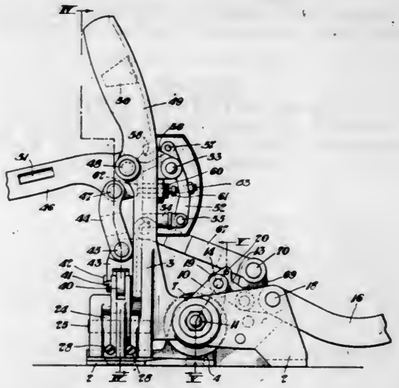


In a device for synchronizing gas engines, a panel, an electric motor, a bracket supporting the electric motor upon the rear of the panel, an armature for the motor, an elongated hollow shaft for the armature, an inner shaft rotatably mounted in the hollow shaft, a contact arm carried by the inner shaft, a rheostat mounted on the inner shaft at the rear of the motor, said inner shaft projecting through the front of the panel, a knob on the front end of the inner shaft by means of which said contact arm may be moved upon the rheostat to regulate the motor speed, a magnetic tachometer connected to the hollow shaft in rear of said knob and exposed through an opening in the panel, a stroboscopic disk fixed on the hollow shaft in rear of the tachometer and provided with a circular series of openings, the panel being formed with a plurality of similar openings with which the first named openings are adapted to register when the disk is rotated, hoods mounted on the rear of the panel at respective ones of the openings in the panel, hoods mounted on the motor and aligning with the hoods on the panel, lamps in the hoods on the motor, the hoods of the panel and the hoods of the motor being spaced apart sufficiently to receive said stroboscopic disk between them, and terminals for the lamps adapted to be connected with ignition devices of respective gas engines.

2,065,427
BOX BAND STRETCHING AND SEALING TOOL

Clarence O. Carlson, East Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey

Application November 22, 1934, Serial No. 754,327
2 Claims. (Cl. 81—9.1)



1. A tool including the combination of a base on the top of which overlapped ends of package strapping may be placed, mechanism for interfastening said ends, said mechanism being mounted to move toward and from said base, a toothed wheel mounted above said base to move toward and from the same so that it may engage or disengage the top one of said ends, means responsive to movement of said mechanism toward said base for effecting movement of said wheel toward the same and to movement of said mechanism from said base for effecting movement of said wheel from said base, means for revolving said wheel to move the top one of said ends when said wheel is engaged therewith and means for preventing movement of the bottom one of said ends when said top one is so moved.

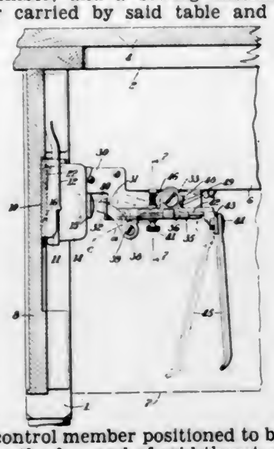
2,065,428
ELECTRIC SEWING MACHINE CABINET

Daniel H. Chason, Elizabeth, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey

Application August 17, 1935, Serial No. 36,681
7 Claims. (Cl. 311—16)

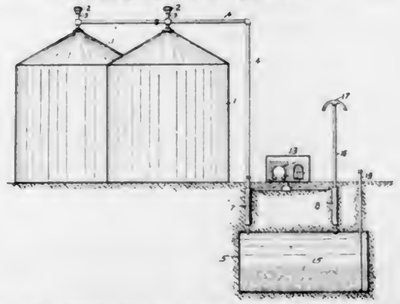
2. The combination with a sewing machine cabinet, of a knee-shift lever pivotally carried by said cabinet, a thrust-member pivotally connected at one end to said knee-shift lever, a stationary guide for and between the ends of said

thrust-member, and a sewing machine motor-controller carried by said table and having a



movable control member positioned to be engaged directly by the free end of said thrust-member.

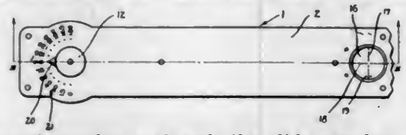
2,065,429
VAPOR RECOVERY SYSTEM
Kenneth S. Clapp, Shaker Heights, Ohio
Application June 24, 1935, Serial No. 28,049
8 Claims. (Cl. 62—122)



1. In combination with a storage tank for petroleum products, a vapor recovery system comprising: a subterranean container, a conduit for conducting vapor from the tank to the container, a vent to the atmosphere from the container, said conduit and vent being so arranged as to permit flow of gases from or into said storage tank through the container and vent, refrigerating means arranged in heat transfer relation to the conduit, the container, and the vent for cooling the vapor, the condensate being collected and retained in the container.

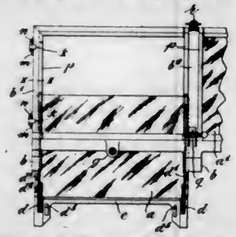
2,065,430
OPHTHALMIC INSTRUMENT
Jacob Robinson Cohen, New York, N. Y.
Application October 27, 1934, Serial No. 750,344
2 Claims. (Cl. 88—20)

1. In a device of the character described, a relatively long and narrow slide member formed of superimposed plates having aligned openings adjacent one end thereof, a ring member rotatably mounted in alignment with the openings between the plates, a transparent plate mounted in said ring member having test characters thereon, manually operable means pivoted to said slide member adjacent its end opposite the aligned openings, means for transmitting the pivotal movement of said pivoted member to the ring member, and means associated with said



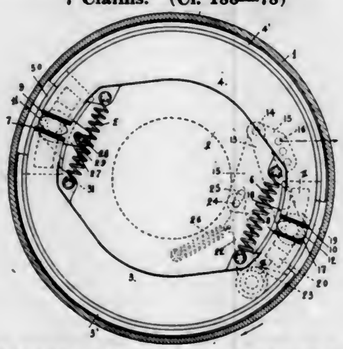
pivoted member and with the slide member for indicating the extent of the movement of said pivoted member and transparent plate.

2,065,431
SLIDING WINDOW
Ernest William Cotter, South Croydon, England, assignor to J. Stone & Company Limited, Deptford, England, a company of Great Britain
Application April 14, 1936, Serial No. 74,366
In Great Britain May 8, 1935
1 Claim. (Cl. 20—52.2)



In a sliding window, and in combination, a frame comprising channel guides for a slidable glass said guides having removable side walls to facilitate removal of the glass, and rack-and-pinion mechanism operative for effecting sliding movements of said glass, said mechanism comprising a rack disposed inwardly of the removable walls of said guides and made in two parts hingedly connected together, whereby a rack part can be swung clear of the glass to permit it to be removed from the frame while the other rack part retains mesh with its pinion.

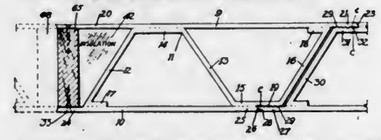
2,065,432
BRAKE FOR AUTOMOBILES
Eugène Delay, Vincennes, France
Application September 16, 1935, Serial No. 40,829
In France May 8, 1935
7 Claims. (Cl. 188—78)



1. A brake for automobiles comprising a drum, a stationary plate, shoes supported by said stationary plate, brake control linkage for applying

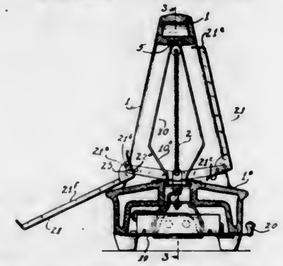
the shoes, said shoes extending altogether substantially over the whole circumference of said drum and bearing against the brake drum when the shoes are applied, said shoes being drawn along in rotation by said brake drum causing an increase in the power of the grip, a check cam separate from the applying linkage for adjustably limiting the drawing along of the brake shoes, said check cam being pivoted on said stationary plate, and the positioning of the check cam being a function of the magnitude of the movement caused to the linkage.

2,065,433
BUILDING CONSTRUCTION
Hermann Dercum, Willoughby, Ohio, and Athanas P. Dodani, Detroit, Mich.
Application December 1, 1934, Serial No. 755,616
28 Claims. (Cl. 72—16)



1. A building wall comprising the combination of parallelly spaced supports, a preformed panel composed of webbing and facing sheets disposed on opposite sides of said webbing extending obliquely to and fro therebetween, the top and bottom ends of each of said facing sheets projecting beyond the correspondingly located ends of said webbing, the latter being of the same depth as the width of said supports and located therebetween and means for attaching said sheet ends to opposite sides of the plates.

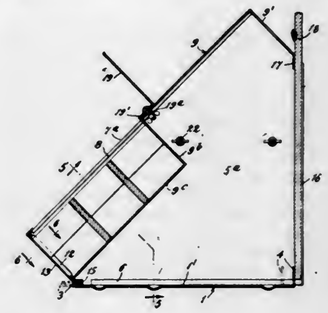
2,065,434
ELECTRIC TOASTER
George Eaton, Cleveland, Ohio
Application March 10, 1930, Serial No. 434,784
14 Claims. (Cl. 219—19)



1. An electric toaster comprising a completely formed, one-piece frame of porcelain or the like adapted to toast bread upon opposite sides of the frame, means for attaching an electric resistance element thereto, bread-supporting means mounted upon opposite sides of said frame for adjustment with respect to said resistance element, and a single means attached to said frame for mounting of said bread-supporting means.

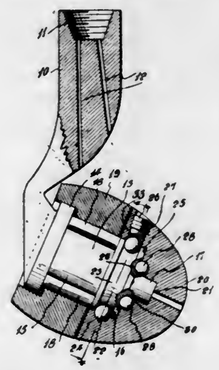
2,065,435
KNOCK-DOWN DISPLAY DEVICE FOR BOTTLED BEVERAGES
Robert C. Entwistle, Flushing, N. Y., assignor, by mesne assignments, to Charles E. Culpeper, Norwalk, Conn.
Application June 26, 1935, Serial No. 28,448
3 Claims. (Cl. 211—71)

1. knock-down display device for bottled beverages embodying, in combination, a pair of side wall members, each provided at its upper edge with an interlocking member, a single transverse slide member composed of a top section extending along a part of the length of said sides in one plane and provided at opposite edges with interlocking members engageable in erected position with the interlocking members on the upper inclined edges of said side members, an intermedi-



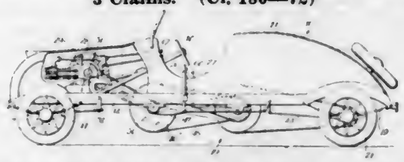
ate section depending from and extending at an angle to the top section, and a box-bottom section connected with said intermediate section and extending along another part of said sides at a plane parallel to and below the plane of said top section, means for supporting said box-bottom section, and a front end member also connected to said side members.

2,065,436
ROTARY DRILL BIT
Cecil W. Ervin, Ada, Okla.
Application February 4, 1936, Serial No. 62,338
3 Claims. (Cl. 255—71)



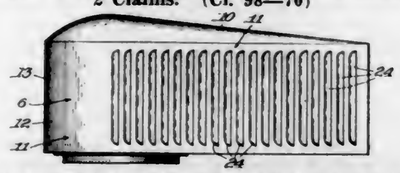
1. A tool of the class described, having a rotatable body, a shank extending inclinedly therefrom, said shank having a cylindrical portion and spaced shoulders, bearings about said portion and engaging said shoulders, a ring cutter disposed over said bearings, and a conoid cutter mounted on the shank independently of the ring cutter and located relatively close thereto, a race member providing one of said shoulders, said race member and conoid cutter having registering races, said conoid cutter having an opening leading to said races, bearings in said races insertable through said opening, and means to contact the bearings and close said opening.

2,065,437
MOTOR VEHICLE
Alfred J. Ewens, Kenosha, Wis.
Application September 14, 1935, Serial No. 40,650
3 Claims. (Cl. 180—72)



1. A light weight motor vehicle comprising a chassis frame having front and rear wheels thereon, a light weight motor mounted adjacent the front wheels on said chassis frame, said motor having a motor shaft, a power shaft and a countershaft each journaled in said chassis frame, a small diameter pulley wheel on said power shaft, an endless belt connecting said motor shaft to said small diameter pulley wheel to transmit power from said motor to said power shaft, a large diameter pulley wheel on said power shaft, a small diameter pulley wheel rotatably mounted on said countershaft, an endless belt connecting said last two mentioned pulley wheels for transmitting power to said countershaft in a forward direction to rotate said countershaft faster than said power shaft, a large diameter pulley wheel on said countershaft and a small diameter pulley wheel on the rear axle to the rear wheels, an endless belt carried by said last two mentioned pulley wheels, whereby the speed of rotation of the rear wheels relative to the motor shaft is multiplied, another small diameter pulley wheel on said power shaft and an intermediate diameter pulley wheel rotatably mounted on said countershaft, a twisted endless belt connecting said last two mentioned pulley wheels for transmitting power to said countershaft in a reverse direction to rotate said countershaft slower than said power shaft, a clutch mechanism on said countershaft between said two pulley wheels rotatably mounted thereon and a cam mechanism on said countershaft selectively engaging the clutch mechanism of either rotatably mounted pulley wheel to operate the countershaft and transmit power to the rear wheels.

2,065,438
VENT HEAD
Robert G. Ferris, Harvard, Ill., assignor to Starline, Inc., Harvard, Ill., a corporation of Illinois
Application March 25, 1935, Serial No. 12,955
2 Claims. (Cl. 98—70)

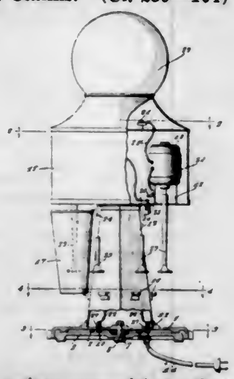


1. A vent head having an opening at its bottom, a vertical plane of the greatest length of the head intersecting a vertical plane of the greatest width thereof producing a line of intersection substantially coincident with the longitudinal axis of said opening, the head tapering rearwardly, its rear portion being longer than its forward portion the side walls of the rearwardly extending portion of the head having louvers presenting openings therebetween elongated at angles to the horizontal the forwardly extending side walls of the head being imperforate.

2,065,439
CONSTRUCTIONAL MATERIAL
Albert C. Fischer, Chicago, Ill., assignor to The Philip Carey Manufacturing Company, a corporation of Ohio
No Drawing. Original application August 15, 1927, Serial No. 213,189. Divided and this application November 19, 1932, Serial No. 643,546
2 Claims. (Cl. 91—68)

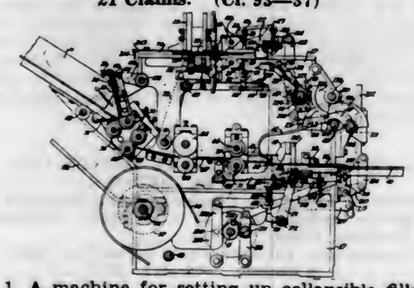
1. Constructional material comprising a vehicle saturated with bituminous saturant containing a solvent and coated with a slow-drying, tacky substance.

2,065,440
ELECTRICAL MIXER
Julius Flaum, New York, N. Y.
Application December 9, 1935, Serial No. 53,660
2 Claims. (Cl. 259—104)



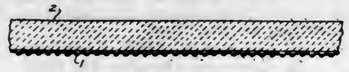
1. A drink mixer comprising a base, said base being formed of two parts one rotatably mounted on the other, a flange extending from and integral with said base, a hollow supporting column mounted within said flange, a casing secured to said column, a plurality of electric mixing motors supported in said casing, circular contact rings carried by said base, and means extending through said column for connecting said rings with said motors for operating the same upon contact of a mixing cup with a switch.

2,065,441
METHOD AND APPARATUS FOR MAKING CONTAINERS
George F. Ford, Beverly Hills, and Walter F. Pittman, Huntington Park, Calif., assignors to Fibreboard Products Inc., San Francisco, Calif., a corporation of Delaware
Application September 18, 1935, Serial No. 41,074
21 Claims. (Cl. 93—37)



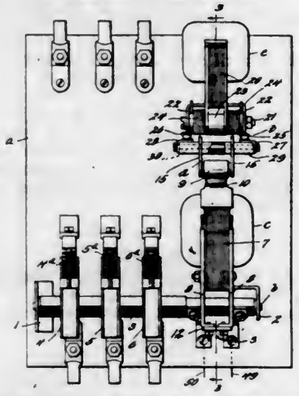
1. A machine for setting up collapsible fillers having partitions and placing the same in cartons, comprising means for setting up a filler and erecting its partitions, means for holding a carton, and means for positioning the erected filler in the carton.

2,065,442
PRINTER'S BLANKET
Abraham L. Freedlander, Dayton, Ohio, assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio, a corporation of Ohio
Application September 4, 1934, Serial No. 742,573
3 Claims. (Cl. 154—54.5)



1. In a printer's blanket, a woven fabric backing pre-shrunk to prevent stretching in completed form, and an oil and ink resisting coating thereon.

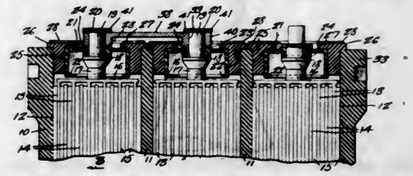
2,065,443
ALTERNATING CURRENT SWITCH MECHANISM
Joseph F. Frese, Baltimore, Md., assignor to Monitor Controller Company, Baltimore, Md., a corporation of Maryland
Application June 19, 1934, Serial No. 731,351
4 Claims. (Cl. 200—98)



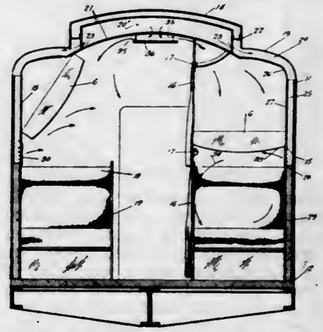
1. Alternating current switch mechanism comprising a switch, a main magnet having a pivoted armature movable by said magnet to close the switch, a pivoted latch adapted to engage and lock said armature in its switch-closing position, a holding magnet having an armature, pivoted independently of the latch, adapted to move the latch into the locking position when the magnets are energized and out of locking position when the holding magnet is de-energized, and a switch operated by said latch for opening the circuit of the main magnet when the latch is moved to locking position.

2,065,444
STORAGE BATTERY
Augustine George Nelson Gallant, Wilmington, Mass.
Application October 23, 1934, Serial No. 749,600
3 Claims. (Cl. 136—170)

1. In a storage battery comprising a case divided by partitions into separate cells, groups of interleaved positive and negative plates with interposed separators located within each cell, cross bars connecting the plates of the respective groups, an upstanding post carried by each cross bar and having an outwardly extending enlarged portion and a reduced upstanding stem, a cover member conforming in shape to the cell and of less dimensions than the cell, the cover member being formed with openings for the passage of said stems and seating upon the enlarged portion of the posts, a frame plate secured to the case, and a gasket of rectangular-frame form the vertical cross section of which is T-shaped, said gasket having flanges compressed between the frame plate, the case and the cover member, said gasket having a wedge-shaped web compressed into the space between the cover member and the confronting walls of the cell.



2,065,445
AIR DISTRIBUTING SYSTEM
Henry L. Galson, Philadelphia, Pa., assignor to Baldwin-Southwark Corporation, a corporation of Delaware
Application September 22, 1932, Serial No. 634,407
6 Claims. (Cl. 98—5)

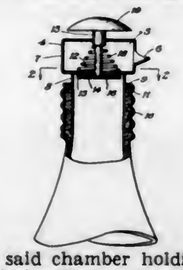


2. A system for distributing air in railway cars comprising, in combination, means for directing a supply of air upwardly into the car from an intermediate position at the sides of the car, and means for directing a countercurrent of air into the car from near the top thereof.

2,065,446
BOTTLE STOPPER VALVE
Frank J. Gargano and Jack Nadler, Brooklyn, N. Y.
Application March 25, 1935, Serial No. 12,979
1 Claim. (Cl. 215—78)

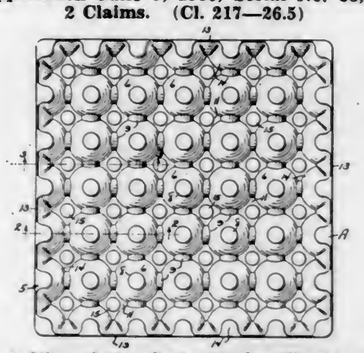
A device of the character described comprising a pouring chamber having a discharge orifice and a lip adjacent the lower edge of the orifice, a sleeve depending from said chamber and being flanged for engagement with the neck of a bottle and when in operative position maintains the pouring chamber above the neck of the bottle, said chamber having an opening in its bottom to permit liquid to flow into the chamber from a bottle, a valve disc normally seated against said opening and substantially parallel with the discharge end of

the bottle, a stem secured to said disc and extending upwardly thru and above said chamber and guided therein, and a coil spring around said



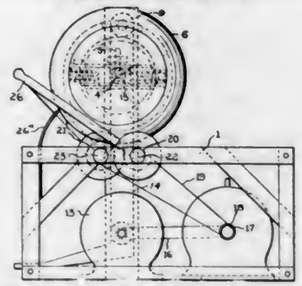
stem and in said chamber holding said disc in position for closing the mentioned opening in the bottom of the chamber.

2,065,447
EGG CASE FILLER
Renfrew W. Gates, Gainesville, Fla.
Application June 5, 1936, Serial No. 83,805
2 Claims. (Cl. 217—26.5)



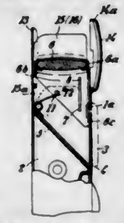
1. A filler of the character described comprising a fibrous sheet-like body, truncated hollow cones struck from said body and arranged in rows having definite spacing therebetween and forming reversely opened areas, open-top cushions struck from said body between the cones, and bearings struck from said body to be disposed medially of certain of said spaces or areas.

2,065,448
TIRE TRIMMING DEVICE
James A. George, Brackenridge, Pa.
Application February 10, 1936, Serial No. 63,207
4 Claims. (Cl. 82—1)



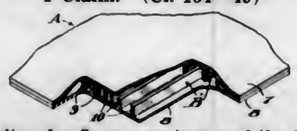
1. Apparatus for trimming rubber tires comprising a vertically adjustable rotatable support for mounting the tire to be trimmed, a plurality of cutter heads shaped to the contour desired to be produced on the surface of the tire rotatably mounted beneath the tire support, a common drive mechanism for driving the tire and cutter heads in opposite directions, and means for moving the cutter heads from opposite sides into cutting engagement with the periphery of the tire.

2,065,449
CAMERA
Leo Goldhammer, Munich, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
Application October 9, 1934, Serial No. 747,632
In Germany October 12, 1933
6 Claims. (Cl. 88—1.5)



1. In a folding camera in combination, a camera casing having a back wall and a front wall, a mirror inclined by 45° to said front wall and said back wall and fixedly connected to said walls, an objective lens mounted in said front wall in front of said mirror at a fixed distance from the latter for focussing an object to be photographed on said mirror, an eye lens having a diameter substantially equal to the width of said camera casing arranged at focussing distance from said mirror, and means for sliding said lens into said camera casing.

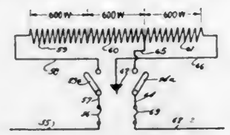
2,065,450
PADDING FOR CARPETS AND THE LIKE
Peter Gordon, Venice, Calif.
Application September 4, 1935, Serial No. 39,104
1 Claim. (Cl. 154—49)



A padding for floor coverings and the like comprising a pair of spaced resilient non-porous membranes, a series of spaced parallel ribs integral with each of said membranes on the side thereof presented toward the other membrane, the ribs on one membrane paralleling the ribs of the other membrane and extending therebetween in close spaced relation thereto and seating on the opposed membrane; said membranes being united at their edges to enclose dead air spaces between adjacent ribs.

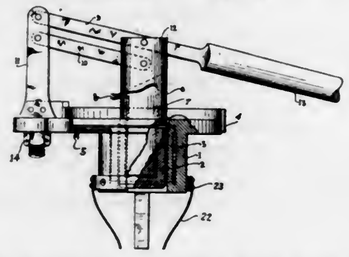
2,065,451
ELECTRIC HEATING CIRCUIT CONTROL
Charles L. Goughnour, York, Pa.
Original application February 3, 1930, Serial No. 425,658. Divided and this application August 16, 1933, Serial No. 685,469
4 Claims. (Cl. 219—20)

4. In an electric heater, an electric circuit with a resistance element in the circuit including a lead-in wire connected with one end of the resistance element, a second lead-in wire connected with the resistance element intermediate its ends, a neutral wire forming a common return for the



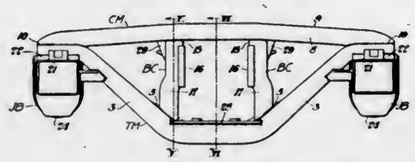
lead-in wires connected to the other end of the resistance element, and a single-throw switch in each lead-in wire.

2,065,452
DEVICE AND METHOD FOR MAKING CONFECTION COVERS
Charles G. Hall, Caldwell, Idaho, assignor to Edible Bottle Company, a corporation of Idaho
Application May 14, 1935, Serial No. 21,469
4 Claims. (Cl. 93—51)



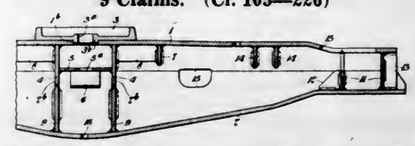
2. A method of forming a fluid tight jacket for containers which consists in first forming the container from a single piece of wax coated star shaped material, then closing the points of the star into edge contacts with each other, then applying heat to the inside and the outside of the points simultaneously.

2,065,453
CAR TRUCK SIDE FRAME
Karl R. Hammerstrom, Dormont, Pa., assignor to Railroad Research Bureau of the Subsidiary Manufacturing Companies of the United States Steel Corporation
Application August 2, 1935, Serial No. 34,450
5 Claims. (Cl. 105—206)



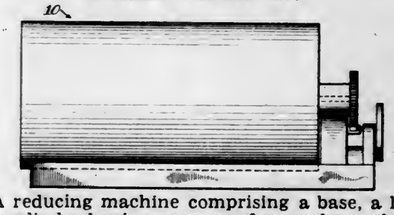
5. A car truck side frame including a compression member, a tension member, and bolster columns, said tension member being made of a rolled steel plate worked into a channel section of appropriate contour with flanges that upstand throughout its length and a web that is flat at least at the journal box connecting and middle portions of said tension member, portions of said web gradually changing into inverted channel sections between said journal box connecting and middle portions which reach maximum depths at positions at least adjacent said bolster columns.

2,065,454
CAR TRUCK BOLSTER
Karl R. Hammerstrom, Dormont, Pa., assignor to The Railroad Research Bureau of The Manufacturing Companies of The United States Steel Corporation
Application October 14, 1935, Serial No. 44,976
9 Claims. (Cl. 105—226)



9. A car truck bolster including inverted and upright channel sections having the edge portions of their respective flanges arranged together and interfastened by welding, said inverted channel section having a widened central portion and said upright channel section progressively deepening from its ends to its center and having its flanges shaped to accommodate said widened central section of said inverted channel section.

2,065,455
REDUCING MACHINE
Chester Arthur Harbert, Jennings, La.
Application August 17, 1935, Serial No. 36,725
1 Claim. (Cl. 128—33)



A reducing machine comprising a base, a hollow cylinder having one open face and one closed face, roller means carried by the base at one end thereof, said roller means suppporting the hollow cylinder adjacent its open end, a shaft secured to the closed end of the cylinder, a bearing support for said shaft carried by the end of the base opposite that carrying said roller means, means for reciprocating said shaft to reciprocate said cylinder about its longitudinal axis, said reciprocating means comprising a gear secured to the end of the shaft, a toothed rack meshing with said gear, a bed carried by said base supporting said rack, and a motor and crank connected to said rack for imparting a reciprocating motion thereto.

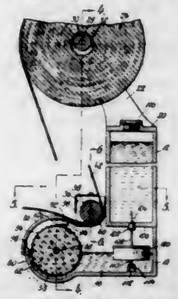
2,065,456
SOUND DAMPING DEVICE FOR MICROPHONES
Jack A. Hayenga and Frank E. Brooks, Yakima, Wash., assignors of one-half to Richard O. Bohannon, Yakima, Wash.
Application February 13, 1936, Serial No. 63,793
7 Claims. (Cl. 181—33)



7. A device of the class described comprising a casing in one end of which a microphone is

adapted to be positioned, skeleton frames within said casing disposed transversely thereof, sound absorbing material laced in said frames and forming convolutions, the convolutions of one frame being angularly disposed with respect to the convolutions of the other frame, alternate convolutions at the sides remote to the microphone receiving end being closed by sound absorbing material.

2,065,457
PAPER DISPENSER
Harold M. Herman and Ruben G. Horwitz, Chicago, Ill.
Application September 23, 1935, Serial No. 41,817
5 Claims. (Cl. 91—51)



1. In a paper dispenser, a wetting roll, means co-operating with the wetting roll for applying a medicament thereto, means for supporting a roll of paper and guiding the same into wetting proximity with the wetting roll, said wetting roll being rotatably mounted within a housing having an opening, a door movably connected with the housing for closing the opening, to prevent the paper from contacting the wetting roll during the closed position of the door, and means co-operating between the door and the wetting roll for rotating the latter when the door is opened.

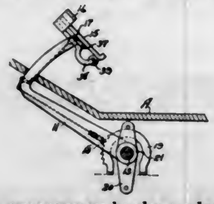
2,065,458
MEANS FOR ATTACHING SUNSHADE GLASSES TO SPECTACLES
Posie L. Hines, Roanoke, Va.
Application March 27, 1936, Serial No. 71,306
7 Claims. (Cl. 88—41)



1. In combination with an anti-glare lens, and a frame for said lens, a mounting clip for said lens and comprising a shank, a depending bill at one end of said shank, a U-shaped member depending from said shank intermediate the length thereof and having one arm in spaced and confronting relation to said bill whereby an eye-glass lens may be gripped between the bill and said arm, the other end of said shank being secured to the frame of the anti-glare lens to mount the clip thereon with the clip extending rearwardly from the anti-glare lens and the U-shaped member in position to engage between the anti-glare lens and an eye-glass lens to maintain the anti-glare lens spaced from the eye-glass lens.

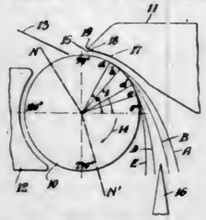
2,065,459
SERVICE AND EMERGENCY BRAKE CONTROL
Henry K. Jenkins, Andover, Mass.
Application February 4, 1936, Serial No. 62,370
2 Claims. (Cl. 74—478)

1. In a control of the character described a pair of pedals, one being adapted for operation of service brakes and the other for operation of emergency brakes of a motor vehicle, foot stirrups carried by said pedals, the foot stirrup of the service brake pedal being overlapped with relation to the stirrup of the emergency brake pedal, means swingingly connecting the stirrup for the service brake pedal therewith, the stir-



rup for the emergency brake pedal being fixed, a rack between the pedals, means controlled by the stirrup of the service brake pedal for the latching of the emergency brake pedal with said rack, and means regulated by the service brake pedal for effecting the operation of the emergency brake pedal to actuate the emergency brake in advance of the application of the service brakes when operated by the service brake pedal.

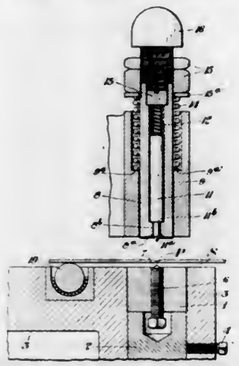
2,065,460
MAGNETIC SEPARATION
Fred R. Johnson, Hamburg, N. Y., assignor to The Exolon Company, Blasdell, N. Y., a corporation of Massachusetts
Application May 20, 1933, Serial No. 671,995
6 Claims. (Cl. 209—214)



1. The method of magnetically separating a grain stream composed of a mixture of feebly magnetic particles and relatively non-magnetic particles, which comprises rapidly moving the grain stream about a horizontal axis in a circular path commencing near the 90° position through an air gap of a magnetic field having local convergences directed toward said circular path, mechanically supporting the grain stream and progressing the same successively through a pre-alignment area in which it is adjusting its speed, and a leaving point area in which the non-magnetic particles are projected outwardly from said circular path in a falling trajectory by centrifugal force sufficient to overcome the force of gravity, said leaving point area lying wholly within and occupying a part of a range extending from not greatly above the 65° position to substantially the 45° position, relating the flux concentration of said magnetic field to said circular path so as to direct the concentrated portion thereof from a point adjacent to the 90° position to a point materially below said leaving point area, and directing a high flux density on said prealignment area, whereby the feebly magnetic particles are so attracted in the direction of said convergences as to continue their circular motion through an arc of substantial extent below said leaving point area

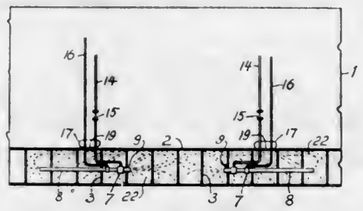
and are then projected outwardly from said circular path in a falling trajectory by centrifugal force sufficient to overcome the magnetic attraction.

2,065,461
METHOD OF REMOVING CAVITIES FROM SHEET METAL
Robert F. Johnston, McKeesport, Pa., assignor to American Sheet and Tin Plate Company, a corporation of New Jersey
Application April 16, 1934, Serial No. 720,843
1 Claim. (Cl. 29—148)



The method of removing a cavity from the surface of a metallic sheet which consists in displacing the surface of the cavity beyond the plane of the surface of the sheet said displacement being insufficient to place the opposite surface of the sheet in the plane of the first named surface thereof, and removing all of the displaced metal which is beyond the plane of the first named surface of the sheet.

2,065,462
OIL TANK CLEANING APPARATUS
Bengt Olsson, Brooklyn, N. Y.
Application February 11, 1936, Serial No. 63,300
4 Claims. (Cl. 141—1)



1. The method of cleaning an oil storage tank, characterized by placing an extended pipe line inside the tank to be cleaned, injecting a high pressure steam jet into the pipe line so as to suck a high velocity air stream therethrough, injecting a solvent for oil into the air stream and causing said solvent to be suspended in the air stream when it enters the steam jet in a spray formation, further atomizing the spray by means of the steam jet force and causing the steam cloud issuing from the pipe line to broom out laterally and repeatedly circulating the fume laden steam cloud through the pipe line so as to substantially reach all parts of the tank by said fume circulation.

2,065,463
SHOE BOTTOM MEMBER AND METHOD OF MAKING THE SAME
John M. Whelton, Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application March 24, 1932, Serial No. 600,921
Renewed October 14, 1935
32 Claims. (Cl. 12—146)



1. That improvement in methods of reinforcing insoles which consists in forming a reinforcing member for the heel and shank portion of an insole, molding said reinforcing member to a longitudinal contour corresponding to that of the bottom of the shank portion of a last while overmolding the reinforcing member transversely to compensate for reaction of the molded material in such a manner that ultimately there will be imparted to the reinforcing member a cross-sectional contour accurately conforming to that of the bottom of the last, and simultaneously with said molding operations securing the reinforcing member to an insole.

2,065,464
SHOE BOTTOM UNIT AND METHOD OF MAKING THE SAME
John M. Whelton, Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application May 8, 1933, Serial No. 669,842
25 Claims. (Cl. 12—146)

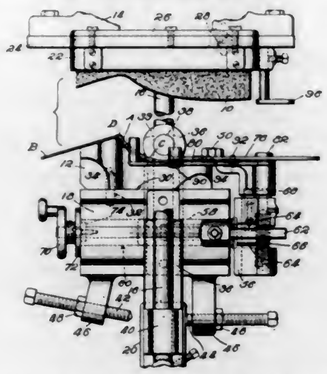


1. That improvement in methods of making shoe bottom units which consists in assembling and securing against accidental displacement an insole, a longitudinally arched shank stiffener, and a moldable reinforcing piece, and thereafter placing the assembled parts upon a form shaped to correspond to the longitudinal curvature of the last for a shoe in which the bottom unit is to be incorporated and molding the insole and the reinforcing piece to the shape of the form.

13. A reinforced shoe bottom unit comprising, in combination, an insole member, a reinforcing piece secured to the heel and shank portions of the insole member and having an edge contour corresponding to that of said portions of the insole member, and a metallic shank stiffener strip having a longitudinally arched main portion and a forward portion having a reverse longitudinal curvature, said shank stiffener having its main portion interposed between the reinforcing piece and the insole member and received in a groove in said member and having its forward portion projecting beyond the forward edge of the reinforcing piece.

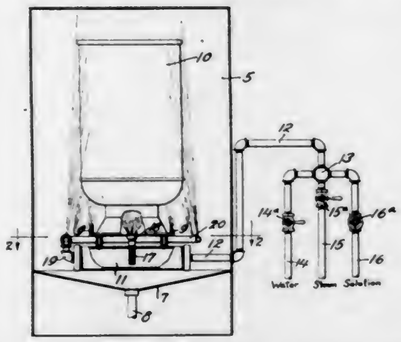
20. A step product in the manufacture of shoe bottom units comprising an unmolded insole, a moldable but unmolded reinforcing piece for the heel and shank portions of the insole secured to the insole at the heel portion only, and a shank stiffener interposed between the insole and the reinforcing piece and secured to one of said parts.

2,065,465
MACHINE FOR MOLDING SHOE BOTTOM PARTS
John M. Whelton, Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application December 11, 1933, Serial No. 701,814
32 Claims. (Cl. 12—21)



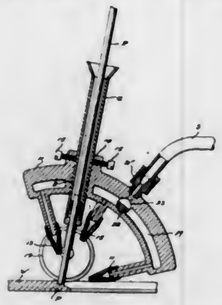
1. In a machine for molding shoe bottom parts, in combination, relatively movable pressure applying members, a form carried by one of said members, a pad carried by the other of said members, and a gage member for relatively locating the form and the pad constructed and arranged to engage also a shoe bottom member to be operated upon and to locate said shoe bottom member relatively to the form and the pad.

2,065,466
APPARATUS FOR WASHING MILK CANS AND THE LIKE
George H. Horn, Vesper, Wis.
Application November 4, 1933, Serial No. 696,729
1 Claim. (Cl. 141—7)



Apparatus of the character described comprising, in combination, a closed tank having a door; a support inside the tank for the receptacle to be washed; a mixing tank inside said closed tank and below the receptacle support; a perforated pipe connected to the mixing tank but lying wholly below the receptacle and being of such size and shape and having its perforations so arranged as to project fluid around the entire outside surface of a receptacle when on said support; an upstanding nipple connected to the interior of the mixing tank; a nozzle on the upper end of the nipple; said nozzle being attached to project fluid up inside the receptacle; and means to supply cleansing fluids under pressure to the mixing tank.

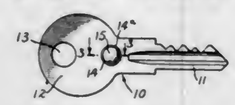
2,065,467
WELDING PROCESS AND APPARATUS
Frank C. Hutchison, Kansas City, Mo., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
Application May 16, 1933, Serial No. 671,359
37 Claims. (Cl. 113—59)



13. Welding apparatus comprising the combination of means for guiding a welding rod to a welding point; and means, angularly disposed relatively to the axis of such guiding means, for directing separate heating flames against opposite sides of the welding rod.

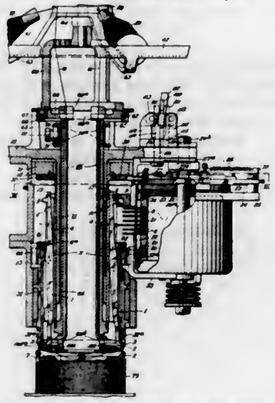
21. The process of welding contiguous metal edges which comprises maintaining a welding rod, a high temperature welding jet and rod preheating jets in fixed relation; moving said rod and said welding jet and rod preheating jets lengthwise of the metal edges; and controlling the fusion of the metal by directing said jets linearly back and forth and by reciprocally varying the temperature applied by the rod preheating jet and the temperature applied by the welding jet whereby different amounts of welding rod material are deposited in accordance with changes in width between the contiguous metal edges.

2,065,468
KEY CONSTRUCTION
Henry F. Keil, Scarsdale, N. Y., assignor to Francis Keil & Son, Inc., a corporation of New York
Application February 19, 1934, Serial No. 711,977
3 Claims. (Cl. 40—2)



3. A key or key blank having, in combination, a hole in the handle portion thereof, a ball positioned in said hole and of lesser dimension than the latter so that it may rotate but of greater diameter than the thickness of the handle portion so that said ball projects to both sides of the latter, and means holding said ball in said position and relation with respect to said hole without preventing rotation of the ball relative to the key or key blank.

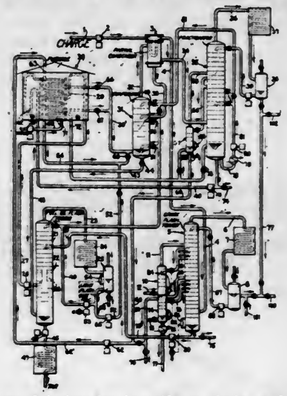
2,065,469
CIRCULAR KNITTING MACHINE OF THE DOUBLE AXIALLY OPPOSED NEEDLE CYLINDER TYPE
Alfred Woodward Kent, Groby, England, assignor to Wildt and Company, Limited, Leicester, England, a British company
Application May 27, 1936, Serial No. 82,109
In Great Britain June 6, 1935
21 Claims. (Cl. 66—135)



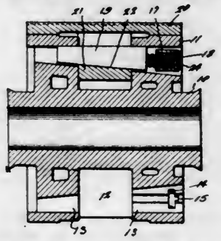
20. A thread guide for use in patterning mechanism of the kind herein referred to comprising a stem, a thread guiding extremity at one end of and extending at an angle from the stem, said extremity being distorted laterally, at least one butt on one edge of the stem for engagement with a selecting cam, said stem having a fulcrum point on the opposite edge, a main butt above the fulcrum point for engagement with a cam for imparting endwise movement to the thread guide, and an upwardly extending butt at the end of the guide remote from the thread guiding extremity for engagement with an actuating cam.

2,065,470
PROCESS FOR THE TREATMENT OF HYDROCARBON OIL
Percival C. Keith, Jr., Peapack, N. J., assignor to Gasoline Products Co., Inc., Newark, N. J., a corporation of Delaware
Application August 31, 1934, Serial No. 742,238
6 Claims. (Cl. 196—48)

1. The method of treating hydrocarbon oil which comprises preheating fresh heavy charging stock containing lighter constituents, to a distilling temperature, separating the resulting preheated charging stock, in a distilling zone, into vapors and a liquid residue, fractionally condensing said vapors to form a heavy naphtha condensate, passing said condensate through a reforming zone wherein it is raised to a temperature sufficient to cause the conversion thereof into relatively high anti-knock gasoline constituents, introducing the resulting reformed products into an evaporating zone wherein vapors separate from liquid residue, removing liquid residue from said evaporating zone and introducing it into a zone of reduced pressure wherein vapors separate from liquid residue, withdrawing said residue last mentioned from said zone of reduced pressure, passing said vapors last mentioned to a low pressure fractionating zone wherein heavier constituents thereof are condensed, removing the fractionated vapors and condensing them, introducing reduced heavy charging stock resulting from the distilling operation first mentioned, into said low pressure fractionating zone in contact with the vapors passing therethrough, whereby a portion of said reduced heavy charging stock is vaporized and portions of the vapors from the flashing zone are condensed, removing liquid from the base of said low pressure fractionating zone, comprising condensed portions of the rising vapors and unvaporized portions of the reduced heavy charging stock, passing this mixture through a cracking zone wherein it is raised to a cracking temperature and subjected to conversion, introducing the resulting cracked products into said evaporating zone in mixture with the reformed naphtha, removing vapors from said evaporating zone and introducing them into a high pressure fractionating zone wherein fractionation thereof occurs with the attendant formation of a reflux condensate, removing fractionated vapors from said high pressure fractionating zone and condensing them as a desired product, removing reflux condensate from said fractionating zone and passing it through a second cracking zone wherein it is raised to a cracking temperature and subjected to conversion, introducing the resulting cracked products into said evaporating zone, and removing a heavy naphtha condensate from said high pressure fractionating zone and combining it with the naphtha separated from said heavy charging stock, prior to the passage thereof through said reforming zone.



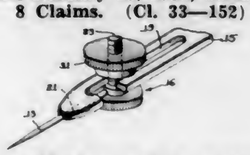
2,065,471
CRUSHING ROLL CONSTRUCTION
George E. Krider, Duncansville, Pa., assignor to McLanahan & Stone Corporation, Hollidaysburg, Pa.
Application March 11, 1936. Serial No. 68,335
1 Claim. (Cl. 83—12)



A crushing roll comprising a rotor structure provided with longitudinal extending tapered

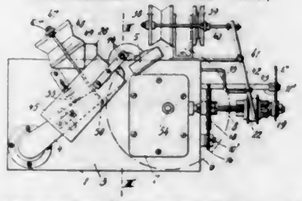
openings therein, said rotor being provided with pockets intersecting the said openings, segmental periphery plates for disposition around the rotor and provided with apertured ears for disposition into the pockets so that the apertures thereof will register with the opening, wedge members disposed in the tapered opening and through the said ears, the said rotor being provided in each of the tapered openings at the enlarged end thereof with longitudinally extending grooves, short circumferentially extending grooves intersecting the longitudinally extending grooves each of the said circumferentially extending grooves being provided with a longitudinally disposed notch, a cup-shaped member for disposition in each of the longitudinally extending grooves, a spring disposed in each of the cups and adapted to imprint against the adjacent end of the corresponding wedge, each of the said cups being provided with a pair of laterally disposed lugs engageable into the tapered openings and into the circumferential grooves and adapted to seat in the said notches.

2,065,472
PIN MOUNTING
Adolph Langsner and William H. Lerch, Chicago, Ill., assignors to Eugene Dietzgen Company, Chicago, Ill., a corporation of Delaware
Application January 18, 1935, Serial No. 2,323
8 Claims. (Cl. 33—152)



1. The combination with a support element, of support means comprising a stem longitudinally adjustable on said support element and having a substantially diametral opening adapted to receive a pin projecting on opposite sides of the stem, resilient plate-like means having a perforation for receiving said stem, said plate-like means having portions extending on opposite sides of said perforation in position to engage the pin to yieldingly secure the pin on the stem when the plate is assembled on the stem, and threaded means co-operatively associated with said stem for clamping the same in adjusted position on the support element.

2,065,473
APPARATUS FOR OPERATING MOVABLE MEMBERS
Georg Liwschütz, Berlin, Germany, assignor to Naamloose Venootchapp Adverteerings Maatschappij, The Hague, Netherlands
Application April 27, 1935, Serial No. 18,558
In Germany May 8, 1934
14 Claims. (Cl. 46—120)

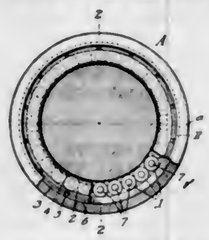


1. In apparatus for operating an automaton the combination comprising a chest in which there obtains a pressure differing from atmospheric pressure, a perforated comb mounted in said chest, a perforated sheet adapted to be moved over said comb, a bellows, a tube connecting said bellows to said comb, said bellows having an air port therein, a valve member on said bellows, said valve member being adapted to cooperate with said air port, and a tube connecting said valve member to said perforated comb, the arrangement being such that said valve member closes said air port before said bellows is connected to the chest for its actuation.

2,065,474
PRODUCTION OF POLYMERIZATION PRODUCTS FROM ISOBUTYLENE
Martin Mueller-Cunradi and Michael Otto, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application January 25, 1934, Serial No. 708,256. In Germany January 28, 1933
5 Claims. (Cl. 260—2)

4. The process of selectively polymerizing isobutylene from mixtures containing isobutylene which comprises reacting such a mixture comprising isobutylene and at least one other olefine with boron fluoride at about room temperature for a sufficiently short time, that substantially only the isobutylene is polymerized.

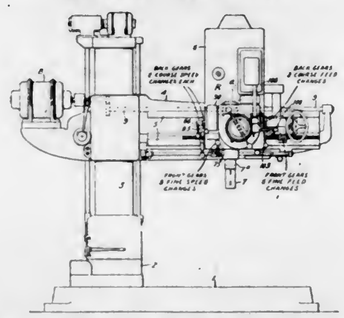
2,065,475
ROLLER BEARING
Thomas L. Robinson, Valparaiso, Ind., assignor to McGill Manufacturing Company, Valparaiso, Ind., a corporation of Indiana
Application July 11, 1934, Serial No. 734,594
9 Claims. (Cl. 308—212)



1. A roller bearing comprising only a single bearing member provided with a cylindrical bearing surface, the axial dimensions of said bearing member being greater than that of the bearing surface thereon, said bearing member being provided with annular grooves arranged outside of and at opposite ends of the bearing surface thereon, each of which defines a pair of opposed shoulders, comprising a relatively high radially disposed shoulder at each end of the bearing on said member, and which define the length of said bearing surface, and a relatively much lower shoulder outside thereof and spaced therefrom, anti-friction rollers and means which cooperate with the shoulders defined by the annular grooves formed at the ends thereof for rotatably mounting said rollers on said single bearing surface of the bearing member, in which the means for mounting the rollers on the bearing surface of the bearing member consists of retainer rings made of thin resilient sheet metal, flanges formed on opposite edges of said retainer rings and which project at opposite sides thereof, comprising dished flanges provided with spaced slots to form separate resilient segments, constructed and arranged

to interlock with the relatively low and axially remote shoulders on the bearing member, and continuous circular flanges arranged, respectively, to extend over trunnions formed on opposite ends of the anti-friction rollers and to support said rollers in operative relation to the bearing surface on the bearing member.

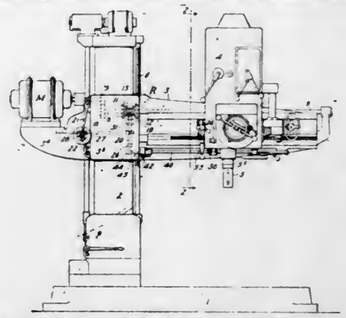
2,065,476
SIMPLIFIED CONTROL FOR DRILL SPINDLES
Lawrence Lee Schauer, Wyoming, Ohio, assignor to The Cincinnati Bickford Tool Company, Oakley, Cincinnati, Ohio, a corporation of Ohio
Application January 22, 1935, Serial No. 2,866
9 Claims. (Cl. 77—28)



1. Control means for serially arranged spindle speed change gear mechanisms in the tool head of a radial drilling machine combining a horizontally disposed shaft journaled in the upper portion of the tool head, said shaft being adapted to be moved axially and angularly selectively; gear shifter levers operatively connected with said shaft, one of said levers being adapted for actuation when the shaft is shifted axially selectively to effect any one of three changes in spindle speed, and one of said levers being adapted for actuation when said shaft is actuated angularly selectively to effect any one of three additional changes in spindle speed; means for actuating said shaft from the lower portion of said drill head comprising a second axially and angularly movable shaft arranged transversely to said first mentioned shaft; operative connections between said shafts so constructed that axial movement of the second shaft effects angular movement of the first shaft, and angular movement of the second shaft effects axial movement of the first shaft; and a single lever mounted adjacent the lower portion of said drill head and at a point distant from said change gear mechanisms for actuating said second shaft selectively in either of said directions of movement thereby to effect through said first shaft and said gear shifter levers any one of nine different changes in spindle speed.

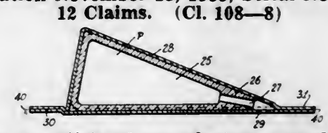
2,065,477
HEAD MOUNTED CONTROL MEANS FOR RADIAL DRILLS
Lawrence Lee Schauer, Wyoming, Ohio, assignor to The Cincinnati Bickford Tool Company, Oakley, Cincinnati, Ohio, a corporation of Ohio
Application January 22, 1935, Serial No. 2,867
4 Claims. (Cl. 77—28)

1. In a radial drill having a column, an arm translatably mounted thereon, manually controlled means for clamping said arm to the column, power means for translating said arm on the column, of control means for said translating means comprising a reversing mechanism operative selectively to effect raising or lowering movements of said arm, a manually operable control lever carried by the arm for actuating said reversing mechanism; an interlock between said reversing mechanism control lever and said clamping means operative to render said control lever incapable of movement when said clamping



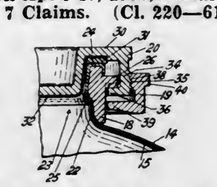
means is in clamped position, additional means for rendering said last named lever incapable of movement when said arm is unclamped from said column, and manually operable means for rendering said last named means ineffective to lock said lever, said lever thereafter being capable of actuating said reversing mechanism only in the event said arm is unclamped from said column.

2,065,478
ROOF CONSTRUCTION
Joseph Schulman, New York, N. Y.
Application November 18, 1935, Serial No. 50,345
12 Claims. (Cl. 108—8)



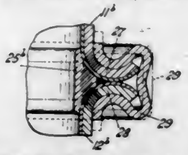
1. As an article of manufacture a roofing element comprising a strip of flexible, non-metallic material having a plurality of closed pockets arranged in a row, and hollow fillers for said pockets.

2,065,479
METAL CONTAINER
Cleveland C. Soper, Kent, Ohio, assignor to The Firestone Steel Products Company, Akron, Ohio, a corporation of Ohio
Application April 17, 1933, Serial No. 666,405
7 Claims. (Cl. 220—61)



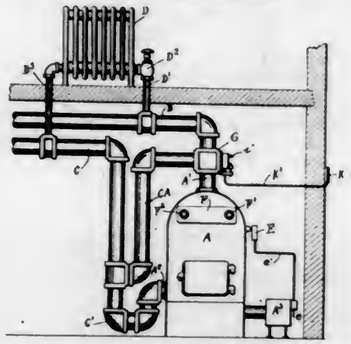
1. In a metal container formed with an aperture, a sput secured to the container and rimming said aperture, a cover on said sput having a bayonet-lock connection therewith, a resilient gasket between the cover and the sput, and a locking ring having connection with the sput and cover adapted to effect compression of the resilient gasket.

2,065,480
METAL CONTAINER AND METHOD OF MAKING THE SAME
Cleveland C. Soper, Kent, Ohio, assignor to The Firestone Steel Products Company, Akron, Ohio, a corporation of Ohio
Application April 20, 1933, Serial No. 667,031
16 Claims. (Cl. 113—120)



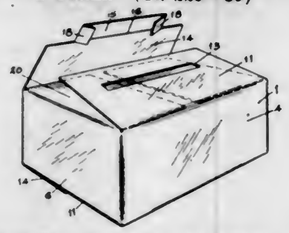
5. The method of making a metal container which comprises forming two composite metal sheets comprising non-corrodible facing layers into barrel halves with the non-corrodible layer disposed interiorly thereof, forming marginal flanges on said sheets, assembling the barrel halves with the non-corrodible layers of said flanges in contact and confining in the barrel a ring of non-corrodible metal, permanently securing the juxtaposed flanges to each other, the juncture of the two sections forming a crevice therebetween, securing the internal ring to each barrel half in position overlying the crevice at the juncture of the said barrel halves, and welding respective margins of said ring to each barrel half by a continuous seam of spot welds.

2,065,481
HEATING SYSTEM
Robert K. Thulman, Larchmont, N. Y., assignor to Lawler Automatic Controls, Mount Vernon, N. Y., a corporation of New York
Application December 18, 1934, Serial No. 758,007
8 Claims. (Cl. 237—8)



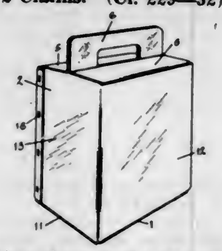
1. In a hot water heating system, the combination of a water heater having an upper water outlet and a lower water inlet, a heating device, a supply connection leading from said outlet to said device, a return connection leading from said device to said inlet and in free communication therewith under all operating conditions, a by-pass connection between said return and supply connections forming a by-pass about the heater, means adjustable to vary the relative resistances to flow from the return connection to the supply connection through the flow paths formed by the heater and by-pass connection, respectively, and thereby divert more or less water passing from the device through the return connection away from the heater and into the supply connection through said by-pass connection, said means including means responsive to the outside air temperature for increasing and decreasing the resistance to flow to the supply connection through the path formed by the heater relative to the resistance to flow through the path formed by the by-pass, as said temperature increases and decreases.

2,065,482
CONTAINER
Kramer E. Verhoven, Monroe, Mich., assignor to The Consolidated Paper Company, Monroe, Mich., a corporation of Michigan
Application September 23, 1935, Serial No. 41,707
1 Claim. (Cl. 229—39)



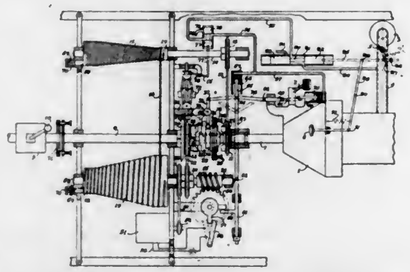
In a container formed from elastic, relatively thick, sheet paper, flaps formed integral with the ends of the container and foldable at substantially right angles to the ends, other flaps formed integral with the sides of the container and foldable over the first named flaps, one of the second named flaps having a tab foldable relative to the said flap, locking tongues hingedly connected to the ends of the said tab and foldable against the inner surface of the tab, another of the second named flaps having a slot adapted to receive the said tab when the tongues are folded against the inner surface of the tab to locate the tab and tongues between the first named flaps and the flap having the slot, the locking tongues biased by the material to move them to positions inclined to the plane of the tab to produce abutments along edges of the tongues and along edge parts of one of the edges of the slot to securely lock the parts together.

2,065,483
CONTAINER
Kramer E. Verhoven, Monroe, Mich., assignor to The Consolidated Paper Company, Monroe, Mich., a corporation of Michigan
Application July 3, 1936, Serial No. 88,859
2 Claims. (Cl. 229—52)



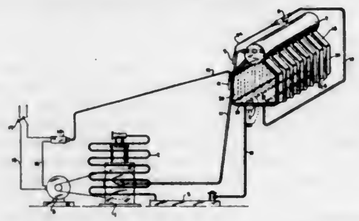
2. A container formed of a pair of paper board members located one within the other and having contacting side walls of substantially the same dimensions, the end walls of the outer member having flaps, the inner member having a bottom part, the upper ends of the side walls of the inner member having foldable parts substantially covering the said flaps and forming the top of the box and handles connected to the said foldable parts, means for interconnecting the inner and outer members for supporting the outer member on the inner member when the container is carried by the handles.

2,065,484
AUTOMATIC TRANSMISSION
John F. Werder, Lakewood, Ohio
Application May 10, 1933, Serial No. 670,382
23 Claims. (Cl. 192—.01)



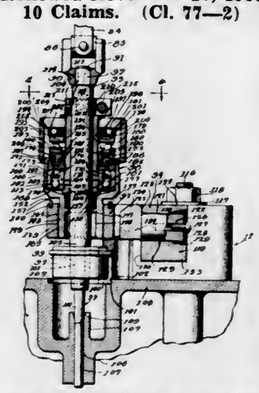
1. In a power-transmission mechanism, the combination of a drive shaft, a driven shaft, motive means for operating said drive shaft, disengageable connecting means between said drive and driven shafts, a gradually progressive power-transmitting means including drum and cable mechanism adapted for operative connection between said drive and driven shafts, means for rendering said progressive power-transmitting means operative, and means whereby operation of said progressive power-transmitting means will effect engagement of said connecting means so as to thereby establish direct drive connection between said drive and driven shafts.

2,065,485
REFRIGERATING APPARATUS
Daniel D. Wile, Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich., a corporation of Michigan
Application July 9, 1935, Serial No. 30,440
10 Claims. (Cl. 62—115)



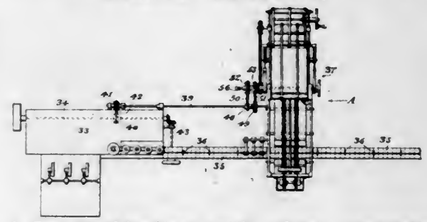
1. Refrigerating apparatus comprising a refrigerant evaporator, a refrigerant condensing element, a refrigerant supply conduit leading from said refrigerant condensing element to said refrigerant evaporator and arranged so that the relatively warmer refrigerant passing therethrough is in heat transfer relation with the relatively colder refrigerant in the evaporator so as to induce ebullition of the same, and a return conduit connecting said evaporator and said condensing element.

2,065,486
VALVE SEAT TOOL
Frans O. Albertson, Sioux City, Iowa, assignor to Albertson & Company, Inc., Sioux City, Iowa, a corporation of Iowa
Application July 17, 1931, Serial No. 551,310
Renewed November 16, 1936
10 Claims. (Cl. 77—2)



1. In a valve seat working apparatus, the combination of a supporting fixture adapted to be secured to an internal engine block, said supporting fixture having a threaded part for support of a feed screw unit, an automatic feed screw unit comprising a tubular body having a threaded surface for engagement with a supporting body, a bearing mounted in said tubular body, a guide carried by said bearing, and cooperating clutch members carried by said guide and said tubular member, whereby said guide is adapted to drive said tubular member at a reduced rate of speed.

2,065,487
SHEET FEEDING APPARATUS
Albert Broadmeyer, Harrisburg, Pa., assignor to W. O. Hickok Manufacturing Company, Harrisburg, Pa., a corporation of Pennsylvania
Application October 31, 1932, Serial No. 640,570
8 Claims. (Cl. 270—37)

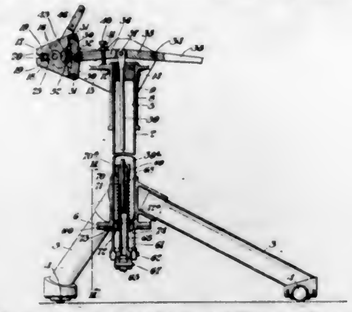


1. In combination with sheet connecting mechanism, and a conveyor for carrying sheets thereto to be connected, mechanism for feeding sheets to the conveyor, and means driven from the connecting mechanism for driving the conveyor and feeding mechanism in relatively variable predetermined timed relation.

2,065,488
TOOL
Clarence O. Carlson, Cleveland Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey
Application February 4, 1936, Serial No. 62,373
4 Claims. (Cl. 140—55)

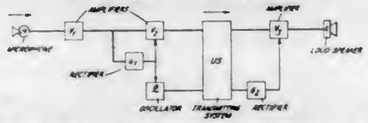
1. A tool for connecting an element to a second

element having a deformable groove comprising, in combination, a housing, a pair of jaw members pivoted on said housing, means connecting one end of each of said jaw members, an operating rod,



a link connecting said operating rod and the means connecting one end of each of said jaw members, and a lever for moving said operating rod whereby said jaw members are caused to deform said groove.

2,065,489
TRANSMISSION LEVEL CONTROLLING ARRANGEMENT
Karl Etzrodt, Siemensstadt, near Berlin, Germany, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a corporation of Germany
Application July 14, 1932, Serial No. 622,436
In Germany July 20, 1931
5 Claims. (Cl. 178—44)



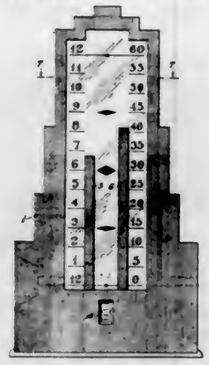
1. The method of transmitting waves of a wide energy range employing a medium capable of transmitting only a narrow energy range, which method comprises producing a change in the range of the energy to be applied to said medium, generating control oscillations varying the frequency of said control oscillations simultaneously with and as a function of the change produced in said energy range and controlling the reproduction of the transmitted energy in accordance with the frequency of said control oscillations thereby to restore the original wide energy range of said waves.

2,065,490
VIBRATION DAMPER
Harold H. Febrey, South Orange, N. J., assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey
Application October 2, 1934, Serial No. 746,611
4 Claims. (Cl. 173—13)



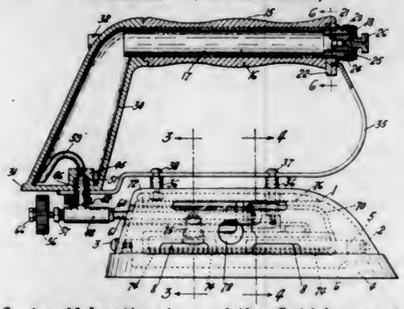
1. A vibration damper including at least three strand-contacting shoes and means for interconnecting said shoes in tandem with at least two adjacent spaces between shoes unequal and for resiliently pressing said shoes against a strand to be damped.

2,065,491
CLOCK
George O. Harm, Warren, Ohio, assignor to Marjorie Lea Harm, Warren, Ohio
Application August 7, 1934, Serial No. 738,779
6 Claims. (Cl. 58—2)



5. A clock including a face scaled for hours and minutes of time and having guiding means along its outer surface adjacent the scaled portions, strips slidable in said means, and means for sliding said strips at relatively different speeds.

2,065,492
SELF-HEATING SADIRON
Chester A. Hoff, Akron, Ohio, assignor to The Akron Lamp Company, Akron, Ohio, a corporation of Ohio
Application February 28, 1934, Serial No. 713,255
7 Claims. (Cl. 158—23.2)

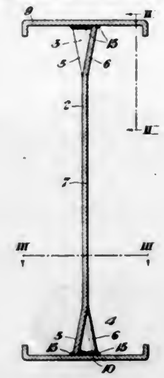


2. A self-heating iron of the fluid burner type comprising a body, a burner within the body, a handle, a reservoir at the rear of the iron and forming a connection between the body and the handle, iron rests formed upon the reservoir, a feed pipe leading from said reservoir to said burner, and an elbow disposed within said reservoir to supply fuel to said feed pipe from approximately the lowest point in the reservoir both in normal position and also when upon the rests.

2,065,493
STRUCTURAL MEMBER
Gerald G. Greulich, Mount Lebanon, Pa.
Application September 27, 1934, Serial No. 745,797
3 Claims. (Cl. 189—37)

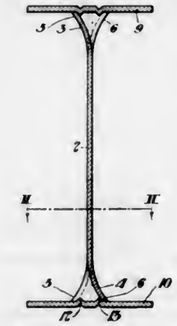
1. A building structure comprising a web and a flange joined to and extending from at least one of its edges, said flange presenting an entirely flat surface to said web, said web having its mid-

portion substantially flat and being crimped on its edge from which said flange extends, the joint



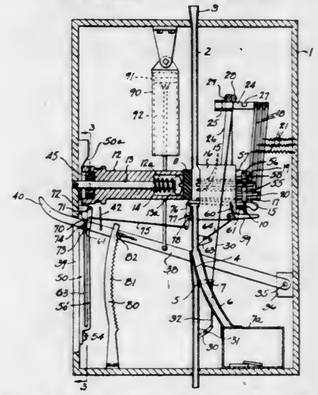
between the crimped edge of said web and the flat surface of said flange being continuous.

2,065,494
WELDED STRUCTURAL MEMBER
Gerald G. Greulich, Mount Lebanon, Pa.
Application July 30, 1936, Serial No. 93,483
4 Claims. (Cl. 189—37)



1. A welded I-beam comprising a web having each of its edges corrugated to form portions flared alternately in opposite directions and flanges provided with at least one longitudinal projection welded at spaced intervals to said flared portions of said web so that only that portion of the metal in the web edge in contact with the rib is transformed in its crystalline structure, the weld being interrupted along the longitudinal plane of said beam.

2,065,495
COIN SELECTING MECHANISM
Charles W. McKee, Seattle, Wash., assignor to McKee Coin Selector, Inc., a corporation of Washington
Application July 30, 1934, Serial No. 737,542
11 Claims. (Cl. 194—97)

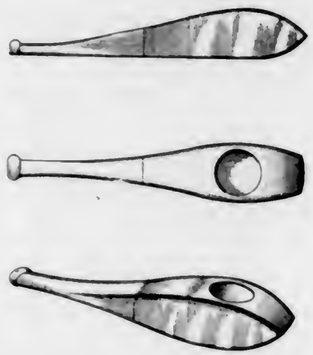


10. In a coin selecting mechanism provided with a single intake coin chute, means for interrupting movement of a coin along said chute and for rotating it about an axis extending through the center of its faces, control devices including a plurality of spaced members projecting into displaceable abutment with one face of a coin when rotated by said means; said devices adapted to direct a coin along the chute or from it; said projecting members being spaced and adapted to bear upon the face of a coin while being rotated at points spaced laterally at predetermined distances from the central axis of said coin; said control devices being operable by a predetermined relative displacement of said projecting members.

DESIGNS

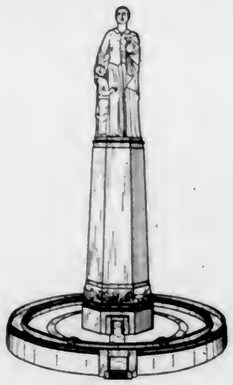
DECEMBER 22, 1936

102,406
DESIGN FOR A SMOKING PIPE
Arnold P. Altizer and Henry Sholund, Brush Prairie, Wash.
Application March 30, 1936, Serial No. 61,866
Term of patent 7 years



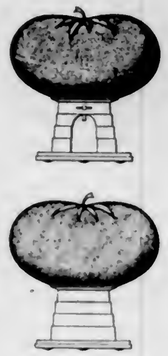
The ornamental design for a smoking pipe as shown.

102,407
DESIGN FOR A STATUE OR SIMILAR ARTICLE
Aatto Z. Annala, Seattle, Wash.
Application March 9, 1936, Serial No. 61,539
Term of patent 7 years



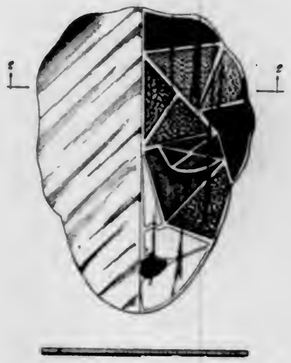
The ornamental design for a statue or similar article, as shown and described.

102,408
DESIGN FOR A TOMATO JUICE DISPENSER
Watson F. Barnhart, Milwaukee, Wis., assignor to Barnham Dispenser Company, Milwaukee, Wis., a corporation of Wisconsin
Application August 24, 1936, Serial No. 64,542
Term of patent 14 years



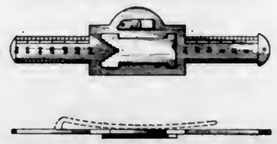
The ornamental design for a tomato juice dispenser as shown.

102,409
DESIGN FOR A MIRROR OR SIMILAR ARTICLE
Félicie Eugénie Amélie Wanpouille Bergaud, Paris, France
Application November 5, 1936, Serial No. 65,705
Term of patent 7 years



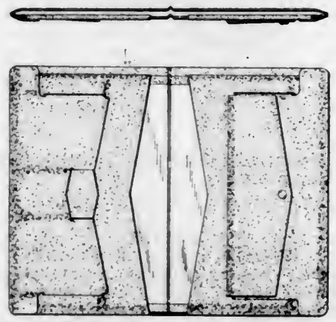
The ornamental design for a mirror or similar article, as shown.

102,410
DESIGN FOR A NECKTIE HOLDER OR SIMILAR ARTICLE
Thomas B. Bowen, Huntington, W. Va.
Application March 24, 1936, Serial No. 61,755
Term of patent 3½ years



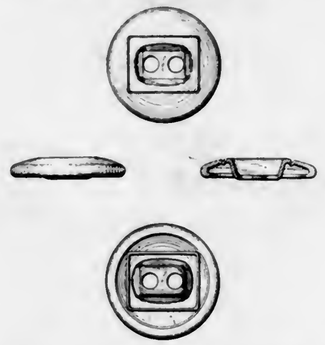
The ornamental design for a necktie holder or similar article, as shown and described.

102,411
DESIGN FOR A FLEXIBLE POCKET RECEPTACLE
Warner R. Buxton, Longmeadow, Mass.
Application October 6, 1936, Serial No. 65,187
Term of patent 14 years



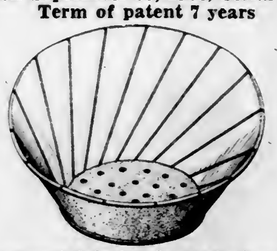
The ornamental design for a flexible pocket receptacle substantially as shown and described.

102,412
DESIGN FOR A BUTTON
Leonard R. Carley, Watertown, Conn., assignor to The Patent Button Company, Waterbury, Conn., a corporation of Connecticut
Application November 7, 1936, Serial No. 65,776
Term of patent 14 years



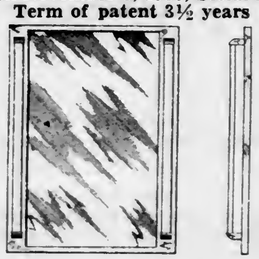
The ornamental design for a button, as shown.

102,413
DESIGN FOR A STRAINER OR SIMILAR ARTICLE
Martha H. Connor, Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del., a corporation of Delaware
Application September 30, 1936, Serial No. 65,088
Term of patent 7 years



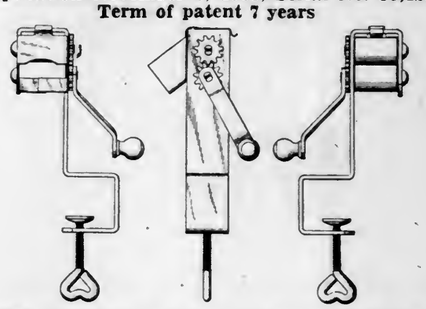
The ornamental design for a strainer or similar article substantially as shown and described.

102,414
DESIGN FOR A MIRROR
James J. Connors, Meriden, Conn., assignor to The Charles Parker Company, Meriden, Conn., a corporation of Connecticut
Application November 5, 1936, Serial No. 65,698
Term of patent 3½ years



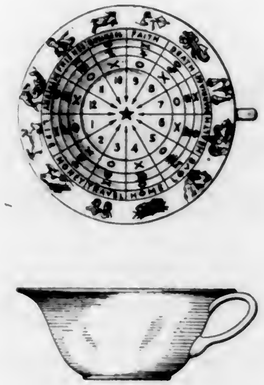
The ornamental design for a mirror as shown and described.

102,415
DESIGN FOR A PEA SHELLER
Gerald N. Coughlan, East Orange, N. J.
Application November 7, 1935, Serial No. 59,423
Term of patent 7 years



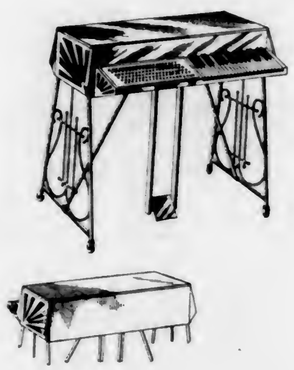
The ornamental design for a pea sheller as shown.

102,416
DESIGN FOR A WISHING BOWL
Evangeline Day, New York, N. Y.
Application June 13, 1936, Serial No. 63,271
Term of patent 7 years



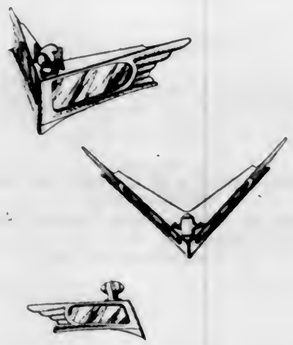
The ornamental design for a wishing bowl, as shown and described.

102,417
DESIGN FOR AN ACCORDIONOLA
Lewis Defonso, Carnegie, Pa.
Application March 4, 1936, Serial No. 61,481
Term of patent 14 years



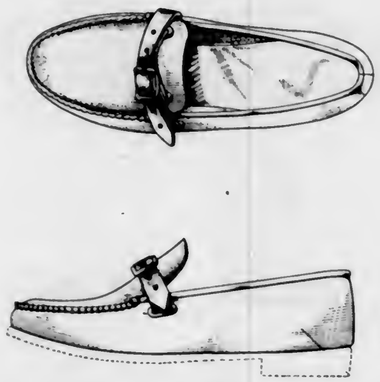
The ornamental design for an accordionola, as shown.

102,418
DESIGN FOR A VEHICLE INDICATING DEVICE
Walter De Lisle, Windsor, Ontario, Canada
Application September 25, 1936, Serial No. 65,012
In Canada September 4, 1936
Term of patent 3½ years



The ornamental design for a vehicle indicating device, as shown.

102,419
DESIGN FOR A MOCCASIN
Benjamin H. Foster, Lisbon Falls, Maine, assignor to Barker Shoe Company, Inc., Auburn, Maine, a corporation of Maine
Application November 7, 1936, Serial No. 65,769
Term of patent 7 years



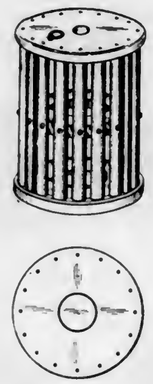
The ornamental design for a moccasin as shown.

102,420
DESIGN FOR A BOTTLE
Stewart S. Freedman, Cincinnati, Ohio, assignor to Kolmar, Inc., Cincinnati, Ohio, a corporation of Ohio
Application September 17, 1936, Serial No. 64,903
Term of patent 3½ years



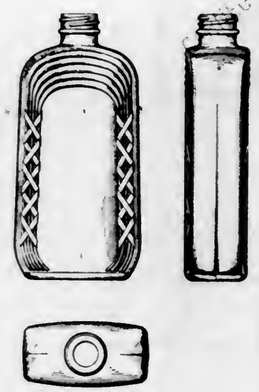
The ornamental design for a bottle as shown.

102,421
DESIGN FOR A MARBLE GAME DEVICE
George A. Fry, Saginaw, Mich.
Application November 2, 1936, Serial No. 65,644
Term of patent 7 years



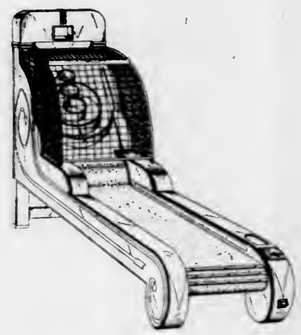
The ornamental design for a marble game device, substantially as shown.

102,422
DESIGN FOR A BOTTLE
Brooks D. Fuerst, Toledo, Ohio, assignor to Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio
Application November 10, 1936, Serial No. 65,819
Term of patent 14 years



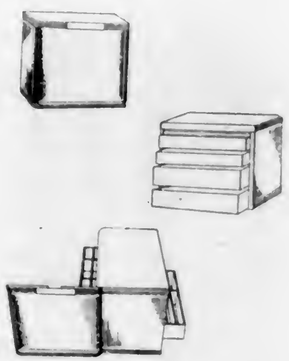
The ornamental design for a bottle substantially as shown.

102,423
DESIGN FOR A GAME APPARATUS
Paul M. Fuller, Chicago, Ill., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y., a corporation of Ohio
Application October 19, 1936, Serial No. 65,356
Term of patent 7 years



The ornamental design for a game apparatus, substantially as shown.

102,424
DESIGN FOR A COMBINED DISPLAY AND CONTAINER CABINET FOR MANICURING IMPLEMENTS OR SIMILAR ARTICLE
Carl W. Gardiner, Short Hills, N. J.
Application October 7, 1936, Serial No. 65,192
Term of patent 7 years



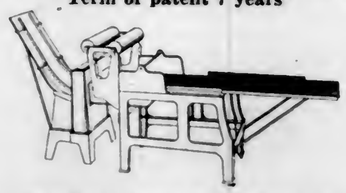
The ornamental design for a combined display and container cabinet for manicuring implements, or similar article, as shown.

102,425
DESIGN FOR A FLY SWATTER
Milton Wallace Gatch, Baltimore, Md.
Application November 9, 1935, Serial No. 59,464
Term of patent 3½ years



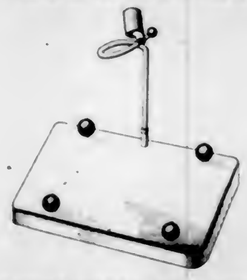
The ornamental design for a fly swatter, substantially as shown and described.

102,426
DESIGN FOR A FRAME FOR COMBINATION BREAD SLICING AND WRAPPING MACHINES
Israel C. Gellman, Rock Island, Ill.
Application August 29, 1936, Serial No. 64,641
Term of patent 7 years



The ornamental design for a frame for combination bread slicing and wrapping machines, as shown and described.

102,427
DESIGN FOR A COMBINED TELEPHONE STAND AND FLASHLIGHT HOLDER
Maude J. Gerrells, San Antonio, Tex.
Application August 31, 1936, Serial No. 64,645
Term of patent 3½ years



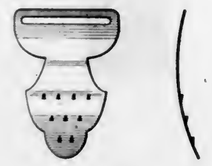
The ornamental design for a combined telephone stand and flashlight holder, as shown.

102,428
DESIGN FOR A COMBINED ASHTRAY AND CIGARETTE CONTAINER
Maxon Lester Graham, Seattle, Wash.
Application November 3, 1936, Serial No. 65,684
Term of patent 3½ years



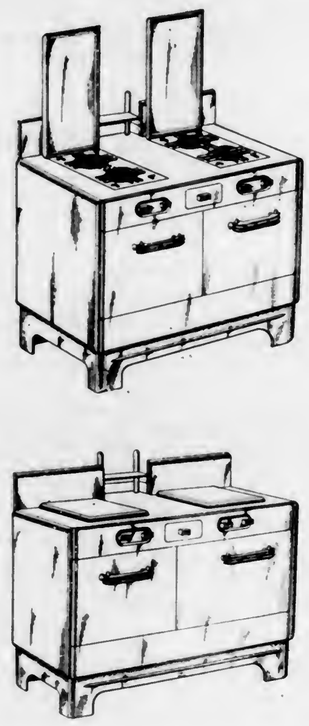
The ornamental design for a combined ashtray and cigarette container, as shown.

102,429
DESIGN FOR A SOCK FASTENER FOR GARTERS
Walter W. Hartmann, Los Angeles, Calif., assignor to Sara A. Philips, Los Angeles, Calif.
Application November 19, 1935, Serial No. 59,649
Term of patent 3½ years



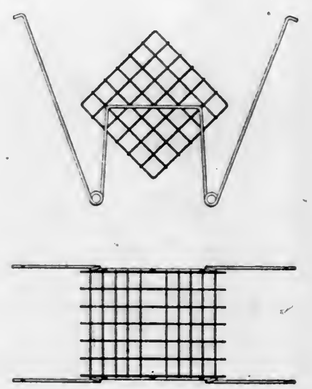
The ornamental design for a sock fastener for garters, as shown and described.

102,430
DESIGN FOR A RANGE
Carl H. Hoffstetter and Robert F. Hoffstetter, Erie, Pa.
Application October 31, 1936, Serial No. 65,627
Term of patent 7 years



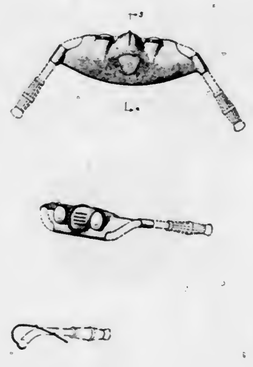
The ornamental design for a range, as shown and described.

102,431
DESIGN FOR A FLOWER HOLDER
William J. Keller, St. Louis, Mo.
Application October 28, 1936, Serial No. 65,555
Term of patent 14 years



The ornamental design for a flower holder, as shown.

102,432
DESIGN FOR A HANDLE BAR FOR A CYCLE
Herman L. Kraeft, Cleveland Heights, Ohio, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application August 18, 1936, Serial No. 64,473
Term of patent 7 years



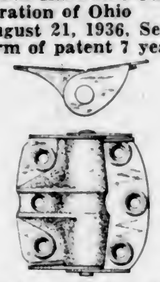
The ornamental design for a handle bar for a cycle, substantially as shown.

102,433
DESIGN FOR AN ASHTRAY
Alvin Robert Lawrence, Indianapolis, Ind.
Application September 12, 1936, Serial No. 64,828
Term of patent 3½ years



The ornamental design for an ashtray as shown.

102,434
DESIGN FOR A HINGE FOR SCREEN DOORS OR THE LIKE
Onnie Mankki, Cleveland Heights, Ohio, assignor to The Champion Hardware Company, Geneva, Ohio, a corporation of Ohio
Application August 21, 1936, Serial No. 64,507
Term of patent 7 years



The ornamental design for a hinge for screen doors or the like substantially as shown.

102,435
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Ralph Massa, New York, N. Y.
Application November 7, 1936, Serial No. 65,758
Term of patent 3½ years



The ornamental design for a brooch or similar article, substantially as shown.

102,436
DESIGN FOR A BROOCH PIN OR SIMILAR ARTICLE
Ralph Massa, New York, N. Y.
Application November 7, 1936, Serial No. 65,759
Term of patent 3½ years



The ornamental design for a brooch pin or similar article, substantially as shown.

102,437
DESIGN FOR A SINK
Clarence H. Menge, Detroit, Mich., assignor to The Murray Corporation of America, Detroit, Mich., a corporation of Delaware
Application November 26, 1934, Serial No. 54,156
Term of patent 14 years



The ornamental design for a sink substantially as shown and described.

102,438
DESIGN FOR A HANGING LAMP
Guy Montmartin, Paris, France
Application February 15, 1935, Serial No. 55,442
In France August 17, 1934
Term of patent 7 years



The ornamental design for a hanging lamp, as shown and described.

102,439
DESIGN FOR A COMBINED FILLER CAP AND GAUGE HOUSING
William M. Mulcahy and George E. Ford, Rochester, N. Y., assignors to Rochester Manufacturing Co., Rochester, N. Y.
Application October 12, 1936, Serial No. 65,270
Term of patent 7 years



The ornamental design for a combined filler cap and gauge housing, as shown.

102,440
DESIGN FOR A DISPLAY TAG HOLDER
Colford J. Murphy, South Weymouth, Mass.
Application May 8, 1936, Serial No. 62,549
Term of patent 3½ years



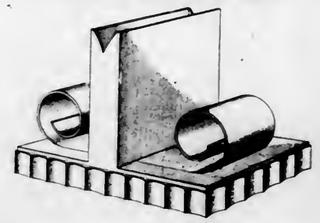
The ornamental design for a display tag holder, substantially as shown.

102,441
DESIGN FOR A KEY CHARM
James A. Murray, Philadelphia, Pa.
Application June 12, 1936, Serial No. 63,261
Term of patent 14 years



The ornamental design for a key charm, as shown.

102,442
DESIGN FOR A PLAYING CARD HOLDER
Roy O. Nereim, Highland Park, Ill., assignor to General Electric Company, a corporation of New York
Application May 26, 1936, Serial No. 62,849
Term of patent 14 years



The ornamental design for a playing card holder, as shown.

102,443
DESIGN FOR A HANDLE FOR A BAR SPIGOT OR SIMILAR ARTICLE
Jacob E. Newman, Pittsburgh, Pa.
Application August 26, 1935, Serial No. 58,296
Term of patent 7 years



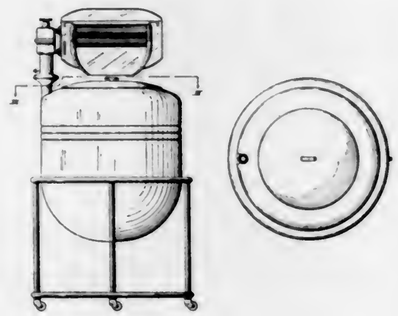
The ornamental design for a handle for a bar spigot or similar article, substantially as shown.

102,444
DESIGN FOR A BOTTLE
Fred J. Petty, Muncie, Ind., assignor to Ball Brothers Company, Muncie, Ind., a corporation of Indiana
Application November 6, 1936, Serial No. 65,719
Term of patent 7 years



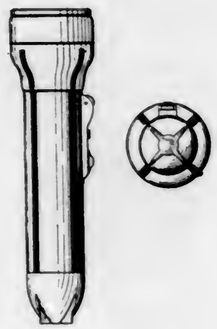
The ornamental design for a bottle, substantially as shown.

102,445
DESIGN FOR A COMBINED WASHING MACHINE AND WRINGER
Hazel P. Rodman, Alliance, Ohio, assignor to The Alliance Porcelain Products Company, Alliance, Ohio, a corporation of Ohio
Application July 14, 1936, Serial No. 63,837
Term of patent 14 years



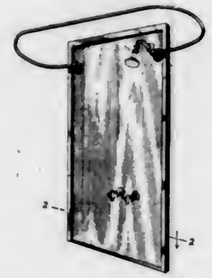
The ornamental design for a combined washing machine and wringer as shown and described.

102,446
DESIGN FOR A FLASHLIGHT
Harry Rothenberg, Norwood, N. J., and Leopold C. Grimsley, Jackson Heights, N. Y.
Application November 6, 1936, Serial No. 65,731
Term of patent 7 years



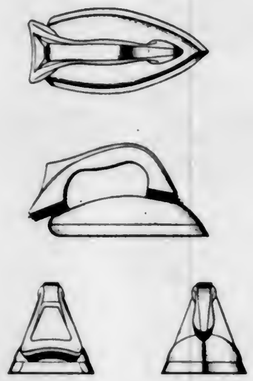
The ornamental design for a flash light, as shown.

102,447
DESIGN FOR A SHOWER PANEL FOR BATHTUBS
George Sakier, New York, N. Y., assignor to The Accessories Company, Inc., New York, N. Y., a corporation of New York
Application April 1, 1936, Serial No. 61,892
Term of patent 14 years



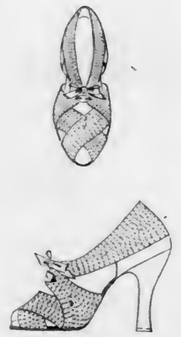
The ornamental design for a shower panel for bathtubs, as shown.

102,448
DESIGN FOR A FLATIRON
Abe O. Samuels, Rochester, N. Y., assignor to Samson-United Corporation, Rochester, N. Y.
Application April 24, 1936, Serial No. 62,280
Term of patent 7 years



The ornamental design for a flatiron, as shown.

102,449
DESIGN FOR A SHOE OR ARTICLE OF ANALOGOUS NATURE
Julian G. Samuels, St. Louis, Mo.
Application November 9, 1936, Serial No. 65,779
Term of patent 3½ years



The ornamental design for a shoe or article of analogous nature, substantially as shown.

102,450
DESIGN FOR A SHOE OR ARTICLE OF ANALOGOUS NATURE
Julian G. Samuels, St. Louis, Mo.
Application November 9, 1936, Serial No. 65,780
Term of patent 3½ years



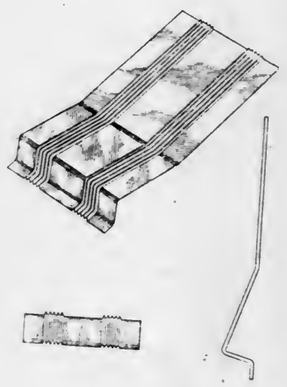
The ornamental design for a shoe or article of analogous nature, substantially as shown.

102,451
DESIGN FOR A CAN OR SIMILAR CONTAINER FOR BEVERAGES
Rudolph J. Schaefer, Larchmont, N. Y., assignor to The F. & M. Schaefer Brewing Co., Brooklyn, N. Y., a corporation of New York
Application September 5, 1936, Serial No. 64,732
Term of patent 14 years



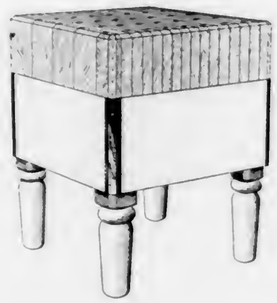
The ornamental design for a can or similar container for beverages, substantially as shown.

102,452
DESIGN FOR A METAL SHINGLE
Clifford J. Schlafman, Merchantville, N. J.
Application October 20, 1936, Serial No. 65,382
Term of patent 7 years



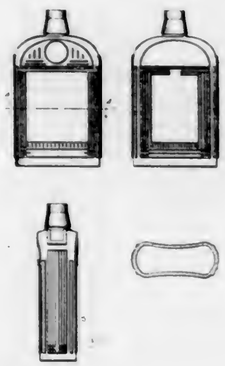
The ornamental design for a metal shingle. as shown.

102,453
DESIGN FOR A BUTCHER BLOCK
Frederick J. Schmitt, Petoskey, Mich., assignor to Michigan Maple Block Company, Petoskey, Mich., a corporation of Michigan
Application October 19, 1936, Serial No. 65,365
Term of patent 7 years



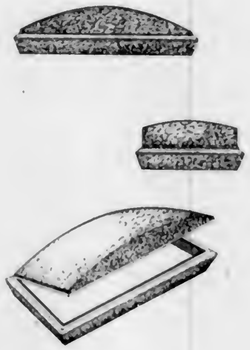
The ornamental design for a butcher block, as shown and described.

102,454
DESIGN FOR A BOTTLE
Warren Sheedy, Seattle, Wash.
Application May 2, 1936, Serial No. 62,419
Term of patent 14 years



The ornamental design for a bottle, as shown.

102,455
DESIGN FOR A JEWELRY DISPLAY BOX OR SIMILAR ARTICLE
John M. Shields, Chicago, Ill., assignor to F. H. Noble & Co., Chicago, Ill., a corporation of Illinois
Application April 24, 1936, Serial No. 62,291
Term of patent 7 years



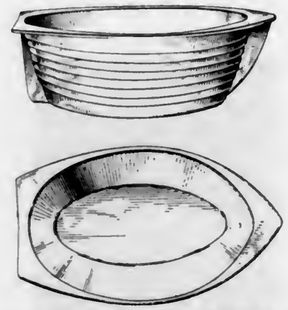
The ornamental design for a jewelry display box or similar article, as shown.

102,456
DESIGN FOR A JAR
Frasier Smith, Wheeling, W. Va., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va., a corporation of West Virginia
Application August 15, 1936, Serial No. 64,414
Term of patent 7 years



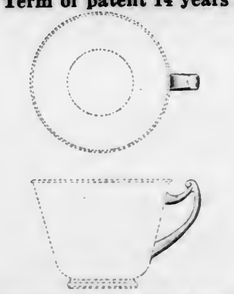
The ornamental design for a jar, as shown.

102,457
DESIGN FOR A BOWL
James E. Spence, Wheeling, W. Va., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va., a corporation of West Virginia
Application October 19, 1936, Serial No. 65,369
Term of patent 7 years



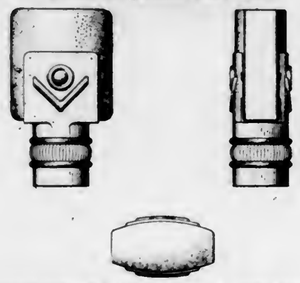
The ornamental design for a bowl as shown.

102,458
DESIGN FOR A CUP OR SIMILAR ARTICLE
Sidney E. Thompson, West Englewood, N. J.
Application April 8, 1936, Serial No. 62,008
Term of patent 14 years



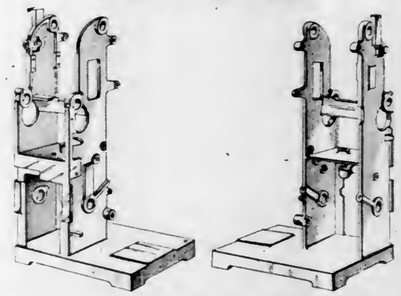
The ornamental design for a cup or similar article as shown and described.

102,459
DESIGN FOR A COMBINED ERASER AND PENCIL TIP
Horace B. Van Dorn, Maplewood, N. J., assignor to Joseph Dixon Crucible Company, Jersey City, N. J., a corporation of New Jersey
Application November 5, 1936, Serial No. 65,702
Term of patent 14 years



The ornamental design for a combined eraser and pencil tip, as shown.

102,460
DESIGN FOR A FRAME FOR LABELING MACHINES OR SIMILAR ARTICLES
George W. von Hofe, Bound Brook, N. J., and Bernard D. Dans, Brooklyn, N. Y., assignors to New Jersey Machine Corporation, Hoboken, N. J., a corporation of New Jersey
Application May 26, 1936, Serial No. 62,850
Term of patent 14 years



The ornamental design for a frame for labeling machines or similar articles as shown.

102,461
DESIGN FOR A POLYGONAL CIGARETTE LIGHTER
Alexander Sydney Weston, New York, N. Y.
Application October 5, 1936, Serial No. 65,163
Term of patent 3½ years



The ornamental design for a polygonal cigarette lighter as shown.

102,462
DESIGN FOR A CONTAINER CAP
Georges Wilmet, New York, N. Y., assignor to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania
Application August 24, 1936, Serial No. 64,535
Term of patent 7 years



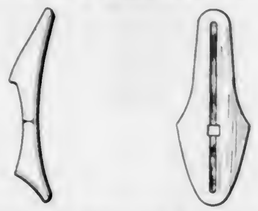
The ornamental design for a container cap as shown.

102,463
DESIGN FOR AN EMBROIDERED NET
Jack J. Blackstone, New York, N. Y.
Application November 19, 1936, Serial No. 66,008
Term of patent 3½ years



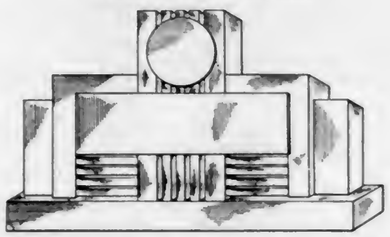
The ornamental design for an embroidered net substantially as shown and described.

102,464
DESIGN FOR A BUMPER BAR GUARD OR SIMILAR ARTICLE
Joseph Galamb, Detroit, Mich., assignor to Ford Motor Company, Dearborn, Mich., a corporation of Delaware
Application November 17, 1933, Serial No. 49,776
Term of patent 14 years



The ornamental design for a bumper bar guard or similar article substantially as shown.

102,465
DESIGN FOR AN ADVERTISING SIGN
Ranch S. Kimball, Salt Lake City, Utah
Application May 25, 1936, Serial No. 62,816
Term of patent 14 years



The ornamental design for an advertising sign, as shown.

102,466
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Bert Klein, New York, N. Y.
Application November 21, 1936, Serial No. 66,666
Term of patent 3½ years



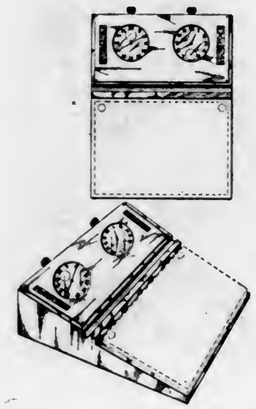
The ornamental design for a textile fabric or similar article as shown.

102,467
DESIGN FOR A LIQUID SPRAYER
Fred Lindell, Chicago, Ill.
Application November 7, 1936, Serial No. 65,768
Term of patent 3½ years



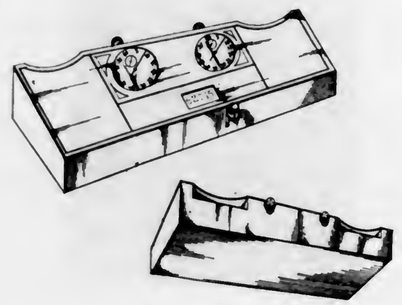
The ornamental design for a liquid sprayer substantially as shown and described.

102,468
DESIGN FOR A COMBINED TELEPHONE CHRONOMETER AND RECORDING DESK PAD STAND
James J. McCoy, New York, N. Y.
Application September 17, 1936, Serial No. 64,900
Term of patent 3½ years



The ornamental design for a combined telephone chronometer and recording desk pad stand substantially as shown.

102,469
DESIGN FOR A TELEPHONE SWITCHBOARD CHRONOMETER STAND
James J. McCoy, New York, N. Y.
Application October 28, 1936, Serial No. 65,553
Term of patent 3½ years



The ornamental design for a telephone switchboard chronometer stand substantially as shown.

102,470
DESIGN FOR AN AUTOMOBILE HEATER
Alfred L. Mell, Chicago, Ill., assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application November 14, 1936, Serial No. 65,907
Term of patent 14 years



The ornamental design for an automobile heater as shown and described.

102,471
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Willard D. Roberson, New York, N. Y., assignor to Morton D. Kornfeld, New York, N. Y.
Application November 24, 1936, Serial No. 66,118
Term of patent 3½ years

The ornamental design for a textile fabric or similar article as shown and described.

102,472
DESIGN FOR A SHOE
Theodore Samuels, St. Louis, Mo.
Application May 26, 1936, Serial No. 62,844
Term of patent 3½ years



The ornamental design for a shoe substantially as shown.

102,473
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Irene Weitz, Brooklyn, N. Y.
Application November 19, 1936, Serial No. 66,019
Term of patent 3½ years



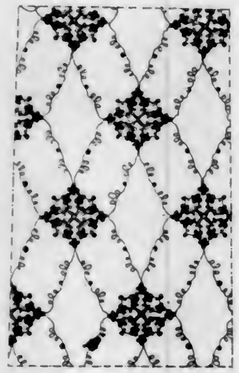
The ornamental design for a textile fabric or similar article as shown.

102,474
DESIGN FOR A TEXTILE FABRIC
Hans W. Wilde, North Bergen, N. J.
Application November 27, 1936, Serial No. 66,151
Term of patent 3½ years



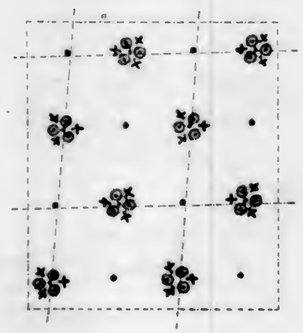
The ornamental design for a textile fabric, substantially as shown.

102,475
DESIGN FOR AN EMBROIDERED TEXTILE FABRIC
Jack J. Blackstone, New York, N. Y.
Application November 28, 1936, Serial No. 66,182
Term of patent 3½ years



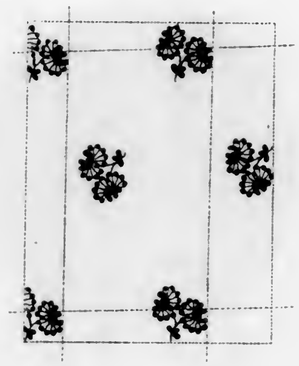
The ornamental design for an embroidered textile fabric substantially as shown.

102,476
DESIGN FOR AN EMBROIDERED TEXTILE FABRIC
Jack J. Blackstone, New York, N. Y.
Application November 28, 1936, Serial No. 66,183
Term of patent 3½ years



The ornamental design for an embroidered textile fabric substantially as shown and described.

102,477
DESIGN FOR AN EMBROIDERED TEXTILE FABRIC
Jack J. Blackstone, New York, N. Y.
Application November 28, 1936, Serial No. 66,184
Term of patent 3½ years



The ornamental design for an embroidered textile fabric, substantially as shown and described.

102,478
DESIGN FOR A TEXTILE FABRIC
Herman Chopak, New York, N. Y.
Application December 1, 1936, Serial No. 66,216
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

102,479
DESIGN FOR A PRINTED TEXTILE FABRIC OR SIMILAR ARTICLE
Marion R. Hamre, Brooklyn, N. Y.
Application December 1, 1936, Serial No. 66,229
Term of patent 3½ years



The ornamental design for a printed textile fabric or similar article, as shown.

102,480
DESIGN FOR A PRINTED TEXTILE FABRIC OR SIMILAR ARTICLE
Marion R. Hamre, Brooklyn, N. Y.
Application December 1, 1936, Serial No. 66,230
Term of patent 3½ years



The ornamental design for a printed textile fabric or similar article, as shown.

102,481
DESIGN FOR A TEXTILE FABRIC
Eugene Irving Hanson, New York, N. Y.
Application October 23, 1936, Serial No. 65,434
Term of patent 3½ years



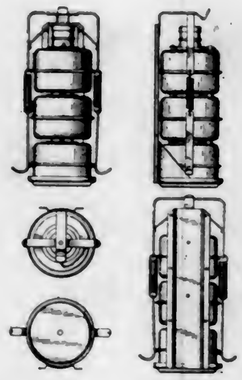
The ornamental design for a textile fabric, substantially as shown and described.

102,482
DESIGN FOR A TEXTILE FABRIC
Eugene Irving Hanson, New York, N. Y.
Application October 23, 1936, Serial No. 65,435
Term of patent 3½ years



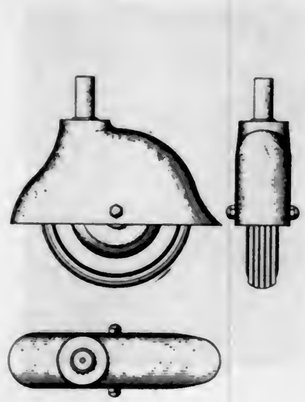
The ornamental design for a textile fabric substantially as shown and described.

102,483
DESIGN FOR COMBINED TRUCK FLARES AND SUPPORTING BRACKET THEREFOR
James H. Horsley, Chicago, Ill.
Application July 27, 1936, Serial No. 64,090
Term of patent 14 years



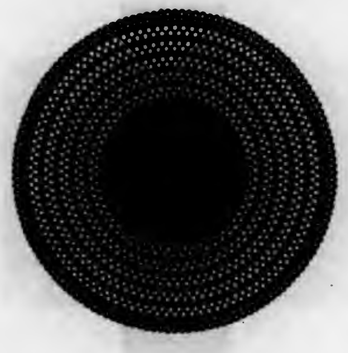
The ornamental design for combined truck flares and supporting bracket therefor, substantially as shown and described.

102,484
DESIGN FOR A CASTER
Ernest Kaiser, Chicago, Ill., assignor to Frigid Fluid Company, Chicago, Ill., a corporation of Illinois
Application May 25, 1936, Serial No. 62,832
Term of patent 3½ years



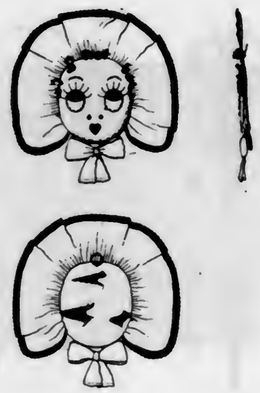
The ornamental design for a caster, as shown.

102,485
DESIGN FOR A DOILY OR SIMILAR ARTICLE
Edward Karfiol, Great Neck, N. Y.
Application November 3, 1936, Serial No. 65,669
Term of patent 14 years



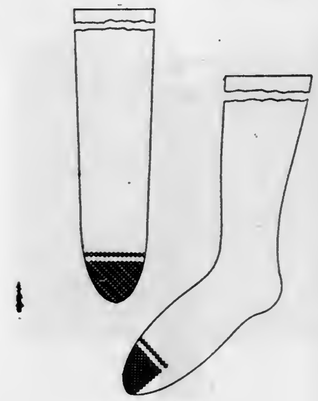
The ornamental design for a doily or similar article, substantially as shown.

102,486
DESIGN FOR A PINCUSHION
Patience M. McKay, Oakland, Calif.
Application October 21, 1936, Serial No. 65,390
Term of patent 7 years



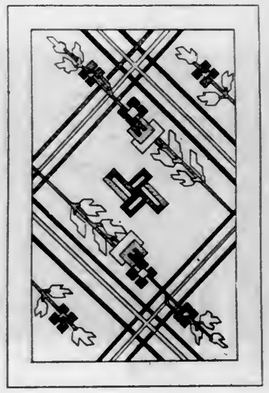
The ornamental design for a pincushion, substantially as shown.

102,487
DESIGN FOR HOSIERY
Louis H. Mendelsohn, Paterson, N. J.
Application June 6, 1936, Serial No. 63,051
Term of patent 14 years



The ornamental design for hosiery as shown and described.

102,488
DESIGN FOR A RUG
Carl Mentrup, Brooklyn, N. Y.
Application November 3, 1936, Serial No. 65,670
Term of patent 3½ years



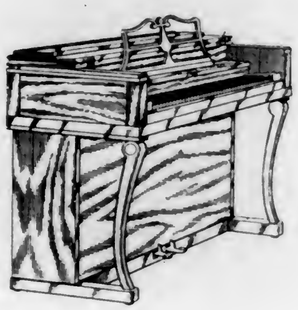
The ornamental design for a rug, substantially as shown.

102,489
DESIGN FOR A PLASTIC TUBE OR SIMILAR ARTICLE
Edmund H. Tyson, Caldwell, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application July 15, 1936, Serial No. 63,859
Term of patent 7 years



The ornamental design for a plastic tube or similar article, substantially as shown.

102,490
DESIGN FOR A PIANO
William Zaiser, Rockville Centre, N. Y., assignor, by mesne assignments, to The Rudolph Wurlitzer Company, Cincinnati, Ohio, a corporation of Ohio
Application September 30, 1936, Serial No. 65,078
Term of patent 3½ years



The ornamental design for a piano, substantially as shown.

102,491
DESIGN FOR LACE
Edward E. Bancroft, West Warrick, R. I.
Application November 27, 1936, Serial No. 66,154
Term of patent 3½ years



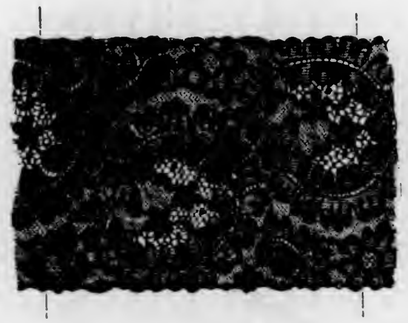
The ornamental design for lace, substantially as shown.

102,492
DESIGN FOR A DRESS
Louis Baum, New York, N. Y.
Application November 13, 1936, Serial No. 65,870
Term of patent 3½ years



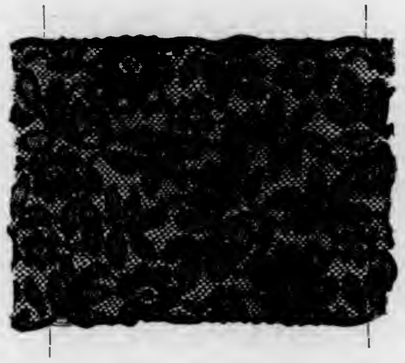
The ornamental design for a dress, substantially as shown.

102,493
DESIGN FOR A LACE
Leon Birnbaum, New York, N. Y.
Application November 25, 1936, Serial No. 66,127
Term of patent 3½ years



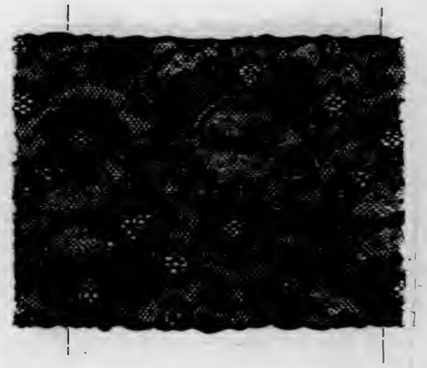
The ornamental design for a lace substantially as shown and described.

102,494
DESIGN FOR A LACE
Leon Birnbaum, New York, N. Y.
Application November 25, 1936, Serial No. 66,128
Term of patent 3½ years



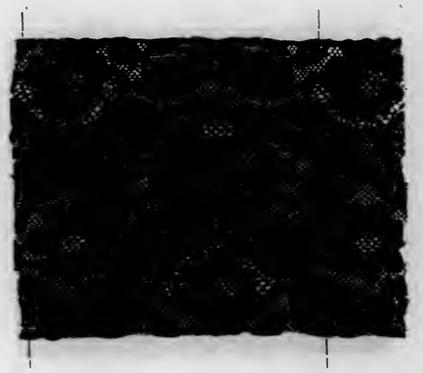
The ornamental design for a lace substantially as shown and described.

102,495
DESIGN FOR A LACE
Leon Birnbaum, New York, N. Y.
Application November 25, 1936, Serial No. 66,129
Term of patent 3½ years



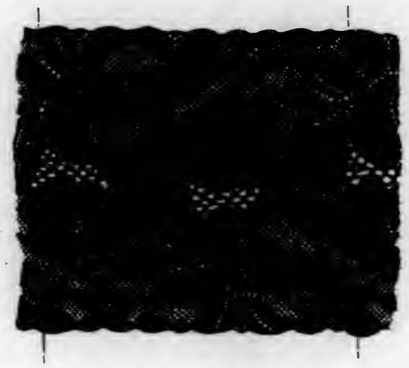
The ornamental design for a lace substantially as shown and described.

102,496
DESIGN FOR A LACE
Leon Birnbaum, New York, N. Y.
Application November 28, 1936, Serial No. 66,180
Term of patent 3½ years



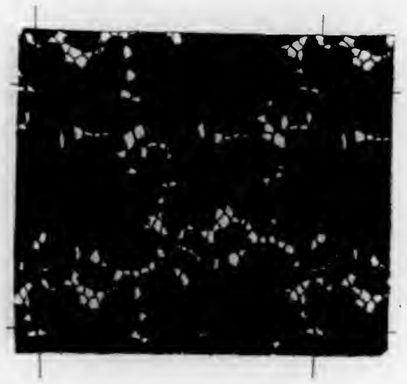
The ornamental design for a lace substantially as shown and described.

102,497
DESIGN FOR A LACE
Leon Birnbaum, New York, N. Y.
Application November 28, 1936, Serial No. 66,181
Term of patent 3½ years



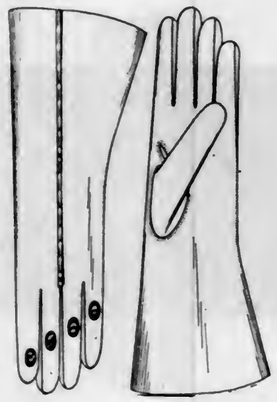
The ornamental design for a lace, substantially as shown and described.

102,498
DESIGN FOR A LACE
Bert Edson, Pawtucket, R. I., assignor to New England Lace Mills, Inc., New York, N. Y.
Application November 25, 1936, Serial No. 66,130
Term of patent 3½ years



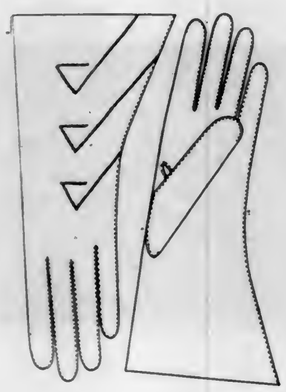
The ornamental design for a lace substantially as shown and described.

102,499
DESIGN FOR A GLOVE
Wallace E. Meyers, New York, N. Y.
Application November 23, 1936, Serial No. 66,099
Term of patent 3½ years



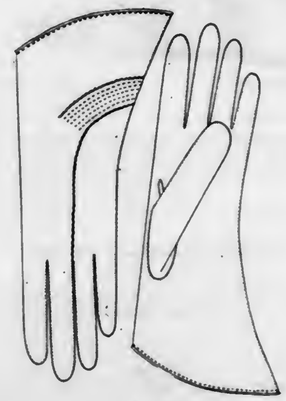
The ornamental design for a glove, substantially as shown.

102,500
DESIGN FOR A GLOVE
Wallace E. Meyers, New York, N. Y.
Application November 28, 1936, Serial No. 66,179
Term of patent 3½ years



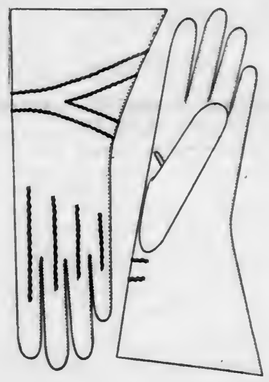
The ornamental design for a glove, substantially as shown.

102,501
DESIGN FOR A GLOVE
Wallace E. Meyers, New York, N. Y.
Application December 1, 1936, Serial No. 66,218
Term of patent 3½ years



The ornamental design for a glove, substantially as shown.

102,502
DESIGN FOR A GLOVE
Wallace E. Meyers, New York, N. Y.
Application December 1, 1936, Serial No. 66,219
Term of patent 3½ years



The ornamental design for a glove, substantially as shown.

102,503
DESIGN FOR A DRESS
David William Price, New York, N. Y.
Application November 14, 1936, Serial No. 65,894
Term of patent 3½ years



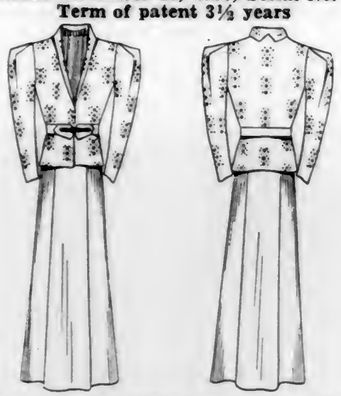
The ornamental design for a dress, substantially as shown.

102,504
DESIGN FOR A DRESS
David William Price, New York, N. Y.
Application November 14, 1936, Serial No. 65,895
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

102,505
DESIGN FOR A DRESS
David William Price, New York, N. Y.
Application November 17, 1936, Serial No. 65,968
Term of patent 3½ years



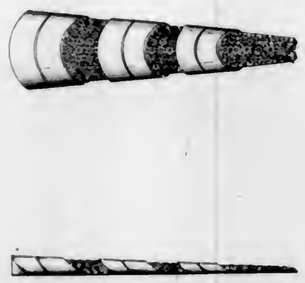
The ornamental design for a dress, substantially as shown and described.

102,506
DESIGN FOR A DRESS
David William Price, New York, N. Y.
Application November 23, 1936, Serial No. 66,098
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

102,507
DESIGN FOR JEWELED METAL TRIMMING OR THE LIKE
Alfred F. Reilly, North Attleboro, Mass., assignor to Evans Case Company, a corporation of Massachusetts
Application November 18, 1936, Serial No. 65,991
Term of patent 3½ years



The ornamental design for jeweled metal trimming or the like as shown.

102,508
DESIGN FOR JEWELED METAL TRIMMING OR THE LIKE
Alfred F. Reilly, North Attleboro, Mass., assignor to Evans Case Company, a corporation of Massachusetts
Application November 18, 1936, Serial No. 65,992
Term of patent 3½ years



The ornamental design for a jeweled metal trimming or the like as shown.

Patents Nos. 2,065,496 to 2,066,308

THE
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OF THE
United States Patent Office

Vol. 473—No. 5 TUESDAY, DECEMBER 29, 1936 Price—$16 per year

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December 29, 1936

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Designs	92—No.	102,509 to No.	102,600, inclusive.
Total	1,237		

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,826,900, Hans Schrader, Process of producing emulsions, decided December 8, 1936, claims 1, 8, and 10.

Pat. 1,858,210, A. J. McMaster and C. E. Parson, Electronic tube, decided October 19, 1936, claim 2.

Pat. 1,901,158, T. T. Gray, Refining hydrocarbons, decided December 7, 1936, claims 1, 2, 3, 4, 5, 6, 7, 10, 14, and 16.

Pat. 1,985,597, W. S. Calcott and M. O. Foreman, Fungicide, decided November 17, 1936, claims 1, 2, 6, and 7.

Pat. 1,995,956, L. V. Aronson, Receptacle, decided October 23, 1936, claims 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, and 11.

Reissue Pat. 17,531, W. P. Heath, Method and means for tuning radioreceivers, decided November 3, 1936, claims 35, 36, and 37.

Reissue Pat. 19,428, P. M. Salerni, Power transmission mechanism, decided October 19, 1936, claims 1, 2, 3, and 4.

Interference Notice

U. S. PATENT OFFICE, *Washington, Dec. 1, 1936.*

Thomas J. Donovan, Jr., his assigns or legal representatives, take notice:

An interference having been declared by this Office between Patent No. 1,981,724, granted November 20, 1934, to Thomas J. Donovan, Jr., 3034 Frankford Avenue, Philadelphia, Pennsylvania, and the application for patent of Bruce J. Davidson, 8300 Talbot Street, Kew Gardens, New York, and a notice of such declaration sent by registered mail to said Donovan at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Donovan, his assigns or legal representatives shall enter an appearance therein within thirty days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Notice of Cancellation

U. S. PATENT OFFICE, *Washington, Dec. 7, 1936.*

Utiliten Corporation, its assigns or legal representatives take notice:

An application for cancellation having been filed in this Office by Williams Oil-O-Matic Heating Corporation, 1201 East Bell Street, Bloomington, Ill., to effect the cancellation of trade-mark registration of Utiliten Corporation, 420 Lexington Avenue, New York, N. Y., No. 330,544, dated December 3, 1935, and the notice of such proceeding sent by registered mail to the said Utiliten Corporation at the said address having been returned by the post office undeliverable, notice is hereby given that unless said Utiliten Corporation, its assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order the cancellation will be proceeded with as in the case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JUSTIN W. MACKLIN.
First Assistant Commissioner.

NOTICE

Board of Appeals—Decisions—Time for Response

U. S. PATENT OFFICE, *Washington, January 28, 1935.*

There appears to be some confusion among attorneys and applicants as to the time within which action must be taken in applications following a decision of the Board of Appeals.

The decision of the Board of Appeals is "an action" in the application, and, in order to save the application from abandonment, amendment must be filed within six months from the date of that decision unless an appeal has been taken to the Court of Customs and Patent Appeals or review of the decision sought by a bill in equity under section 4915.

The Examiner will not notify the applicant of the decision of the Board of Appeals.

CONWAY P. COE,
Commissioner.

Condition of Applications Under Examination at Close of Business December 12, 1936

(Total number of applications awaiting action, excluding Trade-Mark Division, 34,657; Trade-Mark Division, 1,842. Oldest new case, June 6, 1936; oldest amended, June 10, 1936.)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. LOEFFLER, F. A., Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Sept. 24	Oct. 1	293
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco, Velocipedes; Butchering; Bee Culture.	July 31	Aug. 3	997
4093	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	Oct. 1	Sept. 30	383
7083	4. DONNELLY, A. E. (Act.), Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders; Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Aug. 13	Aug. 15	587
3077	5. MACNAB, J. F., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons, Etc.	Sept. 10	Sept. 8	412
4898 C	6. LEWERS, A. M., Carbon Chemistry (part)	Aug. 17	Aug. 20	694
5725	7. JARBOE, C. G., Optics; Photography	Sept. 15	Sept. 15	761
3885	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Sept. 10	Sept. 16	433
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Sept. 21	Sept. 28	355
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops; Vehicle Fenders	Sept. 17	Sept. 17	343
5087 B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Sept. 18	Sept. 29	376
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms	Sept. 15	Sept. 15	335
5096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Oct. 5	Oct. 5	383
5097	14. SMITH, G. A. (Act.), Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	Aug. 19	Aug. 19	587
4897	15. HENKIN, BENJ. (Act.), Glass; Plastic Block and Earthenware Apparatus; Plastics	Sept. 15	Sept. 15	826
5612	16. SPENCER, C. J., Telegraphy; Telephony	Sept. 4	Sept. 4	712
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Sept. 14	Sept. 16	538
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Aug. 15	Aug. 19	453
4096	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Aug. 29	Aug. 31	633
6605	20. BROWN L. M., (Act.), Miscellaneous Hardware; Closure Fasteners; Locks; Latches; Safes; Undertaking; Bread, Pastry, and Confection Making.	Aug. 26	Sept. 3	398
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	Sept. 12	Sept. 15	207
5724	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Sept. 19	Sept 19	574
7624	23. BUTTNER, W. J. (Act.), Coin Handling; Recorders; Registers	June 6	June 10	513
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Sept. 30	Sept. 19	503
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Sept. 14	Sept. 12	541
5893	26. ADAMS, W. M., Electricity; Generation; Motive Power	Sept. 29	Oct. 1	280
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	July 21	July 21	785
4628	28. SOLYOM, H. L., Internal-Combustion Engines	Sept. 10	Aug. 12	338
5082	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Sept. 15	Sept. 17	495
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Aug. 13	Aug. 13	642
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Sept. 21	Sept. 14	465
4086	32. ARMSTRONG, HOWARD M. (Act.), Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation, Agitating.	Sept. 18	Sept. 26	469
6096	33. WYMAN, W. L., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads.	Sept. 9	Sept. 8	725
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Sept. 15	Sept. 17	376
3605	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Aug. 1	July 21	593
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Sept. 23	Sept. 12	244
5886 B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Aug. 28	Sept. 1	558
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stoneworking; Wells; Plastic Compositions.	Sept. 21	Oct. 2	368
4872	39. WHITNEY, F. I., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Oct. 14	Oct. 14	309
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Aug. 7	Aug. 11	1075
6082	41. WHITNEY, M. L., Railway and Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes; Railway Draft Appliances; Spring Devices; Typewriting Machines.	Aug. 27	Aug. 27	510
5882	42. CUTTING, H. O., Electric Signaling	Sept. 16	Aug. 28	406
4886 B	43. KLINGE, E. F., Medicines, Poisons and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Sept. 12	Sept. 12	634
4087 B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Aug. 25	Aug. 27	617
7097	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling.	Sept. 10	Sept. 19	320
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Sept. 8	Sept. 9	578
7600	47. BARKER, H., Clutches; Brakes	Sept. 26	Sept. 17	448
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	Sept. 14	Sept. 14	546
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Oct. 1	Sept. 23	398
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Sept. 15	Sept. 15	513
5028	51. BACKUS, C. D., Radiant Energy	Sept. 22	Sept. 22	669
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Sept. 23	Oct. 9	527
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Aug. 18	Aug. 18	906
5874	54. STRAUHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	Sept. 21	Sept. 23	330
6887	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Aug. 3	Aug. 14	685
4725	56. CHANDLER, G. V., (Act.), Electrochemistry; Laminated Fabrics; Paper Making, Substance Preparation.	Sept. 12	Sept. 12	876
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Aug. 17	Aug. 29	364
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	Sept. 14	Sept. 14	308
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part).	Sept. 21	Oct. 2	412
5896	60. GLASS, R. L., Electricity, Heating, and Welding; Batteries; Resistances and Rheostats; Prime-Mover Dynamo Plants.	Aug. 6	Aug. 6	572
6724	61. PARKS, G. E., Laminated Electrical Insulation, Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Sept. 14	Sept. 30	237
3876	62. PUGH, E. C., Games; Geometrical Instruments	Sept. 17	Sept. 21	445
4888	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting; Fermentation	Sept. 15	Sept. 15	401
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Sept. 18	Sept. 17	648
5624	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	July 3	June 30	780
2099 B	Trade-Marks, Labels, and Prints: F. A. RICHMOND	Nov. 9	Nov. 28	1496
	Trade-Marks	Nov. 12	Nov. 27	346
	Labels and Prints	Nov. 16	Nov. 27	565
2605	Designs, H. H. KALUPY			

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE ARMSTRONG

No. 3,644. Decided June 8, 1936

[83 F.(2d) 924]

PATENTABILITY—MERCURY SWITCH DEVICE.

Claims for a mercury switch device *Held* patentable in view of the unusual, unexpected and useful results produced by the device.

APPEAL from the Patent Office. Reversed.

Mr. Spencer B. Michael, Mr. Charles S. Burton, and *Mr. Robert N. Burton* for Armstrong.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

BLAND, *J.:*

Appellant has appealed here from the decision of the Board of Appeals of the United States Patent Office, affirming that of the Examiner denying patentability in view of the prior art of claims 13, 17, and 19 of his application for patent relating to a mercury switch. A large number of claims were allowed but none as broad as the claims here involved.

Claim 13 illustrates the nature of the subject matter involved and is representative of the three rejected claims. It follows:

13. A mercury switch device having a chambered body member comprising two commercially pure iron parts insulatedly mounted one upon the other with means rendering the chamber enclosed gas-tight, and arranged for connection with a source of gas under super-atmospheric pressure, said insulated parts having respective conductive surface portions exposed interiorly of the chamber insulatedly spaced apart therein a substantial distance, said device being mounted for movement between two oppositely inclined positions; a body of mercury enclosed in the chamber in quantity sufficient to bridge the insulating space between said exposed surface portions, to establish mercury communications between them when the device is in one of said positions, and hydrogen gas compressed at a substantial degree in excess of atmospheric pressure sealed in said chamber.

The references relied upon are: Tesla, 611,719, October 4, 1898; Clark, 783,612, February 28, 1905; Brown, 1,369,882, March 1, 1921; Phelan, 1,598,874, September 7, 1926; Stern, 1,746,369, February 11, 1930.

Two additional references, Machlett, 1,789,556, of January 20, 1931, and Badger, 1,691,912, of November 20, 1928, were referred to by the Examiner as "of interest," and illustrate certain features of the prior art.

Appellant's tilting tube mercury switch consists of an iron shell, closed at one end, a bolt-like member entering the opposite end, a soft rubber plug surrounding the bolt-like member and a partial filling of mercury. The outer shell constitutes one circuit terminal, and the bolt-like member the other terminal, and the arrangement is such that the mercury makes and breaks the circuit as the switch is tilted.

Appellant's switch is designed to be evacuated of air and filled with hydrogen gas and then tightly sealed. To permit of this the aperture through the rubber plug is made slightly larger than the electrode which passes through it and a washer having radial passages is placed under the nut on the end of the central electrode. In this manner is provided a passage for the gas through the radial passages of the washer and the annular space between the central electrode and the rubber plug, into the interior of the switch. Some of the features above described and others not herein involved or referred to are set out by the Examiner.

The broad claims at bar, which were rejected on the prior art, call for a combination of the three following old elements, which combination of elements appellant relies upon for patentability of the claims:

(1) pure iron electrode
(2) hydrogen gas occupying the mercury-containing chamber
(3) super-atmospheric pressure operating on the hydrogen gas in the chamber.

Claims 13 and 19 were rejected as uninventive over Clark in view of features of Tesla and Phelan.

Clark shows the general arrangement of a mercury switch having an outer metal shell closed at one end and a central electrode at the other end and with an insulating bushing interposed, all intended to function in the same manner as appellant's device. The outer shell is of "iron or steel" and the switch is sealed tightly.

Phelan discloses electrodes of "substantially pure iron," and an atmosphere of hydrogen at a pressure of substantially one atmosphere, and states that the electrodes are made from pure metals which are "substantially devoid of any impurities" and that the hydrogen "is in a high degree of purity."

Tesla shows the use of gas under high pressure in a mercury switch. The gas, however, is ammonia and high pressure is used for the purpose of reducing the severity of arcing. His outer casing is of "iron, steel or other proper material." His specification especially emphasizes the high gas pressure feature.

In discussing the Clark reference in connection with the rejection of these claims the Examiner states that Machlett emphasizes the arc extinguishing properties of a gas which is under high pressure.

Claim 17 was rejected as unpatentable over Clark in view of Brown or Stern and in further view of Tesla and Phelan. The Examiner stated that the gasket material referred to in the claim could be of the form shown in Clark or could be arranged in connection with a bolt compressor, as in Brown or Stern, without involving invention. The Examiner was also of the opinion that there was no limitation in the claim to prevent the structure of the gasket from reading upon Clark and that it would be obvious to seal Clark's chamber air tight

Clark, while showing no filling means, also states that the switch "may be exhausted of air." The Examiner then calls attention to the fact that a filling means could be provided by the "filling stem" of Badger.

The appellant and the Solicitor for the Patent Office concede that the patentability of the claims depends upon whether or not invention was involved in combining the features which were separately taught in the prior art referred to. It is not denied by anyone that all the features involved in appellant's combination claims at bar are to be found in the prior art.

Appellant's specification, and the affidavits which will be hereinafter discussed, emphasize as the important feature of his invention the fact that his device is so constructed that its life is many times the life of the ordinary commercial mercury switch which was on the market at the time he made his invention. The difficulty with the mercury switches used at the time appellant entered the field was that the electrodes became contaminated due to the passing of the electric spark through the gap in the making and breaking of the connection, so that, after about 100,000 makes and breaks, the switch would foul.

Appellant has shown by affidavits that tests were made by highly competent electrical engineers as to the durability of mercury switches other than appellant's. These tests were based upon the number of makes and breaks in the circuit before the switches became so contaminated that they failed to function. It is true that he does not show that switches made in accordance with the Clark and Phelan patents, and filled with inert gas, at superatmospheric pressure, as the Board has pointed out, were tested by these parties. The affidavits state very positively that tests were made, that certain well-known switches were given said tests, and one of the affiants addresses himself to a

"comparison of the performance of switches other than those made in accordance with the disclosure of said Armstrong application which have been, and are, commercially available for the uses to which mercury switches are applied,"

and the affidavits show clearly that such switches will not endure more than 200,000 makes and breaks and that in the commercial tests which were made of such switches, they were to be regarded as commercially acceptacle if they endured 100,000 makes and breaks. It is then shown that on November 10, 1934, after exhaustive tests by James S. Eagen, president and supervising engineer of the Simpson Instrument & Lens Corporation, appellant's switches, which were also then under test, were observed to have made over 59,700,000 makes and breaks, and that at that time they were still

"making clean and definite contacts and breaks, not showing any indications of approaching failure, but appear to be capable of indefinite endurance."

The Examiner pointed out that this affidavit was not sufficiently definite. Other affidavits were then submitted, including that of said James S. Eagen, who, under date of December 21, 1934, supplemented his former affidavit and stated that the appellant's switches, to which he referred on November 10, 1934,

"were being operated to open and close the circuits through 110 volt electric lamps, and that all five of said switches have continued in operation without interruption, and are still operating under 110 volts."

Affiant also stated that

"they undeniably demonstrated their ability to withstand a current of 5 amperes, opening and closing the circuit at the rate of 680 per minute, and that the endurance of these switches has reached, at the present time, 88,128,000 makes and breaks."

After the affidavits were filed, both Patent Office tribunals considered them, and the Examiner stated that he saw no reason presented by the affidavits to justify a change in his decision, and concluded that appellant had an improvement over old results which did not involve invention, except as to the claims which had been allowed. The Board, in affirming the decision of the Examiner, concluded that the good results claimed by appellant were merely the cumulative and expected result flowing from the several old features embodied in the combination.

Appellant argues in this court that the problem in the art which he solved involved inventing a way of preventing contamination of the electrodes and a fouling of the mercury and that the life of a switch depended upon the number of makes and breaks it experienced before contamination became such as to defeat the passage of the spark; that it was not obvious that the very remarkable, almost phenomenal, result which he obtained by his combination could be obtained from the combination above detailed, and suggests that if nothing more than the skill of the mechanic was required to bring about the desired result the problem would have been solved long before appellant entered the field. Tesla's patent was issued in 1898, Clark's in 1905, and Phelan's in 1926.

We are inclined to agree with appellant's views that the Board erred in holding that upon the record at bar the claims were properly rejected on the ground that the results obtained by appellant's work involved nothing more than mechanical skill. Of course, the mere fact that new and useful results flow from a combination of old art elements does not always mean that invention was required in bringing about such results. They must be such results that they could not be brought about by mechanical skill alone, with the aid of the prior art. It seems to us that appellant's solution of the problem produced such unusual, unexpected, and useful results that it must have involved invention, or at least there is such a doubt on the question as to warrant granting appellant a patent for his broad invention which involved cooperatively combining old elements.

In *Ohmer Fare Register Co.* v. *Ohmer et al.*, 238 Fed. 182, 190, it was said:

• • • Even if every element of the claims were found in the prior art, invention would still exist if by their combination a new and useful result is obtained, or an old result in a new and materially better way; • • • .

Other such broad statements may be found in the decided cases, but of course invention must be involved. For instance, in *Independent Oil Well Cementing Co.* v. *Halliburton et al.*, 54 F.(2d) 900, 906, it is said:

• • • It is sufficient that the elements so coact or cooperate that as a consequence of their union a new and useful result or an old result in a more facile, economical, or efficient way, and not a mere aggregation of the product of each element, is produced • • •.

It was said in *International Mausoleum Co.* v. *Sievert et al.*, 213 Fed. 225, 230:

• • • for, even if it shall turn out that each element of the combination was old, yet, if the combination produces a new and useful result, the inventor is entitled to the protection of the patent. • • •

In *Buono et al.* v. *Yankee Maid Dress Corporation*, 7 F. Supp. 793, 796, the District Court for the Eastern District of New York, in an opinion by Judge Campbell, said:

The history of the development of this art shows that the patentee of the patents in suit accomplished what others for a long time had sought without success, and this is strong evidence of their patentability. • • •

We quote the following statement from *N. O. Nelson Mfg. Co.* v. *F. E. Myers & Bro. Co.*, 25 F.(2d) 659, 663:

• • • Although every element of a patent combination is old, invention still exists if the combination either produces a new and useful result, or effects an old result in a new and materially better way. • • •

In a recent case, *Wach* v. *Coe*, 77 F.(2d) 113, 453 O. G. 463, by the Court of Appeals of the District of Columbia, in an opinion by Mr. Justice Robb, it was said, quoting from *Paramount Publix Corp.* v. *American Tri-Ergon Corp.*, 294 U. S. 464, 452 O. G. 701:

• • • Where the method or device satisfies an old and recognized want, invention is to be inferred, rather than the exercise of mechanical skill. For mere skill of the art would normally have been called into action by the generally known want. • • •

In *In re Champeau*, 17 C. C. P. A. (Patents) 568, 34 F.(2d) 1012, 388 O. G. 783, this Court said:

We are unable to see, after an examination of these references, why the appellant is not entitled to the patent he claims. It is true that the references show that prior to appellant's application the various elements going to make up appellant's device were each well known. It is true also that a somewhat similar result might be obtained, at least, by Taepke's patent. But even though there be nothing novel in the elements combined, if applicant here has, by a combination of known elements, accomplished a new and useful result, he is entitled to his patent. • • •

In *In re Merriman*, 22 C. C. P. A. (Patents) 923, 930, 74 F.(2d) 944, 455 O. G. 508, we said:

It is true that the patent to Tellander taught that hollow articles might be cast in metallic molds having a metallic core so that their surfaces would be smooth and hard. It may be, now that appellant has solved the problem confronting those engaged in the production of manhole frames and covers, that it seems simple to combine the references of record so as to produce appellant's claimed invention. However, the patent to Tellander, was issued in 1881, and the last issued patent of record having any bearing on the subject, the British patent to Needham, was issued in 1923. Accordingly, it seems strange indeed, considering the facts of record, that those skilled in the art should, for many years, resort to the expensive operation of machining in order to secure accurately engaging surfaces of manhole cover seats and covers, if appellant's claimed process and product were obvious to them.

It is argued by the Solicitor for the Patent Office that the instant case falls within the rule laid down in *In re Hugh Rodman*, 19 C. C. P. A. (Patents) 743, 53 F.(2d) 895, 415 O. G. 755, where is found the following language:

The reasoning in *De Forest Radio Co.* v. *General Electric Co.*, 283 U. S. 664, we think is controlling of the decision in this case. There the Langmuir high-vacuum tube was concedely better than the prior art De Forest audion or vacuum tube, from which it differed by using a higher vacuum, or lower air content, in the tube. The Supreme Court of the United States held that there was no invention in changing the degree of vacuum, notwithstanding the improved results, because the high vacuum was suggested by other prior art.

In the last-above-cited case, the claimed improvement did not consist in combining old elements so that they would coact and cooperate to produce a new and useful result, but consisted in obtaining better results in casehardening steel articles by using a grade of coke better than the prior art taught. This, we said, did not involve invention. So it was in the case of *De Forest Radio Co.* v. *General Electric Co.*, 283 U. S. 664, 408 O. G. 283, Langmuir obtained better results by using a higher vacuum than that which was taught by the prior art. The Supreme Court of the United States said that there was no invention in changing the degree of vacuum. These two decisions, as we see it, turn upon a principle in no way involved in the case at bar. Here, we are not concerned with a question of the degree of the effect of a single element, but with a result of a cooperative combination of elements.

For the reasons stated, we think the claims should be allowed, and the decision of the Board of Appeals is reversed.

Reversed.

U. S. Court of Customs and Patent Appeals

MOSS AND CRUTCHFIELD *v.* ELLIS

No. 3,666. Decided June 17, 1936

[84 F.(2d) 224]

INTERFERENCE—PRIORITY—RIGHT TO MAKE CLAIMS.

Record reviewed and *Held* that E., the senior party, has a right to make the claims in issue and that M. and C., having alleged no date of conception prior to E.'s filing date, priority was properly awarded to the latter.

APPEAL from the Patent Office. Affirmed.

Mr. I. Seltzer and *Mr. C. W. Levinson* for Moss and Crutchfield.

Mr. Sol Shappirio for Ellis.

GARRETT, *J.*:

We are here called upon to review a decision of the Board of Appeals of the United States Patent Office in an interference proceeding, eight counts being involved. Four of the counts are for the method described and four for the article produced.

Counts 1 and 5 are illustrative:

1. In the method of forming laminated glass having a layer of a material containing an organic derivative of cellulose between sheets of glass, the step of applying an adhesive coating composition containing a urea-phenol-aldehyde resin that is compatible with said derivative of cellulose.

5. Laminated glass having at least one layer of a plastic sheet containing an organic derivative of cellulose interposed between sheets of glass and having a film of a urea-phenol-aldehyde resin to cause adhesion between the plastic sheet and the glass.

The counts originated as claims in a patent, No. 1,870,018, granted to appellants, Moss and Crutchfield, August 2, 1932, upon an application filed November 2, 1928, entitled "Laminated Glass and Method of Making the Same." At the time of the issuance of said patent, appellee, Ellis, had pending in the Patent Office an application, Serial No. 185,660, filed April 21, 1927, entitled, "Laminated Vitriform Sheets and Process of Making Same," into which he copied the claims that became the counts. The interference was declared November 25, 1932. As declared it included eleven counts, but as to three of these the interference was dissolved and no appeal was taken by Ellis from the order of dissolution.

The date of conception alleged by Moss and Crutchfield in their preliminary statement was subsequent to the filing date of the Ellis application. Moss and Crutchfield were accordingly served with notice to show cause why judgment upon the record should not be entered against them. In response they moved to dissolve the interference on the ground that Ellis failed to disclose the subject matter of the counts in his application as originally filed. The Examiner of Interferences overruled the motion as to the counts here involved and awarded priority to Ellis, the senior party. His decision being affirmed by the Board of Appeals the instant appeal to this court followed.

An analysis of the counts shows the following elements: (1) Panes or sheets of glass between which is interposed (2) a layer of material containing an organic derivative of cellulose which is caused to adhere to the panes of glass by (3) an adhesive coating composition containing a urea-phenol-aldehyde resin.

It may be added that counts 2, 4, 6, and 8 specify cellulose acetate as the organic cellulose derivative, and claims 1 and 2 require a urea-phenol-aldehyde resin that is "compatible" with the cellulose derivative.

Before us there is presented on behalf of appellants a twofold argument as to all the counts. First, it is urged that there is nothing in the Ellis application, as originally filed, to support the feature of an interposed layer containing an organic derivative of cellulose, and, second, nothing to support the feature of a bonding composition in which is contained a urea-phenol-aldehyde resin.

It is said in the beginning of the Ellis specification:

> This invention relates to laminated glass, composed of sheets of glass joined by plastic material containing urea formaldehyde resin or related substance.

Assuming that the phrase "containing urea formaldehyde resin *or related substance*" is not sufficient to cover urea-*phenol*-aldehyde resin, we proceed to consider the first contention made on behalf of appellants as above stated. [Italics ours.]

The specification of Ellis describes a method of preparing urea formaldehyde resin and then, after reciting the necessity of having a bonding agent resistant to change of color likely to result from exposure to sun and heat for use in joining the panes of glass, asserts that "The urea formaldehyde resin is notably resistant * * *," particularly when "made with organic acid reactants * * * such acids as phthalic acid * * * and the like."

From this particular part of the specification it would seem that Ellis may have been describing an agent for use in bonding the panes of glass without any layer of material, such as element 2 (above named) of the counts. At any rate, it says nothing of an organic cellulose derivative, but describes advantages of acidifying the resin in the manner described. However, immediately following this, the specification says:

> [The] Same observations hold true when between the sheets of glass there is interposed a sheet of celluloid or nitrocellulose composition, cellulose acetate, cellulose ether, and the like. Bodies such as nitrocellulose are rather readily affected by alkalies and to some extent by a high content of organic acid. Preferably, therefore, the urea resin used to join the sheet of nitrocellulose to the two sheets of glass is only faintly on the acid side.

It is clear that the foregoing is definite in teaching the use, if desired, in bonding panes of glass, of "cellulose acetate," the layer material specifically named in counts 2, 4, 6 and 8, and to us it seems sufficient, as it did to the tribunals of the Patent Office, to cover the element or layer described broadly in the other counts as "an organic derivative of cellulose."

The second point urged on behalf of appellants is that the Ellis application makes no disclosure of the feature of "a urea-phenol-aldehyde resin." It seems to have been agreed by both tribunals of the Patent Office that the term is not used in the said application, the Board saying, "The term 'urea-phenol-aldehyde resin' does not directly occur in the Ellis application."

It appears, however, that there was copending with this application another application of Ellis, being Serial No. 735,600, entitled, "Urea Product and Process of Making Same," which teaches the use of urea-phenol-formaldehyde resins for cementing mica flakes to produce composite sheets, and in the specification of the instant application of Ellis it is said:

> In connection with the employment of urea resin for the cementing of mica flake to produce composite sheets, reference is made to my copending application Serial No. 735,600. The various formulæ and procedures set forth therein with respect to mica may be applied herein, especially in conjunction with plasticizing agents as aforesaid.

The foregoing statement was regarded by both the Examiner of Interferences and the Board of Appeals as being a disclosure of the use of urea-phenol-aldehyde resin in the production of laminated glass, and they so held.

This holding is quite earnestly challenged on behalf of appellants and vigorous argument is presented, both orally and by brief, to the effect that application, Serial No. 735,600, of Ellis is confined wholly to the making of mica sheets. It is said in the brief:

> * * * Only in one place in this application [Serial No. 735,600] * * * is urea-phenol-formaldehyde resin mentioned, and in this place it is said that this resin is not recommended. * * *

The matter so alluded to is stated in the specification as follows:

> The invention however contemplates the use of urea resin whether made in acid, alkaline or neutral solution. It also may include urea phenol formaldehyde resin prepared for example by reacting on urea and phenol with formaldehyde in the presence of phthalic acid or other catalyst. For adherence to mica however the use of phenol is not recommended, at least in any influential amount since it tends to diminish the cementing power.

We are unable to concur in the soundness of the arguments made on behalf of appellants upon this point.

It is true that the last sentence of the statement above quoted discourages the use of urea phenol formaldehyde resin in the making of mica sheets, but its use is clearly taught even for those, and when this is coupled with the teaching of the specification relative to the use of such agent in bonding panes of glass, when a sheet of nitrocellulose is also used, it seems to us that the Ellis disclosure is entirely sufficient to support this feature of the counts.

The only remaining point pressed on behalf of appellants relates to the limitation contained in counts 1 and 2, which requires, as expressed in count 1, "a urea-phenol-aldehyde resin that is *compatible* with said derivative of cellulose." [Italics ours.] It is urged, in substance, that Ellis does not disclose how the urea-phenol-formaldehyde resin which he mentions may be made, while appellants do present a full disclosure of how to make the resin mentioned by them; that the limitation implies the existence of incompatible resins of the same type, and that in the absence of disclosure by Ellis of a method of producing the resin, this limitation is not supported by the Ellis specification.

We find nothing in the record to indicate that the word "compatible" is used in the counts in any technical sense which requires that it be given any other than its common meaning, which meaning, according to Webster's New International Dictionary, is, "Capable of coexisting in harmony; congruous; accordant; consistent; not repugnant;—usually followed by *with*."

When such meaning is given the term, we see no reason for disagreeing with the view concurred in by both tribunals of the Patent Office, to the effect that, as expressed by the Board, "the resins disclosed by Ellis are compatible with the cellulose derivative as called for in these counts."

Since, in our opinion, the disclosures of Ellis support the counts, which is the sole question at issue, and, since this is purely a question of fact, the decided cases cited on behalf of appellants require neither review nor comment.

The decision of the Board of Appeals is affirmed.

Affirmed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,262,860, S. B. Smith, Incubator, D. C., S. D. Iowa (Creston), Doc. E 4108, *S. B. Smith* v. *Miller Hatcheries, Inc.* Dismissed without prejudice Nov. 2, 1936. Doc. E 4112, *S. B. Smith* v. *Miller Hatcheries of Corydon, Inc.* Decree as above.

1,296,471, 1,307,846, L. S. Brainerd, Method of producing motion pictures; 1,301,538, same, Apparatus for making motion pictures, D. C., S. D. Calif. (Los Angeles), Doc. E V–111, *S. Warner Bros. Pictures, Inc.*, v. *Hal Roach Studios, Inc., et al.* Dismissed without prejudice Oct. 17, 1936.

1,301,538. (See 1,296,471.)

1,307,846. (See 1,296,471.)

1,334,539, W. H. Hutch, Toy fighting tank, D. C., S. D. N. Y., Doc. E 83/347, *Wolverine Supply & Mfg. Co. et al.* v. *Ay-Won Toy & Novelty Corp. et al.* Consent decree holding patent valid and infringed (notice Nov. 5, 1936).

1,550,332, P. A. Bancel, Surface condenser, D. C., E. D. Pa., Doc. 6125, *Ingersoll Rand Co.* v. *Westinghouse Electric & Mfg. Co.* Decree for defendant on counter-claim granting injunction Nov. 2, 1936.

1,593,426, Brown & Repass, Feeler mechanism for looms, filed Nov. 9, 1936, D. C. R. I., Doc. 549, *Draper Corp.* v. *A. E. Benson.*

1,635,829, O. A. Frederickson, Protecting coating for covered conductors and method of applying same, C. C. A., 2d Cir., Doc. 14755, *National Electric Products Corp.* v. *Circle Flexible Conduit Co., Inc., et al.* Decree reversed (notice Nov. 9, 1936).

1,731,967, L. J. Antonsen, Paper excelsior machine, filed July 16, 1936, D. C., S. D. Calif. (Los Angeles), Doc. E 975–H, *L. J. Antonsen et al.* v. *Angelus Paper & Excelsior Products Co.*

1,732,708, Withrow & Close, Burner, filed Nov. 9, 1936, D. C., N. D. Ohio, W. Div., Doc. E 1571, *The Toledo Pressed Steel Co.* v. *Montgomery, Ward & Co., Inc.*

1,777,427, H. Bregman, Toy telephone, C. C. A., 2d Cir., Doc. —, *The Steel Stamping Co.* v. *The N. N. Hill Brass Co.* Decree affirmed (notice Nov. 9, 1936).

1,818,923, H. J. Taylor, Method of applying an advertising medium to bakers' products; 1,849,774, same, Bread package, filed Nov. 10, 1936, D. C., S. D. Ohio, E. Div., Doc. 1197, *The Package Advertising Corp.* v. *Ohio Wax Paper Co.*

1,849,774. (See 1,818,923.)

1,875,228, R. L. Evans, Hair waving pad; 1,892,390, 1,892,426, 1,894,032, same, Method of and means for permanently waving hair, D. C., S. D. N. Y., Doc. E 80/148, *Zotos Corp.* v. *Julian Beauty Salon, Inc., et al.* Decree pro confesso for plaintiff (notice Nov. 5, 1936).

1,881,747, Litty & Lundin, Cake icing machine, filed Nov. 7, 1936, D. C., E. D. N. Y., Doc. E 8152, *J. R. Litty et al.* v. *Kolten Machine Co. Inc.*

1,892,390. (See 1,875,228.)

1,892,426. (See 1,875,228.)

1,894,032. (See 1,875,228.)

1,920,366, 2,053,839, L. H. McClintock, Decorative article, filed Nov. 4, 1936, D. C., S. D. Calif. (Los Angeles), Doc. E 1049–J, *L. H. McClintock* v. *W. R. Baur.*

2,015,008, W. E. Endrezze, Ore classifier, filed Nov. 4, 1936, D. C. Mont. (Butte), Doc. 1434, *W. E. Endrezze* v. *Anaconda Copper Mining Co.*

2,053, 839. (See 1,929,366.)

Adjudicated Patents

(D. C. N. Y.) Arnold patent, No. 1,390,267, for machine for making and applying tufts, *Held* invalid. *E. L. Mansure Co.* v. *Consolidated Trimming Corporation*, 16 F. Supp. 608.

(D. C. Mich.) Moesta patent, No. 1,548,204, for water-cooled portable electric welding machine, claims 3, 4, 11, and 12 *Held* invalid. *Moesta* v. *Briggs Mfg. Co.*, 16 F. Supp. 596.

(D. C. N. Y.) Carter patent, No. 1,623,996, for radio transmission system, claims 1, 2, 5, and 7 *Held* not infringed. *Radio Corporation of America* v. *Mackay Radio & Telegraph Co.*, 16 F. Supp. 610.

(D. C. N. Y.) Crossley patent, No. 1,694,341, for magnesium compound and process of producing the same, claims 1 and 3 *Held* invalid. *Plant Products Co.* v. *Charles H. Phillips Chemical Co.*, 16 F. Supp. 553.

(D. C. Mich.) Moesta patent, No. 1,703,683, for spot-welding machine, claims 1 and 2 *Held* invalid. *Moesta* v. *Briggs Mfg. Co.*, 16 F. Supp. 596.

(C. C. A. Pa.) Kusel patent, No. 1,847,839, for refrigerating apparatus assembly, claim 12 *Held* not infringed. *Roberts* v. *General Electric Co.*, 85 F.(2d) 964.

(D. C. N. Y.) Lindenblad patent, No. 1,884,006, for antenna, claims 23 to 27, inclusive, *Held* not infringed. *Radio Corporation of America* v. *Mackay Radio & Telegraph Co.*, 16 F. Supp. 610.

(D. C. N. Y.) Carter patent, No. 1,909,610, for electric circuit, claims 1 to 5, inclusive, *Held* not infringed. *Id.*

(D. C. N. Y.) Lindenblad patent, No. 1,927,522, for antenna for radio communication, claims 9, 10, 19, and 23 *Held* not infringed. *Id.*

(D. C. N. Y.) Carter patent, No. 1,974,387, for antenna, claims 1, 2, 3, 4, 10, 12, 15, 16, 28, 34, 35, 36, 38, and 40 *Held* not infringed. *Id.*

Disclaimers

1,893,471.—*Edward G. Hill*, Richmond, Va. CLUTCH OPERATING MECHANISM FOR MOTOR VEHICLES. Patent dated January 3, 1933. Disclaimer filed December 2, 1936, by the assignee, *Hill Engineering Corporation.*

Hereby enters its disclaimers to claims 1, 2, 10, 12, 14, 15, 16, and 17 of said specification.

2,015,442.—*Abraham Sprung*, New York, N. Y. BEACON LIGHT. Patent dated September 24, 1935. Disclaimer filed December 7, 1936, by the patentee; the assignee, *C. F. Burgess Laboratories, Inc.*, consenting and joining in.

Hereby enters this disclaimer to claims 1, 2, and 4 of said Letters Patent.

2,046,931.—*Charles L. Winter*, Chicago, Ill. FEED MECHANISM FOR DUPLICATING MACHINES. Patent dated July 7, 1936. Disclaimer filed December 14, 1936, by the assignee, *United Autographic Register Co.*

Hereby disclaims the following, to wit: Claim 1 (except as included in claims 3 and 4) and claim 2.

BULLETIN OF DECISIONS OF PATENT OFFICE ON TRADE-MARKS, LABELS, AND PRINTS

RENDERED DURING NOVEMBER, 1936

THE ANACIN COMPANY *v.* THE WM. S. MORRELL COMPANY, Opposition No. 15,051.

In a decision rendered November 4, 1936, (159 Ms. Dec. 801), *Assistant Commissioner Frazer* denied a petition for reconsideration of his prior refusal to reopen the proceeding for the taking of additional testimony.

In his decision, with reference to the question raised, he said:

"In the present petition it is asserted that neither the decision appealed from nor the one rendered on appeal contains a definite ruling on the precise question said to have been involved, namely, whether 'certified abstracts of title' constitute primary evidence of ownership of assigned trade-mark registrations. The holding of this tribunal was that 'certified copies of recorded assignments' are insufficient to prove such ownership, and I am unable to perceive any material difference between that point and the one now raised. Certainly I had intended to make no distinction. Moreover the sufficiency of opposer's evidence in this regard was not directly involved. The Examiner of Interferences denied opposer's motion to reopen solely on the ground that the showing made in support thereof did not warrant the relief sought, and that was the only question presented on appeal."

Then, after stating that counsel now insisted that to hold "certified abstracts of title" incompetent to prove ownership is contrary to established proceeding and inconsistent with section 10 of the act of February 20, 1905, he said:

"Prior to the amendment of March 3, 1897, section 4898 of the Revised Statutes, relating to the assignment of patents, was substantially similar in its essential provisions to the section above quoted. In the case of *City of New York* v. *American Cable Railway Co.*, 60 Fed. 1016, decided in 1894, the Circuit Court of Appeals of the Second Circuit had before it the question of the sufficiency of 'duly certified copies of the Patent Office record' of certain purported assignments of patents to prove the execution of the assignments. The question was disposed of in the following language, which I think conclusively answers the contentions here made:

"'The assignment of a patent is not a public document, but is merely a private writing. There is no statutory provision requiring it to be recorded in the Patent Office. * * * * * * *

It devolves upon the Patent Office merely the clerical duty of recording any instrument which purports to be the assignment of a patent. We are aware of no principle which gives to such a record the effect of primary evidence, or of prima facie proof of the execution or the genuineness of the original document. To give it such effect would enable parties to manufacture evidence for themselves.'"

AKRON DRUG AND SUNDRIES COMPANY *v.* KATHERINE SCHWARZ (UNITED RAZOR BLADE CORPORATION, ASSIGNEE, SUBSTITUTED), Trade-Mark Interference No. 2696.

In a decision rendered November 11, 1936, (159 Ms. Dec. 803) *Assistant Commissioner Frazer* held that judgment on the record should have been rendered in favor of Akron Drug and Sundries Company, of Akron, Ohio, in view of the decision in a suit involving the same parties in the State courts of Ohio.

In his decision, after referring to the history of the application in the Patent Office and stating the facts developed in the suit in the Ohio State courts, the Assistant Commissioner said:

"In denying relief to plaintiffs the court in its opinion expressly held the assignment from United Razor Blade Corporation to Katherine Schwarz to be 'null and void.' Clearly Katherine Schwarz is estopped by that judgment to further litigate the question, and in my opinion the party United Razor Blade Corporation is equally estopped. While it was not a party to the suit its claim here is based solely on an assignment from Katherine Schwarz, who, at the date of the assignment, had been conclusively adjudicated to have no title in the thing assigned."

He then noted the statement of the Examiner of Trade-Mark Interferences that the ultimate question before the court was the right of the plaintiff to injunctive relief, and that petitioner's right to the exclusive use was not involved, and said:

"However, the asserted ownership of the mark by plaintiffs was directly involved, and its determination was an essential prerequisite to the judgment rendered. It may be that others have an interest adverse to petitioner's right of exclusive use, but the record here presents no such question. If, as between the parties to this proceeding, the matter is res judicata, as I am clearly of the opinion it is, the petitioner is entitled to judgment."

SOUTHEASTERN BREWING CO. *v.* OLD SOUTH BREWING COMPANY, Trade-Mark Interference No. 2460.

In a decision rendered November 18, 1936, (159 Ms. Dec. 806), *Assistant Commissioner Frazer* held that the parties to the proceeding having stipulated that this proceeding be suspended pending the determination of a suit in the United States District Court for South Carolina, it was proper to enter judgment in accordance with the decree of that court which was affirmed on appeal and in which it was adjudicated:

"That the defendant Old South Brewing Company, Inc., is the sole and exclusive owner of the trade-mark 'Old South Brew' for beer, ale and other cereal and malt beverages."

Then, after stating that it was argued that the issue here in controversy is not the same as that determined by the Court and the judgment therefore not conclusive, the Assistant Commissioner said:

"The suit was based on trade-mark infringement, and, as has been stipulated, was 'an action between the above parties involving the question of priority of adoption and use of the trade-marks here involved.' That is the precise question upon which the rights of the parties depend in an interference proceeding; and, as already noted, it was expressly adjudicated by the court.

"The judgment having become final, it is fundamental that the parties thereto are conclusively estopped to further litigate the matters adjudicated. The doctrine of res judicata applies in interference proceedings just as it does in any other type of legal contest; and as there is no provision for pleadings, 'the Commissioner of Patents is entitled to look to the records of his own department and the reports and decisions of courts in cases relating to actions therein without pleading.' *McKenzie* v. *Garrett*, 43 App. D. C. 6."

Then, with reference to the argument that the Court merely restrained the junior party to this proceeding from using the trade-mark in certain States, he said:

"The language of the decree in this regard, after declaring the senior party to be 'the sole and exclusive owner of the trade-mark' for the goods described, is as follows:

"That the plaintiff be permanently enjoined and restrained from using the trade-mark "Old South" or any simulation thereof on any beer, ale or other cereal and malt beverages and that it be permanently enjoined and restrained from interfering in any way with the use by defendant of the trade-mark "Old South Brew" on beer, ale and other cereal and malt beverages in the States of Virginia, North Carolina, and South Carolina.'

He then, after stating that the junior party's argument was untenable even if its interpretation of the above quoted language was accepted, said:

"Under the statute the first to adopt and use is entitled to the registration of its trade-mark, even though a later user may have preceded it in a particular territory. It may be that the junior party has acquired certain rights of use in respect to which it is entitled to protection, but no such question may properly be considered in this proceeding. *Ball & Gunning Milling Co.* v. *Mammoth Spring Milling Co.*, 48 App. D. C. 243."

THE KURLASH COMPANY, INC., *v.* JAMES L. YOUNGHUSBAND, Opposition No. 14,684.

In a decision rendered November 21, 1936 (159 Ms. Dec. 808), *Assistant Commissioner Frazer* held that James L. Younghusband, of Chicago, Ill., is not entitled to register the term "Starlash" as a trade-mark for eyelash and eyebrow mascara, in view of the prior adoption, use and registration by The Kurlash Company, Inc., of Rochester, N. Y., of the term "Kurlash" as a trade-mark for eyelash crimpers, since the marks as applied to the goods of the respective parties are deemed to be confusingly similar.

In his decision the Assistant Commissioner said:

In *Kotex Co.* v. *McArthur*, 18 C. C. P. A. 787, 45 Fed.(2d) 256, the marks involved were "Kotex" and "Rotex", applied respectively to catamenial bandages and vaginal syringes. In reversing the Patent Office, and denying registration of the "Rotex" mark, the Court of Customs and Patent Appeals said: (quoting from the decision).

He then said:

"I think that reasoning is equally applicable here. It is clearly established by the record that the goods here involved are sold over the same counters, to the same class of purchasers, and are used for the same general purpose, namely, that of beautifying, or at least attempting to beautify, the eyes. They are certainly as closely related as were the goods under consideration by the court, and while here as there they have different 'essential characteristics,' their descriptive properties are nevertheless the same within the meaning of the statute.

"Nor can I perceive any greater material difference between the words 'Kurlash' and 'Starlash' than exists between the words 'Kotex' and 'Rotex.' In each case the initial consonants differ, and the marks are otherwise substantially the same."

With reference to applicant's argument that "Kurlash" is descriptive of opposer's goods and that "lash" describes the goods of both parties and is "common property", he said:

"It is of course fundamental that the validity of a registered trade-mark is not open to question in an opposition proceeding, and it is likewise well settled that a descriptive portion of a composite mark is not to be disregarded in determining the question of confusing similarity between that mark and another, both of which must be considered in their entireties. Opposer's registration affords it no monopoly of the word 'lash', but others who use it in their trade-marks for like goods must nevertheless avoid deceptive simulation of opposer's mark as a whole. This I think applicant has failed to do, and his mark must therefore be denied registration."

E-Z MILLS, INC., *v.* MARTIN BROTHERS COMPANY, Cancellation No. 2872.

In a decision rendered November 30, 1936 (159 Ms. Dec. 810), *Assistant Commissioner Frazer* held that the question whether Martin Brothers Company, of Minneapolis, Minn., is entitled to register the trade-mark "Klad-ezee" as a trade-mark for one-piece outer garments in view of the prior adoption and use by E-Z Mills, Inc., of New York, N. Y., of the mark "E-Z" on garments of the same descriptive properties was not res adjudicata because in an opposition proceeding involving the same parties it had been held that Martin Brothers Company was not entitled to register the mark "E-Z-Clad" as a trade-mark for the same goods.

In his decision, after stating that he was unable to concur with the conclusion of the Examiner of Trade-Marks that the prior judgment was necessarily conclusive of the registrability of the mark involved in this proceeding, and quoting a statement from corpus juris as to when a former judgment is not a bar to a subsequent action, he said:

"Petitioner urges that '"Klad-ezee" is a mere colorable variation of "E-Z-Clad,"' and that the two marks are substantially the same,' or at least are 'not clearly or registrably different.' If the owner of 'Klad-ezee' were opposing registration to another of 'E-Z-Clad,' I should be inclined to adopt petitioner's reasoning in this regard. But that state of facts would, I think, present a different question than the one before me. It does not necessarily follow that because those two marks are confusingly similar to each other, both are confusingly similar to a third mark which one of them has been held to infringe. It may well be that the occurrence in the 'E-Z-Clad' mark of the capital letters 'E-Z', alone promoted the ruling in the opposition case. That feature is of course absent in the registered mark, and the most striking point of resemblance between petitioner's mark and the one adjudged unregistrable has thus been eliminated. In this situation I am clearly of the opinion that the doctrine of res adjudicata is not applicable."

With reference to the question whether the marks involved in this proceeding are confusingly similar, he said:

"In determining the question of confusing similarity the two marks must of course be considered in their entireties, and the fact that 'ezee' may conflict with 'E-Z' is not of controlling importance. *Apex Electrical Mfg. Co.* v. *Landers, Frary & Clark*, 17 C. C. P. A. 1184, 41 Fed.(2d) 99. In *Ford Motor Co.* v. *Partridge, Singer & Baldwin*, 58 App. D. C. 195, 26 Fed.(2d) 567, the Court of Appeals of the District of Columbia held 'that the appearance and pronunciation of the word "Warford" is so distinctively different from the word "Ford" standing alone as to obviate any probability of confusion either as to origin or reputation.' I think the quoted language may with equal propriety be applied to the marks 'Klad-ezee' and 'E-Z.' In fact I think these marks are even less similar than were those considered by the court. No actual confusion has been shown, though respondent's mark had been registered and in use for seven years when petitioner's testimony was taken. And while proof of actual confusion was not essential to petitioner's case, the absence of such proof, after so many years of concurrent use of the marks involved, is a persuasive circumstance in determining the question of likelihood of confusion."

TRADE-MARKS

OFFICIAL GAZETTE, DECEMBER 29, 1936

[VOL. 473. No. 5]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly-Prepared Materials

Ser. No. 383,149. VERMONT MARBLE COMPANY, Proctor, Vt. Filed Sept. 11, 1936.

BLUMAR

For Processed Blue Marble.
Claims use since May 6, 1936.

Ser. No. 383,150. VERMONT MARBLE COMPANY, Proctor, Vt. Filed Sept. 11, 1936.

GRAMAR

For Processed Gray Marble.
Claims use since May 6, 1936.

Ser. No. 383,977. RAYMOND H. BELL, SR., doing business as Modern Fuel Company, Columbus, Ohio. Filed Oct. 5, 1936.

DOROTHY SUN BLAZE

For Coal.
Claims use since Aug. 1, 1936.

Ser. No. 384,210. WILLARD HELBURN, INC., Boston, Mass. Filed Oct. 10, 1936.

ANTELAMB

For Leather.
Claims use since June 26, 1936.

Ser. No. 384,424. JULIUS E. KIEFER, Milwaukee, Wis. Filed Oct. 16, 1936.

KURLTEX

For Smooth Textile Fibers Curled by Chemical Treatment Suitable for Use as a Yarn, Thread, or Fabric.
Claims use since July 15, 1936.

Ser. No. 384,549. THE PACIFIC LUMBER COMPANY, San Francisco, Calif. Filed Oct. 19, 1936.

RED FLEECE

For Shredded Redwood Bark Fiber.
Claims use since Oct. 2, 1936.

Ser. No. 384,939. UNITED STATES RUBBER PRODUCTS, INC., New York, N. Y. Filed Oct. 29, 1936.

CENEX

For Compositions Consisting Largely of Concentrated Rubber Latex.
Claims use since July 21, 1936.

CLASS 2

Receptacles

Ser. No. 384,335. PULP PRODUCTS COMPANY, INC., New York, N. Y. Filed Oct. 14, 1936.

NO-SUB

For Moulded Pulp Containers and Bottles for Aqueous and Non-Aqueous Liquids, Dry Materials, Pulverulent Materials, and Plastic and Semi-Solid Materials, and Protectors for Glass Bottles and Other Containers.
Claims use since Sept. 24, 1936.

Ser. No. 384,551. PHILLIPS PETROLEUM COMPANY, Bartlesville, Okla. Filed Oct. 19, 1936.



The words "Self-Service" are disclaimed apart from the mark.

For Containers for Liquefied Petroleum Gas.

Claims use since Aug. 25, 1936.

CLASS 3

Baggage, Animal Equipments, Portfolios, and Pocketbooks

Ser. No. 384,926. THE HERMAN BAG, INC., New York, N. Y. Filed Oct. 29, 1936.



For Ladies' Handbags.

Claims use since Sept. 12, 1936.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 377,672. PETER DAVID, doing business as Peter David Leather Dressing Co., Seattle, Wash. Filed April 27, 1936.



The word "Good" except as shown is disclaimed.

For Oil Dressings, Cleaners, and Polishes for Leather, Fabric, and Similar Materials.

Claims use since Feb. 26, 1936.

Ser. No. 378,289. CORNELL-DAVIS LABORATORIES, Detroit, Mich. Filed May 11, 1936.



For Type Cleaner and a Preparation for Removing Ink From the Hands Such as Stamp Pad Ink and the Like.

Claims use since Nov. 30, 1935.

Ser. No. 381,557. CHEMPRO MANUFACTURING CO. INC., doing business as Chempro, New York and Long Island City, N. Y. Filed July 29, 1936.



The words "Cleansing Crystals" except as shown with the rest of the mark are disclaimed.

For Household Cleanser—Namely, a Cleansing Material Sold in Crystal Form, Which, When Dissolved in Water, is Used as a Cleansing Substance.

Claims use since July 1, 1936.

Ser. No. 383,451. SHULTON, INC., New York, N. Y. Filed Sept. 19, 1936.

OLD SPICE

For Saponaceous Compounds for Cleaning the Hands, Shaving Cream, Shaving Sticks, Shaving Powder, Outfit Packages Containing Soap and Towel; Soap Powder for Bathing, Washing and Cleaning Purposes; Laundry Soaps, Soap Flakes, Hand Soaps, Toilet Soaps, Soap Pastes, Washing Tablets, Bath Soap Tablets, and Shampoo Soaps.

Claims use since Aug. 26, 1936.

Ser. No. 383,798. B & L LABORATORIES, INC., Chicago, Ill. Filed Sept. 30, 1936.

USA-FOAM

For Saponaceous Material Having Incidental Water Softening Properties for Forming Bubbles for use in the Bath and the Like.

Claims use since June 25, 1936.

Ser. No. 384,171. VAPO PRODUCTS COMPANY, INC., Spokane, Wash. Filed Oct. 9, 1936.

Vapo

BUBBLES

For Preparation for Cleaning Gloves and Fine Fabrics.

Claims use since September, 1934.

Ser. No. 384,349. H. KIRK WHITE & CO., Oconomowoc, Wis. Filed Oct. 14, 1936.

Freezoff

For Glass Cleaner Which Also Prevents the Accumulation of Frost on Windshields and the Like.

Claims use since September, 1933.

Ser. No. 384,727. THE HALLMARK COMPANY INC., New York, N. Y. Filed Oct. 23, 1936.

HALLMARK

For Silver Polish.

Claims use since June, 1915.

Ser. No. 384,783. MURRAY J. BLISS, doing business as Glass-Glow Co., Indianapolis, Ind. Filed Oct. 26, 1936.

TAT

For Liquid Glass Cleaner.

Claims use since Sept. 7, 1936.

Ser. No. 384,823. WILLIAM F. SUDRO, doing business as Western Products Co., Fargo, N. Dak. Filed Oct. 26, 1936.

deb

For Silver Polish.

Claims use since Sept. 1, 1936.

CLASS 5

Adhesives

Ser. No. 385,005. MARBON CORPORATION, Chicago, Ill. Filed Oct. 31, 1936.

MARBON

For Adhesives.

Claims use since Sept. 15, 1936.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 369,371. THE NU-EZ CORPORATION, Detroit, Mich. Filed Sept. 16, 1935.

Protexkin

For Protective Lotion for the Hands Which Forms an Invisible Film When Applied for Household Use.

Claims use since July 29, 1935.

Ser. No. 370,749. AMERICAN ANILINE PRODUCTS, INC., New York, N. Y. Filed Oct. 24, 1935.

DIAZOCEL

For Organic Dyestuffs for Use in Dyeing Celanese and Acetate Silks.

Claims use since Oct. 4, 1935.

Ser. No. 375,333. AUGUSTUS FREDERICK MACK, JR., doing business as Mack Brothers Products, Miramar, San Diego, Calif. Filed Feb. 28, 1936.



For Cleansing Cream Having Incidental Properties as a Soap.

Claims use since Dec. 1, 1934.

Ser. No. 375,804. MAISON JEURELLE-SEVENTEEN, INC., New York, N. Y. Filed Mar. 10, 1936.

Queen Alexandria

For Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Vanishing Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Face Bleaches, Face Packs, Skin Whitener in Liquid, Cream or Solid Form, Eyebrow and Eyelash Grower, Eye Drops, Eyebrow Pencils, Chemical Preparations for the Darkening of Eyelashes and Eyebrows, Hand Lotions, Skin Lotions, After Shaving Lotions, Pomades, Face Powders, Talcum Powders, Body Powders, Sachets, Hair Salves, Hair Elixirs, Dandruff Preparations, Hair Tonics, Hair Oils, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lip Sticks, Incense, Tooth Powders, Mouth Washes, Dentifrices, Tooth Pastes, Depilatories, Nail Powders, Nail Polishes, Nail Creams, Nail Bleaches, Witch Hazel Salve, Camphor Creams, Foot Powders, Corn Salves, Deodorants, Disinfectants, Bay Rum, Perfumes, and Toilet Waters.

Claims use since Feb. 19, 1936.

Ser. No. 376,438. PARFUMS IRFÉ LTD., London England. Filed Mar. 26, 1936.

IRFÉ

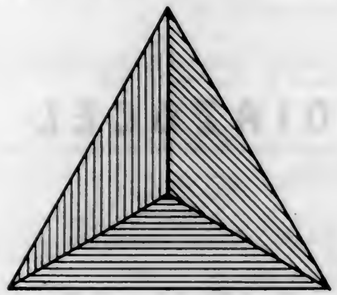
For Perfumes, Toilet Waters, and Hair Lotions.
Claims use since Feb. 28, 1935.

Ser. No. 377,456. COLOR INSTRUMENT CORPORATION, New York, N. Y. Filed Apr. 21, 1936.

COSMETRIGRAPH BLENDED

No claim is made for the word "Blended" apart from the mark as shown.
For Face Powder.
Claims use since Apr. 1, 1935.

Ser. No. 377,457. COLOR INSTRUMENT CORPORATION, New York, N. Y. Filed Apr. 21, 1936.



The drawing is lined for the colors red, blue, and green.
For Face Powder.
Claims use since Apr. 1, 1935.

Ser. No. 379,358. E. R. SQUIBB & SONS, New York, N. Y. Filed June 5, 1936.

ZYGON

For Vitaminic Preparations.
Claims use since May 29, 1936.

Ser. No. 379,989. J. PELTIER, doing business as Bromo-Sulline Drug Company, Atlanta, Ga. Filed June 17, 1936.

DR. PELTIER'S
BROMO SULLINE

The word "Bromo" is disclaimed apart from the mark as shown.
For Anti-Acid Preparation.
Claims use since May 1, 1933.

Ser. No. 380,521. THE CHARLES MARCHAND COMPANY, New York, N. Y. Filed July 2, 1936.

Charles Marchand

Trade-mark is a facsimile of the signature of Charles Marchand, deceased.
For Golden Hair Wash, Peroxide of Hydrogen, Glycozone, a Glycerine and Peroxide Product, Hydrozone, a High Volume Peroxide of Hydroxide, and Castile Shampoo.
Claims use since Jan. 5, 1905.

Ser. No. 381,282. MY PET MEDICINES, INC., New York, N. Y. Filed July 21, 1936.

My Pet

For Medical Preparations for Dogs, Cats, and Other Animals—Namely, Laxatives, Liquid Soap and Shampoo Preparations, Expectorant Tablets, Nerve Sedative, Ear and Mouth Wash, Mange Medicine, Worm Capsules, Intestinal Astringent, Condition Tablets, Vitamin Concentrate Tablets, Digestive Tablets, Tapeworm Tablets, Disinfectant.
Claims use since November, 1935.

Ser. No. 381,618. ALEXANDER R. J. HILSON, Hamilton, Ontario, Canada, and Niagara Falls, N. Y. Filed July 30, 1936.

FACE MAGIC MASK PACK

The words "Mask" and "Face Pack" are disclaimed apart from the mark as shown.
For Face Pack.
Claims use since Nov. 1, 1935.

Ser. No. 381,736. THYRODONE DEVELOPMENT LIMITED, Invercargill, New Zealand. Filed Aug. 1, 1936.

Thyrodone

For Medicated Preparation Containing a Concentrated Extract of Oysters.
Claims use since Oct. 16, 1935.

Ser. No. 381,795. ABBE WALLACE PRODUCTS COMPANY, Atlanta, Ga. Filed Aug. 4, 1936.

Abbé Wallace

The name "Abbe Wallace" is disclaimed apart from the mark.
For Cocoanut Oil Shampoo, Almond Beauty Lotion, Lemon Cleansing Cream, Vanishing Cream, Hair Dressing and Grower, Perfume, Skin Bleach, and Body Deodorizer.
Claims use since July 7, 1936.

Ser. No. 382,087. CLEANPRINT, INCORPORATED, New York, N. Y. Filed Aug. 12, 1936.

CLEANPRINT UNIT

The words "Cleanprint Unit" are disclaimed apart from the mark as shown.
For Spraying Liquid to Aid in Better Printing and Lithographing and to Prevent Offset in Printing and Lithographing.
Claims use since Mar. 24, 1936.

Ser. No. 382,519. PARKE, DAVIS & COMPANY, Detroit, Mich. Filed Aug. 24, 1936.

TAR DERMAMENT

The word "Tar" is disclaimed apart from the mark shown.
For Topical Application in the Treatment of Various Skin Infections Such as Eczema, Pruritis, and Epidermophytosis.
Claims use since Aug. 12, 1936.

Ser. No. 382,653. ASSOCIATED DISTRIBUTORS, INC., Chicago, Ill. Filed Aug. 28, 1936.

TABOO

For Anti-Perspirant, Lipstick, Rouge, Face Powder, Eyelash and Eyebrow Mascara, Creams for the Hands and Face, Preparations for Skin, Hair, and Finger Nails, and Perfumes.
Claims use since Dec. 10, 1932.

Ser. No. 382,865. ALFREDO CORDERO, New York, N. Y., and Ponce, Puerto Rico. Filed Sept. 3, 1936.

PIROKILL
INSECTICIDE

The word "Insecticide" is disclaimed apart from the mark shown.
For Insecticides.
Claims use since 1925.

Ser. No. 382,982. LYMAN CHALKLEY, doing business as Photoy Products, Bay Shore, N. Y. Filed Sept. 1, 1936.

KAK

For Plant Hormones for Horticultural Use.
Claims use since May 21, 1936.

Ser. No. 383,136. NAPTHOLE, INC., New York, N. Y. Filed Sept. 11, 1936.



The words "Adds a Touch of Luxury to all Textile Materials" are disclaimed apart from the mark as shown.
For Chemical Preparation for Use as a Starch Lubricant for Laundry Purposes.
Claims use since February, 1935.

Ser. No. 383,255. LITSA GEORGE CALLAS, doing business as Trench-Sol Tooth Salve Company, New York, N. Y. Filed Sept. 15, 1936.

TRENCH-SOL
TRADE MARK



TRENCH-SOL TOOTH SALVE CO. N.Y.

All words except "Sol" and "Trench-Sol Tooth Salve Co." are disclaimed apart from the mark.
For Tooth Salves for the Relief of Soreness and Irritation to the Gums.
Claims use since January, 1935.

Ser. No. 383,403. PARFUMERIE ST. DENIS, New York, N. Y. Filed Sept. 18, 1936.

CANDLE LIGHT

For Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Face Bleaches, Face Packs, Skin Whitener in Liquid, Cream, and Solid Form, Eyebrow and Eyelash Grower, Eye Drops, Eyebrow Pencils, Chemical Preparations Suitable for the Darkening of Eyebrows and Eyelashes, Hand Lotions, Skin Lotions, After Shaving Lotions, Pomades, Face Powders, Talcum Powders, Body Powders, Sachets, Hair Salves, Hair Elixirs, Dandruff Preparations, Hair Tonics, Hair Oils, Shampoos, Hair

Dyes, Bath Salts, Smelling Salts, Lipsticks, Incense, Tooth Powders, Mouth Washes, Dentifrices, Depilatories, Tooth Pastes, Nail Creams, Nail Bleaches, Nail Powders, Nail Polishes, Witch Hazel, Peroxide, Petroleum Jellies, Witch Hazel Salves, Camphor Creams, Foot Powders, Corn Salves, Deodorants, Disinfectants, Bay Rum, Perfumes, and Toilet Waters.

Claims use since May 15, 1936.

Ser. No. 383,605. TOKALON CHEMICAL CORPORATION, New York, N. Y. Filed Sept. 24, 1936.

LECTROSTATIC

For Face Powder and Skin Cream.
Claims use since Sept. 10, 1936.

Ser. No. 383,651. SHAWINIGAN PRODUCTS CORPORATION, New York, N. Y. Filed Sept. 25, 1936.

FORMVAR

For Synthetic Resinous Material.
Claims use since Mar. 29, 1933.

Ser. No. 383,655. SUN RAY DRUG CO., doing business as Drake Laboratories, Philadelphia, Pa. Filed Sept. 25, 1936.

Tri-Alka

For Effervescent Salts and Effervescent Tablets Which, When Dissolved as Directed, Are Taken Internally as a Systemic Alkalizer, Antacid, Diuretic, and a Mineral Water.

Claims use since Mar. 5, 1936.

Ser. No. 383,707. THE AKALYN COMPANY, New Orleans, La. Filed Sept. 28, 1936.



The representation of the container and the words "Demand Original" are disclaimed. The drawing is lined for red and blue.

For Medicinal Preparation for the Relief of Pain from Headaches, Neuralgia, and Inorganic Causes.

Claims use since Sept. 14, 1936.

Ser. No. 383,730. D. FUNSTON COMPANY, Chicago, Ill. Filed Sept. 28, 1936.

MUCINTERIC

For Preparation for Veterinary Use in the Treatment of Intestinal Irritations and Inflammation and Disturbances in the Digestive Tract.

Claims use since Sept. 18, 1936.

Ser. No. 383,856. VADSCO SALES CORPORATION, Long Island City, N. Y. Filed Oct. 1, 1936.

ASPIR-SELTZER

The word "Seltzer" apart from the mark is disclaimed.

For Medicinal Compounds Adapted for the Treatment of Headaches, Neuralgia, and Muscular Aches and Pains.

Claims use since Sept. 1, 1936.

Ser. No. 384,073. DENTOS DENTIFRICE COMPANY, Chicago, Ill. Filed Oct. 7, 1936.

GUMFRIS

For Tooth Paste.
Claims use since Sept. 23, 1936.

Ser. No. 384,128. KEMA PRODUCTS CORPORATION, Chicago, Ill. Filed Oct. 8, 1936.

THERMOFLO

For Cooling Liquids Especially Suited for Use in Cooling Systems for Internal Combustion Engines and Possessing Anti-Freeze Properties.

Claims use since Sept. 4, 1936.

Ser. No. 384,172. THE WARREN-TEED PRODUCTS COMPANY, Columbus, Ohio. Filed Oct. 9, 1936.

HYDRENNIN

For Medical Preparation Recommended in Relieving Fermentative Conditions and Gastric Irritability, Atomic Dyspepsia, Chronic Gastro-Intestinal Diseases, and to Allay Nausea and Vomiting.

Claims use since March, 1933.

Ser. No. 384,253. H. M. CHEMICAL CO., LTD., Los Angeles, Calif. Filed Oct. 12, 1936.

N-130

For Medical Preparation to Be Taken Orally and Used in the Treatment of Colonic and Hypertension Cases.

Claims use since Sept. 24, 1936.

Ser. No. 384,310. THE ALLEN COMPANY, doing business as Quadine Laboratories, Toledo, Ohio. Filed Oct. 14, 1936.

QUADINE

For Skin and Hair Conditioner for Dogs, an Anti-Parasitic, an Antiseptic, a Fungicide, and a Deodorant, Particularly for Dogs and Other Animals.

Claims use since 1934.

Ser. No. 384,392. ROBERT H. SMART, Charleston, S. C. Filed Oct. 15, 1936.



The portrait is that of applicant's wife.

For Medical Preparation for Treating Asthma and Bronchial Troubles.

Claims use since Sept. 28, 1936.

Ser. No. 384,393. DELPHINE E. SUMMERS, Wichita, Kans. Filed Oct. 15, 1936.

Petit Pats

For Concentrated Perfume.
Claims use since Aug. 25, 1936.

Ser. No. 384,395. THE UPJOHN COMPANY, Kalamazoo, Mich. Filed Oct. 15, 1936.

Cerelexin

For Yeast Concentrate Preparation Used as a Dietary Supplement.

Claims use since Sept. 2, 1936.

Ser. No. 384,396. THE UPJOHN COMPANY, Kalamazoo, Mich. Filed Oct. 15, 1936.

Thioma

For Suspension of Sulphides for the Treatment of Certain Forms of Dermatitis.

Claims use since Aug. 25, 1936.

Ser. No. 384,469. MAJESTIC WAVING COMPANY, INC., Chicago, Ill. Filed Oct. 17, 1936.

RENITA
MACHINELESS PERMANENT WAVE

The words "Machineless Permanent Wave" as shown in the drawing are disclaimed.

For Permanent Waving Solutions.

Claims use since Sept. 11, 1936.

Ser. No. 384,475. THE PERMUTIT COMPANY, New York, N. Y. Filed Oct. 17, 1936.

ZEO-KARB

For Prepared Materials Used for Purifying and Treating Water.

Claims use since Sept. 29, 1936.

Ser. No. 384,477. KAY RINELLI, Brooklyn, N. Y. Filed Oct. 17, 1936.

Kay Rinelli

Trade-mark is in the handwriting of Catherine Agnes Rinelli a member of the applicant firm.

For Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Face Bleaches, Face Packs, Skin Whitener in Liquid, Cream and Solid Form, Eyebrow and Eyelash Grower, Eye Drops, Eyebrow Pencils, Chemical Preparations Suitable for the Darkening of Eyebrows and Eyelashes, Hand Lotions, Skin Lotions, After Shaving Lotions, Pomades, Face Powders, Talcum Powders, Body Powders, Sachets, Hair Salves, Hair Elixirs, Dandruff Preparations, Hair Tonics, Hair Oils, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lipsticks, Incense, Tooth Powders, Mouth Washes, Dentifrices, Depilatories, Tooth Pastes, Nail Creams, Nail Bleaches, Nail Powders, Nail Polishes, Witch Hazel, Peroxide, Petroleum Jellies, Witch Hazel Salves, Camphor Creams, Foot Powders, Corn Salves, Deodorants, Disinfectants, Bay Rum, Perfumes, and Toilet Waters.

Claims use since Dec. 1, 1935.

Ser. No. 384,510. CHICAGO PHARMACAL CO., Chicago, Ill. Filed Oct. 19, 1936.

PANTODIGITAL

For Heart Stimulant.
Claims use since Apr. 12, 1936.

Ser. No. 384,511. CHICAGO PHARMACAL CO., Chicago, Ill. Filed Oct. 19, 1936.

Trinitrokane

For Burn Ointment.
Claims use since Apr. 1, 1936.

Ser. No. 384,512. CHICAGO PHARMACAL CO., Chicago, Ill. Filed Oct. 19, 1936.

URIODAL

For Compound Tablet for the Treatment of Rheumatic and Arthritic Conditions.
Claims use since Aug. 1, 1935.

Ser. No. 384,513. CLARA H. CHURCHILL, doing business as Producers, Ltd., Chicago, Ill. Filed Oct. 19, 1936.

THURMO

For Stop-Leak Preparation.
Claims use since September, 1927.

Ser. No. 384,519. EVER-DRY LABORATORIES, INC., Los Angeles, Calif. Filed Oct. 19, 1936.

EVER-DRY

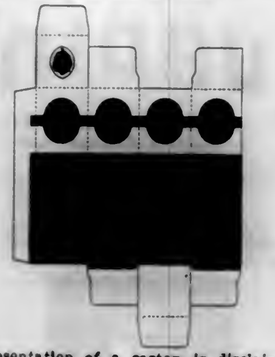
Applicant is the owner of Reg. No. 144,033 for the mark "Ever-Dry".
For Toilet Preparation to Prevent Excessive Perspiration.
Claims use since Jan. 1, 1933.

Ser. No. 384,570. HERBERT D. STAHL, doing business as Davis Laboratories, Pittsburgh, Pa. Filed Oct. 19, 1936.

QUICK-A-WAY

For Pile Preparation in Tablet and Capsule Form.
Claims use since Sept. 1, 1936.

Ser. No. 384,623. THE OMEGA CHEMICAL COMPANY, Brooklyn, N. Y. Filed Oct. 21, 1936.



The representation of a carton is disclaimed.
For Nasal Jelly.
Claims use since Aug. 22, 1936.

Ser. No. 384,641. AMERICAN PHARMACEUTICAL COMPANY, INC., New York, N. Y. Filed Oct. 22, 1936.

CODANOL

For Vitamin Containing Medicinal Preparations for Internal Use Where a Vitamin Deficiency is Indicated and for Vitamin Containing Preparations for External Use for Burns, Cuts, Abrasions, Skin Irritations, and Certain Eczemas.
Claims use since July 30, 1936.

Ser. No. 384,681. E. R. SQUIBB & SONS, New York, N. Y. Filed Oct. 22, 1936.

MUCEX

For Antianemic Preparations.
Claims use since Oct. 15, 1936.

Ser. No. 384,712. ELI LILLY AND COMPANY, Indianapolis, Ind. Filed Oct. 23, 1936.

THERIDOL

For Liquid Iodized Oil Useful in the Treatment of Asthma, Chronic Bronchitis, and Bronchiectasis.
Claims use since Oct. 9, 1936.

Ser. No. 384,744. THE GIFFORD COMPANY, New York, N. Y. Filed Oct. 24, 1936.

LIVAGLOBIN

For Medicine for the Treatment of Anemia.
Claims use since Feb. 1, 1935.

Ser. No. 384,754. MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo. Filed Oct. 24, 1936.

IOFLOW

For Mixture Containing Potassium Iodide Used for Adding Iodine to Foods.
Claims use since Oct. 13, 1936.

Ser. No. 384,762. RÖHM & HAAS COMPANY, Philadelphia, Pa. Filed Oct. 24, 1936.

CUPRO-KK

For Plant Fungicide.
Claims use since Oct. 8, 1936.

Ser. No. 384,777. STAYNER LABORATORIES INC., Portland, Oreg. Filed Oct. 26, 1936.

Minra

For Mineral Food Concentrate for Use as an Alkalizer and Antacid.
Claims use since Dec. 15, 1934.

Ser. No. 384,825. JOSEPH F. VANATA, Chicago, Ill. Filed Oct. 26, 1936.

ALPO

For Preparation for the Treatment of Tired and Sore Muscles, Fatigue, Headaches, Migraine, Colds, Coughs, and Hoarseness, Rheumatism, Neuralgia, Sore Gums, Excessive Perspiration, Oily Skin, Insect Bites, and for Cleaning the Teeth.
Claims use since Oct. 5, 1936.

Ser. No. 384,875. ALBA PHARMACEUTICAL COMPANY, INC., New York, N. Y. Filed Oct. 28, 1936.

GLYFORTAN

For Cardiotonic, Muscle Tonic.
Claims use since Sept. 30, 1936.

Ser. No. 384,950. ROBERT W. A. MEINUNG, San Diego, Calif. Filed Oct. 28, 1936.

MEIN-O

For Medicine for Acidosis Condition, Autointoxication, and Faulty Metabolism.
Claims use since Jan. 1, 1936.

CLASS 9

Explosives, Firearms, Equipments, and Projectiles

Ser. No. 378,058. SAFETY STEMMING PLUG COMPANY, INC., New York, N. Y. Filed May 5, 1936.

V PLUG

The word "Plug" is disclaimed apart from the other features of the mark shown.
For Stemming Plugs.
Claims use since Dec. 15, 1935.

CLASS 12

Construction Materials

Ser. No. 384,722. ROACH & MUSSER COMPANY, Muscatine, Iowa. Filed Oct. 23, 1936.

A ROYAL FLUSH

For Special Doors.
Claims use since Oct. 9, 1936.

Ser. No. 384,900. DAVID E. KENNEDY, INC., Brooklyn, N. Y. Filed Oct. 28, 1936.

KENTILE

For Floor Tiles.
Claims use since July 10, 1936.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 372,194. THE AMERICAN DIRIGOLD CORPORATION, Kokomo, Ind. Filed Dec. 3, 1935.



For Metal Door Knobs and Metal Pipe Fittings.
Claims use since Jan. 10, 1924.

Ser. No. 377,716. ROCKWOOD SPRINKLER COMPANY OF MASSACHUSETTS, Worcester, Mass. Filed Apr. 27, 1936.

Certifire

For Automatic Sprinkler Systems and Parts of Such Systems.
Claims use since Jan. 10, 1936.

Ser. No. 383,852. RAYLITE TRADING CO., INC., New York, N. Y. Filed Oct. 1, 1936.

KLIPTON

For Device Attached to the Lamp Sockets of Christmas Tree Lighting Outfits to Fasten the Outfits to the Branches of the Tree.
Claims use since July 6, 1936.

Ser. No. 384,365. ATLAS TACK CORPORATION, Fairhaven, Mass. Filed Oct. 15, 1936.



The representation of the goods apart from the mark is disclaimed.
For Nails and Tacks.
Claims use since July 1, 1935.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 372,197. THE AMERICAN DIRIGOLD CORPORATION, Kokomo, Ind. Filed Dec. 3, 1935.

Dirigold

For Sheets, Rods, Wire, Tubing, Welding Rods, and Castings.
Claims use since Aug. 13, 1935.

Ser. No. 380,831. RALPH L. GARNIER, Los Angeles, Calif. Filed July 9, 1936.

Metqar

For Blank Printing Plates.
Claims use since Mar. 1, 1936.

CLASS 15

Oils and Greases

Ser. No. 377,811. UNITED REFINING COMPANY, Warren, Pa. Filed Apr. 29, 1936.

CREAMoPENN

For Gasoline, Lubricating Oils, and Lubricating Greases.
Claims use since March, 1936.

Ser. No. 378,531. SUN OIL COMPANY, Philadelphia, Pa. Filed May 16, 1936.



For Lubricating Oils and Lubricating Greases.
Claims use since Aug. 27, 1935.

Ser. No. 384,168. THE TEXAS COMPANY, New York, N. Y. Filed Oct. 9, 1936.

SUMMITLUBE

For Lubricating Greases.
Claims use since Sept. 29, 1936.

Ser. No. 384,582. THE DERBY OIL COMPANY, Wichita, Kans. Filed Oct. 20, 1936.



The word "Vitalized" is disclaimed apart from the mark shown.
For Gasoline and Motor Lubricating Oils.
Claims use since Oct. 10, 1936.

Ser. No. 384,897. INDUSTRIAL OIL CORPORATION, Warren and Stoneham, Pa. Filed Oct. 28, 1936.

SKY LINE

For Lubricating Oils and Greases.
Claims use since Oct. 16, 1936.

CLASS 16

Paints and Painters' Materials

Ser. No. 374,203. NATIONAL POTTERIES COMPANY, Minneapolis, Minn. Filed Jan. 28, 1936.



For Chemical Mixture Used for Decorative Finishing of Walls, Pottery, Concrete Products, Masonry Surfaces, and the Like.
Claims use since May 25, 1934.

Ser. No. 384,962. GULF OIL CORPORATION, Pittsburgh, Pa. Filed Oct. 30, 1936.



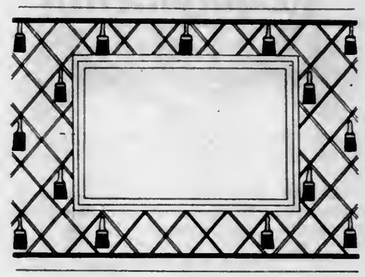
The drawing is lined for orange and blue.
For Furniture Polish and Auto Wax.
Claims use since May, 1925.

Ser. No. 385,018. UNITED STATES GYPSUM COMPANY, Chicago, Ill. Filed Oct. 31, 1936.

ZEPHYR

For Calcimine.
Claims use since Oct. 7, 1936.

Ser. No. 385,050. THE LOWE BROTHERS COMPANY, Dayton, Ohio. Filed Nov. 2, 1936.



For Varnishes, Enamels of the Paint or Varnish Type, Lacquers, Stains, Undercoaters, Thinners for Paints, Thinners for Varnishes, Thinners for Enamels, Thinners for Lacquers, Thinners for Stains, Thinners for Undercoaters, Paste Filler, Liquid Filler, Paste Paints, Sealers, Varnish Oils, and Driers.
Claims use since Apr. 14, 1936.

CLASS 17

Tobacco Products

Ser. No. 383,245. A. & M. WIX, London, England. Filed Sept. 14, 1936.



The words "Virginia" and "London" are disclaimed except as shown.
For Cigarettes.
Claims use since July 6, 1936.

Ser. No. 384,419. FRIES & FRIES, INC., Cincinnati, Ohio. Filed Oct. 16, 1936.



For Tobacco, Cigar and Cigarette Flavoring Compounds.
Claims use since Apr. 29, 1930.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 374,611. BARRETT-CRAVENS COMPANY, Chicago, Ill. Filed Feb. 8, 1936.



The words "Handling Equipment" and the representations of the goods are disclaimed apart from the mark as shown.

For Material Handling Equipment—Namely, Lift-Trucks, Barrel Trucks, Rockeracks, and Skid Platforms.
Claims use since May 28, 1921.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 377,956. FELIX M. ANTHONY, Piedmont, Calif. Filed May 4, 1936.

SUPER-POWER

The word "Power" is disclaimed apart from the word "Super."
For Spark Plug.
Claims use since July, 1932.

Ser. No. 382,774. SIREN MILLS CORPORATION, Chicago, Ill. Filed Aug. 31, 1936.

SIREN CHOCOLATOR

For Hot Chocolate Drink Mixing and Dispensing Machine Electrically Operated.
Claims use since June 22, 1936.

Ser. No. 383,467. WILLIAM A. BRUNO, New York, N. Y. Filed Sept. 21, 1936.

Velostatic

For Microphones.
Claims use since Sept. 2, 1936.

Ser. No. 383,979. J. M. BREGSTONE, Chicago, Ill. Filed Oct. 5, 1936.

ZEPHYR

For Radio Receiving Sets and Parts Thereof.
Claims use since Oct. 2, 1936.

Ser. No. 385,170. ALADDIN RADIO INDUSTRIES, INCORPORATED, Chicago, Ill. Filed Nov. 5, 1936.

Polyiron

For Magnetic Cores for Use with Inductive Windings for Radio and Allied Purposes.
Claims use since May 19, 1936.

Ser. No. 385,171. ALADDIN RADIO INDUSTRIES, INCORPORATED, Chicago, Ill. Filed Nov. 5, 1936.

P-T

For Radio Receivers Including Radio Frequency Tuning Devices.
Claims use since May 19, 1936.

Ser. No. 385,315. TRIPPE MANUFACTURING COMPANY, Chicago, Ill. Filed Nov. 9, 1936.

SPEEDLIGHT

For Electric Head Lamp for Vehicles.
Claims use since Sept. 1, 1930.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 384,081. HENRY HERION, doing business as Herion Fan Company, New York, N. Y. Filed Oct. 7, 1936.

AUTOGIRO



POCKET GAME

The drawing is lined for red. The words "Pocket Game" and the representation of the goods are disclaimed apart from the mark as shown.
For Hand Operated Disc Revolving Device.
Claims use since June 8, 1934.

Ser. No. 385,131. KENNETH L. BURGETT, doing business as The K. L. Burgett Co., Peoria, Ill. Filed Nov. 4, 1936.

PARGLOV

For Golfer's Glove.
Claims use since Jan. 8, 1936.

Ser. No. 385,383. LEON ADLER, doing business as Cuboker Company, Baltimore, Md. Filed Nov. 11, 1936.

CUBOKER

For Table Game or Similar Game Utilizing a Plurality of Hand Thrown Dice, Said Dice Having Inscribed Thereon Playing Indicia to Play Card Poker.
Claims use since Sept. 16, 1936.

CLASS 23

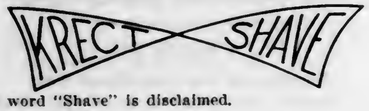
Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 379,787. COLTON RAZOR BLADE COMPANY, Boston, Mass. Filed June 16, 1936.

CHARM

For Safety Razor Blades.
Claims use since June 8, 1936.

Ser. No. 380,454. CHESTER A. GRATIOT, doing business as Krect-Shave Razor Company, Portland, Oreg. Filed June 30, 1936.



The word "Shave" is disclaimed.
For Safety Razor.
Claims use since June 18, 1936.

Ser. No. 380,546. RALPH D. CAMPBELL, doing business as Campbell Manufacturing Company, Los Angeles, Calif. Filed July 3, 1936.

The Atlas

For Electric Dishwashing Machines.
Claims use since Apr. 1, 1936.

Ser. No. 381,010. WALKER-TURNER COMPANY, INC., Plainfield, N. J. Filed July 14, 1936.

DRIVER

For Machine Tools—Namely, Drill Presses, Drills, and Mortising Attachments Therefor; Circular Saws, Jig Saws, Band Saws, Saw Blades, Lathes, Wood Turning Tools—Namely, Gouges, Skew, Parting, Spear, and Round Nose Chisels Used in the Art of Wood Turning on Lathes; Metal Spinning Tools—Namely, Beading, Pointed, Flat, Round Nose and Cut-off Tools, Used in the Art of Metal Spinning on Lathes; Jointing Machines and Cutters Therefor, Routing Machines, Cutters, and Dove-tailing Attachments therefor, Shaping Machines and Cutters Therefor, Grinding Machines, Sanding Machines, Polishing Machines and Flexible Shaft Equipment, Shaft Hangers, Shaft Couplings, Power Clutches, Benches, and Stands.
Claims use since September, 1935.

Ser. No. 385,003. KAYLOOMS INCORPORATED, Weehawken, N. J. Filed Oct. 31, 1936.

KAYLOOM

For Knitting and Weaving Machines.
Claims use since Apr. 24, 1936.

Ser. No. 385,072. SUPPLEE-BIDDLE HARDWARE CO., Philadelphia, Pa. Filed Nov. 2, 1936.



For Shovels, Spades, and Scoops.
Claims use since Feb. 1, 1936.

Ser. No. 385,095. GREENFIELD TAP AND DIE CORPORATION, Greenfield, Mass. Filed Nov. 3, 1936.

GUN

For Taps.
Claims use since Feb. 8, 1915.

Ser. No. 385,130. BIRELEY'S INCORPORATED, Hollywood, Calif. Filed Nov. 4, 1936.

CITRO-FLASH

For Pasteurizing Machine.
Claims use since Sept. 9, 1936.

Ser. No. 385,304. THE QUICKWORK COMPANY, St. Mary's Ohio. Filed Nov. 9, 1936.

QUICKWORK

For Combined Beaders and Hammers, Combined Edging and Wiring Machines, Combined Rolls and Edge-turning Machines, Edgewise Bending Machines, Power Hammers, Power Shears, Sheet Metal Beading Machines, Sheet Metal Bending Machines, Sheet Metal Edge-turning Machines, Sheet Metal Rolling Machines, Rotary Shears.
Claims use since May, 1911.

CLASS 24

Laundry Appliances and Machines

Ser. No. 382,902. AUTOMATIC WASHER COMPANY, Newton, Iowa. Filed Sept. 4, 1936.

CHALLENGER

For Laundry Washing Machines.
Claims use since Apr. 17, 1931.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 378,486. THE IMPROVED SEAMLESS WIRE COMPANY, Providence, R. I. Filed May 15, 1936.

TRI-PLY

For Thermostatic Elements and Blanks Therefor.
Claims use since Mar. 15, 1936.

Ser. No. 378,569. SUZANNE ROSALIE JOUBJON, Paris, France. Filed May 18, 1936.

ECLAIR

For Photographic Cameras and Films Therefor, Motion Picture Films and Cameras, and Motion Picture Projectors.
Claims use since Jan. 15, 1908.

Ser. No. 380,417. WABASH APPLIANCE CORP., New York, N. Y. Filed June 29, 1936.



The words "Signal Spot", "Flash", and "Photolamp" and the representation of the lamp or bulb are disclaimed apart from the mark as shown.
For Incandescent Lamps or Bulbs Used in Photography.
Claims use since Jan. 2, 1936.

Ser. No. 380,947. ANDRÉ DE LAVARRE, New York, N. Y. Filed July 13, 1936.



For Motion Picture Films.
Claims use since Jan. 25, 1936.

Ser. No. 383,439. MCCOY SERVICE, INC., New York, N. Y. Filed Sept. 19, 1936.

Tele-Chek

For Combined Telephone Chronometer and Desk Pad Stands.
Claims use since Sept. 15, 1936.

Ser. No. 383,551. HENRY S. THOMSON, New York, N. Y. Filed Sept. 25, 1936.

MAGNI-LINE

For Attachment Consisting of a Magnifying Lens Contained in a Metal Frame to be Used as a Magnifying Line Finder by Attaching Same to the Line Finder of Copyholders by Means of Spring Clips Fastened on to the Back of the Frame Holding the Magnifying Lens.
Claims use since Apr. 22, 1931.

Ser. No. 385,189. LEEDS & NORTHRUP COMPANY, Philadelphia, Pa. Filed Nov. 5, 1936.

RAYOTUBE

For Pyrometers and Radiation Pyrometers.
Claims use since Sept. 25, 1936.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 383,240. TRABERT & HOEFFER INC., New York, N. Y. Filed Sept. 14, 1936.

STAR OF KIMBERLEY

For Diamonds and Precious Stones.
Claims use since Jan. 1, 1936.

Ser. No. 384,145. TRABERT & HOEFFER INC., New York, N. Y. Filed Oct. 8, 1936.

STAR *of the* ORIENT

For Diamonds and Precious Stones.
Claims use since Jan. 1, 1936.

CLASS 31

Filters and Refrigerators

Ser. No. 371,488. THE COOLERATOR COMPANY, Duluth, Minn. Filed Nov. 13, 1935.

ICY-CHEF

For Freezers for Ice Cream, Desserts, and Salads, and for Refrigerators.
Claims use since Mar. 25, 1932 on freezers; since Sept. 20, 1935 on refrigerators.

CLASS 32

Furniture and Upholstery

Ser. No. 384,160. LISSON-MELEN COMPANY, Lynn, Mass. Filed Oct. 9, 1936.

FLEX-O-LOC

The drawing is lined for orange.
For Spring Assemblies and Inner Springs for Cushions, Mattresses, and Upholstery.
Claims use since Dec. 30, 1935.

Ser. No. 384,986. VIRGINIA RUBATEX CORPORATION, Bedford, Va., and Jersey City, N. J. Filed Oct. 30, 1936.

FANNYETTE

For Seat Cushions Made of Expanded Rubber.
Claims use since Oct. 10, 1936.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 374,088. THE MIDLAND STEEL PRODUCTS COMPANY, Cleveland, Ohio. Filed Jan. 25, 1936.

SAFETCOOK

For Camp and Kitchen Stoves and Burners and Parts Therefor.
Claims use since Jan. 13, 1936.

Ser. No. 383,391. GAMBLE STORES, INCORPORATED, Minneapolis, Minn. Filed Sept. 18, 1936.

Coronado

For Gas, Coal, Wood, Electric, and Kerosene Stoves, Heaters, and Heating Circulators.
Claims use since November, 1935.

Ser. No. 383,877. R. E. DIETZ COMPANY, New York, N. Y. Filed Oct. 2, 1936.

COMET

For Glass Globes for Lanterns.
Claims use since July 12, 1935.

Ser. No. 384,067. CENTURY ENGINEERING CORPORATION, Cedar Rapids, Iowa. Filed Oct. 5, 1936.

ZEPH-O-LATOR

For Humidifiers, Air Washing, Air Filtering, Air Cooling, Air Circulating, Air Heating, and Air Conditioning Units.
Claims use since Sept. 25, 1936.

Ser. No. 384,240. EMBURY MANUFACTURING COMPANY, Warsaw, N. Y. Filed Oct. 12, 1936.

Luck · E · Lite

The word "Lite" is disclaimed apart from the mark.
For Flares Burning Liquid Fuel.
Claims use since Sept. 10, 1936.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 372,953. THE BONDALL COMPANY, St. Louis, Mo. Filed Dec. 23, 1935.

Safetybestos

For Molded Products Containing Asbestos—Namely, Brake Linings and Clutch Facing.
Claims use since March, 1933.

Ser. No. 384,312. AMERICAN FIRE HOSE COMPANY, Philadelphia, Pa. Filed Oct. 14, 1936.

LINED

The word "Lined" apart from the mark shown is disclaimed.
For Fire Hose.
Claims use since Oct. 2, 1936.

CLASS 36

Musical Instruments and Supplies

Ser. No. 377,199. HENRY STADLMAIR CO. INC., New York, N. Y. Filed Apr. 14, 1936.

G. A. Pfretzschner

The name G. A. Pfretzschner is fanciful, and is in the handwriting of Henry Stadlmair, president of applicant corporation.
For Violins, String Basses, Cellos, Violas, Double Bass Bows, Violin Bows, Cello Bows, and Viola Bows.
Claims use since Jan. 2, 1924.

CLASS 37

Paper and Stationery

Ser. No. 369,303. NATION WIDE PAPERS, INC., Chicago, Ill. Filed Sept. 14, 1935.

COMPASS BOND

The word "Bond" is disclaimed apart from the mark shown.
For Writing Paper, Printing Paper, and Bond Paper.
Claims use since Sept. 9, 1935.

Ser. No. 381,470. TOBEY-FINE PAPERS, INC., St. Louis, Mo. Filed July 25, 1936.

Assurance
OPAQUE
Parchment
RAG CONTENT

The words "Opaque", and "Parchment", and "Rag Content" are disclaimed apart from the mark as shown.
For Bond Paper and Writing Paper.
Claims use since June 22, 1933.

Ser. No. 382,023. AMERICAN AUTOMOBILE ASSOCIATION, INCORPORATED, Washington, D. C. Filed Aug. 10, 1936.

AAA

For Writing Paper, Envelopes, Wrapping Paper, Drawing Paper, Pencils, Pens, Blotters, Pencil Holders, Pen Holders, Book Covers, Identification Blanks and Forms.
Claims use since 1910.

Ser. No. 383,560. WYOMISSING GLAZED PAPER COMPANY, West Reading, Pa. Filed Sept. 23, 1936.

Wyomissing

The word "Wyomissing" is disclaimed apart from the mark as shown.
For Non-Curling Flint Glazed Papers, Fast-to-Light Non-Curling Flint Glazed Papers, Duplex Papers, Mat Papers (Suede) (Kid Finish), Metallic Papers, Jaspe Papers, Plate Papers, Friction Glazed Papers, Top Sized Waterproof Papers, Semi Waterproof Papers, Mica Papers and Embossed Papers.
Claims use since Aug. 19, 1932.

Ser. No. 384,107. THE HAMERSLEY MANUFACTURING COMPANY, Garfield, N. J. Filed Oct. 7, 1936.

WAXED PAPER

The words "Triangle Box" and "Waxed Paper" apart from the mark as a whole are disclaimed. The drawing is lined for green.
For Waxed Paper.
Claims use since Sept. 24, 1936.

Ser. No. 384,414. THE ESTERBROOK STEEL PEN MANUFACTURING COMPANY, Camden, N. J. Filed Oct. 16, 1936.

MONODIP

For Writing Pens of all Kinds and Fountain Pens.
Claims use since Sept. 10, 1936.

Ser. No. 384,703. EAGLE PENCIL COMPANY, New York, N. Y. Filed Oct. 23, 1936.

FLASH

For Lead Pencils, Crayons, Pencil Leads, Lumber Leads, Pencil Point Protectors, Pencil Holders, Pencil Lengtheners, Pencil Cases, Lead Boxes, Mechanical Pencils, Manually Operated Pencil Sharpeners, Penholders, Metallic Pens, Stylographic Pens, Fountain Pens, Rubber Erasers, Pencil Boxes, School Sets, Pen and Pencil Clips, Trays for Lead Pencils and Penholders and Easels for Lead Pencils and Penholders, Desk Sets and Desk Stands.
Claims use since March, 1905.

CLASS 38

Prints and Publications

Ser. No. 380,029. THE AMERICAN DANCER PUBLISHING CO., LTD., New York, N. Y. Filed June 22, 1936.

THE AMERICAN DANCER

For Magazines.
Claims use since May 20, 1927.

Ser. No. 381,595. THE WASHINGTON GAZETTE CORPORATION, Washington, D. C. Filed July 29, 1936.

WASHINGTON GAZETTE MAGAZINE

For Magazine.
Claims use since July 16, 1936.

Ser. No. 383,429. EDWARD L. FOERTSCH, doing business as Radiad Service, Chicago, Ill. Filed Sept. 19, 1936.

RADIAD

The drawing is lined for red.
For Periodical Program Skits for Radio Stations Sold as a Publication in Interstate Trade.
Claims use since November, 1935.

Ser. No. 384,768. SUNSET OIL COMPANY, Los Angeles, Calif. Filed Oct. 24, 1936.

"Curtain Calls"

For Section in a Monthly Trade Publication.
Claims use since Oct. 1, 1936.

Ser. No. 384,779. ADCRAFT CLUB OF DETROIT, Detroit, Mich. Filed Oct. 26, 1936.

The Adcrafter

For Periodical at Present Published Weekly.
Claims use since 1921.

Ser. No. 384,908. SIEBEL PUBLISHING COMPANY, Chicago, Ill. Filed Oct. 28, 1936.

THE BAKERS TECHNICAL DIGEST

For Periodical at Present Published Monthly.
Claims use since Apr. 14, 1936.

Ser. No. 384,911. HENRY K. ULLMAN, Washington, D. C. Filed Oct. 28, 1936.

SOUND-O-NYMS

For Puzzles for Publication in Newspapers or Other Periodicals.
Claims use since Oct. 23, 1936.

Ser. No. 385,240. UNITED FEATURE SYNDICATE, INC., New York, N. Y. Filed Nov. 6, 1936.

doodles

For Section or Column Appearing in a Newspaper or Periodical.
Claims use since Oct. 26, 1936.

CLASS 39

Clothing

Ser. No. 370,465. FREDERICK W. GOAKES, Cleveland, Ohio. Filed Oct. 17, 1935.

SPINE-EEZ

For Rubber Heels.
Claims use since Apr. 15, 1935.

Ser. No. 371,353. LORRAINE MANUFACTURING COMPANY, Pawtucket, R. I., and New York, N. Y. Filed Nov. 8, 1935. Under section 5b of the act of 1905 as amended in 1920.

GENUINE LORRAINE SURF WHITE

The words "Surf White" are disclaimed apart from the mark.
For Women's and Girls' Skirts, Waists, Suits, Coats, and Pajamas; Children's Rompers, Dresses, and Suits; Men's and Boys' Suits, Coats, and Trousers.
Claims use since Sept. 16, 1935.

Ser. No. 376,771. NATIONAL MODES, INC., New York, N. Y. Filed Apr. 3, 1936.

Carolyn

For Hosiery, Fur Coats, Underwear, Negligees, Women's Hats, and Shoes of Leather and Fabric.
Claims use since June 4, 1932.

Ser. No. 379,239. FRANCO CORSET COMPANY, New York, N. Y. Filed June 3, 1936.

Tournure-Lastik

For Foundation Garments and Girdles.
Claims use since Feb. 29, 1936.

Ser. No. 379,513. THE ELDER & JOHNSTON CO., Dayton, Ohio. Filed June 10, 1936.

Jonelle

For Women's Hosiery.
Claims use since Mar. 19, 1934.

Ser. No. 380,725. THE STACKS SHOE COMPANY, Cincinnati, Ohio. Filed July 7, 1936.

MODEL'S WONDERSHU

The word "Model's" except as shown is disclaimed.
For Shoes Made of Leather.
Claims use since Jan. 2, 1931.

Ser. No. 382,797. H. J. JUSTIN & SONS, INCORPORATED, Fort Worth, Tex. Filed Sept. 1, 1936.

JUSTIN EASY WALKER

For Leather Boots and Leather Shoes.
Claims use since 1930.

Ser. No. 382,801. ALBERT MITCHELL, New York, N. Y. Filed Sept. 1, 1936.

"BOVARDIA"



The word "Underwear" is disclaimed except in the association shown.

For Men's Outer Shirts, Men's Trousers, Men's Underwear, Women's, Misses', and Children's Underwear, Slips, Nightgowns, Pajamas, Panties, Shorts for Outer Wear, Under Vests, Brassières, Dance Sets Consisting of Bandeaux and Step-ins, Girdles, Chemises, Bed Jackets, Bloomers, and Negligees.

Claims use since Aug. 6, 1936.

Ser. No. 382,911. THE EASTERN ISLES IMPORTING CO., INC., New York, N. Y. Filed Sept. 4, 1936.

TOM GIRL

For Pajamas, Beach and Lounging Robes, and Slacks.
Claims use since June 15, 1936.

Ser. No. 383,047. AMERICAN AUTOMOBILE ASSOCIATION, INCORPORATED, Washington, D. C. Filed Sept. 9, 1936.



For Overalls, Raincoats, and Belts for Outer Wear.
Claims use since 1921.

Ser. No. 383,249. BACMO POSTMAN CORPORATION, New York, N. Y. Filed Sept. 15, 1936.

POSTMAN'S PAR SUEDE



COLOR FAST

The words "Suede", "Quality Beyond Question" and "Color Fast" and the shield are disclaimed.

For Gloves for Ladies, Children, and Men, Made of Leather, Fabric, or Combinations Thereof.

Claims use since January, 1935.

Ser. No. 383,460. AL BENJAMIN & BRO. INC., New York, N. Y. Filed Sept. 21, 1936.



For Women's, Misses', and Children's Gowns, Dresses, Suits, Wraps, Cloaks, and Coats.

Claims use since Feb. 1, 1931.

Ser. No. 383,741. JERSILD KNITTING COMPANY, Neenah, Wis. Filed Sept. 28, 1936.

The Winnebago

For Sweater Jackets and Coats Made From Cloth or Knitted Material for Men, Women, and Children.

Claims use since May 15, 1931.

Ser. No. 384,300. OPPENHEIM, COLLINS & CO. INC., Wilmington, Del., New York, Brooklyn, and Buffalo, N. Y., and Philadelphia, Pa. Filed Oct. 13, 1936.

Half-Pint

For Women's and Misses' Bath Robes, Negligees, Corsets, Dresses, and Underwear, Coats, and Suits.

Claims use since Jan. 10, 1936.

Ser. No. 384,326. GENERAL SHOE CORPORATION, Nashville, Tenn. Filed Oct. 14, 1936.

FLAG

For Boots and Shoes of Leather, Rubber, Fabric, or Combinations Thereof for Men, Women, and Children.

Claims use since Sept. 30, 1936.

Ser. No. 384,389. NEW-ZAN BANDEAU CO., INC., New York, N. Y. Filed Oct. 15, 1936.

NUZAN

For Brassières.

Claims use since January, 1935.

Ser. No. 384,435. PALCO HATS, INCORPORATED, Norwalk, Conn. Filed Oct. 16, 1936.

Longchamps

Fait à la Main

The words "Fait a la Main" mean "Made by Hand" and are disclaimed apart from the mark as shown.

For Men's Hats and Caps.

Claims use since Feb. 5, 1936.

Ser. No. 384,436. PALCO HATS, INCORPORATED, Norwalk, Conn. Filed Oct. 16, 1936.

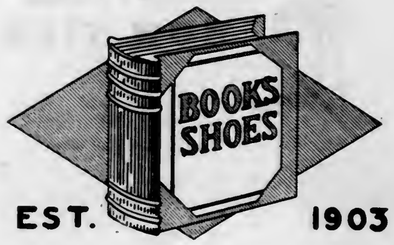


The words "Felt" and "Camel Hair" are disclaimed apart from the mark as shown.

For Men's Hats and Caps.

Claims use since Feb. 5, 1936.

Ser. No. 384,499. BOOK'S SHOE COMPANY, Pittsburgh, Pa. Filed Oct. 19, 1936.



The word "Shoes" is disclaimed apart from the mark as shown.

For Foot Wear—Namely, Boots and Shoes Made of Leather, Fabric, or Rubber and Combinations of These Materials, Including Rubbers and Rubber Boots.

Claims use since 1906.

Ser. No. 384,563. SCHLOSS BROS. & CO., INC., Baltimore, Md. Filed Oct. 19, 1936.

BRENTWOOD

The word "Brentwood" apart from the mark shown is disclaimed.

For Men's, Young Men's, Boys', and Children's Wearing Apparel—Namely, Suits, Coats, Vests, Trousers, Knickers, Full Dress Suits, Tuxedos; Coats, Vests and Trousers Classed as Sports Wear; Slacks, Raincoats, Overcoats, Top Coats, Wind Breakers, Leather Jackets, Sweaters; Men's and Boys' Dress, Negligee, and Work Shirts; Boys' Wash Suits and Blouses; Underwear; Hosiery; Gloves Made of Leather, Rubber, Fabric and Combinations Thereof; Bath Robes and Lounging Robes.

Claims use since Mar. 30, 1928.

Ser. No. 384,564. SCHLOSS BROS. & CO., INC., Baltimore, Md. Filed Oct. 19, 1936.

BRITTANY

The word "Brittany" apart from the mark shown is disclaimed.

For Men's, Young Men's, Boys', and Children's Wearing Apparel—Namely, Suits, Coats, Vests, Trousers, Knickers, Full Dress Suits, Tuxedos; Coats, Vests and Trousers Classed as Sports Wear; Slacks, Raincoats, Overcoats, Top Coats, Wind Breakers, Leather Jackets, Sweaters; Men's and Boys' Dress, Negligee, and Work Shirts; Boys' Wash Suits and Blouses; Underwear; Hats and Caps; Hosiery; Neckties, Scarfs and Mufflers; Gloves Made of Leather, Rubber, Fabric, and Combinations Thereof; Bath Robes and Lounging Robes.

Claims use since July 9, 1928.

Ser. No. 384,676. SOL SHERMAN, New York, N. Y. Filed Oct. 22, 1936.



TROPICAL
BOW TIES

The words "Bow Ties" apart from the mark as shown are disclaimed.

For Ties, Principally Bow Ties.

Claims use since October, 1924.

Ser. No. 384,700. BROWN DURRELL CO., New York, N. Y. Filed Oct. 23, 1936.

Gordon
Stick-Ups

For Hosiery.

Claims use since Oct. 15, 1936.

Ser. No. 384,720. RICE-FRIEDMAN CO., Milwaukee, Wis. Filed Oct. 23, 1936.



The word "Outerwear" apart from the mark as shown is disclaimed.

For Men's and Boys' Garments—Namely, Overcoats, Jackets, Mackinaws, Reefers, Coats, Pants, and Breeches.

Claims use since Oct. 7, 1936.

Ser. No. 384,725. WEINBERG CORPORATION, Chicago, Ill. Filed Oct. 23, 1936.



For Men's Outer Garments of Clothing—Namely, Suits, Coats, Trousers, and Overcoats.

Claims use since Oct. 8, 1936.

Ser. No. 384,760. PEERLESS SPORT APPAREL CO., INC., New York, N. Y. Filed Oct. 24, 1936.

PRE-HONEYMOON

For Women's, Misses', and Children's Dresses, Suits, Knitted Dresses, Knitted Shirts, Knitted Blouses, Sweaters, Slips, and Skirts.

Claims use since June 12, 1936.

Ser. No. 384,761. THE PRINTZ-BIEDERMAN COMPANY, Cleveland, Ohio. Filed Oct. 24, 1936.

Royalty
Fashion

The word "Fashion" apart from the mark shown is disclaimed.

For Women's Wearing Apparel—Namely, Coats and Suits.

Claims use since May 25, 1936.

Ser. No. 384,936. THE SELBY SHOE CO., Portsmouth, Ohio. Filed Oct. 29, 1936.

TOWN-WISE

For Women's Shoes of Leather and Fabric, and a Combination of These Materials.

Claims use since Sept. 1, 1936.

Ser. No. 384,940. UNITED STATES RUBBER PRODUCTS, INC., New York, N. Y. Filed Oct. 29, 1936.

Penguin

For Rain Coats Made of Rubber and Fabric.

Claims use since Oct. 13, 1936.

Ser. No. 384,967. MAIDEN FORM BRASSIERE COMPANY, INC., New York, N. Y. Filed Oct. 30, 1936.

INTIMO

For Brassières, Bandeaux, Corsets, Corselets, Panties, Pantie-Girdles, Girdles, and Garter-Belts.

Claims use since Oct. 28, 1936.

Ser. No. 384,976. I. SCHNEIERSON & SONS, INC., New York, N. Y. Filed Oct. 30, 1936.

"SEMI-VEE"

For Ladies' Chemises, Princess Slips, Bloomers, Step-Ins, and Nightgowns of a Textile Fabric.

Claims use since Aug. 27, 1936.

Ser. No. 384,990. BRILLIANT BROTHERS COMPANY, Boston, Mass. Filed Oct. 31, 1936.



The phrases "Combination Last"—"Trade Mark"—"Ventilated Arch"—"Comfort Health"—and "Calfskin" apart from the mark shown are disclaimed.

For Leather Shoes.

Claims use since September, 1934.

Ser. No. 385,088. CARR SYSTEM, INC., New York, N. Y. Filed Nov. 3, 1936.

TOUCHWOOD

For Ladies' and Misses' Hats.

Claims use since Aug. 10, 1936.

Ser. No. 385,102. THE LA RESISTA CORSET COMPANY, Bridgeport, Conn. Filed Nov. 3, 1936.

Très Secrète

For Ladies' Corsets, Corselets, Girdles, and Combination Foundation Undergarments Comprising Combinations of Two or More of the Following:—Brassière or Bandeau, Girdle, Corset, or Corselet and Underdrawers or Bloomers.

Claims use since Oct. 30, 1936.

Ser. No. 385,225. FREEMAN SHOE CORPORATION, Beloit, Wis. Filed Nov. 6, 1936.

ARCH-I-TECTED

For Boots and Shoes of Leather, Rubber, Fabric, or Combinations Thereof.

Claims use since Sept. 30, 1936.

Ser. No. 385,305. ROAMAN'S INC., New York, N. Y. Filed Nov. 9, 1936.

Roamanette

For Women's Clothing—Namely, Dresses and Coats.

Claims use since July 1, 1935.

Ser. No. 385,330. M. FINE & SONS MANUFACTURING CO., INC., New York, N. Y. Filed Nov. 10, 1936.

Lucky-5

For Jackets, Play Suits, Boys' Blouses, Boys' Shirts, Pajamas, Flannel Shirts, Night Shirts, Sport Shirts, Dress Shirts, Overalls, Overall Coats, Underwear of Knitted and Textile Fabric for Men, Women and Children, Workshirts, Workpants and/or Trousers.

Claims use since July 1, 1935.

Ser. No. 385,591. LIBERTY OVERALL CO., doing business as Liberty Trouser Company, Birmingham, Ala. Filed Nov. 16, 1936.



For Overalls, Trousers, Men's Suits, Boys' Suits, and Sport Jackets.

Claims use since Oct. 5, 1915.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 382,189. LAING, HARRAR & CHAMBERLIN, INC., Philadelphia, Pa. Filed Aug. 12, 1936.

BROADWAY

For Mercerized Shoe Laces.

Claims use since Jan. 3, 1932.

Ser. No. 382,390. ABEL MORRALL LIMITED, Redditch, England. Filed Aug. 20, 1936.

AERO

For Knitting Pins, Knitting Stitch Holders, Crochet Hooks, Knitting Pin Caps or Protectors, All Being Goods of Ordinary Metal and Intended for Hand Use.
Claims use since Sept. 1, 1933.

Ser. No. 384,337. HAROLD J. SEARER, doing business as Akron Linen Products Company, Akron, Ohio. Filed Oct. 14, 1936.

Sanisuede Straps

The term "Straps" is disclaimed apart from the mark as shown.
For Wrist Watch Straps.
Claims use since Sept. 1, 1936.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 378,064. AMERICAN BLEACHED GOODS COMPANY, INC., New York, N. Y. Filed May 6, 1936.

SATURN

For Rayon Piece Goods.
Claims use since December, 1915.

Ser. No. 378,405. WM. T. KNOTT COMPANY, INC., New York, N. Y. Filed May 13, 1936.

MERSILLA

For Awning Stripes and Ticking, Bed Covers, Bed Linens, Bed Sheets and Pillow Cases, Bed Spreads, Blankets, Canvas in the Piece, Carpets, Curtains, Draperies, Ribbons, Rugs, Towels, and Woven, Knitted, Netted, Textile, and Pile Fabrics in the Piece, Such as Velvets and Velveteens, Mohair, Plush, Astrakhan, Camelshair, Velour, Chinchilla, Mohair Frieze, and Dopak, Tablecloths, Napkins, Damask, Cotton, Linen, Wool, and Artificial-Silk Piece-Goods.
Claims use since Mar. 2, 1936.

Ser. No. 384,550. PEPPERELL MANUFACTURING COMPANY, Boston, Mass. Filed Oct. 19, 1936.

TROPIC—SPUN

The word "Spun" is disclaimed apart from the mark as shown.
For Piece Goods of Spun Rayon, Rayon, Mixtures of Wool and Rayon, and Mixtures of Cotton and Rayon.
Claims use since Feb. 4, 1936.

Ser. No. 384,560. CARLETON SCHALLER & CO., INC., New York, N. Y. Filed Oct. 19, 1936.

Dalmatian Checks
A GREENISLE FABRIC

The words "Dalmatian Checks" and "Fabric" are disclaimed apart from the mark.
For Warranted Pure Linen in the Piece.
Claims use since June 6, 1936.

Ser. No. 384,561. CARLETON SCHALLER & CO., INC., New York, N. Y. Filed Oct. 19, 1936.

FLAXTWIST
A GREENISLE FABRIC

The words "Flaxtwist" and "Fabric" are disclaimed apart from the mark as shown.
For Warranted Pure Linen in the Piece.
Claims use since June 13, 1934.

Ser. No. 384,891. WILLIAM GOODACRE & SONS, LTD., New York, N. Y. Filed Oct. 28, 1936.

GOODSO

For Sisal Rugs.
Claims use since June, 1934.

CLASS 43

Thread and Yarn

Ser. No. 370,889. NORTH AMERICAN RAYON CORPORATION, New York, N. Y. Filed Oct. 28, 1935.

STAFA

For Thread and Yarn of Artificial Origin.
Claims use since Oct. 2, 1935.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 372,193. THE AMERICAN DIRIGOLD CORPORATION, Kokomo, Ind. Filed Dec. 3, 1935.

Dirigold

For Manicure Instruments.
Claims use since Aug. 13, 1935.

Ser. No. 383,855. WILLIAM J. SULLIVAN, doing business as National Electrical Research and Manufacturing Company, Washington, D. C. Filed Oct. 1, 1936.

Tel-audio

For Electrical Hearing Device and Parts Thereof.
Claims use since February, 1936.

Ser. No. 384,759. NICHOLS NASAL SYPHON, INC., New York, N. Y. Filed Oct. 24, 1936.

NAZLEX

For Nasal Syphons.
Claims use since Oct. 20, 1936.

Ser. No. 384,901. I. B. KLEINERT RUBBER COMPANY, New York, N. Y. Filed Oct. 28, 1936.

Conforma

For Sanitary Belts.
Claims use since Oct. 19, 1936.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 384,418. FRIES & FRIES, INC., Cincinnati, Ohio. Filed Oct. 16, 1936.

F&F

For Syrups, Extracts and Flavoring Compounds for Making Nonalcoholic, Noncereal, Maltless Beverages.
Claims use since Apr. 29, 1930.

Ser. No. 384,970. THE MILLER BECKER CO., Cleveland, Ohio. Filed Oct. 30, 1936.

SMARTY

For Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks and Syrups, Extracts, and Flavors Used in Making the Same.
Claims use since May 11, 1936.

Ser. No. 385,080. WYLER & COMPANY, Chicago, Ill. Filed Nov. 2, 1936.



For Prepared Powder for Making Soft Drinks.
Claims use since Feb. 15, 1935.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 364,127. DRY FRUIT PRODUCTS CORPORATION, Oakland, Calif. Filed Apr. 24, 1935.

PRUNEPEP

For Bread and Fruit Concentrates in Dehydrated Form for Use in Manufacturing Bread and Baked Products.
Claims use since March, 1935.

Ser. No. 368,176. GOMEI KAISHA DOMOTO SHOKAI, Minami-Ku, Osaka, Japan. Filed Aug. 10, 1935.



For Canned Beef, Canned Chicken, Canned Fish, Canned Fruit, Canned Bonito, Canned Edible Seaweeds, Canned Fish Boiled with Soy, Canned Sea-Urchins, and Canned Ear-Shell.
Claims use since August, 1903.

Ser. No. 371,469. ROBERT C. JOHNSON, West Pensacola, Fla. Filed Nov. 12, 1935.

JOHNSON'S BARBEQUE

Johnson's 1 of 3

The word "Barbeque" is disclaimed apart from the mark shown.
For Prepared Minced and Barbecued Chicken, Manufactured for Sale in Cans and Analogous Containers.
Claims use since March, 1927.

Ser. No. 373,681. FARMERS' COOPERATIVE EXCHANGE, Raleigh, N. C. Filed Jan. 15, 1936.

PURCHASING MARKETING
COOPERATIVE

For Dairy Feed, Poultry Feed, Dog Feed, Stock Feed, Self-Rising Flour, and Wheat Flour.
Claims use since June, 1934.

Ser. No. 379,875. CARNATION COMPANY, Wilmington, Del., Milwaukee and Oconomowoc, Wis., and Seattle, Wash. Filed June 18, 1936.



For Salad Oil.
Claims use since June 8, 1936.

Ser. No. 380,428. WHYTE FEED MILLS, doing business as horse-shoe Dog Food Co., Pine Bluff, Ark. Filed June 29, 1936.



For Dog Food.
Claims use since 1921.

Ser. No. 380,446. FABRIQUE DE PATES DE FOIES GRAS EDOUARD ARTZNER, Strasbourg, France. Filed June 30, 1936.



The printed matter "Bloc"—"de Foie Gras aux Truffes"—"Strasbourg (France)" is disclaimed apart from the mark.
For Pate de Foies Gras, Galantine of Goose Liver Paste.
Claims use since May, 1935.

Ser. No. 381,235. STANDARD NUT MARGARINE CO., Indianapolis, Ind. Filed July 20, 1936.



The word "Vegetable" is disclaimed apart from the mark shown. The drawing is lined for blue.
For Oleomargarine.
Claims use since Feb. 12, 1936.

Ser. No. 381,321. PACKARD MILLING COMPANY, Custer, Okla. Filed July 22, 1936.



The words "Custer's" and "Best" are disclaimed apart from the mark. The portrait is fanciful.
For Wheat Flour for Making Bread.
Claims use since Mar. 1, 1933.

Ser. No. 381,967. BURRY BISCUIT CORPORATION, Linden, N. J. Filed Aug. 10, 1936.



For Crackers.
Claims use since July 20, 1936.

Ser. No. 382,373. ARMENO CEREAL CO., Westboro, Mass. Filed Aug. 20, 1936.

ARMENO

For Cereals and Cereal Products—Namely, Rolled Wheat (a Breakfast Cereal), Wheat Flakes, Whole Wheat Cereal, Puffed Wheat, Rice, Corn, Oats, and Barley.
Claims use since 1910.

Ser. No. 382,381. HALLIE ROSINE DOORLY, Saugerties Township, N. Y. Filed Aug. 20, 1936.



The words "Legorn Laid" are disclaimed apart from the mark.
For Eggs.
Claims use since Aug. 10, 1936.

Ser. No. 383,185. SUN HARBOR PACKING CORP., San Diego, Calif. Filed Sept. 12, 1936.

Sea Pearl

Applicant is the owner of trade-mark registration No. 166,259.
For Canned Tuna.
Claims use since July, 1914.

Ser. No. 383,275. ROBERT H. STORZ, Omaha, Nebr., and Turin, Iowa. Filed Sept. 15, 1936.



The word "Turkey" apart from the mark shown is disclaimed.
For Dressed Turkeys.
Claims use since Sept. 5, 1936.

Ser. No. 383,717. BURRY BISCUIT CORPORATION, Chicago, Ill., and Linden, N. J. Filed Sept. 28, 1936.



Coronation

For Biscuits, Crackers, and Cookies.
Claims use since Aug. 31, 1936.

Ser. No. 383,851. THE POLK COMPANY, Haines, Fla. Filed Oct. 1, 1936.

PIC-ME-UP

For Fruit Juices for Food Purposes.
Claims use since Sept. 22, 1936.

Ser. No. 383,861. GIUSEPPE TEDONE, West New York, N. J. Filed Sept. 29, 1936.

FOOD-O-CREAM

The words "Food" and "Cream" are disclaimed apart from the mark shown.
For Cream Cheese.
Claims use since Apr. 5, 1936.

Ser. No. 384,113. THE WILLIAM G. BELL COMPANY, Boston, Mass. Filed Oct. 8, 1936, under 10-year proviso.

BELL'S

For Spiced Seasonings.
Claims use since Mar. 10, 1878.

Ser. No. 384,114. THE WILLIAM G. BELL COMPANY, Boston, Mass. Filed Oct. 8, 1936, under 10-year proviso.



For Spiced Seasonings.
Claims use since Mar. 10, 1878.

Ser. No 384,283. THE COBLESKILL MILLING CO. INC., Cobleskill, N. Y. Filed Oct. 13, 1936.



The representation of the child is fanciful.
For Self-Rising Pancake and Waffle Flour, and Self-Rising Buckwheat and Wheat Pancake Flour.
Claims use since Sept. 11, 1936.

Ser. No. 384,603. TREESWEET PRODUCTS CO., Los Angeles, Calif. Filed Oct. 20, 1936.

INSTO VAC

For Canned Orange Juice for Food Purposes.
Claims use since Oct. 10, 1936.

Ser. No. 384,892. DIEGO GUARDINO, Brooklyn, N. Y. Filed Oct. 28, 1936.

ROUND-N-ROUND

For Ice Cream and Sherbets.
Claims use since Jan. 2, 1936.

Ser. No. 384,894. HOLLYWOOD BRANDS, INC., doing business as Hollywood Candy Co., Minneapolis, Minn. Filed Oct. 28, 1936.

GREAT GUNS

For Candy.
Claims use since Feb. 10, 1932.

CLASS 47

Wines

Ser. No. 382,786. BERINGER BROS., INC., St. Helena, Calif. Filed Sept. 1, 1936, under 10-year proviso.



For Wines.
Claims use since 1876.

Ser. No. 383,994. EUROPEAN WINE EXPORTERS & GROWERS AGENCIES, INC., New York, N. Y. Filed Oct. 5, 1936.

COSTA



For Wine.
Claims use since January, 1936.

CLASS 49

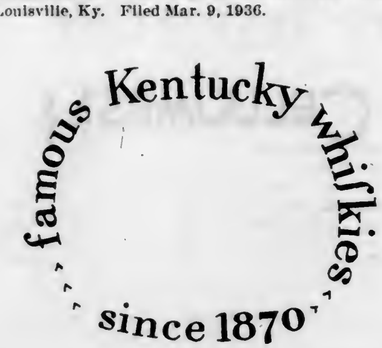
Distilled Alcoholic Liquors

Ser. No. 343,967. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa. Filed Nov. 22, 1933.



The words "Keystone State" are disclaimed apart from the rest of the mark.
For Whiskey, Gin, Rum, Rye, Brandy, and Cordials.
Claims use since Nov. 17, 1933.

Ser. No. 375,752. BROWN-FORMAN DISTILLERY COMPANY, Louisville, Ky. Filed Mar. 9, 1936.



The words "Kentucky Whiskies" are disclaimed apart from the mark.
For Whiskey, Gin, Rum, Brandy, and Alcoholic Cordials.
Claims use since Jan. 1, 1934.

Ser. No. 382,895. SUNSET DISTILLING COMPANY, Chicago, Ill. Filed Sept. 3, 1936.

Leatherneck
A MAN'S DRINK!

The phrase "A Man's Drink" per se, except in the combination shown is disclaimed.
For Whiskies.
Claims use since Aug. 4, 1936.

Ser. No. 384,026. JAMES BUCHANAN & COMPANY LIMITED, London, England. Filed Oct. 6, 1936.

BLACK & WHITE OVAL

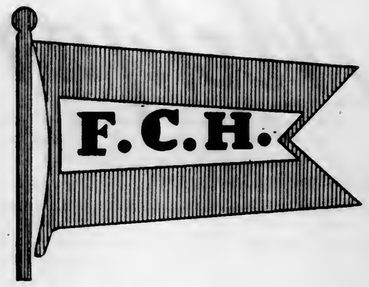
For Whisky.
Claims use since July 7, 1936.

Ser. No. 385,339. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa. Filed Nov. 10, 1936.

CLEARSTILL

For Whiskey, Gin, Rum, Rye, Brandy, and Alcoholic Cordials.
Claims use since Mar. 23, 1936.

Ser. No. 385,353. FREDERICK C. HAVEMEYER, New York, N. Y. Filed Nov. 10, 1936.



The drawing is lined for red.
For Whiskey, Gin, Rum, Brandy, and Alcoholic Cordials.
Claims use since Oct. 30, 1936.

Ser. No. 385,648. THE SCOTTISH GRAIN DISTILLING CO. LIMITED, Glasgow, Scotland. Filed Nov. 17, 1936.

STRATHCLYDE

For Whisky.
Claims use since 1933.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 382,976. WILLIAM T. GRAFF, JR., doing business as Park Bird House Co., White Plains, N. Y. Filed Sept. 5, 1936.

"Give Jenney Wren A Home"

For Bird Houses.
Claims use since Feb. 1, 1936.

Ser. No. 384,015. THE SCHWARZWAELDER CO., Philadelphia, Pa. Filed Oct. 5, 1936.



For Waterproofed Fabrics.
Claims use since June 18, 1936.

Ser. No. 384,615. RALPH L. GARNIER, Los Angeles, Calif. Filed Oct. 21, 1936.

Metqar

For Photo Engraved Printing Plates.
Claims use since Mar. 1, 1936.

Ser. No. 384,801. LUBBERS & BELL MANUFACTURING COMPANY, Clinton, Iowa. Filed Oct. 26, 1936.

CELLUMESH

For Fly Swatters.
Claims use since Oct. 16, 1936.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

DECEMBER 29, 1936

341,865. MEN'S AND BOYS' SUITS AND OVERCOATS. S. PORIZKY, doing business as Eastern Hatters & Clothers, Salt Lake City, Utah.
Filed November 17, 1931. Serial No. 321,213. PUBLISHED MARCH 10, 1936. Class 39.

341,866. BEER AND MALT BEVERAGES. GEORGE R. MARTIN, New York, N. Y., assignor to Old Dutch Brewers, Inc., Brooklyn, N. Y., a corporation of New York.
Filed July 1, 1933. Serial No. 339,437. PUBLISHED OCTOBER 20, 1936. Class 48.

341,867. LACQUERS, LACQUER ENAMELS, VARNISHES, COATINGS CONTAINING SYNTHETIC RESINS, READY MIXED PAINTS, PAINTS IN THE FORM OF PASTE, ETC. BREVOLITE LACQUER COMPANY, North Chicago, Ill., assignor to Atlas Powder Company, Wilmington, Del., a corporation of Delaware.
Filed February 7, 1934. Serial No. 347,045. PUBLISHED OCTOBER 20, 1936. Class 16.

341,868. LACQUERS, LACQUER ENAMELS, VARNISHES, COATINGS CONTAINING SYNTHETIC RESINS, READY-MIXED PAINTS, PAINTS IN THE FORM OF PASTE, ETC. BREVOLITE LACQUER COMPANY, North Chicago, Ill., assignor to Atlas Powder Company, Wilmington, Del., a corporation of Delaware.
Filed February 7, 1934. Serial No. 347,047. PUBLISHED OCTOBER 20, 1936. Class 16.

341,869. LADIES' AND MISSES' JACKETS, SWEATERS, SHORTS, AND SLACKS. STRAUS, ROYER & STRASS, INC., Baltimore, Md.
Filed July 24, 1934. Serial No. 354,270. PUBLISHED OCTOBER 13, 1936. Class 39.

341,870. HOSIERY FOR WOMEN. COOPER, WELLS & COMPANY, St. Joseph, Mich.
Filed December 20, 1934. Serial No. 359,509. PUBLISHED OCTOBER 20, 1936. Class 39.

341,871. REDUCING PREPARATION FOR OBESITY. HAROLD VAN WICKLE, Atlantic City, N. J.
Filed March 28, 1935. Serial No. 363,130. PUBLISHED OCTOBER 6, 1936. Class 6.

341,872. ICE CREAM FREEZERS. CONCO ENGINEERING WORKS, Mendota, Ill.
Filed May 13, 1935. Serial No. 364,859. PUBLISHED OCTOBER 20, 1936. Class 31.

341,873. VENTILATING FANS, FAN AND RADIATOR HEATING UNITS, FAN WINDOW VENTILATORS, BLOWERS, AND PARTS THEREOF. THE MASTER ELECTRIC COMPANY, Dayton, Ohio.
Filed July 20, 1935. Serial No. 367,507. PUBLISHED OCTOBER 20, 1936. Class 34.

341,874. WRITING PAPER, BOND PAPER, AND PRINTING PAPER. NATION WIDE PAPERS, INC., Chicago, Ill.
Filed July 25, 1935. Serial No. 367,677. PUBLISHED OCTOBER 20, 1936. Class 37.

341,875. CHINA AND EARTHENWARE TABLEWARE AND VASES. MADDOCK & MILLER, INC., New York, N. Y.
Filed June 27, 1936. Serial No. 380,355. PUBLISHED OCTOBER 20, 1936. Class 30.

341,876. DRY CLEANING MACHINERY. THE BAND BOX CORPORATION, St. Louis, Mo.
Filed June 29, 1936. Serial No. 380,381. PUBLISHED OCTOBER 20, 1936. Class 24.

341,877. RAZOR BLADES. L. S. WITTE, doing business as Smile Blade Co., Milwaukee, Wis.
Filed June 29, 1936. Serial No. 380,429. PUBLISHED OCTOBER 20, 1936. Class 23.

341,878. PYROXYLIN COATED CLOTH SUITABLE FOR UPHOLSTERY. ASHER & BORETZ, INC., New York, N. Y.
Filed June 30, 1936. Serial No. 380,434. PUBLISHED OCTOBER 20, 1936. Class 50.

341,879. LADIES' FUR COATS. DANBERG FURS INC., New York, N. Y.
Filed June 30, 1936. Serial No. 380,441. PUBLISHED OCTOBER 13, 1936. Class 39.

341,880. PRESSING OIL TO STRAIGHTEN THE HAIR AND GIVE IT A HIGH GLOSS, AND FINGER WAVE BASE HAIR GROWER, RECOMMENDED TO MAKE THE HAIR GROW. FRANCES BRYANT, Brooklyn, N. Y.
Filed July 3, 1936. Serial No. 380,545. PUBLISHED OCTOBER 13, 1936. Class 6.

341,881. RAZOR BLADES. GENERAL BLADE CORP., New York, N. Y.
Filed July 21, 1936. Serial No. 381,268. PUBLISHED OCTOBER 20, 1936. Class 23.

341,882. PAINT OIL. VALENTINE & COMPANY, New York, N. Y.
Filed July 21, 1936. Serial No. 381,299. PUBLISHED OCTOBER 20, 1936. Class 16.

341,883. PAINT ENAMELS, DRY, READY MIXED, AND PASTE PAINTS, VARNISHES, POLISHES, THINNERS, LACQUERS, AND WAX POLISHES. STAR-BRITE PAINT CO., Chicago, Ill.
Filed July 25, 1936. Serial No. 381,469. PUBLISHED OCTOBER 20, 1936. Class 16.

341,884. ABSORBENT FACE CLEANSING SHEETS MADE OF PAPER. INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill.
Filed July 27, 1936. Serial No. 381,484. PUBLISHED OCTOBER 20, 1936. Class 37.

341,885. PREPARATION FOR PERMANENT WAVING OF HAIR FOR SELF APPLICATION. W. K. MAX HASSENSTEIN, doing business as Movie Cosmetics Co., Hollywood, Calif.
Filed August 10, 1936. Serial No. 381,986. PUBLISHED OCTOBER 20, 1936. Class 6.

341,886. ALKALINE ANTACID POWDER FOR THE RELIEF OF STOMACH DISTRESS DUE TO EXCESSIVE GASTRIC ACIDITY, HEARTBURN, SOUR STOMACH, FLATULENCE, AND ACID DYSPEPSIA. FORD HOPKINS COMPANY, doing business as Bismador Company, Chicago, Ill.
Filed August 10, 1936. Serial No. 381,982. PUBLISHED OCTOBER 13, 1936. Class 6.

341,887. PAYROLL RECORD BOOKS. HENRY P. DUNCKER, doing business as Security Press, St. Louis, Mo.
Filed August 10, 1936. Serial No. 381,976. PUBLISHED OCTOBER 20, 1936. Class 37.

341,888. MEDICATED TABLETS FOR HUMAN USE IN THE TREATMENT OF ASTHMA AND BRONCHIAL TRACK INFECTIONS. ANESTAN LIMITED, London, England.
Filed August 10, 1936. Serial No. 381,956. PUBLISHED OCTOBER 13, 1936. Class 6.

341,889. CIGARS, STOGIES, CIGARETTES, AND SMOKING AND CHEWING TOBACCO. JOHN F. BOLON, doing business as John F. Bolon Cigar Company, Bethesda, Ohio.
Filed August 8, 1936. Serial No. 381,931. PUBLISHED OCTOBER 20, 1936. Class 17.

341,890. BABY CARRIAGES. BENNETT MFG. COMPANY, INC., North Troy, Vt., and Mount Vernon, N. Y.
Filed August 8, 1936. Serial No. 381,929. PUBLISHED OCTOBER 20, 1936. Class 19.

341,891. WOOD CASED LEAD PENCILS. SANDERS MANUFACTURING COMPANY, Nashville, Tenn.
Filed August 6, 1936. Serial No. 381,879. PUBLISHED OCTOBER 13, 1936. Class 37.

341,892. PREPARATION FOR SUPPLYING ORGANIC SEA MINERALS IN READILY ASSIMILABLE FORM. JOHN M. BAIR, doing business as The Kelpamalt Co., New York, N. Y.
Filed July 11, 1936. Serial No. 380,901. PUBLISHED OCTOBER 6, 1936. Class 6.

341,893. HOSIERY. WAYNE KNITTING MILLS, Fort Wayne, Ind.
Filed July 10, 1936. Serial No. 380,896. PUBLISHED OCTOBER 13, 1936. Class 39.

341,894. MEDICINAL BREATH TABLETS. GEORGE C. COOK, Rockville Centre, N. Y.
Filed July 9, 1936. Serial No. 380,825. PUBLISHED OCTOBER 6, 1936. Class 6.

341,895. MEDICINAL PERIODIC REGULATOR FOR USE IN GYNECOLOGICAL PRACTICE. LEWYN DRUG INCORPORATED, doing business as Lewyn Drug Laboratories, Los Angeles, Calif.
Filed July 8, 1936. Serial No. 380,777. PUBLISHED OCTOBER 6, 1936. Class 6.

341,896. SKIN CREAMS, SKIN LOTIONS, ALMOND TISSUE CREAM, EMULSIFIED CLEANSING CREAM, LIQUEFYING CLEANSING CREAM, HERBAL SKIN TONIC, HERBAL ASTRINGENT, HERBAL ASTRINGENT CREAM, LIP STICK, SUN TAN OIL, AND CREAM FOR PREVENTING SUNBURN. CHRYSON'S, LTD., Los Angeles, Calif.
Filed July 7, 1936. Serial No. 380,700. PUBLISHED OCTOBER 13, 1936. Class 6.

341,897. SKIN LOTIONS AND SKIN CREAMS. CHRYSON'S, LTD., Los Angeles, Calif.
Filed July 7, 1936. Serial No. 380,699. PUBLISHED OCTOBER 13, 1936. Class 6.

341,898. CREAM ROUGE AND LIPSTICK. CHRYSON'S, LTD., Los Angeles, Calif.
Filed July 7, 1936. Serial No. 380,696. PUBLISHED OCTOBER 13, 1936. Class 6.

341,899. MEDICINAL PREPARATION FOR THE TREATMENT OF CROUP, BRONCHITIS, PNEUMONIA, ARTHRITIS, AND RHEUMATISM. JOSEPH M. PURCELL, doing business as The Ellsworth Chemical Company, Mechanicville, N. Y.
Filed July 6, 1936. Serial No. 380,662. PUBLISHED OCTOBER 20, 1936. Class 6.

341,900. FOOT LOTION AND DEODORANT. CORINNE AUCLAIR WHITE, Lynn, Mass.
Filed July 3, 1936. Serial No. 380,606. PUBLISHED OCTOBER 6, 1936. Class 6.

341,901. PREPARATIONS USED IN CASES OF HYPERACID STOMACH, RHEUMATISM, ARTHRITIS, NEURITIS, AND OTHER CONDITIONS DUE TO HYPERACIDITY. CHARLES DE LE FOND, doing business as Kalsol Laboratories, Los Angeles, Calif.
Filed July 28, 1936. Serial No. 381,599. PUBLISHED OCTOBER 13, 1936. Class 6.

341,902. MEN'S OVERCOATS AND TOP COATS. MARKS ROSENBERG & BROS., New York, N. Y.
Filed July 28, 1936. Serial No. 381,535. PUBLISHED OCTOBER 20, 1936. Class 39.

341,903. HAIR SHAMPOOS. T. A. WHEELER, HAIR DOCTOR, LIMITED, London, England.
Filed July 27, 1936. Serial No. 381,506. PUBLISHED OCTOBER 20, 1936. Class 6.

341,904. AUTOMOBILES. RALPH WALKER, Kokomo, Ind.
Filed July 27, 1936. Serial No. 381,503. PUBLISHED OCTOBER 20, 1936. Class 19.

341,905. WOMEN'S, MISSES', AND CHILDREN'S DRESSES, SHIRTS, SHORTS, BLOUSES, SKIRTS, SLACKS, LONG PANTS, MIDDIES, PLAY SUITS, JACKETS AND SUITS. STRAUS, ROTER & STRASS, INC., Baltimore, Md.
Filed July 3, 1936. Serial No. 380,597. PUBLISHED OCTOBER 13, 1936. Class 39.

341,906. HOSIERY. J. W. LANDENBERGER & CO., Philadelphia, Pa.
Filed July 3, 1936. Serial No. 380,576. PUBLISHED SEPTEMBER 29, 1936. Class 39.

341,907. SOOTHING, HEALING OINTMENT PRODUCT CONTAINING VITAMINS ADAPTED FOR EXTERNAL APPLICATION IN THE TREATMENT OF BURNS, INFECTIONS, CHAPPED HANDS, AND CERTAIN TYPES OF ECZEMA. INTERNATIONAL VITAMIN CORPORATION, New York, N. Y.
Filed June 15, 1936. Serial No. 379,748. PUBLISHED OCTOBER 6, 1936. Class 6.

341,908. DISH TOWELS MADE OUT OF FLOUR-SACK CLOTH. HARRY COHEN, doing business as "Kitchen-Maid" Dishtowel Co., Seattle, Wash.
Filed July 16, 1936. Serial No. 381,065. PUBLISHED OCTOBER 20, 1936. Class 42.

341,909. LEGGINGS, PANTS, COATS, JACKETS, MACKINAWS, LUMBERJACKS, MUFFLERS, HATS, HELMETS, BERETS, MITTENS, ETC. GOTTFRIED OPPENHEIMER, INC., New York, N. Y.
Filed July 14, 1936. Serial No. 380,989. PUBLISHED OCTOBER 6, 1936. Class 39.

341,910. COSMETICS—NAMELY, PREPARATIONS FOR USE IN DERMATOLOGICAL TREATMENT INCLUDING PREPARATIONS FOR NOURISHING, SOFTENING, TONING, PROTECTING, AND SOOTHING THE SKIN, ETC. MARY IMOGENE SHEPHERD, doing business as General Cosmetic Company, Chicago, Ill.
Filed July 13, 1936. Serial No. 380,974. PUBLISHED OCTOBER 6, 1936. Class 6.

341,911. MEN'S AND BOYS' DRESS PANTS, WORK PANTS, BREECHES, KNEE PANTS, KNICKERS, OVERALLS, JACKETS, DUNGAREES, AND ONE PIECE SUITS, AND SHIRTS. ELLANDEE TROUSER COMPANY, Philadelphia, Pa.
Filed June 11, 1936. Serial No. 379,556. PUBLISHED OCTOBER 20, 1936. Class 39.

341,912. MEN'S DRESS, NEGLIGEE, AND WORK SHIRTS, PAJAMAS, UNDERWEAR, AND HOSIERY. CAVENDISH TRADING CORPORATION, New York, N. Y.
Filed July 20, 1936. Serial No. 381,189. PUBLISHED OCTOBER 20, 1936. Class 39.

341,913. DENTAL TOOTH POWDER, MOUTH WASH, COUNTERIRRITANT AND ANTISEPTIC PREPARATION, CAVITY COATING PREPARATION FOR NATURAL TEETH, NEURALGIA CAPSULE, DENTAL EUGENOL, ASTRINGENT, DENTURE POWDER FOR HOLDING FALSE TEETH IN PLACE, SEDATIVE PREPARATION FOR LOCAL ORAL APPLICATION, DENTAL PROPHYLAXIS TABLETS FOR CLEANING NATURAL TEETH, SODIUM PERBORATE, COLD CREAM, AND SKIN LOTION. R. K. SUMMIT LABORATORIES, INC., Cleveland, Ohio.
Filed July 20, 1936. Serial No. 381,236. PUBLISHED OCTOBER 20, 1936. Class 6.

341,914. SILVER PLATED FLATWARE FOR TABLE USE AND THE LIKE. INTERNATIONAL SILVER COMPANY, Meriden, Conn.
Filed August 18, 1936. Serial No. 382,312. PUBLISHED OCTOBER 20, 1936. Class 28.

341,915. CAST IRON PIPE. AMERICAN CAST IRON PIPE COMPANY, Birmingham, Ala.
Filed August 19, 1936. Serial No. 382,333. PUBLISHED SEPTEMBER 29, 1936. Class 13.

341,916. YOUNG LADIES' UNDERWEAR. BOSTONIAN MANUFACTURING CO., LTD., Los Angeles, Calif.
Filed August 19, 1936. Serial No. 382,335. PUBLISHED OCTOBER 13, 1936. Class 39.

341,917. WASHING FLUID, BEING A LIQUID PREPARATION OR COMPOUND USED FOR WASHING AND CLEANING. DOMENICK SPADONI, doing business as White Wave Washing Fluid Company, Chicago, Ill.
Filed November 23, 1935. Serial No. 371,936. PUBLISHED OCTOBER 20, 1936. Class 4.

341,918. CHINA AND EARTHENWARE—NAMELY, COOKING AND TABLE DISHES AND HOLLOWWARE, CUSPIDORS, SLOP JARS, PITCHERS, CHAMBER POTS, SHIPPING AND STORAGE JARS AND JUGS, JARDINIÈRES, VASES, AND WASH-BOWLS. MINTONS, LIMITED, Stoke-upon-Trent, England.
Filed January 23, 1936. Serial No. 374,012. PUBLISHED OCTOBER 20, 1936. Class 30.

341,919. CHEMICALLY TREATED CLEANING CLOTH. DURKEE-ATWOOD COMPANY, Minneapolis, Minn.
Filed June 18, 1936. Serial No. 379,884. PUBLISHED OCTOBER 20, 1936. Class 4.

341,920. PACKING MATERIAL—NAMELY, NONMETALLIC PACKING FOR MACHINERY SHAFTING. ROTARY SEAL COMPANY, Chicago, Ill.
Filed May 28, 1936. Serial No. 379,018. PUBLISHED OCTOBER 20, 1936. Class 35.

941,921. CHAIRS. MAX SOLOMON, New York, N. Y.
Filed June 10, 1936. Serial No. 379,497. PUBLISHED OCTOBER 20, 1936. Class 32.

341,922. FOODS AND FOOD INGREDIENTS—NAMELY, CHOCOLATE MILK POWDER, VANILLA PUDDING, ALMOND PUDDING, LEMON PUDDING, RASPBERRY PUDDING, ETC. CARL ROSNER, East Woodbury, N. J.
Filed June 18, 1936. Serial No. 379,906. PUBLISHED OCTOBER 20, 1936. Class 46.

341,923. UMBRELLAS. ELMER KREIS & CO., Chicago, Ill.
Filed June 19, 1936. Serial No. 379,963. PUBLISHED OCTOBER 13, 1936. Class 41.

341,924. DENTURE MATERIAL FOR THE MANUFACTURE OF DENTAL PLATES. AL PICKANDS, Chicago, Ill.
Filed June 19, 1936. Serial No. 379,974. PUBLISHED OCTOBER 20, 1936. Class 44.

341,925. MEDICINES AND PHARMACEUTICAL PREPARATIONS FOR ANIMALS AND LIVE STOCK SPECIFICALLY LAXATIVES OR PURGATIVES FOR ANIMALS. FORT DODGE SERUM COMPANY, Fort Dodge, Iowa.
Filed June 22, 1936. Serial No. 380,048. PUBLISHED OCTOBER 20, 1936. Class 6.

341,926. PIECE GOODS—NAMELY, COTTON, RAYON, AND COTTON AND RAYON MIXTURE. GLOBE KNITTING WORKS, Grand Rapids, Mich.
Filed June 22, 1936. Serial No. 380,052. PUBLISHED OCTOBER 20, 1936. Class 42.

341,927. VEGETABLE CONCENTRATE—NAMELY, A PREPARATION FOR THE TREATMENT OF DIABETES MELLITUS. EMILE A. BERTUCCI, doing business as Cardellyn Laboratories, New Orleans, La.
Filed June 24, 1936. Serial No. 380,172. PUBLISHED OCTOBER 20, 1936. Class 6.

341,928. HAIR GROWER PREPARATION. POLLY H. JONES, Chicago, Ill.
Filed June 24, 1936. Serial No. 380,175. PUBLISHED OCTOBER 6, 1936. Class 6.

341,929. LIQUID POLISH FOR WHITE LEATHER. SNO-FLAKE PRODUCTS COMPANY, Detroit, Mich.
Filed June 26, 1936. Serial No. 380,314. PUBLISHED OCTOBER 13, 1936. Class 4.

341,930. DOMESTIC WASHING MACHINES. ELECTRIC HOUSEHOLD UTILITIES CORPORATION, Cicero, Ill.
Filed June 27, 1936. Serial No. 380,346. PUBLISHED OCTOBER 20, 1936. Class 24.

341,931. NONALCOHOLIC BEVERAGES SOLD AS SOFT DRINKS. WESCO FOODS COMPANY, Cincinnati, Ohio.
Filed August 29, 1936. Serial No. 382,734. PUBLISHED OCTOBER 20, 1936. Class 45.

341,932. WOVEN TEXTILE RUGS AND CARPETS. BIGELOW-SANFORD CARPET CO. INC., Thompsonville, Conn.
Filed August 31, 1936. Serial No. 382,746. PUBLISHED OCTOBER 20, 1936. Class 42.

341,933. CANNED FRUIT JUICES FOR USE IN MIXED DRINKS. SANTA BARBARA CITRUS JUICE CO., INC., Orange, Calif.
Filed August 31, 1936. Serial No. 382,769. PUBLISHED OCTOBER 20, 1936. Class 45.

341,934. RUBBER TOYS AND INFLATION BLADDERS FOR BALLS. RUBBER-GEL PRODUCTS CORPORATION, North Quincy, Mass.
Filed August 11, 1936. Serial No. 382,062. PUBLISHED OCTOBER 20, 1936. Class 22.

341,935. LADIES' AND MISSES' COATS, SUITS, AND DRESSES. YELLIN BROTHERS, New York, N. Y.
Filed August 11, 1936. Serial No. 382,071. PUBLISHED OCTOBER 20, 1936. Class 39.

341,936. TOOTHBRUSH. CLARENCE A. BORCHERT AND BLAIR N. PETERSON, Weston, W. Va.
Filed August 18, 1936. Serial No. 382,303. PUBLISHED OCTOBER 20, 1936. Class 29.

341,937. COTTON PIECE GOODS. JAMES DEWSBURY CHORLTON, doing business as Charles Openshaw & Sons, Manchester, England.
Filed August 18, 1936. Serial No. 382,304. PUBLISHED OCTOBER 20, 1936. Class 42.

341,938. DISPENSING TOOLS, SUCH AS SPOONS AND LADLES, PRIMARILY NOT OF PRECIOUS-METAL, ADAPTED FOR GATHERING, SEVERING, AND SERVING PORTIONS OF SOLID AND SEMI-SOLID EDIBLE MATERIALS. THE ZEROLL COMPANY, Toledo, Ohio.
Filed July 20, 1936. Serial No. 381,246. PUBLISHED OCTOBER 20, 1936. Class 23.

341,939. PERFUMES. LENTHERIC, INCORPORATED, New York, N. Y.
Filed August 13, 1935. Serial No. 368,261. PUBLISHED OCTOBER 6, 1936. Class 6.

341,940. UNDERWEAR, SLEEPING WEAR, AND PLAY WEAR—NAMELY, KNIT AND WOVEN PLAYSUITS, FOR INFANTS AND CHILDREN. MINNEAPOLIS KNITTING WORKS, Minneapolis, Minn.
Filed August 19, 1935. Serial No. 368,451. PUBLISHED OCTOBER 13, 1936. Class 39.

341,941. HAIR TREATING COMPOSITION. THE PAROBEK CO., INC., Harrisonburg, Va.
Filed September 3, 1935. Serial No. 368,948. PUBLISHED OCTOBER 13, 1936. Class 6.

341,942. MAGAZINE PUBLISHED EVERY MONTH. MODERN MECHANIX PUBLISHING CO., Minneapolis, Minn.
Filed September 4, 1935. Serial No. 368,999. PUBLISHED OCTOBER 20, 1936. Class 38.

341,943. SMOKING TOBACCO. THE BBB COMPANY, LIMITED, New York, N. Y., assignor to William Demuth & Company, New York, N. Y., a corporation of New York.
Filed September 10, 1935. Serial No. 369,147. PUBLISHED OCTOBER 20, 1936. Class 17.

341,944. MIXTURE IN PASTE FORM FOR USE IN THE PREPARATION OF SHERBETS. GOSNELL MANUFACTURING COMPANY, Minneapolis, Minn.
Filed September 11, 1935. Serial No. 369,188. PUBLISHED OCTOBER 20, 1936. Class 46.

341,945. POWDERED CLEANSER HAVING INCIDENTAL WATER SOFTENING PROPERTIES. GRAND UNION TEA COMPANY, New York, N. Y.
Filed September 16, 1935. Serial No. 369,358. PUBLISHED OCTOBER 20, 1936. Class 4.

341,946. CLEANSING CREAM, TISSUE CREAM, FACE LOTION, HAND LOTION, AFTER SHAVING LOTION, VANISHING CREAM, MUSCLE OIL, NAIL POLISH, TOOTH PASTE, AND LINIMENT FOR EXTERNAL USE. LOS ANGELES SOAP CO., Los Angeles, Calif.
Filed October 18, 1935. Serial No. 370,519. PUBLISHED OCTOBER 20, 1936. Class 6.

341,947. NERVE TONIC—NAMELY, A GENERAL TONIC. WILLIAM C. DOAN, doing business as Nerv-Worth Company, Zanesville, Ohio.
Filed August 19, 1936. Serial No. 382,348. PUBLISHED OCTOBER 20, 1936. Class 6.

341,948. HOSIERY FOR MEN, WOMEN, AND CHILDREN. FIRMA PAUL SCHÖNFELD, Chemnitz, Germany.
Filed August 19, 1936. Serial No. 382,349. PUBLISHED OCTOBER 13, 1936. Class 39.

341,949. WELDING ROD AND WELDNG WIRE. UNA WELDING, INC., Cleveland, Ohio.
Filed August 19, 1936. Serial No. 382,367. PUBLISHED OCTOBER 20, 1936. Class 14.

341,950. TITLE FOR A MAGAZINE ISSUED PERIODICALLY. UNITED FEATURE SYNDICATE, INC., New York, N. Y.
Filed August 19, 1936. Serial No. 382,368. PUBLISHED OCTOBER 20, 1936. Class 38.

341,951. CHEMICAL COMPOUND BEING IN THE NATURE OF A WATER-SOFTENING PRODUCT USED IN WASHING, DYEING, AND PRINTING OF TEXTILE FIBERS AND FABRICS. E. I. DU PONT DE NEMOURS AND COMPANY, Wilmington, Del.
Filed August 20, 1936. Serial No. 382,384. PUBLISHED OCTOBER 20, 1936. Class 6.

341,952. PAPER USED IN MAKING OUTDOOR SIGNS AND DISPLAY BANNERS. RIEGEL PAPER CORPORATION, Riegelsville, N. J., and New York, N. Y.
Filed August 20, 1936. Serial No. 382,394. PUBLISHED OCTOBER 20, 1936. Class 37.

341,953. TEA. LA TOURAINE COFFEE CO., Boston, Mass.
Filed August 19, 1936. Serial No. 382,409. PUBLISHED OCTOBER 20, 1936. Class 46.

341,954. LAUNDRY WASHING MACHINES. HOLLAND-RIEGER, INC., Sandusky, Ohio.
Filed August 21, 1936. Serial No. 382,430. PUBLISHED OCTOBER 20, 1936. Class 24.

341,955. ELECTRODE MATERIAL FOR WELDING AND DIES. ELECTROLOY COMPANY, INC., Plainfield, N. J., and New York, N. Y.
Filed August 22, 1936. Serial No. 382,468. PUBLISHED OCTOBER 20, 1936. Class 14.

341,956. PERIODICAL. PRODUCERS COMPANY, LTD., San Francisco, Calif.
Filed August 22, 1936. Serial No. 382,488. PUBLISHED OCTOBER 20, 1936. Class 38.

341,957. DEODORANTS, FACIAL CREAMS, AND LOTIONS. CHARLEMAGNE POWDER BAR, Omaha, Nebr.
Filed June 16, 1936. Serial No. 379,783. PUBLISHED OCTOBER 6, 1936. Class 6.

341,958. CHAIRS. MAX SOLOMON, New York, N. Y.
Filed June 10, 1936. Serial No. 379,498. PUBLISHED OCTOBER 20, 1936. Class 32.

341,959. INHALANT. EDWARD J. LASKY, doing business as Berkshire Chemists, Brooklyn, N. Y.
Filed June 10, 1936. Serial No. 379,525. PUBLISHED OCTOBER 6, 1936. Class 6.

341,960. APPARATUS CONSISTING OF APPROPRIATE FRAME WORK AND OPERABLE EXPOSING WINDOWS FOR USE BY SALESMEN OF LIFE INSURANCE AND SIMILAR SERVICES IN DEMONSTRATING ARGUMENT TO PROSPECTIVE PURCHASERS, AND CHARTS FOR USE THEREWITH. SCIENTIFIC SALES METHODS, INC., Dallas, Tex.
Filed July 16, 1936. Serial No. 381,088. PUBLISHED OCTOBER 20, 1936. Class 26.

341,961. CHEMICAL COMPOUNDS FOR WATERPROOFING AND INSULATING ANY TYPE OF ELECTRICAL SYSTEM OR THE LIKE ON AUTOMOBILES, BOATS, AIRPLANES, ELECTRIC MOTORS, AND BATTERY TERMINALS. ELECTRO SEAL PRODUCTS, Erie, Pa.
Filed July 18, 1936. Serial No. 381,152. PUBLISHED OCTOBER 13, 1936. Class 6.

341,962. POLISH AND SURFACE VITALIZER—NAMELY, A POLISH FOR FURNITURE, AUTOMOBILES, AND FLOORS, WHICH GIVES A DURABLE AND WATER-PROOF FILM TO THE SURFACE TO WHICH IT IS APPLIED. J. C. FULKERSON, Butler, Mo.
Filed July 18, 1936. Serial No. 381,158. PUBLISHED OCTOBER 20, 1936. Class 16.

341,963. WRAPPING PAPERS—NAMELY, WAXED PAPER. CAPITAL PAPER COMPANY, Indianapolis, Ind.
Filed July 20, 1936. Serial No. 381,188. PUBLISHED OCTOBER 20, 1936. Class 37.

341,964. LADIES' CLOAKS, SUITS, AND COATS. MONARCH GARMENT CO. INC., New York, N. Y.
Filed August 24, 1936. Serial No. 382,518. PUBLISHED OCTOBER 20, 1936. Class 39.

341,965. AIR HAMMERS. KENT-MOORE ORGANIZATION INC., Detroit, Mich.
Filed August 24, 1936. Serial No. 382,514. PUBLISHED OCTOBER 20, 1936. Class 23.

341,966. WOMEN'S AND MISSES' KNITTED BATHING SUITS, DRESSES, BLOUSES, AND SWEATERS. ARISTA KNITWEAR CO., New York, N. Y.
Filed August 24, 1936. Serial No. 382,504. PUBLISHED OCTOBER 20, 1936. Class 39.

341,967. VETERINARY PREPARATION TO STIMULATE, BRACE, AND PURIFY THE SKIN AND BODY; A PREPARATION IN THE FORM OF A LEG PAINT TO REDUCE INFLAMMATION IN JOINTS, ANKLES, AND KNEES; A DIURETIC MIXTURE; AND A COUGH MEDICINE. R. D. CONELEY, doing business as Man-O-War Remedy Co., Lima, Pa.
Filed August 13, 1936. Serial No. 382,116. PUBLISHED OCTOBER 20, 1936. Class 6.

341,968. PREPARATION FOR THE TREATMENT OF TEXTILE FIBRES, PARTICULARLY FOR IMPROVING AND PRESERVING THE SAME. AMERICAN TEXTILE ENGINEERING, INC., Kearny, N. J.
Filed August 13, 1936. Serial No. 382,110. PUBLISHED OCTOBER 13, 1936. Class 6.

341,969. PREPARATION FOR THE TREATMENT OF TEXTILE FIBRES, PARTICULARLY FOR IMPROVING AND PRESERVING THE SAME. AMERICAN TEXTILE ENGINEERING, INC., Kearny, N. J.
Filed August 13, 1936. Serial No. 382,109. PUBLISHED OCTOBER 13, 1936. Class 6.

341,970. ADHESIVE TAPE, GAUZE BANDAGE, ABSORBENT COTTON, FIRST-AID KITS, DENTAL FLOSS, MANICURE SETS, NAIL FILES, ETC. S. H. KRESS AND COMPANY, New York, N. Y.
Filed August 12, 1936. Serial No. 382,097. PUBLISHED OCTOBER 20, 1936. Class 44.

341,971. DENTAL CREAM. COLGATE-PALMOLIVE-PEET COMPANY, Jersey City, N. J.
Filed August 12, 1936. Serial No. 382,090. PUBLISHED OCTOBER 20, 1936. Class 6.

341,972. PERFUMERY, HAIR TONIC, FACE CREAM, FACE POWDER. BOOKER BROTHERS, MCCONNELL AND COMPANY, LIMITED, Demerara and Georgetown, Demerara, British Guiana.
Filed August 11, 1936. Serial No. 382,035. PUBLISHED OCTOBER 13, 1936. Class 6.

341,973. FOUNTAIN PENS. THE WASP PEN CO. INC., Fort Madison, Iowa.
Filed August 10, 1936. Serial No. 382,014. PUBLISHED OCTOBER 20, 1936. Class 37.

341,974. HOUSEHOLD BROOMS AND MOPS. LOCKHART MANUFACTURING COMPANY, Pittsburgh, Pa.
Filed August 25, 1936. Serial No. 382,562. PUBLISHED OCTOBER 20, 1936. Class 29.

341,975. HOUSEHOLD BROOMS AND MOPS. LOCKHART MANUFACTURING COMPANY, Pittsburgh, Pa.
Filed August 25, 1936. Serial No. 382,561. PUBLISHED OCTOBER 20, 1936. Class 29.

341,976. HOUSEHOLD BROOMS AND MOPS. LOCKHART MANUFACTURING COMPANY, Pittsburgh, Pa.
Filed August 25, 1936. Serial No. 382,560. PUBLISHED OCTOBER 20, 1936. Class 29.

341,977. ELECTRICAL WIRES, CABLES AND CONDUCTORS. GENERAL ELECTRIC COMPANY, Schenectady, N. Y.
Filed August 25, 1936. Serial No. 382,555. PUBLISHED OCTOBER 20, 1936. Class 21.

341,978. ELECTRICAL WIRES, CABLES, AND CONDUCTORS. GENERAL ELECTRIC COMPANY, Schenectady, N. Y.
Filed August 25, 1936. Serial No. 382,554. PUBLISHED OCTOBER 20, 1936. Class 21.

341,979. ELECTRICAL WIRES, CABLES, AND CONDUCTORS. GENERAL ELECTRIC COMPANY, Schenectady, N. Y.
Filed August 25, 1936. Serial No. 382,553. PUBLISHED OCTOBER 20, 1936. Class 21.

341,980. ELECTRIC BATTERIES. ELECTRIC PRODUCTS CORP., Anderson, Ind.
Filed August 25, 1936. Serial No. 382,551. PUBLISHED OCTOBER 20, 1936. Class 21.

341,981. TROUSERS. PHILADELPHIA UNIFORM CO., INC., Conshohocken, Pa.
Filed August 10, 1936. Serial No. 382,000. PUBLISHED OCTOBER 20, 1936. Class 39.

341,982. MEDICAL PREPARATION INTENDED AS A SURFACE DRESSING FOR CUTS, BRUISES, BURNS, IRRITABLE SKIN AND SCALP. NEODERM COMPANY, Los Angeles, Calif.
Filed August 11, 1936. Serial No. 382,059. PUBLISHED OCTOBER 13, 1936. Class 6.

341,983. DYES. PHARMA CHEMICAL CORPORATION, New York, N. Y., and Bayonne, N. J.
Filed August 11, 1936. Serial No. 382,060. PUBLISHED OCTOBER 13, 1936. Class 6.

341,984. CLEANING PREPARATION FOR GENERAL HOUSEHOLD USE, PARTICULARLY FOR CLEANING WALLS, FLOORS, LINOLEUM, GLASSWARE, AND THE LIKE. EDWARD J. BRUSS, doing business as The No-Trik Company, West Allis, Wis.
Filed August 15, 1936. Serial No. 382,201. PUBLISHED OCTOBER 20, 1936. Class 4.

341,985. YARNS OF WOOL, WORSTED, OR HAIR. PATONS & BALDWINS, LIMITED, Halifax, England.
Filed August 15, 1936. Serial No. 382,231. PUBLISHED OCTOBER 13, 1936. Class 43.

341,986. FUR APPAREL FOR WOMEN—NAMELY, FUR COATS, FUR HATS, FUR GLOVES. WEILL & HARTMANN, New York, N. Y.
Filed August 15, 1936. Serial No. 382,253. PUBLISHED OCTOBER 20, 1936. Class 39.

341,987. ARTIFICIAL TEETH CLEANER. HARRY M. FOLSOM, JR., doing business as Melt-Auf Company, San Diego, Calif.
Filed August 17, 1936. Serial No. 382,266. PUBLISHED OCTOBER 13, 1936. Class 4.

341,988. UMBRELLAS. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed August 17, 1936. Serial No. 382,290. PUBLISHED OCTOBER 13, 1936. Class 41.

341,989. ANALGESIC ANTISEPTIC COMPOUND FOR EXTERNAL TREATMENT OF SKIN INFECTIONS AND EFFECTIVE IN TREATING RINGWORM OR ATHLETE'S FOOT, ETC. WILLIAM SLIFKIN, doing business as The Devon Laboratories, Bloomfield, N. J.
Filed August 25, 1936. Serial No. 382,572. PUBLISHED OCTOBER 20, 1936. Class 6.

341,990. HACK SAW BLADES. THE HENRY G. THOMPSON & SON COMPANY, New Haven, Conn.
Filed August 25, 1936. Serial No. 382,581. PUBLISHED OCTOBER 20, 1936. Class 23.

341,991. THREAD AND YARN OF ARTIFICIAL ORIGIN. AMERICAN BEMBERG CORPORATION, New York, N. Y.
Filed August 26, 1936. Serial No. 382,582. PUBLISHED OCTOBER 20, 1936. Class 43.

341,992. PREPARATION FOR THE TREATMENT OF ATHLETE'S FOOT, RING WORM, AND OTHER SKIN AILMENTS. THE COLLOIDAL SULPHUR CO., Chicago, Ill.
Filed August 26, 1936. Serial No. 382,590. PUBLISHED OCTOBER 20, 1936. Class 6.

341,993. AUTOMOBILE BODY POLISH. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio.
Filed August 26, 1936. Serial No. 382,592. PUBLISHED OCTOBER 20, 1936. Class 16.

341,994. SHAMPOO. HUNTINGTON LABORATORIES, INC., Huntington, Ind.
Filed August 26, 1936. Serial No. 382,594. PUBLISHED OCTOBER 20, 1936. Class 6.

341,995. WATCHES. R. H. MACY & CO., INC., New York, N. Y.
Filed August 26, 1936. Serial No. 382,599. PUBLISHED OCTOBER 20, 1936. Class 27.

341,996. MOTH PREVENTATIVES. STANDARD NAPHTHALENE PRODUCTS CORPORATION, Kearney, N. J.
Filed August 26, 1936. Serial No. 382,607. PUBLISHED OCTOBER 20, 1936. Class 6.

341,997. WATER PAINT. STANDEX CORPORATION, Los Angeles, Calif.
Filed August 26, 1936. Serial No. 382,608. PUBLISHED OCTOBER 20, 1936. Class 16.

341,998. GAME BALLS AND CASINGS THEREFOR. GREAT WESTERN ATHLETIC GOODS CO., Chicago, Ill.
Filed August 27, 1936. Serial No. 382,628. PUBLISHED OCTOBER 20, 1936. Class 22.

341,999. HOSIERY. J. B. IVEY & CO., Charlotte, N. C.
Filed September 2, 1936. Serial No. 382,831. PUBLISHED OCTOBER 20, 1936. Class 39.

342,000. LINOLEUM AND SIMILAR HARD SURFACED FLOOR COVERINGS. ARMSTRONG CORK PRODUCTS COMPANY, Lancaster, Pa.
Filed September 3, 1936. Serial No. 382,856. PUBLISHED OCTOBER 20, 1936. Class 20.

342,001. HOSIERY. JAMES MCCREERY & COMPANY, New York, N. Y.
Filed September 3, 1936. Serial No. 382,877. PUBLISHED OCTOBER 20, 1936. Class 39.

342,002. HOSIERY. SCHEER ROSENTHAL CO. INC., New York, N. Y.
Filed September 3, 1936. Serial No. 382,891. PUBLISHED OCTOBER 20, 1936. Class 39.

342,003. WHISKEY. JAMES CLARK DISTILLING CORPORATION, Jersey City, N. J.
Filed September 5, 1936. Serial No. 382,943. PUBLISHED OCTOBER 20, 1936. Class 49.

342,004. UMBRELLAS. HAAS-JORDAN COMPANY, Toledo, Ohio.
Filed September 8, 1936. Serial No. 383,014. PUBLISHED OCTOBER 20, 1936. Class 41.

342,005. WHISKEY, GIN, RUM, BRANDY, AND ALCOHOLIC CORDIALS. LYNNDALE DISTILLERY CO., Louisville, Ky.
Filed September 11, 1936. Serial No. 383,135. PUBLISHED OCTOBER 20, 1936. Class 49.

342,006. VACUUM INDUCING THERAPEUTIC APPARATUS. THE CROSLEY RADIO CORPORATION, Cincinnati, Ohio.
Filed September 14, 1936. Serial No. 383,207. PUBLISHED OCTOBER 20, 1936. Class 44.

342,007. WHISKEYS, BRANDIES, GINS, AND CORDIALS. JACOB S. POLEFSKY, doing business as Continental Pure Products Co., Jersey City, N. J.
Filed September 14, 1936. Serial No. 383,223. PUBLISHED OCTOBER 20, 1936. Class 49.

342,008. MATERNITY DRESSES. JOSEPHINE F. CREED, doing business as Miss Creed, Boston, Mass.
Filed August 11, 1936. Serial No. 382,045. PUBLISHED OCTOBER 20, 1936. Class 39.

342,009. CLEANING POWDER AND DRY CLEANING LIQUID. ROBERT T. GARDNER, doing business as Gardner Company, Germantown, Philadelphia, Pa.
Filed August 11, 1936. Serial No. 382,052. PUBLISHED OCTOBER 13, 1936. Class 4.

342,010. DISINFECTANTS, DEODORANTS, AND GERMICIDES BOTH IN LIQUID AND CAKE FORM. H. W. HOFFMAN, doing business as Bomex Products Company, Buffalo, N. Y.
Filed August 13, 1936. Serial No. 382,120. PUBLISHED OCTOBER 20, 1936. Class 6.

342,011. PERFUME, TOILET WATER, SKIN LOTION, EAU VEGETALE, FACE POWDER, SACHETS, DUSTING POWDER, TALCUM POWDER, COMPACT POWDER, COMPACT ROUGE, BATH SALTS, AND BRILLIANTINE. HOUBIGANT, INC., New York, N. Y.
Filed August 13, 1936. Serial No. 382,121. PUBLISHED OCTOBER 20, 1936. Class 6.

342,012. PERFUME, TOILET WATER, SKIN LOTION, EAU VEGETALE, FACE POWDER, SACHETS, DUSTING POWDER, TALCUM POWDER, COMPACT POWDER, COMPACT ROUGE, BATH SALTS, AND BRILLIANTINE. HOUBIOANT, INC., New York, N. Y.
Filed August 13, 1936. Serial No. 382,122. PUBLISHED OCTOBER 20, 1936. Class 6.

342,013. AUTOMOBILES AND STRUCTURAL PARTS THEREOF. REO MOTOR CAR COMPANY, Lansing, Mich.
Filed August 13, 1936. Serial No. 382,138. PUBLISHED OCTOBER 20, 1936. Class 19.

342,014. MOTHPROOFING COMPOUND IN LIQUID FORM. MOTH-O-RIZE CO., INC., Chicago, Ill.
Filed August 14, 1936. Serial No. 382,161. PUBLISHED OCTOBER 13, 1936. Class 6.

342,015. CARD GAME. PARKER BROTHERS, INC., Portland, Maine, and Salem, Mass.
Filed August 27, 1936. Serial No. 382,634. PUBLISHED OCTOBER 20, 1936. Class 22.

342,016. WOOLEN PIECE GOODS. FORSTMANN WOOLEN CO., Passaic, N. J.
Filed August 28, 1936. Serial No. 382,662. PUBLISHED OCTOBER 20, 1936. Class 42.

342,017. ORANGE JUICE BEVERAGE. NEDICK'S STORES, INC., New York, N. Y.
Filed August 28, 1936. Serial No. 382,669. PUBLISHED OCTOBER 20, 1936. Class 45.

342,018. ORANGE JUICE BEVERAGE. NEDICK'S STORES, INC., New York, N. Y.
Filed August 28, 1936. Serial No. 382,670. PUBLISHED OCTOBER 20, 1936. Class 45.

342,019. ELECTRICAL INSULATING MATERIAL—NAMELY, ELECTRICAL COIL COVERING MATERIAL. WESTERN ELECTRIC COMPANY, INCORPORATED, New York, N. Y.
Filed August 28, 1936. Serial No. 382,689. PUBLISHED OCTOBER 20, 1936. Class 21.

342,020. ELECTRIC FANS. AIR DEVICES CORPORATION, Chicago, Ill.
Filed August 29, 1936. Serial No. 382,703. PUBLISHED OCTOBER 20, 1936. Class 21.

342,021. COIN CONTROLLED AMUSEMENT APPARATUS. EXHIBIT SUPPLY COMPANY, Chicago, Ill.
Filed August 29, 1936. Serial No. 382,714. PUBLISHED OCTOBER 20, 1936. Class 22.

342,022. BOAT SHAFTING. THE AMERICAN BRASS COMPANY, Waterbury, Conn.
Filed July 30, 1936. Serial No. 381,601. PUBLISHED OCTOBER 20, 1936. Class 23.

342,023. WASHING POWDER. RIDDIFORD BROS., INC., Chicago, Ill.
Filed July 30, 1936. Serial No. 381,639. PUBLISHED OCTOBER 13, 1936. Class 4.

342,024. LACE AND NET IN THE PIECE. D. STRAUSS CO., INC., New York, N. Y.
Filed July 30, 1936. Serial No. 381,644. PUBLISHED OCTOBER 20, 1936. Class 42.

342,025. ETHYL ALCOHOL. ALLIED INDUSTRIAL ALCOHOL CORPORATION, New York, N. Y.
Filed August 1, 1936. Serial No. 381,699. PUBLISHED OCTOBER 20, 1936. Class 49.

342,026. FLEA AND LICE POWDER FOR DOGS, CATS, FOXES, AND OTHER ANIMALS. ROTENONE CHEMICAL COMPANY, INC., doing business as Stewart and Company, Los Angeles, Calif.
Filed August 1, 1936. Serial No. 381,728. PUBLISHED OCTOBER 20, 1936. Class 6.

342,027. ELECTRIC ATTACHMENT PLUGS. EAGLE ELECTRIC MFG. CO. INC., Brooklyn, N. Y.
Filed August 3, 1936. Serial No. 381,758. PUBLISHED OCTOBER 20, 1936. Class 21.

342,028. BUTTER, EGGS, MAYONNAISE, SALAD DRESSING, CREAM CHEESE, ROQUEFORT CREAM CHEESE SPREAD, RELISH CREAM CHEESE SPREAD, AMERICAN CREAM CHEESE SPREAD, LIMBURGER CREAM CHEESE SPREAD, PIMENTO CREAM CHEESE SPREAD, AND PINEAPPLE CREAM CHEESE SPREAD. JUNE DAIRY PRODUCTS CO. INC., Newark, N. J.
Filed August 4, 1936. Serial No. 381,813. PUBLISHED OCTOBER 20, 1936. Class 46.

342,029. HOSIERY. HERMAN MANTELL, New York, N. Y.
Filed August 4, 1936. Serial No. 381,815. PUBLISHED OCTOBER 13, 1936. Class 39.

342,030. WOMEN'S AND GIRLS' SLIPS. M. C. SCHRANK COMPANY, Bridgeton, N. J.
Filed August 4, 1936. Serial No. 381,822. PUBLISHED OCTOBER 13, 1936. Class 39.

342,031. CARACUL FUR COATS. SAMUEL A. OLIVE, INC., New York, N. Y.
Filed August 4, 1936. Serial No. 381,831. PUBLISHED OCTOBER 20, 1936. Class 39.

342,032. HAND SOAP. LOUIS NEKRITZ, doing business as The Perfect Polish Co., Brooklyn, N. Y.
Filed August 6, 1936. Serial No. 381,873. PUBLISHED OCTOBER 13, 1936. Class 4.

342,033. STOMACH TABLETS AND RHEUMATISM PREPARATION. GORDON S. BREWERTON, Salt Lake City, Utah.
Filed February 14, 1936. Serial No. 374,814. PUBLISHED OCTOBER 13, 1936. Class 6.

342,034. BUTTER WAFERS. THE LAUREL BISCUIT CO., Dayton, Ohio.
Filed February 19, 1936. Serial No. 375,017. PUBLISHED OCTOBER 20, 1936. Class 46.

342,035. MAGAZINE. TURF PUBLICATIONS, INC., Chicago, Ill.
Filed March 20, 1936. Serial No. 376,232. PUBLISHED MAY 26, 1936. Class 38.

342,036. RELIGIOUS WORKS OF ART—NAMELY, STATUES OF PERSONS, FIGURES, AND CHARACTERS PROMINENT IN THE HISTORY OF THE CHRISTIAN CHURCH, ETC. "ARS LITURGICA" SPENGLER & CO., Maria Laach, Germany.
Filed April 1, 1936. Serial No. 376,658. PUBLISHED OCTOBER 20, 1936. Class 50.

342,037. WELDING PREPARATION IN THE NATURE OF AN ADHESIVE CEMENT FOR WELDING EYE GLASS FRAMES, FILMS, AND THE LIKE. ELBA L. LEONARD, Livermore, Calif.
Filed April 8, 1936. Serial No. 376,954. PUBLISHED OCTOBER 20, 1936. Class 5.

342,038. PEPPERMINT OIL, MENTHOL, INSECTIFUGE, AND INSECTICIDE MADE OF VERMIFUGECHRYSANTHEMUM OR PYRETHRUM. HOSHO-SEKININ HOKKAIDO SHINYO-KOBAI-HANBAI-KUMIAI RENGOKAI, Sapporo, Japan.
Filed April 15, 1936. Serial No. 377,224. PUBLISHED OCTOBER 13, 1936. Class 6.

342,039. TROUSERS, OVERALLS, WORKSHIRTS, WINDBREAKERS, AND TOPCOATS LINED WITH SHEEPSKIN. IRENE BOSHNACK, Brooklyn, N. Y.
Filed April 21, 1936. Serial No. 377,452. PUBLISHED SEPTEMBER 8, 1936. Class 39.

342,040. EMULSION OF COD-LIVER OIL. SCOTT & BOWNE, Bloomfield, N. J.
Filed April 21, 1936. Serial No. 377,479. PUBLISHED OCTOBER 6, 1936. Class 6.

342,041. SALTED, ROASTED, CANDIED, AND RAW NUTS OF ALL KINDS. FRED H. BARKER, doing business as Barker Products Co., Long Beach, Calif.
Filed April 27, 1936. Serial No. 377,661. PUBLISHED SEPTEMBER 15, 1936. Class 46.

342,042. SOAPS. E. DALTROFF & CIE, doing business as PARFUMERIE CARON, Paris, France.
Filed April 29, 1936. Serial No. 377,777. PUBLISHED OCTOBER 13, 1936. Class 4.

342,043. VARNISHES THE PROGRESSIVE VARNISH WORKS, Los Angeles, Calif.
Filed May 4, 1936. Serial No. 378,000. PUBLISHED OCTOBER 20, 1936. Class 16.

342,044. VARNISHES. THE PROGRESSIVE VARNISH WORKS, Los Angeles, Calif.
Filed May 4, 1936. Serial No. 378,002. PUBLISHED OCTOBER 20, 1936. Class 16.

342,045. DOLLS. EUGENE GOLDBERGER, New York, N. Y.
Filed May 15, 1936. Serial No. 378,485. PUBLISHED OCTOBER 20, 1936. Class 22.

342,046. FEATURE COLUMN FOR NEWSPAPERS. RUDOLPH M. RICHTER, Los Angeles, Calif.
Filed May 15, 1936. Serial No. 378,499. PUBLISHED OCTOBER 20, 1936. Class 38.

342,047. OILS TO BE APPLIED TO THE SKIN PARTICULARLY OF INFANTS, AS A SKIN SOFTENER AND PRESERVATIVE. ROCK-A-BYE COMPANY, New York, N. Y.
Filed May 21, 1936. Serial No. 378,712. PUBLISHED OCTOBER 20, 1936. Class 6.

342,048. CLEANSING CREAM FOR OILY SKIN, CLEANSING CREAM FOR DRY SKIN, ORANGE FLOWER SKIN TONIC, TONIC-ASTRINGENT, STIMULATING CREAM, REJUVENATING CREAM, TISSUE CREAM, FOUNDATION CREAM, FACE POWDER, CREME ROUGE, LIPSTICK, EYE SHADOW, AND MASCARA. BLAIR SALES COMPANY, INC., Washington, D. C.
Filed May 22, 1936. Serial No. 378,733. PUBLISHED OCTOBER 6, 1936. Class 6.

342,049. ALL MANNER AND KINDS OF HOSIERY. ATLAS SILK HOSIERY COMPANY, Paterson, N. J., and New York, N. Y.
Filed May 28, 1936. Serial No. 378,972. PUBLISHED OCTOBER 13, 1936. Class 39.

342,050. CHILI CON CARNE IN BULK AND CANNED, DRIED BEANS IN BULK, AND SPICE POWDERS. OLE'S CHILI PRODUCTS, Chicago, Ill.
Filed June 15, 1936. Serial No. 379,760. PUBLISHED OCTOBER 20, 1936. Class 46.

342,051. WALL PAPER CLEANER. KUTOL PRODUCTS COMPANY, INC., Cincinnati, Ohio.
Filed July 3, 1936. Serial No. 380,573. PUBLISHED OCTOBER 20, 1936. Class 4.

342,052. MOTOR VEHICLES—NAMELY, BUSSES AND TRUCKS. EVANS PRODUCTS COMPANY, Detroit, Mich.
Filed June 8, 1936. Serial No. 379,421. PUBLISHED OCTOBER 20, 1936. Class 19.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

342,053. (CLASS 37. PAPER AND STATIONERY.) R. B. MARTIN, INC., New York, N. Y. Filed Oct. 27, 1936. Serial No. 384,856.

Chelsea

For Toilet Paper, Paper Napkins, and Cleansing Tissue.
Claims use since Oct. 1, 1935.

342,054. (CLASS 37. PAPER AND STATIONERY.) THE FREDERICK POST COMPANY, Chicago, Ill. Filed Oct. 23, 1936. Serial No. 384,714.

BLACLINE

For Sensitized Paper for Light-Printing and Development to Produce a Black Line.
Claims use since July 8, 1935.

342,055. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) JAS. BARCLAY & CO. LIMITED, Detroit, Mich. Filed Oct. 22, 1936. Serial No. 384,644.

Barclay's

For Whiskey and Gin.
Claims use since Jan. 11, 1934.

342,056. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) SILENT HOIST WINCH AND CRANE CO., Brooklyn, N. Y. Filed Sept. 25, 1936. Serial No. 383,652.

KRANE KAR

For Portable Hoists or Cranes.
Claims use since June 17, 1933.

342,057. (CLASS 37. PAPER AND STATIONERY.) WYOMISSING GLAZED PAPER COMPANY, West Reading, Pa. Filed Sept. 23, 1936. Serial No. 383,561.

WYOMISSING
GLAZED PAPER COMPANY

For Non-Curling Flint Glazed Papers, Fast-to-Light Non-Curling Flint Glazed Papers, Duplex Papers, Mat Papers (Suede) (Kid Finish), Metallic Papers, Jaspe Papers, Plate Papers, Friction Glazed Papers, Top Sized Waterproof Papers, Semi-Waterproof Papers, Mica Papers, and Embossed Papers.
Claims use since July 2, 1917.

342,058. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE S. E. HYMAN COMPANY, Fremont, Ohio. Filed Sept. 5, 1936. Serial No. 382,952.

KOOL FIBRE

For Covers for Automobile Cushions, Seats, and Seat Backs.
Claims use since 1932.

342,059. (CLASS 2. RECEPTACLES.) ALEXANDER L. LACKNER, Whitestone, N. Y. Filed Aug. 26, 1936. Serial No. 382,597.

ROLLEDGE CUP

For Soufflé Cups and Paper Drinking Cups.
Claims use since Nov. 14, 1935.

342,060. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) WILCOX-RICH CORPORATION, Detroit, Mich. Filed Aug. 7, 1936. Serial No. 381,927.

Zero-Lash

For Mechanical Parts for Use in Connection with Valve Operated Mechanism of Internal Combustion Engines—Namely, Tappets, Rocker Arms, Valve Lifters, and Valve Mechanisms.
Claims use since May, 1934.

342,061. (CLASS 32. FURNITURE AND UPHOLSTERY.) THE EVEREDY COMPANY, Frederick, Md. Filed June 22, 1936. Serial No. 380,045.

ESQUIRE

For Necktie Racks Constructed from Metal with Chromium Plating Thereon.
Claims use since Aug. 30, 1935.

342,062. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) BENTLEY MOTORS (1931) LIMITED, London, England. Filed June 2, 1936. Serial No. 379,178.

BENTLEY

For Automobile and Structural Parts Thereof.
Claims use since 1919.

342,063. (CLASS 27. HOROLOGICAL INSTRUMENTS.) THE GRUEN WATCH COMPANY, Cincinnati, Ohio. Filed Jan. 25, 1936. Serial No. 374,082.

WRISTFORM

For Watch Cases, Watches, and Watch Movements.
Claims use since Nov. 15, 1935.

342,064. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) H. O. TRERICE, doing business as H. O. Trerice Co., Detroit, Mich. Filed Nov. 14, 1935. Serial No. 371,564.

TRERICE

For Scientific Instruments and Control Devices—Namely, Thermometers of All Types, Hygrometers, Sling Psychrometers, Gauges, Laboratory Thermometer Protecting Armors, Laboratory Thermometer Carrying Cases, Machined Test Wells, Temperature Pressure Recorders, Recording Hygrometers, Recorder Charts, Chart Files, Pressure Recorders, Vacuum Recorders, Vacuum Pressure Recorders, Air Operated Temperature Controllers, and Air Operated Fluid Pressure Controllers.
Claims use since Feb. 18, 1927.

342,065. (CLASS 37. PAPER AND STATIONERY.) INTERNATIONAL CELLUCOTTON PRODUCTS COMPANY, Chicago, Ill. Filed Nov. 13, 1935. Serial No. 371,496.

Dorchester

For Absorbent Face Cleansing Sheets, Made of Paper.
Claims use since Oct. 29, 1935.

342,066. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PACIFIC FRUIT & PRODUCE COMPANY, doing business as General Fruit Corporation, Seattle, Wash. Filed Nov. 11, 1935. Serial No. 371,443.

DittO

For Canned Vegetables and Canned Fruits.
Claims use since Sept. 27, 1935.

342,067. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) JAMES R. KEARNEY CORPORATION, St. Louis, Mo. Filed Nov. 4, 1935. Serial No. 371,162.

GROUND CLAMP-TITE

For Electrical Grounding Clamps.
Claims use since Oct. 9, 1935.

342,068. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) WESTMINSTER TIRE CORPORATION, New York, N. Y. Filed Mar. 13, 1935. Serial No. 362,500.

WESTMINSTER

For Rubber Tires and Inner Tubes Therefor.
Claims use since May 8, 1930.

342,069. (CLASS 37. PAPER AND STATIONERY.) FRASER PAPER, LIMITED, Plaster Rock, New Brunswick, Canada, and Madawaska, Maine. Filed Aug. 19, 1932. Serial No. 329,676.

Fraser Bond

For Printing and Writing Paper.
Claims use since Sept. 30, 1930.

TRADE-MARK REGISTRATIONS RENEWED

111,023. A REMEDY FOR NASAL CATARRH, COLD IN THE HEAD, AND HAY-FEVER. Registered June 20, 1916. THE REMILLER CO., New York, N. Y. Renewed June 20, 1936, to United Drug Company, Boston, Mass., a corporation of Delaware, successor.

112,780. ABDOMINAL BELTS MADE OF RUBBER CLOTH, AND COMBINATIONS OF RUBBER AND CLOTH. Registered September 26, 1916. KOPS BROS. Renewed September 26, 1936, to Kops Brothers, Inc., New York, N. Y., a corporation of New York, assignee.

113,652. PIANOS. Registered October 24, 1916. STRICH & ZEIDLER, INC., New York, N. Y., a corporation of New York. Renewed October 24, 1936.

113,900. BEER. Registered November 7, 1916. NORTH AMERICAN BREWING COMPANY, New York and Brooklyn, N. Y. Renewed November 7, 1936, to Blatz Brewing Company, Milwaukee, Wis., a corporation of Wisconsin, assignee.

113,980. CANNED VEGETABLES. Registered November 14, 1916. INDERRIEDEN CANNING CO. Renewed November 14, 1936, to The J. B. Inderrieden Co., Chicago, Ill., a corporation of Illinois, assignee.

114,125. PAPER TOWELS OR PAPER SUITABLE FOR USE AS TOWELS. Registered November 28, 1916. WEST DISINFECTING COMPANY, New York, N. Y. Renewed November 28, 1936, to West Disinfecting Company, Long Island City, N. Y., a corporation of New York.

114,126. PAPER TOWELS OR PAPER SUITABLE FOR USE AS TOWELS. Registered November 28, 1916. WEST DISINFECTING COMPANY, New York, N. Y. Renewed November 28, 1936, to West Disinfecting Company, Long Island City, N. Y., a corporation of New York.

114,143. WHEAT-FLOUR. Registered December 5, 1916. CANADIAN MILL & ELEVATOR COMPANY, El Reno, Okla., a corporation of Oklahoma. Renewed December 5, 1936.

114,236. SOFT DRINKS OR BEVERAGES CONTAINING EXTRACTS OF ROOTS AND SYRUPS THEREFOR. Registered December 5, 1916. Frank C. Goodale, Lowell, Mass. Renewed December 5, 1936, to Albert L. Emery, Chelmsford, Mass., assignee.

114,270. INSULATED WIRE AND CABLES. Registered December 5, 1916. THE OKONITE COMPANY, New York, N. Y. Renewed December 5, 1936, to The Okonite Company, Passaic, N. J., a corporation of New Jersey.

114,271. INSULATED WIRE AND CABLES. Registered December 5, 1916. THE OKONITE COMPANY, New York, N. Y. Renewed December 5, 1936, to The Okonite Company, Passaic, N. J., a corporation of New Jersey.

114,308. WRITING-PAPER. Registered December 5, 1916. BYRON WESTON COMPANY, Dalton, Mass., a corporation of Massachusetts. Renewed December 5, 1936.

114,310. WRITING-PAPER. Registered December 5, 1916. BYRON WESTON COMPANY, Dalton, Mass., a corporation of Massachusetts. Renewed December 5, 1936.

114,395. WHEAT-FLOUR. Registered December 12, 1916. SYLVESTER STEWART. Renewed December 12, 1936, to Mott Mill & Elevator Company, Mott, N. Dak., a corporation of North Dakota, successor.

114,439. PAPER BAGS. Registered December 19, 1916. CROWN WILLAMETTE PAPER CO. Renewed December 19, 1936, to Blake, Moffitt & Towne, San Francisco, Calif., a corporation of California, assignee, by mesne assignments.

114,698. WHEAT-FLOUR. Registered January 2, 1917. CANADIAN MILL & ELEVATOR COMPANY, El Reno, Okla., a corporation of Oklahoma. Renewed January 2, 1937.

114,726. THREADS AND YARNS MADE OF COTTON, SILK, LINEN, JUTE, AND RAMIE. Registered January 2, 1917. DOLLFUS-MIEG & CIE. SOCIÉTÉ ANONYME, Mulhouse, Germany. Renewed January 2, 1937, to Dollfus-Mieg & Cie. Societe Anonyme, Mulhouse (Haut-Rhin), France, a corporation of Germany, now of France.

114,841. FEATHER PILLOWS. Registered January 2, 1917. STAR BEDDING CO. Renewed January 2, 1937, to Star Bedding Company, St. Louis, Mo., a corporation of Missouri, assignee.

114,848. RUBBER, LEATHER, AND FABRIC BOOTS AND SHOES. Registered January 2, 1917. UNITED STATES RUBBER COMPANY, New Brunswick, N. J., and New York, N. Y. Renewed January 2, 1937, to United States Rubber Company, New York, N. Y., a corporation of New Jersey.

114,852. SMOKED MEATS, DRIED SALT MEATS, AND LARD. Registered January 2, 1917. WILSON PROVISION COMPANY, Peoria, Ill. Renewed January 2, 1937, to Armour and Company, Chicago, Ill., a corporation of Illinois, assignee.

114,858. INSULATED WIRE. Registered January 9, 1917. ATLANTIC INSULATED WIRE & CABLE COMPANY, Jersey City, N. J., and Stamford, Conn. Renewed January 9, 1937, to General Cable Corporation, New York, N. Y., a corporation of New Jersey, assignee by mesne assignments.

115,043. ILLUMINATING, HEATING, AND LUBRICATING OILS AND GREASES. Registered January 16, 1917. VACUUM OIL COMPANY, Rochester, N. Y. Renewed January 16, 1937, to Socony-Vacuum Oil Company Incorporated, New York, N. Y., a corporation of New York, assignee.

115,054. BACON AND HAMS. Registered January 23, 1917. ARMOUR AND COMPANY, Chicago, Ill., a corporation of Illinois. Renewed January 23, 1937.

115,090. WATERPROOF GARMENTS—NAMELY, SLICKERS, OIL-CLOTH COATS, AND HATS. Registered January 23, 1917. GEORGE A. JOHNSON, JR., Seattle, Wash. Renewed January 23, 1937, to Herbert A. Greene, Germantown, Philadelphia, Pa., assignee.

115,108. CERTAIN NAMED BRUSHES. Registered January 23, 1917. RENNOUS, KLEINLE & COMPANY OF BALTIMORE CITY, Baltimore, Md. Renewed January 23, 1937, to Pittsburgh Plate Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania, assignee.

115,109. CERTAIN NAMED BRUSHES. Registered January 23, 1917. RENNOUS, KLEINLE & COMPANY OF BALTIMORE CITY, Baltimore, Md. Renewed January 23, 1937, to Pittsburgh Plate Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania, assignee.

115,110. FRUIT SYRUPS FOR CERTAIN NAMED PURPOSES. Registered January 23, 1917. RICHARDSON CORPORATION, Rochester, N. Y., a corporation of New York. Renewed January 23, 1937.

115,126. SAFETY-PINS. Registered January 23, 1917. WALDES & COMPANY, New York, N. Y. Renewed January 23, 1937, to Waldes Koh-I-Noor, Inc., Long Island City, N. Y., a corporation of New York, assignee by mesne assignments.

115,130. DISINFECTANTS AND INSECTICIDES. Registered January 23, 1917. WEST DISINFECTING COMPANY, New York, N. Y. Renewed January 23, 1937, to West Disinfecting Company, Long Island City, N. Y., a corporation of New York.

115,165. HAMS. Registered January 30, 1917. JACOB E. DECKER & SONS, Mason City, Iowa. Renewed January 30, 1937, to Armour and Company, Chicago, Ill., a corporation of Illinois, assignee.

115,222. COFFEE. Registered January 30, 1917. S. S. PIERCE CO., Boston, Mass., a corporation of Massachusetts. Renewed January 30, 1937.

115,296. CANDY. Registered February 6, 1917. BUNTE BROTHERS, Chicago, Ill., a corporation of Illinois. Renewed February 6, 1937.

115,353. READY-MIXED PAINT. Registered February 6, 1917. W. W. LAWRENCE & COMPANY, Pittsburgh, Pa., a corporation of Pennsylvania. Renewed February 6, 1937.

115,408. SALAD-DRESSING, PEANUT-BUTTER, MUSTARD, PEPPER SAUCE, AND VINEGAR. Registered February 6, 1917. SQUIRE DINGEE COMPANY, Chicago, Ill., a corporation of Illinois. Renewed February 6, 1937.

115,469. SNAP-FASTENERS OF ALL KINDS. Registered February 13, 1917. WALDES & CO., Prague-Wrschowitz, Austria-Hungary. Renewed February 13, 1937, to Waldes Koh-I-Noor, Inc., Long Island City, N. Y., a corporation of New York, assignee by mesne assignments.

115,474. A CORK COMPOSITION FOR GASKETS AND WASHERS. Registered February 20, 1917. ARMSTRONG CORK COMPANY, Pittsburgh, Pa. Renewed February 20, 1937, to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania.

115,507. SHOE-LEATHER SUBSTITUTE. Registered February 20, 1917. THE GOODYEAR'S METALLIC RUBBER SHOE CO., Naugatuck, Conn. Renewed February 20, 1937, to United States Rubber Company, New York, N. Y., a corporation of New Jersey, assignee.

115,558. APPARATUS AND MACHINERY USED IN CONNECTION WITH RAILWAY SIGNALING AND INTERLOCKING SYSTEMS. Registered February 20, 1917. THE UNION SWITCH & SIGNAL COMPANY, Swissvale, Pa., a corporation of Pennsylvania. Renewed February 20, 1937.

115,617. BATTERY-JARS. Registered February 27, 1917. INDIA RUBBER COMPANY, New Brunswick, N. J., and New York, N. Y. Renewed February 27, 1937, to United States Rubber Company, New York, N. Y., a corporation of New Jersey, assignee.

115,718. HARD-RUBBER COMPOUND FOR ELECTRICAL PURPOSES. Registered March 6, 1917. AMERICAN HARD RUBBER COMPANY, New York, N. Y., a corporation of New York. Renewed March 6, 1937.

115,788. MACHINERY BELTING COMPOSED OF RUBBER AND FABRIC. Registered March 6, 1917. NEW YORK BELTING AND PACKING COMPANY. Renewed March 6, 1937, to United States Rubber Company, New York, N. Y., a corporation of New Jersey, assignee.

115,789. MACHINERY BELTING COMPOSED OF RUBBER AND FABRIC. Registered March 6, 1917. NEW YORK BELTING AND PACKING COMPANY. Renewed March 6, 1937, to United States Rubber Company, New York, N. Y., a corporation of New Jersey, assignee.

115,818. A RECONSTRUCTIVE TONIC. Registered March 6, 1917. FREDERICK STEARNS & CO., Detroit, Mich., a corporation of Michigan. Renewed March 6, 1937.

115,822. REFINED PETROLEUM. Registered March 6, 1917. TIDE WATER OIL CO. Renewed March 6, 1937, to Tide Water Oil Company, New York, N. Y., a corporation of Delaware, assignee.

115,835. BOOTS AND SHOES HAVING FABRIC UPPERS AND RUBBER SOLES ATTACHED THERETO BY VULCANIZATION. Registered March 13, 1917. BOSTON RUBBER SHOE COMPANY, Boston and Malden, Mass. Renewed March 13, 1937, to United States Rubber Company, New York, N. Y., a corporation of New Jersey, assignee.

115,850. NEWSPAPER ARTICLES, MAGAZINE ARTICLES, A MAGAZINE-SECTION PUBLISHED PERIODICALLY. Registered March 13, 1917. ELIZABETH M. GILMER, New York, N. Y. Renewed March 13, 1937, to Elizabeth M. Gilmer, New Orleans, La.

115,937. CANDY. Registered March 27, 1917. BUNTE BROTHERS, Chicago, Ill., a corporation of Illinois. Renewed March 27, 1937.

115,968. PUMP-ROD COUPLINGS. Registered March 27, 1917. EDWARD E. JOHNSON, INC., as assignee of Edward E. Johnson. Renewed March 27, 1937, to Edward E. Johnson, Inc., St. Paul, Minn., a corporation of Minnesota, assignee.

115,973. SOAP. Registered March 27, 1917. LAUTZ BROS. & CO., Buffalo, N. Y. Renewed March 27, 1937, to Swift and Company, Chicago, Ill., a corporation of Illinois, assignee by mesne assignments.

115,974. READY-MIXED PAINTS AND ENAMELS; ALSO VARNISHES, JAPANS. Registered March 27, 1917. W. W. LAWRENCE & COMPANY, Pittsburgh, Pa., a corporation of Pennsylvania. Renewed March 27, 1937.

116,025. IRON CASTINGS. Registered April 3, 1917. THE ADVANCE FOUNDRY COMPANY, Dayton, Ohio, a corporation of Ohio. Renewed April 3, 1937.

116,085. READY-MIXED WHITE LIQUID PAINTS AND ENAMELS. Registered April 3, 1917. PATTON PAINT COMPANY, Milwaukee, Wis. Renewed April 3, 1937, to Pittsburgh Plate Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania, assignee.

116,134. CERTAIN NAMED VEHICLES, NOT INCLUDING ENGINES, AND PARTS THEREFOR. Registered April 10, 1917. FORE RIVER SHIPBUILDING CORPORATION. Renewed April 10, 1937, to Bethlehem Shipbuilding Corporation, Ltd., Quincy, Mass., a corporation of Delaware, assignee.

116,167. ILLUMINATING-OILS. Registered April 10, 1917. TIDE WATER OIL CO. Renewed April 10, 1937, to Tide Water Oil Company, New York, N. Y., a corporation of Delaware, assignee.

116,187. BOOK-PAPERS. Registered April 10, 1917. WEST VIRGINIA PULP & PAPER COMPANY, New York, N. Y., a corporation of Delaware. Renewed April 10, 1937.

116,237. WIRE SCREEN-CLOTH. Registered April 17, 1917. REYNOLDS WIRE CO., Dixon, Ill., a corporation of Illinois. Renewed April 17, 1937.

116,238. WIRE SCREEN-CLOTH. Registered April 17, 1917. REYNOLDS WIRE CO., Dixon, Ill., a corporation of Illinois. Renewed April 17, 1937.

116,239. WIRE SCREEN-CLOTH. Registered April 17, 1917. REYNOLDS WIRE CO., Dixon, Ill., a corporation of Illinois. Renewed April 17, 1937.

116,240. WIRE SCREEN-CLOTH. Registered April 17, 1917. REYNOLDS WIRE CO., Dixon, Ill., a corporation of Illinois. Renewed April 17, 1937.

116,258. CERTAIN NAMED PAINTS AND PAINTERS' MATERIALS. Registered April 17, 1917. WADSWORTH, HOWLAND & CO., INCORPORATED, Boston, Mass., a corporation of Massachusetts. Renewed April 17, 1937.

116,265. WOOLEN GOODS IN THE PIECE. Registered April 17, 1917. WORUMBO MANUFACTURING COMPANY, Lisbon Falls, Maine, a corporation of Maine. Renewed April 17, 1937.

116,266. WOOLEN GOODS IN THE PIECE. Registered April 17, 1917. WORUMBO MANUFACTURING COMPANY, Lisbon Falls, Maine, a corporation of Maine. Renewed April 17, 1937.

116,290. ETCHED AND ENGRAVED PLATES. Registered April 24, 1917. COLORPLATE ENGRAVING COMPANY, New York, N. Y., a corporation of New York. Renewed April 24, 1937.

116,293. RUBBER PNEUMATIC TIRES. Registered April 24, 1917. CONTINENTAL RUBBER WORKS, Erie, Pa., a corporation of Pennsylvania. Renewed April 24, 1937.

116,341. CERTAIN NAMED NON-ALCOHOLIC BEVERAGES. Registered April 24, 1917. THE MIHALOVITCH BROTHERS COMPANY. Renewed April 24, 1937, to The Zanol Products Company, Cincinnati, Ohio, a corporation of Ohio, assignee by mesne assignments.

116,418. MEN'S AND BOYS' DRESS, NEGLIGÉE, AND WORK SHIRTS. Registered May 1, 1917. ELDER MANUFACTURING COMPANY, St. Louis, Mo., a corporation of Missouri. Renewed May 1, 1937.

116,419. SHOE-POLISH. Registered May 1, 1917. WILLIAM A. ELLIOTT. Renewed May 1, 1937, to Osmic Chemical Company, Brockton, Mass., a corporation of Massachusetts, assignee.

116,426. EFFERVESCENT SALT. Registered May 1, 1917. GENERAL CHEMICAL COMPANY, New York, N. Y., a corporation of New York. Renewed May 1, 1937.

116,466. MEDICINES FOR DOGS, CATS, RABBITS, FISH, BIRDS, AND POULTRY. Registered May 1, 1917. SPRATT'S PATENT (AMERICA) LIMITED, London, England, and Newark, N. J., a corporation of England. Renewed May 1, 1937.

116,488. WRITING-PAPERS. Registered May 1, 1917. WHITING PAPER COMPANY, Holyoke, Mass., a corporation of Massachusetts. Renewed May 1, 1937.

LABELS

REGISTERED DECEMBER 29, 1936

48,641.—*Title:* ADA MILLING CO. CORN MEAL (PINK, MAROON AND WHITE CHECKERED PATTERN). For Corn Meal. ADA MILLING COMPANY, Ada, Okla. Published October 1, 1936.

48,642.—*Title:* ADA MILLING CO. CORN MEAL (MAROON AND WHITE COLORED PATTERN). For Corn Meal. ADA MILLING COMPANY, Ada, Okla. Published October 1, 1936.

48,643.—*Title:* ADA MILLING CO. CORN MEAL (RED, BLACK, GREEN AND YELLOW PATTERN WITH WHITE BACKGROUND). For Corn Meal. ADA MILLING COMPANY, Ada, Okla. Published October 1, 1936.

48,644.—*Title:* ADA MILLING CO. CORN MEAL (NURSERY PATTERN WITH BLUE BACKGROUND). For Corn Meal. ADA MILLING COMPANY, Ada, Okla. Published October 1, 1936.

48,645.—*Title:* ADA MILLING CO. FLOUR (BLUE BLOCK SURROUNDED BY MAROON AND WHITE STRIPE). For Flour. ADA MILLING COMPANY, Ada, Okla. Published November 2, 1936.

48,646.—*Title:* ADA MILLING CO. FLOUR (RED, WHITE AND BLUE FIGURE WITH RED BACKGROUND). For Flour. ADA MILLING COMPANY, Ada, Okla. Published November 2, 1936.

48,647.—*Title:* ADA MILLING CO. FLOUR (VARIED COLORED FLOWERS WITH WHITE BACKGROUND). For Flour. ADA MILLING COMPANY, Ada, Okla. Published November 2, 1936.

48,648.—*Title:* ADA MILLING CO. FLOUR (WHITE, RED, GREEN, DARK BLUE DOTS, WHITE CIRCLES WITH LIGHT BLUE BACKGROUND). For Flour. ADA MILLING COMPANY, Ada, Okla. Published November 2, 1936.

48,649.—*Title:* ADA MILLING CO. FLOUR (PINK, BLUE, GREEN AND MAROON COLORED DICE WITH WHITE BACKGROUND). For Flour. ADA MILLING COMPANY, Ada, Okla. Published November 2, 1936.

48,650.—*Title:* GIANT YELLOW SOUTH AMERICAN POP CORN. For Pop Corn. AMERICAN POPCORN COMPANY, Sioux City, Iowa. Published October 14, 1936.

48,651.—*Title:* CONCORD. For Ale. AMERICAN SALES CO., Washington, D. C. Published October 29, 1936.

48,652.—*Title:* BEECH-NUT OLD FASHIONED FRUITED OAT COOKIES. For Cookies. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published October 26, 1936.

48,653.—*Title:* BEECH-NUT OVEN BAKED BEANS. For Baked Beans. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published October 20, 1936.

48,654.—*Title:* BENDIX REPLACEMENT BRAKE SHOES. For Replacement Brake Shoes. BENDIX PRODUCTS CORPORATION, South Bend, Ind. Published June 2, 1936.

48,655.—*Title:* BUCK BRAND. For Chili. BUCK COMPANY, Dallas, Tex. Published November 10, 1936.

48,656.—*Title:* CONON'S LOG FIRE SLIPPER. For Slippers. CANNON SHOE COMPANY, Baltimore, Md. Published November 2, 1936.

48,657.—*Title:* BUCK'S BOOTERIE. For Shoes and Hosiery. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published February 9, 1933.

48,658.—*Title:* FEATURING PEACOCK AND MISS NEW YORKER SHOES. For Shoes. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published June 18, 1935.

48,659.—*Title:* ARROW. For Ale. THE GLOBE BREWING COMPANY, Baltimore, Md. Published July 9, 1936.

48,660.—*Title:* HITT'S DEVIL DOG FLASH BOMB. For Amusement Pyrotechnic Bombs. HITT FLASHCRACKA COMPANY, Seattle, Wash. Published August 1, 1936.

48,661.—*Title:* FAIR LADY YARNS. For Crochet and Knitting Cotton. LOUIS HOFFMAN, New York, N. Y. Published May 2, 1935.

48,662.—*Title:* MONTE-REY MAID TOMATO SAUCE GRILLED SARDINES. For Canned Sardines. HOVDEN FOOD PRODUCTS CORPORATION, Monterey, Calif. Published October 21, 1936.

48,663.—*Title:* CHOCOLATE FLAVORED SUNSHINE VITAMIN-D DRINK. For Chocolate Flavored Drink. ROBERT A. JOHNSTON COMPANY, Milwaukee, Wis. Published September 15, 1936.

48,664.—*Title:* LAWRENCE TIGER BRAND PAINT. For Paint. W. W. LAWRENCE & COMPANY, Pittsburgh, Pa. Published October 10, 1936.

48,665.—*Title:* MEAD'S VIOSTEROL IN HALIBUT LIVER OIL. For Viosterol in Halibut Liver Oil. MEAD JOHNSON & COMPANY, Evansville, Ind. Published October 20, 1936.

48,666.—*Title:* MEAD'S VIOSTEROL IN HALIBUT LIVER OIL. For Viosterol in Halibut Liver Oil. MEAD JOHNSON & COMPANY, Evansville, Ind. Published May 27, 1936.

48,667.—*Title:* NIBLETS. For Canned Corn. MINNESOTA VALLEY CANNING COMPANY, Le Sueur, Minn. Published September 4, 1936.

48,668.—*Title:* DEL MAIZ. For Canned Cream Style Corn. MINNESOTA VALLEY CANNING COMPANY, Le Sueur, Minn. Published September 30, 1936.

48,669.—*Title:* NIBLET-EARS. For Canned Corn on the Cob. MINNESOTA VALLEY CANNING COMPANY, Le Sueur, Minn. Published October 14, 1936.

48,670.—*Title:* BOND STREET. For Pipe Tobacco. PHILIP MORRIS & CO. LTD. INCORPORATED, New York, N. Y. Published October 29, 1936.

48,671.—*Title:* CO-OP BRAND. For Carbon Paper. RAVEN SALES CO., INC., Woodhaven, N. Y. Published March 21, 1936.

48,672.—*Title:* FOUR BOTTLES FOOD COLORS. For Food Colors and Droppers for Using Said Food Colors. A. SCHILLING & COMPANY, San Francisco, Calif. Published September 1, 1936.

48,673.—*Title:* DR. SCHOLL'S MEDICATED KUROTEX CORN PADS. For Corn Pads. THE SCHOLL MFG. CO., INC., Chicago, Ill. Published July 30, 1936.

48,674.—*Title:* NAME-IT. For An Alkaline and Lithiated Beverage. SEMINOLE FLAVOR COMPANY, Chattanooga, Tenn. Published September 28, 1936.

48,675.—*Title:* HIGBEE COMPANY, CLEVELAND. For Footwear. STOCKTON N. SOMMER & CO., INC., St. Louis, Mo. Published June 12, 1935.

48,676.—*Title:* FLEISCHMANN'S. For Yeast. STANDARD BRANDS INCORPORATED, New York, N. Y. Published April 28, 1936.

48,677.—*Title:* MARCH OF PROGRESS. For Toy Painting Outfits. STANDARD TOYKRAFT PRODUCTS, INC., Brooklyn, N. Y. Published October 5, 1936.

48,678.—Title: ½ WHITE ½ WHEAT SLICED BREAD. For Half White and Half Wheat Bread. WAXIDE PAPER COMPANY, Kansas City, Mo. Published November 4, 1936.

48,679.—*Title:* RAISIN BREAD. For Raisin Bread. WAXIDE PAPER COMPANY, Kansas City, Mo. Published November 6, 1936.

PRINTS

REGISTERED DECEMBER 29, 1936

15,983.—*Title:* DOES YOUR ENGINE NEED A SHOT IN THE ARM? For Carburetors. BENDIX PRODUCTS CORPORATION, South Bend, Ind. Published June 10, 1936.

15,984.—*Title:* DALLAPE ACCORDION WITH 'FINGER-TIP TONE CONTROL'. For Accordions. CHICAGO MUSICAL INSTRUMENT COMPANY, Chicago, Ill. Published November 2, 1936.

15,985.—*Title:* HOW TO MAKE RUM LAMAZE. For Rum. CONTINENTAL DISTILLING CORPORATION, Philadelphia, Pa. Published September 29, 1936.

15,986.—*Title:* MOST PRECIOUS YEARS OF ALL . . . For Wheat Breakfast Food. THE CREAM OF WHEAT CORPORATION, Minneapolis, Minn. Published November 5, 1936.

15,987.—*Title:* HOW NEW CAKE FLOUR MAKES YOU A BETTER CAKE MAKER . . . 8 WAYS. For Cake Flour. GENERAL MILLS, INC., Minneapolis, Minn. Published November 13, 1936.

15,988.—*Title:* HEATH ENGLISH TOFFEE. For English Toffee Bars. L. S. HEATH & SONS, Robinson, Ill. Published September 1, 1936.

15,989.—*Title:* NANNETTE AND BUDDY. For Children's Dresses. NANNETTE MANUFACTURING COMPANY, Philadelphia, Pa. Published September 16, 1936.

15,990.—*Title:* WHITMORE'S. For Lubricants. THE WHITMORE MANUFACTURING COMPANY, Cleveland, Ohio. Published November 5, 1936.

REISSUES

DECEMBER 29, 1936

20,217

PRODUCTION OF PULP

Thomas Leonidas Dunbar, Watertown, N. Y., assignor to Chemipulp Process, Incorporated, Watertown, N. Y., a corporation of New York

No Drawing. Original No. 1,901,706, dated March 14, 1933, Serial No. 605,696, April 16, 1932. Application for reissue January 29, 1935, Serial No. 3,983

19 Claims. (Cl. 92—11)

1. A process for the production of pulp which comprises soaking fibrous material in heated bisulphite liquor under a pressure of approximately 50 pounds until the extractives are substantially removed therefrom and the liquor has penetrated the chips, draining the bisulphite liquor from the fibrous material and mingling said liquor with fresh liquor for reuse, digesting the fibrous material under heat and pressure in bisulphite liquor until the lignin is substantially removed therefrom, withdrawing bisulphite liquor from the material and mingling it with fresh liquor for reuse, and cooking the fibrous material in alkaline liquor until the incrustants of the cellulose are substantially removed.

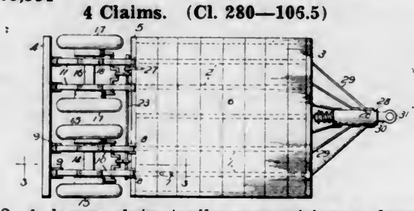
20,218

TRAILER

Charles V. Hallenbeck, Denver, Colo.

Original No. 1,938,142, dated December 5, 1933, Serial No. 577,089, November 24, 1931. Application for reissue April 21, 1936, Serial No. 75,534

4 Claims. (Cl. 280—106.5)



2. A heavy duty trailer comprising a frame, means at the front end for effecting a connection with a tractor, two pair of wheels positioned at the rear of the frame for supporting the same, an axle for each pair, two independent longitudinal spring means for effecting a suspension of the frame from each axle, the two spring means engaging each axle at spaced points and on opposite sides of the middle point thereof, a wheel rotatably connected with each end of the axle, the two point spring suspension permitting each wheel on an axle to move relative to the plane of the frame independently of the other, whereby when one wheel of each pair becomes elevated with respect to the other wheel, it will carry a greater proportion of the load.

20,219

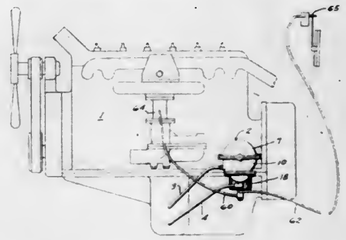
WINDSHIELD CLEANER OPERATED FROM THE MOTOR VEHICLE LUBRICATING SYSTEM

Henry Hueber, Buffalo, and Erwin C. Horton, Hamburg, N. Y., assignors to Trico Products Corporation, Buffalo, N. Y.

Original No. 1,981,839, dated November 20, 1934, Serial No. 428,173, February 13, 1930. Application for reissue September 12, 1935, Serial No. 40,348

14 Claims. (Cl. 60—60)

1. In a motor vehicle power plant including an internal combustion engine, and its circulating fluid system, a suction operated accessory, a motor housing having a plurality of chambers, a rotor contained in one chamber having inlet and outlet ports connected into the fluid system, said inlet port disposed in said rotor chamber tangential to said rotor and said rotor having



clearance in its chamber permitting fluid flow past the rotor, and operative connections from said rotor to pumping means contained in another of said chambers, said pumping means being connected to the accessory by a passage and responsive to a predetermined pressure in the passage for resisting fluid actuation of the rotor.

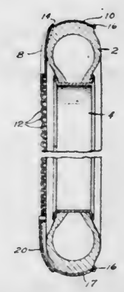
20,220

COVER FOR SPARE TIRES OF AUTOMOBILES

George Albert Lyon, Allenhurst, N. J., assignor to Lyon Incorporated, Asbury Park, N. J., a corporation of Delaware

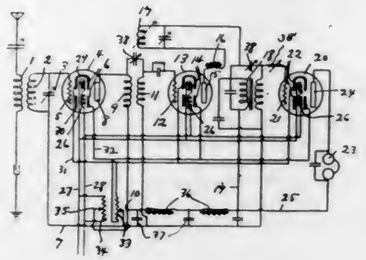
Original No. 1,965,527, dated July 3, 1934, Serial No. 328,119, December 24, 1928. Application for reissue June 18, 1936, Serial No. 85,921

21 Claims. (Cl. 150—54)



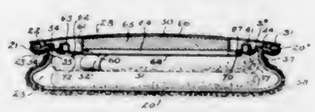
2. A cover for spare tires comprising a divided substantially continuous expansible and contractible elastic ring comprising a part of relatively stiff sheet material, having transverse corrugations and arranged to cover a side of a tire, and a part of relatively stiff elastic sheet material rigidly attached to said corrugated part and arranged to extend about the periphery of the tire, the latter part being formed somewhat smaller than the outside diameter of the tire so that it will grip the tire by reason of the elasticity of the material.

20,221
COMBINED AMPLIFYING AND RECTIFYING SYSTEM
Michel E. Macksoud, St. Albans, N. Y., assignor to The Electron Corporation, East Orange, N. J., a corporation of New Jersey
Original No. 1,920,576, dated August 1, 1933, Serial No. 120,376, July 3, 1926. Application for reissue July 24, 1935, Serial No. 32,900
16 Claims. (Cl. 250—27)



13. A circuit including an audion having a grid, a plate, and a cathode, a heater for said cathode, said cathode comprising two emitting elements adjacent said heater, an input circuit including said grid, an output circuit including said plate, an impedance connected between said emitting elements, and a connection from said impedance to said input circuit.

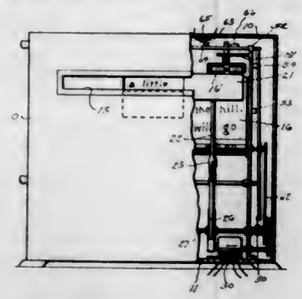
20,222
VANITY CASE
Alfred F. Reilly, North Attleboro, Mass., assignor to Evans Case Company, North Attleboro, Mass., a corporation of Massachusetts
Original No. 2,001,690, dated May 14, 1935, Serial No. 598,910, March 15, 1932. Application for reissue June 27, 1936, Serial No. 87,912
18 Claims. (Cl. 132—82)



1. In an article of the class described, in combination, means forming an annular metallic ring, an annular support element secured in said ring, and a lined metallic mesh pouch having its edge portion secured to said support element.

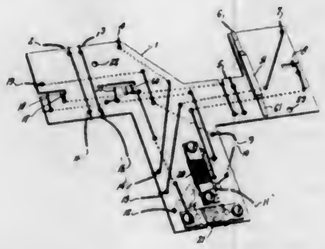
20,223
EDUCATIONAL DEVICE AND METHOD FOR THE TREATMENT OF EYES
James Y. Taylor, Southbridge, Mass., assignor, by direct and mesne assignments, to Educational Laboratories, Inc., Brownwood, Tex., a corporation of Texas
Original No. 1,918,298, dated July 18, 1933, Serial No. 605,878, April 18, 1932. Application for reissue June 14, 1935, Serial No. 26,645
19 Claims. (Cl. 128—25)

15. A method comprising intermittently and momentarily exhibiting a plurality of fixation indicia in spaced progression and sequence in the direction of reading of a person and in the direct field of vision of said person and substantially along a straight line substantially transverse to the line of straight ahead vision of said person's eyes, continuing each exhibition of indicia for a limited period, and successively blanking out the previously exhibited indicia with each successive exhibition of new indicia without leaving



any formed character in view in the blanked out portion for the eyes to regress to, whereby the eyes following said exhibition will break fusion at one point and move through a predetermined angle and establish fusion at an advanced point spaced therefrom in the direction of reading for instantaneous perception of each exhibited indicia in sequence and in step by step progression in rhythmic motion.

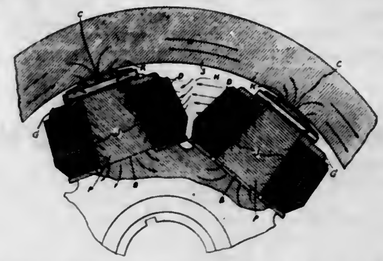
20,224
ASSEMBLY OF ELECTRICAL APPARATUS
Lewis H. Van Billiard, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York
Original No. 1,938,410, dated December 5, 1933, Serial No. 202,970, July 1, 1927. Application for reissue August 16, 1934, Serial No. 740,146
13 Claims. (Cl. 250—16)



1. The combination of a radio apparatus including a supporting member and a plurality of parts of said apparatus, a pre-assembled wiring unit for interconnecting said parts, said wiring unit including a perforated insulation member and a plurality of conductors threaded through the perforations of said member and supported by said member, means to assemble said parts in predetermined positions on said supporting member in the absence of said wiring unit, and means to secure said wiring unit in operative position on said assembled apparatus parts and supporting member, the terminals of said conductors being adjacent the terminals of those of said parts to which said conductors are to be connected.

20,225
ELECTROMAGNETIC POLE
Anthony Winther, Kenosha, Wis., assignor to Martin P. Winther, trustee, Waukegan, Ill.
Original No. 1,977,600, dated October 16, 1934, Serial No. 714,437, March 7, 1934. Application for reissue June 12, 1936, Serial No. 84,911
8 Claims. (Cl. 172—284)

6. In an eddy current inductor, magnetic members, said members being relatively movable, at least one pole on one of said members, at least one electro-magnetic coil, said coil linking at least one flux path passing through both magnetic members and including the pole, said pole having an end face adjacent the other magnetic member and having a sectional area spaced from said face, the relationship between the pole-end area and said sectional area being such as to reduce the pole section from said sectional area to the pole-end area in a manner that all flux including leakage flux from the pole is accommodated by the pole at said sectional area, but at the same time to effect substantial flux saturation at the



pole end by means only of the part of the flux which does not leak and which passes through both magnetic members near the pole-end area.

PLANT PATENTS

GRANTED DECEMBER 29, 1936

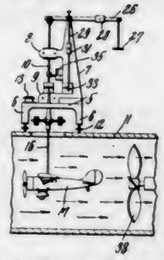
210
SUGARCANE
Benjamin Arthur Bourne, Clewiston, Fla.
Application August 10, 1936, Serial No. 95,223
1 Claim. (Cl. 47—59)

The variety of sugar cane herein shown and described, characterized particularly by its early maturity, resistance to certain leaf diseases, high sugar content, distinctive color and shape of stalk and bud, distinctive pattern of stem epidermis, and strong upright growth formed by straight stalks of fairly large diameter.

PATENTS

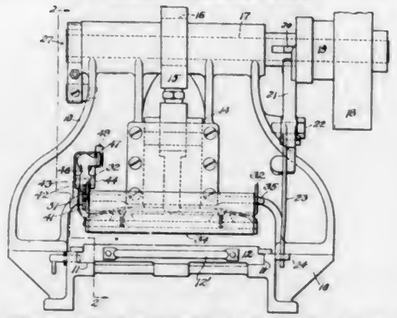
GRANTED DECEMBER 29, 1936

2,065,496
WIND TUNNEL BALANCE
Porter H. Adams, Thetford, Vt.
Application December 4, 1933, Serial No. 700,798
6 Claims. (Cl. 265—23)



1. A balance instrument comprising a base having a column, vertically alined guides on said column, an endwise movable rod engaged with said guides, a model suspender hinged to the lower end of said rod and having horizontal arms at opposite sides of the hinge, adjustable, removable weights on said arms, and counterpoise means connected with said rod to balance the combined weight of the rod, the suspender with its associated weights, and the test model carried by the suspender.

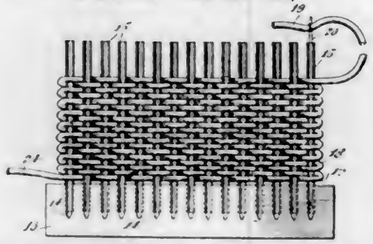
2,065,497
MARKING MACHINE
Alfred H. Avery, Malden, Mass., assignor, by mesne assignments, of one-half to North American Holding Corporation, Syracuse, N. Y., a corporation of New York, and one-half to Parshad Holding Corporation, Syracuse, N. Y., a corporation of New York
Application November 15, 1933, Serial No. 698,116
5 Claims. (Cl. 101—316)



3. The method of marking blanks for shoe uppers and the like by means of a pigmented transfer sheet and an embossing plate having projections on its face arranged according to the design to be applied to the blank, which comprises supporting the transfer sheet against a resilient, cushioned surface, and pressing the blank between the embossing plate and the transfer sheet so that the projections of the embossing plate indent the blank and the transfer sheet and force the indentations into the resilient cushioned surface supporting the transfer sheet, thereby causing a slight rubbing action between the blank and the transfer sheet at points opposite the projections.

5. A marking machine comprising two opposed press members, one of which is provided with a cushioned surface of resilient material, an embossing plate, having on its working face marking projections, disposed between the press members with its working face opposed to the cushioned press member, a transfer sheet between the embossing plate and the cushioned press member, positioned to receive the blank to be marked between the transfer sheet and the embossing plate, said cushioned surface being adapted to yield to indentations applied by the marking projections through the blank and transfer sheet, thereby to cause a slight rubbing action between the blank and the transfer sheet at the points opposite the projections when the transfer sheet, the blank and the embossing plate are pressed together between the press members.

2,065,498
COMB LOOM
Charles A. Bacheller, Newark, N. J.
Application June 30, 1936, Serial No. 88,071
5 Claims. (Cl. 139—34)



1. A loom comprising a base having a plurality of spaced tapered grooves therein, and channelled members mounted in the base and communicating with said grooves each of said channelled members having an open side.

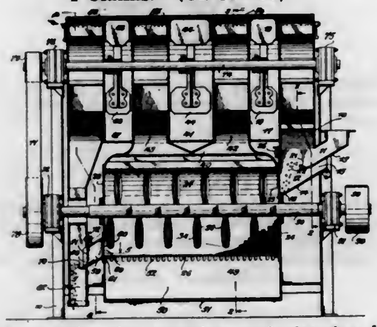
2,065,499
GARMENT HANGER
Fred A. Ballin, Jr., Los Angeles, Calif.
Application October 8, 1935, Serial No. 44,036
2 Claims. (Cl. 223—96)



1. A garment hanger comprising a double pair of vertically disposed parallel arms, formed of spring metal adapted to receive and suspend a garment therebetween, said arms having loops formed therein at their attaching ends, and means including a hook and eye for pivotally connecting said arms to a support whereby the same may

swing outwardly therefrom or downwardly when the upper pair of arms are disengaged from their pivotal support.

2,065,500
GRAIN SCOURING AND CLEANING APPARATUS
Alexis C. Barbeau, Silver Creek, N. Y., assignor to S. Howes Co. Inc., Silver Creek, N. Y., a corporation of New York
Application December 14, 1934, Serial No. 757,512
4 Claims. (Cl. 83—30)



1. A machine for scouring and cleaning kernels of grain comprising a horizontal casing provided at its front end with a grain inlet for admitting into the casing the grain to be scoured and cleaned, at its rear end with a grain outlet for discharging the treated grain from the casing, in its bottom with a plurality of openings for admitting air into the casing, and at opposite ends of its top with air and dirt outlets; means for agitating and beating the grain in said casing so as to lift the kernels and suspend the same in the air and also strike the kernels while the same are suspended for detaching dirt therefrom; an individual suction fan having inlet eyes on its opposite sides connected respectively with the outlets in the top of the casing; a grain feed spout leading to the grain inlet of said casing, a grain discharge spout leading from the grain outlet of said casing, and separate suction fans having their inlets communicating respectively with said feed spout and discharge spout.

2,065,501
COMBINED EYECUP AND BOTTLE CLOSURE
Alfred Barol, Philadelphia, Pa., assignor to John Wyeth & Brother, Incorporated, Philadelphia, Pa., a corporation of Delaware
Application October 2, 1935, Serial No. 43,228
2 Claims. (Cl. 120—249)



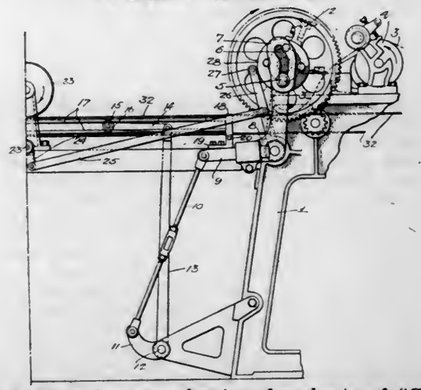
1. A bottle closure comprising an eye cup of rigid material, an integral shank depending therefrom, a laterally extending and depending enlargement on said shank in spaced relation to the eye cup proper, a plurality of faces on said enlargement, said faces being formed on arcs to the axis of said shank and enlargement, said faces diminishing in area to a common point, and means for jointly stoppering a bottle and supporting the eye cup comprising an elastic bottle neck closing member, said member having a recess occupied by said shank and provided with an internal shoulder engaging the enlargement of said shank, said shank and member above said internal shoulder being reduced in girth.

2,065,502
OPHTHALMIC LENS AND METHOD OF MAKING SAME
Carl L. Bausch, Rochester, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application December 16, 1935, Serial No. 54,609
5 Claims. (Cl. 88—54)



1. An ophthalmic lens comprising a blank of clear glass and a coextensive blank of absorptive glass secured in superposed relation thereto, said blank of absorptive glass having a central zone of uniform thickness and a peripheral zone in which the thickness increases toward the edge.

2,065,503
ROLL SHEET CUTTING MACHINE
Charles J. Beck, Philadelphia, Pa.
Application January 2, 1934, Serial No. 704,969
10 Claims. (Cl. 271—84)

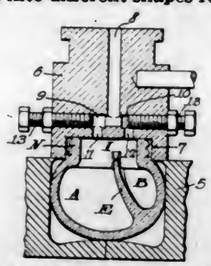


1. In delivery mechanism for sheets of "Cellophane" and similar highly flexible materials, the combination with a conveyer, of means for passing said sheets to the under side of said conveyer, and means for turning the side edges of the sheets upwardly over the edges of said conveyer, and means for disengaging the sheets from the conveyer including an abutment positioned in the path of the sheets for engagement with the advance edge of the latter.

2,065,504
METHOD OF AND MEANS FOR PRODUCING PARTITIONED GLASS CONTAINERS
Norman R. Beck, Baltimore, Md., assignor to Carr-Lowrey Glass Co., Baltimore, Md.
Application May 1, 1935, Serial No. 19,295
3 Claims. (Cl. 49—9)

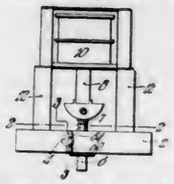
1. The method of producing a partitioned glass container which includes the steps of forming recesses of different areas in a parison and subse-

quently directing into the respective recesses jets of air of different volumes respectively to enlarge the recesses into different shapes respectively pre-



determined by the wall areas of the respective recesses and the relative volumes of the air streams directed into the recesses.

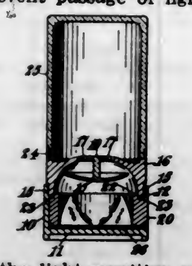
2,065,505
BOOK BINDING
Paul W. Bidwell, Holyoke, Mass., assignor to White & Wyckoff Mfg. Company, Holyoke, Mass., a corporation of Massachusetts
Application June 17, 1935, Serial No. 26,894
13 Claims. (Cl. 11—1)



3. An apparatus for binding a book wherein the binding includes a continuous piece of wire having rings passing through perforations of a book which are connected at opposite ends by bars comprising in combination, a support, a rotatable member therein provided with a slot for receiving an endmost bar of the binding extending outwardly from an endmost ring of the binding and which is rotatable to turn said bar inwardly of the binding, a latch pivoted to said member having a part overlying said slot which is engageable and movable by the said bar to permit insertion of the bar in said slot whereby said bar is enclosed in said slot, and means to operate said latch and remove said part away from said slot to permit withdrawal of the said bar therefrom, the said means being arranged for operation after the member has been rotated for turning the bar inwardly, and means operable during rotation of said member to sever said bar at a point away from said endmost ring of the binding.

2,065,506
APPARATUS FOR THE TREATMENT OF LIGHT SENSITIVE SURFACES
Noel Pemberton Billing, London, England
Application October 23, 1934, Serial No. 749,656
In Great Britain November 3, 1933
14 Claims. (Cl. 95—90)

1. Apparatus for treating a light-sensitive surface comprising a chamber having an aperture in a wall thereof and having further an orifice which is separate from the aforesaid aperture and is situated in a wall of the chamber to admit treating fluid thereto, in combination with a cover to hold the light-sensitive surface pressed against the margin of the aperture in a light-tight manner and for the purpose of effecting a liquid-tight closure of said aperture, and light-excluding means to prevent passage of light through the



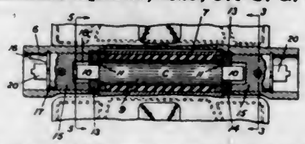
orifice when the light-sensitive surface is being treated, said orifice being independent of the cover.

2,065,507
CONCRETE PILE
Earl C. Alexander, Glen Ellyn, Ill., assignor to Massey Concrete Products Corporation, Chicago, Ill., a corporation of Virginia
Application May 18, 1935, Serial No. 22,140
6 Claims. (Cl. 61—56)



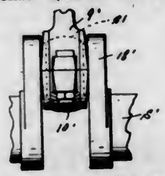
1. In a sectional concrete piling, the combination of one section of concrete piling comprising a unitary precast concrete member of substantially rectangular cross section formed of concrete and provided with metallic reinforcing rods, said section having one end formed with a cylindrical depression therein, and said depression being lined with a metallic tube, a second reinforced concrete piling section of similar shape, having its end formed with a tubular concrete filled extension covered with a metal member extending into the said latter section and anchored therein, said concrete piling sections having adjacent flat bearing surfaces on their ends, and a sheet of resilient rubber of substantially uniform thickness for evenly distributing the bearing load and thrust from one piling section to the other, said metallic tubular parts having a close frictional fit with each other whereby the piling sections may be fitted and secured together as a substantially unitary member.

2,065,508
TRACK FOR TRACK-LAYING VEHICLES
Gladeon M. Barnes, Hastings, Mich.
Application January 14, 1935, Serial No. 1,675
5 Claims. (Cl. 74—254)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



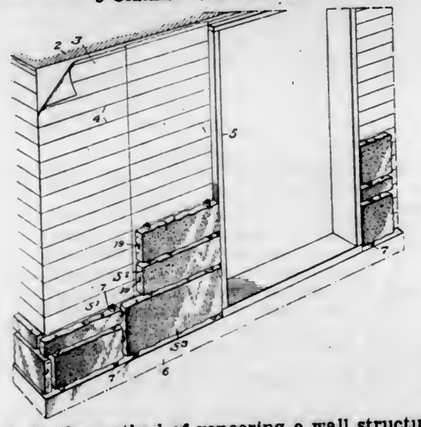
5. In a track for vehicles, adjoining links, a link pin carried by one link and having non-circular projecting ends, spaced bearings on the other link and each formed with a slot for receiving a non-circular end of the link pin, said slots shaped to cooperate with the non-circular ends of the link pin to hold the link pin against rotational movement, and a locking member in each spaced bearing and coaxial with the link pin, said member rotatable to confine the end of the link pin.

2,065,509
PISTON AND CONNECTING ROD CONSTRUCTION
William Crawford Bell, Baltimore, and William Nicholas Fischer, Baltimore County, Md.
Application October 23, 1934, Serial No. 749,652
9 Claims. (Cl. 74—579)



6. A connecting rod comprising a member having sockets at each end thereof, at least one of said sockets having concave interior surfaces for engagement with a parti-spherical bearing surface, said one socket including opposed enlargements at opposite ends thereof for engagement with opposed shoulders to hold the rod and the bearing surface against rotary movement about the longitudinal axis of the rod.

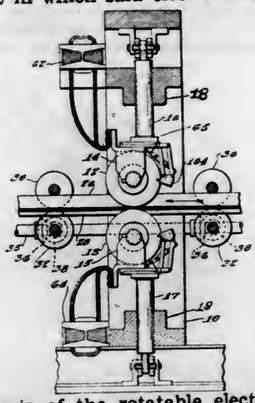
2,065,510
WALL STRUCTURE AND METHOD OF MAKING THE SAME
George L. Bennett, Terre Haute, Ind.
Application May 10, 1932, Serial No. 610,337
9 Claims. (Cl. 72—20)



1. In the method of veneering a wall structure with stones of irregular configuration, the steps consisting in erecting stones against a base wall with spacers vertically therebetween to provide a self-supporting structure, thereafter mechanically binding the stones to the base wall, and filling the joints with mortar to embed the spacing means.

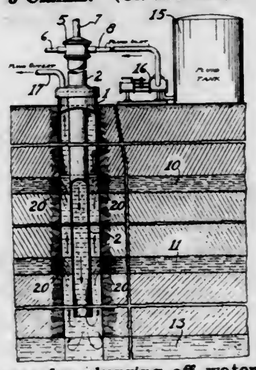
2,065,511
APPARATUS FOR PRODUCING CELLULAR METAL BUILDING UNITS
George E. Black, Sewickley, Pa., assignor to H. H. Robertson Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application February 19, 1935, Serial No. 7,196
10 Claims. (Cl. 219—4)

6. In a machine of the character described, in combination, a rotatable electrode and a caster-like support in which said electrode is mounted



with the axis of the rotatable electrode offset with relation to the pintle of said support.

2,065,512
PLUGGING WATER SANDS BY A HYDRATABLE MATERIAL
George E. Cannon, Houston, Tex., assignor to Standard Oil Development Company, a corporation of Delaware
Application October 17, 1934, Serial No. 748,578
5 Claims. (Cl. 166—21)

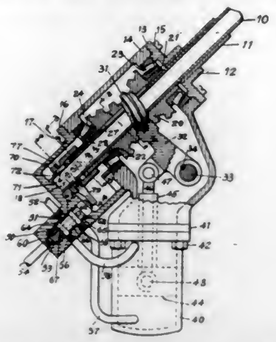


1. A process for plugging off water producing sands in a well producing both oil and water, comprising introducing into the well a suspension in oil of a solid material inert to oil but which swells on contact with water and permitting the suspension to flow into both the oil and water-bearing sands whereby the suspension on contact with the water in the water-bearing sand swells to plug the pores of only the water-bearing sand to form a seal against the further entrance of water into the well.

2,065,513
STEERING DEVICE FOR MOTOR VEHICLES
Hugo A. Centervall, Brooklyn, N. Y., assignor to Manly Corporation, New York, N. Y., a corporation of Delaware
Application December 5, 1934, Serial No. 756,027
6 Claims. (Cl. 180—79.2)

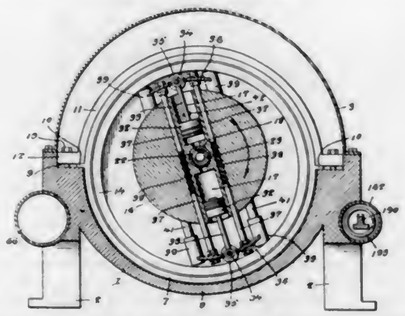
1. In a device of the character described, a manually rotatable shaft, a driving member rotatable with and having limited movement with respect to said shaft, a driven member coacting

with said driving member, power operated means for actuating said driven member, and control mechanism for said power-operated means, said control mechanism comprising an actuating



member operatively connected with said shaft and with said driving member to be actuated when said shaft moves with respect to said driving member.

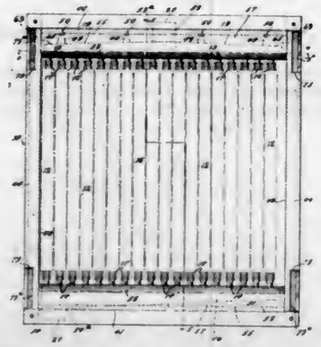
2,065,514
MOTOR
Claude Christian and Lorin M. Christian, Atlanta, Ga.
Application August 6, 1934, Serial No. 738,710
1 Claim. (Cl. 121—60)



In an engine, a circular track, a rotor mounted within and eccentric to the track, radial cylinders in the rotor, pistons in the cylinders, crossheads connected with the pistons and mounted to run on the track, guide rods secured on the side of the rotor and having sliding engagement with the crossheads, alined rods extending from the crossheads and fitting slidably within the rotor, expansion springs within the rotor between the inner opposed ends of the rods, and means for supplying fluid pressure to the pistons to drive the same.

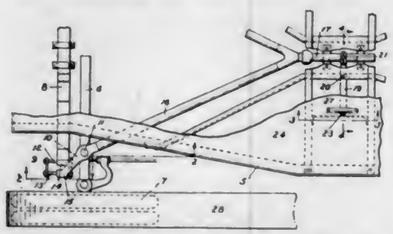
2,065,515
RADIATOR
Edward S. Cornell, Jr., Larchmont, N. Y., assignor to American Radiator Company, New York, N. Y., a corporation of New Jersey
Application December 19, 1934, Serial No. 758,262
25 Claims. (Cl. 257—154)

4. An apparatus of the character described comprising a heat exchange member including upper and lower headers, a frame enclosing said heat exchange member, and members secured to and embracing said headers, said last-named members having reentrant bases providing line



engagements with the top and bottom portions of the frame and yieldably supporting said heat exchange member within said frame.

2,065,516
VEHICLE
James A. Dorst, United States Army, San Francisco, Calif.
Application January 11, 1936, Serial No. 58,709
5 Claims. (Cl. 305—3)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



5. A combination wheel and track-laying vehicle including a wheeled axle unit, a spring disposed transversely of the axle unit, slidable connections between the axle unit and the ends of the spring whereby the axle unit is movable longitudinally of the vehicle and relative to the spring, and means for moving the axle unit.

2,065,517
SPINNING OF ARTIFICIAL FILAMENTS
Camille Dreyfus, New York, N. Y., and William Whitehead, Cumberland, Md., assignors to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application April 24, 1929, Serial No. 357,878
14 Claims. (Cl. 18—54)

1. The method of forming artificial filaments and like materials which comprises extruding a solution of an organic derivative of cellulose and a relatively non-volatile ester of a fatty acid in a solvent, the said relatively non-volatile ester being present in an amount between about 5 and 20% by weight of the organic derivative of cellulose and being retained in the materials during subsequent finishing operations.

2,065,518
METHOD OF MAKING YARNS, FILAMENTS, AND THE LIKE AND PRODUCT THEREOF
Camille Dreyfus, New York, N. Y., and William Whitehead, Cumberland, Md., assignors to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application April 17, 1930, Serial No. 445,203
9 Claims. (Cl. 18—54)

1. In a method of manufacturing articles containing acetone-soluble organic derivatives of cellulose by processes involving the formation of a solution of an organic derivative of cellulose in a solvent mixture containing acetone, the steps of incorporating in said solution in amount equal to 0.3 to 10% of the weight of the organic derivative of cellulose present a higher fatty acid soluble in said solvent mixture, said fatty acid being the only acid reacting substance present in the solution, and forming the solution into said articles.

2,065,519
SPINNING OF ARTIFICIAL FILAMENTS
Camille Dreyfus, New York, N. Y., and William Whitehead, Cumberland, Md., assignors to Celanese Corporation of America, a corporation of Delaware
No Drawing. Original application November 10, 1928, Serial No. 318,583. Divided and this application October 6, 1933, Serial No. 692,429
11 Claims. (Cl. 18—54)

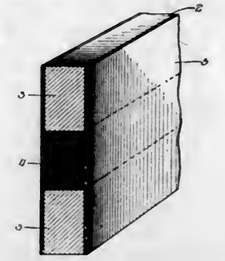
7. Process for the manufacture of artificial filaments, foils and like materials, which comprises shaping a solution of an organic derivative of cellulose in a medium comprising a solvent for the organic derivative of cellulose and containing, dissolved therein, a precipitant for the organic derivative of cellulose selected from the group consisting of fatty acids and their glycerides and coagulating the shaped products without removing said precipitant therefrom.

2,065,520
PROCESS OF LIBERATING FATTY ACIDS IN FATTY MATERIAL
Eddy W. Eckey, Wyoming, and Charles C. Clark, St. Bernard, Ohio, assignors to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application October 26 1933, Serial No. 695,374
16 Claims. (Cl. 87—12)

1. A process for liberating fatty acid by reaction of strong acid with soap in mixture with fat, which comprises adding the strong acid and an inert filter-aid to said mixture, agitating at a temperature at which the fat is fluid and sufficiently high to evaporate excess moisture, until the soap is decomposed and the precipitated salts and filter-aid are coagulated and dried enough to filter, and separating the resulting coagulated salts and filter-aid from the fatty matter.

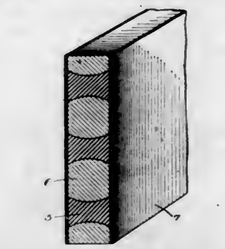
13. A process for liberating fatty acid by reaction of strong acid with soap in mixture with fat containing monoglycerides and diglycerides of fatty acids, which comprises adding the strong acid, agitating the mixture at a temperature at which the fat is fluid until the soap is decomposed and the precipitated salts are coagulated and dried enough to filter, and separating the resulting coagulated salts from the fatty matter.

2,065,521
EXPANSION JOINT
Albert C. Fischer, Chicago, Ill.
Application November 30, 1931, Serial No. 577,961
10 Claims. (Cl. 94—18)



1. A composition sheet comprising a core composed of asphalt strips spaced apart to provide an intervening space between the strips, elastic material inserted within the space, and surfacing sheets applied to face the core.

2,065,522
COMPOSITION SHEET
Albert C. Fischer, Chicago, Ill.
Application November 30, 1931, Serial No. 577,962
10 Claims. (Cl. 94—18)

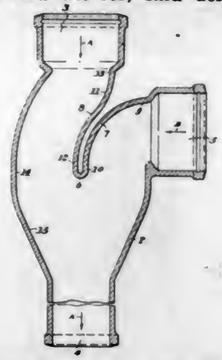


1. A composition sheet comprising a core composed of two or more strips spaced apart to provide intervening spaces, sponged elastic strips inserted in the intervening spaces, and surfacing sheets applied to cover the core and hold same in assembled relation.

2,065,523
METHOD OF UNITING FLUID STREAMS AND DEVICE THEREFOR
William C. Groeniger, Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y., a corporation of New York
Application July 20, 1934, Serial No. 736,220
6 Claims. (Cl. 285—210)

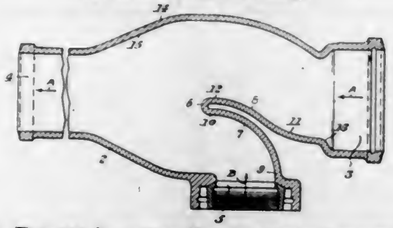
1. A conduit fitting comprising a body portion, a plurality of fluid passage means opening into said body portion at one end thereof, each of said fluid passage means being constructed of a continuous wall providing a passage of substantially uniform cross-sectional area, said continuous walls including wall portions serving as deflecting means for causing the flow of fluid through said fluid passage means alongside one another in generally parallel relationship at the zone of communication of the same with said body portion, the cross-sectional area of said body portion at said zone being substantially equal to the sum of the cross-sectional areas of said passages, the

body portion being provided with an opening at the opposite end thereof, said deflecting wall



portions having their outer surfaces exposed at the exterior of the fitting.

2,065,524
FLUID TRANSMISSION SYSTEM AND FITTINGS THEREFOR
William C. Groeniger, Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y., a corporation of New York
Application July 20, 1934, Serial No. 736,221
6 Claims. (Cl. 285—4)



1. For use in connecting to a main conduit a series of branch conduits, a series of similar connecting devices adapted to be fitted to openings in the main conduit, each of said connecting devices having an aperture for cooperation with a branch conduit, the apertures in the several connecting devices being located at different distances from the respective centers thereof, whereby through appropriate selection of said connecting devices the branch conduits may be arranged with their axes at desired predetermined different elevations with respect to the axis of the main conduit.

2,065,525
FASTENER FOR WALL PANELS
John G. Hamilton, McComb, Miss.
Application July 8, 1935, Serial No. 30,336
6 Claims. (Cl. 72—118)



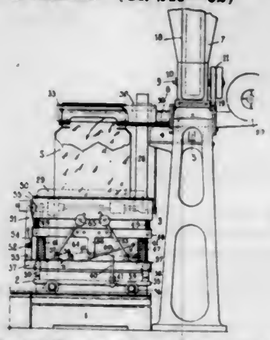
1. Concealed fastener for wall panels comprising a sheet metal member having an intermediate web and upper and lower portions debouching from said web in opposite directions, one of said portions being keen, for penetrating the substance of a panel from the edge surface thereof, the other of said portions being adapted to cooperate with an adjacent panel, said member having a nail hole for securing it by a nail to an underlying support.

2,065,526
MEANS FOR USE IN SPINNING AND IN LIQUID TREATING TUBULAR RAYON PACKAGES
Charles A. Huttinger, Lakewood, Ohio, assignor to Acme Rayon Corporation, Cleveland, Ohio, a corporation of Ohio
Application May 5, 1934, Serial No. 724,114
16 Claims. (Cl. 18—8)



1. Means for use in liquid-treating annular rayon packages comprising end members, members connecting the end members and forming a support upon which a package may be mounted, adjacent members of said last-named members being spaced apart a distance sufficient to form openings permitting substantial portions of the rayon package to move inwardly relatively to the rayon support, under the action of a treating liquid, and other members secured to the first-named members and forming positive stops limiting the amount of rayon movement.

2,065,527
AUTOMATIC SACKING AND WEIGHING MACHINE
René Jarrier, St.-Quentin, France, assignor to Bartlett Arkell, New York, N. Y.
Application July 25, 1929, Serial No. 380,832. Renewed May 4, 1932. In France August 2, 1928
8 Claims. (Cl. 249—62)

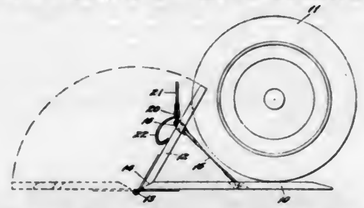


8. In a bag filling and weighing machine of the class described, a bag filling tube, a weighing platform, and means acting automatically at the completion of the filling and weighing operation for moving the bag upwardly with relation to the filling tube.

2,065,528
CHUCK FOR AIRPLANE WHEELS
Carl H. Jolly, United States Navy
Application October 16, 1935, Serial No. 45,196
8 Claims. (Cl. 188—32)
(Granted under the act of March 3, 1883, as amended April 30, 1928, 370 O. G. 757)

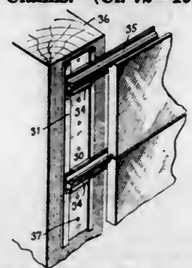
1. A chuck for an airplane wheel or the like comprising a base for supporting the wheel, and an abutment mounted on said base for movement between an operative position in the path of travel of the wheel, in which it obstructs the movement thereof in a forward direction, and an inoperative position without said path in which said

wheel is released, said abutment being disposed in contact with the ground and in the same plane



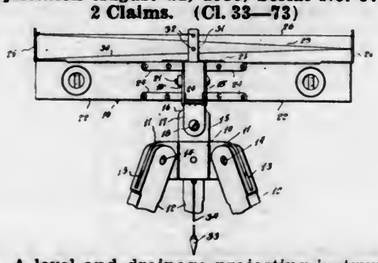
with said base when occupying its inoperative position to provide a track for said wheel.

2,065,529
ADJUSTABLE SUPPORT
Gustav H. Kehr and Fred J. Ertel, Brooklyn, N. Y.
Application February 27, 1936, Serial No. 66,098
10 Claims. (Cl. 72—19)



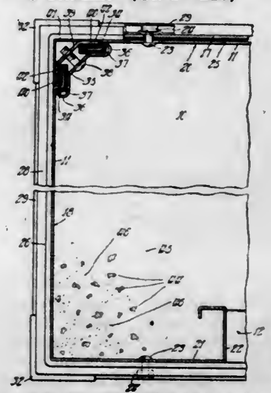
1. In a construction of the character described, a track adapted to be secured to a fixed element, a slide adapted to cooperate with the track and having a portion outstanding beyond the track and carried by the track for engaging the slide in any one of a plurality of positions.

2,065,530
LEVEL AND DRAINAGE PROJECTION INSTRUMENT
Edgar T. Kemp, Premont, Tex.
Application August 21, 1935, Serial No. 37,233
2 Claims. (Cl. 33—73)



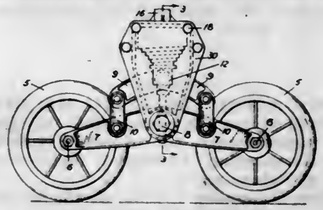
1. A level and drainage projecting instrument, comprising a table having aligned portions and a lateral portion extending therefrom midway of the outer end of the aligned portion, means connected to said lateral portion mounting said table to swing it on pivots arranged at right angles to one another, an upright arm on said lateral portion having a sight opening therein, upright arms on said aligned portions and spaced from one another, a thread connecting the last mentioned arms and arranged parallel to the table top, and another thread connecting said last mentioned arms and secured to one of said arms at a point coincident with the first mentioned thread and secured to the other upright at a point below said parallel thread.

2,065,531
SHOWER BATH CABINET
Paul W. Kerr, Elkhart, Ind.
Application May 23, 1935, Serial No. 22,999
5 Claims. (Cl. 4—146)



1. A shower bath cabinet of the character described comprising in combination sheet metal side walls, coated with porcelain enamel, a sheet metal receptor having side flanges supporting said side walls, said receptor being coated with porcelain enamel and the bottom thereof having particles of sand partly embedded in said enamel.

2,065,532
SUSPENSION FOR VEHICLES
Harry A. Knox, Washington, D. C., and Thomas Hay Nixon, United States Army, Gettysburg, Pa.
Application September 30, 1935, Serial No. 42,864
5 Claims. (Cl. 305—9)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

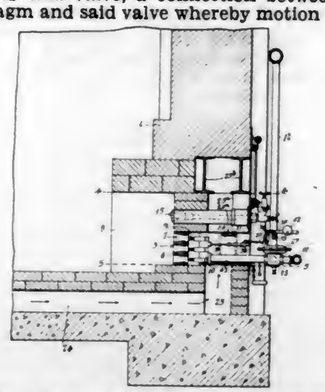


3. In a suspension for vehicles, a member to be supported, a pair of arms mounted on said member independently of one another, a wheel on each arm, a linkage connecting intermediate portions of the arms and including a guide block, a guide rod carried by the member to be supported passing through the guide block, and a yielding connection between the guide block and the member to be supported.

2,065,533
FURNACE CONSTRUCTION
Herbert V. Leahy, Los Angeles, Calif.
Application October 19, 1931, Serial No. 569,639
4 Claims. (Cl. 158—119)

1. In a furnace construction, a combustion chamber, means for supplying gaseous fuel there-

to comprising a supply line, a valve in said supply line, a movable diaphragm, one side of which is exposed to the pressure of gas in said supply line ahead of said valve, a connection between said diaphragm and said valve whereby motion of said

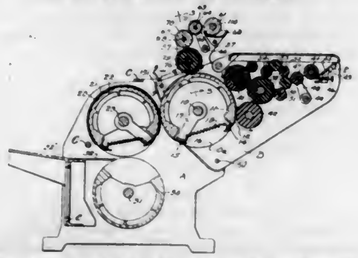


diaphragm in response to gas pressure exerted thereon opens said valve, means defining a passage for admitting air to said combustion chamber, a door in said passage, and means connecting said door to said diaphragm for opening said door in response to gas pressure in said line.

2,065,534
PROCESS FOR IMPROVING ALUMINUM ALLOY
Alfred J. Lyon, Dayton, Ohio
No Drawing. Original application April 7, 1930, Serial No. 442,468. Divided and this application July 5, 1934, Serial No. 733,861
9 Claims. (Cl. 75—140)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

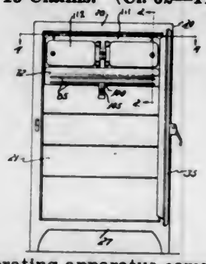
1. A process for producing aluminum-copper alloy, which consists in the steps of melting together a mixture consisting predominately of aluminum and containing 3% to 15% copper as the principal alloying constituent, and thereafter incorporating in the molten alloy a material containing tin chloride.

2,065,535
PLANOGRAPHIC PRINTING MACHINE
Lawrence H. Morse, Cleveland, Ohio, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware
Application November 6, 1933, Serial No. 696,808
6 Claims. (Cl. 101—148)



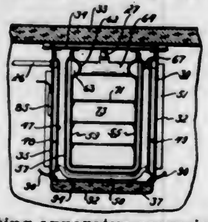
1. In a planographic printing machine, the combination of a trough to contain liquid, a fountain roll having a roughened metallic surface coacting with the liquid in said trough, a bodily shiftable ductor roll having a comparatively thick liquid absorbent and storage covering arranged to intermittently coact with said fountain roll, a roll to receive liquid from said ductor roll, said last-named roll having a comparatively thin fabric covering, and means to transfer moisture from said last-named roll to a printing plate.

2,065,536
REFRIGERATING APPARATUS
Lawrence A. Philipp, Detroit, Mich., assignor to Kelvinator Corporation, Detroit, Mich., a corporation of Michigan
Application June 20, 1932, Serial No. 618,127
Renewed January 16, 1936
15 Claims. (Cl. 62—116)



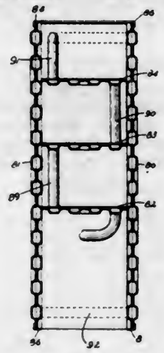
1. Refrigerating apparatus comprising in combination a cabinet having its interior divided into a plurality of refrigerating compartments by a refrigerant evaporator of relatively small heat capacity, a refrigerant evaporator of relatively large heat capacity disposed in one of said compartments, one wall of said cabinet being provided with opening means leading to said compartments, and closure means for said opening means.

2,065,537
REFRIGERATING APPARATUS
Lawrence A. Philipp, Detroit, Mich., assignor to Kelvinator Corporation, Detroit, Mich., a corporation of Michigan
Application February 27, 1933, Serial No. 658,722
Renewed July 15, 1936
17 Claims. (Cl. 62—126)



1. Refrigerating apparatus comprising, in combination, a cabinet having a food storage compartment, a refrigerant evaporating element disposed in said compartment for cooling circulating air therein, a second evaporating element for maintaining relatively low temperatures for freezing substances, said second evaporating element being shielded from the path of circulating air in the food storage compartment by said first named evaporating element to prevent the deposit of moisture on said low temperature evaporating element from the circulating air, an intermittently operating refrigerant condensing element associated with said evaporating elements for maintaining said evaporating elements substantially flooded with liquid refrigerant, and means directly associated with said first named evaporating element for controlling the operation of said condensing element, said means controlling the on and off phases of the refrigerating cycle in such a manner that frost does not accumulate on the first named evaporating element at least part of the time.

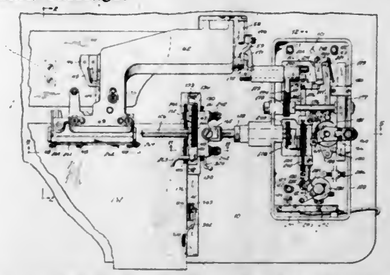
2,065,538
REFRIGERATING APPARATUS
Donald H. Reeves, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware
Application July 31, 1930, Serial No. 471,928
Renewed November 13, 1935
30 Claims. (Cl. 62—99)



27. A cooling element for household refrigerating purposes and the like in which a freezing temperature is desired for quickly congealing or freezing a substance and in which a higher temperature is desired for cooling a food storage chamber comprising in combination, superimposed sheet metal portions having certain parts thereof spaced apart and certain other parts thereof secured together to provide a passage or passages therebetween and providing a refrigerated wall member arranged to form a wall of a freezing compartment within the food storage chamber, a refrigerated shelf member supported within said freezing compartment and arranged with respect to said wall member as to prevent the temperature of one of said members from substantially affecting the temperature of the other of said members, said shelf member being adapted to support a receptacle for causing the contacts of the receptacle to be congealed or frozen, and means for conducting a volatile refrigerant to said freezing shelf member and into direct contact with the cooling surface of said refrigerated wall member.

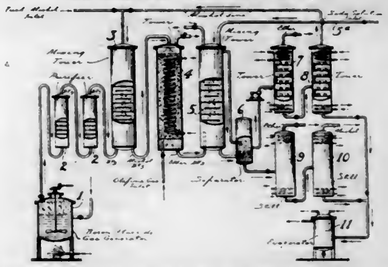
2,065,539
MULTIPLE COLUMN LISTING DEVICE
Charles H. Sand, Jr., Willoughby, Ohio, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware
Application March 12, 1935, Serial No. 10,616
24 Claims. (Cl. 101—47)

1. In combination with a printing machine having means to advance printing devices having a plurality of lines of printing characters one at a time into printing position, and a platen mechanism operative to make a predetermined number of impressions from each printing device, of a rotatable shaft, means operated by said platen mechanism to intermittently rotate said shaft, a paper carriage mounted for sliding movement axially of said shaft, means operated by said platen mechanism to intermittently slide said carriage on said shaft, said carriage including means to advance paper carried thereby relative to the printing device and to said carriage.



10. In combination with an addressing machine, wherein data is impressed from a preformed printing device onto a work sheet, of a rotatable shaft, a work sheet carriage supported by said shaft and movable axially thereon, means to prevent rotation of said carriage, means operative by the rotation of said shaft to move the work sheet relative to said carriage.

2,065,540
PRODUCTION OF OXYGENATED ORGANIC COMPOUNDS FROM UNSATURATED HYDROCARBONS
Helmuth G. Schneider, Elizabeth, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application May 3, 1933, Serial No. 669,147
12 Claims. (Cl. 260—106)

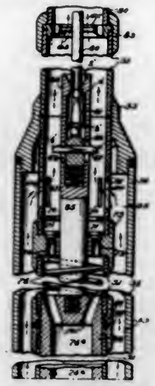


1. The process of preparing esters which comprises reacting secondary olefines having at least 3 carbon atoms with carboxylic acids at a temperature below 100° C. in the presence of a motivating agent selected from the group consisting of boron fluoride, titanium tetrachloride and silicon tetrafluoride.

2,065,541
WELL PUMP
John C. Shaffer and Robert E. Lee, Coleman, Tex.; said Robert E. Lee assignor to Margaret L. Shaffer, Corpus Christi, Tex.
Application April 29, 1935, Serial No. 18,865
12 Claims. (Cl. 103—155)

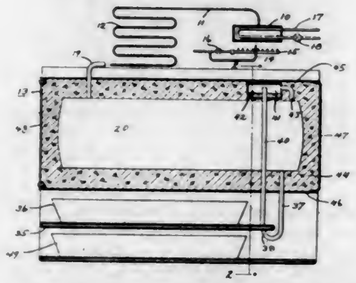
1. A well pump including in combination with a tubing and pump rod assembly, a working barrel having a hollow plunger therein suspended by said rod assembly and having fluid passages

communicating with the upper portion of said barrel, a shell surrounding said barrel defining an annular fluid chamber in communication with said barrel at a point above the operative range of said plunger, a fluid receiving chamber below said plunger, means to effect communication between said plunger and said latter chamber, a



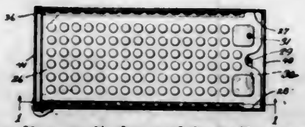
compression valve in said latter chamber to effect elevation of fluid through said plunger on one stroke of said plunger, means to elevate fluid into said barrel below said plunger on another stroke thereof preparatory to its transfer into said concentric chamber and separate valve means in control of the fluid in its separate courses.

2,065,542
REFRIGERATING APPARATUS
Harry F. Smith, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware
Application November 24, 1930, Serial No. 497,704
Renewed August 23, 1934
22 Claims. (Cl. 62—126)



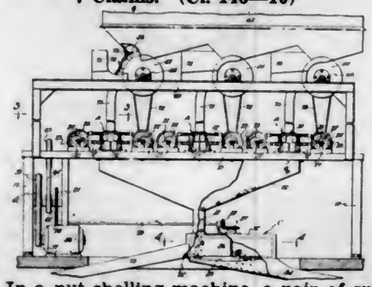
1. In an evaporator for refrigerating apparatus, the combination with a liquid supply reservoir adapted to contain liquid refrigerant, of a liquid refrigerant container having at least a portion disposed at a higher level than the reservoir and a continuously open vapor lift disposed below the plane of the liquid refrigerant supply reservoir for conveying liquid refrigerant from the reservoir to said container, said container being separated from said reservoir but having means communicating with the reservoir above the level of liquid in the container and the reservoir, said container having surfaces exposed to an ambient fluid to be cooled.

2,065,543
REFRIGERATING APPARATUS
Harry F. Smith, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware
Application July 30, 1931, Serial No. 554,060
Renewed May 3, 1935
24 Claims. (Cl. 62—126)



1. A cooling unit for refrigerating apparatus including a shelf for supporting an ice tray, said shelf being flexible, and manually actuated means for moving the tray to flex the shelf to release the tray from the shelf by the flexing thereof.

2,065,544
NUT SHELLING MACHINE
Carll W. Strong, Watchung, N. J.
Application April 7, 1934, Serial No. 719,435
7 Claims. (Cl. 146—10)

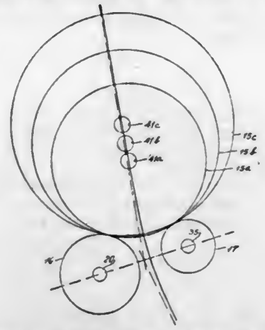


1. In a nut shelling machine, a pair of spaced alined coacting reciprocable cutters, means for simultaneously imparting reciprocatory movement to said cutters for alternate movement toward and away from each other, a releasable cupped shape nut rest below the plane of said cutters, a gravity feed tube adapted to be charged with nuts to be shelled and disposed above said nut rest, a pair of releasable recessed nut engaging jaws interposed between the lower discharge end of said feed tube and the upper plane of said cutters and adapted to close the discharge end of said feed tube when in nut gripping position, and actuating means operable in timed relation to the reciprocation of said cutters for successively releasing said jaws and said rest to release a shelled nut from said rest and allow a nut to gravitate from said feed tube to a position to be held by said rest and jaws in the path of cutting movement of said cutters.

2,065,545
SURFACE DECORATING METHOD AND APPARATUS
Guido von Webern, Dayton, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich., a corporation of Michigan
Application April 23, 1935, Serial No. 17,825
3 Claims. (Cl. 101—154)

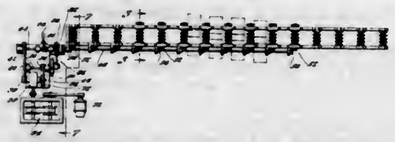
1. In a surface decorating machine, a main frame, a transfer roll carried by the frame, an ink roll carried by the frame, a pattern roll supporting device carried by the frame and arranged to support a plurality of sizes of pattern rolls in

contact with the transfer roll and in intimate association with the inking roll, said supporting device arranged to retain the axes of the various



sized pattern rolls in a line substantially parallel with a hyperbola formed by the locus of a point equidistant from the periphery of the transfer and inking rolls.

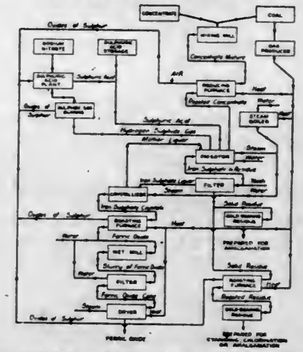
2,065,546
METHOD OF AND APPARATUS FOR PRODUCING CELLULAR METAL BUILDING UNITS
James Howard Young, Pittsburgh, and George Edward Black, Sewickley, Pa., assignors to H. H. Robertson Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application December 16, 1933, Serial No. 702,728
8 Claims. (Cl. 219—4)



1. A machine for making a cellular metal building unit such as a flooring unit from component metal members at least one of which is corrugated having, in combination, a plurality of pairs of welding electrodes, conveying means for supporting and moving the assembled component metal members, said welding electrodes being spaced with relation to each other and to the component metal members being moved through the machine to cause the electrodes to successively engage the members at points between laterally spaced corrugations, electrode supporting means having provision for permitting movement of the electrodes into engagement with the opposite surfaces of the metal members irrespective of the exact position of the metal members, and fluid operated means for effecting heavy pressure between the electrodes, and means for stopping and starting the welding operation.

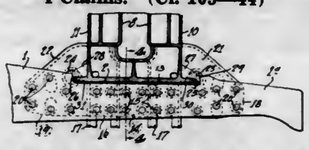
2. The method of making a cellular metal building unit which comprises in assembling component metal members, at least one of which has longitudinally extended corrugations having substantially flat bottom walls, so as to form a plurality of cells having substantially flat bottom walls and web portions contacting intermediate said cells, and welding the web portions of said members along paths disposed so closely adjacent the side walls of said cells and lengthwise thereof as to structurally close said cells and form thereby a plurality of parallel beams of maximum load-carrying capacity.

2,065,547
METHOD OF TREATMENT OF PYRITIC MATERIALS
Craig R. Arnold, Dahlonega, Ga., and Frank N. Moerk, Philadelphia, Pa.
Application October 20, 1934, Serial No. 749,264
6 Claims. (Cl. 75—83)



1. The method of treating gold-bearing ores or concentrates, comprising roasting the ore or concentrate under reducing conditions, converting the liberated sulphur gases into sulphuric acid, digesting the roasted product with sulphuric acid, recovering ferrous sulphate from the digestion liquor, roasting the digested product under oxidizing conditions, and recovering the gold from the digested and roasted residue.

2,065,548
LOCOMOTIVE CYLINDER STRUCTURE
William O. Ashe, St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill., a corporation of Delaware
Application January 12, 1935, Serial No. 1,447
4 Claims. (Cl. 105—44)

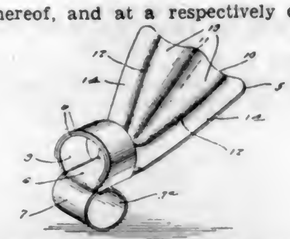


1. In a locomotive structure, a cylinder saddle body having an element adapted to engage an abutment on the locomotive main frame to assist in maintaining the body in position, a flange depending from said body for bolting to said main frame and extending outwardly from below said element and then upwardly to form a brace between a portion of said body above said element and a point on said main frame spaced longitudinally thereof from said body, there being an opening in the upwardly extending portion of said flange to facilitate machining of said element.

2,065,549
SPRAY DEFLECTOR
Frank Balensiefer, Fowler, Ind.
Application February 12, 1936, Serial No. 63,661
2 Claims. (Cl. 299—121)

1. A spray deflector for attachment to a hose nozzle formed of a single sheet of resilient sheet metal and comprising a body plate, a plurality of bendable projections extending from the plate and cooperating with the plate to encircle the nozzle in a manner to retain the plate on the nozzle for rotation about the nozzle as an axis, said plate at one end being also provided with a finger accommodating sleeve extending trans-

versely thereof, and at a respectively opposite



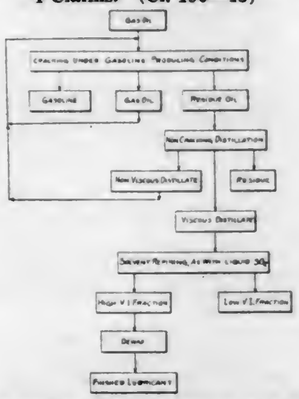
end with a segmental deflector disposed at an obtuse angle to the body plate.

2,065,550
FOOD PRODUCT AND METHOD OF MAKING SAME
William C. Baxter, Newtown, Conn.
Application July 24, 1936, Serial No. 92,318
4 Claims. (Cl. 99—137)



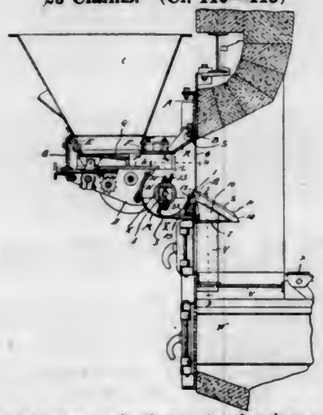
1. A food product including the combination of a collection of strand-like crunchy cereal pieces in such intermingled condition as ordinarily to provide heat-insulating air-containing interstices therebetween; a collection of ice cream frozen to a practicable consistency; and a lacteal fluid applied at a selected surface of said cereal collection to cause substitution of such liquid for air in certain of said interstices, the ice cream being applied against said selected surface but after application of said lacteal fluid to said surface.

2,065,551
METHOD OF PREPARING LUBRICANTS
Leslie C. Beard, Jr., Brooklyn, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated, a corporation of New York
Application March 14, 1934, Serial No. 715,470
4 Claims. (Cl. 196—13)



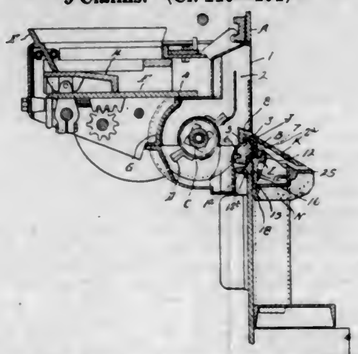
1. The method of synthesizing a lubricant oil of high viscosity index and resistant to oxidation which comprises the steps of cracking a gas oil to produce gasoline, cycle gas oil and pressure tar, separating the pressure tar from the remaining products of the cracking operation, subjecting the pressure tar to a non-cracking distillation to produce a non-viscous distillate, a viscous distillate, and a residue, treating the viscous distillate with a selective solvent capable of removing therefrom the portion highly susceptible to loss of viscosity upon rise of temperature, and finishing the remainder of the viscous distillate as a lubricant substantially equal in quality to current lubricants of Mid-Continent origin.

2,065,552
STOKER CONSTRUCTION
Royce L. Beers, Detroit, Mich., assignor to Detroit Stoker Company, Detroit, Mich., a corporation of Michigan
Application October 10, 1932, Serial No. 637,186
Renewed May 8, 1936
23 Claims. (Cl. 110—115)



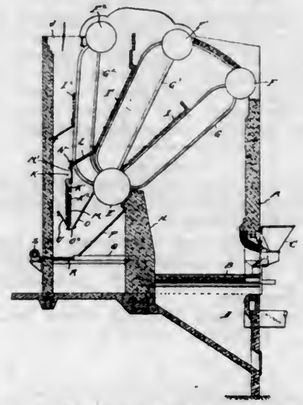
7. In a stoker, a hollow rotor having a passage for air extending radially thereof from its interior to its periphery, a blade mounted on the periphery of the rotor having a recess opening toward the periphery and cooperating therewith to form a chamber for air, said chamber being in communication with the radially extending passage aforesaid and having an outlet passage adjacent the periphery of said rotor.

2,065,553
STOKER CONSTRUCTION
Royce L. Beers, Detroit, Mich., assignor to Detroit Stoker Company, Detroit, Mich., a corporation of Michigan
Application April 3, 1934, Serial No. 718,834
9 Claims. (Cl. 110—101)



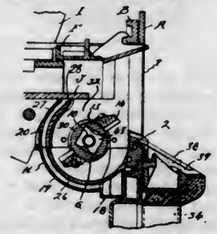
4. In a stoker, an upright plate having an opening therein, a base plate on the upright plate and having a fuel feed opening registering with the opening in said upright plate, a bracket fastened to the upright plate, a wear plate straddling and protecting an edge of the opening in the base plate, and a tuyère supported from the bracket and having a portion forming a rearward extension from the wear plate.

2,065,554
CINDER SEPARATOR
Royce L. Beers, Detroit, Mich., assignor to Detroit Stoker Company, Detroit, Mich., a corporation of Michigan
Application April 9, 1934, Serial No. 719,762
3 Claims. (Cl. 110—165)



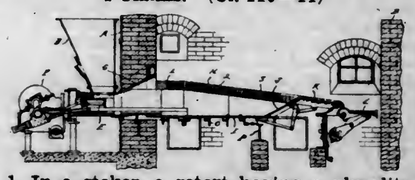
1. The combination with a boiler furnace of the type having a cinder collecting chamber into which flow the gases of combustion from the fire chamber, such furnace having heat exchange tubes therein and a baffle cooperating with said tubes to cause a down flow of the gases in heat exchange relation to the tubes, such baffle terminating above the bottom of the cinder chamber to provide for flow of gases beneath the baffle and the baffle normally operating to cause a part of the cinders to separate and collect in the cinder chamber; of a series of inclined and vertically spaced plates located as a continuation of the lower end of the baffle whereby to complete the separation of the cinders and to direct them to the bottom of the cinder collecting chamber.

2,065,555
STOKER CONSTRUCTION
Royce L. Beers, Detroit, Mich., assignor to Detroit Stoker Company, Detroit, Mich., a corporation of Michigan
Application June 25, 1934, Serial No. 732,363
5 Claims. (Cl. 110—115)



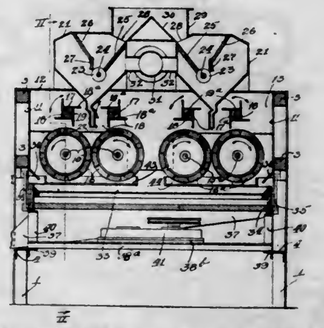
1. A stoker comprising a horizontal rotary impeller, a cylindrical housing therefor having an opening therein for receiving fuel and discharging the same into the furnace, said housing having hollow walls and formed of a plurality of adjoining sections, the lowermost section having a passage extending therethrough parallel to the axis of the impeller and provided with one or more ports for the entrance of air thereinto, said sections having registering ports for delivering air from one to another and the uppermost section being adapted to discharge air from its upper side.

2,065,556
FURNACE
Royce L. Beers, Detroit, Mich., assignor to Detroit Stoker Company, Detroit, Mich., a corporation of Michigan
Application July 16, 1934, Serial No. 735,507
4 Claims. (Cl. 110—44)



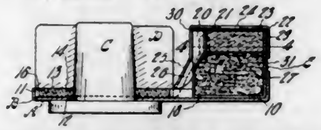
1. In a stoker, a retort having a plurality of sections arranged end to end, the bottom edges of said sections being substantially horizontal, the upper longitudinal edges of all but one of said sections being inclined and complementary to each other to form a continuous slope, and the upper longitudinal edges of the one section being substantially horizontal.

2,065,557
MACHINE FOR REMOVING FOREIGN MATTER FROM COFFEE BEANS
Eugene G. Berry, Indianapolis, Ind., assignor to B. F. Gump Company, Chicago, Ill., a corporation of Illinois
Application August 27, 1934, Serial No. 741,656
4 Claims. (Cl. 209—94)



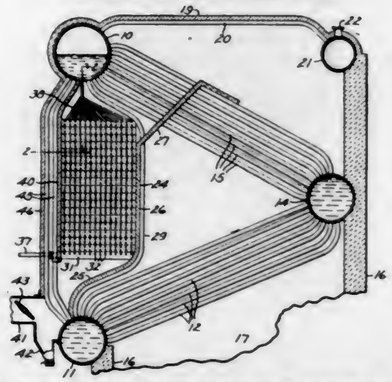
1. In a machine for removing strings from coffee beans, a pair of downwardly inclined rolls having peripheral pockets for receiving the coffee beans and a rotatable wiping member above each roll, each wiping member comprising a plurality of spaced rubber strips extending substantially the length of said rolls and periodically contacting the same and serving as fan blades and means for rotating said wiping members in opposite directions and causing the respective rubber strip thereon to coact and produce upwardly directed currents of air for exercising a lifting effect upon said strings and causing the same to float down said inclined rolls.

2,065,558
CORROSION PREVENTING MEANS FOR CONNECTIONS
Warren C. Berryman, Lakewood, Ohio
Application November 10, 1934, Serial No. 752,415
8 Claims. (Cl. 173—259)



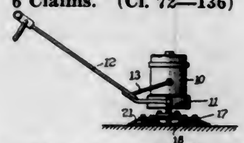
1. A corrosion preventing device, individually attachable to a connection and having a base having an aperture therein for attaching the device to a member of the connection, a marginal flange extending upwardly from the bottom of said base to form a receptacle, an absorbent member in said receptacle and confined by said flange and in contact with said member of the connection and to be contacted by the other member of the connection, the bottom of which also closes a part of said receptacle, an open top reservoir for corrosion preventing substance carried by said base, conveying means to bring corrosion preventing substance from said reservoir to said absorbent member and to said receptacle, a cap for the open top of said reservoir and held frictionally thereon and covering the remaining part of said receptacle and said conveying means and having an aperture through the top wall thereof, an absorbent element in the top of said reservoir, and a screen between the top of said absorbent element and the top wall of said cap and over said aperture therein.

2,065,559
STEAM BOILER WITH ECONOMIZERS
Albert G. Blodgett, Worcester, Mass., assignor to Riley Stoker Corporation, Worcester, Mass., a corporation of Massachusetts
Application February 20, 1935, Serial No. 7,428
11 Claims. (Cl. 122—444)



1. A steam generating apparatus comprising a rear transverse steam-and-water drum, a rear transverse water drum located a substantial distance therebeneath, an economizer positioned between the drums, a front transverse water drum positioned at an elevation intermediate that of the other drums, a lower bank of water tubes connecting the front drum with the rear water drum, an upper bank of water tubes connecting the front drum with the steam-and-water drum, means to direct the hot gases successively into contact with the lower bank, the upper bank and the economizer, and downcomers connecting the steam-and-water drum with the rear water drum.

2,065,560
FLOOR MACHINE
Harold S. Boulton, Chicago, Ill.
Application July 5, 1935, Serial No. 29,901
6 Claims. (Cl. 72—136)



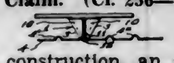
1. In a troweling device for finishing the surface of cementitious and similar materials, the combination of a disc having a smooth operating surface finished to a substantially true plane, a prime mover superimposed on the disc for rotating the same, and resilient means in the connection between the motor and disc.

2,065,561
METHOD OF AND EQUIPMENT FOR PRODUCING ABRASION RESISTING COVERING FOR CONDUCTORS
William E. Boyle and Glenwood M. Van Lear, Madison, N. J., assignors to Spaulding Fibre Co. Inc., Tonawanda, N. Y., a corporation of New Hampshire
Application January 19, 1934, Serial No. 707,347
6 Claims. (Cl. 173—244)



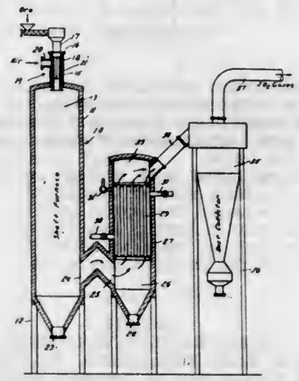
3. The method of covering a wire with a strip of material which consists of a fibrous base impregnated with a binder consisting of a partially cured phenol-formaldehyde condensation product, which process consists of heating the material to soften and further cure the binder, moving said strip in the direction of its length and during such movement feeding said wire alongside the strip, rolling the strip in a direction transverse to its length, whereby to form a spirally wound covering directly upon said wire and holding the covering against unrolling while the binder cools and hardens.

2,065,562
FENCE POST CONSTRUCTION
Charles S. Brown, Syracuse, N. Y.
Application March 7, 1935, Serial No. 9,793
1 Claim. (Cl. 256—52)



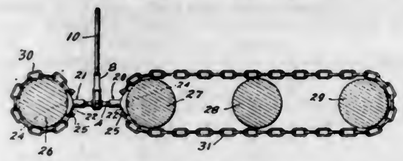
In a fence construction, an angle iron post having transverse wire receiving notches intersecting the apex portion thereof and extending through the flanges of the angle formation opening into the interior of the angle formation of the post, the wires engaging the bottoms of the notches in said flanges, and wedge means extending in said passage between the interior angle of the apex portion and the wires, the bottom portions of the notches in the flanges converging toward each other at an oblique angle to the wire strand forming seats for arcuate loops formed in the wire strand.

2,065,563
ROASTING ORE
Bernard M. Carter, Montclair, and Henry F. Merriam, West Orange, N. J., assignors to General Chemical Company, a corporation of New York
Application January 6, 1932, Serial No. 584,950
4 Claims. (Cl. 266—17)



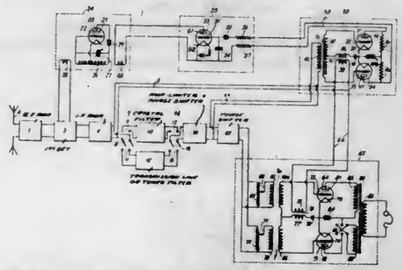
1. Apparatus for roasting finely divided sulfide ore and producing sulfur dioxide containing gases comprising in combination a roasting chamber having a cinder outlet and a gas outlet, means for forming a suspension of finely divided sulfide ore in an oxidizing gas, means for introducing the suspension into the roasting chamber, whereby the ore is roasted and sulfur dioxide gases and iron oxide cinder are produced, means for separating the sulfur dioxide gases and the bulk of the cinder, a waste heat boiler having the gas inlet thereof communicating with the gas outlet of the roasting chamber, means for passing the sulfur dioxide gases from the roasting chamber through the waste heat boiler whereby the temperature and volume of the sulfur dioxide gases are materially decreased, and a metallic dust collector connected to the gas outlet of the waste heat boiler for separating dust contained in the gases after cooling by passage through the waste heat boiler.

2,065,564
JACK AND PILE ADJUSTING MEANS
Frank H. Cramer, Chicago, Ill.
Application December 5, 1934, Serial No. 756,040
9 Claims. (Cl. 254—100)



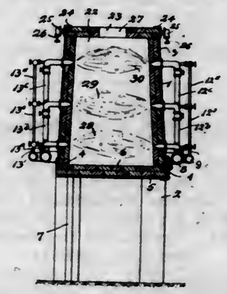
1. A double ended jack comprising opposite work-engaging members, each of said members having a pair of oppositely extending arms projecting laterally therefrom and forming a shallow elongated outwardly facing work-engaging seat, the arms of each member having fastener means for detachable pulling engagement with a hitch-loop beyond the seat of the respective member, and means for moving the said members towards and away from one another.

2,065,565
AUTOMATIC FREQUENCY CONTROL SYSTEM
Murray G. Crosby, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application June 13, 1932, Serial No. 616,803
30 Claims. (Cl. 250—20)



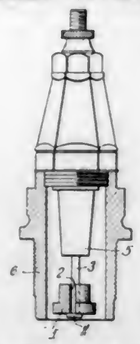
1. The combination with a beat frequency receiver including a local source of oscillations and a demodulator connected therewith, said demodulator having an output circuit, of a crystal filter having an input circuit connected with the output circuit of said demodulator, said crystal filter having an output circuit, and means for controlling the frequency of said oscillations and thereby controlling the beat frequency supplied from said demodulator to said filter, connected by a first circuit between said crystal filter output circuit and said local source of oscillations and by a second circuit between said demodulator output circuit and said source of local oscillations.

2,065,566
CONVERTER
Thomas S. Curtis, Huntington Park, Calif.
Application June 14, 1935, Serial No. 26,687
4 Claims. (Cl. 263—52)



1. A converter for heat treatment of refractory materials, or the like, comprising a combustion compartment having a charging opening at its upper portion and a discharge opening at its lower end, and including side walls, a cover for the charging opening aforesaid, and a discharge door for the discharge opening, a plurality of tuyères in the side walls of said compartment for conducting fuel thereto, said tuyères being disposed one above the other to admit fuel to the compartment in superposed zones thereof, and fuel supply means for the tuyères for varying the amount of fuel supplied to the tuyères to the extent that less fuel is supplied to an upper tuyère than to a lower tuyère in proportion to the preheating effect of the lower combustion zone on the superposed zone.

2,065,567
SPARK PLUG
Ignacio Florencio Echave and Alfredo Gabriel Caldararo, Mar del Plata, Argentina
Application January 16, 1935, Serial No. 2,030
In Argentina September 25, 1934
1 Claim. (Cl. 123—169)



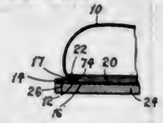
In a spark plug, a body provided with a depending skirt constituting an electrode and having a cylindrical bore extending from its lower end, an insulating member secured in said body and extending into said bore from the upper end thereof, a conducting rod electrode extending through said member and downward into said bore concentrically therewith with its lower end remote from the lower end of said insulating member, and a cylindrical electrode member loosely mounted about said rod in spaced relation thereto and freely movable lengthwise thereof, said electrode member having a central bore therethrough of materially greater diameter than and accommodating said rod, the lower portion of said member defining with the surrounding wall of said skirt a restricted annular passage of uniform width, said rod having an abutment at its lower end limiting downward movement of said electrode member and the length of the latter being materially less than the length of said rod below said insulating member.

2,065,568
GUM INHIBITOR FOR HYDROCARBON FUELS
Harold Walter Elley and Herbert W. Walker, Wilmington, Del., assignors, by mesne assignments, to Gasoline Antioxidant Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application December 18, 1929, Serial No. 415,018
15 Claims. (Cl. 44—9)

2. A cracked gasoline-motor fuel normally tending to deteriorate and develop gum on storage and having incorporated therein a compound having the formula HO—R—NH_2 wherein R represents an arylene hydrocarbon radical of the naphthalene series, in quantity sufficient to retard such deterioration and gum formation.

2,065,569
SHOE AND SHOE MANUFACTURE
Karl Engel, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application July 2, 1934, Serial No. 733,374
16 Claims. (Cl. 12—142)

1. That improvement in the art of manufacturing shoes which comprises forming an insole-attaching welt with a finished edge, positioning said insole-attaching welt between an upper and an outsole-attaching welt with the finished edge arranged exteriorly of the upper, and uniting the upper and the welts.



5. A pre-welted shoe upper having an outsole-attaching welt, and an insole-attaching welt positioned between the upper and the outsole-attaching welt and arranged to extend beyond the edge of the upper.

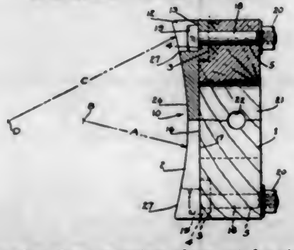
12. A pre-welted shoe having an upper, an outsole-attaching welt, an insole-attaching welt arranged between the upper and the outsole-attaching welt, fastenings securing said welts to the upper, and an insole connected to the upper by means of the insole-attaching welt.

2,065,570
ELECTRODE STRUCTURE
Sanford F. Essig, Philadelphia, Pa., assignor to Radio Corporation of America, a corporation of Delaware
Application February 24, 1932, Serial No. 594,779
25 Claims. (Cl. 250—27.5)



12. The steps in the process of forming a mosaic surface upon an insulating base which comprise applying to the base a material from which through heat treatment microscopic particles of electrically conductive material may be derived and then applying heat of sufficient intensity to the coated base to carry the temperature of the base surface to a value of the order of 800° C. within a time period of the order of seconds to form a plurality of microscopic sized particles each isolated one from the other.

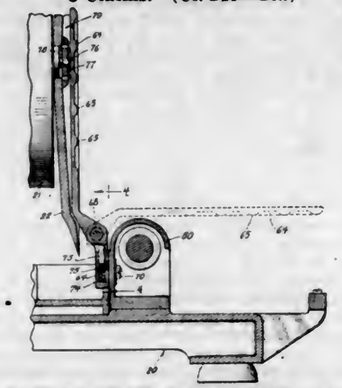
2,065,571
BRAKE SHOE
Irving N. Eustis, Fairmont, Minn., assignor to Fairmont Railway Motors, Incorporated, Fairmont, Minn., a corporation of Minnesota
Application November 7, 1932, Serial No. 641,533
2 Claims. (Cl. 188—242)



1. A brake shoe carrier element having a flat face having terminal recesses therein, a brake shoe having a flat face engaging the flat face of the carrier and having terminal locating and reenforcing bosses fitting the recesses, the wheel-engaging face of the shoe being concave toward the flat face and having terminal bolt head

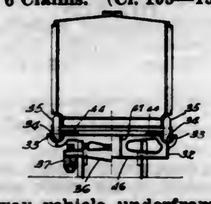
countersinking recesses opposed to the bosses, securing bolts traversing openings in the bosses and carrier and having heads in the countersinking recesses, the bottom surfaces of the last named recesses being substantially coplanar with the flat face of the shoe, and the heads being of substantially less thickness than the depth of the recesses so that the shoe can be worn substantially through at its midportion before the wheel can engage the bolt heads.

2,065,572
SLICING MACHINE
Joseph Folk, La Porte, Ind., assignor to U. S. Slicing Machine Company, La Porte, Ind., a corporation of Indiana
Application April 9, 1934, Serial No. 719,692
3 Claims. (Cl. 146—102)



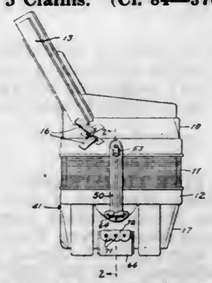
1. A slicing machine comprising a circular knife having one face thereof recessed below the peripheral edge of said knife, a guard plate pivotally mounted on a support adjacent said knife for movement into and out of said recess, an anti-friction ball abutment arranged substantially centrally of said knife for engaging said guard plate when said guard plate is within said recess, and releasable means for maintaining said guard plate against said abutment but permitting movement of said guard plate to an inoperative position if and when desired and for thereafter releasably holding the guard plate in inoperative position.

2,065,573
RAILWAY VEHICLE STRUCTURE
Charles F. Frede, St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill., a corporation of Delaware
Application December 24, 1931, Serial No. 583,121
6 Claims. (Cl. 105—159)



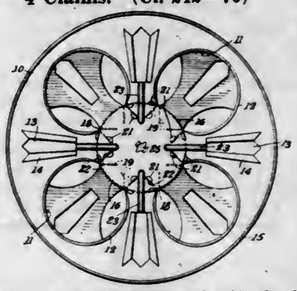
1. A railway vehicle underframe member including in an integral structure, a floor structure and a side sill member beneath the level of said structure, said floor structure having an elongated depression of substantial width immediately above said sill member and said depression forming a runway for lading supporting wheels, said sill member merging with and reinforcing said depression and said floor structure having horizontally alined portions on both sides of said depression.

2,065,574
ACCORDION
Robert Galanti, Elmhurst, N. Y.
Application November 15, 1935, Serial No. 49,870
5 Claims. (Cl. 84—376)



1. In an accordion a fastener for a casing element movable in relation to a fixed casing element comprising a reel, a strap fastened at one edge to said reel, one element of a separable fastener secured to the other end of the reel and adapted to engage cooperatively the other element of the separable fastener, and spring means tending normally to wind said fabric strap upon said reel, said second element of the separable fastener being mounted on the fixed element of the casing.

2,065,575
FILM REEL
Richard S. Gavin, Bayonne, N. J.
Application May 20, 1935, Serial No. 22,359
4 Claims. (Cl. 242—70)

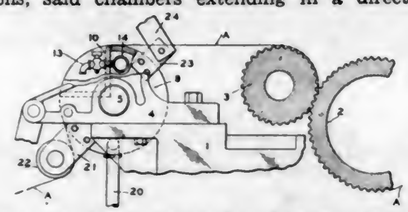


3. A reel comprising two identical elements, each element comprising a disc-like member having integrally formed hub portions bent at right angles thereto, and at least one wing portion integrally formed with each hub portion and bent at an angle to the lateral edges of said hub portion.

2,065,576
STEAMER AND PREHEATER FOR CORRUGATING MACHINES
Walter C. George, St. Louis, Mo., assignor to Robert Gaylord, Incorporated, St. Louis, Mo., a corporation of Missouri
Application February 24, 1936, Serial No. 65,410
11 Claims. (Cl. 154—30)

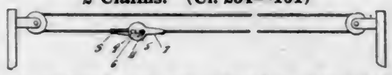
1. The combination with corrugating rolls, of a plurality of steam chambers situated adjacent

said rolls, one wall of said chambers being formed by the sheet of material operated on by said rolls, said chambers extending in a direction



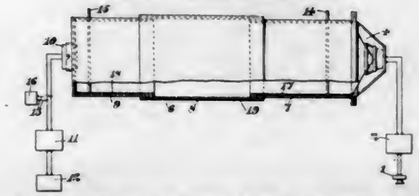
transverse to the travel of said sheet, means for controlling admission of steam to multiple chambers, and auxiliary means for controlling admission of steam to individual chambers.

2,065,577
LINE TIGHTENER
Arthur Gladstone, Hartford, Conn., assignor to The Han-Dee Manufacturing Corp., Hartford, Conn., a corporation of New York
Application April 2, 1935, Serial No. 14,289
2 Claims. (Cl. 254—161)



1. A tightener of the character described for clothes lines or the like, said tightener being constructed of a pair of similar side members each comprising a sheet metal disc having an extension thereon and a hook formed at the end of said extension, said side members being connected to form a spool like structure with the said extensions disposed in opposite directions, and means comprising an aperture in each of said side members for receiving the end of a line.

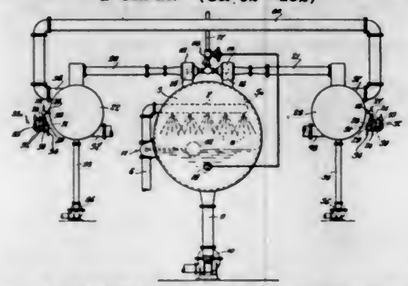
2,065,578
SOUND TRANSMISSION
Robert Rodger Glen, Anglet, France, assignor to Glen's Patents and Holdings, Inc., New York, N. Y., a corporation of Delaware
Application August 14, 1935, Serial No. 36,076
In Great Britain May 30, 1935
25 Claims. (Cl. 181—0.5)



1. The method of modifying the tone quality of sounds being transmitted for recording or reproduction which comprises the steps of initially converting the sound to be recorded into electrical impulses, converting the electrical impulses into sound waves in a resonance chamber, selectively modifying the acoustic characteristics of the sound waves within said chamber, and re-converting the modified sounds into electrical impulses.

10. Apparatus for modifying the tone quality of sounds being transmitted as electrical impulses for recording or reproduction, comprising the combination with microphonic means for receiving and translating sound into electrical impulses, of a chamber adjustable as to its acoustic characteristics, a sound-reproducing device associated with said chamber arranged to convert said electrical impulses into sound waves within the chamber, and a microphone arranged to pick up the sound waves within the chamber and to convert them into electrical impulses.

2,065,579
REFRIGERATING SYSTEM
Harold M. Graham, Buffalo, N. Y., assignor to Ross Heater & Mfg. Co. Inc., Buffalo, N. Y., a corporation of New York
Application February 24, 1932, Serial No. 594,843
1 Claim. (Cl. 62—152)



In a refrigerating system, the combination with a cooling chamber through which a cooling medium is caused to circulate, of a plurality of steam ejectors for maintaining a vacuum in said chamber, whereby the temperature of the cooling medium is lowered to a predetermined value, a condensing chamber into which one of said ejectors discharges, a second condensing chamber into which a second of said ejectors discharges, means for maintaining a vacuum in said condensing chambers, means for connecting the cooling tubes of said condensing chambers in series so that the cooling water is caused to flow from said first mentioned condensing chamber to said second condensing chamber, the temperature of the cooling water being progressively raised as it passes through said condensing chambers, the nozzle of said second ejector being so formed that steam passes through it at a higher rate than through the nozzle of said first mentioned ejector, whereby to compensate for the lower vacuum maintained in said second condenser, a common supply pipe for the said ejectors, a valve in said pipe and means responsive to the temperature of the cooling medium in said cooling chamber for automatically regulating said valve to control the supply of steam to the nozzles of said ejectors in accordance with the temperature of said cooling medium.

2,065,580
TOY GUN
Henry C. Grawunder, Bellville, Tex.
Application October 26, 1935, Serial No. 46,883
7 Claims. (Cl. 124—14)



1. A toy gun comprising a stock, an upstanding magazine attached to the stock and having an opening to receive the loop at the end of an elastic band, a rod arranged to be positioned alongside and to extend the entire length of the magazine to be received by said loop, means at the muzzle end of the stock over which the band

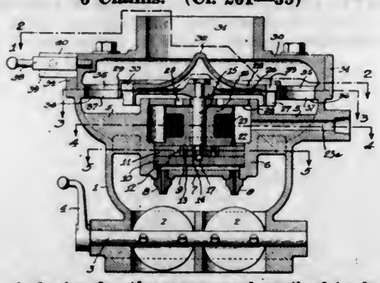
may be engaged to place the band under tension, and means arranged to be manually operated to withdraw the rod from the looped end of the band.

2,065,581
WRIST WATCH BAND
Charles J. Heileman, Park Hills, Ky.
Application January 4, 1935, Serial No. 437
14 Claims. (Cl. 24—71)



2. In a clasp of the class described the combination of an upper housing having a top and depending sides, an inner housing having a bottom and upstanding sides, said housings being adapted to be secured to one another to provide a rectangular box, a member adapted to telescope within said box, means for limiting the movement of the member relative to the box to prevent disassociation thereof, a locking cam associated with the box for impinging on the telescoping member, and means for holding the locking cam in inoperative position upon release thereof whereby an unobstructed passage is afforded for the telescoping member.

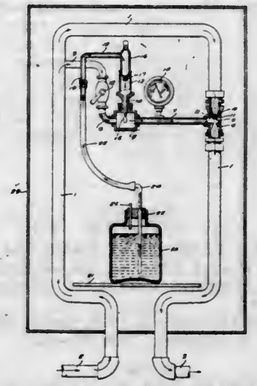
2,065,582
CHARGE FORMING DEVICE
John O. Heinze, Detroit, Mich., assignor to Heinze Development Company, Detroit, Mich., a corporation of Michigan
Application August 7, 1935, Serial No. 35,025
6 Claims. (Cl. 261—35)



1. A device for the purpose described including a casing having a main air passage for the flow of air therethrough, means within said casing driven by said air flow through said passage to supply liquid fuel to said flow, said casing having a by-pass communicating with said passage to by-pass a portion of the flow to said passage, past said means, and means for controlling the flow through said by-pass to vary the proportion of air flow utilized for driving said fuel supplying means to the total air flow.

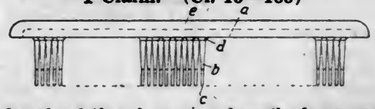
2,065,583
LIQUID STERILIZING APPARATUS
Enrique Heitzmann, Buenos Aires, Argentina
Application May 25, 1935, Serial No. 23,407
In Argentina January 28, 1935
2 Claims. (Cl. 210—28)

1. A liquid sterilizing apparatus comprising a conduit for passage of the liquid to be sterilized, means providing an injector in said conduit, a tube connecting said injector with a part of said conduit, a vacuum chamber in said tube, a vessel containing a sterilizing liquid, and a tube connecting said vessel with said chamber, said last mentioned tube extending upwardly from



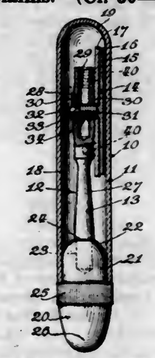
said vessel, to a point above said chamber and thence downwardly into said chamber and having a check valve in the upwardly extending portion thereof opening in the direction of flow of liquid from said vessel.

2,065,584
RUBBER BRUSH
Anna Hempel, Berlin, Germany
Application July 10, 1936, Serial No. 89,918
In Germany October 31, 1934
1 Claim. (Cl. 15—188)



A brush of the character described, comprising a suitable backing, and bristles of flexible material throughout, having base portions of conical form connected with said backing and free ends of elongated cylindrical form.

2,065,585
SAFETY RAZOR
Otto J. Herb, Chicago, Ill.
Application August 17, 1934, Serial No. 740,241
7 Claims. (Cl. 30—47)



1. In a collapsible safety razor structure, the combination of a tubular housing having one open end with a closure plug adapted to be se-

cured in said open end, said closure plug forming a part of a handle extending into said tubular housing, said handle having a transversely extending bore, a razor head assembly having a shank for attachment to said handle, said shank extending into said transversely extending bore with the major axis of the head assembly extending longitudinally of the handle, and resilient means for gripping said shank and holding the parts in the last mentioned position, said shank having a head at its end, said resilient means comprising a resilient finger for engaging underneath said head.

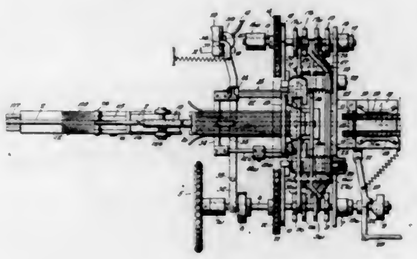
2,065,586

METHOD AND MACHINE FOR MAKING FINNED TUBE HEAT EXCHANGERS

Anthony F. Hoesel, Chicago, Ill., assignor to Peerless Ice Machine Company, Chicago, Ill., a corporation

Application February 8, 1934, Serial No. 710,262

24 Claims. (Cl. 29—84)



1. In a machine for fabricating finned tubing, the combination of means to space the fins upon the tubing and means affixing them thereto for a predetermined length and means making the spacing means inoperative for a predetermined length, both means being alternate in operation.

2,065,587

VULCANIZATION OF RUBBER

Louis H. Howland, Nutley, N. J., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application March 9, 1935, Serial No. 10,275

15 Claims. (Cl. 18—53)

1. A process of producing a vulcanized rubber product which comprises vulcanizing rubber in the presence of a diarylcarbamyl dialkylthiocarbamyl sulphide.

2,065,588

FUEL OIL

Donald Albert Howes, Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application June 14, 1933, Serial No. 675,709. In Great Britain June 15, 1932

4 Claims. (Cl. 44—9)

1. A compression ignition fuel comprising a high boiling heavy oil of the type used as fuel for Diesel engines, a primer selected from the class consisting of the lower alkyl nitrates and nitrites and a second primer consisting of benzyl bromide, each of said primers being in amounts of the order of 0.5% to 5.0% by weight of the resulting mixture.

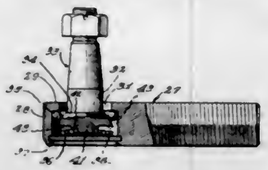
2,065,589

BALL BEARING JOINT

George H. Hufferd, Detroit, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio, a corporation of Ohio

Application February 17, 1933, Serial No. 657,180

5 Claims. (Cl. 287—90)



4. In a joint, a socket having a cylindrical inner wall and an end wall defining a restricted opening, a stud projecting through said restricted opening, a member embodying a spherical surface on the stud and positioned in the socket, balls interposed between the spherical member and the end wall, an end portion extending from the bottom of said stud in said socket and resilient means fitted around said end portion and confined within said socket for retaining said stud in operative position.

2,065,590

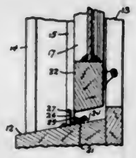
ANTIRATTLING DEVICE FOR WINDOWS

Floyd E. Jennings, San Mateo, Calif.

Application August 13, 1935, Serial No. 35,943

Renewed October 21, 1936

1 Claim. (Cl. 16—85)



In an anti-rattling device for windows, a resilient metal strip, means for securing said strip to a window sill adjacent the lower rail of the sash, said strip having a portion underlying the sash and bent upwardly at an angle to the sill, then bent back upon itself and vertically upwardly exteriorally of the sash whereby closing of the sash upon the portion underlying it will cause the vertical portion of the strip to be brought into engagement with the outer surface of the sash.

2,065,591

DRIP PAN FOR SCRUB PAILS

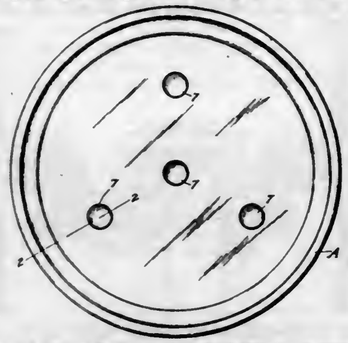
Bertha Kasik, Chicago, Ill.

Application February 23, 1934, Serial No. 712,469

4 Claims. (Cl. 220—69)

1. As an article of manufacture, a drip pan for scrub pails having bottom rims comprising a thin sheet metal pan adapted to set beneath a pail and large enough to catch drippings therefrom,

and a plurality of rubber suction cups secured to the pan and disposed to engage the pail bot-



tom, said cups being of a height to permit the pail bottom rim to engage and rest on the pan.

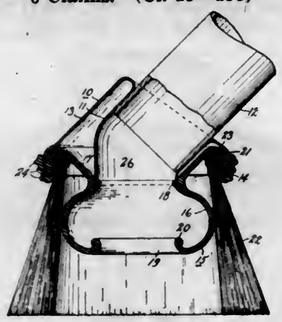
2,065,592

VACUUM CLEANER

Gustaf Einar Lofgren, Riverside, Conn., assignor to Electrolux Corporation, Dover, Del., a corporation of Delaware

Application November 10, 1934, Serial No. 752,437

6 Claims. (Cl. 15—158)



1. A brush including a shell having spaced walls defining an annular chamber between them and a central suction passage, a substantially annular bridge member bridging said annular chamber, a bristle holder within said chamber, with a portion of said bridge member between the same and the outer wall whereby the parts are maintained in position with the bridge member in contact with the inner and outer walls.

2,065,593

WATER-SOLUBLE DIAZOIMINO COMPOUNDS AND THEIR PRODUCTION

Herbert A. Lubs, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application September 18, 1934, Serial No. 744,536

2 Claims. (Cl. 260—69)

1. The product resulting from coupling diazotized 3-chlor-6-methoxy-aniline to the nitrogen of ac-beta-(ethyl-amino)-tetrahydro-naphthalene-ar-monosulfonic acid.

2,065,594

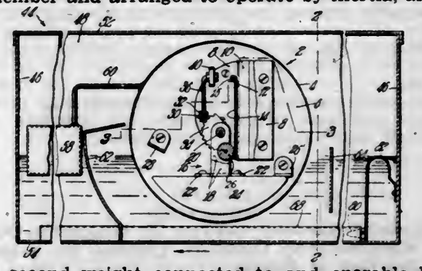
CIRCUIT CONTROL APPARATUS

Wallace R. Lyman, Springfield, Mass.

Application February 20, 1936, Serial No. 64,879

6 Claims. (Cl. 200—52)

1. A switch apparatus of the class described comprising in combination, a movable switch operating member, a weighted member movable in opposite directions operable to actuate said member and arranged to operate by inertia, and



a second weight connected to and operable by said weighted member as it moves in one direction and adapted to assist the same in its movement in one direction.

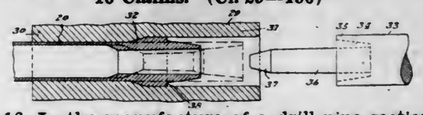
2,065,595

TUBULAR PRODUCT AND MANUFACTURE THEREOF

Albert S. Lynch, Beaver, Pa., assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa., a corporation of Pennsylvania

Application August 9, 1934, Serial No. 739,122

16 Claims. (Cl. 29—156)



16. In the manufacture of a drill pipe section, the steps comprising heating an end portion of a tubular blank, inwardly upsetting said end portion to reduce the bore thereof and then outwardly upsetting at least a part of said end portion so as to provide thereon a smoothly tapered extremity to serve as an integral tool joint.

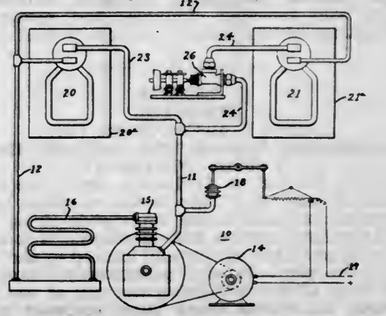
2,065,596

REFRIGERATING APPARATUS

David E. Maccabee, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware

Application March 30, 1929, Serial No. 351,362

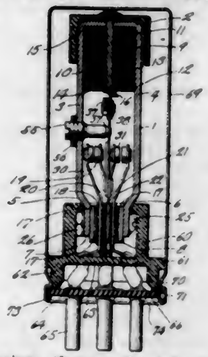
4 Claims. (Cl. 62—8)



1. A refrigerating apparatus including a plurality of evaporators, means for supplying liquid refrigerant to and for withdrawing gaseous refrigerant from the evaporators, and a mechanically operated two-temperature snap acting valve responsive to a predetermined high pressure within one of said evaporators for abruptly

opening the withdrawing means for said one evaporator and responsive to a predetermined low pressure within said one evaporator for abruptly closing the withdrawing means for said one evaporator, said valve having a relatively heavy weight for providing ample inertia to carry the valve abruptly from one position to the other, said valve including adjusting means for independently varying said predetermined high pressure and said predetermined low pressure at which said valve opens and closes.

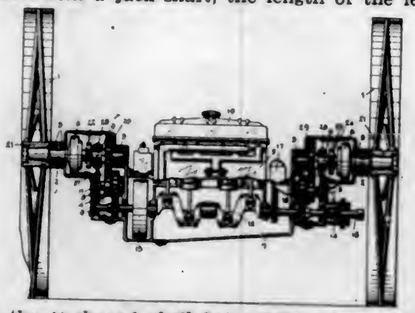
2,065,597
VIBRATOR
Edward J. Mastney, Berwyn, Ill., assignor to Oak Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application May 28, 1936, Serial No. 82,275
10 Claims. (Cl. 200—90)



1. In a vibrator, the combination of an elongated frame, a magnetizable core carried by said frame at one end thereof, a composite reed rigidly clamped at the other end of said frame and extending toward said core, said composite reed comprising two spring sections spaced from each other and lying in one plane, an armature, means for rigidly and insulatingly mounting said armature on the free ends of said reed sections, at least one elongated rigid member carried by each reed section near the clamped portion thereof and extending away from said reed and toward said armature, a movable contact carried by each rigid member at the free end thereof, stationary contacts cooperating with said movable contacts, and means for mounting said stationary contacts on said frame.

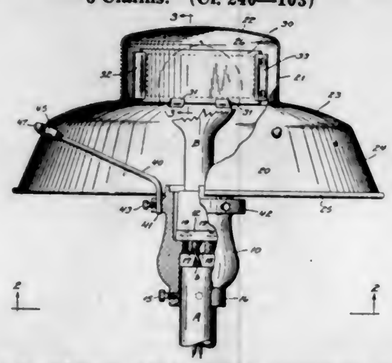
2,065,598
TRACTOR
Aaron E. McCoy, Malin, Oreg.
Application April 10, 1936, Serial No. 73,659
1 Claim. (Cl. 180—17)

In a tractor, a U-shaped shell, the upper ends of the leg of the U-shaped shell having bearings enclosed in the upper ends of leg parts of U-shaped shell, a pair of wheels, jack-shafts connected to the wheels and located in the bearings for pivotally and pendulously supporting the body of the shell below the axis of the jack-shafts, an engine crank shaft enclosed in the transverse part of the U-shaped shell, an engine supported on the said transverse part of the shell for operating the crank shaft, bearings located in legs of the U-shaped shell, a train of gear wheels for connecting each end of the crank shaft with a drive shaft and enclosed in the legs of the U-shaped shell and supported in said last named bearings, and an independently operative clutch for connecting each drive shaft with a jack-shaft, the length of the legs



of the U-shaped shell being such as to locate the center of gravity of the shell and the parts supported thereon well below the axis of the wheels.

2,065,599
REFLECTOR
John A. McKay, Coshocton, Ohio, assignor to Jones Metal Products Company, West Lafayette, Ohio, a corporation of Ohio
Application December 6, 1934, Serial No. 756,249
6 Claims. (Cl. 240—103)

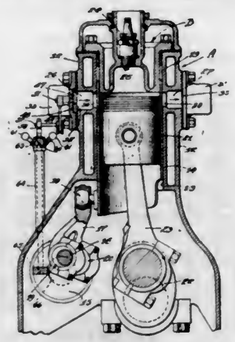


2. A reflector made of one continuous integral piece of metal and having a lower conical portion, a dish-shaped portion leading inwardly and upwardly from the conical portion, a round, concentric upward extension from the dish-shaped portion, and a top for said extension, the extension being provided with a lateral window, a translucent pane within the extension and extending across the window, and means on the interior of the extension for holding the pane in place.

2,065,600
INTERNAL COMBUSTION ENGINE AND METHOD OF OPERATING SAME
Andre J. Meyer, Detroit, Mich., assignor to Continental Motors Corporation, Detroit, Mich., a corporation of Virginia
Application November 27, 1931, Serial No. 577,428
34 Claims. (Cl. 123—81)

1. In an internal combustion engine having a cylinder provided with a plurality of intake ports spaced circumferentially in the wall thereof, a single sleeve valve associated with said cylinder and having a combined axial reciprocation and oscillation, said sleeve valve having a

plurality of intake ports spaced circumferentially in the wall thereof and adapted to register with the cylinder intake ports, intake gas conducting means for directing intake gas toward said cylinder and sleeve valve intake ports, said intake gas having a tendency to swirl in said cylinder, and intake gas deflecting means associated with



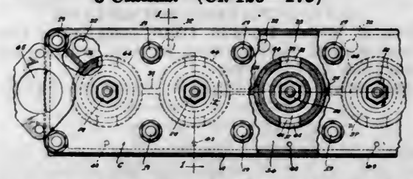
said conducting means for cooperation with a plurality of said cylinder and sleeve intake ports for controlling said swirling tendency, said intake gas conducting means being at all times in communication with all of said cylinder intake ports, said deflecting means acting on said intake gas to promote swirl at relatively low engine speed.

2,065,601
DAMPING DEVICE
Andre J. Meyer, Detroit, Mich., assignor to Continental Motors Corporation, Detroit, Mich., a corporation of Virginia
Application December 4, 1931, Serial No. 579,033
7 Claims. (Cl. 192—68)



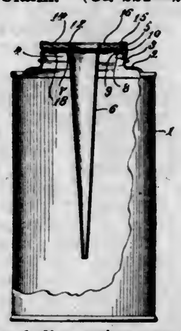
1. A clutch plate comprising a hub structure including a plate member, a disc member provided with friction material, said members having spring seats struck therefrom toward each other, and a spring intermediate said seats for permitting yielding relative angular displacement between said plate and disc members, and means loaded by shearing forces and developing internal friction upon relative displacement of said plate and disc members whereby to yieldingly oppose said displacement.

2,065,602
ENGINE
Andre J. Meyer, Detroit, Mich., assignor to Continental Motors Corporation, Detroit, Mich., a corporation of Virginia
Application September 28, 1932, Serial No. 635,136
3 Claims. (Cl. 123—173)



1. In an internal combustion engine having a jacketed cylinder block formed with a plurality of cylinders spaced longitudinally of said block, a jacketed cylinder head structure closing the outer ends of said cylinders, said cylinder block and cylinder head structure having cooperating jacket openings for the passage of cooling fluid therebetween at a plurality of points longitudinally of the cylinder block along one side thereof whereby the majority of cooling fluid circulated from the cylinder block jacket to said jacketed cylinder head structure passes along said cylinder block side, said cylinder head structure having longitudinally extending baffles forming an inlet conduit for the cooling fluid along said cylinder block side and an outlet conduit for the cooling fluid along the opposite side of said cylinder block, and means for circulating cooling fluid between said conduits above each of said cylinders.

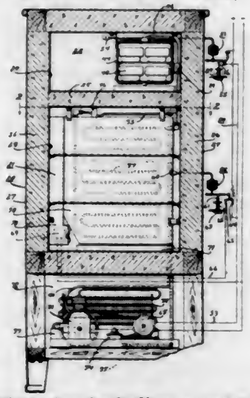
2,065,603
SHIPPING AND DISPENSING CAN
Joseph H. Miller, Houston, Tex.
Application February 6, 1935, Serial No. 5,234
1 Claim. (Cl. 221—24)



A shipping and dispensing can having a screw threaded neck with an inwardly disposed flange surrounding an opening at the top of the said neck, a dispensing nozzle and a disk to which said nozzle is secured, said disk being adapted to close said opening and overlap at its edges the edges of said flange, the disk closing the base of the nozzle and being adapted to be punched to open the nozzle, a screw cap fitting said neck and adapted to have a central opening formed therein to receive the nozzle the cap surrounding the nozzle near the base and a ring between the cap and the neck flange and overlying said disk the opening in the ring being adapted to surround the nozzle near the base, the neck flange having a bead to position the edges of the disk, the disk having oppositely

disposed beads arranged in a circle to engage the edges of the neck flange and position the disk in both the shipping and dispensing positions of the disk, and said ring being compressible.

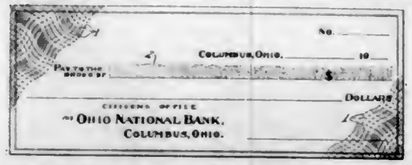
2,065,604
REFRIGERATING APPARATUS
Ralph K. Miller, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application March 26, 1934, Serial No. 717,377
3 Claims. (Cl. 62—116)



1. A refrigerator including a cabinet containing separate freezing and food compartments, a refrigerating system including an evaporating means having an evaporating portion in heat exchange relation with the food compartment and an evaporating portion in heat exchange relation with the freezing compartment, said evaporating portions being connected in series, means for creating a forced circulation of the food compartment air over the evaporating portion disposed therein, a refrigerant liquefying and condensing means for supplying refrigerant to the evaporating portion in heat exchange relation with the food compartment and for withdrawing refrigerant from the evaporating portion in heat exchange relation with the freezing compartment, means for maintaining a higher pressure within the evaporating portion in heat exchange relation with the food compartment than in the evaporating portion in heat exchange relation with the freezing compartment, means for controlling said refrigerant liquefying and condensing means, said last named means including means responsive to the temperature within said freezing compartment and another means responsive to the temperature within said food compartment, said temperature responsive means being arranged to be actuated independently of one another to start and/or stop operation of said refrigerant liquefying and condensing means, and one of said temperature responsive means being arranged to cause operation of said air circulating means simultaneously with the causing of operation of the refrigerant liquefying and condensing means thereby.

2,065,605
NEGOTIABLE INSTRUMENT SAFETY PAPER
Opha Moore, Columbus, Ohio
Application June 10, 1935, Serial No. 25,713
1 Claim. (Cl. 283—9)

A safety bank check paper composed of a soft and relatively porous fiber body, the upper surface of the check being tinted by having printed thereon a plurality of lines extending over substantially the full area of said upper surface, and a screen or grille composed of a plurality of closely spaced dots of a contrasting colored copying ink applied to the space on said check intended to carry the amount of money



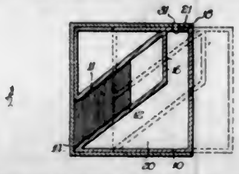
for which the check is drawn, said copying ink having the property when the fibers of the paper are disturbed as by rubbing to change the same to penetrate through the body of the paper so that the color of the ink will be readily discernible upon the reverse or under side of the check.

2,065,606
FISHLINE
William J. Moore, Chicago, Ill., assignor to Edward R. Goble, Chicago, Ill.
Application July 3, 1933, Serial No. 678,759
3 Claims. (Cl. 96—26)



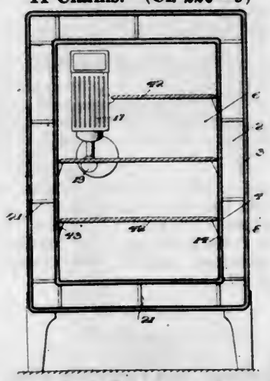
1. As a new article of manufacture, a colorless fish line adapted to have one of its ends connected to the reel of a fishing rod and its other end connected directly to a lure and take the place of a leader, and comprising a core in the form of a fine strip of colorless "Cellophane" type material and a sheath in the form of fine threads of colorless "Cellophane" type material braided around the core.

2,065,607
COMBINATION RAZOR BLADE CONTAINER AND DISPENSER
Louis Bond Morgan, Chicago, Ill., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill., a corporation of Illinois
Application October 23, 1935, Serial No. 46,260
8 Claims. (Cl. 206—16)



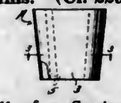
2. In a container of the type described a body portion substantially cubical in shape, a diagonally downwardly inclined article-holding chute within said container having an ejector slot at its lower end, a used article disposal chamber disposed within said container and separate from said chute, and a slot in said container leading to said disposal chamber.

2,065,608
HEAT INSULATING CABINET
Carl Georg Munters, Stockholm, Sweden, assignor to Aktiebolaget Termisk Isolation, Stockholm, Sweden, a corporation of Sweden
Application November 20, 1933, Serial No. 698,911
In Sweden November 25, 1932
11 Claims. (Cl. 220—9)



3. A cabinet including an outer casing and a liner assembled to form a self sustaining unit with spaced walls about the sides of said cabinet, the spaces between said walls opening toward one side of the cabinet, and said outer casing having an opening in its side toward which such spaces open, and an insulating unit constructed to be freely insertable into and removable from said cabinet and having wall portions projecting into the spaces between the walls at the sides of said cabinet.

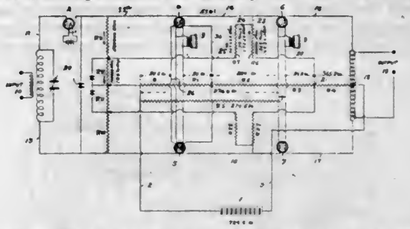
2,065,609
SIDE WALL FOR TRUNCATED CONICAL CONTAINER AND PROCESS OF MAKING THE SAME
John Olson, St. Paul, and Ralph E. Williamson, Minneapolis, Minn., assignors to Shep-Roid, Incorporated, St. Paul, Minn., a corporation of Delaware
Application May 31, 1935, Serial No. 24,328
3 Claims. (Cl. 229—4.5)



1. The side wall of a flaring paper receptacle of truncated, conical shape, consisting of a plurality of paper laminations, each having top and bottom edges formed along the radially spaced arcs of concentric circles and ends formed along radii taken from the common center of said circles, each lamination being glued to its neighbor and the end portions of each lamination overlapping through an arc substantially equal to 360° divided by the number of laminations used.

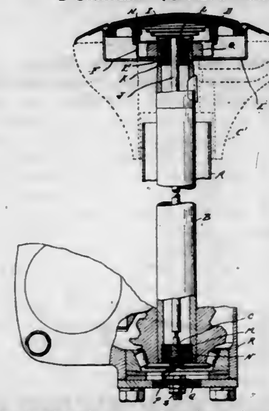
2,065,610
AMPLIFIER
Guy H. Paris, Duluth, Minn.
Application February 20, 1930, Serial No. 429,960
15 Claims. (Cl. 179—171)

13. In a direct coupled amplifier system, a plurality of resistors interconnected to form a bridge circuit, a thermionic tube having its plate connected to one corner of said bridge circuit, its cathode connected to an opposite corner of said bridge circuit, and its grid connected to one arm of said bridge circuit and adapted to control cur-



rents in said bridge circuit by means of the amplifying effect of said tube.

2,065,611
STEERING MECHANISM
Harper E. Pulleyblank, Detroit, Mich., assignor to Gemmer Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application April 25, 1934, Serial No. 722,395
4 Claims. (Cl. 173—324)

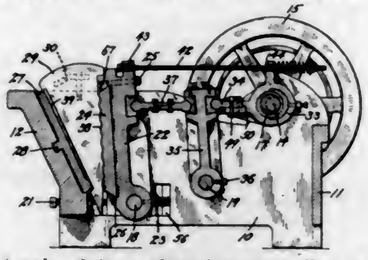


1. In a steering mechanism, including a tubular steering column, plugs for closing the upper and lower ends of said column centrally apertured, the aperture of the lower plug being of greater diameter, an insulated electrical conductor passing through said column and apertures in said plugs, a contact member electrically connected to the lower end of said conductor and having a threaded engagement with said plug to secure the same thereto and to seal the plug, a cap for embracing the upper end of said conductor and soldered thereto, said cap having a flange for supporting the same on said plug and a stationary contact at the lower end of said column resiliently pressed against the contact in said plug.

2,065,612
ROCK CRUSHER
John Rasmussen, Denver, Colo.
Application February 1, 1935, Serial No. 4,427
2 Claims. (Cl. 83—53)

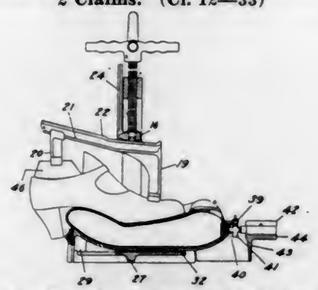
1. A rock crusher comprising a frame, a fixed jaw support carried by said frame, a drive shaft supported by said frame, a movable jaw member supported by said frame in coacting relation to said fixed jaw support, an eccentric on said drive shaft, an eccentric member riding on said eccentric, a pitman hinged at its lower extremity in and to said frame below said eccentric and ex-

tending upwardly for receiving the thrust from the eccentric member, a toggle plate extending from the upper extremity of said pitman to said movable jaw member, said pitman having a portion engaged between said eccentric member and



said toggle plate, and spring controlled means carried by the movable jaw member and the eccentric member for holding abutting portions of the movable jaw member, toggle member, pitman, and eccentric member in contact with each other.

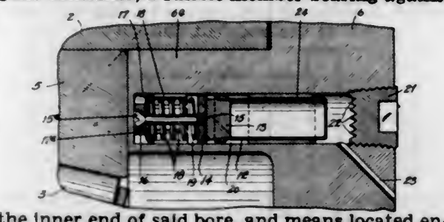
2,065,613
SHOE PRESS
Dominick Russo, Boston, Mass.
Application November 19, 1932, Serial No. 643,429
2 Claims. (Cl. 12—33)



2. In a pneumatic shoe press for fixing soles to shoes having a last holding the shoe and adapted to be forced downward to provide pressure between the sole and the shoe, a removable base comprising a pan element having a recessed central portion, means having a flat surface bordering said central portion and having downwardly extending webs forming an apron supporting the pan, a platform extending from the forward part of said pan and forming a gauge support, a pneumatic cushion positioned in said central portion, a covering positioned over said cushion and extending over said flat surface, and means positioned over said cover on the flat surface for fastening said cover in place, said gauge support being adapted to receive a pneumatic gauge.

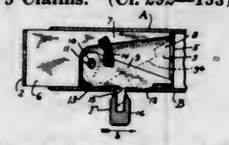
2,065,614
TELLTALE ROLLER BEARING CONSTRUCTION
William L. Scribner, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio
Application March 14, 1935, Serial No. 10,987
4 Claims. (Cl. 116—106)

1. In combination, a shaft, a housing therefor, a roller bearing interposed between said shaft and said housing, said housing having a bore therein terminating at its inner end adjacent to said roller bearing, a removable closure for the outer end of said bore, said housing having a passageway leading from said bore to the atmosphere, and a thermic telltale mounted in said bore and adapted to be operated by a predetermined temperature of said bearing, said telltale comprising a frangible container, a fusible member bearing against



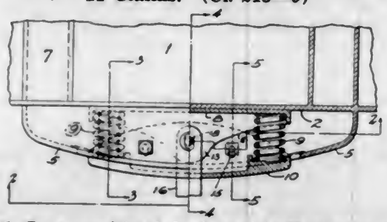
the inner end of said bore, and means located entirely between the bore engaging end face of said fusible member and said container and releasable by said fusible member for forcibly projecting said container against the closure for the outer end of said bore.

2,065,615
LOCK
Walter R. Schlage, San Francisco, Calif., assignor to Schlage Lock Company, San Francisco, Calif., a corporation of California
Application January 9, 1935, Serial No. 978
5 Claims. (Cl. 292—153)



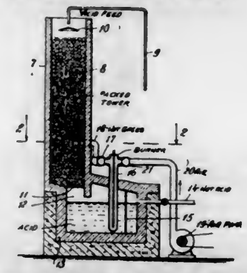
1. In a door lock structure of the character described, a latch bolt insertable through an opening formed in the edge of a door, a dogging member housed within the latch bolt and pivotally mounted therein, a pin carried by the dogging member and projecting through a slot formed in one face of the door, a pair of dogging shoulders formed on the dogging member, one on each side of the pin, a knob on the pin, and a spring engageable with the dogging member to project one or the other of the dogging shoulders into engagement with one end or the other of the slot to deadlock the latch bolt in retracted or projected position.

2,065,616
DRAFT AND BUFFING DEVICE
William M. Sheehan, Merion, Pa., assignor to General Steel Castings Corporation, Granite City, Ill., a corporation of Delaware
Application April 4, 1932, Serial No. 602,925
11 Claims. (Cl. 213—9)



11. In a combined draft and buffing gear for a car, the combination with a supporting member on the end of the car; of a yoke movable lengthwise of the car, said yoke having top and bottom arms; a buffing head enclosing said yoke arms, said head being slidably mounted on said supporting member; cushioning means yieldingly opposing relative movement of the yoke and buffing head; and means for connecting the yoke to a coupling link.

2,065,617
METHOD FOR THE RECOVERY OF SULPHURIC ACID
Howard W. Sheldon, Haddonfield, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
Application November 10, 1934, Serial No. 752,397
6 Claims. (Cl. 23—173)



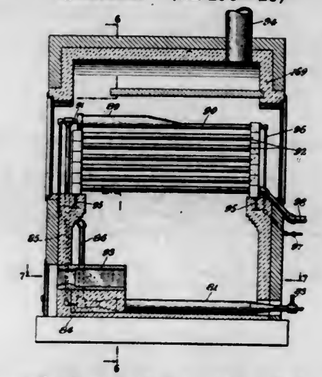
4. That method of decarbonization and further concentration of regenerated sludge acid of 500° F. to 540° F. boiling point, contaminated with carbon, which comprises the following steps: Continuously passing the acid in a flowing stream toward and into a quiescent pool, contacting the acid stream in a prior portion of its flow with tempered heating gases, heating only to a temperature at which the acid will still absorb SO_3 gas, contacting the stream in the remainder of its travel with gases containing SO_3, heating the pool to temperatures in excess of 600° F. while preventing contact of the acid therein with air and combustion gases, thereby to oxidize the carbonaceous impurities and further concentrate the acid to a strength in excess of 95%, continuously withdrawing clean concentrated acid from said pool, and passing only the gases generated from said pool in contact with the acid stream in its second stage.

2,065,618
METAL AND METHOD OF PRODUCING THE SAME
Charles Frederic Sherwood, Chicago, Ill., assignor, by direct and mesne assignments, of thirty-five per cent to John A. Dienner, Evanston, Ill., and sixty-five per cent to Hansen Rubber Products Company, a corporation of Delaware
Application December 28, 1933, Serial No. 704,283
13 Claims. (Cl. 75—22)



1. The method of forming a substantially pure iron of open porous structure which comprises dividing an oxide of iron into relatively fine particles, adding a slight amount of carbon, mixing with a binder, packing the mixture into a briquetted shape by a series of percussive blows, and firing the shape in the presence of a reducing agent to reduce the oxide.

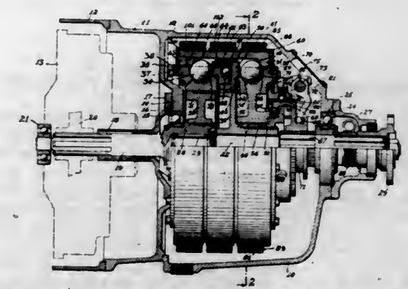
2,065,619
OIL PURIFICATION AND FRACTIONATION AND APPARATUS FOR SAME
Vincent G. Shinkle, New York, N. Y., assignor to Motol, Inc., New York, N. Y., a corporation of Delaware
Application February 14, 1931, Serial No. 515,667
12 Claims. (Cl. 196—16)



1. A method of treating used crank case oil comprising washing said oil with water, separating the oil from the water and from solid and liquid impurities, heating said oil by out-of-contact heat exchange with superheated steam, producing flash vaporization of said oil substantially without cracking by atomizing said oil in a current of steam which is at a substantially lower pressure than said superheated steam used in the heat exchange step to make a mixture of vaporized oil and steam, heating said mixture of oil vapor and steam by heat exchange with furnace gases to a temperature substantially above the temperature of said superheated steam used in the heat exchange step, and condensing oil fractions of said hot mixture of oil vapor and steam.

6. A method of vaporizing an oil comprising preheating said oil at high pressure and atomizing said preheated oil in a liquid state in a current of superheated steam into a retort, said oil being initially contacted with said steam in said retort while said steam is at a pressure not substantially above that maintained throughout said retort.

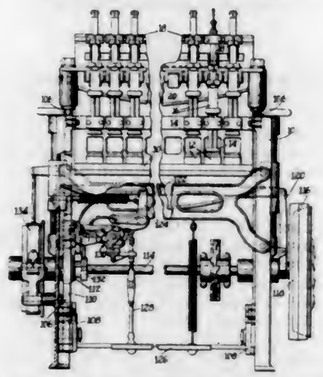
2,065,620
MULTISPEED POWER TRANSMITTING DEVICE
John J. Shively, Bronxville, N. Y.
Application May 9, 1934, Serial No. 724,667
6 Claims. (Cl. 74—263)



1. In a power transmitting device in combination, a driving member, a driven member,

means including two rows of driving balls, cages for said balls, an intermediate race engaging said balls and an outer race engaging said balls to transfer power from said driving to said driven member, said driving member, said transferring means and said driven member being adapted to normally revolve as a unit, and a plurality of brakes adapted to engage said transferring means whereby a plurality of predetermined speed reductions may be effected between said driving and driven members solely by individual actuation of said brakes.

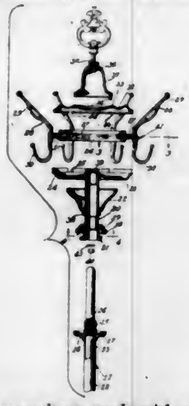
2,065,621
MACHINE FOR OPERATING UPON SHEET MATERIALS
Ralph C. Simmons, deceased, late of Beverly, Mass., by Elizabeth D. Simmons, executrix, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application February 1, 1935, Serial No. 4,556
8 Claims. (Cl. 164—23)



1. A machine for operating upon sheet material having a plurality of cutting devices each of which comprises a cutting die and a cooperating cutting block, means for mounting each of the cutting blocks for movements heightwise of the frame of the machine, manually controlled means for moving each of the blocks separately toward its cooperating die, a presser member mounted for reciprocation heightwise of the frame independently of the cutting blocks and dies, and means carried by the presser member for causing a power operation of a cutting block in response to movement of the manually controlled means.

2,065,622
COSTUMER
Carl H. Smith, Chicago, Ill.
Application June 24, 1935, Serial No. 28,125
2 Claims. (Cl. 211—177)

1. A costumer comprising a vertical supporting column including an upper end portion having a laterally projecting flange thereon; a sleeve removably mounted upon the said upper end portion of said column; a garment-supporting unit detachably arranged upon said sleeve and including a supporting ring; hooks attached to and formed integrally with said supporting ring; a plurality of clamping members arranged upon said sleeve upon opposite sides of said supporting ring and movable vertically relative to said supporting ring; and means, including a member slidably mounted upon said sleeve and detachably attached to said flange, for detachably attaching



said clamping members and said supporting ring together and upon said column.

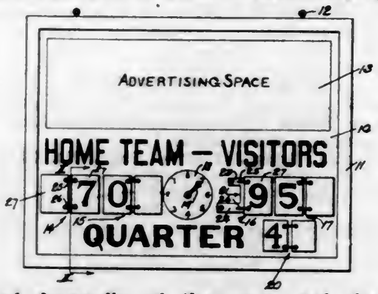
2,065,623
WEATHERPROOFING OF WALLS
Harry S. Smith, Mineola, N. Y.
Application January 25, 1935, Serial No. 3,387
7 Claims. (Cl. 72—127)



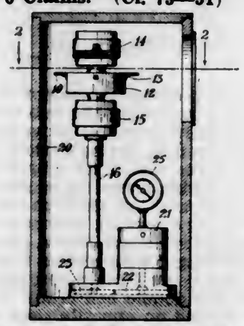
1. In a wall comprising a plurality of vertical courses of bricks, including header bricks, of a continuous moisture-proof membrane disposed and extending horizontally and vertically intermediate two of said courses and embracing the rear portion of the upper surface, the rear face and the rear portion of the lower surface of the header bricks, said membrane being separated by a clear space from the adjacent course which is toward the exterior of the wall and from the rear and under surface of the header bricks, drain ducts of inverted channel shape disposed on the forward portion of the header bricks and entirely forward of said membrane and having their channels extending from said space to the exterior of the wall, and air vents in said wall open at the exterior thereof and extending to said space.

2,065,624
SCOREBOARD
Frank Summers, Memphis, Tenn.
Application June 6, 1936, Serial No. 83,895
2 Claims. (Cl. 40—102)

1. A score indicator, including a book having a plurality of hingedly disposed plates, each said plates having a score indicating number on one face only, said book being disposed with said hinge in a substantially vertical position in one plane, with the lower end of said hinge positioned forwardly of the upper end thereof, whereby said plates will lie in a substantially stable position.

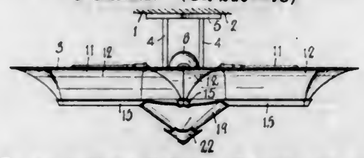


2,065,625
METHOD FOR TESTING LUBRICANTS
Elmer A. Sperry, Jr., Brooklyn, N. Y., assignor to Sperry Products, Inc., Brooklyn, N. Y., a corporation of New York
Application February 13, 1935, Serial No. 6,338
6 Claims. (Cl. 73—51)



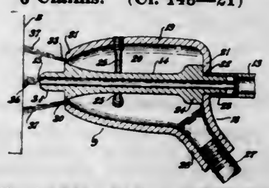
1. The method of determining the lubricating properties of a liquid which consists in applying the liquid to the face of a disk, rotating said disk, and weighing said disk before and after rotating.

2,065,626
LIGHTING FIXTURE
William A. Stone, Kalamazoo, Mich.
Application December 21, 1934, Serial No. 758,538
8 Claims. (Cl. 240—78)



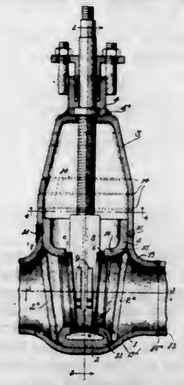
1. In an indirect lighting fixture, the combination of four hanger rods arranged to form a square and adapted to suspend the fixture from a ceiling, a central bracket connected to said hanger rods and having opposed upwardly and outwardly inclined arms, a central socket on said bracket opening upwardly, a central lamp in said socket, lateral sockets at the ends of said arms opening outwardly, lateral tubular lamps in said lateral sockets radiating from said central lamp in a horizontal plane, lateral reflectors of V-cross section disposed under said tubular lamps and connected at their inner ends to said central bracket, said lateral reflectors having bottom slots, trough-shaped reflectors suspended from said lateral reflectors below said slots for illuminating the outer sides of said lateral reflectors, a main reflector for said central lamp, a conical secondary central reflector hung below said central lamp for illuminating the outer sides of said main reflector and having a bottom aperture, and a conical tertiary central reflector suspended below said aperture for illuminating the outer side of said secondary central reflector.

2,065,627
PROCESS OF HEAT TREATING AND TORCH THEREFOR
Charles H. Taylor, North Canton, Ohio
Application March 13, 1933, Serial No. 660,525
6 Claims. (Cl. 148—21)



6. A method of hardening metal objects which comprises impinging a heating jet of high intensity upon the portion of the object to be heated, simultaneously impinging a quenching jet upon the object in the form of a sheath substantially surrounding and in close proximity to the impingement of the heating jet, and effecting relative and progressive movement between the jets as a unit and the object.

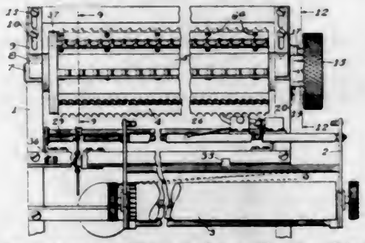
2,065,628
VALVE CONSTRUCTION
James Hall Taylor and Edward Hall Taylor, Oak Park, Ill.
Application February 29, 1932, Serial No. 595,688
5 Claims. (Cl. 251—155)



1. A gate valve construction having a flow passage therethrough and comprising a wrought metal body having tubular inlet and outlet extensions and an intermediate tubular extension for the valve movement, and a wrought metal valve seat member comprising a cup-like member having a pair of tubular portions extending inwardly toward each other and provided with

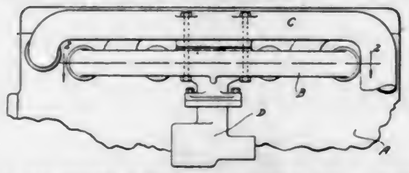
valve seats, the upper portion of said cup-like member fitting snugly in the intermediate extension and having an annular welded connection therewith, and having annular welded connections at its junctions with the valve body surrounding the flow passage.

2,065,629
TYPEWRITING MACHINE
Russell G. Thompson, Rochester, N. Y., assignor to Underwood Elliott Fisher Company, a corporation of Delaware
Application July 23, 1934, Serial No. 736,464
10 Claims. (Cl. 197—84)



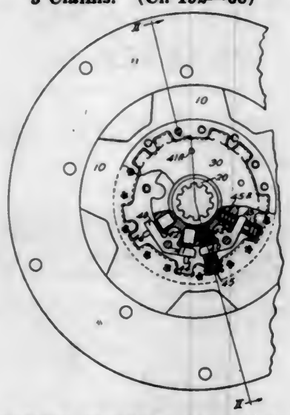
2. In a typewriting machine, the combination with a frame and a carriage movable thereon, of a holder rotatably mounted on the frame, independent escapement racks demountably supported on the holder, means for adjusting said holder to bring any selected rack into operative relation with the carriage, said rack being stationary when the carriage is operating, an escapement pawl-device mounted on the carriage and cooperating with said selected rack, and holder-retaining means adapted for quickly releasing the holder to permit its removal preparatory to quick substitution of another holder having racks different from said first racks.

2,065,630
ENGINE
Harold H. Timian and Enos R. Jacoby, Detroit, Mich., assignors to Continental Motors Corporation, Detroit, Mich., a corporation of Virginia
Application August 9, 1933, Serial No. 684,298
4 Claims. (Cl. 123—52)



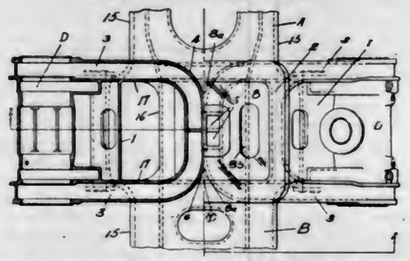
1. An intake manifold structure for a multi-cylinder in line internal combustion engine including a primary fuel mixture conducting portion, a lateral fuel mixture conducting portion communicating with said primary conducting portion, said lateral conducting portion extending longitudinally of the engine and having end and intermediate outlet openings, and port runners connecting said outlet openings with the engine cylinders, said port runners being substantially rectangular in cross-section, and having different cross-sectional areas at a point intermediate the lateral conducting portion and the port runner outlet, the cross-sectional area of an intermediate port runner being less than the cross-sectional area of the end port runner at said point the port runners being substantially rectangular in cross-section in advance of said point and merging into a substantially circular outlet beyond said point.

2,065,631
CLUTCH CONSTRUCTION
Elmer V. J. Tower, Lansing, Mich., assignor to Motor Wheel Corporation, Lansing, Mich., a corporation of Michigan
Application August 9, 1934, Serial No. 739,057
5 Claims. (Cl. 192—68)



1. A vibration dampener comprising a hub, a disk element mounted on the hub with provision permitting relative angular movement between the hub and the disk, spring devices between the disk and hub for absorbing vibrations between the two, and spring operating members for connecting the disk and hub through said spring devices, said spring operating members being in the form of double bell crank levers, said spring devices being arranged with respect to said levers in pairs, one pair being located on opposite sides of one end of said double bell crank lever and the other pair located on opposite sides of the other end of the bell crank lever whereby said four springs absorb the vibrations between the disk and the hub in either direction of rotation.

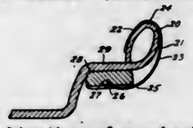
2,065,632
LOCOMOTIVE STRUCTURE
James C. Travilla, Jr., Philadelphia, Pa., assignor to Granite Steel Castings Corporation, Granite City, Ill., a corporation of Delaware
Application January 9, 1933, Serial No. 650,836
5 Claims. (Cl. 105—44)



4. A locomotive cylinder saddle integral structure including a base part, steam chest elements at the sides thereof, a boiler support in-

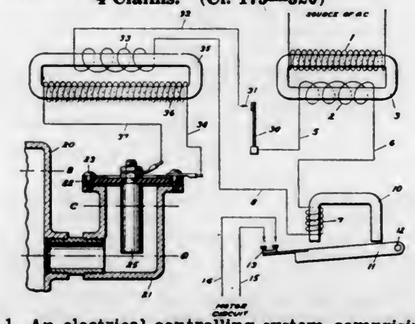
cluding longitudinal and transverse walls, and main exhaust passages extending inwardly from said elements and having longitudinally curved portions merging in an exhaust outlet, a section of said transverse wall being coextensive with a wall of each of said passages from side to side of the structure and said section being indented to conform with the curved portions of said passages.

2,065,633
WHEEL BALANCING DEVICE
Andrew S. Van Halteren, Lansing, Mich., assignor to Motor Wheel Corporation, Lansing, Mich., a corporation of Michigan
Application May 17, 1934, Serial No. 726,073
6 Claims. (Cl. 301—5)



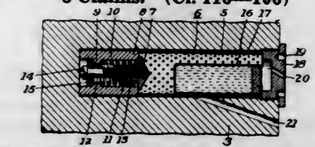
1. The combination of a wheel rim provided with a cove, a weight having a face of a configuration substantially corresponding to the cove and arranged within the confines thereof, a depression providing a seat in one side of the weight, and a resilient ring member of substantially U-shape having a portion adapted to engage one side of the rim and encircle the edge thereof and a portion arranged in spaced relation to the rim and weight and terminating in a projection engaging the seat in the weight to hold the latter in a fixed relation to the rim.

2,065,634
ELECTRICAL RELAY SYSTEM
Charles F. Warrick, Detroit, Mich.
Application November 30, 1934, Serial No. 755,395
4 Claims. (Cl. 175—320)



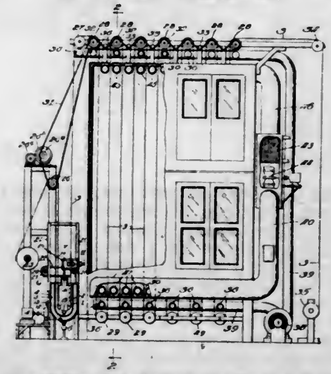
1. An electrical controlling system comprising, a transformer having its primary coil connected to a source of alternating current and having a secondary coil, a secondary circuit, a relay in the secondary circuit having a movable armature, a control circuit opened and closed by armature movements, a thermostat in the secondary circuit for opening and closing the same, a second transformer having its primary coil in said secondary circuit, and having a secondary coil, a circuit for the secondary coil of the second transformer, in combination with a container for water, electrode means in the secondary circuit of the second transformer projecting into water at high level and lying above the water at low level, whereby at high water level operation of the thermostat causes the relay to open and close the controlling circuit, and whereby at low water level the primary coil of the second transformer chokes the secondary circuit of the first transformer so that the current therein when said circuit is closed is insufficient to actuate the armature of the relay and the controlling circuit is open.

2,065,635
SIGNALING DEVICE
Carl R. Weinert, Pittsburgh, Pa., assignor, by mesne assignments, to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio
Application December 29, 1934, Serial No. 759,699
8 Claims. (Cl. 116—106)



7. In combination, a bearing, a housing therefor provided adjacent to said bearing with a bore in communication with the atmosphere, and a telltale comprising a container mounted in said bore, and means mounted in said bore exteriorly of the container therein for rupturing said container at a predetermined temperature of said bearing.

2,065,636
APPARATUS FOR TREATING OR IMPREGNATING PAPER
Allen D. Whipple and Cortland W. Davis, Alexandria, Ind., assignors to The Mantle Lamp Company of America, Chicago, Ill., a corporation of Illinois
Application March 4, 1931, Serial No. 520,118
22 Claims. (Cl. 91—55)

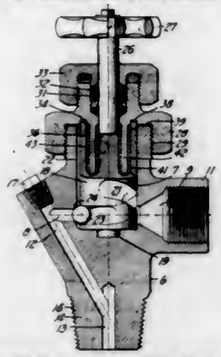


1. A machine for impregnating and treating sheet material, including means for impregnating a sheet of material with desired polymerizable fluent substance, an oven through which the impregnated sheet may pass, rolls for guiding said sheet as it passes through said oven, and air-supplying means disposed adjacent each roll for cooling said sheet to thereby relieve the uncured substance of its stickiness and prevent it from adhering to said rolls.

2,065,637
VALVE
Benjamin F. Williams, San Francisco, Calif., assignor to Wil-Bro Corporation, San Francisco, Calif., a corporation of California
Application March 28, 1933, Serial No. 663,105
8 Claims. (Cl. 251—40)

6. A valve comprising a casing having a passageway therethrough and having a cylindrical

bore therein, a cylindrical rotor in said bore for controlling the opening and closing of said passageway, a stem on said rotor, an annular flange on said rotor spaced from said stem to provide a



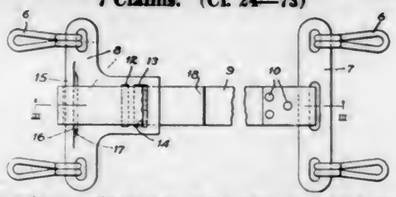
cavity therebetween, a cap on said casing, said cap having a groove to receive said flange, a baffle on said cap projecting into but spaced from the walls of said cavity, and viscous sealing material in said cavity.

2,065,638

BUCKLE DEVICE

Gustave K. Blum, York, Pa., assignor to The McKay Company, Pittsburgh, Pa., a corporation of Pennsylvania

Application June 6, 1935, Serial No. 25,255
7 Claims. (Cl. 24—73)



1. The combination with two members to be connected, of a strap secured to one of said members, the other member serving also as a buckle plate and provided with a slot adjacent to each end thereof and an intermediate slot, all arranged to permit the free end of the strap to be passed outwardly through the intermediate slot, thence through the slot which is remote from the said one member and, when bent back upon itself, to be passed inwardly through the third slot, in position to overlie the body portion of the strap.

2,065,639

AZO-DYESTUFFS

Gérald Bonhôte, Basel, and Carl Apotheker, Riehen, Switzerland, assignors to Society of Chemical Industry in Basle, Basel, Switzerland

No Drawing. Application May 20, 1936, Serial No. 80,907. In Switzerland May 22, 1935
11 Claims. (Cl. 260—84)

1. The dyestuffs of the general formula—

$$R_1—N=N—R_2—N=N—R_3$$

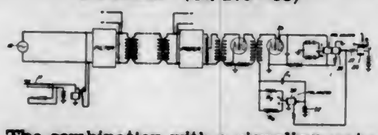
wherein R_1 and R_2 stand for aromatic nuclei selected from the group of the aromatic nuclei of the benzene and naphthalene series, R_3 stands for the radical of a coupling component which couples due to the presence of an OH-group, and wherein the aromatic nucleus R_2 carries an O—R_4-group in ortho-position to the group —N=N—R_3, R_4 representing an etherified hydroxy-alkyl radical, which products are dark powders dissolving in sulfuric acid to yellow to red, to violet and green solutions, and in pyridine to yellow to red, to violet and blue solutions, which dyestuffs when produced on the fiber dye the same fast orange to brown, to garnet, to violet and black tints.

2,065,640

CARRIER TELEGRAPH RECEIVER

Carl Anders Borgeson, East Orange, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York

Application March 6, 1936, Serial No. 67,549
6 Claims. (Cl. 178—88)



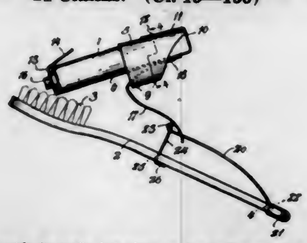
1. The combination with a signaling system in which the strength of the received signals is variable, of a three-element discharge tube receiver, a relay controlled thereby, a grid condenser, a resistance adapted to be connected in shunt to the condenser by said relay during reception of signal energy to build up a voltage on said condenser, and another resistance connected to a contact of said relay such that it is connected in shunt of said condenser during intervals of no received signal energy.

2,065,641

TOOTH BRUSH AND TOOTH PASTE HOLDER

Frank M. Bouchard, St. Elmo, Ala.

Application October 9, 1935, Serial No. 44,299
11 Claims. (Cl. 15—135)



1. A tooth brush having a handle and a brushing head carried by the forward portion thereof and a holder for a paste container shiftable longitudinally of the handle and adapted to permit tilting of the container when shifted being connected to the handle by means of a tongue, having a small hole therein to fit a metal strip fastened to the handle and parallel thereto, whereby the container may be disposed at an incline over the brushing head and contents of the container deposited upon the brushing head.

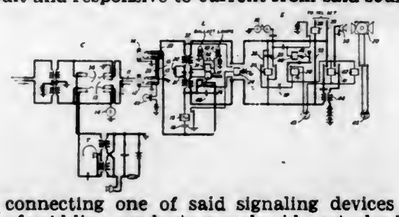
2,065,642

COMBINED TELEPHONE AND FIRE DISPATCH SYSTEM

Raymond C. Bradford, Hamden, Conn., assignor to American Telephone and Telegraph Company, a corporation of New York

Application February 1, 1935, Serial No. 4,549
10 Claims. (Cl. 179—5)

1. In a telephone system, a central office, a plurality of signaling devices located at a remote point, a control relay for one of said signaling devices, a line circuit interconnecting said central office and said remote point, a source of signaling current at said central office, means at said central office for establishing a signaling circuit including both of the line conductors of said circuit and for transmitting current from said source thereover, and means included in said signaling circuit and responsive to current from said source



for connecting one of said signaling devices to one of said line conductors and said control relay to the other of said line conductors whereupon said signaling device responds to current from said source by way of one of said line conductors and said control relay is effectively shunted.

2,065,643

METHOD AND APPARATUS FOR TREATING CLAYS

David G. Brandt, Westfield, N. J., assignor to Doherty Research Company, New York, N. Y., a corporation of Delaware

No Drawing. Application March 17, 1934, Serial No. 716,056
6 Claims. (Cl. 252—2)

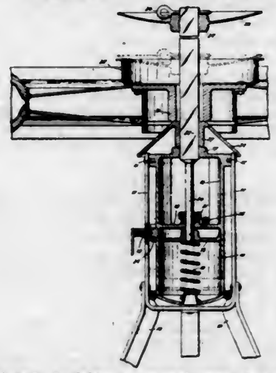
1. The process of revivifying and reactivating used solid inorganic refining agents, which comprises passing a rapidly flowing stream of carrier gas through a heating zone in contact with an extensive heating surface, introducing into said stream entering said zone a stream of the finely divided agent to be revivified whereby said agent is passed with said gas through said heating zone, adding oxygen to said gas in said zone at a plurality of points to control the oxidation and revivification of the agent passing therethrough, discharging the stream of gas and agent into a separating zone in which the agent is precipitated from the gas, and returning a part of the gas to the reaction zone as a carrier medium for the agent being conducted thereto.

2,065,644

WHEEL HOLDER

Cyrus J. Bristol, Des Moines, Iowa, assignor to Globe Machinery & Supply Company, Des Moines, Iowa, a corporation of Iowa

Application January 10, 1935, Serial No. 1,161
5 Claims. (Cl. 144—288)



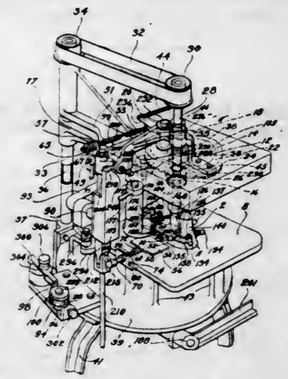
1. A wheel holder comprising a supporting frame, a cylinder pivotally mounted in the frame to swing from a substantially upright position to a position considerably inclined from the upright position, means for securing the cylinder in either of said positions, a piston in the cylinder, a piston rod projected upwardly beyond the cylinder, a wheel holding member at the upper end of the piston, a coacting wheel holding member at the top of the cylinder, and means for admitting and discharging fluid pressure to and from the cylinder.

2,065,645

HEEL CONCAVING MACHINE

Walter C. Brooks, Groveland, and John W. Staples, Haverhill, Mass., assignors to Pope Machinery Corporation, Haverhill, Mass., a corporation of Massachusetts

Application October 7, 1929, Serial No. 397,918
19 Claims. (Cl. 12—46)



1. A machine for concaving heels having, in combination, a pattern having an edge contour a part of which corresponds substantially to the edge contour of the seat of a heel, means for actuating the pattern, a guide, means for causing the edge contour of the pattern to follow the guide during the actuation of the pattern, means for causing the heel to be moved with the pattern, and a concaving cutter situated adjacent to the path of movement of the edge contour of the seat of the heel and adapted to produce a concaving cut in the seat of the heel during the movement of the heel.

2,065,646

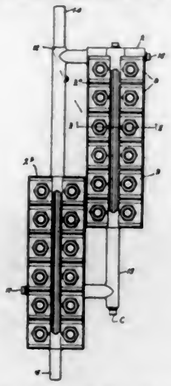
HIGH PRESSURE LIQUID LEVEL GAUGE

John Rowland Brown, Cleveland Heights, Ohio, assignor to The Reliance Gauge Column Company, Cleveland, Ohio, a corporation of Ohio

Application February 8, 1933, Serial No. 655,700
4 Claims. (Cl. 73—54)

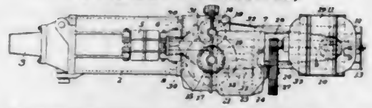
1. A liquid-level gauge for high pressures comprising sight slot-chambers in parallel simultaneously visible relation, one extending higher than the other to provide complementary indications of liquid level, transparent covers on said slot chambers, a conduit extending upward from the upper portion of the lower slot-chamber and

in alignment therewith, a connection from said conduit to the upper portion of said upper slot-



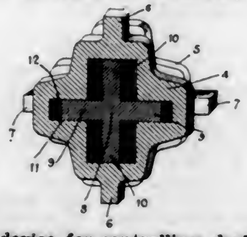
chamber, and an angular connection between the lower portions of said slot-chambers.

2,065,647
MUD GUN
Edgar E. Brosius, Pittsburgh, Pa.
Application May 29, 1934, Serial No. 728,083
6 Claims. (Cl. 266—42)



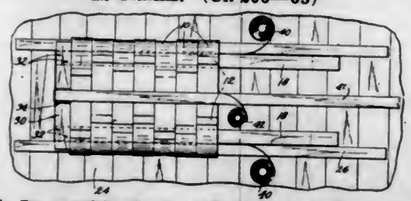
1. A mud gun comprising a barrel, a piston operable in the barrel, a drum and cable mechanism for moving the piston in one direction, a second drum and cable system for moving the piston in the opposite direction, the two systems being symmetrically arranged with one of the drums on one side of the longitudinal axis of the barrel and the other on the other side of the longitudinal axis of the barrel, and a common driving means for both systems.

2,065,648
CONTROLLING DEVICE FOR ROTATING SHAFTS
Paul Rime-Bruneau, Paris, France, assignor to the firm Societe D'Exploitation Des Procedes Dabeg, Paris, France
Application November 3, 1934, Serial No. 751,389
In France November 7, 1933
3 Claims. (Cl. 64—31)



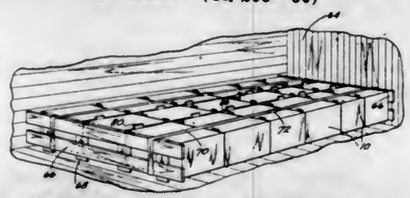
1. In a device for controlling shafts subjected to oscillations of level or displacements, the combination of a controlled axle or shaft having a cross shaped cross section receiving two movable cages displaced relatively to each other of 90°.

2,065,649
METHOD AND MEANS FOR PACKAGING COILS
Earl I. Burke, Warren, Ohio, assignor to Republic Steel Corporation, Youngstown, Ohio, a corporation of New Jersey
Application December 16, 1933, Serial No. 702,705
12 Claims. (Cl. 206—65)



1. In combination, a flat rectangular cradle formed of wooden members about 4" x 4" in cross section, a plurality of coils of sheet metal positioned in transverse vertical relation on the cradle so that the coils are in end to end contact, posts at each end of the aligned coils and extending from the cradle to approximately the top of the end coils and having portions thereof fitting within the end coils, a flexible steel band extending longitudinally below the cradle and up around the end posts and longitudinally over the top of the aligned coils and securing the cradle, coils and posts together, a flexible steel band surrounding the cradle and preventing the same from horizontal spreading and means for guiding the cradle on a support.

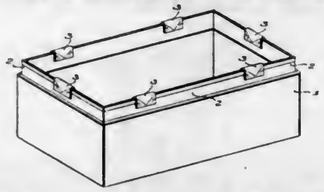
2,065,650
SHIPPING UNIT
Earl I. Burke, Warren, Ohio, assignor to Republic Steel Corporation, Youngstown, Ohio, a corporation of New Jersey
Application December 16, 1933, Serial No. 702,707
3 Claims. (Cl. 206—60)



1. A shipping unit comprising a plurality of packages having sled runners and positioned in a plurality of parallel rows with the sled runners of the packages aligned and extending longitudinally of the unit, bulkheads at the ends of the rows of packages, longitudinally extending, flexible tensioned means binding the bulkheads and the packages together for movement as a unit, said binding means engaging the outer sides of sled runners on the outermost rows of packages to prevent lateral displacement of any package relative to other packages and to the bulkheads.

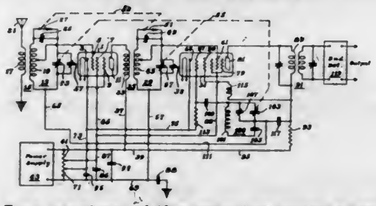
2,065,651
NOISE SUPPRESSION DEVICE FOR AUTOMOBILE RADIO RECEIVERS
Euclid O. Burton, Philadelphia, Pa., assignor to Philco Radio & Television Corporation, Philadelphia, Pa., a corporation of Delaware
Application December 2, 1935, Serial No. 52,614
In Great Britain December 3, 1934
8 Claims. (Cl. 250—16)

1. Means for insuring tight fit and good electrical contact between a radio receiver casing and a cover therefor, comprising a plurality of clips each formed of resilient material and adapted to fit over the edge of said casing, each of said clips having a spring portion disposed adjacent
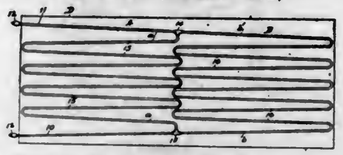


the edge portion of the casing when the clip is in place, said spring portion being engageable by said cover when the latter is placed upon said casing.

2,065,652
RADIO RECEIVER
Wendell L. Carlson, Haddonfield, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application August 15, 1933, Serial No. 685,196
16 Claims. (Cl. 250—20)



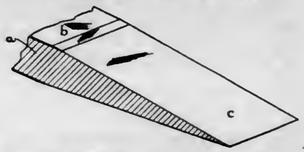
1. In a receiver of the superheterodyne type, a detector, an oscillator including means for producing oscillations having a selected frequency and a harmonic frequency thereof, said oscillator being coupled to said detector, a selecting circuit coupled to said detector, said circuit comprising an inductance coil, a variable tuning condenser and a second condenser of relatively low capacity value connected in series across said coil, and means for short-circuiting said second condenser, said selecting circuit being so adjusted with respect to said oscillator that the signal selected when said second condenser is short-circuited combines in said detector with said selected frequency oscillation to produce a signal at a predetermined intermediate frequency, and that the signal selected when said smaller condenser is in circuit combines in said detector with said harmonic frequency oscillation to produce a signal at said same intermediate frequency.

2,065,653
SOLAR WATER HEATER
Henry M. Carruthers, Miami, Fla.
Application April 28, 1934, Serial No. 722,986
4 Claims. (Cl. 126—271)



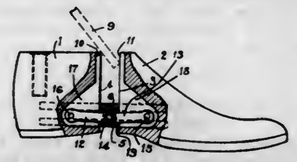
1. A heat exchanger for solar heaters comprising two water heating tubes, each tube embodying a plurality of continuous, unbroken zig-zag convolutions all lying in the same common plane, and each provided with an inlet end and an outlet end, portions of the convolutions of one coil being extended into positions which overlap and lie between convolutions of the other coil, a common connection between said inlet ends, a common connection between the outlet ends, said outlet ends being higher than the inlet ends, a supply pipe connected with both coils at the common connection between said coils, said supply pipe being arranged in alignment with the first convolution of one of said coils, and a discharge pipe connected with said coils at the common connection between them, said discharge pipe being arranged in alignment with the last convolution of one of said coils.

2,065,654
SAFETY RAZOR BLADE AND THE LIKE AND THE PRODUCTION THEREOF
Arnold James Claisse, London, England, assignor to Gillette Safety Razor Company, Boston, Mass., a corporation of Delaware
Application November 25, 1935, Serial No. 51,489
In Great Britain May 23, 1935
6 Claims. (Cl. 30—91)



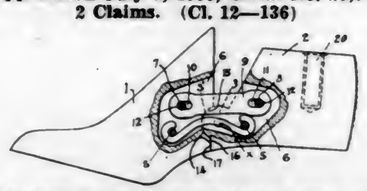
1. Process for the production of safety razor blades or the like with good stainless and corrosion resisting properties throughout, which comprises outlining individual blanks in blade stock of "stainless" cutlery steel in strip form, providing said strip with a thin surface coating of nickel, hardening said coated strip in a reducing atmosphere protecting the nickel against tarnishing and/or discolouration and/or oxidation, tempering the coated strip, and subsequently sharpening the individual blanks preparatory to severing them from the strip.

2,065,655
SHOE LAST
George Clausing, Portsmouth, Ohio, assignor to Vulcan Corporation, Portsmouth, Ohio
Application July 3, 1935, Serial No. 29,705
3 Claims. (Cl. 12—135)



1. A longitudinally expansible shoe last comprising a relatively movable fore and heel part, means connecting said parts and acting to guide their relative movements in a straight line extending longitudinally of the last, toggle means extending between said last parts, said toggle means moving, upon the application of a last expanding force, from an angular position when the last is contracted into a dead center position and slightly beyond when the last is completely expanded, and a stop engaged by said toggle when in its beyond center position thereby to lock the last expanded.

2,065,656
SHOE LAST
George Clausing, Portsmouth, Ohio, assignor to Vulcan Corporation, Portsmouth, Ohio
Application July 5, 1935, Serial No. 29,779
2 Claims. (Cl. 12—136)



1. A shoe last comprising a fore part, a heel part, a hinge between said parts to permit expansion and contraction of the last, a spring member at said hinge tensioned to produce compression at the joint of said hinge and operable to snap said fore and heel parts into their contracted and expanded relative positions, a pair of pins rigidly secured respectively in the heel and fore parts of the last a substantial distance above the axis of said hinge, a rigid stop link having apertures in its ends within which the pins are received said apertures permitting shortening of the last and being so spaced apart with respect to the pins as to limit the rotation of the hinge beyond its normal position when the last is expanded.

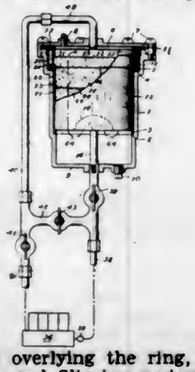
2,065,657
WATCH ADAPTER
Edmund A. Coleman, New York, N. Y.
Application January 2, 1935, Serial No. 78
2 Claims. (Cl. 63—2)



1. In combination with a wrist watch having longitudinally yielding pintles journaled in bearings provided at the sides of the watch case, a coupling member having a gudgeon integrally secured therewith, said gudgeon being disposed about one of said pintles and having a lip extending outwardly and parallel to the adjacent side of the case and thereby firmly positioning the coupling member with respect to the case, and a pendant member similarly attached to the opposite side of the case, said coupling member and pendant thus transforming said watch from a wrist type into a pocket type.

2,065,658
OIL FILTER
Charles A. Compton, Menlo Park, Calif.
Application September 17, 1934, Serial No. 744,433
5 Claims. (Cl. 210—140)

1. An automobile oil filter comprising a casing having a cylindrical wall and a closed bottom, a portion of the wall extending from the bottom being of a smaller diameter than the remainder of the wall and forming an outwardly extending shoulder at the juncture of the two portions, a screen supported by the shoulder, an oil inlet pipe extending upwardly through the casing bottom and screen and terminating a short distance above the screen, an oil deflector secured to the top of the screen and covering the inlet pipe, an oil deflecting ring abutting the inner surface of the wall and resting on the screen, said deflecting ring having an inwardly curved upper edge for directing the oil flow toward the casing center, filtering material placed in the



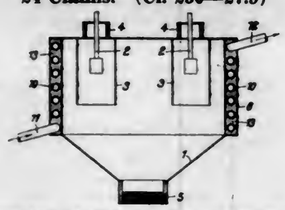
ring, a screen overlying the ring, a second oil deflecting ring and filtering material placed on the last named screen, and an oil outlet extending from the casing top.

2,065,659
FASTENING METHOD AND MEANS
Arthur V. Cullen, Jamaica Plain, Mass.
Application August 4, 1934, Serial No. 738,421
9 Claims. (Cl. 27—1)



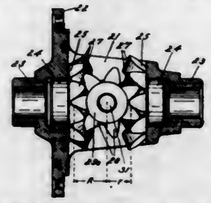
1. The method of securing the jaws of a human corpse in closed position which involves the employment of fastening means in the form of tacks having looped ends of strands secured to their head portons, said method comprising driving the tacks into the bony structure of the upper and lower jaws respectively above and below the upper and lower teeth, securing the strands to each other to hold the jaws closed, and arranging the strands in concealed position behind the lips of the corpse.

2,065,660
LIQUID COOLED VACUUM VESSEL
Walter Dällenbach, Berlin, Germany
Application July 9, 1932, Serial No. 621,603
In Germany July 13, 1931
24 Claims. (Cl. 250—27.5)



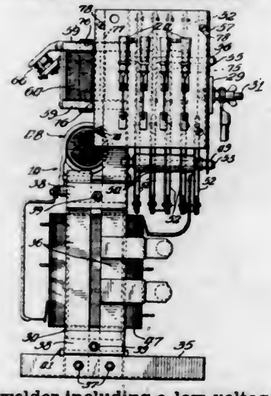
1. A current rectifier apparatus comprising a metal vacuum vessel made up of several parts, anodes and a cathode therein, the parts making up said vacuum vessel being free from gases by reason of having been heated to high temperatures, a cooling chamber surrounding said vacuum vessel, and a cooling liquid in said cooling chamber, said cooling liquid being substantially free from hydrogen ions whereby the hydrogen gas entering the vacuum vessel through the cooling chamber walls is substantially zero and the rectifier is thus adapted to be driven continuously pumpless.

2,065,661
BEVEL GEAR DIFFERENTIAL MECHANISM
Charles C. Davis, Detroit, Mich., assignor to The Timken-Detroit Axle Company, Detroit, Mich., a corporation of Ohio
Original application August 25, 1931, Serial No. 559,273. Divided and this application October 26, 1934, Serial No. 750,189
3 Claims. (Cl. 74—315)



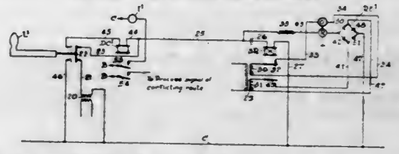
1. A differential mechanism comprising a rotatable housing; a pair of bevel side gears journaled for rotation in said housing; and a number of bevel pinions rotatable with said housing and with relation to said side gears disposed in like manner between said side gears, said side gears having a number of teeth divisible by the number of pinions and said pinions each having an odd number of teeth; the teeth of said pinions and said gears being shaped to contact at points which shift alternately along substantial sections of the tooth profiles so that, as said pinions rotate with relation to said side gears, periodic and alternate variations in the power applied to said side gears occur.

2,065,662
WELDING APPARATUS
Albert F. De Viney, Berwyn, Ill.
Application April 18, 1932, Serial No. 605,975
2 Claims. (Cl. 219—8)



2. In a welder including a low voltage, low frequency source of welding energy and a high frequency, high voltage source of energy, a chassis comprising a supporting base, a pair of upstanding frame members providing mounting means for a portion of said high frequency, high voltage source of energy, and another pair of upstanding frame members adjacent the first said members and extending outwardly beyond said mounting means for carrying portions of said welder likely to be heated in the use thereof to temperatures excessive for other portions of said welder.

2,065,663
LIGHT SIGNAL SYSTEM FOR RAILROADS
Oscar H. Dicke, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.
Application August 16, 1929, Serial No. 386,300
13 Claims. (Cl. 246—135)



1. A light signal system for railroads comprising; a distant light signal including an incandescent lamp; a rectifier unit separate from said lamp and connected in series with said lamp; a local lever; a local direct current relay; a source of alternating current; a circuit including said lamp, said rectifier, said lever, said relay and said source of alternating current in series closed if said lever assumes a particular position; and indicating means controlled by said direct current relay.

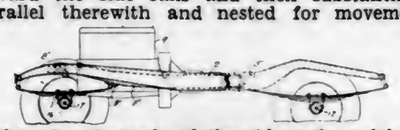
2,065,664
MANUFACTURE OF ARTICLES FROM CELLULOSE ESTERS OR ETHERS
William Alexander Dickie and Percy Frederick Combe Sowter, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application March 19, 1931, Serial No. 523,929. In Great Britain May 21, 1930
8 Claims. (Cl. 18—54)

1. Process for the manufacture of filaments, threads, yarns, ribbons, films, sheets and other shaped products, which comprises extruding, at an elevated temperature, into a cool gaseous atmosphere, a composition comprising an organic derivative of cellulose dissolved in a polyhydric alcohol which is a solvent for the cellulose derivative at elevated temperatures only and which is substantially incompatible with the cellulose derivative at ordinary temperatures and which is substantially non-volatile at the temperature of extrusion, the extruded composition being cooled by said atmosphere, whereby substantially complete separation of the cellulose derivative from the polyhydric alcohol is effected.

2,065,665
AUTOMOBILE ENGINE MOUNTING AND SPRING SUSPENSION
Neff T. Dietrich, Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio, a corporation of Ohio
Application September 24, 1930, Serial No. 484,001
5 Claims. (Cl. 180—64)

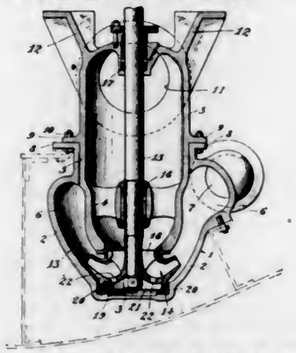
1. In a motor vehicle, a main frame including channeled side rails, an engine, an engine supporting supplemental frame including a pair of side members connected at their forward ends to the forward end of the main frame,

said side members extending longitudinally of the side rails and engine rearwardly of the main frame, said side members being bent outwardly toward the side rails and then substantially parallel therewith and nested for movement



within the channels of the side rails and having their rear ends secured to the main frame, and front axle springs connected at one end to the supplemental frame and at their other end to the main frame.

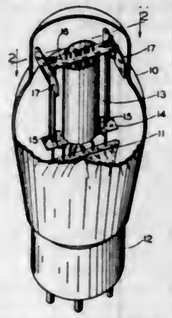
2,065,666
PUMP
Oscar H. Dorer, East Orange, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y., a corporation of Virginia
Application September 27, 1934, Serial No. 745,667
5 Claims. (Cl. 103—103)



1. In a centrifugal pump, a casing composed of a bowl-like member having its open end terminating in a cylindrical portion, and an inlet extension fitting in said cylindrical portion and having its upper end closed, an inlet connection at the upper end of said inlet extension, a projection formed on said inlet extension and extending into the bowl-like member, the outer surface of said projection cooperating with the inner surface of the bowl-like member to form an upwardly and outwardly inclining annular passage terminating in a discharge volute, an impeller in said bowl-like member adjacent the bottom thereof and having its inlet communicating with the interior of said inlet extension and its discharge opening into said passage.

2,065,667
MOUNT FOR ELECTRON DISCHARGE DEVICES
Karl Dreyer, Weehawken, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application December 1, 1933, Serial No. 700,453
3 Claims. (Cl. 250—27.5)

1. An electron discharge device provided with an envelope having a tubular portion, a mount comprising an electrode assembly within said envelope and extending within said tubular portion, supporting members secured to said electrode assembly and provided with a grooved portion, and sheet mica springs engaged intermediate their ends by the grooved portion of said members and set perpendicularly to the transverse axis of the tubular portion of said envelope with their ends in engagement with the walls of

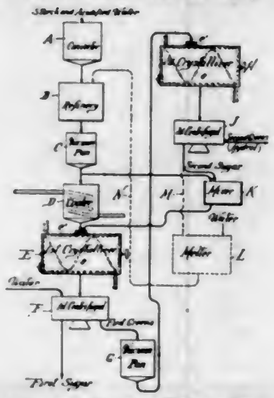


said tubular portion to resiliently and accurately position the mount within the tubular portion of said envelope.

2,065,668
MANUFACTURE AND TREATMENT OF FILAMENTS AND THE LIKE
Henry Dreyfus, London, England
No Drawing. Application January 11, 1933, Serial No. 651,233. In Great Britain January 29, 1932
12 Claims. (Cl. 18—54)

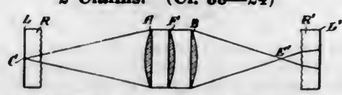
1. Process for the manufacture of strong filaments, threads, yarns, ribbons and like materials, which comprises treating such materials having a base of organic derivative of cellulose and containing an additional substance which is not a solvent for the base of the materials and which is readily removable therefrom, so as to remove said substance, at least in part, and replace it by a softening liquid, and stretching the materials in the softened condition.

2,065,669
METHOD OF CRYSTALLIZING DEXTROSE
Charles Ebert, Leonia, N. J., and William B. Newkirk, Western Springs, Ill., assignors to International Patents Development Company, Wilmington, Del., a corporation of Delaware
Application April 17, 1935, Serial No. 16,766
6 Claims. (Cl. 127—60)



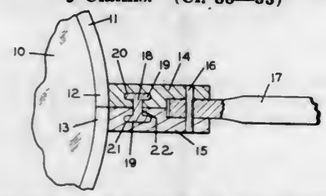
3. The process of crystallizing dextrose from a starch converted dextrose solution by the method of crystallization in motion with temperature reduction, which comprises: crystallizing the solution and purging the massecuite of its mother liquor; mixing a part of the purged crystals while in the massecuite state with unspent solution; and using the mixture for providing solid phase for a subsequent crystallization.

2,065,670
PRINTING LENTICULAR FILM
John Eggert, Leipzig-Gohlis, and Gerd Heymer, Wolfen Kreis Bitterfeld, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
Application February 27, 1934, Serial No. 713,184
In Germany February 28, 1933
2 Claims. (Cl. 88—24)



1. In an apparatus for optically printing a lenticular film on another lenticular film, in combination, an original lenticular film, a lenticular printing film spaced apart from and parallel to said original film with its lenticular elements parallel to those of the original film, an objective comprising two spaced components for projecting the original onto the printing film, a transparent member located between said components having a cylindrical surface inserted in the beam of the light rays between said lenticular films with its axis parallel to the lenticular elements, said cylindrical surface extending at least substantially across the columnated beam and serving to extend a point on the original film to the breadth of a lenticular element on the printing film.

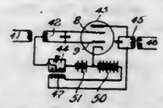
2,065,671
OPHTHALMIC MOUNTING
Gerhard A. Ellestad, Rochester, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application February 7, 1936, Serial No. 62,806
9 Claims. (Cl. 88—53)



2. An ophthalmic mounting comprising a split lens rim having adjacent ends, a lug secured to each end, each lug having anchoring means, said lugs being in contact so that the respective anchoring means are in communication with each other and fusible retaining means secured to the anchoring means on each lug whereby said ends are held together.

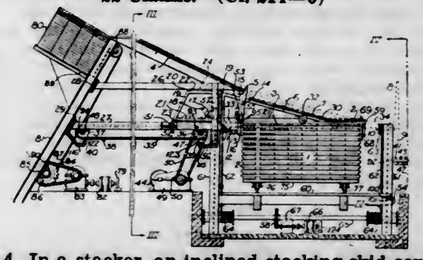
2,065,672
OSCILLATOR AND MODULATOR
Harold F. Elliott, Palo Alto, Calif.
Application April 21, 1932, Serial No. 606,614
12 Claims. (Cl. 250—20)

1. A self oscillating frequency changer comprising a single electron tube having a single cathode, a single anode and two grids symmetrically proportioned and disposed relative to the cathode and anode, an oscillator circuit in which the two grids serve in phase addition, and a signal circuit in which the two grids serve in phase opposition, the signal circuit comprising a center tapped impedance connected across the grids with a return circuit from the center tap to the



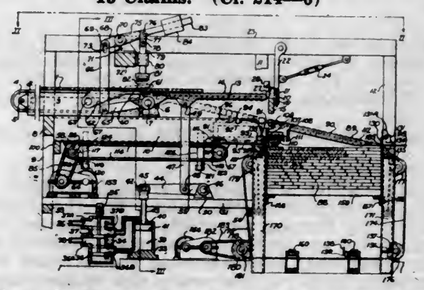
cathode and the oscillator circuit comprising an impedance in the return circuit, feed back means coupling the anode and said impedance and a source of energy in an anode-cathode circuit.

2,065,673
STACKER OR LOADER
Albert Thornton Fay, Jr., Portland, Oreg.; Pauline Fay, administratrix of said Albert Thornton Fay, Jr., deceased, assignor to Moore Dry Kiln Company of Oregon, North Portland, Oreg., a corporation
Application July 25, 1932, Serial No. 624,521
22 Claims. (Cl. 214—6)



4. In a stacker, an inclined stacking skid comprising a plurality of skid arms, an extension at the lower end of a plurality of said skid arms, guide members for a substantially horizontal reciprocating movement of said skid and said extension thereof above and to one side of a stock load, stops extending above said skid extensions defining lateral load limits, means for placing a tier of material on said skid, means for reciprocating said skid, thereby placing said tier on said load and evening the edges of said tier.

2,065,674
APPARATUS FOR TIERING, FEEDING, AND LOADING MATERIALS
Albert Thornton Fay, Jr., Portland, Oreg.; Pauline Fay, administratrix of said Albert Thornton Fay, Jr., deceased, assignor to Moore Dry Kiln Company of Oregon, North Portland, Oreg., a corporation
Application August 13, 1932, Serial No. 628,666
13 Claims. (Cl. 214—6)



1. A feeding and tiering device, comprising conveyor means for a sheet of material, a stop for

said sheet, means for elevating said sheet above said conveyor means beneath said stop, a tier measuring means actuated by said material spaced ahead of said stop, said means controlling the operation of said stop, and control means therefor, comprising means for alternately stopping said sheet for releasing a tier and releasing said stop, to feed an tier substantially as specified.

2,065,675
PROCESS OF MAKING FAT-CONTAINING POWDER
Elmer J. Fechner, Shelbyville, Ind., assignor to The Page Milk Company, Shelbyville, Ind., a corporation of Indiana
No Drawing. Application August 1, 1932, Serial No. 627,219
7 Claims. (Cl. 99—118)

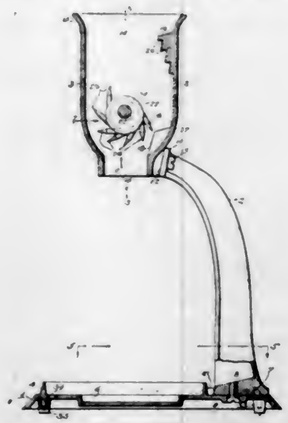
2. The process of producing a comminuted dry shortening, which consists in heating to at least a pasteurizing temperature and mixing milk and a hydrogenated oil which is solid at room temperature but liquid at pasteurizing temperature, homogenizing the heated mixture to break up the fat into minute globules, quick-drying the hot homogenized mixture by atomization into hot air to remove water and leave substantially dry milk solids adsorbed on the minute fat globules, and then quickly cooling the dried material to a dry powder, the amount of such hydrogenated oil being sufficient to provide at least 50% fat in the final powder, all of said process steps following one another promptly.

2,065,676
PROCESS OF MAKING FAT-CONTAINING POWDER
Elmer J. Fechner, Shelbyville, Ind., assignor to The Page Milk Company, Shelbyville, Ind., a corporation of Indiana
No Drawing. Application August 24, 1934, Serial No. 741,279
7 Claims. (Cl. 99—118)

1. The process of producing a comminuted dry powder containing about 75% or more of fat, comprising preparing from fat and milk a mixture having a temperature of between about 145° and about 175° F., the fat content of said mixture constituting at least 75% of the solids and solids-forming material therein, including in such mixture sufficient water to reduce the percentage of solids and solids-forming material to below about 30% of the mixture, homogenizing the mixture at that temperature, quick drying the homogenized mixture to form a dry powder, and promptly cooling such powder.

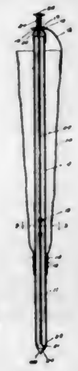
2,065,677
MACHINE FOR BREAKING CUBES OF ICE
Thomas J. Fegley and George O. Leopold, Philadelphia, Pa., assignors to North Bro's M'f'g Co., Philadelphia, Pa., a corporation of Pennsylvania
Application November 10, 1934, Serial No. 752,500
1 Claim. (Cl. 83—63)

The combination in an ice cube breaker of a casing having a segmental crushing surface; a shaft; bearings in the casing for the shaft; means for turning the shaft; a cylinder located within the casing and eccentrically mounted on the shaft, said cylinder being spaced from the crushing surface of the casing, ribs on the casing below the crushing surface thereof for detaining the particles of ice until sufficiently broken to pass between said ribs; two sets of teeth projecting substantially tangentially from the cylinder, one set of teeth being on one side of the cylinder and the other set of teeth being on the opposite side thereof, one set of teeth being greater in number than the other set and spaced closer together axially of the cylinder than the teeth of



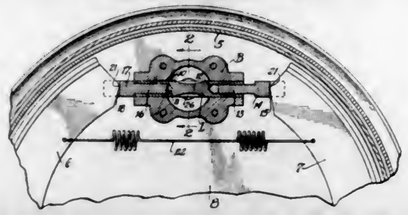
the other set, the set of teeth of greater number projecting from the eccentrically mounted cylinder at a greater distance from the center of the shaft opening in the cylinder than the other set of teeth, and the teeth of each set being offset circumferentially of the cylinder so that one tooth will cut in advance of the others.

2,065,678
GARDEN TOOL
Charles R. Fish, Jr., Worcester, Mass.
Application July 17, 1935, Serial No. 31,788
8 Claims. (Cl. 111—96)



1. In combination, a hollow center post having a penetrating tip, means for supplying material to the interior thereof comprising a material container mounted on said post and inlet openings extending through the lower end of said post, means associated with said post for applying manual pressure thereto, and manually operable valve means at the end of the post tip for permitting controlled outflow of material from said post tip end.

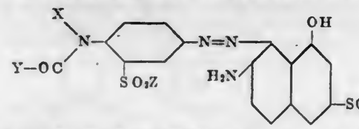
2,065,679
BRAKE
Fred D. Fisher and George Fisher, Jr., Chicago, Ill.
Application June 22, 1936, Serial No. 86,476
3 Claims. (Cl. 188—79.5)



1. In combination, a pair of brake shoes, a freely floating extensible connecting link between two adjacent ends thereof in abutting pivotal relation thereto, a support, a bracket secured to the support restraining the link from lateral movement while permitting it to move freely parallel to the support and rotatively to the bracket, the bracket being formed with a lateral extension forming a fulcrum, and the link being provided with a plurality of sockets arranged annularly thereof whereby a lever engaging one socket and fulcrumed upon the lateral extension may advance the link rotatively.

2,065,680
MONO-AZODYESTUFFS
Richard Fleischhauer, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application July 6, 1935, Serial No. 30,159. In Germany July 14, 1934
4 Claims. (Cl. 260—92)

1. Monoazodyestuffs of the general formula:



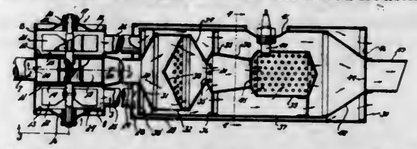
wherein X represents hydrogen or an alkyl, aralkyl, hexahydrophenyl or phenyl radicle, Y the methyl or phenyl radicle and Z represents OH or the grouping



R_1 and R_2 standing for hydrogen, alkyl or cycloalkyl which dyestuffs are water-soluble mostly reddish brown powders and dye the animal fibers very equal and bright reddish shades of the desired yellowish tinge.

2,065,681
GAS BURNER
Livius V. Fogas, Detroit, Mich.
Application April 3, 1935, Serial No. 14,412
6 Claims. (Cl. 183—6)

1. A device of the class described, comprising a housing adapted for attachment to an exhaust conduit and having a compartment communicable with the exhaust conduit; a turbine wheel mounted in said housing in the path of gases conducted thereinto through said conduit; a second housing positioned adjacent said first named housing; an outer casing surrounding said second mentioned housing; means for establishing communication of said second mentioned housing with said compartment, said casing being in spaced relation to said second mentioned housing;



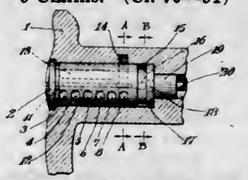
means for conducting air into said second mentioned housing; means for conducting air into said casing around said second mentioned housing; and means operable upon operation of said turbine for effecting delivery of air through each of said air conducting means.

2,065,682
COW TAIL HOLDER
George Eugène Fetel, Waterville, Maine
Application February 3, 1936, Serial No. 62,185
5 Claims. (Cl. 119—105)



1. In a device of the character described, a body encircling device, an apron, strap means connecting the apron with the body encircling device, a cow tail clamp, flexible elements connecting said clamp with said strap means, a resilient leg encircling member having a part thereof passing between portions of said clamp for securing the clamp in proper position relative to the leg of a milker, and flexible elements connecting said leg encircling member with said strap means.

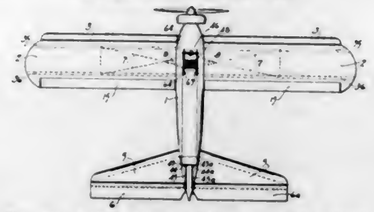
2,065,683
LOCKING DEVICE
Andrew Gahagan, New York, N. Y., assignor to The Crown Lock Company, New York, N. Y., a corporation of Delaware
Application November 6, 1928, Serial No. 317,638
9 Claims. (Cl. 70—91)



2. In a locking device, a housing, a cylinder mounted in the housing, change tumblers and a pick tumbler mounted in the cylinder, the housing having a circumferential groove into which the pick tumbler extends, said pick tumbler being normally inoperative but being operable to permit the withdrawal of the cylinder from the housing, and said housing and cylinder having a

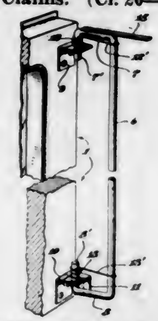
cooperative groove and pin to retain the cylinder in the housing except when the cylinder is in a predetermined position.

2,065,684
AIRPLANE
Edmund P. Gaines, Columbia, S. C.
Original application May 2, 1931, Serial No. 534,602. Divided and this application March 15, 1934, Serial No. 715,738
5 Claims. (Cl. 244—42)



2. In an airplane consisting of a body and forwardly located airfoils, with a horizontal airfoil located rearward from said airfoils, and a pair of pivoted control surfaces mounted on either side of said body and adjacent to said rearward airfoil, means for selectively moving said control surfaces either simultaneously in the same direction or simultaneously in opposite directions and means whereby when said control surfaces move in opposite directions the upward moving trailing edge of one describes a longer arc than does the downward moving trailing edge of the other.

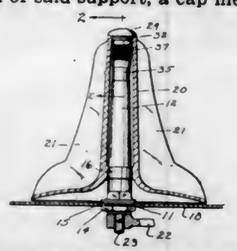
2,065,685
DOOR SAFETY MECHANISM
Henry J. Gaisman, Hartsdale, N. Y.
Application February 19, 1935, Serial No. 7,166
9 Claims. (Cl. 20—16)



9. In automobile doors and the like, a fixed door frame, a swinging door hinged upon said frame, a guard member pivotally mounted adjacent the outer edge of the door, said guard member being yieldingly urged to a position normally permitting the closure of the door, but operable by encountering an obstruction to a position to block the closing movement of the door when nearing the closing position, and means on the fixed frame adjacent the pivotally mounted guard with which the guard engages upon meeting said obstruction for arresting the closing movement.

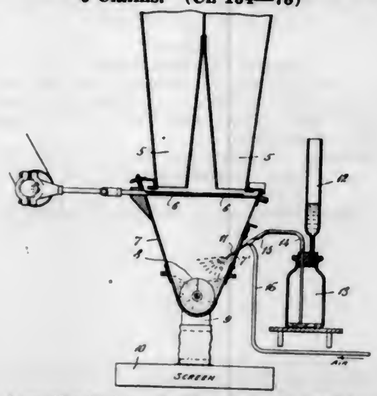
2,065,686
WASHING MACHINE MECHANISM
Joseph T. Garubo, Cleveland, Ohio
Application July 10, 1936, Serial No. 89,956
7 Claims. (Cl. 259—101)

1. In combination with a washing machine having a tub and a vertically extending hollow support rigidly secured thereto, of an agitator journalled on said support and extending thereabove, a hollow sleeve removably secured to the upper end of said support, a cap member secured



to the agitator and having a surface adapted to abut the upper end of said sleeve, a vertically extending drive shaft within said support, and a driving connection between said cap and said shaft enclosed within said sleeve.

2,065,687
ZINC OXIDE
Franklin B. Gearhart and Frederick A. Steele, Palmerton, Pa., assignors to The New Jersey Zinc Company, a corporation of New Jersey
Application June 8, 1932, Serial No. 616,022
6 Claims. (Cl. 134—78)

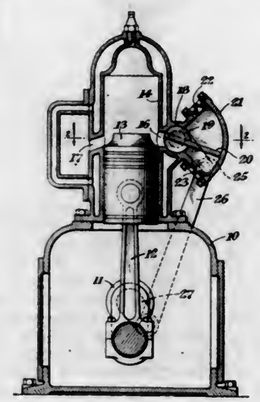


1. A method of treating zinc oxide which comprises spraying the zinc oxide with from 0.1 to 1.0% by weight of a greasy fatty acid, then screening the resulting sprayed zinc oxide to coat the zinc oxide particles with the fatty acid while simultaneously removing grit and extraneous matter from the zinc oxide, and aging the coated zinc oxide particles at a temperature in the neighborhood of 85° C. in an atmosphere with a relative humidity in the neighborhood of 40%.

2,005,688
PORT VALVE AND PUMP CONSTRUCTION FOR INTERNAL COMBUSTION ENGINES
Hewitt A. Gehres, Mount Vernon, Ohio, assignor to Cooper-Bessemer Corporation, Mount Vernon, Ohio, a corporation of Ohio
Application January 5, 1934, Serial No. 705,317
4 Claims. (Cl. 123—59)

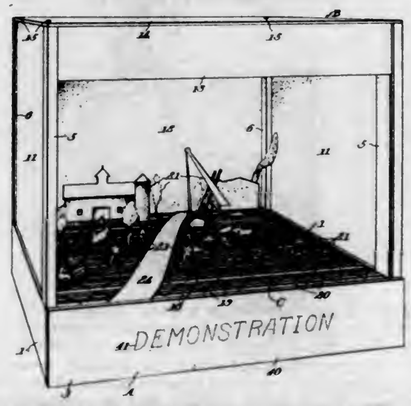
1. An internal combustion engine of the two cycle type having cylinders each provided with an exhaust port and an inlet port located near one limit of the piston stroke, a common pump chamber located adjacent said inlet ports, valve

members respectively controlling communication between different parts of said pump chamber and said inlet ports, a pump member which is connected to said valve members and which divides the pump chamber into different parts respectively communicating with said valve members, and a common means for driving said



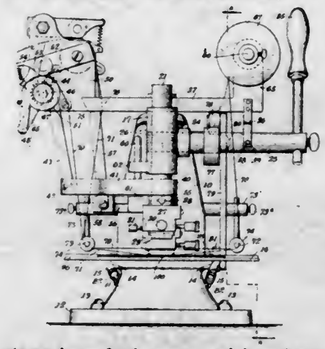
valves and pump members in unison, whereby said pump member operates during a given phase of its movement to draw in air for one inlet port into one part of said pump chamber when its valve is closed and supply air under pressure from another part of said pump chamber to the other inlet port when its respective valve is open.

2,065,689
DISPLAY DEVICE
Joseph A. Goethe, Washington, D. C., assignor, by direct and mesne assignments, to William H. Finckel, Jr., Washington, D. C., trustee
Application May 25, 1936, Serial No. 81,726
15 Claims. (Cl. 40—126)



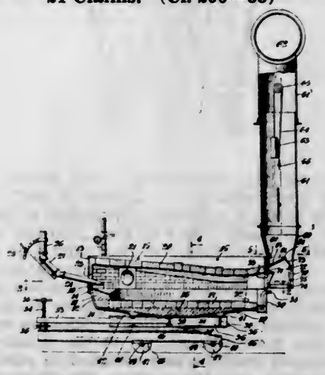
1. In a display device, a supporting structure, members carried by said structure and adjustable thereon for spaced arrangement to thereby form an apertured platform, and lighting means subjacent to said platform for illuminating the same by virtue of its apertured formation.

2,065,690
MULTICOLOR STAMPING MACHINE
Herman Gould, Brooklyn, and Frank Ackerman, New York, N. Y.
Application January 30, 1936, Serial No. 61,520
11 Claims. (Cl. 101—193)



1. A stamping device comprising two spaced dies, a platen for supporting articles to be impressed by the dies, means for alternately moving the dies into and out of impressing relation to the platen and means for reciprocating the platen for alternately presenting a part thereon into registering relation with the dies.

2,065,691
CUPEL FURNACE
Charles W. Hanson, Perth Amboy, N. J., and Robert A. Crites, Omaha, Nebr., assignors to American Smelting and Refining Company, New York, N. Y., a corporation of New Jersey
Application July 8, 1933, Serial No. 679,493
21 Claims. (Cl. 266—33)

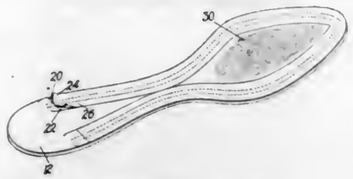


1. A cupel furnace comprising a pan having a refractory lining forming a bottom and side walls, a roof of refractory material engaging the side walls below the tops of the latter and means associated with said pan adapted to support said roof as a unitary structure therewith.

2,065,692
MANUFACTURE OF SOLES FOR SHOES
Joseph Harrington, Jr., Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application July 5, 1935, Serial No. 29,871
10 Claims. (Cl. 12—146)

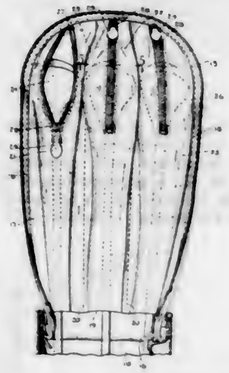
1. That improvement in methods of making sole for shoes which consists in forming an inte-

gral marginal channel lip on an insole, securing the lipped insole to an outsole, and thereafter separating the central forepart portion of the insole from the rest of the insole and the rest of



the insole from the outsole, thereby providing an insole having a marginal lip and a central forepart opening and an outsole having a central forepart projection complemental to the opening in the insole.

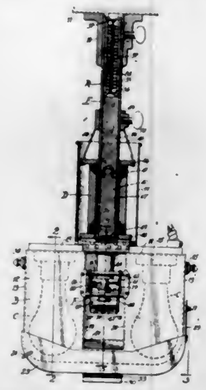
2,065,693
GOLF BAG
Oscar P. Haserodt, Elyria, Ohio
Application August 19, 1935, Serial No. 36,793
6 Claims. (Cl. 150—1.5)



1. A golf bag comprising a bag proper for receiving and holding the shafts of golf clubs, a hood of flexible material connected to said bag proper, said hood being divided into two sections extending substantially to the mouth of the bag proper on opposite sides thereof, fastening means operatively connected to said hood sections for selectively maintaining the latter in closed or open position, and individual enclosure members of flexible material secured to the inside of one of said hood sections and adapted to receive and substantially entirely enclose the heads of the clubs to prevent the latter from direct contact with one another, said members having openings through which the clubs may be removed or inserted.

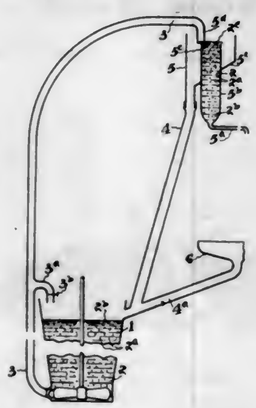
2,065,694
EGG CANDLING AND STAMPING DEVICE
Glenn Hatcher, Tulsa, Okla., assignor to The Collis Company, Clinton, Iowa, a corporation of Iowa
Application October 4, 1934, Serial No. 746,764
5 Claims. (Cl. 88—14.2)

5. An egg candling and marking device comprising an outer compartment and an inner compartment divided by a partition wall, illuminating means within said outer compartment, said outer compartment having an outer wall spaced from said partition wall and providing therebetween a light compartment, said outer and partition walls having operatively associated openings, a printing mechanism supported within said inner compartment and including a stamping device mov-



ably carried thereby in operative association with the openings in said walls, and means for causing said stamping device to be moved from said inner compartment and into said outer compartment adjacent the opening in the outer wall thereof.

2,065,695
METHOD OF AND APPARATUS FOR DETERMINING A DEGREE OF FINENESS OF FINELY DIVIDED MATERIAL
Herbert E. T. Haultain, Toronto, Ontario, Canada
Application March 6, 1933, Serial No. 659,657
11 Claims. (Cl. 265—11)



2. The method of determining the relative degree of fineness of a finely divided product which consists in maintaining a constant head of a mixture of a suitable liquid and the product in uniform suspension therein above a friction creating passage, measuring the rate of flow of the mixture through the passage by the time required to collect a measured quantity.

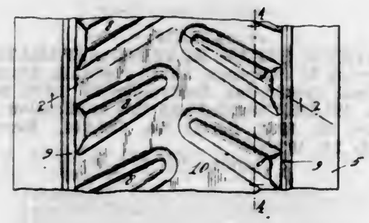
2,065,696
TIRE TREAD
Paul E. Hawkinson, Minneapolis, Minn.
Application February 20, 1936, Serial No. 64,907
3 Claims. (Cl. 152—14)



1. A tire having an elastic tread formed with ribs and intervening channels, said ribs being deeper than they are wide, the channels being deeper than they are wide, the ribs being deeper than the channels are wide, and the ribs being wider than said channels, said elastic tread, in the normal condition of the tire, being stretched and under tension, so that under load, the road-contacting portion of said tread will contract circumferentially to or toward neutral tension.

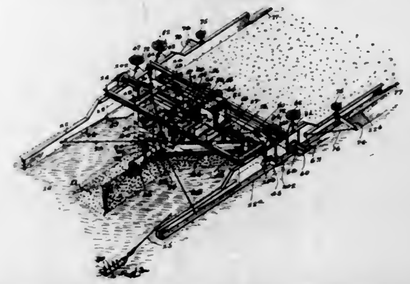
3. A tire having an elastic tread formed with ribs and intervening channels, said ribs being deeper than they are wide, the ribs being deeper than the channels are wide, and the ribs being wider than said channels, said elastic tread, in the normal condition of the tire, being stretched and under tension, so that under load, the road-contacting portion of said tread will contract circumferentially to or toward neutral tension, said rubber tread being vulcanized to the tire proper and said channels and ribs being entirely within the applied tread and the ribs being an integral part of the latter.

2,065,697
TIRE TREAD
Paul E. Hawkinson, Minneapolis, Minn.
Application February 20, 1936, Serial No. 64,908
1 Claim. (Cl. 152—14)



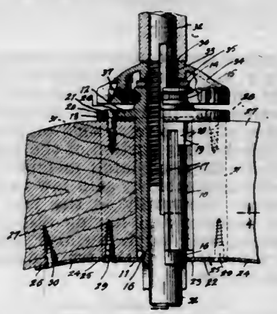
A tire casing having a rubber tread surface terminating in abrupt side shoulders on the tread surface of the casing, said tread having obliquely disposed pockets in staggered arrangement, the inner extremities of said pockets terminating approximately at the medial plane of the casing, and the outer ends of said pockets terminating in walls extended approximately to and parallel with said side shoulders, the tread face of the tire having a continuous tread surface between the said pockets, and the walls of said pockets being oblique so that they are self-clearing of compressed snow.

2,065,698
STONE SPREADING MACHINE
John N. Heltzel, Warren, Ohio
Application January 7, 1932, Serial No. 585,347
15 Claims. (Cl. 94—44)



1. In a road building machine, a movable machine frame, a laterally movable spreader means carried by said frame, means to impart a lateral vibration to said spreader means, a deflecting rudder pivotally mounted on the frame in advance of said spreader means, and means for angularly adjusting said rudder.

2,065,699
CHAIR BASE HUB
Walter F. Herold, Bridgeport, Conn., assignor to The Bassick Company, Bridgeport, Conn., a corporation of Connecticut
Application August 3, 1935, Serial No. 34,489
3 Claims. (Cl. 155—138)

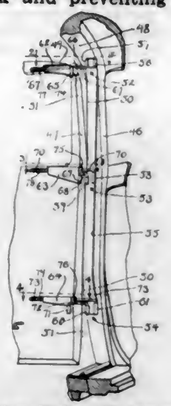


1. A chair base hub comprising a central tubular portion, and a plurality of equally spaced T-shaped ribs integrally formed upon said tubular portion and having their outer surfaces disposed in different planes, said ribs each adapted to be engaged by the inner end of a chair leg.

2,065,700
HINGE AND THE LIKE
Tallmon Ethan Horst, Chicago, Ill.
Application October 7, 1932, Serial No. 636,669
Renewed May 14, 1936
1 Claim. (Cl. 16—163)

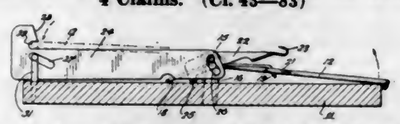
Means for connecting two members together comprising a pair of links each pivoted to one of said members, the pivots of said links being spaced apart on the aforesaid member, one of said links being also pivoted to the other member at one side thereof, and the said other member having a guide thereon on the same side to which

the link is pivoted, said guide slidably receiving the other link and preventing angular move-



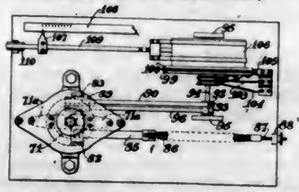
ment of said other link with respect to the member on which the guide is mounted.

2,065,701
ANIMAL TRAP
Henry J. Houtsinger, Chicago, Ill., assignor to Laura E. Carpenter, Winnetka, Ill., and Herbert A. Stilson, Chicago, Ill.
Application February 20, 1933, Serial No. 657,571
4 Claims. (Cl. 43—83)



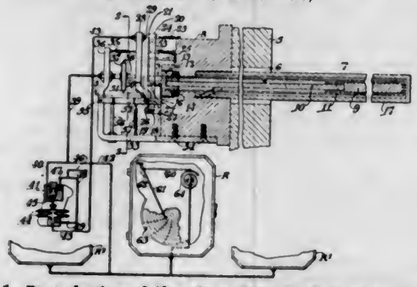
1. An animal trap, comprising a base, a spring actuated jaw, a horizontally disposed bait-holding treadle pivoted on the base and having a latch engaging part horizontally arranged on the opposite side of the pivotal axis of the member from the bait-holding portion of the treadle, and a horizontally disposed latch member having a cam surface engageable by said jaw to move said latch member rearwardly as the jaw is moved toward set position and having also a jaw receiving recess, said latch member being movable toward the front of the trap to engage said jaw in said recess.

2,065,702
AIR-OPERATED CONTROL SYSTEM
Karl H. Hubbard, Rochester, N. Y., assignor to Taylor Instrument Companies, Rochester, N. Y., a corporation of New York
Application January 20, 1934, Serial No. 707,621
7 Claims. (Cl. 171—229)



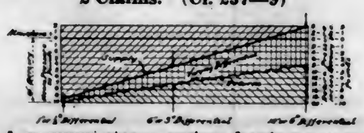
1. In an arrangement of the class described, a pair of spaced nozzles, each having an opening therein in substantial alignment with an opening in the other, a source of pressure fluid, a pair of conduits each connecting said source to the output of said conduits and through a restriction to the opening in one of said nozzles, a baffle movable between said nozzles to influence continually the pressure fluid streams issuing therefrom, a substantially balanced electrical system including a galvanometer responsive to the unbalance of said system, means including said galvanometer for moving said baffle between said nozzles, and means controlled at the output of said conduits for readjusting said system to restore a substantial balance thereof.

2,065,703
TEMPERATURE RESPONSIVE DEVICE
Karl H. Hubbard, Rochester, N. Y., assignor to Taylor Instrument Companies, Rochester, N. Y., a corporation of New York
Application June 13, 1935, Serial No. 26,442
2 Claims. (Cl. 73—32)



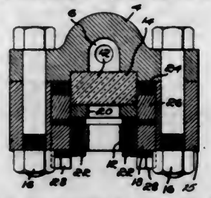
1. In a device of the class described, a mounting structure, a baffle support, a baffle plate, and a nozzle mounted in cooperative relation on said structure, mechanism responsive to changes in temperature in a high temperature range for causing relative movement between said baffle support and said baffle plate as a unit and said nozzle, means supplementing said mechanism and functioning in response to a change in temperature in a low temperature range for moving said baffle plate relative to said baffle support and to said nozzle, and a pneumatically actuated means responsive to the varying space relation between said nozzle and said baffle.

2,065,704
VACUUM STEAM HEATING APPARATUS
Irving C. Jennings, South Norwalk, Conn.
Original application September 15, 1930, Serial No. 481,825. Divided and this application January 26, 1932, Serial No. 589,014. Renewed July 24, 1935
2 Claims. (Cl. 237—9)



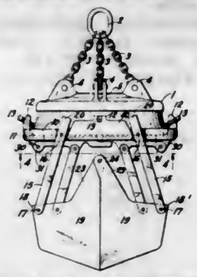
1. A vacuum steam system having a source of steam supply, a radiator to which the same is connected, a return from the radiator, a vacuum pump to which the return connects, an electric motor for operating the pump, a switch for throwing said motor into and out of operation, and a vacuum controller provided with three diaphragms of different sizes forming side walls of two separate differential chambers and connected to operate the said switch, a connection from the supply to one of said chambers, and a connection from the return to the other of said chambers, the diphragm differential in which the supply pressure works being materially smaller than the diaphragm differential in which the pressure in the return works.

2,065,705
WATER LEVEL GAUGE
Philip A. Jerguson, West Medford, Mass.
Application January 11, 1936, Serial No. 58,728
4 Claims. (Cl. 73—54)



1. A gauge comprising a body having an open-sided chamber to receive a water column and presenting a rabbet around the opening, a glass seated in the rabbet, a gasket and a gland encircling the glass, a frame overlying the margin of the glass and received within the gland, a member clamped to the body presenting a flange overlying the gland and frame, screws carried by the flange for acting on the gland, and other screws for adjustably positioning the frame.

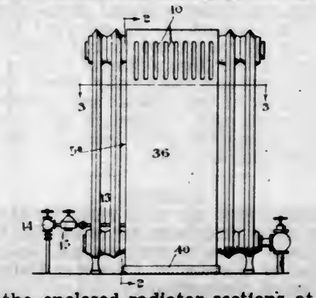
2,065,706
MAGNETICALLY OPERATED CLAMSHELL BUCKET
Francis Woodward Jessop, Cleveland Heights, Ohio, assignor to The Ohio Electric Mfg. Co., Cleveland, Ohio, a corporation of Ohio
Application January 12, 1935, Serial No. 1,452
13 Claims. (Cl. 37—187)



1. A device of the class described comprising in combination an electro-magnet, a multi-scoop bucket, armature means hinged to the magnet and connected to the bucket and movable relative to the bucket for bringing together the scoops of the bucket when the magnet is energized.

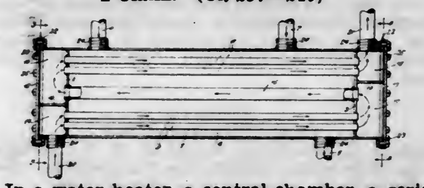
2,065,707
HUMIDIFYING APPARATUS
Andrew U. Jones, Montreal, Quebec, Canada
Application July 26, 1934, Serial No. 737,100
8 Claims. (Cl. 237—78)

1. Humidifying apparatus comprising a radiator, a casing presenting front, rear, and side walls enclosing a plurality of the radiator sections to form a vertical duct having air inlet and outlet openings at or adjacent its opposite ends, the rear wall of said casing comprising a sheet of felt stretched across the spaces between the enclosed radiator sections at one side of the radiator and the front wall of said casing comprising a metal plate bridging the spaces be-



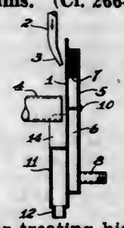
tween the enclosed radiator sections at the opposite side of the radiator, and a spray nozzle located in the lower portion of the duct to direct the spray upwardly against heated surfaces of the enclosed radiator sections.

2,065,708
WATER HEATER
Charles F. Keirle, St. Louis, Mo.
Application May 3, 1934, Serial No. 723,652
1 Claim. (Cl. 257—240)



In a water heater, a central chamber, a series of relatively small tubes traversing the chamber open to an inlet compartment at one end of the chamber and open to an intermediate compartment at the other, a series of relatively large tubes traversing said chamber, communicating said intermediate compartment with an intermediate compartment at the first end of the chamber, and a second series of relatively small tubes traversing said chamber communicating the last named compartment with an outlet compartment at said other end.

2,065,709
APPARATUS FOR CONDENSING MAGNESIUM
Frank R. Kemmer, Larchmont, N. Y., assignor to American Magnesium Metals Corporation, Pittsburgh, Pa., a corporation of Delaware
Original application April 7, 1933, Serial No. 664,932. Divided and this application November 20, 1934, Serial No. 753,882
4 Claims. (Cl. 266—15)



1. Apparatus for treating highly heated magnesium vapors in admixture with gas, comprising

a substantially vertical plate, a spray device for forming on said plate a film of liquid inert to magnesium, a conduit with an end portion extending at substantially right angles to the plate and having a discharge opening of less area than the plate and spaced closely adjacent the plate for transferring the vapors to and causing them to impinge on the film, a funnel secured to the plate and positioned vertically below the discharge opening of the conduit and receiving the mixture of condensed magnesium and liquid, and means for cooling the plate from the side opposite that carrying the film.

2,065,710

VAT DYESTUFFS OF THE PYRENEQUINONE SERIES AND PROCESS OF MAKING SAME

Walter Kern, Sissach, Switzerland, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland

No Drawing. Application June 29, 1935, Serial No. 29,169. In Switzerland July 7, 1934
22 Claims. (Cl. 260—56)

1. In the manufacture of vat-dyestuffs the step which consists in causing halogenated pyrenequinones having a melting point above 330° C. to react with amines containing at the nitrogen atom at least one hydrogen atom capable of exchange.

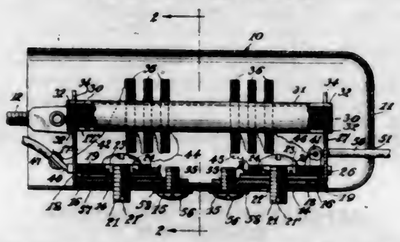
16. Vat-dyestuffs obtained in a first step by the action of halogenating agents on pyrenequinone, and, in a second step, by the action of halogenated pyrenequinones of melting point above 330° C. on amines containing at the nitrogen atom at least one hydrogen atom capable of exchange.

2,065,711

TRANSFORMER UNIT

Lyman G. Ketcham, Brooklyn, N. Y., assignor to Teleradio Engineering Corporation, New York, N. Y., a corporation of New York

Application August 2, 1935, Serial No. 34,364
9 Claims. (Cl. 250—16)



1. A transformer unit comprising a pair of inductances mounted on a core of insulating material and a pair of condensers associated with the respective inductances, one plate of each of said condensers being provided with an extension having an opening therein, said core fitting in said openings whereby the core is supported by and between the extensions with the inductances substantially directly above and spaced substantially equidistantly from the respective condensers with which they are associated.

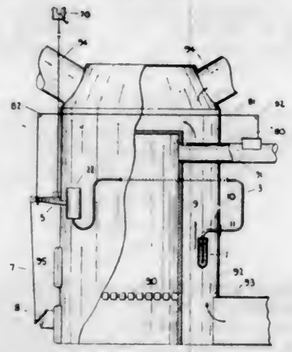
2,065,712

FURNACE CONTROL

Louis R. Kettenring and Francis J. Lillis, Seattle, Wash.

Application November 6, 1934, Serial No. 751,726
7 Claims. (Cl. 236—16)

1. In combination with the draft door of a furnace, a tension member connected thereto to open or close it, manual means above the draft door to fix said tension member in position to hold the door open or to permit it to close, an arm fulcrumed above the draft door, guide means carried by said arm and engageable with said tension member, fixed guide means directing the line in line with said arm and thence upward to



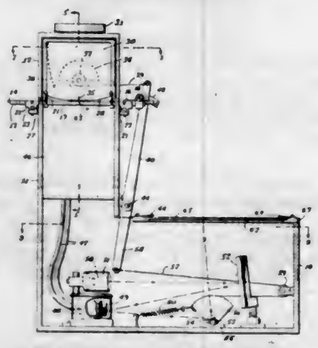
said manual means, and means operatively engaged with said arm and responsive to thermal changes in the return flow to the furnace of a heated circulation medium to raise said arm upon decrease in temperature of the medium, thereby tending to open the draft door, and to lower said arm upon increase in such temperature, thereby tending to close the draft door.

2,065,713

EDGE TESTING MACHINE

Max Knobel, Arlington, and Louis H. Young, Auburndale, Mass., assignors to Gillette Safety Razor Company, Boston, Mass., a corporation of Massachusetts

Refiled for abandoned application Serial No. 701,841, December 11, 1933. This application May 17, 1935, Serial No. 22,118
21 Claims. (Cl. 88—14)



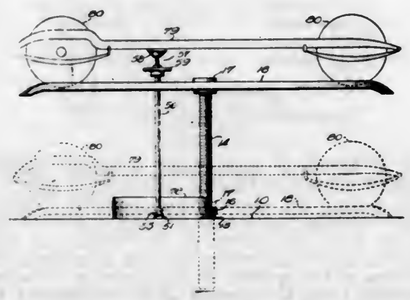
1. An edge testing machine, having in combination, means for progressively advancing a sharp edged blade across the path of a beam of light, means for making a visual indication of the amount of light reflected by the sharp edge of the blade during such movement, and means for causing the position of the indication to change progressively in definitely timed relation to the advancing movement of the blade.

2,065,714

COMBINED VEHICLE LIFTING AND ROCKING APPARATUS

Philip J. Kroll, New York, N. Y.

Application December 18, 1934, Serial No. 758,130
15 Claims. (Cl. 73—51)



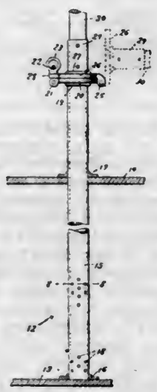
1. Apparatus of the character described comprising a vehicle lift, vehicle body rocking means movable between operative and inoperative positions, a power source for said lift and said rocking means, and means operative by said rocking means upon movement thereof to operative position for rendering said lift inoperative.

2,065,715

CONVERTIBLE MAST CONSTRUCTION

Peter F. Leon, Oranjestad, Aruba, Dutch West Indies

Application December 9, 1935, Serial No. 53,525
3 Claims. (Cl. 114—90)



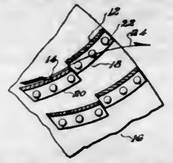
1. A foldable mast for a boat comprising a lower stationary tubular section, an upper relatively movable section hingedly connected to the upper end of said tubular section, fastening means for holding the two sections together in vertical alinement, said upper section including a socket having a crank operated pinion, a pole having a rack equipped sleeve fitted telescopically in said socket and cooperable with said pinion, said pole being adapted to pass down through the socket and into said tubular section to reinforce the parts collectively and to at the same time lower the pole to a predetermined position.

2,065,716

FAN

Merton S. Leonard, Boston, Mass., assignor to B. F. Sturtevant Company, Hyde Park, Mass., a corporation of Massachusetts

Application February 21, 1935, Serial No. 7,507
7 Claims. (Cl. 230—134)



1. A centrifugal fan rotor having blades and supporting means therefor, each blade having an inner and an outer portion with a long narrow opening therebetween extending in a direction parallel to the axis of the rotor to permit the discharge therethrough of a shallow stream of abrasive material rearwardly of and out of scouring contact with the outer blade portion, while compelling the main air stream to pass over said opening from the inner to the outer portion of the blade.

2,065,717

LAWN SEED AND FERTILIZER DISTRIBUTOR

George Marisdale, Los Angeles, Calif.

Application February 11, 1936, Serial No. 63,445
2 Claims. (Cl. 221—130)



1. In a lawn seed and fertilizer distributor, a hopper having inclined bottom walls, there being a longitudinally disposed opening formed between the lower ends of said inclined walls, bearings depending from the lower portion of the hopper at the ends of said opening, an axle journalled in said bearings and disposed lengthwise below the opening in the bottom of the hopper, keepers secured to the bottom of the hopper to one side of the opening therein above said bearings, a gate mounted for sliding movement against the outside of the bottom of said hopper adjacent the opening therein, the ends of which gate are mounted for sliding movement in said keepers, the edge of which gate adjacent the axle journalled in said bearings being provided with spaced notches and means for moving said gate toward and away from said axle.

2,065,718

PRODUCT FOR USE IN ROENTGENOGRAPHY AND PROCESS OF PREPARING IT

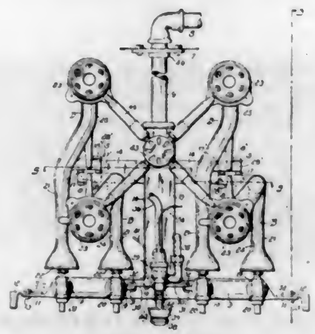
Thomas O. Menees and J Duane Miller, Grand Rapids, Mich., assignors to The Union Benevolent Association, East Grand Rapids, Mich., a non-profit corporation of Michigan

No Drawing. Application July 16, 1934, Serial No. 735,426
4 Claims. (Cl. 167—95)

1. A preparation for creating X-ray shadows when applied to the walls of the cavities or in-

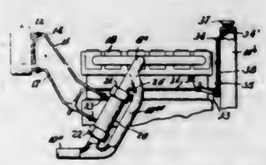
ternal organs in the human body, comprising an aqueous suspension of thorium hydroxide and a peptizing agent.

2,065,719
BURNER AND MANIFOLD ASSEMBLY
Swiney Morgan, O'Fallon, Ill.
Application May 29, 1934, Serial No. 728,091
10 Claims. (Cl. 126—39)



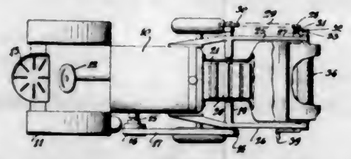
7. A manifold for a gas burner and manifold assembly comprising a substantially T-shaped manifold, integral burner supporting means extended at opposite sides from the main body of said manifold, a plurality of valve supporting bosses on the cross head of said manifold and means on said cross head for connecting the cross head of said manifold to the frame of a gas stove.

2,065,720
AUTOMATIC HEATER FOR MOTOR VEHICLES
Louis Morneault, Brooklyn, N. Y., Erma J. Lyda, Youngstown, Ohio, and Thomas J. Niutta, Brooklyn, N. Y.
Application September 16, 1935, Serial No. 40,750
3 Claims. (Cl. 237—12.3)



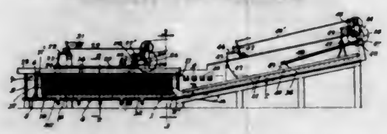
1. In combination with a motor having a hot exhaust, a heater casing with air passages from the front to the rear for location in the body of the vehicle, a fan adapted to blow air through said passages, means for operating said fan, a water coil in said exhaust for boiling water, top and bottom pipes connecting the ends of said coil with top and bottom portions of said casing for conveying steam and water respectively to and from the coil and the heater casing, said motor having a water radiator with a removable cap, and a water supply pipe connected with said radiator and controlled with a valve operated by an operator actuated when said cap is removed.

2,065,721
HARVESTER
Jakob Mutzbauer, New York, N. Y.
Application November 7, 1935, Serial No. 48,616
3 Claims. (Cl. 56—27)



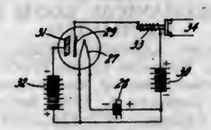
1. A harvester comprising a motor driven, wheeled vehicle, a housing attached to said vehicle having an opening, an upwardly inclined chute combined with said housing, a suction fan driven from the motor of the vehicle in said housing, gathering rollers rotating in opposite directions at the opening in said housing to gather material from the ground to be transferred by said fan to a loader, a door normally closed in the wall of said chute, means to turn said door to close the passage from said opening into the chute and to present an opening in the wall of said housing facing the loader, the fan transferring said material gathered into said loader from the same through said opening in the housing wall to a storage compartment.

2,065,722
CLASSIFICATION OF MINERALS
Alexander C. Munro, Britannia Beach, British Columbia, Canada
Application June 15, 1934, Serial No. 730,763
4 Claims. (Cl. 209—18)



4. An apparatus for separating the solid constituents of an ore pulp containing water and divided solids into a flotation concentrate portion, a slimes portion, and a settled coarse portion, and for separately discharging said three portions, comprising: a horizontally extending flotation compartment; means for supplying such a pulp to one end of said flotation compartment; said flotation compartment being provided with overflow lip means for discharge of flotation concentrates and means for separately conducting away concentrates so discharged, and being also provided with an opening adjacent the bottom thereof at the end opposite said one end for outflow of the unfloated solid and liquid constituents of said pulp; means for aerating the pulp in said flotation compartment; mechanically operated means at the bottom of said compartment for moving settled material from said one end toward and through said opening; a classifying compartment disposed contiguous to said opposite end of the flotation compartment and communicating therewith through said opening, so as to receive said unfloated constituents; said classifying compartment being provided with overflow means for maintaining a liquid level in both of said compartments and for discharging water containing suspended slimes, and with means for separately conducting away water and slimes so discharged, said overflow lip means constituting substantially the sole means for outflow of water from said classifying compartment; mechanically operated means in said classifying compartment for removing settled material therefrom and discharging said settled material, substantially free from water, at a position above said liquid level; and means for conducting settled material so discharged away from said classifying compartment, wholly separate from said flotation concentrates and from water and slimes discharged at the last-named overflow lip means.

2,065,723
PHOTOTUBE
Herbert Nelson, East Orange, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application September 19, 1933, Serial No. 690,045
4 Claims. (Cl. 250—41.5)



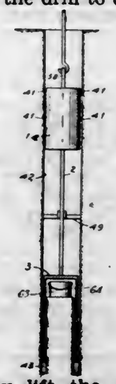
1. A photoelectric current amplifier comprising a sealed glass envelope containing gas at reduced pressure and enclosing a thermionic cathode, an anode, and a photocathode external to said cathode and anode, an output circuit between said thermionic cathode and said anode which includes means for impressing upon said anode a potential which is positive relative to said thermionic cathode and less than the ionizing potential of the gas, and means for maintaining between said anode and said photocathode a constant difference of potential greater than the ionizing potential of the gas.

2,065,724
MANUFACTURE OF DEXTROSE
William B. Newkirk, Western Springs, Ill., assignor to International Patents Development Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 2, 1934, Serial No. 709,479. Renewed September 14, 1935
3 Claims. (Cl. 127—61)

3. Method of producing by crystallization in a vacuum pan a high purity crystalline dextrose from a starch converted dextrose solution which comprises maintaining a relatively constant vacuum during the stage at which the dextrose is deposited from solution on the nucleus crystals, bringing about reduction of temperature, as the operation proceeds, by adding fresh solution to the batch at a rate faster than the rate at which the water content of such solution is evaporated, so as to gradually reduce the boiling point of the solution, and finally, near the end of the operation, adding water to the batch and continuing the boiling.

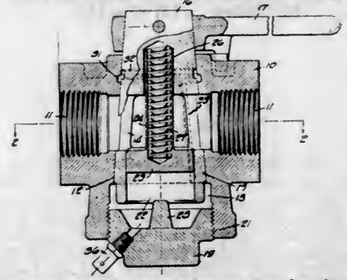
2,065,725
METHOD OF CORE DRILLING
John Branner Newsom, Nevada City, Calif., assignor to Idaho Maryland Mines Co., San Francisco, Calif., a corporation of Nevada
Application April 8, 1935, Serial No. 15,226
2 Claims. (Cl. 255—72)

1. The method of collecting cuttings from a shaft during the operation of a core drill under water comprising placing a bucket on top of the core and rotating the drill to cause the water to



swirl and thereby lift the cuttings into the bucket.

2,065,726
PLUG VALVE
Sven Johan Nordstrom, Piedmont, Calif., assignor to Merco Nordstrom Valve Company, San Francisco, Calif., a corporation of Delaware
Application November 25, 1930, Serial No. 498,034
5 Claims. (Cl. 251—93)

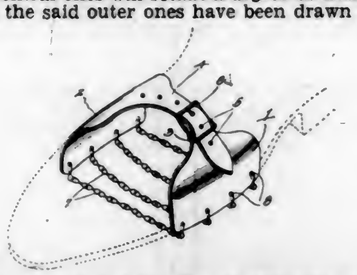


1. In a plug valve, a valve casing having a passageway therethrough for flow of fluid and a bore transversely of the passageway, a valve plug rotatably disposed within the bore, said plug having a port therethrough adapted to register with the passageway for open position of the valve, a cylinder formed within one end of the plug and adapted to contain lubricant, said cylinder being in communication with the valve working surfaces, a piston disposed within the cylinder, and a spring serving to normally urge the piston in a direction to deliver lubricant from the cylinder to the valve working surfaces, said spring extending thru the port in said plug.

2,065,727
ICE CREEPER
George E. Norman, Omaha, Nebr.
Application February 4, 1936, Serial No. 62,351
1 Claim. (Cl. 36—62)

An ice creeper comprising two bodies of yieldable material adapted to be placed against the inner and outer sides of a shoe, each body having a long edge disposed along the sole of the shoe, means for coupling the bodies across the top of the shoe, and a plurality of chains connecting the said edges of the bodies across the bottom of the shoe sole, said chains being in parallel relation and having the outer ones of the group of lesser

length than the central ones thereof whereby the said central ones will retain a degree of slackness when the said outer ones have been drawn tight



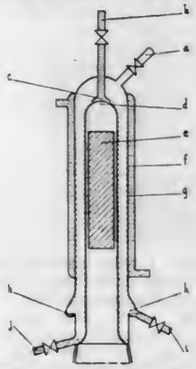
across the shoe sole and will be permitted limited sliding movement over the shoe sole to prevent packing of material between the chains.

2,065,728

PROCESS FOR REMOVING LOW MOLECULAR GLYCERIDES FROM POLYMERIZED OILS BY DISTILLATION

Dirk Oosterhof, Haarlem, Cornelis van Vlodrop, Rotterdam, and Hein Israel Waterman, Delft, Netherlands, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

Application December 16, 1933, Serial No. 702,808
In the Netherlands December 20, 1932
10 Claims. (Cl. 87—12)



1. In a process for the preparation of an improved polymerized drying oil, the step which comprises removing volatile matter including low molecular weight glycerides from a polymerized drying oil by exposing the same to evaporative distillation in a high vacuum, approximately of the order of the cathodic vacuum, at a temperature sufficient to vaporize and eliminate unpolymerized oil as well as free fatty acids.

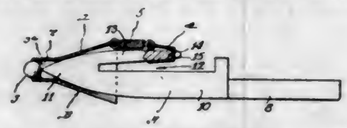
2,065,729

HARVESTING MACHINE GUARD PROTECTOR

Eddie Patera, Orient, Iowa

Application September 4, 1935, Serial No. 39,177
2 Claims. (Cl. 56—310)

2. In combination, a cutter guard finger for harvesters formed with a point on one end, said guard finger also provided with a bearing race on an intermediate portion adapted for supporting the reciprocating cutter knives of the harvester, said guard finger being further equipped with a lip merging with the point and overhanging the bearing race, a hollow shield equipped with a portion conforming in shape with a certain part of the guard finger and having an open end to receive the guard finger and a blunt closed end



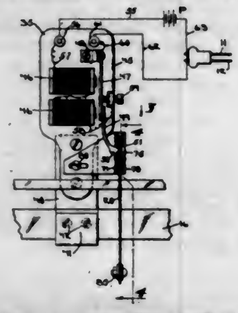
fitting over the pointed end of the guard finger, a hook detachably connected with the lip on the guard finger, and resilient means connected with the shield and hook to hold the shield on the guard finger under tension.

2,065,730

ELECTROMECHANICAL LOOM STOPPING MECHANISM

Oscar V. Payne, Leicester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts

Application January 8, 1935, Serial No. 884
12 Claims. (Cl. 139—370)



1. In a loom, a normally oscillating member arrestable to effect loom stoppage, a drop wire effective when down to arrest oscillation of the member, an electric weft detector, the normal condition of which is non-indicating, a circuit to be closed when the detector assumes an abnormal condition and indicates substantial exhaustion of weft, an electro-magnet in said circuit, and a support for the drop wire normally effective whenever the detector is in normal condition to hold the drop wire raised and movable by the electro-magnet out of supporting relation with respect to the drop wire when the circuit is closed by the detector, whereupon the wire falls to down position to effect loom stoppage.

2,065,731

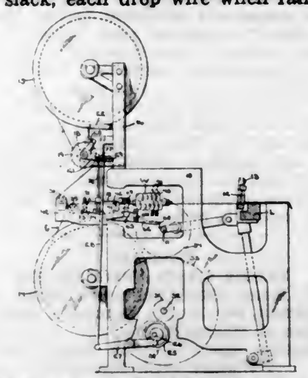
ELECTRIC WARP STOP MOTION FOR TERRY TOWEL LOOMS

Oscar V. Payne, Leicester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts

Application January 21, 1935, Serial No. 2,625
2 Claims. (Cl. 139—349)

1. In a warp stop motion for a loom, a terry warp, means to render the terry warp periodically slack, a bank of drop wires for the terry warp, means to stop the loom when any drop wire of the bank is down, a bar extending under the drop wires and normally spaced below and out of contact with said wires, means to raise the bar and cause the latter to support the drop

wires in normal raised position when the terry warp is slack, each drop wire when falling be-



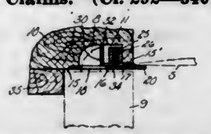
cause of a warp fault being free to descend without frictional engagement with the bar.

2,065,732

STRIKE PLATE

William Peace, West Hartford, Conn.

Application February 6, 1935, Serial No. 5,190
4 Claims. (Cl. 292—340)



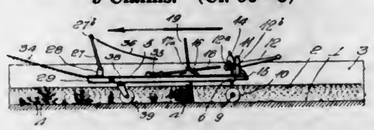
1. An adjustable striker having a flat faced reversible strike plate provided with a latch bolt receiving opening and a screw receiving opening at one side of the latch bolt receiving opening, a right angled sheet metal adjustable latch bolt engaging member having an attaching portion lying flatwise against the rear face of said strike plate and a latch bolt engaging lip disposed at right angles to the plane of the strike plate, said lip being of lesser length than said latch bolt receiving opening so as to extend therethrough, said attaching portion having a slot in registry with said screw receiving opening, a nut engaging against the rear face of said attaching portion, and a screw extending through said screw receiving opening and slot and into said nut for clamping said attaching portion between said strike plate and nut.

2,065,733

MOSS RAKE FOR CANALS

Arthur Pearson, Burley, Idaho

Application January 13, 1934, Serial No. 706,545
9 Claims. (Cl. 56—8)



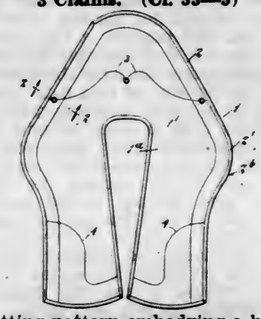
1. A device for raking the beds of irrigation canals which comprises a frame structure, a swivel wheel support for one end of said frame structure, a two wheel support for the opposite end of said frame structure, an axle for mounting the wheels of said two wheel support, said axle including portions extending vertically with respect to opposite sides of said frame structure, said portions being interconnected by a laterally extending portion, an adjusting lever carried by said frame structure and operative by engaging the laterally extending portion of said axle to adjust the position of said frame structure with respect to the traction surface, a rotatable rake pivotally mounted between opposite side portions of said frame structure, and means mounted on said frame structure and engageable with the tines of said rake for maintaining said rake in a selected position effective for accumulating material from said traction surface as said frame structure is moved along the traction surface, said means being operative for releasing said rake and allowing the accumulated material to be discharged, the elements of said device being disposed to provide an unobstructed path for the discharged material.

2,065,734

PATTERN

Harold L. Pierson, Auburn, N. Y.

Application June 9, 1934, Serial No. 729,744
3 Claims. (Cl. 33—5)



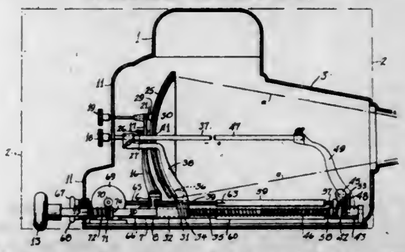
1. A cutting pattern embodying a body of nonbrittle transparent material having its outer edges cut to the outline of the part of the article it is desired to pattern, said body having indicating lines marked on said transparent material for defining and separating areas to be exposed in the completed article from hidden areas, whereby a user is enabled to gauge and adjust the position of the pattern to the material being cut.

2,065,735

ALTERNATING CURRENT LAMP

Walter G. Preddey, San Francisco, Calif.

Application March 31, 1933, Serial No. 663,865
8 Claims. (Cl. 176—51)



8. In a motion picture lamp, a casing, a mirror mounted in the casing and having a central opening therein, a rear carbon holder having a portion designed to pass through the mirror opening, a rear carbon carried by the holder and also extending through the mirror opening,

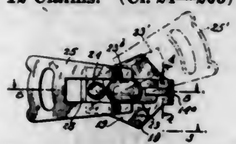
a screw operatively connected to the holder at a point in front of the mirror, said screw being disposed beyond the rim of the mirror, and means disposed exteriorly of the casing for operating the screw.

2,065,736

SAFETY REMOVABLE FASTENER SLIDE

Barney Pruzan, New York, N. Y., assignor to Ranger Fastener Corp., a corporation of New York

Application August 24, 1935, Serial No. 37,705
12 Claims. (Cl. 24—205)



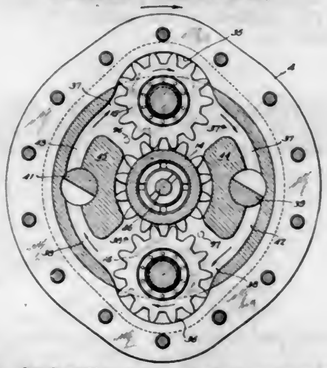
1. In a safety removable hook fastener slide, a post having a flat portion, an arrow shaped cam portion perpendicular to and extending from an edge of said flat portion, a bottom rivet portion on said flat portion, a top hook formed by a slot in the edge of said flat portion, a bottom trapezoidal guide plate for the hook fastener set against the bottom of said cam portion and formed with an opening receiving said rivet portion and rigidly held in place by said rivet portion, a top trapezoidal guide plate for the hook fasteners and formed with a slot receiving said flat portion and set flat against the top of said cam portion and having curled portions set against the sides of said flat portion and behind the cam portion, a pintle pin received within said curled portions and passing through the flat portion for pivotally connecting these parts and a latch having a free end engaging said slot for adjustably holding said latch.

2,065,737

HYDRAULIC TRANSMISSION

Fred J. Ramsey, Harrisburg, Pa.

Application January 13, 1934, Serial No. 706,566
3 Claims. (Cl. 192—61)



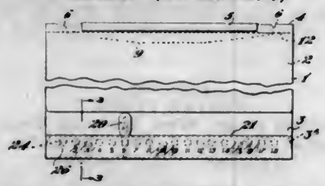
1. An hydraulic transmission comprising a rotary closed casing, a sun gear journaled concentrically within the casing, a plurality of planetary gears also journaled in the casing and meshing with the sun gear, said planetary gears being adapted when rotated on their own axes to set up a positive circulation of liquid contained within the casing, means including a plurality of rotary valves for regulating the said circulation to variably control the movements of the planetary gears with respect to the casing, links pivotally connected with said valves, and means for relatively adjusting said links to thereby effect synchronized adjustments of said valves, said adjusting means comprising a wedge-shaped cam interposed between and engaging said links, resilient means urging the links against said cam, means for actuating the cam to relatively move the links against the pressure of said resilient means, and weights operatively associated with said links and tending to adjust the links to the valve-closing positions by centrifugal action when the said casing is rotated.

2,065,738

INDEX CARD AND SYSTEM

James H. Rand, North Falmouth, Mass., assignor to Philrand, Inc., North Falmouth, Mass., a corporation of Massachusetts

Application April 25, 1933, Serial No. 667,810
7 Claims. (Cl. 129—16.7)



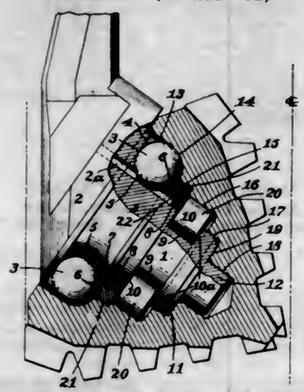
2. An index card comprising a body sheet of generally rectangular outline, a support at the upper edge of the sheet, and a signal-receiving element extending along the lower edge of said sheet, said element providing a series of openings to receive a signal, and a colored signal having a portion inserted in one of said openings.

2,065,739

ROLLER CUTTER AND SPINDLE ASSEMBLY FOR EARTH BORING DRILLS

Clarence E. Reed, Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a corporation of New Jersey

Application February 23, 1935, Serial No. 7,918
Renewed November 11, 1936
8 Claims. (Cl. 255—71)



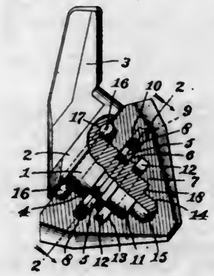
1. A roller cutter and spindle assembly for earth boring drills comprising a spindle having a free end, a support connected with its other end, a frusto-conical cutter mounted on the spindle, a plurality of spaced apart rows of rolling bearings between the spindle and cutter, and a ring connected to and carried by the cutter within its bore and at a point intermediate the length thereof and intermediate the said spaced apart rows of rolling bearings, said ring engaging one of the rows of bearings mounted in an annular groove of the spindle to rotatively lock the roller cutter on the spindle, substantially as described.

2,065,740

CUTTER, SPINDLE, AND ANTIFRICTION ASSEMBLY FOR EARTH BORING DRILLS

Clarence E. Reed, Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a corporation of New Jersey

Application March 5, 1935, Serial No. 9,495
4 Claims. (Cl. 255—71)



1. A roller cutter unit comprising a roller cutter mounted for rotation on a spindle, the spindle being integral with a support and having a groove, rolling bearing raceways on the spindle, friction bearing areas on the spindle, said roller cutter enclosing the free end of the spindle and bearing on the spindle and rolling bearings in said raceways, the said cutter having a groove complementary to the groove in the spindle and deep enough to initially receive therein roller retaining means and permit the cutter to pass without obstruction over the spindle to operating position, and a filler inserted through a passage in the cutter into the groove thereof causing said roller retaining means to lay across the joint between the cutter and spindle, partly in the groove of the cutter and partly in the groove of the spindle.

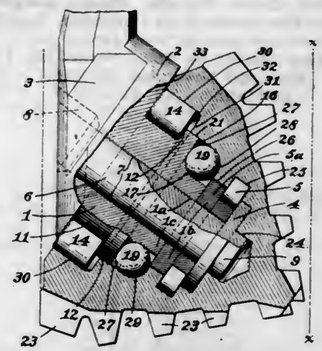
2,065,741

CUTTER SPINDLE AND ANTIFRICTION BEARING ASSEMBLY

Clarence E. Reed, Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a corporation of New Jersey

Application March 5, 1935, Serial No. 9,496
16 Claims. (Cl. 255—71)

1. A roller cutter and spindle assembly for earth boring drills comprising a spindle and its support, a roller cutter, anti-friction bearing in the form of cylindrical rollers between the cutter the spindle and the support, said spindle having a main section provided with a shoulder intermediate of its length and with a reduced diameter cylindrical portion projecting from said shoulder, ball bearings at the junction of said shoulder and said reduced diameter cylindrical portion of the spindle and upon which balls the roller cutter bears, a terminal spindle section having a flange and a stem fitting in the main section, a circular member positioned on the stem of the terminal section of the spindle, said circular member having a portion of a raceway between the same and the flange of the terminal spindle section and anti-friction means in said raceway portion and in a complementary raceway portion of the cutter for locking the



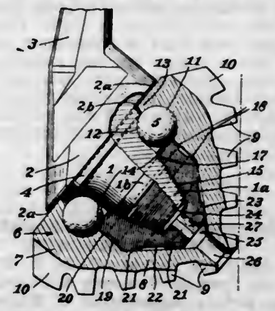
cutter rotatively on the spindle, substantially as described.

2,065,742

ROLLER CUTTER, SPINDLE, AND BEARING ASSEMBLY FOR EARTH BORING DRILLS

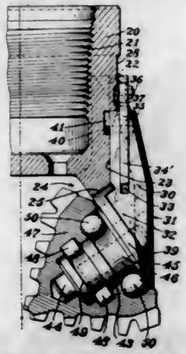
Clarence E. Reed, Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a corporation of New Jersey

Application March 26, 1935, Serial No. 13,145
7 Claims. (Cl. 255—71)



1. A roller cutter and spindle assembly for earth boring drills comprising a spindle support and an integral main spindle section projecting therefrom, said main spindle section near its junction with the support having a curved outward reduction providing a portion of a ball raceway, said main spindle section projecting beyond said ball raceway portion and providing a free end for mounting a terminal spindle section, a terminal spindle section of a cap shape removably secured upon said free end and providing a portion of a ball raceway supplementary to said ball raceway portion on the main spindle section, the raceway portion of the terminal section facing the raceway portion on the main section and thereby forming an outer side wall of the raceway, the exterior of said terminal section providing friction bearing surfaces at an angle to each other, a cutter enclosing said spindle sections and having a recessed raceway portion complementary to the raceway portions of said sections, ball bearings in said raceway taking radial and end thrusts toward the support and also rotatably locking the cutter on the spindle, and said cutter having friction bearing surfaces contacting the friction bearing surfaces on the terminal spindle section.

2,065,743
ROLLER BIT
Clarence E. Reed, Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a corporation of New Jersey
Application March 26, 1935, Serial No. 13,146
Renewed November 11, 1936
12 Claims. (Cl. 255—71)



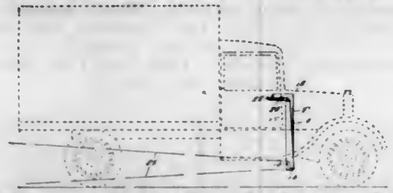
1. In an earth boring tool the combination of a bit head having a cutter recess in its under side and a recess in its outer side wall in communication with each other, said outer recess opening outwardly throughout its extent, a cutter support having a shank portion fitting within said outer recess and having a body portion facing into said cutter recess, a cutter spindle projecting from said body portion into said cutter recess, a rotary cutter on said spindle, the exterior of said shank and the side wall of said outer recess having registering grooves and a locking member within said grooves holding the cutter support against lateral displacement from the outer recess.

2,065,744
DIRECT PROCESS FOR MAKING SODIUM PERBORATE
Joseph S. Reichert, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application May 27, 1932, Serial No. 614,047
16 Claims. (Cl. 23—60)

1. A process for the manufacture of alkali metal perborates which comprises reacting a boric acid derivative selected from the group which consists of boric acid, boric anhydride and alkali metal borates, in the solid state, with an alkali metal peroxide and a solution of hydrogen peroxide in the requisite proportions at a temperature below 80° C., the total amount of combined and uncombined water present in the reaction mixture being limited to not more than 8% in excess of the amount required to form the completely hydrated final product.

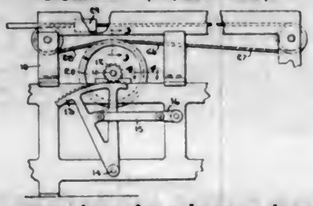
2,065,745
REAR VISION DEVICE FOR VEHICLES
Fred William Reisert, Monmouth Junction, N. J.
Application August 17, 1934, Serial No. 740,341
1 Claim. (Cl. 88—70)

A rear vision device for automobiles, the latter embodying a driver's compartment and an instrument board confronting the driver's compartment, comprising a stationary inverted L-shaped tubular member adapted for attachment to the automobile so that the legs of the members are arranged vertically and horizontally, the free end of the horizontally arranged leg terminating in the driver's compartment within the view of the driver, the free end of the vertically arranged leg terminating free of the automobile and equipped with a rearwardly directed opening so as to obtain an unobstructed view of objects to the rear, a mirror rockably mounted in the vertical leg adjacent the opening to reflect images into the interior of the tube, addi-



tional mirrors arranged in the interior of the legs to transmit the reflected image to the free end of the horizontal leg where the image may be viewed by the driver, a bell crank lever rockable on the member, a link connecting one arm of the bell crank lever with the rockable mirror and a second link connected with the other arm of the bell crank lever, the free end of the second link terminating in the driver's compartment adjacent the instrument board so as to permit the adjustment of the rockable mirror from the driver's compartment.

2,065,746
ROPE DRUM FOR AXMINSTER LOOMS
William W. Robertson, Northboro, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application September 24, 1935, Serial No. 41,910
4 Claims. (Cl. 139—123)

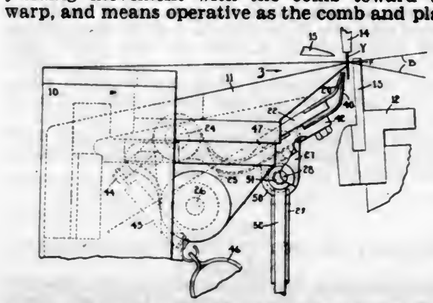


1. In a rope drum for a loom, a drum rim to be rotated about an axis, a sheet metal band extending around the rim, said rim and drum having registering rope receiving openings therein, and means to hold the band to the rim with the rope receiving openings of the band in register with the corresponding openings of the rim, said means and rim having complementarily formed parts including a depression in the rim to deform the sheet metal band and cause a portion thereof to extend into the depression to prevent relative slipping of the band with respect to the rim.

2,065,747
AXMINSTER LOOM
William W. Robertson, Northboro, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application November 29, 1935, Serial No. 52,150
6 Claims. (Cl. 139—9)

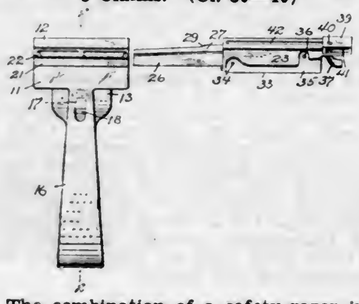
1. In an Axminster loom, a comb, a comb plate, means to give said comb a movement toward the warp, means to give said comb plate

yielding movement with the comb toward the warp, and means operative as the comb and plate



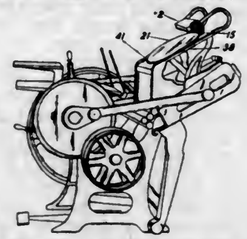
move rearward and effective to limit the upward yielding wovement of the comb plate while the upward movement of the comb continues.

2,065,748
RAZOR AND BLADE MAGAZINE THEREFOR
Octavius Victor Rodrigues, Passaic, N. J., assignor to Magazine Repeating Razor Company, New York, N. Y.
Application May 23, 1935, Serial No. 22,938
5 Claims. (Cl. 30—40)



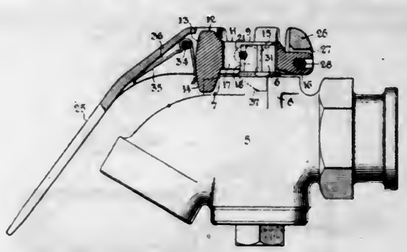
1. The combination of a safety razor including a blade platform and top plate, spring means for resiliently holding the top plate in place, said means including a bent portion forming a passage, with a magazine of blades including a blade projecting mechanism, and a finger in the magazine adapted to enter the passage, said finger being tapered in two directions to engage the walls of the passage whereby the top plate is both raised and moved rearwardly.

2,065,749
PLATEN JOB PRESS OF THE REVOLVING DISK TYPE
George A. Rutkoskie, Athens, Ohio, assignor to The McBee Company, Athens, Ohio, a corporation of Ohio
Application December 16, 1933, Serial No. 702,679
4 Claims. (Cl. 101—293)



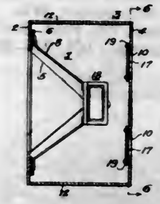
1. The combination with a printing press having a bed and movable platen with inking means including a revolving inking disk and form rollers adapted to be moved across and in contact with said bed and disk, of a heated ink fountain, fountain roller and vibrator roller in said inking means, electrical heating elements in said inking disk, stationary contacts carried by the press and engaging the disk to supply electrical current to the same during rotation, and means for heating said bed.

2,065,750
ANGLE COCK
Lewis A. Safford, Watertown, N. Y., assignor to The New York Air Brake Company, a corporation of New Jersey
Application April 17, 1936, Serial No. 74,979
3 Claims. (Cl. 251—165)



3. The combination of a cock comprising a body having locking lugs and a rotary member; a handle hingedly connected with said rotary member and having locking lugs which in one position of the handle engage the lugs on said body to prevent rotation of said handle, and in another position of the handle clear said lugs to permit rotation; locking means releasable by bodily motion of the handle in a direction transverse to the axis of said rotary member, for holding the handle in the lug engaging position; and yielding means resisting the last named motion of the handle.

2,065,751
ACOUSTIC RESISTANCE DEVICE
Marvel W. Scheldorf, Haddon Heights, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application December 31, 1935, Serial No. 56,989
20 Claims. (Cl. 181—31)



1. In combination with a direct acting acoustic diaphragm, means for actuating said diaphragm for the radiation of sound waves, means providing an enclosed baffle around said diaphragm to prevent interference between sound waves generated by the front and rear surfaces of said diaphragm,

and relatively rigid means disposed in said baffle for offering substantially pure acoustic resistance to the passage of sound waves and characterized by a sheet of woven metal strands having a multiplicity of small apertures, the thickness of said sheet being of the same order of magnitude as the minimum distance between opposed edges of said apertures.

9. An acoustic resistance device comprising a sheet of lattice network having a multiplicity of restricted apertures and a metallic frame for mounting said sheet, said network being characterized by a thickness that is smaller in dimension than the average diameter of said apertures.

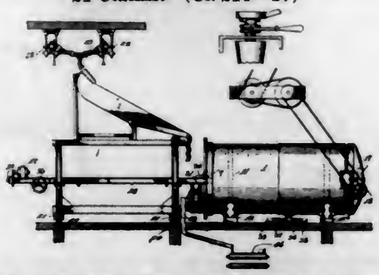
2,065,752

FOOD TREATING APPARATUS

John Schmidt, Buffalo, N. Y., assignor to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware

Application September 30, 1932, Serial No. 635,678

21 Claims. (Cl. 214—17)



1. An apparatus for marshalling and loading canned goods into retorts or sterilizing chambers comprising a battery of chambers, a trackway leading laterally across the open ends of said chambers, a loading device supported by said trackway and adapted to be moved therealong from chamber to chamber, a removable canned goods cage in each chamber, means of engagement between the said loading device and each of said cages, power means carried by said loading device to withdraw said cages from said chambers, can marshalling and delivering means carried by said loading device to direct the can goods into said cages while they are withdrawn from said chambers, said power means also acting to replace said cages in said chambers as the said canned goods are being loaded therein.

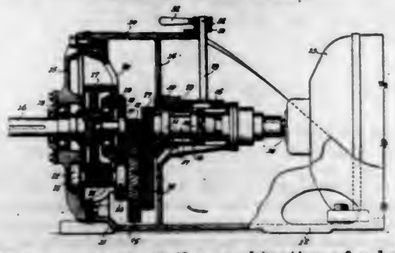
2,065,753

MULTISPEED GEARED MOTOR

Walter P. Schmitter and Louis A. Graham, Milwaukee, Wis.

Application August 20, 1934, Serial No. 740,629

5 Claims. (Cl. 74—363)



3. In a power unit the combination of a housing, a shaft journalled therein, two gears fixed to said shaft, a hollow shaft journalled in said housing, a hollow gear on said hollow shaft engaged with one of said gears, a drive shaft within said hollow shaft, a gear on said drive shaft engageable with the other of said first named gears, said drive shaft being longitudinally shiftable to disengage said last named gear and enter the same into said hollow gear, and means for effecting a driving connection between said drive shaft and hollow shaft when said drive shaft is thus shifted to disengage said gear.

2,065,754

METHOD OF AND MEANS FOR STITCHING NECKTIES

Carl Schramm, North Coventry, Conn., assignor to The Smyth Manufacturing Company, Hartford, Conn., a corporation of Connecticut

Application July 22, 1936, Serial No. 91,853

8 Claims. (Cl. 112—174)



1. An apparatus for stitching ties which comprises a bed, a comb with transversely movable teeth mounted on the bed, transversely movable clamping jaws adapted to be engaged with said teeth, means for moving said teeth and clamping jaws toward and from each other, a comb with teeth adapted to be meshed with the teeth of the first mentioned comb, means for meshing and demeshing the teeth of the combs, a needle adapted to be moved longitudinally and passed transversely through openings in the comb teeth when they are meshed, and means for reciprocating said needle.

2,065,755

SMOKER'S PIPE

Elmer H. Schwarz, Detroit, Mich.

Application June 20, 1935, Serial No. 27,463

4 Claims. (Cl. 131—12)



1. A bowl for a pipe having a bore with downwardly and inwardly sloping sidewalls forming a substantially inverted cone, and a communicating passage of greater length than the diameter at the smallest end of the bore, in combination with a stem having a passage in alinement with the first-named passage and a mouthpiece in longitudinal slidable contact relation with the stem, said mouthpiece having a tube mounted for reciprocal movement in both passages and adapted in one position to completely close the bottom of the bore of the bowl and in a second and smoking position to completely open the bottom of the bore of the bowl, said tube in its closed position being adapted to function as a pattern for the formation of an arch of tobacco in said bore.

2,065,756

HYDROGENATED ESTERS

Norman D. Scott, Sanborn, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application November 5, 1934, Serial No. 751,581. Renewed May 15, 1936

12 Claims. (Cl. 260—99.40)

1. A process comprising hydrogenating an ester of a dicarboxy dihydro polycyclic aromatic hydrocarbon.

7. An ester of tetrahydronaphthalene-1,4-dicarboxylic acid.

2,065,757

MANUFACTURE OF CELLULAR PRODUCTS

Walter M. Scott, Wellesley, Mass., assignor, by mesne assignments, to Elizabeth M. Carsley, Boston, Mass.

No Drawing. Application May 17, 1934, Serial No. 726,192

1 Claim. (Cl. 106—18)

The method of making a cellular product which comprises mixing a filler with an aqueous liquid containing a sodium silicate solution, beating the mixture to aerate the same to form a cellular foamy mass of predetermined increased volume, and so enclosing the atmosphere in contact with the mixture during the beating operation as to maintain in said atmosphere a substantially uniform amount of the vapors of said liquid.

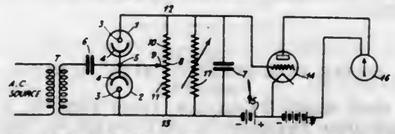
2,065,758

LIGHT RESPONSIVE DEVICE

Francis H. Shepard, Jr., Rutherford, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware

Application March 8, 1935, Serial No. 9,931

4 Claims. (Cl. 250—41.5)



1. In a photometer; two phototubes, each with an anode electrode and a light responsive cathode electrode; a connection common to one electrode in each phototube; a source of alternating current coupled on the one hand to the common connection and on the other to the remaining electrodes of said phototubes, an impedance connected between said remaining electrodes with a point intermediate the ends of the impedance connected to said common connection; a thermionic relay, and means for coupling the input circuit of said relay across at least a portion of said impedance.

2,065,759

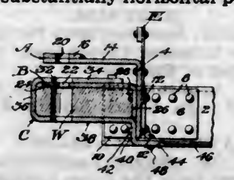
END CONSTRUCTION FOR MINE CARS

Robert A. Shields, Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y., a corporation of New Jersey

Application October 8, 1935, Serial No. 44,087

10 Claims. (Cl. 105—364)

1. In a mine or similar rail car having a floor, side sills and an end sill connecting said side sills, means connected to said end sill to form a composite end construction, at least one of said means being formed of plate metal to present a vertical end sill reinforcing portion and substantially horizontal spaced apart portions, one of said substantially horizontal portions being



adapted to support a portion of the car floor, and the other substantially horizontal portions being joined by a substantially vertical bumping face.

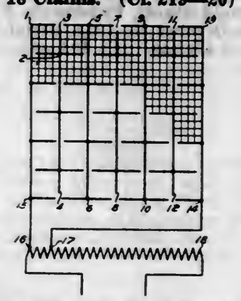
2,065,760

ELECTRICAL HEATING DEVICE

John Hays Smith, Camp Hill, Pa.

Application November 25, 1931, Serial No. 577,280

18 Claims. (Cl. 219—20)



2. As an article of manufacture, a heating body of relatively non-conducting material having imbedded therein a plurality of sets of branching conductor wires, each set being energized from a source of potential, a plurality of networks of resistor wires fed by said plurality of branching conductor wires, the resistor wires bridging the conductor wires; and floating conductor wires likewise branching in themselves and not connected to a source of potential, and serving to distribute and collect current to and from each network, the whole constituting a plurality of electrically connected series and parallel circuits, and forming a compound electrical network.

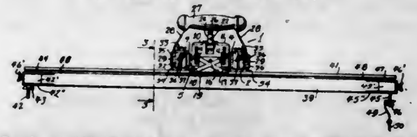
2,065,761

CUTTING AND BEVELING TOOL

Sanford H. Smith, San Francisco, Calif.

Application June 14, 1933, Serial No. 675,865

3 Claims. (Cl. 164—83)

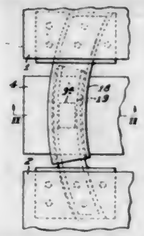


2. A cutting and beveling tool comprising a body, a strap hinged to the bottom of the body and being swingable into various angular positions, means for securing the strap in adjusted position, a blade holder adjustably carried by the strap and being extendible, after the strap has been secured in the desired angular position, so that the holder just clears the work, and a blade adjustable in the blade holder and being extendible below the bottom of the holder, the portion of the blade projecting below the holder being equal to the depth of the desired cut.

2,065,762
PRODUCTION OF FINELY DIVIDED MATERIAL
Edmund Stanley, Spondon, near Derby, England, assignor to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application January 28, 1932, Serial No. 589,538. In Great Britain February 3, 1931
5 Claims. (Cl. 83—94)

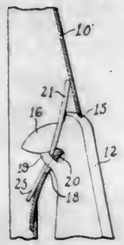
1. Process for effecting subdivision of substances selected from the group consisting of pigments and organic dyestuffs, which comprises milling said substances in an aqueous medium containing from 5 to 15% of a volatile compound soluble in the aqueous medium and selected from the group consisting of alcohols, ketones, and esters.

2,065,763
SIDE BEARING
Arnold Stucki, Pittsburgh, Pa.
Application October 10, 1935, Serial No. 44,338
5 Claims. (Cl. 105—4)



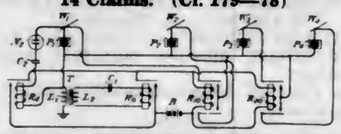
2. The combination with a car truck having a bolster, of articulated car bodies pivotally mounted at their ends on said bolster, side bearing arms mounted on said ends of the car bodies and projecting over said bolster with the arms on one car overlapping those on the other car, and means for limiting vertical movement of the overlapping arms away from each other.

2,065,764
CASKET HANDLE
Alec Y. Stilson, New Haven, Conn., assignor to Sargent & Company, New Haven, Conn., a corporation of Connecticut
Application March 30, 1936, Serial No. 71,626
7 Claims. (Cl. 16—112)



1. A casket handle comprising a plate and an arm pivotally connected thereto and supporting a handle bar from the plate, said arm having a portion at its upper end extending through an opening in the plate, and a spring engaging said plate and the extending portion of said arm to maintain the plate and arm in snug relation against rattling.

2,065,765
ELECTRICAL PROTECTIVE SYSTEM
Leland Kasson Swart, Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application October 11, 1934, Serial No. 747,980
14 Claims. (Cl. 179—78)

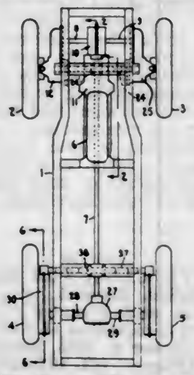


1. Protective apparatus for a current-carrying conductor exposed to inductive interference comprising a protector block, a reactor connected between ground and the current-carrying conductor through said protector block, and a gas filled tube bridged across said protector block by conductors which remain permanently closed.

2,065,766
MANUFACTURE OF ARTIFICIAL PRODUCTS
William Ivan Taylor, Spondon, near Derby, England, assignor to Celanese Corporation, a corporation of Delaware
No Drawing. Application January 9, 1933, Serial No. 650,855. In Great Britain January 18, 1932
4 Claims. (Cl. 18—54)

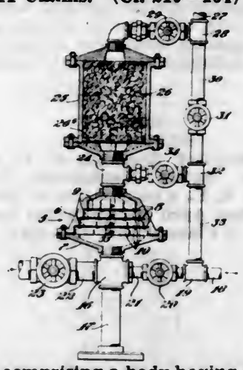
1. Process for the manufacture of bulbous artificial filaments, which comprises spinning in an evaporative atmosphere a solution of an organic derivative of cellulose and an aliphatic hydroxy-acid which is incompatible with said organic derivative of cellulose, which is solid at the spinning temperature and which separates from the solution in crystalline form, the proportion of organic derivative of cellulose being at most 23% by weight of the solution and the total solid content being at least 25% by weight of the solution.

2,065,767
DRIVE FOR INDIVIDUALLY SPRUNG WHEELS
Seth Waldo Thompson, Essex Fells, N. J.
Application December 6, 1934, Serial No. 756,242
8 Claims. (Cl. 180—43)



1. The combination with a rotatably mounted driving shaft, of a driven shaft, a wheel connected with said driven shaft to rotate therewith, an arm pivoted about said driving shaft and in which said driven shaft is rotatably mounted, cranks on said driving and driven shafts, a link connecting said cranks and a third shaft journaled in said arm intermediate said driving and driven shafts, and having a crank with its pin journaled in said link.

2,065,768
FILTER
Ernest E. Trafton, Boston, Mass., assignor to Avite Products, Inc., Charlestown, Mass., a corporation of Massachusetts
Application October 27, 1934, Serial No. 750,331
11 Claims. (Cl. 210—164)



1. A filter comprising a body having an internal annular seat, a flexible filtering screen engaging the seat, and a skeleton frame to support the screen in position normally to engage the seat, said skeleton frame being so constructed and arranged as to engage and support the middle area of the screen but to leave the margin of the screen unsupported, whereby said margin of the screen may flex away from the seat when subjected to fluid pressure on the side away from the frame.

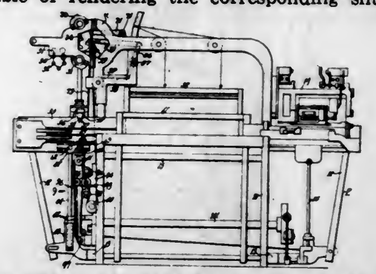
2,065,769
COATED OBJECT AND PROCESS OF MAKING THE SAME
Emory H. Trussell, Newark, N. J., assignor to Beckwith-Chandler Company, Newark, N. J., a corporation of New Jersey
Application March 6, 1934, Serial No. 714,302
11 Claims. (Cl. 91—68)



1. A process of manufacturing a coated metal object, which process comprises applying to a surface of said object a cellulose ester composition to form a solid film that is not dissolved by low-boiling hydrocarbons alone, applying directly to the surface of said film a solution of cellulose ether in a solvent containing low-boiling hydrocarbon liquid in such proportion that the solvent does not soften the said film, and permitting the said solution to dry on the said film to thereby form a smooth, finished surface.

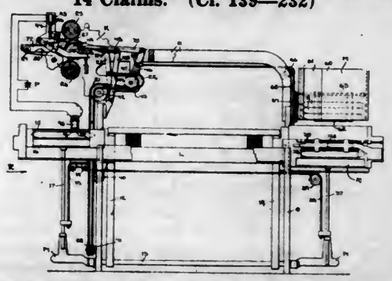
2,065,770
LOOM WITH SHUTTLE BOXES WHICH SHIFT TO DETECT WEFT
Richard G. Turner, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application June 11, 1934, Serial No. 729,987
11 Claims. (Cl. 139—233)

1. In a loom, a lay, shifting shuttle boxes at one end of the lay, a weft detector above the boxes and secured to the lay to cooperate with the shuttle in the upper box when the boxes are raised, a second detector secured to the lay below the boxes to cooperate with the lower shuttle when the boxes are lowered, each shuttle box capable of rendering the corresponding shuttle



active during a period of successive picks, and means operative between the boxing and subsequent pick of an active shuttle during the period of picks in which the shuttle is active to move the shuttle box toward and from the detector corresponding to the active shuttle.

2,065,771
SHUTTLE CHANGING LOOM
Richard G. Turner, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application January 31, 1935, Serial No. 4,373
14 Claims. (Cl. 139—232)

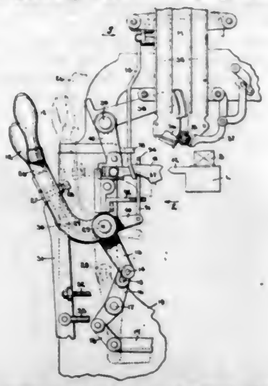


1. In a shuttle changing loom, a shuttle magazine to supply reserve shuttles, release mechanism to release a reserve shuttle from the magazine, a set of shifting shuttle boxes under the magazine, a vibrator lever, a vibrator gear for the lever, and operative connections between the vibrator gear and the boxes and also the release mechanism to place one of the shuttle boxes in position to receive a reserve shuttle from the magazine when the release mechanism operates.

2,065,772
LOOM TRANSFER REVOKING MECHANISM
Richard G. Turner, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application May 23, 1936, Serial No. 81,442
10 Claims. (Cl. 139—231)

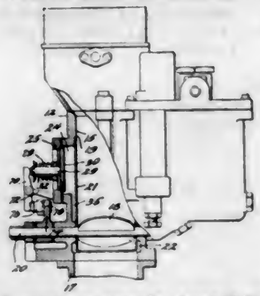
1. In a weft replenishing loom, a lay, a center filling stop motion effective to bring the loom to rest before the lay reaches its foremost position, means to hold a reserve bobbin in transfer position, transfer mechanism effective to complete a transferring movement of the reserve bobbin when the lay reaches forward position, and

means operated by the center stop motion when



acting to stop the loom to prevent the transfer mechanism from engaging the reserve bobbin.

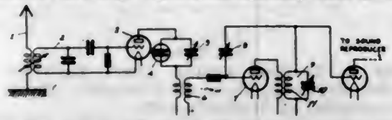
2,065,773
INTERNAL COMBUSTION ENGINE
Cornelius W. Van Ranst, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application March 21, 1932, Serial No. 600,346
6 Claims. (Cl. 123—124)



1. In fuel mixture supply apparatus for use with internal combustion engines, the combination with a passage through which a mixture of combustible fuel and air is delivered to the engine, of throttling means in said passage movable to a position in which the quantity of mixture is reduced to a minimum and a condition of relatively low pressure is temporarily established in that portion of the passage intermediate the throttling means and the engine, and means automatically operable to reduce the richness of the mixture in the passage while the said condition exists and for a brief period only, said last named means comprising an auxiliary air port communicating with said passage, a valve normally closing said port, and means connecting said valve and throttling means operable to open said valve momentarily as said throttling means is moved into the said position only.

2,065,774
ELECTRIC MUSIC TRANSMISSION
Georg von Arco and Fritz Schröter, Berlin, Germany, assignors to Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application August 22, 1931, Serial No. 558,754
In Germany September 2, 1930
3 Claims. (Cl. 179—1)

1. A system of sound production which comprises means for receiving signals representative of fundamental sound frequencies, a local oscillator means for producing a train of damped oscillations having a group frequency and a valve



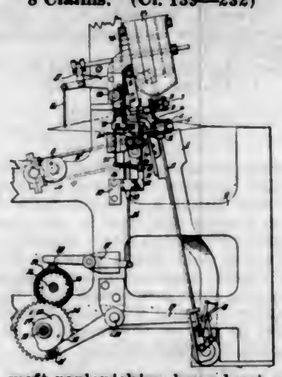
frequency, tunable means for controlling the group frequency of the damped oscillations in accordance with the received signals, and inductance and capacity means for independently adjusting the damping and wave frequency.

2,065,775
RESPIRATOR
Frederick Wahlert, Brooklyn, N. Y., assignor to Pulmosan Safety Equipment Corporation, Brooklyn, N. Y., a corporation of New York
Application April 4, 1935, Serial No. 14,571
3 Claims. (Cl. 183—44)



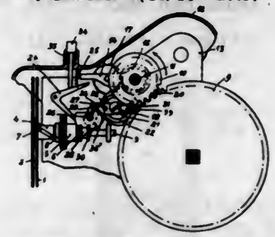
1. A respirator pouch, the walls of which comprise relatively flat bodies of felt whose outer strata are of greater density than their inner strata.

2,065,776
WEFT REPLENISHING PICK AND PICK LOOM
Walter H. Wakefield, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a corporation of Massachusetts
Application June 13, 1934, Serial No. 730,478
8 Claims. (Cl. 139—232)



1. In a weft replenishing loom having a pair of shifting shuttle boxes at each end thereof to cooperate with three weaving shuttles each carrying distinct weft, means to shift the boxes so that each shuttle as active for but one pick at a time and each shuttle has a period of inaction for two successive beats of the loom in one of said shuttle boxes, weft detector mechanism to determine the condition of weft in any shuttle during the first of a pair of successive beats that the shuttle is inactive and in said one shuttle box, a multicolor magazine to supply three different kinds of reserve weft, one corresponding to each of the shuttles, a selector for the reserve wefts, means acting in timed relation with the shuttle sequence to give the selector three different positions, one for each kind of reserve weft, and transfer means to insert any of the three different kinds of reserve weft into the said one shuttle box.

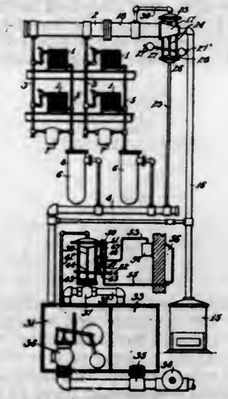
2,065,777
AUTOMATIC OBTURATOR WITH VARIABLE OPENING FOR CINE-PICTURE TAKING APPARATUS
Jean Weissbrodt, Boulogne-sur-Seine, France
Application May 22, 1935, Serial No. 22,856
In France May 23, 1934
9 Claims. (Cl. 88—19.3)



1. An obturating device for cinematographic cameras, comprising two shutters having opening sectors of the same size, the first shutter being fixed on a shaft actuated by the motor of the camera, the second shutter being fixed on a sleeve through which the first named shaft passes, the sleeve being provided with a helicoidal groove, the shaft having a pin entering the said groove of the sleeve, a crank handle adapted to effect a sliding movement of the carrying sleeve of the second shutter and for bringing about a variation in the position of the two shutters relatively to each other, a coupling device for inducing the operation of the said crank handle by means of the motor of the camera in a continuous and uniform manner, the said coupling device comprising a pinion meshing with a crown gear actuated by the motor of the camera, the said pinion being fixed to a shaft, a second pinion actuated by said shaft, a lever in slide friction on the said shaft, a third pinion loosely mounted on the said lever and in engagement with the second pinion actuated by the shaft, a fourth pinion adapted to enter into engagement with the third pinion when the lever is lowered towards the same, a cam fixedly connected with the fourth pinion, a rod connected with the cam and carrying a supporting shaft of the crank handle, the end of which is slidable in the supporting shaft of the first obturator for the purpose described.

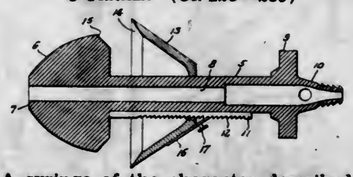
2,065,778
HEATING SYSTEM CONTROL
William P. Whittington, Indianapolis, Ind.
Application June 24, 1929, Serial No. 373,299
3 Claims. (Cl. 237—9)

1. The combination of a heating unit having a supply of heating fluid thereto and a return therefrom, a valve in the return for regulating the pressure imposed upon the return, a device responsive to change of temperature at a selected location affecting the required heat output of the heating unit for exerting a variable controlling pressure increasing with increase of temperature, and means for adjusting said valve to intermediate positions dependent upon the relative values of said controlling pressure and the pressure im-



posed upon said return, an increase of said controlling pressure tending to open said valve and a decrease of the pressure imposed upon the return tending to close said valve.

2,065,779
SYRINGE
Alonzo J. Williams, McLoud, Okla.
Application August 22, 1936, Serial No. 97,469
3 Claims. (Cl. 128—239)

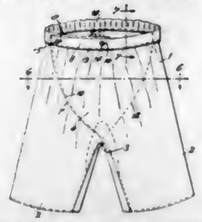


1. A syringe of the character described comprising an elongated tube provided with an enlarged head at one end thereof, an annular clamp member slidable on the tubular member adapted to be urged toward the head, securing means between the clamping member and the tubular member, said securing means comprising an elongated member on the tubular member provided with ratchet teeth, and a detent on the clamp member engageable with the ratchet teeth.

2,065,780
GARMENT
Vera N. Weiss, University City, Mo.
Application November 23, 1934, Serial No. 754,432
2 Claims. (Cl. 2—237)

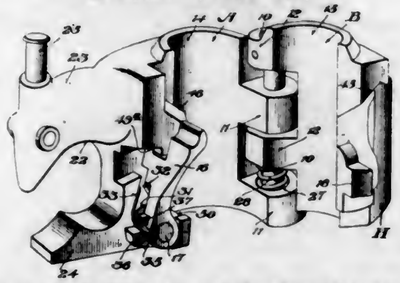
1. A trousers garment or shorts composed of light and thin material and including a body portion and legs forming a crotch, said body portion being open at the front from the crotch to the upper end of the garment and the front of the garment including inner and outer overlapping portions, the free edge of said inner overlapping portion extending vertically from the crotch to the upper end of the garment and said outer overlapping portion extending upwardly and laterally from said crotch to the upper end of the garment near the opposite side of the garment, a symmetrical V-shaped section having one edge attached to the edge of the outer overlapping section and the opposite edge attached to the garment beyond the free edge of the inner overlap-

ping portion, waistband sections attached to the upper ends of said overlapping sections respectively, a sleeve connecting the outer ends of said waistband sections and attached to the upper end of the body of the garment between said sections, a band slidable in said sleeve and having one end attached to the rear end of the waistband section



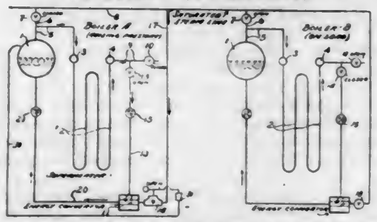
that is in connection with said outer overlapping portion and the opposite end extending beyond said sleeve, means for fastening together the waistband sections to hold said overlapping portions in close relationship, and means for attaching the extended end of said band to the adjacent waistband section.

2,065,781
WELL ELEVATOR
William W. Wilson, Los Angeles, Calif.
Application September 7, 1935, Serial No. 39,634
21 Claims. (Cl. 24—248)



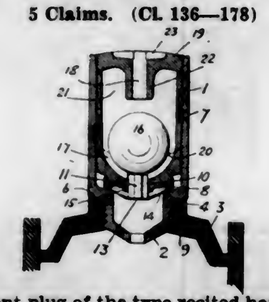
1. In a casing elevator, a plurality of work engaging jaws adapted to engage around a casing, latching mechanism carried by said jaws, and means included in said latching mechanism for latching said jaws in a plurality of positions.

2,065,782
STEAM GENERATING AND SUPERHEATING INSTALLATION
John Edwin Wood, Eltham, England, assignor to The Superheater Company, New York, N. Y.
Application January 21, 1936, Serial No. 60,058
In Great Britain December 31, 1934
12 Claims. (Cl. 122—459)



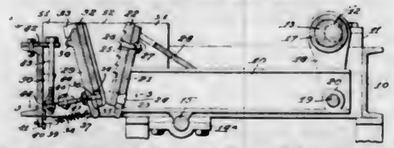
1. The method of protecting a steam superheater of a boiler from overheating during pressure raising, which consists in flowing through the superheater and returning to the boiler steam generated in the boiler, the flow of steam from and its return to the boiler being effected by flowing into the boiler through an appropriate apparatus connected to the superheater outlet and to the boiler aqueous fluid supplied to such apparatus at a pressure higher than the then existing boiler pressure, the aqueous fluid in flowing through such apparatus inducing the flow of steam through the superheater and thereafter carrying such steam with it into the boiler.

2,065,783
NONSPILL VENT PLUG
Joseph Lester Woodbridge, Philadelphia, Pa., assignor to The Electric Storage Battery Company, Philadelphia, Pa., a corporation of New Jersey. Application May 3, 1935, Serial No. 19,638
5 Claims. (Cl. 136—178)



2. A vent plug of the type recited having a vent passage including a seat and provided with a weight-operated resilient pliable diaphragm fixedly supported at its rim and having a central imperforate portion co-operating with the seat to open and close the passage and having a perforated portion between its rim and its central imperforate portion to provide a vent through the diaphragm when the device is in normal position, and a weight element operatively arranged in respect to the diaphragm and responsive to tilting motion of the plug.

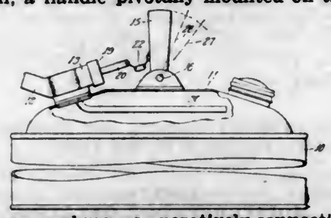
2,065,784
LEVER JAW CRUSHER
Charles J. Zillgitt, Pasadena, Calif.
Application December 11, 1933, Serial No. 701,829
3 Claims. (Cl. 83—53)



1. In a lever jaw crusher, a fulcrumed lever, a jaw carried by the end of the short arm of said lever, a fixed jaw positioned in front of said lever carried jaw, a pair of plates for supporting the lower portion of the fixed jaw, a sheer pin connecting said plates and means for adjusting said fixed jaw toward or away from said lever carried jaw.

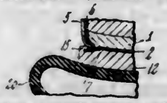
2,065,785
CONTAINER FOR LIQUIDS
Rudolph J. Anschicks, Chicago, Ill., assignor to Protectosea Company of America, Chicago, Ill., a corporation of Illinois
Application March 24, 1936, Serial No. 70,594
2 Claims. (Cl. 221—17)

1. In a can of the kind described, a valve casing mounted on the top of the can and providing a chamber opening into the can, a discharge spout connected with said chamber, said casing providing a vent conduit opening into the can, a piston plunger normally closing said chamber and vent conduit to the passage of fluid, resilient means yieldingly holding the plunger in closed position, a handle pivotally mounted on the top



of the can, and means operatively connecting the handle with the plunger whereby the plunger remains closed when the handle is initially rotated a substantial amount from the position it normally occupies when the can is suspended therefrom and is moved by further rotation of the handle to open both the spout and vent conduit.

2,065,786
SHOE AND METHOD OF MAKING THE SAME
Fred L. Ayers, Watertown, Mass.
Application March 1, 1935, Serial No. 8,892
17 Claims. (Cl. 12—142)

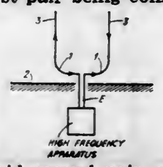


1. A shoe having a sole presenting at its outer edge the edge of the sole stock and having an inwardly extending marginal lip on its upper face attached thereto adjacent its outer edge, and means comprising upper materials and an element to which said upper materials are lasted and secured, said means presenting an outwardly extending part interposed between the inner edge of said lip and the upper face of said sole and terminating inwardly of the attachment of said lip to said sole, the adjacent faces of said part and lip being secured together and positioned substantially wholly inwardly beneath the shoe upper above said sole.

15. The method which comprises lasting a shoe and securing the margins of the upper to a marginal feather at the lower face of an innersole, outwardly channeling an outer sole and turning the channel lip outwardly, cementing said outer sole to the lasted shoe with said feather and upper margin inwardly of said lip and with said lip covering the line of inseam securement, pressing the lip down over the upper margins and feather, permitting the cement to harden, and then finishing the portion of said outer sole extending outwardly beyond the upper.

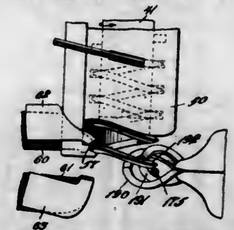
2,065,787
SYMMETRICAL ANTENNA FOR SHORT OR ULTRA-SHORT ELECTRICAL WAVES
Walter Berndt and Albrecht Gothe, Berlin, Germany, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application August 1, 1935, Serial No. 34,195
In Germany August 31, 1934
2 Claims. (Cl. 250—11)

1. An antenna system comprising a reflector surface, a pair of radiating wires substantially in the same line and substantially parallel to said surface, a pair of substantially parallel wires substantially perpendicular to said surface and located on the same side of said surface as said first pair, said pairs of wires being in a single plane which is perpendicular to said surface, each wire of said first pair being connected to one of



the wires of said second pair, whereby there is obtained a U-shaped arrangement, the overall length of each wire of the first pair and the wire of the second pair to which it is connected, being greater than one-half wave length, and high frequency apparatus connected to the wires of the first pair at their adjacent ends.

2,065,788
CHAIN MACHINE
William F. Biedermann, Providence, R. I., assignor to Federal Chain Company, a corporation of Rhode Island
Application November 9, 1936, Serial No. 109,909
10 Claims. (Cl. 59—16)

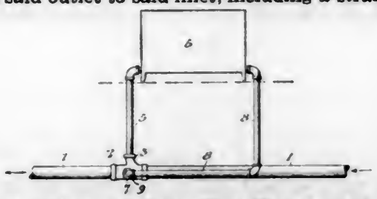


1. In a chain machine, mechanism for forming curbed chain links including means for holding the last formed link for the insertion of wire therethrough, probing means having a portion insertable in the previously formed link and operating to positively position said previously formed link for the reception of said wire for the next link therethrough, whereby two previously formed links are embraced by each link as formed, and means to effect a longitudinal and also a lateral movement of said probing means for positioning the previously formed link.

2,065,789
WATER CIRCULATING MEANS
Raymon C. Bolsinger, Collingswood, N. J., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa., a corporation of Delaware
Continuation of application Serial No. 727,078, May 23, 1934. This application January 25, 1936, Serial No. 60,812
11 Claims. (Cl. 237—59)

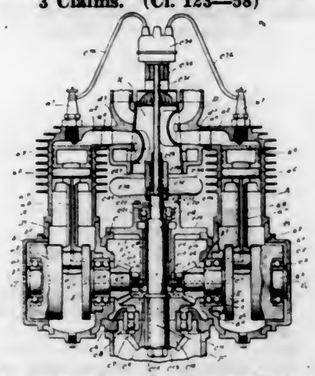
6. In a water circulating system, the combination with a main; of a fitting formed of a single casting having a tubular body portion with axially alined internal screw threads at respectively opposite ends thereof connected in said main and having a laterally projecting outlet branch with an internal screw thread; another laterally extending branch on said body with an internal screw thread and forming an inlet; the axis of said inlet branch being tangential to the axis of

said outlet branch, transverse to the axis of said outlet branch and obliquely transverse to the axis of the fitting, and offset with respect to the fitting axis in a direction away from said outlet branch; conduit means forming a shunt circuit from said outlet to said inlet, including a straight



pipe extending parallel with said main; a baffle member extending inwardly with respect to the axis of said body portion between said outlet and inlet for diverting a portion of the water supplied to said fitting outwardly through said outlet and shunt circuit and back into said inlet.

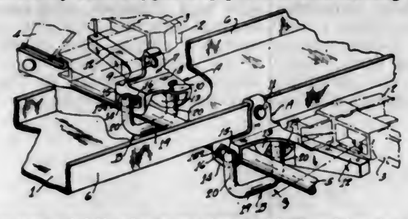
2,065,790
INTERNAL COMBUSTION ENGINE
John Braunwalder, Los Angeles, Calif.
Application March 6, 1933, Serial No. 659,856
3 Claims. (Cl. 123—58)



3. In an internal combustion engine a central housing provided with plural sides having an opening therein, the axial ends of said central housing provided with bearings, a mastershaft mounted rotatably in said bearings and provided with a master gear within said central housing, a plurality of individual cylinder units provided with a crank case secured each to a side of said central housing, a piston and connecting rod provided in said cylinders, said connecting rod adapted to rotate a crankshaft in said crank case, said crankshaft provided with a disk rotatable therewith and recessed at one end thereof and surrounding rotatably a bearing in said crank case, said crankshaft provided with a pinion extending into said central housing and adapted to mesh with and rotate said master gear.

2,065,791
BRAKE GEAR GUARD
Edwin G. Busse, Chicago, Ill., assignor to Chicago Railway Equipment Company, Chicago, Ill., a corporation of Illinois
Application September 4, 1934, Serial No. 742,570
23 Claims. (Cl. 188—210)

1. In combination in a railway truck, a member having a supporting portion and having a shoulder, and a brake bottom rod guard movably carried by said supporting portion and having an

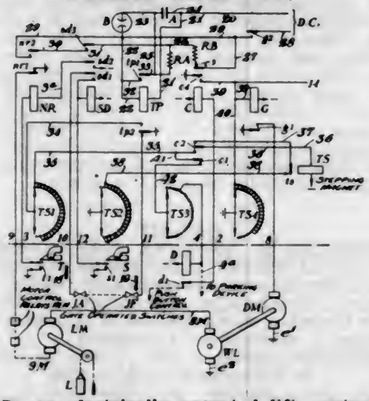


element yieldingly engaging said shoulder to resist relative movement of said guard.

2,065,792
MOISTUREPROOF GELATINE
William Hale Charch, Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application August 9, 1928, Serial No. 298,634
1 Claim. (Cl. 91—68)

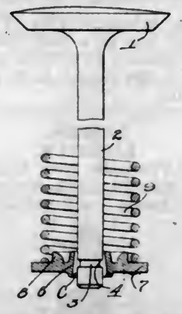
In a method of making a transparent, flexible, non-tacky and moistureproof sheet material suitable for use as a wrapping tissue wherein the moistureproof coating effectively adheres and is secured to the base, the steps which comprise treating the surface of a film of gelatine with an aqueous solution containing 1 to 2% of acetic acid at a temperature of approximately between 50° to 90° C. for approximately 1 to 10 minutes to form a hydrolyzed gelatine surface to which a moistureproof composition will effectively adhere, and thereafter applying to the hydrolyzed surface a moistureproofing composition comprising a cellulose derivative and a wax in proportions to produce a transparent, flexible, adhering, non-tacky and moistureproof coating, whereby a moistureproof coating is effectively secured to the gelatine base sheet or film.

2,065,793
ELECTRICALLY OPERATED LIFT
Alexander Albert Chubb, Coventry, England, assignor to The General Electric Company Limited, London, England
Application April 19, 1935, Serial No. 17,247
In Great Britain June 4, 1934
8 Claims. (Cl. 172—152)



7. In an electrically operated lift controlling system the combination with a motor for operating the lift, of a relay for operating the lift motor, delay-period means adapted to maintain said relay actuated and the motor operating while said delay-period means is in operation for effecting normal delay periods, clock controlled means comprising a step-by-step wiper switch, having at least one bank of contacts, arranged to be stepped at predetermined intervals by the clock and terminal means for connecting certain of said contacts together for maintaining said relay operated for preselected definite periods during the day, independently of said delay-period means.

2,065,794
VALVE SPRING RETAINER LOCK
Archie T. Colwell, Cleveland, Ohio, assignor to Thompson Products Incorporated, Cleveland, Ohio, a corporation of Ohio
Application October 8, 1934, Serial No. 747,318
4 Claims. (Cl. 251—144)



1. A valve comprising a head and a stem having a recessed peripheral portion and being of uniform cross-sectional size between said portion and said head, in combination with a valve-spring abutment plate disposed about said stem and formed with an internal downwardly flaring open-ended cone, and a plurality of rigid members disposed about said stem and together constituting a composite split locking bush having an external downwardly flaring conical face corresponding in form to the internal form of the cone of said plate and being formed with an axial central opening to clamp upon the external face of said stem between said portion and said head, each said member having an inwardly presented lug of less radial length than the depth of the cooperating recess in said recessed portion to fit therein and engage the wall thereof to locate the respective members axially of said stem, said members engaging the opposed external face portions of said stem between said recessed portion and said head and being forced inward by said plate to rigidly clamp about said stem, said members being of such size and shape that as applied about said stem their adjacent edges will be spaced from each other.
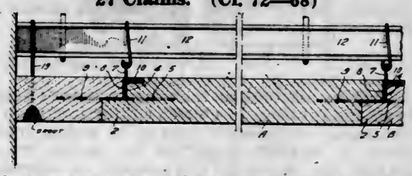
2,065,795
APPLICATOR
Henry F. Colvin, South Orange, N. J.
Application July 29, 1936, Serial No. 93,168
5 Claims. (Cl. 128—230)

1. An applicator comprising internal and external tubular members telescopically connected together, the external member being a relatively long narrow tube adapted to be inserted into a relatively deep cavity approximately throughout the depth thereof, the external member having a stop therein intermediate its ends for the internal tube and having a chamber therein between said stop and an end of said external tube when the tubes are relatively extended, said external tube having a discharge orifice at the last-mentioned end, the stop being spaced forwardly substantially from the end of the outer



tube opposite the discharge orifice to provide for a single dose of material in the chamber and to prevent relative extension of the tubes to enlarge the chamber greater than the required dosage, the internal tube having laterally deflected stop means between the stop and discharge orifice for limiting the retraction of the inner tube relative to the external tube.

2,065,796
CEILING STRUCTURE
Clarke F. Davis, Westfield, N. J., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation, a corporation of Delaware
Application February 6, 1932, Serial No. 591,267
27 Claims. (Cl. 72—68)

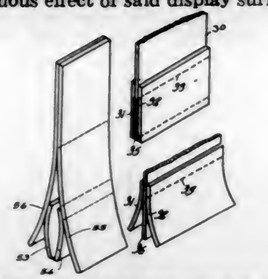


1. A precast slab of set cementitious material having on two opposite edges thereof metallic members, one of said members having an upstanding flange extending substantially the length of the slab, and projecting above the upper surface of the slab and a portion lying substantially flush with the upper surface of the slab.

2,065,797
DISPLAY DEVICE
Harriett H. Davis, Chicago, Ill.
Application February 11, 1935, Serial No. 5,987
4 Claims. (Cl. 40—152.1)

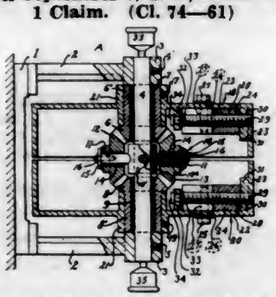
2. A display device of the character described formed from bendable material comprising a vertically disposed upper portion and a lower portion including two outwardly bent supports, said upper and lower portions providing continuous display surfaces extending from the bottom of said supports to the top of said device, said bent supports being secured at their tops to the lower intermediate portions of said vertically disposed upper portion, said outwardly bent supports being bent

gradually over a relatively large area so as to provide the required amount of deflection for adequate support without rupturing the fibers of the material employed and without destroying the continuous effect of said display surfaces, and



said vertically disposed upper portion having an extension projecting downwardly between said supports and being adapted to engage with a supporting surface to aid in maintaining said device in upright position.

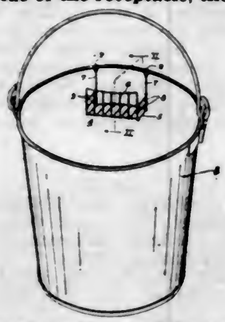
2,065,798
SHAKING MECHANISM
Henry Clay Dempsey and Edgar Peter Stimmel, Decatur, Ill., assignors to Union Iron Works, Decatur, Ill., a corporation of Illinois
Application September 7, 1934, Serial No. 743,074
1 Claim. (Cl. 74—61)



A shaking mechanism including a pair of drums geared for rotation in opposite directions, one of said drums constituting means to which rotary motion is directly imparted by power means whereby the shaking mechanism is operated, weights supported by said drums, adjusting screws for adjusting said weights toward and from the centers of said drums, and screw-threaded locking elements for locking said weights in positions to which they have been adjusted, said screw-threaded locking elements comprising cap screws which extend through slots formed in the side portions of said drums and are seated in said weights.

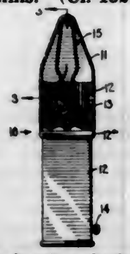
2,065,799
SOAP RECEPTACLE
Joseph L. Fine, Pittsburgh, Pa.
Application June 19, 1936, Serial No. 86,048
2 Claims. (Cl. 45—28.3)

1. A holder comprising two sides connected at their adjacent edges, in right-angular relationship, hanger bars connected to one of the sides, at its corners which are remote from said adjacent edges, the hanger bars being disposed substantially in parallelism with the other side, and means for pivotally connecting the hanger bars to the edge of a receptacle, the parts being so arranged that when the holder is within the receptacle, one side will serve as a bottom for the holder and the other side extend upwardly therefrom to form a side wall therefor, and when in position outside of the receptacle, the last-named



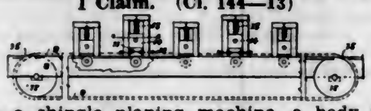
side will serve as a bottom wall for the holder and the first-named side as a side wall therefor, the side of the receptacle serving as a third wall for the holder when the holder is in either its inner or outer position.

2,065,800
LIPSTICK
Samuel Freeman, New York, N. Y.
Application May 16, 1933, Serial No. 671,297
9 Claims. (Cl. 132—79)



1. In a lipstick shaping device of the class described, in combination with a casing, a lipstick reciprocable with respect to said casing, pressure rollers carried in said casing and adapted to contact with at least some of the surfaces of the lipstick as the same is reciprocated, said pressure rollers being adapted to maintain and impart a tapered contour to said lipstick.

2,065,801
SHINGLE PLANING MACHINE
Ernest E. Gilmer, Portland, Oreg.
Application September 9, 1935, Serial No. 39,787
1 Claim. (Cl. 144—13)



In a shingle planing machine, a body having a plane bed, and supports for two or more cutter head frames, said frames having bearings supporting cutter heads and operating vertically in said supports, cutter heads journaled in the bearings in said frames and arranged to surface cut the top side of a tapered shingle advanced along said bed, endless chains operating on both sides of said plane bed, sectional tapered gauge links attached to said chains designed to contact the under-side of gauge blocks attached to the frames, said gauge links having a continuous

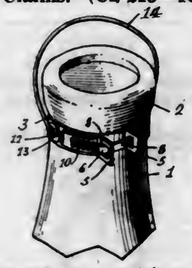
taper corresponding to the taper of a shingle, means for adjusting the gauge blocks regulating the depth of cut or groove on said tapered shingle, means for adjusting said movable bearings regulating the point of beginning of cut or grooving on said shingle surface, the cut formed in the shingle by one cutter head being disposed in parallel with the upper face of the shingle and the cut formed by another cutter head beginning at a point intermediate the ends of the shingle and progressing to the thicker end of the tapered shingle in a line practically parallel to the lower surface of said shingle, producing two separate forms of cutting or grooving on the tapered shingle in single progression through the length of the machine.

2,065,802
ARC EXTINGUISHING DEVICE
Herbert C. Graves, Jr., East Bradford Township, Chester County, Pa., assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa., a corporation of New Jersey
Application May 20, 1933, Serial No. 672,028
8 Claims. (Cl. 173—318)



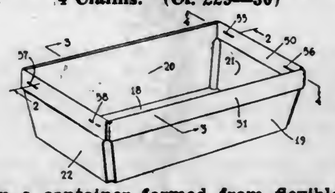
1. In an insulator unit provided with a bore through the body thereof, means for relieving the dielectric strain of the insulator comprising a stack of transverse pressure withstanding laminations within the insulator body, a preponderant number of which are formed of insulating material of a character which when subjected to an arc liberates chilling gases, openings in said laminations to form through the central portion of the stack an arc extinguishing chamber, the sides of each lamination overlapping a portion of the openings of adjacent laminations to form between opposite surfaces of each lamination at least one ridge and at least one pocket, closure means for the respective ends of said chamber cooperating to press said laminations tightly against each other, and a laterally extending vent at the lower end of said insulator, the gases generated within said arcing chamber flowing axially of said chamber and discharging through said laterally extending vent.

2,065,803
BOTTLE CARRIER
Joseph Auguste Raymond Grenier, Montreal, Quebec, Canada
Application August 17, 1936, Serial No. 96,427
In Canada June 20, 1936
2 Claims. (Cl. 215—100)



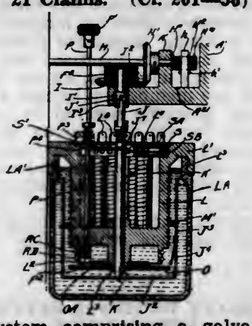
1. A bottle carrier comprising a flexible split ring adapted to fit around the neck of a bottle, a hooked member fastened to one end of said ring, the other end of said ring having a series of apertures adapted to selectively receive said hooked member, outward projections at the extremities of said ring, said projections being apertured for the passage of said member therethrough.

2,065,804
FRUIT BASKET
Reynolds Guyer, St. Paul, Minn., assignor to Waldorf Paper Products Company, St. Paul, Minn., a corporation of Minnesota
Application May 15, 1933, Serial No. 671,126
4 Claims. (Cl. 229—30)



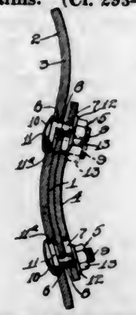
1. In a container formed from flexible sheet material and open at the top, said container comprising a bottom and walls integral therewith and bent upwardly therefrom, a plurality of flanges formed at the upper ends of alternate walls of the container, all of said flanges on each wall being folded back upon said wall to reinforce the marginal portion thereof, tabs at both ends of each of said flanges, the tabs at each end being bent outwardly to overlie one another and the marginal portions of the intermediate walls, the tabs from the walls on both sides of an intermediate wall meeting one another intermediate the edges of the intermediate wall, the joints between successive tabs overlying the same marginal portion of an intermediate wall being broken with respect to one another.

2,065,805
POTENTIOMETER
Thomas R. Harrison, Wyncote, Pa., assignor to The Brown Instrument Company, Philadelphia, Pa., a corporation of Pennsylvania
Application February 25, 1930, Serial No. 431,173
21 Claims. (Cl. 201—56)



15. A system comprising a galvanometer, a measuring circuit, a rotatable structure element, actuating means therefor controlled by said galvanometer, a variable impedance for controlling the current in said circuit having a rotatable operating element, means for intermittently giving one of said elements movements relative to the other to effect engagement of said elements, and switch means actuated by said movement to change the circuit connections whereby said current is standardized for subsequent measurements.

2,065,806
BUFFER PLATE CONSTRUCTION
Herbert S. Jandus, Detroit, Mich., assignor to General Spring Bumper Corporation, Detroit, Mich., a corporation of Michigan
Application April 17, 1933, Serial No. 666,397
5 Claims. (Cl. 293—55)



3. In combination, a bumper bar, a buffer bar for attachment thereto, one of said bars having a slot extending at an angle to the bumper bar, and means for clamping the bars together, said clamping means including a fastening element extending through the slot and having a cross-sectional size less than that of the slot so that the position of the element in said slot may be varied to relatively adjust said buffer bar transversely of the bumper bar.

2,065,807
DEVICE FOR USE IN THE PERMANENT WAVING OF HAIR
Anthon G. Johnson, Des Moines, Iowa
Application February 23, 1935, Serial No. 7,819
2 Claims. (Cl. 132—36)
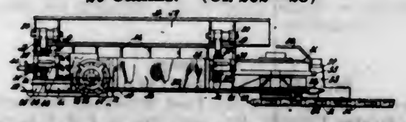


1. In a device of the class described, two elongated jaw members directly hingedly engaging each other, a spring means for yieldingly holding said jaw members together and in hinged engagement with each other, an ear member on each of said jaw members, a handle arm having its lower end hingedly secured to one of said ears, a second handle arm having its lower end hingedly secured to the other ear; said two handle arms crossing each other and each having its upper end portion normally resting in a vertical plane above the ear to which the other is pivotally secured, and a means for pivoting said handle arms together where they cross each other.

2,065,808
HYDROXY DIPHENYL SULPHIDE DERIVATIVES
Treat B. Johnson, Bethany, Conn., assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa., a corporation of Maryland
No Drawing. Application June 29, 1935, Serial No. 29,099
12 Claims. (Cl. 260—150)

1. Compounds of the group consisting of 4-alkoxy-4'halo-diphenyl sulfides and 4-hydroxy-4'-halo-diphenyl sulfides.

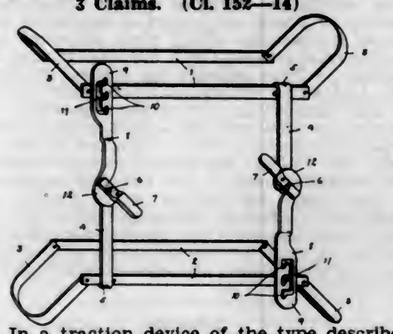
9. The method of preparing compounds of the group consisting of p-alkoxy and p-hydroxy p'-halogen diphenyl sulfides which comprises coupling a para alkyl ether of a thiophenate with para nitro-chlorbenzene, reducing to the amine, diazotizing, and converting the diazonium compound to the halide, with elimination of the diazonium group.

2,065,809
KERF CUTTING APPARATUS
Joseph F. Joy, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application August 12, 1935, Serial No. 35,829
20 Claims. (Cl. 262—28)



1. In a mining apparatus, a support, a kerf cutting machine supported on said support for tilting movement about an axis extending longitudinally of said support and having a vertical kerf cutter and a motor for operating said kerf cutter to effect cutting and further having a motor-operated rectilinear feed, and means extending between the upper portions of said support and said kerf cutting machine for controlling the angle of kerf.

2,065,810
ANTISKID DEVICE
Louis Karon, Superior, Wis.
Application April 24, 1936, Serial No. 76,181
3 Claims. (Cl. 152—14)



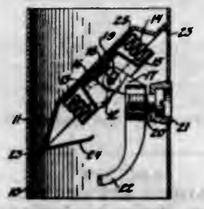
1. In a traction device of the type described, two pairs of spaced bars each having U-shaped traction means pivoted to the ends thereof, adjustable means removably uniting one of the bars of each pair, and a lever associated eccentrically with said adjustable means for varying the length of the latter.

2,065,811
FINGER RING
Earl Kiff, Attleboro, Mass., assignor to L. G. Balfour Company, a corporation of Massachusetts
Application September 19, 1936, Serial No. 101,679
9 Claims. (Cl. 63—15)



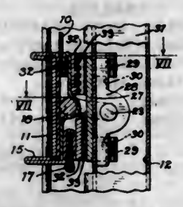
1. An article of jewelry comprising a member provided with a gem mounting seat inwardly from the outer surface thereof, and a second seat located outwardly of the gem seat, a gem on said gem seat with portions thereof extending over the edges of the gem to hold the gem thereon, and an emblem member seated on said second seat, and means to hold said emblem member on said second seat.

2,065,812
THERMOSTATIC VALVE
James A. Kinnard, Detroit, Mich.
Application May 8, 1935, Serial No. 20,308
Renewed April 20, 1936
16 Claims. (Cl. 236—34)



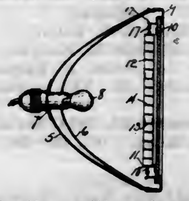
1. A thermostatic valve comprising a housing, a butterfly valve pivoted in said housing, a bellows type thermostatic element integral with said valve and normal thereto, said bellows located eccentric to said pivotal valve mounting, said valve being dished to a depth of approximately half the height of said bellows when expanded for streamlining said valve, a baffle on said valve for streamlining the same substantially symmetrical to its pivotal mounting, and means for causing the power stroke of the thermostatic element to act tangential to the arcuate path described by the said thermostatic element when opening and closing said valve.

2,065,813
RETRACTABLE ROLLER SCREEN
Albert Lang, Berkeley, Calif.
Application October 28, 1935, Serial No. 47,003
16 Claims. (Cl. 156—39)



7. In an improved roll screen, the combination of a rigid draw bar secured across the free end of a retractable roll screen, a channel-like guide disposed along a side of said screen along which the screen is adapted to be drawn, said channel-like guide having a reentrant flange disposed substantially centrally thereof along one side of which said draw bar is adapted to slide, a detent supporting member attached at the end of said draw bar and extending around said reentrant flange, and a detent carried by said detent supporting member engaging the other side of said reentrant flange, said detent being operable in response to an upward movement of said draw bar to frictionally engage said reentrant flange and clamp said draw bar thereagainst and hold said screen in an extended position.

2,065,814
HEADLIGHT
William F. Lennon, Willimantic, Conn.
Application August 11, 1934, Serial No. 739,413
1 Claim. (Cl. 240—48.4)



The combination with a headlight having a reflector, a lens in front of the reflector and a light between the lens and reflector, of a light ray controller comprising a rectangular frame, an eyelet at each corner of the frame, spring suspension means for the frame extending between the corner eyelets and the headlight casing, a series of spaced parallel vanes confined within the frame and parallel with a pair of opposite sides of the frame, the vanes being of the same width as the bars of the frame, and means for anchoring the vanes in the frame including the provision of spaced notches in opposite edges of each vane and in corresponding edges of the frame bars parallel with the vanes and rods extending through the vane notches at opposite edges thereof and anchored at their ends in the frame bar notches, said frame being suspended in the headlight to present the vanes diagonally whereby the light rays are reflected to the right from the headlight.

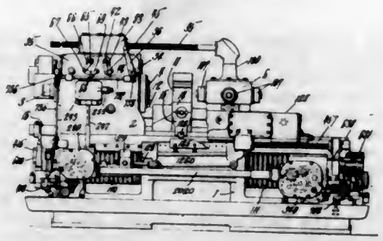
2,065,815
DISPATCHING AND SCHEDULING SYSTEM
Charles Harvey Levy, Jr., Maplewood, N. J., assignor to Otis Elevator Company, New York, N. Y., a corporation of New Jersey
Application May 25, 1935, Serial No. 23,368
15 Claims. (Cl. 177—336)



1. In a dispatching and scheduling system for a plurality of elevator cars, not less than three, wherein each car is started from a dispatching floor upon receipt of a starting signal for that car; mechanism adapted upon each operation to cause the giving of a starting signal; means for causing said mechanism to operate at regular time intervals; and means for causing the order in which said starting signals are given to be in the order in which said cars arrive at said dispatching floor, regardless of the number of said cars at said dispatching floor at the time a start-

ing signal is given to one of such cars, and regardless of the order in which such cars arrive at said dispatching floor.

2,065,816
MACHINE TOOL
John E. Lovely and John R. Knights, Springfield, Vt., assignors to Jones & Lamson Machine Company, Springfield, Vt., a corporation of Vermont
Application December 14, 1934, Serial No. 757,537
23 Claims. (Cl. 29—44)



1. A machine of the class described having a work holder, a tool holder, and means for relatively moving said holders to cause successive tooling operations on work, said moving means including two sets of actuating mechanism one of said sets having a cycle of operations complete for each tooling operation and the other set having a cycle of operations complete for a complete cycle of tooling operations, and including means actuated by mechanism of each set for at least partly controlling the operations of the mechanism of the other set.

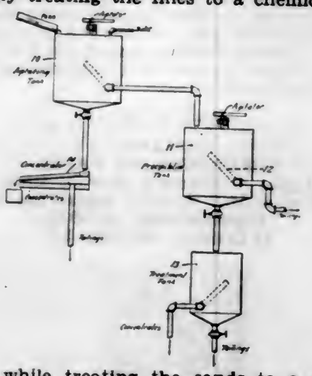
2,065,817
PISTON RING
Charles A. Marien, St. Louis, Mo., assignor to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo., a corporation of Missouri
Application September 28, 1935, Serial No. 42,555
1 Claim. (Cl. 309—41)



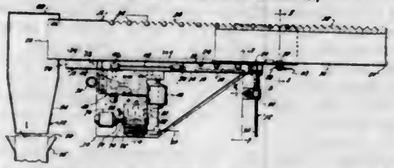
In combination, a piston having a ring groove, a split piston ring therein, the inner surface of the ring on opposite sides of the split being recessed and the ends of the ring being spaced to form a gap, and a spring clip disposed in the groove behind said gap, said clip having inwardly turned spring arms seated in said recess and bearing against the inner surface of the ring.

2,065,818
PROCESS FOR RECOVERING FLOUR GOLD
George O. Marrs, Denver, Colo.
Application August 10, 1935, Serial No. 35,601
1 Claim. (Cl. 75—118)

A process of extracting free gold from sands of varying mesh comprising: feeding all of said sands into an agitating tank with water; agitating said water to place the fine sands and slimes into suspension; continuously drawing off the solution with its suspended fines; discharging the settled sands from said tank; thence simultaneously treating the fines to a chemical separation while treating the sands to a gravity treatment.

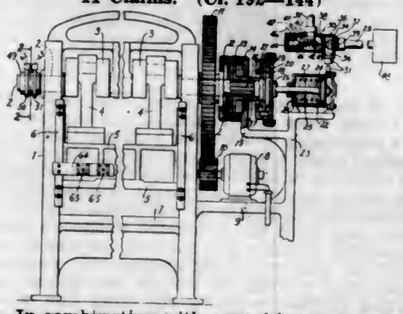


2,065,819
LOADING APPARATUS
Timothy F. McCarthy, Indiana, Pa.
Application March 21, 1934, Serial No. 716,565
14 Claims. (Cl. 198—220)



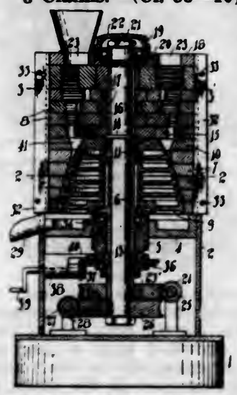
1. In a loading apparatus, a frame, a reciprocably moving loading pan guided by said frame for reciprocable movement relative thereto for conveying material therealong, means carried by said frame for reciprocably driving said loading pan and means engageable with said frame and driven by said loading pan for moving said loading pan in a direction transverse to its direction of reciprocable movement.

2,065,820
POWER CONTROL FOR MACHINE TOOLS
James John Mellon, Cleveland, Ohio, assignor to The Clark Controller Company, Cleveland, Ohio, a corporation of Ohio
Application January 7, 1935, Serial No. 686
11 Claims. (Cl. 192—144)



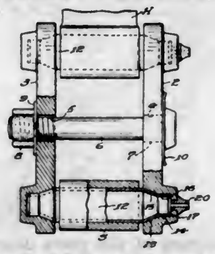
1. In combination with a machine and a source of power for operatively cyclically moving it, a mechanically operable clutch for coupling the machine to the source to move it, a mechanically operable brake for stopping the machine, a source of mechanical power for operating the brake and clutch comprising a device operable by fluid pressure and a source of supply of fluid pressure and conduit means communicating with the source and the device, control means comprising an electrically actuable valve controlling flow through the compressed air conduit means and manually controlled means controlling the electrically actuable valve to effect operation of the brake to release the machine and operation of the clutch to start it, and means rendering the electrically actuable valve operable by the machine at a predetermined point in its cycle to effect operation of the clutch to uncouple the machine from the source and operation of the brake to stop it.

2,065,821
CRUSHING AND GRINDING MILL
Jacob J. Morch, Port Credit, Ontario, Canada
Application November 28, 1932, Serial No. 644,717
3 Claims. (Cl. 83—10)



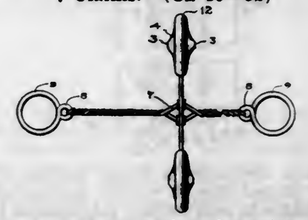
1. In crushing and grinding apparatus, the combination of a casing; rotary grinding means positioned in the lower part of the casing; rotary crushing means positioned above the grinding means and co-axial therewith; a spacer separating the grinding and crushing means having openings therein for the passage of crushed material; and screw means rotatable with the crushing means for forcing the material from the crushing means through said openings.

2,065,822
SPRING-SHACKLE
Frank B. Mullin, Elmira, N. Y., assignor to Trayer Products Incorporated, Elmira, N. Y., a corporation of New York
Application January 22, 1936, Serial No. 60,208
6 Claims. (Cl. 267—54)



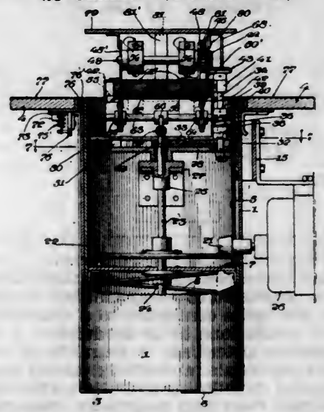
1. A spring shackle comprising a pair of laterally spaced oppositely disposed side links each having a pocket adjacent each of its ends, each pocket providing a conical surface and a cylindrical surface with an end of the conical surface merging into an end of the cylindrical surface, pins respectively extending into a pocket in each link and having adjacent their ends conical and cylindrical surfaces respectively substantially conforming to the corresponding surfaces in the pockets, and means operative to maintain the pins in assembled relation with the links and yieldingly insure bearing engagement of the conical surfaces of the pins with those of the respectively corresponding pockets.

2,065,823
SOUNDING-TOY APPARATUS
Faustino J. Palombo, Sr., and Faustino J. Palombo, Jr., Garfield Heights, Ohio
Application September 17, 1934, Serial No. 744,310
7 Claims. (Cl. 46—52)



1. An apparatus of the character described having in combination, a supporting member, a hollow disk-like device mounted on said supporting member, said disk-like device having alined apertures through its central side portions and formed with the areas immediately adjacent said apertures in the shape of a shallow truncated cone with the smaller portion at the margins of said apertures to provide an angularly positioned edge against which the air currents will impinge, and means for moving said supporting member about a center of rotation at high speed to bring the apertures in said disk-like member into sound producing relation to the air through which it is moved.

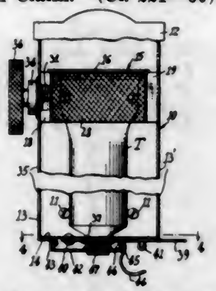
2,065,824
CARD DEALING MACHINE
Robert H. Plass, Upper Montclair, N. J.
Application March 4, 1930, Serial No. 433,017
23 Claims. (Cl. 273—149)



3. In a card dealing machine, the combination of means for holding a pack of cards, rotatable

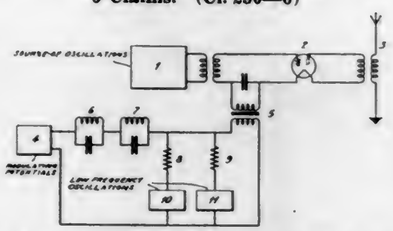
fingers supported for rotation in a vertical plane for successively dealing the cards from a pack and means for automatically rotating said card holding means.

2,065,825
PASTE DISPENSER
Willibald Riederer, New York, N. Y.
Refiled for abandoned application Serial No. 658,554, February 25, 1933. This application March 5, 1936, Serial No. 67,339
1 Claim. (Cl. 221—60)



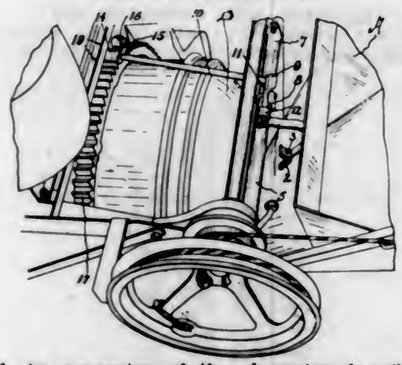
In a paste dispenser, a holder having a longitudinally slotted side, a carrier having opposed guides slidable in said holder, said carrier having a pair of compression rolls non-separably mounted therein, one of said rolls having an abradant surface and the other a yielding surface, manual means for rotating the abradant surfaced roll, a torsion spring arranged to prevent reverse movement of said rolls, a fixed detent having serrations to engage the neck of the collapsible tube, a pivoted lever, a spring actuated serrated detent carried by said lever to engage the opposite side of the tube neck, and a hinged shutter to close the mouth of the tube.

2,065,826
SIGNALING
Hans Otto Roosenstein and Wilhelm Runge, Berlin, Germany, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application February 3, 1934, Serial No. 709,556
In Germany March 8, 1933
6 Claims. (Cl. 250—6)



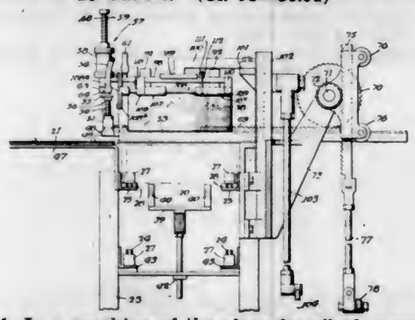
1. A transmitting device comprising a carrier wave relay and modulator tube having its output electrodes connected to a transmitting circuit and its input electrodes connected to a source of carrier wave oscillations to be modulated, a source of modulating potentials, a plurality of sources of control potentials, a coupling circuit coupling said source of modulating potentials with an electrode in said relay and modulator tube, circuits connecting said sources of control potentials with said coupling circuit, and a plurality of stopper circuits in series with said coupling circuit intermediate the points at which said sources of control potential are connected to said coupling circuit and the coupling of said source of modulating potentials to said coupling circuit, there being a stopper circuit for each control frequency, each stopper circuit comprising parallel reactances tuned to the frequency of a different control frequency.

2,065,827
VIBRATOR FOR MIXERS
Adolph W. Rybeck, Milwaukee, Wis., assignor to The T. L. Smith Company, Milwaukee, Wis., a corporation
Application August 15, 1931, Serial No. 557,396
9 Claims. (Cl. 83—73)



1. An apparatus of the character described, comprising the combination with a concrete mixing machine having the usual charging skip and mixing drum provided with a ring gear, of a shaft, a member engaging the shaft and adapted to engage the ring gear as the drum rotates to thereby vibrate the shaft, a second member engaging the shaft, and a vibratory arm secured to the skip and adapted to engage the said second member when the skip is in discharging position to be thereby set into vibration, thereby vibrating the skip.

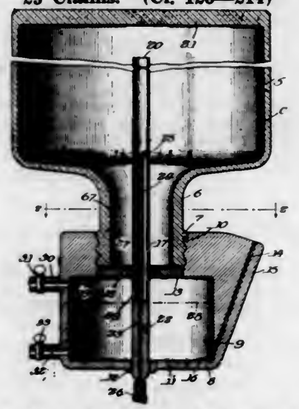
2,065,828
BOX LINING MACHINE
Jacob Schnur, Chicago, Ill., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill., a corporation of Delaware
Application January 10, 1934, Serial No. 706,749
16 Claims. (Cl. 93—36.01)



1. In a machine of the class described, means for supporting and advancing boxes step-by-step, a plunger adapted to successively enter the boxes,

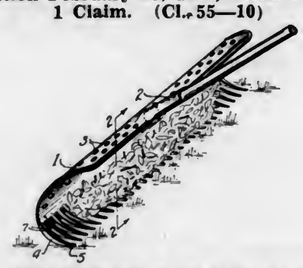
means for effecting accurate alignment of the successive boxes with the plunger, means for feeding a lining sheet into position overlying the box, means for effecting movement of the plunger into the box to insert said lining sheet in the box, said plunger being transversely expansible for pressing the lining sheets to the box sides, means for effecting expansion of said plunger, spring-actuated folding means carried by said plunger mechanism and movable vertically therewith for folding marginal portions of the lining sheet downwardly over the top edges of the box sides, and relatively stationary cam means for controlling said folding means.

2,065,829
LIQUID DISPENSING APPARATUS
Martin C. Schwab, Chicago, Ill.
Application October 27, 1934, Serial No. 750,392
25 Claims. (Cl. 128—214)



1. In a liquid dispensing device for combination with a primary liquid container, a casing having means for attaching the same to said container and affording a chamber for liquid, said chamber having an air inlet at one end below the normal level of the liquid in said chamber which is positioned for directing and, during operation, discharging the air through the liquid in said chamber and a partition at the opposite end thereof, a conduit extending from said chamber through and having an opening beyond said partition, and a second conduit passing through said chamber and partition.

2,065,830
LAWN RAKE
Norman H. Sherman, Toledo, Ohio, assignor of one-half to Benjamin R. Odland, Toledo, Ohio
Application February 13, 1936, Serial No. 63,761
1 Claim. (Cl. 55—10)



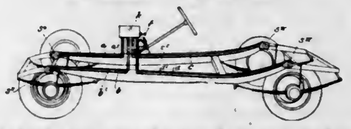
In a rake, a handle, a body connected to the handle transversely thereof and being curved in cross section and formed with teeth at the lower portion of the body having elongated flat nose-like parts at their free ends formed to provide runners which slide on the surface of a lawn or the like, the remaining portions of the teeth being of V-shape in cross section and sharpened to form cutting edges at the top portion of each side thereof, the teeth tapering from their inner ends toward their outer ends whereby to form wedge-like cutters between adjacent teeth, said cutting edges being disposed at an angle to the sides of the teeth and lying in the same plane.

2,065,831
LINGERIE STRAP HOLDER
Gertrude L. Smith, Los Angeles, Calif.
Application August 14, 1935, Serial No. 36,073
5 Claims. (Cl. 24—85)



1. A lingerie strap holder, comprising a strap or ribbon receiving member formed from a single piece of wire bent to form a substantially triangular open loop, the ends of the piece of wire being spaced apart in order to permit the passage of a strap or ribbon, a short flexible member having one end connected to said open loop and means secured to the other end of said flexible member for attaching the holder to a garment.

2,065,832
HYDRAULIC SHOCK ABSORBER SYSTEM
Jacobus Spyker, Amsterdam, Netherlands; Geertruy Elisabeth Spyker, executrix of said Jacobus Spyker, deceased, assignor to Henry Havelock Logan, Chicago, Ill.
Application September 4, 1930, Serial No. 479,653
In Germany June 25, 1930
7 Claims. (Cl. 188—87)



1. A hydraulic shock absorber system for automobiles including a shock absorber associated with the spring of a wheel, a control organ located remotely with respect to said shock absorber, a liquid container associated with said control organ, a pair of conduits communicating with opposed compartments of said absorber and a three-way valve at said control organ providing controlled communication between said conduits and said liquid container.

2,065,833
SLIDABLE TIPPLE PLATFORM FOR VEHICLES
James L. Stratton and Albert J. Henry, Oklahoma City, Okla.
Application April 5, 1935, Serial No. 14,853
9 Claims. (Cl. 214—85)

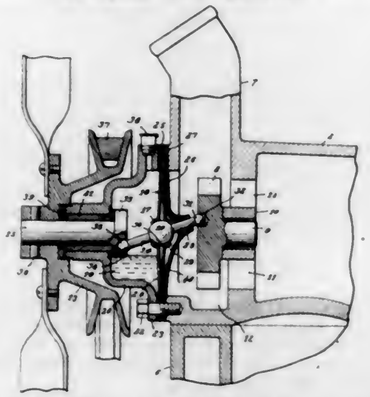
1. In a device of the kind set forth, the combination with a chassis having a frame including two horizontally disposed beams, of a horizontally disposable tipple platform associated therewith, means intermediate the beams and the platform and angularly disposed with relation

to both the beams and the platform for allowing the platform to move rearward away from the



beams, means to mechanically control said means to initiate the platform movement and means to retain the platform in moved position.

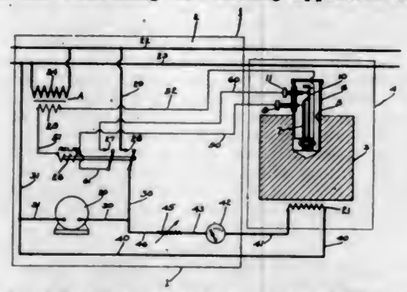
2,065,834
WATER PUMP
Benjamin A. Swennes, Rockford, Ill., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application June 12, 1933, Serial No. 675,376
33 Claims. (Cl. 103—111)



1. In an automobile engine water circulating pump, means providing an impeller chamber, means providing an oil chamber for lubricating oil, a drive shaft extending into the oil chamber through a bearing communicating therewith for lubrication, an impeller mounted for rotation in the other chamber, a partition separating the two chambers and having a bearing supplied with lubricant from the oil chamber, and a wabble shaft universally fulcrumed intermediate its ends in the bearing on the partition whereby movement communicated to one end of said shaft in a circle results in movement of the other end correspondingly, said shaft being pivotally connected at one end to said drive shaft at a section spaced laterally from the axis of rotation thereof, and being pivotally connected at the other end to said impeller at a section spaced laterally from its axis of rotation.

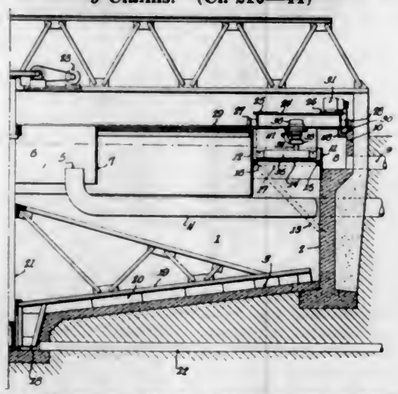
2,065,835
TEMPERATURE CONTROL METHOD AND MEANS
Daniel G. Taylor, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application February 2, 1931, Serial No. 512,887
31 Claims. (Cl. 236—91)

23. A building to be heated, a heating apparatus for supplying heat to the building, a control device arranged to be affected by atmospheric conditions outside the building and including a metallic block, a thermostat responsive to the temperature thereof, means for heating the metallic block, and means controlled by the thermostat for controlling the heating apparatus and



the block heating means in accordance with block temperatures.

2,065,836
METHOD AND APPARATUS FOR FILTERING SEWAGE
Paul M. Thayer, Milwaukee, Wis.
Application May 27, 1936, Serial No. 81,977
9 Claims. (Cl. 210—44)



1. A filtering device having a main settling chamber and having an overflow weir and having a zone of filtering material suspended horizontally within the settling chamber adjacent the weir and through which the liquid to be filtered is adapted to pass in an upward direction, washing means movable along the filtering material and including power means for forcing liquid through the filtering material in the reverse direction from that normally travelled by said liquid, said washing means operating on successive sections of the filtering material and allowing continuous and uninterrupted operation of the filtering device, the solid removed material dislodged from the bottom of the filtering material falling back into the settling chamber.

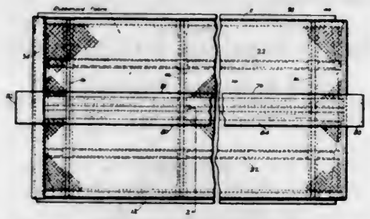
2,065,837
BRAKE EXTENSION LEVER
Joel R. Thorp and Steen Strand, West Allis, Wis., assignors to The Fulton Company, West Allis, Wis., a corporation of Wisconsin
Application May 31, 1935, Serial No. 24,347
8 Claims. (Cl. 74—479)

1. An attachment for a lever having a handle and a release latch adjacent the handle, comprising, a U-shaped bracket having an end wall cooperable with the lever handle and having integral arms extending past the lever and the release latch, means disposed between said side walls and extending between the lever and the release latch for clamping said bracket in posi-



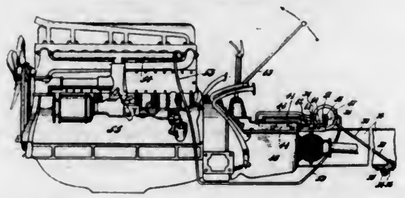
tion upon the lever handle, said bracket arms having integral laterally projecting bosses, and a member swingably supported upon said bosses and cooperable with the release latch to urge the same toward the handle.

2,065,838
FLEXIBLE CAR ROOF
Kenneth J. Tobin, Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio, a corporation of Ohio
Application April 5, 1934, Serial No. 719,088
8 Claims. (Cl. 108—5)



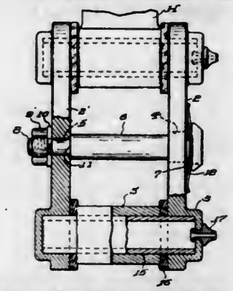
3. A flexible railway car roof comprising a frame including side and end plates defining the sides and ends of said frame and spaced transverse carlines extending between and secured to said side plates, a reticulated metallic base supported upon said frame, means securing said reticulated base to said frame at the sides thereof, means securing said base to said frame at the ends thereof, said base being drawn taut to place said base under initial tension and a non-metallic flexible covering secured upon said metallic base.

2,065,839
DOOR LOCKING MEANS
Joseph Toren, Chicago, Ill.
Application April 19, 1935, Serial No. 17,188
15 Claims. (Cl. 180—82)



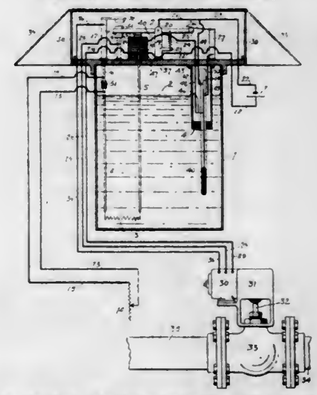
1. The combination with a motor vehicle having a variable transmission and a gear shift lever, of automatic door locking means comprising a door lock, vacuum means for automatically operating said lock, said means including a vacuum producing element, a gear shift lever actuated valve, and a piston to actuate said door lock adapted to be operated by the vacuum produced by said vacuum producing element and controlled by said valve.

2,065,840
WEAR COMPENSATING SPRING SHACKLE
William A. Tryon, Elmira, N. Y., assignor to Patent Purchasing Company, Elmira, N. Y., a corporation of Rhode Island
Application November 13, 1935, Serial No. 49,443
7 Claims. (Cl. 267—54)



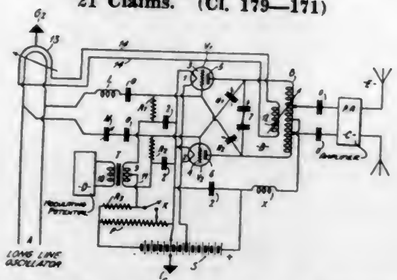
1. A spring shackle comprising a pair of laterally spaced side links each having a substantially cylindrical pocket adjacent each of its ends, a pair of tubular cylindrical shackle pins each having its ends respectively seated in a pocket in each of the links and engaging the side walls and bottom thereof, a bolt extending between the links and rigidly secured to one of them, and means disposed between the head of the bolt and the other link operative to maintain the pins in assembled relation with the links and yieldingly induce intimate bearing engagement between the bottoms of the pockets and the ends of the pins.

2,065,841
AUTOMATIC TEMPERATURE CONTROL APPARATUS
Fritz Frederick Uehling, Passaic, N. J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application June 29, 1932, Serial No. 619,841
Renewed May 7, 1936
20 Claims. (Cl. 236—91)



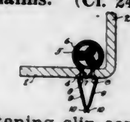
1. In a device of the class described, the combination with a vessel containing a variable amount of fluid, of means for heating the fluid, a chamber located apart from the vessel, means for heating the inside of the chamber, means for simultaneously turning on both heating means at a predetermined temperature of the fluid, and means for simultaneously turning off both heating means at a predetermined higher temperature of the fluid.

2,065,842
PHASE MODULATION
George L. Usselman, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application May 17, 1933, Serial No. 671,481
Renewed October 15, 1935
21 Claims. (Cl. 179—171)



3. Means for producing modulated oscillations comprising, a resonant line, the length of which is an odd number of quarter wave lengths long, a pair of thermionic tubes having their control grids energized out of phase by energy from said line, their anodes connected in push-pull to a tank circuit, and means for varying the amount of energy supplied by each tube to said tank circuit including a source of modulating potential connected to the control grids of said tubes.

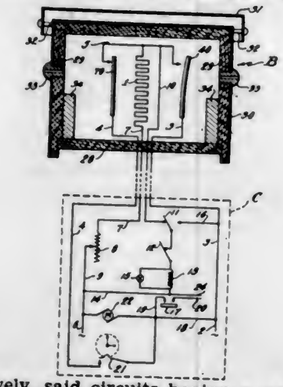
2,065,843
SECURING DEVICE FOR CABLES OR THE LIKE
John H. Van Uum, Lakewood, Ohio
Application September 12, 1932, Serial No. 632,655
6 Claims. (Cl. 24—73)



1. A cable fastening clip comprising a strip of metal stock formed of resilient spring material, said strip being bent intermediate its ends to provide a cable encircling portion terminating in a pair of arms, the free ends of said arms being adapted to be brought together for insertion through an opening with the portion of said arms intermediate said ends and cable encircling portion being stressed inwardly, there being offset portions formed in said stressed portions for yielding engagement with the walls of an opening.

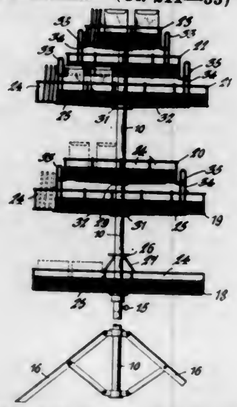
2,065,844
ELECTRICAL CONTROL SYSTEM
Joseph Warren Wattles, 3d, Canton, Mass., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application April 28, 1933, Serial No. 668,353
13 Claims. (Cl. 236—91)

1. An electrical control system comprising a device for controlling a supply of heat to a building, a casing outside the building, said casing having radiation characteristics similar to that of the building, and being subjected to conditions of wind and sunshine similar to that of the building, said casing having a heater and two thermostats responsive to said heater, one thermostat functioning at a relatively low temperature and the other at a relatively high temperature, two circuits connecting said building heat supply controlling device with said thermostats



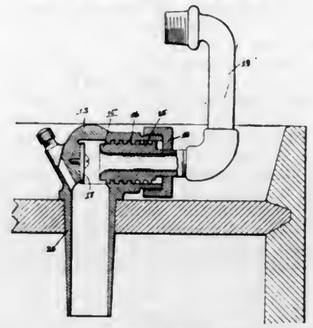
respectively, said circuits having a common return and said heater being connected in said common return.

2,065,845
DISPLAY RACK FOR SEED PACKAGES AND THE LIKE
George B. Weaver, Fredonia, N. Y.
Application August 10, 1934, Serial No. 739,299
5 Claims. (Cl. 211—55)



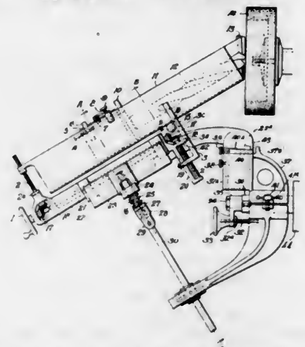
1. A display rack of the character described, comprising a supporting post having a seat thereon, means for displaying merchandise detachably mounted on said post and including sections adapted to nest one within the other when removed from the post and to be suspended one below the other when in a display position on the post, one of said display sections constituting a support for the remaining sections and having a suspension member thereon engageable with said post-seat, a guide member applied to another of said sections and engageable with said post, and complementary inter-engaging means applied to the contiguous portions of the display sections for guiding the relative movements thereof into and out of their nested position, one of said means consisting of upright guide members and the other consisting of companion members encircling the respective upright members, the latter having stops thereon with which the companion members are adapted to abut for limiting the extended movement of the suspended sections in their display position.

2,065,846
SPIGOT
Albert C. Wischmeyer, Rochester, N. Y.
Application September 4, 1934, Serial No. 742,520
1 Claim. (Cl. 225—5)



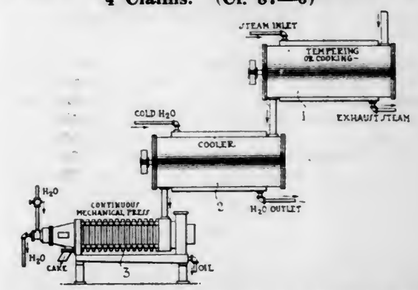
In a combined air inlet and liquid discharge valve the combination of a valve body having a tubular extension anchoring means provided on the outside of said extension, a liquid port and an air port merging into the inner end of said tubular extension, a check valve in said valve body for closing said air port, a hollow valve member in said valve body cooperating with said liquid port for opening and closing said liquid port, a hollow handle for operating said hollow valve member, said hollow handle forming a continuation of said hollow valve member and means projecting from said valve body and forming a continuation of said air port for the connection of hose means to said air port without causing interference with the movement of said hollow handle, said handle having an extension substantially parallel to said valve member adapted to have a hose connected thereto so as to hold said hose uniformly spaced from said valve body in any position of the handle and permit a ready manipulation of the handle without interference from the hose.

2,065,847
DRILL-GRINDING MECHANISM
Clayton E. Young, Benton Harbor, Mich.
Application February 27, 1932, Serial No. 595,439
13 Claims. (Cl. 51—219)



1. In mechanism of the character described, the combination with a frame and a grinding wheel providing a flat grinding face in a substantially vertical plane, of a bracket disposed at an acute angle with respect to the face of said wheel and pivotally supported on said frame on a substantially vertical axis for oscillation relative to said wheel, said bracket having an arcuate seat provided thereon struck on a transverse arc whose center is above the bracket and coincident with the axis of a drill to be ground, a cradle slidably seated on said bracket for rocking movement transversely with respect thereto, a V-shaped drill holder adjustably supported on the cradle and extending therefrom toward the face of the wheel, screw threaded means for adjusting the holder toward or away from the cradle, whereby to center a drill therein on the aforesaid drill axis irrespective of the drill diameter, connections between the cradle and the frame whereby the cradle is rocked by the oscillation of the bracket relative to the frame, and other screw threaded means for adjusting the drill holder transversely relative to the cradle.

2,065,848
PROCESS FOR EXPELLING OIL FROM VARIOUS SUBSTANCES
Raymond T. Anderson, Berea, Ohio, assignor to The V. D. Anderson Company, Cleveland, Ohio, a corporation of Ohio
Application June 15, 1934, Serial No. 730,820
4 Claims. (Cl. 87—6)



1. That process of treating oil bearing material of vegetable or animal growth to expel the contained oil therefrom, which consists in finely grinding the material and subjecting it to a temperature of the order of 220° F. to 260° F.; thereafter lowering the temperature of the mass to the order of 140° F. to 180° F.; adjusting the water content thereof not to exceed 4%; and finally subjecting the mass to the action of a continuously operating press, whereby the oil is expelled and a relatively dry cake produced.

2,065,849
GERMICIDAL PREPARATIONS
Carl N. Andersen, Wellesley Hills, Mass., assignor to Lever Brothers Company, a corporation of Maine
No Drawing. Application February 5, 1936, Serial No. 62,461
11 Claims. (Cl. 167—71)

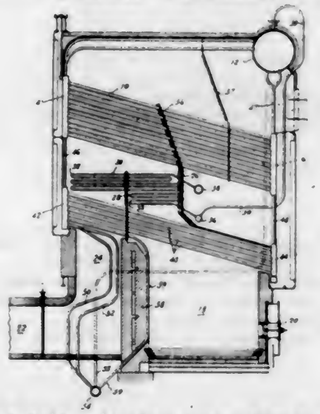
1. A germicidal preparation of relatively low toxicity and adapted for use in suitable concentration in destroying bacteria in contact with tissue of a human being or other higher animal, comprising an aromatic mercury compound resulting from the reaction of a boron oxyacid with an aromatic mercury hydroxide of the kind in which the mercury is directly attached to the carbon atom of an aromatic structure in which none of the carbon atoms has direct linkage with any element other than carbon, hydrogen, and mercury.

2,065,850

HEAT EXCHANGE APPARATUS

John E. Black, deceased, late of Red Bank, N. J., by Gertrude M. Black, executrix, Red Bank, N. J., and Charles S. Smith, Westfield, N. J., assignors to The Babcock & Wilcox Company, Newark, N. J., a corporation of New Jersey

Application March 7, 1935, Serial No. 9,798
4 Claims. (Cl. 122—7)



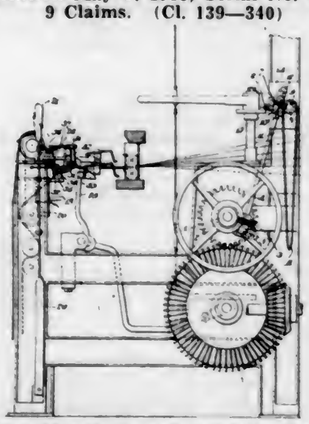
1. In a water tube steam boiler, a bank of steam generating tubes extending across a heating gas chamber, a steam and water drum connected to the tubes, a plurality of sources of heating gases of different combustion characteristics, walls forming passages separately conducting burning gases from said sources to the heating gas chamber where gases from both sources are mixed before the flow over said generating tubes, and a superheater receiving saturated steam from the drum and having parts extending across both of the passages, one of said sources being a directly fired furnace discharging its gases across the super heater.

2,065,851

CONTROL MECHANISM FOR LOOM STOP MOTIONS

Joseph P. Costello, Philadelphia, Pa., assignor to Collins & Aikman Corporation, Philadelphia, Pa., a corporation of Delaware

Application May 2, 1933, Serial No. 668,912
9 Claims. (Cl. 139—340)



1. In combination on a loom, a shuttle containing a measured weft supply package, mechanism for effecting the stoppage of the loom upon or just before the exhaustion of the predetermined length of weft from the supply package, comprising a sprocket, a rotatable shaft carrying said sprocket, means comprising a pair of oppositely acting latch members for rotating said shaft in synchronism with the beat-up operation of the loom upon the movement of the loom in weaving, said means permitting movement of said loom in unweaving without affecting movement of said shaft, an endless sprocket chain of variable length mounted on said sprocket and movable thereby one complete length of the chain during the laying of the predetermined length of weft in a given number of beat-up operations of the loom, a knock-off device operable by said chain for effecting the stoppage of the loom, a starting handle, and means operable by the movement of said starting handle to running position for automatically resetting said knock-off device.

2,065,852

GLASS RESISTANT TO ALKALI METAL VAPORS AND METHOD OF MAKING IT

Robert H. Dalton and Harrison P. Hood, Corning, N. Y., assignors to Corning Glass Works, Corning, N. Y., a corporation of New York

No Drawing. Application November 6, 1934, Serial No. 751,793
11 Claims. (Cl. 91—70)

1. The method of treating glass to make it resistant to discoloration of hot alkali metal vapors, which includes wetting the surface of the glass with a solution of salts consisting of alkali salts and boron compound, which on being heated will leave a residue consisting of alkali oxide and boric oxide, and heating the glass to decompose the salts and fuse the alkali oxide and boric oxide to the glass in a homogeneous layer.

2,065,853

MANUFACTURE OF TEXTILES

Albert W. Drobile, Wayne, and Glen S. Hiers, Cynwyd, Pa., assignors to Collins & Aikman Corporation, Philadelphia, Pa., a corporation of Delaware

No Drawing. Application March 21, 1934, Serial No. 716,644
6 Claims. (Cl. 28—1)

1. In the manufacture of pile fabrics having pile tufts secured against displacement in the backing by a binder, the steps which include treating yarns of the backing prior to weaving with a binding substance possessing tackiness, temporarily removing the tackiness, weaving said yarns into a backing and concurrently with the interlacing of the said backing threads, looping in the backing pile threads forming pile tufts, restoring tackiness to the binding substance on the backing yarns and coalescing the binder to bond together the legs of the pile tufts and the backing and then insolubilizing said binder to substantially water-insoluble form.

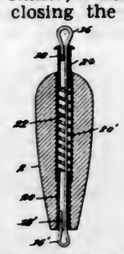
2,065,854

FISH BAIT SINKER

Samuel T. Edel, Middle River, and St. Clair N. Edel, Baltimore, Md.

Application May 29, 1936, Serial No. 82,612
3 Claims. (Cl. 43—52)

1. A sinker weight for fishing bait, comprising a body portion having an opening extending therethrough, a shaft extending through said opening, open eyelets formed on the ends of said shaft, each having a returned end portion, one of said eyelets being adapted to be closed by having the returned end portion inserted in the opening in one end of the sinker, a sleeve slidable within said opening for closing the other eyelet, and



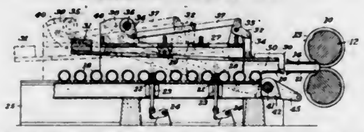
means for positioning the said shaft and sleeve for maintaining both the eyelets in closed position and operative to allow for the movement of said shaft and sleeve for opening said eyelets.

2,065,855

BLANK FEEDING MEANS

John F. Ferm, Midland, Pa., assignor to Pittsburgh Crucible Steel Company, Pittsburgh, Pa., a corporation of Pennsylvania

Application April 4, 1935, Serial No. 14,592
7 Claims. (Cl. 80—26)



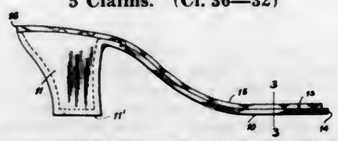
1. Apparatus for feeding material to a rolling mill comprising a conveyor, a yoke overlying the conveyor and slidable therealong, a pusher pivoted on the yoke for movement into and out of the path of material traversing said conveyor, a bell crank on the yoke for tilting the pusher, an eccentric on the yoke for actuating the bell crank, means pivotally connecting the eccentric to said crank, a crank connected to said eccentric, means for driving the crank at a speed proportional to that of the mill rolls, and a link pivotally connecting said crank to said eccentric.

2,065,856

SOLE AND HEEL STRUCTURE

Leonard Grover, Toronto, Ontario, Canada

Application February 28, 1936, Serial No. 66,151
5 Claims. (Cl. 36—32)



1. A sole and heel structure composed of rubber moulded into a unitary single-layer sole and a hollow heel having a closed bottom and an open top, the walls of the heel being comparatively thin; and a textile layer extending transversely of the sole and over the inner surfaces of the walls of the heel, the textile layer being secured to the upper side of the sole and to the inner side of the heel walls in the moulding operation, the textile layer being characterized in that the sole covering portion has its marginal extent free of attachment and upturned from the edge portion of the sole to provide a sewing lip and the heel covering portion is continued upwardly beyond the normal top edge of the heel and therearound to provide a sewing lip therefor.

2,065,857

ANTILEAK AGENT FOR GREASES

William P. Hilliker, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana

No Drawing. Application October 27, 1933, Serial No. 695,510
7 Claims. (Cl. 87—9)

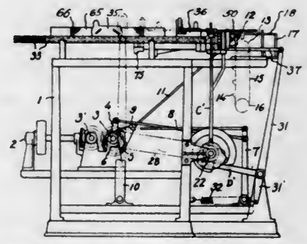
1. An improved grease composition comprising a homogeneous mixture of a mineral oil, about 5% to about 20% of a calcium soap of a high molecular weight fatty acid, and a small proportion of an anti-leak agent not exceeding 0.4%, containing no thio groups, which prevents the separation of oil from said grease, said anti-leak agent being an organic aryl compound having an unneutralized hydroxyl group attached to the aryl nucleus.

2,065,858

NARROWING MECHANISM FOR KNITTING MACHINES

Sadami Imon, Komeno-cho, Naka-ku, Nagoya, Japan

Application December 17, 1934, Serial No. 757,950
In Japan December 28, 1933
2 Claims. (Cl. 66—70)



1. A mechanism for automatically decreasing the number of loops in flat type knitting machines comprising a cam shaft, a cam on said shaft controlling the advancing movement of the knitting needles, a second cam on said shaft controlling the retractive movement of said knitting needles, a third cam on said shaft controlling a transfer needle, a transfer needle mechanism, a base supporting said mechanism, a fourth cam on said shaft controlling the shift of said base, a needle bed, a fifth cam on said shaft controlling said needle bed, a coupling upon said shaft, means including a pattern for actuating said coupling so as to rotate said shaft a single revolution, a reciprocator carrying said transfer needle controlled by said third cam so as to impart thereto a movement parallel relative to the base and at right angles to the movement of the knitting needle, said cams being so constructed that upon rotation said base is first shifted by said fourth cam from the predetermined rest position to a position at which "decreasing" should be effected, then the tip of the transfer needle is brought below the latch of the knitting needle by the third cam, then said transfer needle and knitting needle are advanced together under the influence of the first and third cams, then said knitting needle only is retracted under the influence of the second cam, transferring the loop from said knitting needle to said transfer needle, then the knitting needle is shifted transversely relative to the transfer needle under the influence of the fifth cam, then next the knitting needle is advanced under the influence of the first cam to the position of the loop that has been just transferred, then the transfer needle is retracted under the influence of the third cam, thereby trans-

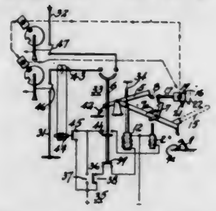
ferring the loop to the knitting needle just advanced, and then the base is returned to the first mentioned rest position under the influence of the fourth cam.

2,065,859

SAFETY INTERLOCK FOR ELECTRICAL AND MECHANICAL EQUIPMENT AND SYSTEMS

Ralph L. Kirk, Bellevue, Pa., assignor to Railway and Industrial Engineering Company, South Greensburg, Pa., a corporation of Pennsylvania, as trustee

Application November 4, 1931, Serial No. 572,998
10 Claims. (Cl. 171—97)



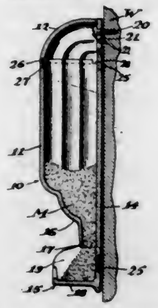
1. In an interlocking system for an electrical system of distribution, the combination with a circuit breaker having a closing mechanism and a latching member that serves, when latched, to allow the breaker to be closed, or that serves to hold the closing mechanism in a position to maintain the breaker closed, of a barrier movable into, and out of the path of movement of the latching member, a key-operated lock for moving the barrier, and a key for the lock arranged to be removable from the lock only when the latching member is moved to a non-latching position by the lock operated barrier.

2,065,860

DISPENSING APPARATUS

Morley G. Le Page, Los Angeles, Calif.

Application July 20, 1935, Serial No. 32,396
1 Claim. (Cl. 221—146)



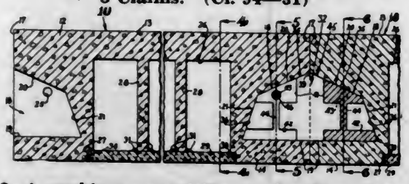
A dispensing device for granular material comprising a body member having a filling opening at its upper end and an open unobstructed discharge outlet at its lower end, an open stationary material receiving tray formed integral with said body member and disposed exteriorally thereof at a short distance below said discharge outlet, the bottom of said tray extending out beyond the discharge outlet of the body member a sufficient distance to prevent the material discharged through said outlet from running over the edge of the tray the discharged material closing the outlet against further discharge.

2,065,861

SECTIONAL CURBING

Vance Lines, Pasadena, Calif.

Application May 20, 1935, Serial No. 22,352
8 Claims. (Cl. 94—31)



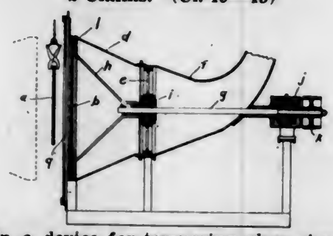
8. A curbing comprising a plurality of separate sections, each of said curb sections being made of concrete and including a top, bottom, sides and ends, each of said curb sections having a recess adjacent each end thereof, each of said recesses including a bottom surface, a top surface, side surfaces, and an end surface, said recess top surface being inclined inwardly and downwardly, said curb sections being positioned end to end with said end recesses thereof communicating to form a chamber, and a key member in each of said chambers, each of said key members including a portion thereof positioned in the end recess of one curb section and another portion thereof positioned in the end recess of the adjacent curb section, said key member portions having their top surfaces inclined inwardly and downwardly to match the shape of the top surfaces of said end recesses and means to hold said key members in place.

2,065,862

APPARATUS FOR TEMPERING GLASS

Bernard Long, Paris, France, assignor, by mesne assignments, to The American Securit Company, a corporation of Delaware

Application March 14, 1933, Serial No. 660,753
In France March 24, 1932
2 Claims. (Cl. 49—45)



1. In a device for tempering glass sheets, the combination of a series of nozzles rotating around a center, the nozzles adjacent to such center being more inclined to the axis of rotation than are the nozzles remote from such center and conduit supplying air to said nozzles.

2,065,863

METHOD OF PRESERVING VEGETABLE MATTER

Gerhard Madaus, Dresden, Germany, assignor to Dr. Madaus & Co., Radebeul-Dresden, Germany

No Drawing. Application December 17, 1935, Serial No. 54,953. In Germany December 24, 1934
2 Claims. (Cl. 99—100)

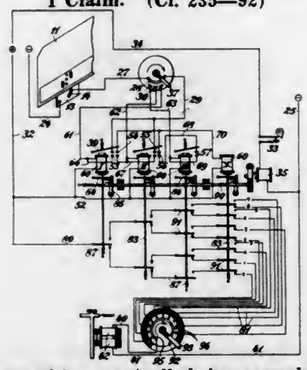
1. The method of preparing a stable ground product from fresh plants which consists in grinding fresh plants in the presence of lactose to a finely divided state, and then drying the product by an air current having a temperature not higher than 30° C., to gradually reduce the moisture content of the resulting product.

2,065,864

TRANSLATOR DEVICE FOR HOLE COMBINATIONS

Michael Maul, Berlin-Johannisthal, Germany

Application September 21, 1931, Serial No. 564,172
In Germany September 22, 1930
1 Claim. (Cl. 235—92)



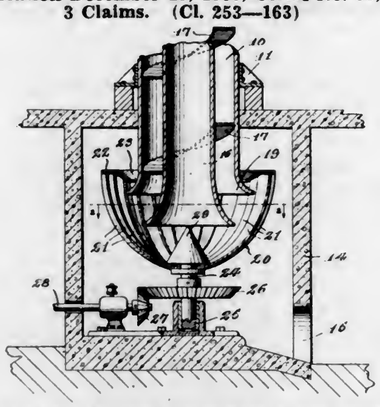
In a machine controlled by records having perforated characters in the form of single-positional holes and plural-positional holes and combinations thereof within a predetermined number of hole positions, sensing means, devices controlled thereby and responsive to perforated hole positions independently of their occupation by a single-positional or plural-positional hole, another device controlled by said devices when a perforation between adjacent hole positions, indicating a plural-positional hole, is detected, and means controlled by all of said devices for causing a single controlling impulse whose timing is representative of the perforated character.

2,065,865

TURBINE

Wilbur E. Methvin, Lawrenceburg, Tenn.

Application December 19, 1935, Serial No. 55,288
3 Claims. (Cl. 253—163)



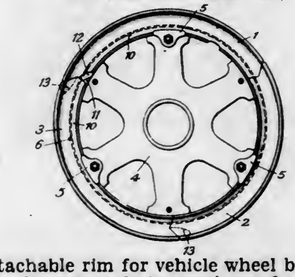
1. A rotary turbine comprising a semi-spherical rotor having its open end disposed upwardly, said rotor being revolubly mounted and including angularly disposed blades, a fluid conductor casing arranged axially of the rotor and having an end disposed therewithin, said casing being positioned so as to impart gravitational force to the fluid admitted thereto, a vent tube within the casing extending beyond the ends of the casing, a conical member at the base of the rotor and directed toward the vent tube, and said casing and vent tube having their ends within the rotor flared in the direction of the rotor blades.

2,065,866

DETACHABLE RIM FOR VEHICLE WHEELS

Jacob Willem Mijnssen, Schaffhouse, Switzerland, assignor to Aktiengesellschaft der Eisen und Stahlwerke vormals Georg Fischer, Schaffhouse, Switzerland

Application August 11, 1936, Serial No. 95,409
In Switzerland August 13, 1935
1 Claim. (Cl. 301—31)



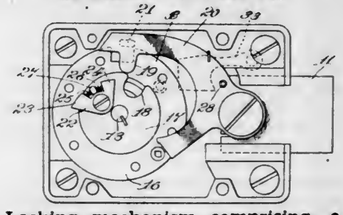
Detachable rim for vehicle wheel bodies, a plurality of segmental rim sections of an undivided cross section being strengthened at its parts where the two rim side flanges join with the bottom portion of the rim, an annular projection on the radially inner circumference of one of said strengthened portions of said rim for the latter to rest on a wheel body, a marginal tapering face carried on said projection on a first one of said segmental sections adjacent to the butt end which is recessed in herringbone fashion, oblique faces provided on said first segmental section on its inner circumference at said strengthened portions, said tapering face on said first segmental section joining with the adjacent one of said oblique faces at increased inclination so as to bevel it off towards the adjoining segmental section, and oblique faces corresponding to said oblique faces on said first segmental section provided on at least one of the other segmental sections adjacent to the pointed herringbone fashioned butt end thereof on the inner sides of the rim side flanges.

2,065,867

DELAYED CONTROL TIME LOCK

William C. Miller and Christopher W. Kuenzel, Canton, Ohio, assignors to Diebold Safe & Lock Company, Canton, Ohio, a corporation of Ohio

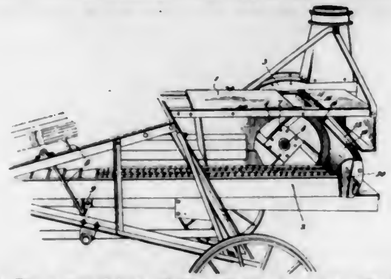
Application May 27, 1932, Serial No. 613,954
21 Claims. (Cl. 70—26)



17. Locking mechanism comprising, a door-locking bolt, main locking means serving to pre-

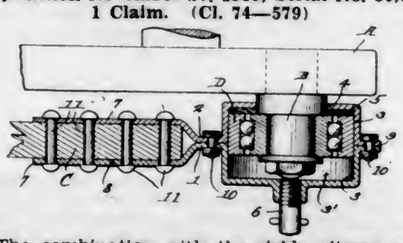
vent retraction of said bolt, auxiliary means for preventing withdrawal of the bolt, normally idle timing mechanism arranged to operate upon being energized and after operation for a time to release said auxiliary guard means, and means operated by the unlocking of said main locking means for energizing said timing mechanism.

2,065,868
WINGED SWINGING BAFFLE FOR CORN HUSKERS AND SHREDDERS
Theodore H. Oppenheim, Coldwater, Ohio, assignor to The New Idea Spreader Company, Coldwater, Ohio, a corporation of Ohio
Application May 21, 1935, Serial No. 22,663
6 Claims. (Cl. 209—24)



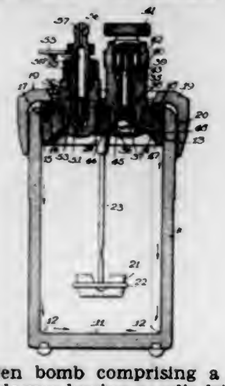
1. In a machine of the character described, a blower having an entrance, a shaker having one end portion extending across the entrance opening, and a baffle disposed vertically with its upper end movably connected with the frame of the machine and its lower end movably connected with the shaker, said baffle serving as a movable support for the shaker and moving longitudinally therewith from a position rearwardly of the entrance opening of the blower to a position in overlying relation to a portion of the entrance opening.

2,065,869
BEARING HOUSING FOR MOWERS AND THE LIKE
George J. Owens, Philip, S. Dak.
Application November 20, 1935, Serial No. 50,766
1 Claim. (Cl. 74—579)



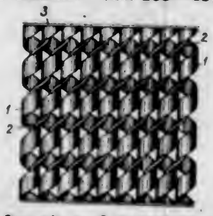
The combination with the sickle pitman and crank wheel of a mower, said wheel having a wrist-pin, of opposed plates contacting at their inner sides and having matching recesses forming a chamber housing the wrist-pin, wings integral with the plates having matching recesses in which one end of the pitman is seated, an anti-friction bearing on the wrist-pin and enclosed in the chamber, said bearing including an outer ring constantly bridging the joint between the meeting faces of the plates to exclude foreign substances from between the plates, means for fastening the plates together, certain of said means extending through the pitman to fasten it to the plates, one side of the bearing and one end of the wrist-pin cooperating with the respective plates to hold the housing and wrist-pin against relative lateral displacement.

2,065,870
OXYGEN BOMB
Harold L. Parr, Moline, Ill., assignor to Parr Instrument Company, Moline, Ill., a corporation of Illinois
Application May 14, 1934, Serial No. 725,589
10 Claims. (Cl. 73—191)



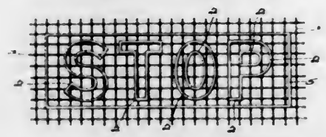
1. An oxygen bomb comprising a cylindrical container, a closure having a cylindrical portion closely fitting within one end thereof leaving a projecting wall, and having a beveled edge joining said cylindrical portion whereby an outwardly flaring annular recess is provided, a rubber gasket of a section to fit said recess, a ring against the outer surface of said gasket and a cap secured to said container to limit the outward displacement of said ring and to maintain said gasket normally under slight compression only, the development of a high internal pressure, due to combustion in said container, serving to greatly increase said compression and thereby assure a very effective gas tight joint, said closure having a valve chamber therein, there being a circumferential groove around said cylindrical portion, there being a duct connecting said chamber and said groove, whereby certain portions of the products of combustion, escaping through said groove and duct to said valve chamber are cooled by expansion, and other portions are impeded in reaching said gasket by the small clearance between said cylindrical portion and the container wall, the beveled edge portion of said closure serving as a metal barrier to retard the heat conducted to said gasket.

2,065,871
AIR AND LIKE FILTER
Wilhelm Rehfus, Stuttgart, Germany
Application January 26, 1935, Serial No. 3,609
Renewed September 8, 1936
4 Claims. (Cl. 183—45)



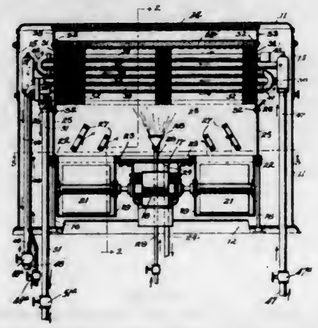
4. A filter for air and gases comprising layers of loosely wound, juxtaposed band coils, the distance between adjacent band convolutions being substantially equal to the distance across the band longitudinally of the coils, and wire coils interlaced with and connecting adjacent band coils in each layer.

2,065,872
SIGN
Walter S. Rockwell, Charleroi, Pa.
Application October 26, 1934, Serial No. 750,195
4 Claims. (Cl. 94—1.5)



1. A sign including a flexible open mesh backing adapted to be embedded in self-hardening plastic material, the interstices of the backing being of a size as to permit the plastic material to pass therethrough, and wire of rod-like form defining the outline of a symbol secured to said backing, said wire being of such cross sectional area as to project a sufficient distance from the adjacent face of the backing to provide a form for retaining self-hardening plastic material of a different color than that in which the backing is adapted to be embedded.

2,065,873
HEATING AND VENTILATION
Alonzo W. Ruff, York, Pa., assignor to York Ice Machinery Corporation, York, Pa., a corporation of Delaware
Application March 17, 1933, Serial No. 661,408
16 Claims. (Cl. 257—9)



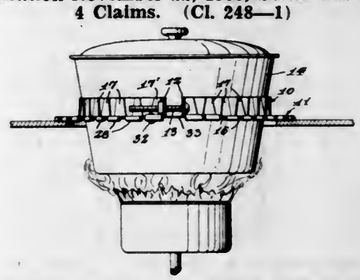
8. The combination of means forming a duct; two tubular heat exchangers, each made up of a plurality of tubes extending transversely across said duct and distributed over the flow path therethrough; connections for circulating a heating medium through the tubes of one exchanger; connections for circulating a cooling medium through the tubes of the other exchanger; means controlling said connections to provide circulation of said media selectively; a plurality of heat conducting plates extending transversely to said tubes, through which the tubes of both exchangers pass and with which the tubes of both exchangers are in heat conducting relation; and means for causing a circulation of air through said duct.

2,065,874
HAIR CURLER WITH ELECTRIC ATTACHMENT
Salvatore Robert Salvio, New York, N. Y.
Application November 6, 1934, Serial No. 751,754
9 Claims. (Cl. 132—36)



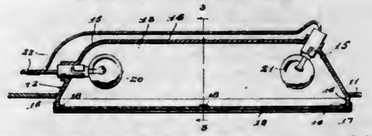
1. In a combined curling and setting device, the combination with a tubular member having apertures and solution trapping grooves, of a clamping device movable in relation to the tubular member for clamping the curl to the latter.

2,065,875
UTENSIL SUPPORT
Ralph M. Sargent, Franklin Park, Mass.
Application November 22, 1935, Serial No. 51,151
4 Claims. (Cl. 248—1)



1. In a utensil support, a band member adapted to encircle the utensil, said band having opposed apertured ears, a clamp screw engaged through the apertures, a flange on the band extended at right angles and substantially circumscribing the band, said flange having a guide strip at one end, engageable with the flange at the opposite end, and said flange being constructed to provide circumferential extension and contraction thereof upon adjustment of said clamp screw.

2,065,876
MOTOR VEHICLE LIGHTING SYSTEM
Jacob Siegfried, Fuquay Springs, N. C.
Application January 30, 1936, Serial No. 61,583
1 Claim. (Cl. 240—8.2)



A motor vehicle lighting system comprising a casing member mounted at substantially the highest point of the vehicle body and intermediate the length thereof, said casing member hav-

ing an interior reflecting surface and a transparent front, a bulb mounted in one end of the casing and lying in a plane longitudinal of the casing, a second bulb mounted in the casing opposite the first named bulb and positioned at an angle to the first named bulb whereby to direct forward and lateral rays of light and means for energizing the bulbs.

2,065,877

METHOD OF MANUFACTURING A COTTON FIBER-LIKE MATERIAL FROM STRAW

Soai Tanaka, Sakyo-Ku, Kyoto, Japan

No Drawing. Application September 10, 1935, Serial No. 40,002. In Japan December 3, 1934
1 Claim. (Cl. 92—10)

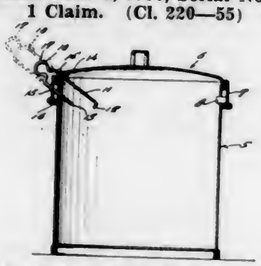
Method of manufacturing a cotton fiber material comprising heating α-cellulose, which is obtained by digesting straw with alkali, with the addition of "Nibé" (the liquor extracted from the vegetable glue, "*Hydrangea paniculata siet*" utilized as a sizing material in the making of Japanese paper) and myrrh, then gelatinizing it by treatment with hydrosulphites, bleaching it with chlorine, and then adding ammonium carbonate whereby it is opened into single fiber form.

2,065,878

COVER FASTENING MEANS

Calvin Wurzlow, Houma, La.

Application June 5, 1936, Serial No. 83,781
1 Claim. (Cl. 220—55)



In combination, a receptacle, a cover on the receptacle and having a flange surrounding a portion of the receptacle when the cover is in place thereon, a lug on said flange engageable with a receiving opening in the receptacle, and fastening means carried by a diametrically opposite side of the cover and engageable with the receptacle when in fastening position, the fastening means comprising a U-shaped member having one leg slidable in an opening in the cover and another leg slidable into a position in which it engages holes in the said flange and in the receptacle, when in fastening position, a lug on one of said legs acting as a stop for engaging the cover to prevent separation of the fastening means from the cover.

2,065,879

DERIVATIVES OF AMINO-QUINOLINES AND METHOD OF MAKING SAME

Lorenz Ach and Christian von Hofe, Mannheim-Waldhof, Germany, assignors to C. F. Boehringer & Soehne G. m. b. H., Mannheim-Waldhof, Germany

No Drawing. Application January 11, 1933, Serial No. 651,230. In Germany January 16, 1932
6 Claims. (Cl. 260—38)

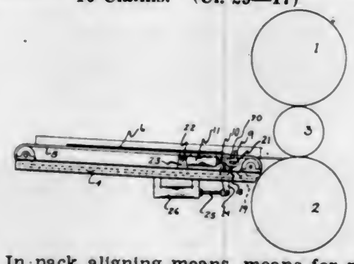
6. The azimides of dihydro-2-hydroxy-6-alkoxy-quinoline, being the isomers of the diazonium hydroxides of 6-alkoxy-8-aminoquinolines, the compounds being substantially colorless needles decomposed at temperatures near 200° C.

2,065,880

END MATCHING DEVICE FOR ROLLING MILL PACKS

Terrence W. Allsworth, Middletown, Ohio, assignor to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio

Application February 27, 1935, Serial No. 8,575
10 Claims. (Cl. 29—17)



1. In pack aligning means, means for moving a pack, stop means for arresting motion of said pack by said moving means, means providing for resilient motion of said stop means in a direction substantially parallel with said pack moving means, and means for moving said stop means in a direction substantially transverse to said pack moving means.

2,065,881

COATED FABRIC

Alfonso M. Alvarado and Harold J. Barrett, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application January 5, 1934, Serial No. 705,458. Renewed June 18, 1936
2 Claims. (Cl. 91—68)

1. As an article of manufacture, a rubber coated fabric sheeting having a top coat of dried varnish comprising gilsonite, drying oil vehicle and carbon black, the drying oil vehicle and gilsonite being present in the proportion of from about 160 to 560 pounds of the drying oil vehicle per 100 pounds of gilsonite, the carbon black being present in an amount not less than about 12% of the combined weight of the gilsonite and oil vehicle, and not more than the weight of the oil less one and one-fourth the weight of the gilsonite.

2,065,882

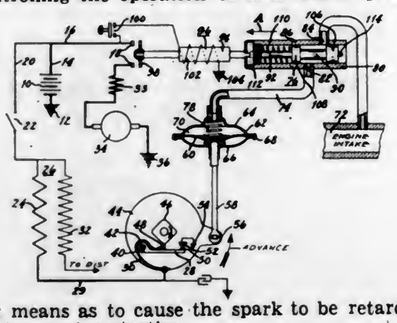
STARTING AND IGNITION SYSTEM

James L. Arthur, Anderson, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application August 5, 1933, Serial No. 683,761
10 Claims. (Cl. 290—38)

1. In a starting device for internal combustion engines having an ignition timer and automatic means operable by the engine for operating said timer to change the time relation of the spark occurrence during the normal operation of the engine, the combination comprising a current source, a starting motor, a normally open circuit between said starting motor and the current source, electromagnetic means for closing said circuit to cause the starting motor to become operative to start the engine, and means

operated by said electromagnetic means for so controlling the operation of said timer operating means as to cause the spark to be retarded during engine starting.

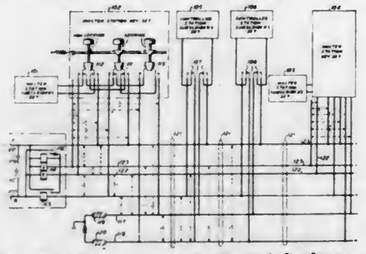


2,065,883

INTERCOMMUNICATING TELEPHONE SYSTEM

William M. Beaumont, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application September 26, 1935, Serial No. 42,192
4 Claims. (Cl. 179—42)



1. In an intercommunicating telephone system, a plurality of subscribers' stations, a trunk line from a central office multipled at each of said stations, a telephone set at each station, means at each station for connecting the respective telephone set to the trunk line, a multi-winding relay associated with the trunk, switching means at one of said stations for connecting one winding of said relay in series with the telephone set across said trunk to cause operation of the relay, contact means associated with said relay and closed when the relay is operated to connect a second winding of said relay in a holding bridge, including a resistance, across said trunk to hold said relay operated when said switching means is released, a series relay in said trunk line adapted to be operated whenever any of said telephones are connected to the trunk, said relay being arranged, when operated, to short-circuit said second winding to cause the multi-wound relay to release and remove the holding bridge from the trunk.

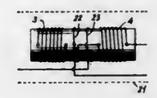
2,065,884

TUNED RADIO FREQUENCY AMPLIFIER

Rene A. Braden, Merchantville, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Original application May 16, 1928, Serial No. 278,105. Divided and this application August 31, 1932, Serial No. 631,225
6 Claims. (Cl. 178—44)

1. A high frequency coupling system comprising an input circuit and an output circuit, each of said circuits including an inductance tuned by a capacity to a frequency which is the carrier frequency to be transmitted, said inductances being located in close proximity to each other, and an electrical conducting shield closely surrounding said inductances whereby the effective coefficient of coupling between said coils is of a sufficiently small magnitude so that said system as a whole tunes to the same frequency to which each of said circuits is individually tuned.

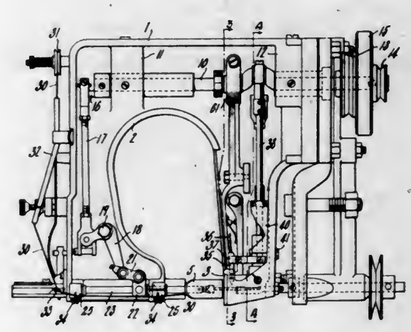


2,065,885

SEWING MACHINE

Howland F. Briggs, Buffalo, and Robert N. Cundall, Lackawanna, N. Y., assignors to Consolidated Packaging Machinery Corporation, Buffalo, N. Y., a corporation of New York

Application September 14, 1933, Serial No. 689,400
3 Claims. (Cl. 112—215)



1. In a sewing machine, a feed dog for advancing the material to be sewn in a series of intermittent movements relative to said machine, a holder, upon which said feed dog is mounted, adapted to be reciprocated along a fixed axis extending parallel to the direction of movement of the material relative to the sewing machine, and a fixed pin pivotally supporting said holder and constituting said axis, said holder having a length from said axis to said feed dog at least several times the length of the arc of movement of said feed dog about said axis.

2,065,886

KITCHEN UTENSIL

Spenser B. Clift, Pasadena, Calif.

Application January 14, 1936, Serial No. 59,015
2 Claims. (Cl. 15—245)

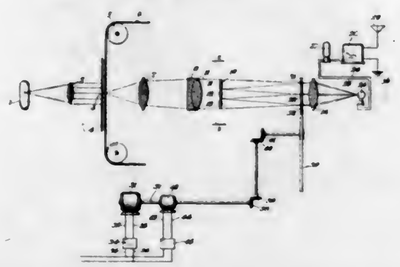
1. A kitchen utensil of the character described comprising a flexible blade having a straight scraping edge and formed with a centrally thickened portion, said centrally thickened portion being formed with a handle receiving recess, the sides of which are disposed at an angle with respect to said straight scraping edge, and a handle element of uniform cross-section having

one end received in the said recess, with the other end positioned with one corner thereof in a line



which is a continuation of the said straight scraping edge.

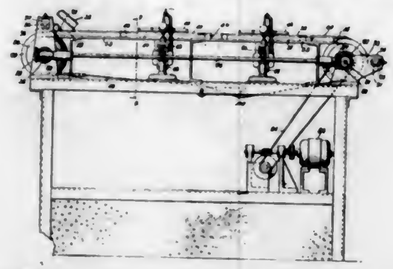
2,065,887
TELEVISION IN COLOR
Samuel Bayard Colgate, Orange, N. J.
Application December 26, 1931, Serial No. 583,225
6 Claims. (Cl. 178—6)



1. In a device of the character described, the combination of a lenticulated film, a source of light, means including transmitting apparatus having a scanner with openings adapted to transmit the individual different color registrations back of each lenticulation separately in succession from an area of the film and a single photoelectric cell adapted to receive the light from and be actuated by the separate different color registrations in succession.

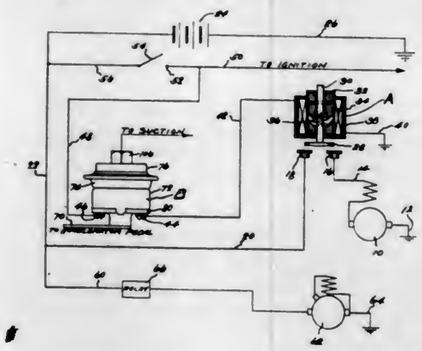
2,065,888
MACHINE FOR ASSORTING ROUND AND CYLINDRICAL ARTICLES
Clarence J. Du Brul and William J. Luttmann, Cincinnati, Ohio, assignors to The Miller, Du Brul & Peters Mfg. Co., Cincinnati, Ohio, a corporation of Ohio
Application July 23, 1932, Serial No. 624,298
6 Claims. (Cl. 209—121)

1. In a machine for assorting articles according to weight, an endless conveyor belt, means for frictionally driving said belt, a scale arranged with its pan below and in contact with said conveyor belt, means for keeping a loop of slack in said conveyor belt so that it rests freely upon said



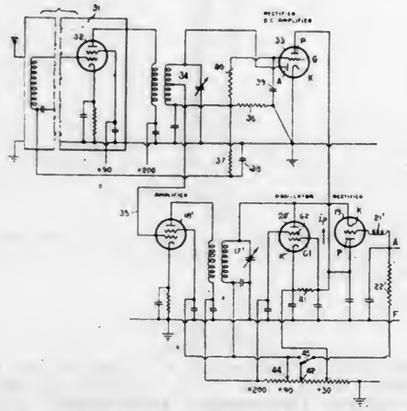
scale pan, and selecting means controlled by said scale.

2,065,889
ENGINE STARTING APPARATUS
John B. Dyer, Pendleton, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application August 16, 1933, Serial No. 685,315
4 Claims. (Cl. 290—38)



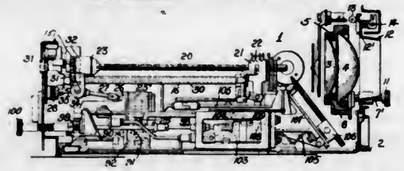
1. Control apparatus for an internal combustion engine comprising a starting motor, a current source, means for controlling the connection of the starting motor with the current source including a switch having stationary and movable contacts, suction operated means for causing the disengagement of the movable contact from the stationary contact while the engine is running under its own power, said suction operated means comprising a member adapted to hold said movable contact in switch closing position, and means communicating the engine suction to said member, said member being deformed by effect of the suction thereon to operate said switch and so constructed that the force inherent in the member itself and exerted by said member in opposition to the suction is greater when the switch is in its closed position than its force opposing the effect of suction after said member has been moved to position to open the switch, whereby the suction of the engine during cranking and before starting to run under its own power is insufficient to effect opening of the switch, but the suction at any possible operating speed when the engine is operating under its own power is sufficient to hold the switch open.

2,065,890
SELECTIVE DETECTION
Paul O. Farnham, Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application September 14, 1932, Serial No. 633,170
20 Claims. (Cl. 250—20)



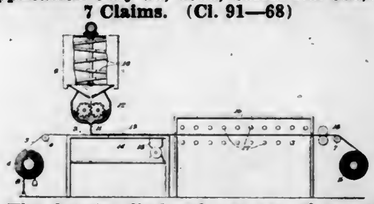
1. In the reception of radio frequency waves, the method of discriminating against an undesired radio frequency wave of a frequency adjacent to but differing from that of a desired wave, which comprises increasing the amplitude of the desired wave without substantial increase in the amplitude of the undesired wave by combining therewith an unmodulated rejector voltage of the frequency of the desired wave, and detecting with substantially equal efficiencies the amplitude modulation on the desired wave of increased amplitude and the amplitude modulation on the wave resulting from the combination of the rejector voltage and the carrier component of the undesired wave.

2,065,891
AUTOMATIC PROJECTOR LAMP
Theodore O. Hall, New York, N. Y., assignor to Hall & Connolly, Inc., New York, N. Y., a corporation of New York
Application February 15, 1932, Serial No. 593,004
18 Claims. (Cl. 176—70)



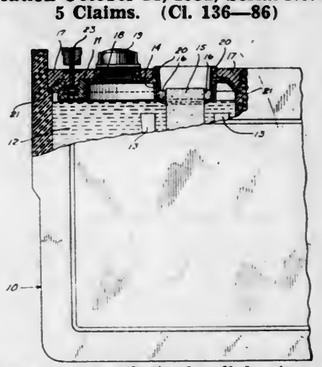
18. In a projector lamp or the like, the combination with the positive and negative electrodes, of means responsive to the position of the positive crater for feeding the positive electrode, means for feeding the negative electrode from the positive feeding means at a speed proportional thereto, including a crank driven by the positive feed, a crank arm oscillated thereby, a one-way driving connection between said crank arm and the negative feed, and means for preventing backward action of the negative feed during the return strokes of said crank arm.

2,065,892
MATERIAL FOR USE AS LEATHER SUBSTITUTE AND PROCESS OF MANUFACTURE
Albert J. Hanley, Cranston, R. I., assignor to Respro Inc., Cranston, R. I., a corporation of Rhode Island
Application July 29, 1933, Serial No. 682,794
7 Claims. (Cl. 91—68)



1. The herein disclosed process of manufacturing material suitable for use as a leather substitute, comprising filming a layer of fiber laden rubber compound on one face of a fabric base, applying suction to the opposite face of said fabric base with sufficient force to draw the fibers and rubber compound into the interstices of the fabric base, drying and pressing.

2,065,893
BATTERY
George W. Heise, North Olmsted, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
Application October 14, 1931, Serial No. 568,814
5 Claims. (Cl. 136—86)

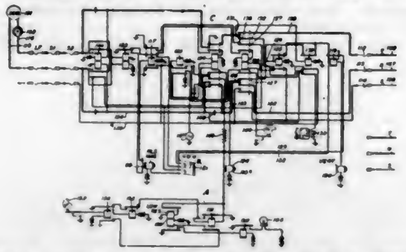


1. In an air depolarized cell having a casing with a cover thereon; a caustic alkali liquid electrolyte sealed therein; and an anode immersed in said electrolyte; a projection depending from said cover and extending downward below the surface of said electrolyte and provided with an opening below said surface and a gas pervious electrolyte-repellent cathode carried by said projection in said opening and extending downward into said electrolyte and upward to the outer atmosphere.

2,065,894
TELEPHONE SYSTEM
Henry Hovland, Williston Park, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 26, 1935, Serial No. 13,071
5 Claims. (Cl. 179—27)

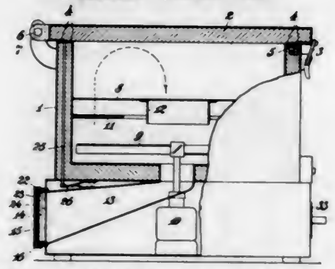
1. In a telephone system, an automatic switch, circuits of different classes accessible to said switch, means including said switch for establishing a connection to a circuit of any one

of said classes, a timing mechanism for controlling the release of said switch, a relay for said switch operable over a circuit of one of said classes for sending a signal over the estab-



lished connection and operable over a circuit of another of said classes without sending said signal over the established connection, and a circuit for said timing mechanism controlled on each operation of said relay.

2,065,895
APPARATUS FOR STERILIZING BY HEATED AIR
Karl Jandat, Munich, Germany
Application July 30, 1932, Serial No. 626,439½
In Germany July 11, 1928
4 Claims. (Cl. 21—18)



1. Sterilizing apparatus for surgical instruments and bandages comprising in combination a sterilizing chamber having an air inlet and an outlet, means for opening and closing said outlet, an air filtering appliance for disinfecting air entering through said air inlet, a fan in said chamber, a support in said chamber for holding articles to be sterilized in the path of air propelled by said fan, electric circuit means including heating resistances located between said fan and said support and said means for closing, and means responsive to the opening of the outlet for disconnecting said resistances without affecting the operation of said fan.

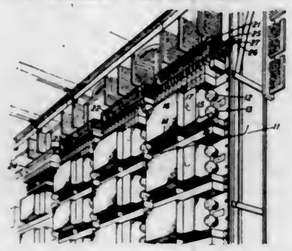
2,065,896
REMOVABLE STRAIGHTENING TOOL
William R. Keever, Sulphur Mine, La., assignor to The Union Sulphur Company, a corporation of New Jersey
Application November 6, 1934, Serial No. 751,688
4 Claims. (Cl. 255—1)

1. A drilling device including a drill member for forming a bore, a member acting to change the direction of the drilling member, frangible means positively connecting said drilling member and said direction changing member to prevent relative rotation therebetween in order that the direction changing member may be accurately positioned in the bore, said connection being adapted to be broken before the direction of the bore is changed, and clutch means for



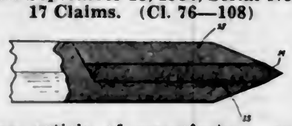
connecting said members prior to their removal of the bore after the direction of the bore has been changed.

2,065,897
FUSE PANEL
Arthur Kenner, Maplewood, N. J., and Charles A. Smith, Great Neck, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York.
Application June 1, 1935, Serial No. 24,498
9 Claims. (Cl. 179—91)



1. A fuse panel comprising two sections, a plurality of individual fuse posts mounted on one of said sections and a common supply plate mounted on the other of said sections, said supply plate terminating at its front edge in a plurality of individual fuse posts and being provided with a plurality of notches effective to facilitate separation of the plate into electrically distinct sections.

2,065,898
TOOL AND METHOD OF MAKING SAME
Malcolm G. Kreag, West Los Angeles, Calif., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
Application September 15, 1932, Serial No. 633,232
17 Claims. (Cl. 76—108)

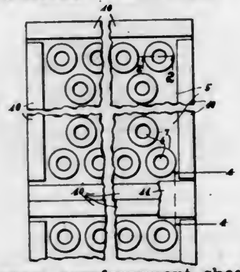


1. As an article of manufacture, an implement or tool for drilling or for breaking up hard formations by impact, the same having an elongated body of tough abradable material; and an elongated core of a material of greater wear-

resistance than that of the said body, the core being disposed longitudinally of the body and completely encased by the body throughout at least the major portion of its length; said core having an end protruding from an end of the body, and the portion of the body adjacent the protruding end of the core being tapered on all sides along lines converging to a point.

6. The method of making a tool or implement which consists in forming a groove in a metallic body; weld-depositing a core therein; and placing a filler in the groove weld-deposited to the sides of the groove; said core and body being coaxially arranged.

2,065,899
BUILDING REENFORCEMENT
Edward G. Lamel, Los Angeles, Calif.
Application December 13, 1933, Serial No. 702,180
5 Claims. (Cl. 72—116)

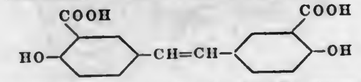


4. A structure reenforcement sheet having a plurality of tubular members projecting therefrom, the walls of said tubular members forming a raised surface of substantially uniform height, said tubular members having flared bases joining the main body of the sheet.

2,065,900
DIHYDROXYSTILBENE-DICARBOXYLIC ACID AND A PROCESS OF PREPARING IT
Leopold Laska and Oskar Haller, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application March 18, 1936, Serial No. 69,595. In Germany March 23, 1935
2 Claims. (Cl. 260—111)

1. The process which comprises heating the alkali metal salts of 4, 4'-dihydroxystilbene with carbon dioxide under a pressure of about 110 to about 120 atmospheres.

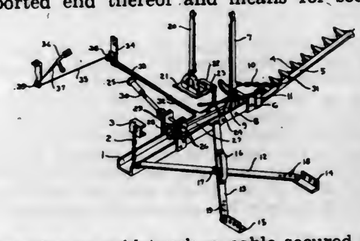
2. The compound of the following formula:



crystallizing from quinoline in the form of a sandy feebly yellowish powder which melts at 350° C.–355° C. with decomposition.

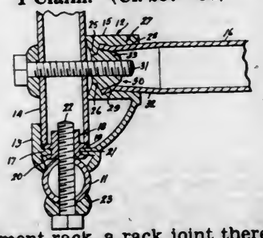
2,065,901
MOWING ATTACHMENT FOR TRUCKS
Harry W. Leavitt, Hammond, Ill., assignor to Frank E. Thompson, Pierson Station, Ill.
Application July 27, 1935, Serial No. 33,426
2 Claims. (Cl. 56—25)

1. A mowing attachment for trucks comprising a frame secured to the truck, a mowing sickle operatively adapted to pivot to the frame off to one side of the truck a power take off operatively secured to the frame and adapted to be controllably connected with the motor of said truck, gears, a crank connected therewith and a driving rod establishing operative connection between said sickle and said power take off, a lever on said frame for pivotally lifting said sickle, a second lever adapted to be secured to the running board of said truck and operatively connected with said frame for optionally lifting the frame and the sickle together, a pair of crossed arm members for attaching the frame to a truck body, means for changing the limit of movement of said arms, a chain suspension for said frame adjacent the end opposite said sickle, a forward spring secured to the frame adjacent the sickle supported end thereof and means for securing



said spring to said truck, a cable secured to the frame adjacent the point where said spring is secured and operatively supported on said truck in a manner securing the same to the forward side of the foot pedal of said truck clutch, a spring establishing connection between said cable and said clutch pedal, whereby when said sickle mounting strikes an obstacle when in operation, said forward spring on the frame tends to resiliently hold the sickle mounting against an excessive back swing and whereby when such an obstacle is hit without notice of the driver, said cable will automatically pull forward on said clutch pedal releasing the truck engine from the control of the truck so that the truck may come to a stop.

2,065,902
GARMENT RACK JOINT
Edward Levin, Brooklyn, N. Y.
Application July 2, 1935, Serial No. 29,461
1 Claim. (Cl. 287—54)
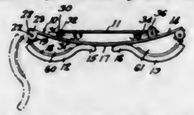


In a garment rack, a rack joint therefor, comprising a fitting having a double tapered opening in which a rack section may be secured, an inner annular flange in the said fitting contiguous to the said opening, a tapered nut resting on the said flange, means on the said nut to clamp the nut against the said flange, and a bolt adapted to pass through the nut for securing the said rack section to the fitting.

2,065,903
SCARF HOLDER
Nat Levy, New York, N. Y.
Application June 11, 1936, Serial No. 84,645
2 Claims. (Cl. 24—82)

1. In a scarf holder, a forwardly convex elon-

gated frame member of uniform width, a pair of transversely spaced, perforated lugs extending forwardly from each end of said frame member, a pair of forwardly convex ornament holding members, a pair of transversely spaced perforated lugs extending rearwardly from an end of each of the ornament holding members, said last mentioned pair of lugs of each of the holding members being arranged between the respective first mentioned pairs of lugs, a hinge pin passing through said pairs of lugs, a coil



spring wound about each of the hinge pins and urging the holding members toward the frame, an ornament member secured to the front face of each of the holding members and projecting beyond the free end of the holding member and of sufficient length to press against the frame member in the operative scarf holding positions thereof, an attaching pin hingedly mounted on the rear face of the frame member, and means on said rear face for detachably engaging the pin.

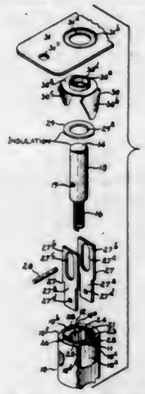
2,065,904

ELECTRIC SWITCH

George J. Meuer, Milwaukee, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware

Application December 24, 1934, Serial No. 758,951

21 Claims. (Cl. 200—159)



1. In a door-operated electric switch, in combination, a molded insulating base having a recess formed therein and opening to the upper surface thereof, the bottom wall of said recess having a centrally located abutment formed integrally therewith, a coiled compression spring one end of which is adapted to engage with said abutment for centering thereof by the latter, a molded insulating plunger of cylindrical form which is freely slidable within said recess and guided by the walls thereof, said plunger having a recess in the lower end thereof to accommodate the upper end of said spring, a contactor comprising a cylindrical metal member rotatably carried by said plunger in a plane spaced from and above the recess in the latter, said contactor having substantial portions of the length thereof exposed on opposite sides of said plunger, a pair of contacts loosely positioned edgewise in parallel vertical planes within said recess and into and out of engagement with which said contactor is adapted to move, said contacts having wiring terminal portions exposed below the lower surface of said base, an insulating member adapted to overlie the upper end of said recess and engaged with said contacts to retain the latter in position, and a metal member secured to said base and adapted to overlie said insulating member, said insulating member and said metal member having alined openings formed therein to provide clearance for said plunger and to assist in guiding the latter.

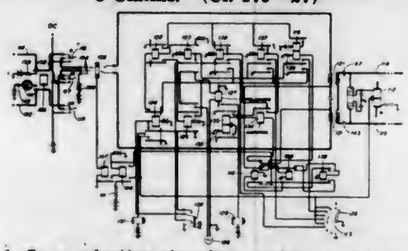
2,065,905

SIGNALING SYSTEM

Thomas H. Neely, Stewart Manor, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application September 18, 1935, Serial No. 41,008

5 Claims. (Cl. 179—27)



1. In a selective signaling system, a transmitting station, a receiving station, a line therebetween, a local circuit closer at the transmitting station, means responsive to operation of said circuit closer for transmitting a predetermined number of electrical impulses to said line and responsive to release of said closer for transmitting another predetermined number of impulses, means at the receiving station responsive to said first predetermined number of impulses for operating said responsive device and responsive to said second predetermined number of impulses for releasing the device.

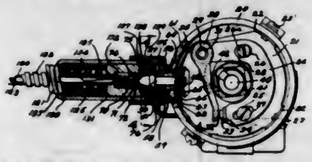
2,065,906

IGNITION LOCK

Leslie O. Parker and John T. Fitzsimmons, Anderson, Ind., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application March 12, 1929, Serial No. 346,402

5 Claims. (Cl. 173—269)



1. In a self-locking electrical connector; the combination comprising a housing, a terminal stud having a portion which extends within said housing to make an electrical connection with an instrument therein, means within the housing and cooperating with said stud portion to secure said stud to said housing by rotation of that portion of the stud exterior to the housing, means including a part of the instrument within the housing for preventing rotation of first recited means, and means for enclosing the exterior portion of the stud and including a part non-detachably connectible therewith and rotatable about the stud without rotation of the stud relative to the first mentioned housing.

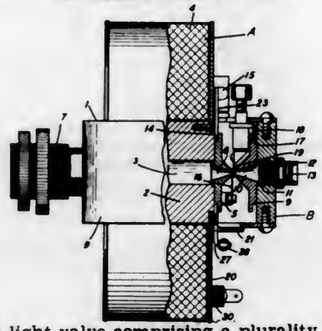
2,065,907

TRANSLATING DEVICE

George E. Perreault, Bronxville, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application April 27, 1934, Serial No. 722,707

15 Claims. (Cl. 83—61)



1. A light valve comprising a plurality of pole-pieces for setting up a constant magnetic field, each pole-piece having an axial opening and a reduced portion constituting a bearing, a conductor supplied with signal current suspended between said pole-pieces, a support engaging the respective bearings and each provided with a plurality of opaque elements having their ends spaced apart, and means for adjusting said supports to bring the ends of said elements in register for defining a light aperture.

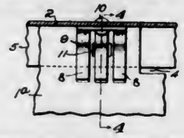
2,065,908

COVER AND LIKE FASTENER INSTALLATION AND FASTENER FOR THE SAME

Sophus E. Pihl, Dorchester, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts

Application January 15, 1935, Serial No. 1,911

5 Claims. (Cl. 220—55)



1. In combination, a metal automobile radio box having upstanding walls, one of said walls having a detent formed in the material thereof spaced from its upper edge, a cover for said box, a sheet metal fastener member secured to said cover and having a plurality of spaced-apart spring fingers, each of said fingers having an outwardly disposed shoulder, one of said shoulders engaging the detent in the wall of the box and other shoulders bearing against the wall of the box adjacent to said detent whereby said cover is secured to said box.

2,065,909

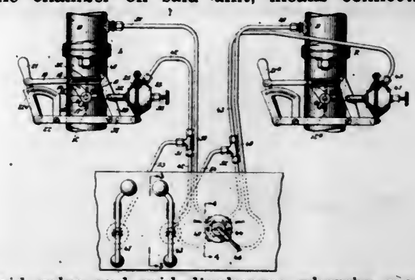
FLUID PRESSURE THROTTLE CONTROL FOR ENGINES

Edward A. Rockwell, Chicago, Ill., assignor, by mesne assignments, to General Auto Parts Corporation, a corporation of Delaware

Application September 30, 1931, Serial No. 566,007

4 Claims. (Cl. 137—153)

1. In an apparatus of the class described, in combination with an engine having an intake manifold, a valve therein, a control unit mounted adjacent said valve, said unit including a chamber and a diaphragm closing said chamber and adapted to be actuated by pressure from an engine intake manifold, means for varying the pressure extent by said diaphragm mounted in the chamber on said unit, means connecting



said valve and said diaphragm whereby movements of the latter will control the position of said valve in the manifold, and means including a duct constantly open leading from said manifold above said valve leading to the far side of said chamber for controlling the pressure on the diaphragm by admitting air to the chamber.

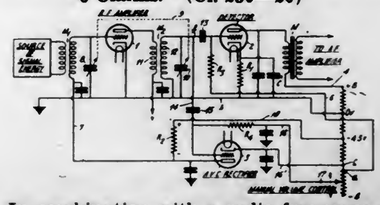
2,065,910

AUTOMATIC VOLUME CONTROL CIRCUITS

Harold A. Snow, Mountain Lakes, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application October 14, 1932, Serial No. 637,699

6 Claims. (Cl. 250—20)



1. In combination with a radio frequency amplifier whose gain is to be automatically controlled, a detector including at least a cathode, anode and signal grid, an impedance in the detector space current circuit providing a signal-controlled negative bias for the signal grid, means for coupling the output circuit of the detector to an audio frequency amplifier, a rectifier, means for connecting the input circuit of said detector to the input electrodes of said rectifier, an impedance in the anode circuit of said rectifier, a connection between one side of said impedance and an input electrode of said controlled amplifier, a common voltage supply potentiometer for energizing the electrode circuits of said controlled amplifier, detector and rectifier, means, comprising a portion of said potentiometer in series with said space current impedance, for providing an invariable negative bias for the detector signal grid, and a manual volume control device connected between an input electrode of said rectifier and a predetermined point on said voltage supply potentiometer.

2,065,911

POWER AMPLIFYING DEVICE

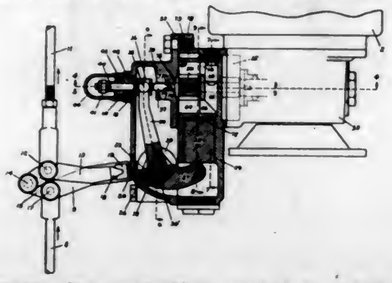
Edwin G. Staude, Minneapolis, Minn.

Application June 6, 1932, Serial No. 615,621

8 Claims. (Cl. 188—152)

8. A power amplifying device including a gear pump having a casing, means located at the level

of the meshing point of the gears for controlling full volume by passing of liquid around the gears including a short by-passage connecting the intake and discharge sides of the pump and a plunger for controlling said passage by movement toward and away from the side faces of the gears, and a pedal positively connected to the



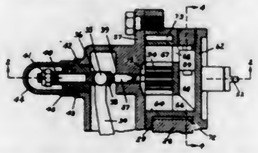
plunger for controlling said last mentioned means, by which initiation of the power amplifying operation by the pedal prevents by-passing for obtaining full pumping pressure, and by which the by-passage controlling means reacts against force applied to the pedal to obtain pedal "feel".

2,065,912

PUMP CONSTRUCTION

Edwin G. Staude, Minneapolis, Minn.

Application June 6, 1932, Serial No. 615,622
6 Claims. (Cl. 103—126)



1. A gear pump comprising a walled casing having a pump chamber, meshing pump gears in the chamber, a groove in the inner face of one of the walls and opposing the gears at their meshing point, and adapted to by-pass the pump fluid, a plunger reciprocable in the wall across the groove to control by-pass flow and having an end engageable with the side face of the gears to stop by-pass flow through the groove, a spring normally holding the plunger in a position to permit full fluid flow through the by-pass groove, and means for moving the plunger, against the action of said spring.

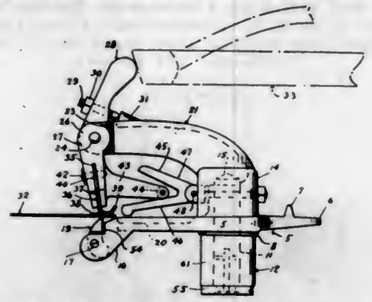
2,065,913

TENTER CLIP

Charles H. Weber, Newark, N. J., assignor to John E. Peterson, Irvington, N. J.

Application January 30, 1933, Serial No. 654,284
Renewed June 25, 1936
13 Claims. (Cl. 26—62)

1. In a tenter clip, a base having at least a part of its top formed with treating fluid conveying grooves opening at one end through the front edge of the base, a bracket on and overhanging the grooved portion of the base, a movable jaw carried by said bracket and extending downwardly toward the front edge of said base, a tiltable member for engaging the under side of a piece of cloth which is adapted to lie on said grooved portion of the base, said tiltable member extending across and being carried by base portions adjacent said front edge of the base for cooperation with said movable jaw to engage opposite sides of the cloth, at least the



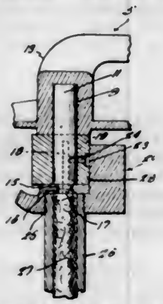
base portions carrying said tiltable member being downwardly angulated toward the said tiltable member.

2,065,914

CLOTH TENTERING MACHINE

Charles H. Weber, Bloomfield, N. J., assignor to John E. Peterson, Irvington, N. J.

Original application January 30, 1933, Serial No. 654,284. Divided and this application November 17, 1933, Serial No. 698,506
8 Claims. (Cl. 26—61)



4. In a tentering machine chain, a slide link having a pair of spindles fastened thereto, a drive link having one end portion bored to rockably receive one of said spindles, a second drive link having one end portion bored to rockably receive the remaining one of said spindles, said drive link having a lateral lubricant duct leading from each of said bores through the side of the link, each spindle being provided with a lubricant passage leading up from the bottom of the spindle and having a lateral-branch opening through the side of the spindle in feeding relation to the inner end of each of said lubricant ducts, and means on said machine for supplying lubricant to the lower end of said passage.

2,065,915

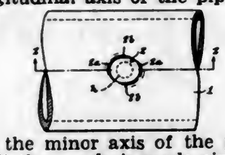
METHOD FOR FORMING BRANCH NOZZLES ON PIPES

William D. Weston, Warren, Ohio, assignor to General Fire Extinguisher Company, Providence, R. I., a corporation of Delaware

Application November 8, 1934, Serial No. 752,050
8 Claims. (Cl. 29—157)

1. The method of forming a branch nozzle on a pipe which comprises forming an opening in the pipe wall and then forcing a forming tool outward therethrough to partly form the nozzle

in elliptical shape with its major axis parallel to the longitudinal axis of the pipe, followed by



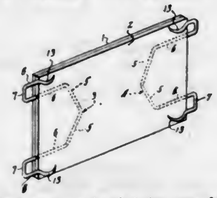
increasing the minor axis of the partly formed nozzle until the nozzle is made circular.

2,065,916

DETACHABLE TAG

Lewis E. Williams, Long Beach, Calif.

Application June 1, 1936, Serial No. 82,752
8 Claims. (Cl. 40—25)



4. A tag of sheet material in combination with means for attaching the tag to a fabric surface comprising a length of spring wire, the mid portion of which is imbedded in the tag and the end portions of which extend through one end of the tag, each end portion extending beyond its point of emergence from the tag first away from the tag and then back toward the tag, the wire having such natural resilience and the portions of the wire exterior of the tag being of sufficient length to permit deflection of the tips from the tag for insertion of a fabric between the tips and the tag, without permanent deformation of the wire.

2,065,917

DETACHABLE TAG

Lewis E. Williams, Long Beach, Calif.

Original application August 20, 1934, Serial No. 740,612. Divided and this application June 1, 1936, Serial No. 82,753
6 Claims. (Cl. 40—25)



1. A clothing ticket comprising a tag of sheet material and a spring wire element, one end of which is anchored in said tag and the tip of the other end of which is directed toward a surface of said tag, the intermediate portion of the wire between the anchored end and the tip being normally under tension to yieldably hold said tip against said surface in which a part at least of said intermediate portion of said wire is positioned in spaced relation from the face of said tag opposite the face against which said tip bears, whereby said tip can be deflected away from said tag by forcing said mentioned part of said wire toward said tag.

2,065,918

MONOGRAM

Ivan Wolff, New York, N. Y.

Application December 16, 1935, Serial No. 54,635
10 Claims. (Cl. 40—140)

1. A plurality of elements each having an outline in agreement with an outline of a different letter of the alphabet, all said elements being made so as to be of substantially the same thickness at their median portions, each of said elements having two oppositely located portions of reduced thickness each including a part of the periphery of the letter, one of such reduced por-



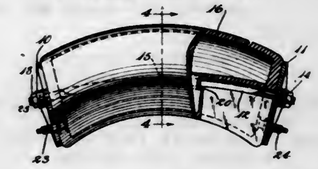
tions having a back face forming substantially a smooth continuation of the back face of the median portion of the element and the other of said reduced portions having a front face forming a substantially smooth continuation of the front face of said median portion.

2,065,919

INFLATABLE REPAIR BAG

Joseph J. Black, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York

Application November 20, 1935, Serial No. 50,670
4 Claims. (Cl. 18—45)



1. An expansible curing bag comprising a pair of opposed rigid end plates, a tension member for holding said plates in spaced relation, and an expansible bag member formed with a reentrant channel adapted to straddle and surround the tension member between said end plates.

2,065,920

BUILDING WALL STRUCTURE

Mills G. Clark, Cleveland Heights, Ohio, assignor to Insulated Steel Construction Company, Cleveland, Ohio, a corporation of Ohio

Application February 8, 1933, Serial No. 655,790
5 Claims. (Cl. 189—34)



1. A metal building wall base section comprising a plurality of similar units, each unit comprising a sheet metal strip bent lengthwise to form wide shallow adjacent channels opening oppositely, with the channel bottom parts defining side faces for the unit, and with lips outwardly extending from the free channel extremities at the opposite edges of the unit, said units being disposed edge to edge in a common general plane, with the lip of one unit overlying the bottom part of the near channel of the next unit, and secured thereto as by welding, whereby the section comprises in effect a continuous repetition of said units, and the side edge parts of the section are those of the end units.

2,065,921
CONDENSER

Felix Gerth, Berlin-Tempelhof, and Richard Kielhorn, Berlin-Pankow, Germany, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany, a company

Application July 8, 1935, Serial No. 30,382
In Germany July 7, 1934
4 Claims. (Cl. 175—41)
(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)



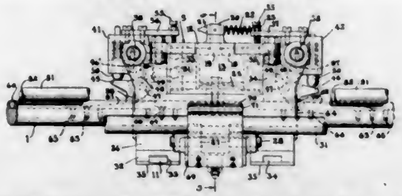
1. In a condenser, elements consisting of ceramic discs thickened adjacent their center portion and having a metal coating on either side, a bolt carrying these discs, and means for pressing them together so that the metal coatings make contact with each other.

4. A condenser according to claim 1, wherein the said ceramic discs have roll-shaped central enlargements covered by said metal coatings and making the said contact, and have also circumferential enlargements not covered by the said metal coatings.

2,065,922
CARRIER ROD OPERATING MECHANISM

William Hug, Clifton, N. J.

Application December 21, 1935, Serial No. 55,528
18 Claims. (Cl. 66—127)



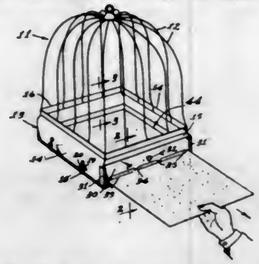
1. Carrier rod driving mechanism for a flat knitting machine which consists of a reciprocable drive box provided with means adapted to move into and out of engagement with a reciprocable drive rod, and frictionally governed means on said drive box which maintains said rod engaging means in engaging position during the traversing of the drive box by the drive rod and permits said rod engaging means to move out of rod engaging position when the traverse of the drive box has terminated said frictionally governed means including a sleeve slidable within a cylinder and in a frictional relation therewith of substantially constant value.

2,065,923
MAGAZINE FLOOR COVER FOR BIRD CAGES

Conrad O. Jessen, Los Angeles, Calif.

Application September 17, 1934, Serial No. 744,272
4 Claims. (Cl. 119—17)

1. In a bird cage having an open bottom frame with a slot in one end thereof: a paper holding magazine releasably mounted in the open portion of said bottom frame forming a closure for said frame; a cover plate on said magazine adapted to form a bottom for said cage; an elongated sheet of paper folded in lengths corresponding to the length of said magazine and contained therein, the edge of said cover plate

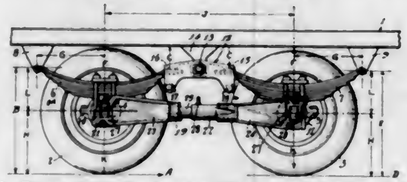


at the end of the cage opposite said slot being spaced away from the end of said magazine whereby said paper can be drawn over said cover plate and through said slot; and means for cutting said paper.

2,065,924
RUNNING GEAR

Garner L. Knox, Glendale, Calif., assignor to Utility Trailer Manufacturing Company, Los Angeles, Calif., a corporation of California

Application November 25, 1935, Serial No. 51,351
3 Claims. (Cl. 280—104)



1. In a running gear, the combination of a frame, spaced axles for supporting one end of the frame, supporting wheels mounted upon the axle, springs journaled substantially midway of their length on each axle and upon each side of the frame, pivoted rocker arms for operatively connecting the adjacent ends of the springs, means connecting the outer ends of the springs with the frame, and a torque arm connecting the axles together at a point substantially midway of the length of said axles, the relative positions of said combination being such that the distance between the axles times the distance vertically of the axles from the point of connection of the springs with the frame is substantially equal to twice the horizontal distance of the point of connection of the fixed ends of the spring with the frame to the axle times the height of the axles from the roadway.

2,065,925
METHOD OF COATING AND ORNAMENTING PAPER AND THE LIKE

Alan M. Overton, Wyoming, and Harry C. Fisher, Cincinnati, Ohio, assignors to The Richardson Company, Lockland, Ohio, a corporation of Ohio

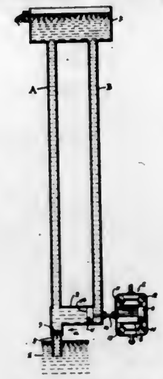
No Drawing. Application March 9, 1932, Serial No. 597,868
3 Claims. (Cl. 91—70)

1. A process of treating paper which comprises forming an emulsion of a gummy material and water, containing flocculated and deflocculated particles, heating said emulsion, and applying it to the surface of paper in a thin film.

2,065,926
METHOD AND APPARATUS FOR PUMPING FLUIDS

George K. Parker, Escalon, Calif.

Application October 22, 1934, Serial No. 749,404
Renewed May 9, 1936
17 Claims. (Cl. 103—75)

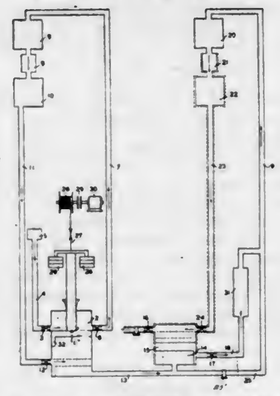


1. A method of pumping fluids which consists in maintaining a constrained body of fluid, imparting a gradual accelerating movement to said body of fluid in one direction which reaches a maximum at the end of the movement and utilizing the resultant energy of inertial movement of said body of fluid to induce an additional volume of fluid into the said body of fluid.

2,065,927
IMPREGNATION OF ELECTRIC CABLES

Thomas Robertson Scott and John Krauss Webb, Aldwych, London, England, assignors to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware

Application July 19, 1932, Serial No. 623,310
In Great Britain October 12, 1931
14 Claims. (Cl. 173—264)



3. Apparatus for feeding degasified oil into a cable comprising in combination a pump, an oil source, a degasifier, connecting means for a cable to be impregnated, and means for causing said pump to discharge degasified oil from the degasifier into the cable connecting means and to discharge oil from said source into said degasifier for degasification.

2,065,928
PRODUCTION OF FINELY DIVIDED VAT COLORS

William R. Waldron, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application April 14, 1934, Serial No. 720,570
3 Claims. (Cl. 260—31)

1. A process for producing an anthraquinone dyestuff in finely divided crystalline form, which comprises treating said dyestuff with a sufficient quantity of concentrated sulfuric acid to completely dissolve the same, and then pouring the mass into a volume of water sufficient to reduce the concentration of the acid to between 5 and 30% by weight, the water being maintained during this procedure at a temperature between 80 and 115° C.

2,065,929
PRIMING COMPOSITION

Alfred Weale, Heswall, England, assignor, by mesne assignments, to Remington Arms Company, Inc., Bridgeport, Conn., a corporation of Delaware

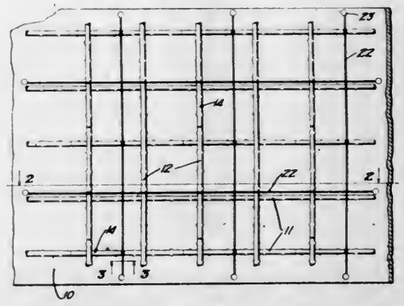
No Drawing. Application September 9, 1931, Serial No. 561,994. In Great Britain September 19, 1930
4 Claims. (Cl. 102—18)

1. An improved percussion cap comprising a loading of an improved priming composition containing 15% to 20% of lead azide and 0.5% to 5% of guanylnitrosaminoguanyltetrazene, said loading comprising two contiguous loads, one of which comprises the lead azide and the guanylnitrosaminoguanyltetrazene and the other contiguous load comprising calcium silicide and barium nitrate.

2,065,930
MEANS FOR FORMING WALLS

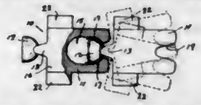
Gustave Edward Westberg, Los Angeles, Calif.

Application September 30, 1935, Serial No. 42,874
6 Claims. (Cl. 72—16)



1. Means for gauging the thickness of a wall to be made by the accumulation of cementitious material against a backing and around reinforcing elements, said means comprising brackets secured to said reinforcing elements, the outer ends of said brackets terminating in a plane parallel to that of the reinforcing elements and spaced therefrom, guide wires rigidly secured at their opposite ends and stretched across said brackets to be held thereby in spaced relation to the reinforcing elements whereby when the cementitious material has accumulated on the backing to a plane coincident with the guide wires the desired wall thickness will be made.

2,065,931
CHAIN
E. Roy Alling, Kenmore, N. Y.
Application August 24, 1934, Serial No. 741,288
13 Claims. (Cl. 198—189)



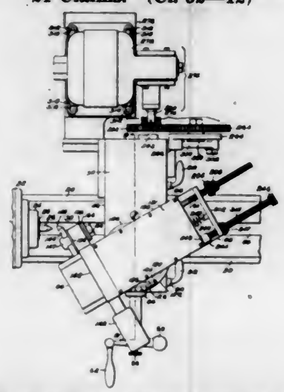
1. A chain comprising a plurality of links, each link having a solid body part, a substantially semi-spherical ball member at one end of said body part, a neck connecting said ball member with said body part, said body part being formed with a spherically-shaped recess in the end opposite the ball member for the reception of the ball member of an adjacent link, said recess being terminated in overhanging lips, and a sprocket engaging lug carried by the body and arranged one at each side thereof, the length of the neck and overhanging lips being so portioned that the body parts of adjacent links will contact before the ball member of one link can become disengaged from the recess of the adjacent link under normal working conditions.

2,065,932
SAFETY JOINT
Millard Sumter Black, Los Angeles, Calif., assignor, by direct and mesne assignments, of one-third to Lawrence F. Baash, Los Angeles, Calif., and one-third to Erwin Burns, Los Angeles, Calif., and one-third to Harry P. Wickersham, Huntington Park, Calif.
Application November 22, 1932, Serial No. 643,848
Renewed June 1, 1936
14 Claims. (Cl. 255—28)



1. A safety joint for connecting two members of a well string including two tubular sections, one to be connected to one member, the other to the other member, clutch parts on the sections for limiting relative rotation between the sections, a third section having a releasable threaded connection with one of the said sections and having a longitudinally shiftable connection with the other section, and a spring under compression between the said other section and the third section to resist longitudinal movement between said other section and the third section in one direction and compressible by the application of a tensile strain to the string at the surface of the ground to permit disconnection of the clutch parts upon relative turning between the said two sections.

2,065,933
UNIVERSAL AUTOMATIC SLIDE REST
Frederick C. Blanchard, Brookline, Mass., assignor to Rivett Lathe and Grinder, Inc., Brighton, Boston, Mass., a corporation of Massachusetts
Application December 20, 1935, Serial No. 55,452
24 Claims. (Cl. 82—12)



1. In a lathe, the combination of a bed, a tool holder, a top slide which carries said tool holder, a swivel on which said top slide is horizontally slidable, a bottom slide on which said swivel is mounted for adjustment about a vertical axis, a base on which said bottom slide is horizontally slidable transversely of said bed, power-driven means for advancing said top slide to move the tool along the work, means for causing disconnection of said top slide from said power-driven means and for moving said tool holder transversely of the axis of the work to carry the tool out of engagement with the work, and means for causing retraction of said top slide in a direction opposite to the direction of advance by said power-driven means.

2,065,934
ELECTRICAL CONDENSER
Arnold Deutschmann, Boston, Mass.
Application February 20, 1933, Serial No. 657,654
3 Claims. (Cl. 18—55)



3. A method of molding condensers employing a rubber mold and a composite external frame which consists in placing an impregnated but uncovered condenser in said rubber mold, pouring a high-temperature melting compound into said mold and allowing it to flow around the said condenser and on top thereof, allowing the compound to cool in the mold whereby rapid radiation is prevented and removing the condenser after the compound has substantially solidified, first removing the composite external frame.

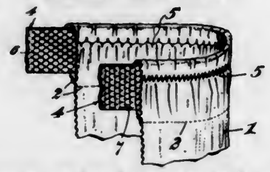
2,065,935
OPHTHALMIC MOUNTING
Louis Grossman, New York, N. Y., assignor to Optical Products Corporation, a corporation of New York
Application August 27, 1935, Serial No. 38,057
13 Claims. (Cl. 88—43)

2. An ophthalmic mounting front, comprising a pair of lens rim parts, a metal plate in each rim part each presenting a front surface, the said surfaces of said plates being in a generally common plane, a bridge having a body portion with downwardly-extending arm parts having their rear surfaces located substantially in



said common plane, and means for detachably mounting one arm on each rim along the said plate surface thereof, including a groove in one part and a rib on the other part to slide into said groove.

2,065,936
BAND FOR WEARING APPAREL
Harry Hardie, Baltimore, Md., assignor to The Faultless Manufacturing Company, Baltimore, Md., a corporation of Maryland
Application September 6, 1934, Serial No. 742,886
3 Claims. (Cl. 2—240)



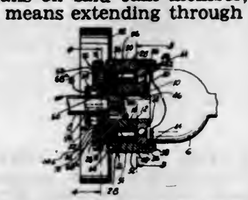
1. A supporting band for garments comprising a sheath of stretchable textile material, a substantially solid strip of elastic rubber within said sheath, stitching passing through said strip and said sheath and fastening said sheath and said strip together to permit said sheath to stretch when said strip is stretched, the solidity of said strip being interrupted only by the minute openings through which said stitching passes, and rib formations within the sheath and extending at least partially longitudinally relative to said strip, said rib formations being pressed by said strip against the inner layer of the sheath so that the rib formations are effective through the inner layer of the sheath to provide additional anchorage when the sheath is stretched to constrict the same on the wearer.

2,065,937
RUBBER COMPOUND AND METHOD OF MAKING THE SAME
Glen S. Hiers, Cynwyd, Pa., assignor to Collins & Aikman Corporation, Philadelphia, Pa., a corporation of Delaware
No Drawing. Application April 20, 1933, Serial No. 667,043
4 Claims. (Cl. 18—50)

1. A liquid and uncreamed composition of matter comprising an aqueous acid free sol containing a gum and having an abnormal viscosity and a subnormal concentration of solidifiable rubber colloids as compared with normal natural latex, said gum being a product of the plant group ceritonia siliqua and conaphallus konjah and being uniformly and permanently dispersed among the rubber colloids.

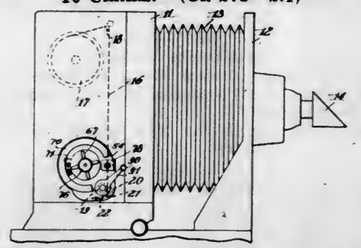
2,065,938
MULTIPLE-ACTING OVERRUNNING CLUTCH
Arnold H. Jessen, Los Angeles, Calif.
Application April 27, 1931, Serial No. 533,082
8 Claims. (Cl. 192—44)

4. In an apparatus of the class described, a driving member, a driven member, a cam member associated with said driven member and secured to said drive member, said cam member having an extension provided with groove and plural socket means, a cage associated with said cam member and having an extension provided with a groove means complementary to said groove means on said cam member, spring opposed ball means extending through said groove



means and adapted to engage successively said socket means, cam devices associated with said cage, and means for moving said spring opposed ball means in said grooves whereby said cam devices may be made to engage and disengage with said cam member, said ball and socket means being adapted to lock said cage after said cam devices have been moved.

2,065,939
FEEDING AND MEASURING APPARATUS
Paul Landrock, Rochester, N. Y., assignor to Photostat Corporation, Providence, R. I., a corporation of Rhode Island
Application January 6, 1936, Serial No. 57,804
10 Claims. (Cl. 271—2.4)



1. Feeding and measuring apparatus comprising a rotatable feeding shaft, a manually operable crank, disengageable means operatively connecting said crank to said shaft to drive said shaft when said crank is turned in one direction, a movable metering member, means for driving said member concomitantly with the driving of said shaft and through accurately corresponding extents of movement, adjustable stop means for limiting the extent of movement of said metering member and thereby limiting the extent of rotation of said feeding shaft, means for holding said stop means in any one of an infinite number of positions, means for preventing rotation of said crank in a reverse direction, and means for moving said metering member in a reverse direction when said crank connecting means is disengaged after said metering member has been driven by said crank.

2,065,940
KEY HOLDER
George W. Lane, Providence, R. I.
Application July 31, 1935, Serial No. 33,975
1 Claim. (Cl. 150—40)

A key case comprising a cover formed of flexible material folded to provide overlying portions, and a post member extending between and through said portions with integral heads at its ends on the outer surface of said portions, slits in the portions of said cover through which one of said heads is projectable, said post being

grooved beneath the projectable head, and the other of said heads being larger and of sufficient size to prevent passage through said slits, said post being of a sufficient length to position the



projectable head beyond the outer surface of the flexible material whereby said flexible material is disposed in said groove and in a plane at an angle to the post just prior to removal of the flexible material over the head of the post.

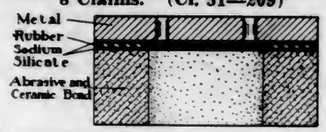
2,065,941

MOUNTED GRINDING WHEEL

Merton B. Lane, Holden, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts

Application March 21, 1936, Serial No. 70,074

8 Claims. (Cl. 51—209)



1. A grinding wheel comprising an abrasive body cemented rigidly to a backing plate by an intermediate cementitious medium including a layer of vulcanized soft resilient rubber and a layer of sodium silicate between the rubber layer and one of the outer bodies.

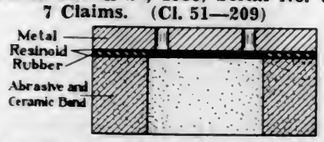
2,065,942

GRINDING WHEEL

Merton B. Lane, Holden, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts

Application March 21, 1936, Serial No. 70,075

7 Claims. (Cl. 51—209)



1. A grinding wheel comprising an abrasive body cemented rigidly to a backing plate by an intermediate cemetitious medium including a layer of vulcanized soft resilient rubber and a layer of converted resinoid between the rubber layer and one of the outer bodies.

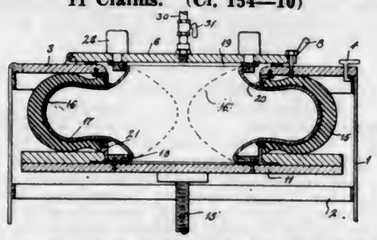
2,065,943

TIRE EXPANDER

William G. Lerch, Akron, and Murden T. Bryant, Findlay, Ohio, assignors to Master Tire and Rubber Corporation, Akron, Ohio, a corporation of Delaware

Application February 1, 1934, Serial No. 709,315

11 Claims. (Cl. 154—10)



10. In a tire expander having mutually approachable upper and lower elements, a collapsible flexible apron attachable in air-tight engagement between said elements, and irregularities on the outer surface of said apron.

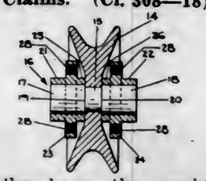
2,065,944

TROLLEY HARP

Nils D. Levin, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio

Application February 25, 1932, Serial No. 595,125

7 Claims. (Cl. 308—18)



1. In a trolley harp, the combination with spaced supports, each having a semi-circular socket, of a trolley wheel, stud shafts extending from opposite sides of said trolley wheel, journal bearings adapted to be slid axially onto said stud shafts against opposite sides of said trolley wheel, annular collars on said journal bearings intermediate the ends thereof in position to engage and fit the inner faces of said supports when said journal bearings at their inner ends abut against opposite sides of said trolley wheel while the outer end portions of said journal bearings fit in said semi-circular sockets and means for securing said journal bearings to said spaced supports.

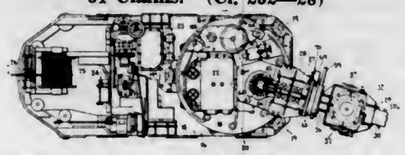
2,065,945

MINING MACHINE

Nils D. Levin, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio

Application January 29, 1934, Serial No. 708,814

31 Claims. (Cl. 262—28)



11. In a mining machine, the combination with a body, of a kerf-cutting mechanism pivotally mounted thereon for pivotal movement about a substantially horizontal axis, power-operated mechanism for rotating said kerf-cutting mechanism on said axis, means adapted to stop rotation of said kerf-cutting mechanism at a predetermined position, and motor operated mechanism for operating said kerf-cutting mechanism to effect a cutting operation.

2,065,946

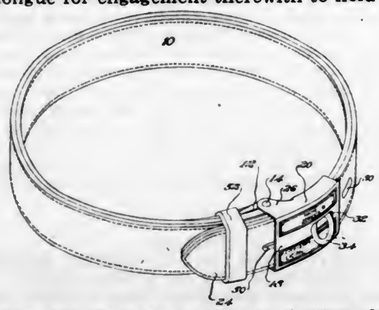
BUCKLE

Lewis H. Mader, Worcester, Mass., assignor to Graton & Knight Company, Worcester, Mass., a corporation of Massachusetts

Application March 20, 1934, Serial No. 716,457

3 Claims. (Cl. 24—178)

1. A buckle comprising a body portion having a front plate provided with a tongue opening, a tongue pivoted behind the front plate and provided with a free end forming a closed loop designed to enter the tongue opening from the rear and project therebeyond at the front of the plate when the tongue is closed, and spring detent means cooperating with the free end of the tongue for engagement therewith to hold the



latter within the opening, the projecting closed loop of the tongue being designed for the reception of a leash or padlock bail to prevent withdrawal of the tongue.

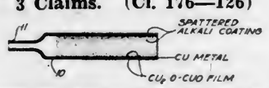
2,065,947

ELECTRODE FOR LUMINOUS TUBE AND METHOD OF MAKING THE SAME

Raymond Nauth, Buffalo, N. Y., assignor, by mesne assignments, to Flexlume Corporation, a corporation of New York

Application January 8, 1935, Serial No. 861

3 Claims. (Cl. 176—126)



1. A luminous tube comprising a length of tubing containing an inert gas, electrode portions secured to the ends of said tubing, and electrodes in said electrode portions, said electrodes consisting of copper having an inner surface layer of cuprous oxide and an outer surface layer of cupric oxide thereon.

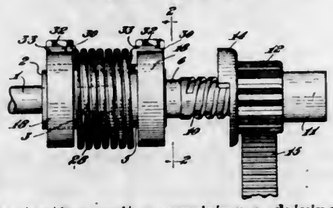
2,065,948

STARTING MECHANISM

Leonardo Martino, Providence, R. I.

Application August 10, 1936, Serial No. 95,081

5 Claims. (Cl. 74—7)



1. A starting unit comprising a driving shaft, a collar fast to said shaft, said collar having a peripheral recess with substantially radially extending walls and an opening in the bottom wall of said recess, a driven shaft having a collar and a screw-threaded element with a pinion gear mounted thereon, a coiled spring coaxial with the shafts and interposed between the collars carried thereby, one end of said spring being secured to the collar carried by said driven shaft, and the other end of said spring being shaped to provide an eyelet tightly fitting within said recess, and removable fastening means anchored in said opening for holding said eyelet within said recess.

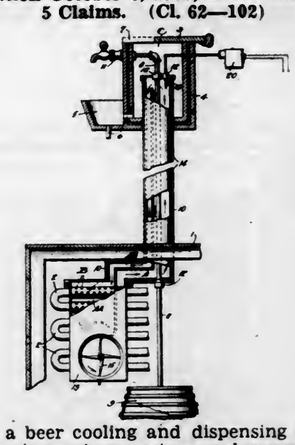
2,065,949

BEER COOLING AND DISPENSING SYSTEM

Harry J. Sandell, Ashby, Minn.

Application October 6, 1933, Serial No. 692,360

5 Claims. (Cl. 62—102)



1. In a beer cooling and dispensing system, a closed casing or temperature exchanger comprising a cooling chamber, an outlet chamber, and a passage connecting said chambers, a double passage stack connected to said chambers and extending from a source of beer supply to a dispensing outlet, said stack having an interconnecting passage near the dispensing outlet, a dispensing pipe extending through said stack, a refrigerant coil adjacent said temperature exchanger, said temperature exchanger having fins thereon contained within said cooling chamber, and a fan or blower enclosed within said temperature exchanger.

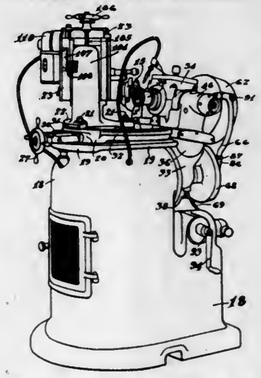
2,065,950

METHOD OF AND APPARATUS FOR GENERATING CURVED SURFACES ON GEAR SHAPED CUTTERS AND THE LIKE

Oliver G. Simmons, Lakewood, Ohio, assignor, by mesne assignments, to Dual L. Simmons

Application October 22, 1932, Serial No. 639,028

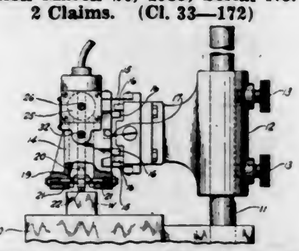
11 Claims. (Cl. 51—225)



1. The herein described method of generating radial helicoid end faces on teeth of gear shaped cutters, which comprises positioning a line generatrix cutting element in spaced relation and disposed at an angle to the axis of the work with its line generatrix edge portion in engagement with an end face of a tooth of the work, impart-

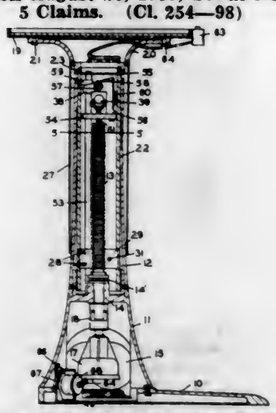
ing a rapid movement to the line generatrix cutting element and a slow turning movement to the work, to cause the line generatrix of engagement, between the cutting element and tooth of the work, to pass across and generate a radial helicoid on the face of the tooth.

2,065,951
COMPARATOR
Spencer B. Terry, West Hartford, Conn., assignor, by mesne assignments, to Niles-Bement-Pond Company, New York, N. Y., a corporation of New Jersey
Application March 26, 1935, Serial No. 13,113
2 Claims. (Cl. 33—172)



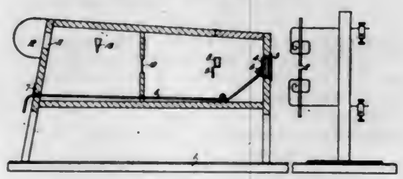
1. A linear gage comprising in combination, a base having a plane specimen supporting surface thereon, a gaging head adjustable toward and from said plane surface, a contacting member pivotally mounted within said head, said contacting member having laterally spaced contacts on opposite sides of its pivotal mounting whereby articles to be gaged having opposite plane and parallel surfaces may individually contact therewith when mounted in position on said plane surface on said base, an arm on said contacting member disposed symmetrically relative to said contacts, electro-magnetic coils on opposite sides of said arm, and an electric instrument connected to said coils to determine the position of said contacting member and the contacts thereon when in gaging position.

2,065,952
ADJUSTABLE SUPPORT
Otto E. Trautmann, Irondequoit, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application August 20, 1935, Serial No. 37,038
5 Claims. (Cl. 254—98)



1. A device of the character described comprising a base having a vertical tubular guide, a screw rotatably journalled in said base and extending upward within said guide, a support having a downwardly extending tubular portion in slidable telescoping engagement with said guide, a nut secured to said tubular portion and threaded on said screw, a motor for rotating said screw in either direction, means for energizing said motor, a rod fixed to said base and extending upward through said nut, a bracket carried by said rod above said screw, control means mounted on said bracket for stopping the motor at predetermined limits of travel of said support, and means on said support for actuating said control means.

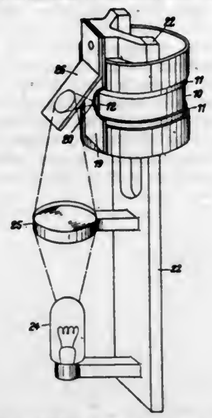
2,065,953
APPARATUS FOR INVESTIGATING ABSORPTION SPECTRA OF SUBSTANCES
Frank Twyman and David Henry Follett, London, England, assignors to Adam Hilger Limited, London, England
Application March 10, 1934, Serial No. 715,035
In Great Britain March 10, 1933
17 Claims. (Cl. 88—14)



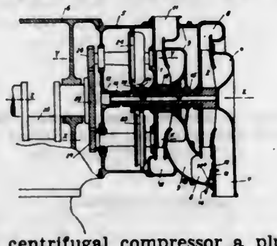
1. Photometric apparatus for estimating substances which have a characteristic selective radiation absorption comprising in combination with a source of radiation, means for separating radiation of a wave length selected according to the nature of an absorption substance to be investigated, an observation screen, means disposed in the path of a beam of the radiation for focussing two parts of said beam to travel alongside each other throughout their lengths and to form directly on the observation screen a pair of closely adjacent images of the source of radiation, means for interposing a specimen to be investigated in the part of the beam corresponding to one image of the pair, and means for equalizing the two images by relative adjustment of the radiation intensities of the parts of the beam corresponding respectively to the said images.

2,065,954
APPARATUS FOR REPRODUCING SOUND FROM AN ENDLESS BAND OF PHOTOGRAPHIC FILM
Dénes von Mihaly, Berlin-Wilmersdorf, Germany
Application March 21, 1935, Serial No. 12,324
In Germany March 21, 1934
5 Claims. (Cl. 179—100.3)

1. In apparatus for reproducing sound from an endless band of photographic film having a plurality of parallel sound tracks, a photoelectric cell, and means for directing a narrow light beam through the film onto the photoelectric cell, said means including a narrow sound selecting slit arranged between the film and the photoelectric cell, said slit limiting the light beam in the longitudinal direction of the film to a dimension sufficiently small for reproducing sound, and extending across the full width of the film, and an opaque mask shiftable transversely of the film in a plane parallel to the plane of the film and having an opening for limiting the light beam to one of the sound tracks, said mask being arranged between the film and the light source, said slit and said mask being in close proximity to the film.

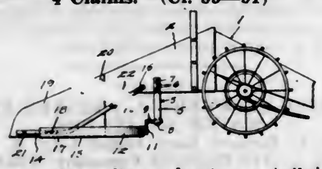


2,065,955
CENTRIFUGAL COMPRESSOR
Charles Raymond Waseige, Rueil-Malmaison, France, assignor to Eclipse Aviation Corporation, East Orange, N. J., a corporation of New Jersey
Application January 23, 1934, Serial No. 707,952
In France January 26, 1933
2 Claims. (Cl. 230—130)



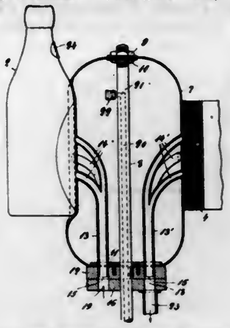
1. In a centrifugal compressor a plurality of interconnectable impeller chambers having impellers therein, a valve for connecting said chambers, separate means for rotating each impeller and manually operable means simultaneously controlling the impeller rotating means and the chamber connecting valve.

2,065,956
RIDGE BREAKER
Marion B. Woods, Weiser, Idaho
Application July 11, 1936, Serial No. 90,200
4 Claims. (Cl. 55—51)



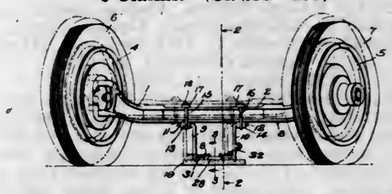
1. In a potato digger having a tailpiece, an earth scraping attachment comprising an open framelike body disposed beneath the tailpiece and in contact with the earth, a supporting frame coupling the forward end of said body with the tailpiece, and connecting braces between the sides of the body and the tailpiece, said body being open at its rear.

2,065,957
DEVICE FOR ATTACHING LABELS ON BOTTLES, CANS AND THE LIKE
Georg Viktor Wrange, Alsten, Sweden
Application December 24, 1935, Serial No. 56,101
In Sweden August 17, 1934
8 Claims. (Cl. 216—54)



1. Device for labelling bottles, cans and the like, comprising a conveyor for the bottles, a number of elastic labelling members, means for rotating said labelling members about an axis, mounting means for said labelling members so adapted in relation to said conveyor that the rotating labelling members are pressed against passing bottles on the conveyor being resiliently deformed thereby, a number of air conduits arranged inside of said labelling members and opening on a part of the outer surface of the labelling members adapted to be pressed against the bottles, means for holding a pile of labels close to the path of the outer surface of the rotating labelling members, means for connecting a source of vacuum to said air conduits when openings of the latter arrive in front of the pile of labels so that a label will be seized and carried along by the rotating labelling member while a vacuum is maintained in said air conduits, and means for interrupting said connection to the source of vacuum and for connecting said air conduits to the outer air when the labelling member is resiliently pressed against the bottle thus releasing the label from the labelling member.

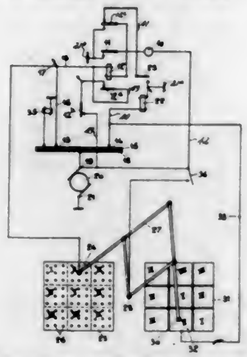
2,065,958
PARKING DEVICE
John L. Barr, Chevy Chase, Md.
Original application September 8, 1930, Serial No. 480,511. Divided and this application June 9, 1934, Serial No. 729,867
6 Claims. (Cl. 280—150)



1. In a device of the character described for a vehicle a support pivoted to the vehicle, a base for the support adapted to contact the roadway, an aperture having sloping sides located in the base, a central groove in the bottom of

said aperture, a roller carried by the supports and adapted to lie in the groove at the bottom of the aperture in the base, and means to retain the roller in place within the groove.

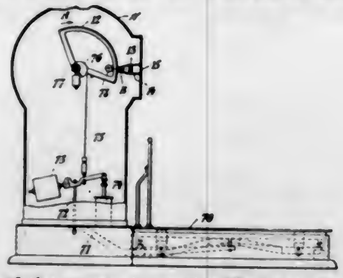
2,065,959
ADVERTISING APPARATUS
Jacques Marcel Bauml, Paris, France, assignor to Armand Zouckermann, Paris, France
Application February 23, 1934, Serial No. 712,645
In France February 28, 1933
2 Claims. (Cl. 177—350)



1. An advertising apparatus comprising a plurality of similar groups of juxtaposed elements capable of presenting distinct rest and working aspects, the elements of one and the same group being arranged one beside the other according to several lines in order that this group forms a square surface, an electromagnet for each element, means controlled by said electromagnet, for effecting the change of aspect, a source of electric energy, circuits fed by the said source of electric energy provided in a number equal to the number of elements of a group, each of these circuits comprising in shunt the elemtromagnets of the homologue elements of the various groups, means for selectively controlling said circuits in any sequence, a contact in each branch line arranged to be normally open, an electromagnet in each group for simultaneously closing and opening all the contacts of this group, means for selectively controlling the said electromagnets in any sequence, means for holding in their working position the elements moved to this position by energization of their electromagnets and means for subsequently restoring said elements to their position of rest.

2,065,960
MEASURING APPLIANCE
Maximilian Bäuml, Vienna, Austria, assignor of one-half to Johannes Bäuml, Vienna, Austria
Application September 17, 1934, Serial No. 744,454
In Austria October 3, 1933
37 Claims. (Cl. 265—5)

1. In a measuring appliance having a movable member, a movable screen actuated by said member and having a plurality of series of transparent areas, said areas being separated from the remainder of the screen by stepped lines of demarcation, each series of areas being coordinated to one of the digit denominations in the range of measurement of the measuring appliance, the longitudinal extension of each step of the said lines of demarcation corresponding to the value of the unit of measurement of the coordinated digit denomination, each step being coordinated to one digit, in the series coordinated to the lowest digit denomination the steps being divided up into rows, each row corresponding in longitudinal extension to a step of the next higher digit denomination, the highest digit and the lowest digit in each row being represented by two consecutively succeeding steps, and the transition between these two steps being opposite to the transition between two steps of the next higher digit denomination, a ray source behind the screen, a casing, ray responsive means in



front of the screen to receive the rays controlled by said areas, further means arranged between the ray responsive means and said ray source, load varying means adapted on the influencing of the ray responsive means in the range of the said highest digit to effect a slight relieving of the appliance and on the influencing of the ray responsive means in the range of the lowest digit a slight additional loading of the appliance for the purpose of ensuring that in the range of the higher digit denomination only the ray effect of one area but not of the transition between two adjacent areas can become operative.

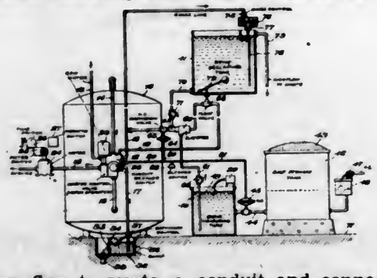
2,065,961
MATCH BOX
Paul S. Bixler, Westminster, Md.
Application February 10, 1936, Serial No. 63,251
3 Claims. (Cl. 206—34)



1. A match box including a housing open at both ends, an igniting material in the top portion of the housing at each end, a match container insertable into either end of the housing, and a shield carried by the container for covering the head ends of matches therein to protect the heads from contact with the igniting means during the relative movement of the container and housing, said shield being mounted to move within the container and having an end positioned for bearing upon the matches, and said housing being reversible relative to the container to bring either ignition means into position for contact with the head of a match being withdrawn.

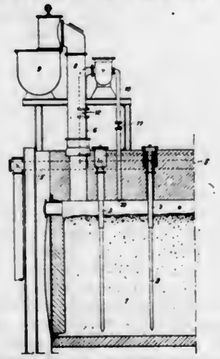
2,065,962
BRINE RECOVERY APPARATUS FOR WATER SOFTENERS
Herbert L. Bowers, Long Island City, N. Y., assignor to The Permutit Company (1934), Wilmington, Del., a corporation of Delaware
Application October 17, 1934, Serial No. 748,709
11 Claims. (Cl. 210—24)

1. In a regenerative water softener apparatus operated by valve means for the several regenerating steps including regenerating proper and rinsing, improved apparatus for recovering and reusing regenerating solutions comprising a reclaiming and measuring container adapted to receive a predetermined quantity of fluid a conduit leading from the softener through the valve means to said reclaiming container, electrically actuated means provided in the valve means for directing the rinsing flow from the softener through said conduit to the reclaiming container, said means being made operative upon shift of the valve means for the rinsing step, overflow means in the reclaiming container directing unreclaimed portions of the



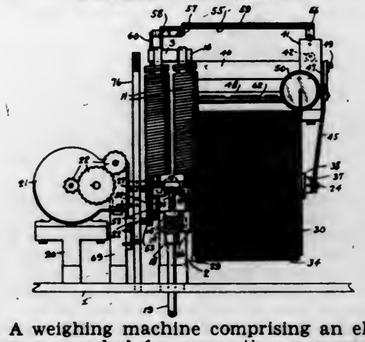
rinsing flow to waste, a conduit and connected means provided in the valve means directing flow of spent regenerating solution from the softener to waste, a conduit and electrically actuated means provided in the valve means directing flow of reclaimed solution from the container to the softener, said means being made operative upon shift of the valve means for the regenerating step, means adapted upon actuation thereof to direct the flow of fresh regenerating solution into the softener, means for actuating said last named means controlled by the fluid level in the reclaiming tank and switch means for energizing said electrically actuated means.

2,065,963
PROCESS FOR THE OPERATION OF RETORTS AND CHAMBER OVENS
Fritz Breitbach, Recklinghausen, Germany, assignor to Carl Still Gesellschaft mit beschränkter Haftung, Recklinghausen, Germany
Application January 3, 1934, Serial No. 705,161
In Germany January 12, 1933
2 Claims. (Cl. 202—36)



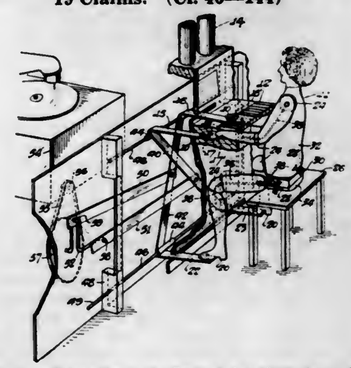
1. In the destructive distillation of a body of coal over a period of hours in a retort, the process comprising separately withdrawing to a common gas collecting main the gases of destructive distillation evolved from the interior of a body of coal and from the exterior thereof during the first hours of distillation, and thereafter independently withdrawing the interior and exterior gases evolved from said body of coal at a later stage to separate gas collecting mains.

2,065,964
WEIGHING MACHINE
Frederick Brown, Louisville, Ky., assignor to The Talking Weighing Machine Company, Incorporated, Louisville, Ky., a corporation
Application October 18, 1935, Serial No. 45,650
2 Claims. (Cl. 265—27)



1. A weighing machine comprising an electric motor, a mandrel for supporting a record, operatively connected to said motor for actuation thereby, a supporting structure, a carriage slidably mounted on said supporting structure, a reproducer pivotally mounted on said carriage and operatively engageable with the record, manually operable spring controlled means for shifting the carriage and the reproducer relative to the record, means operable by the motor for engaging the reproducer with and for disengaging said reproducer from the record, a scale mounted on the supporting structure, a pointer mounted on the carriage and cooperable with said scale, a shutter for concealing the scale, and means operatively connecting said shutter to the electric motor for actuation to operative position thereby.

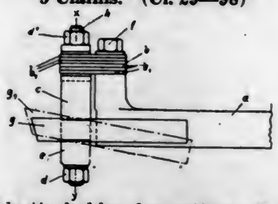
2,065,965
DISPLAY DEVICE
Herbert O. Brown, Fairfield, Maine
Application March 6, 1935, Serial No. 9,679
19 Claims. (Cl. 46—144)



1. In combination, a figure having two independently movable arms, means for moving one of said arms in a chosen path at varying speeds,

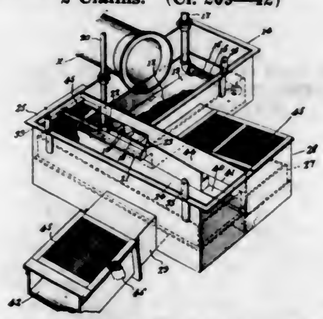
and means for moving the other of said arms in a second chosen path, the movement of the second arm being sometimes in the direction of the movement of the first arm and sometimes moving in opposite direction to the first arm.

2,065,966
ELASTIC HOLDER FOR CUTTING-OFF TOOLS AND THE LIKE
Paul Brüning, Berlin, Germany
Application February 28, 1935, Serial No. 8,622
In Germany March 2, 1934
5 Claims. (Cl. 29—98)



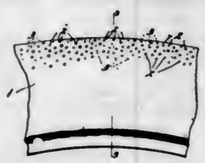
1. An elastic holder for cutting-off tools and the like, comprising, in combination, an upwardly directed member adapted to be attached to the tool holder of a lathe or the like, a downwardly directed member located adjacent to said first-mentioned member and being at its lower end adapted to receive the tool proper, and a plate spring extending horizontally from the upwardly extending member to the downwardly extending one and being connected therewith, said downwardly directed member comprising a body portion so designed at its top face as to be adapted to receive there an inverted calotte, an upright calotte arranged above said first calotte, the adjacent end of the spring being perforated and located between said calottes, and means for holding all these members together.

2,065,967
AMALGAMATOR FOR THE RECOVERY OF GOLD
Allan J. Clark and Warren H. Todd, Lead, S. Dak.
Application March 28, 1935, Serial No. 13,523
2 Claims. (Cl. 209—42)



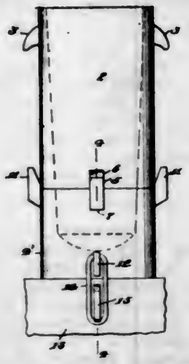
2. In an apparatus for the recovery of gold, a plurality of launders arranged angularly in sequence to receive the pulp, means for introducing the pulp to the launder first in series, means for supplying dilution water to the first launder in the direction of flow of pulp to the second launder, and means opposed to said water supplying means for introducing water under pressure to said first launder in a direction opposed to the flow of said pulp and dilution water to check the rate of flow of pulp to the second launder.

2,065,968
RUBBER TIRE FOR SELF-PROPELLED ROAD VEHICLES
Ewald Goltstein, The Hague, Netherlands
Application July 6, 1934, Serial No. 734,029
In Germany July 20, 1933
4 Claims. (Cl. 152—14)



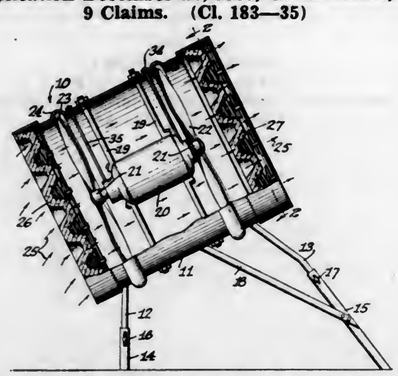
1. A rubber tire of the type incorporating in the tread grains of vacating material adapted in the use of the tire to fall out at the tread surface and to leave the latter in a pitted condition as herein described, wherein the vacating material consists of approximately round grains of sago.

2,065,969
COMBINED METAL MOLD FOR CASTING AND STRIPPING INGOTS
Septimus H. Griffiths, Canton, Ohio
Application July 18, 1936, Serial No. 91,421
5 Claims. (Cl. 22—139)



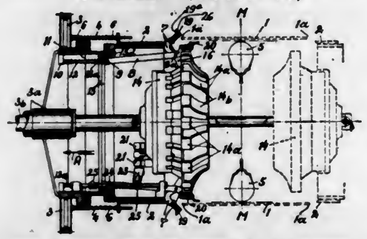
5. A metal mold for casting self-stripping ingots comprising two sections horizontally separated, a major upper section and a minor lower section, said minor section being formed with a concaved solid bottom to form a convexed lowermost end to the ingot, a support for the mold disposed below both sections, means secured to the lower section and to said support for fixedly securing said lower section to the support, outwardly extended lugs formed at the top portion of the major section for lifting it away from the lower section, said major section being formed so as to carry the entire ingot away from the lower section with its lower end portion projecting below the bottom of the major section, and seating the lowermost concaved end portion of the ingot on the support, which owing to the structural formation of the inner wall of the major section with relation to the outer wall of the ingot will cause the major section only to gravitate until seated upon the support and simultaneously strip and force the ingot away from said inner wall of the said section and project the upper end of the ingot above the top of the major section.

2,065,970
AIR PURIFIER
William C. Hartzell, Union Beach, N. J.
Application December 28, 1935, Serial No. 56,559
9 Claims. (Cl. 183—35)



1. An air purifier comprising an open-ended housing, an air purifier element mounted at one end of the housing, an air purifier element mounted at the other end of the housing, and means in said housing for sucking air through one of said air purifier elements and for forcing the air through the other of said purifying elements, said means comprising a motor, a motor shaft extending therethrough longitudinally of the housing and a propeller mounted at each end of said motor shaft.

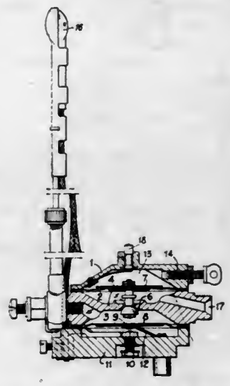
2,065,971
MANUFACTURE OF PNEUMATIC TIRES
Leonhard Herbert, Frankfort-on-the-Main, and Adolf Fröhlich, Hannover, Germany
Application February 12, 1935, Serial No. 6,250
6 Claims. (Cl. 154—10)



1. In a device for the purpose set forth, a core, a pair of drums movable into and out of juxtaposition to the sides of said core and adapted to have a cord fabric disposed thereon, pairs of gripping jaws disposed in spaced relation about each drum, and means to actuate said jaws to grip on the edges of the cord fabric and draw the fabric into close relation to the core.

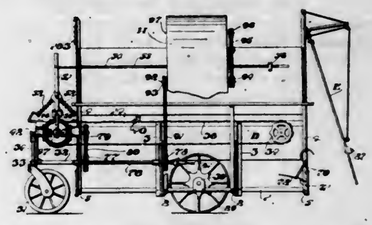
2,065,972
GAS VALVE
John Hermann Gustav Horstmann, Kenneth John Horstmann, and Bevan Graham Horstmann, Bath, England
Application November 7, 1935, Serial No. 48,756
In Great Britain October 30, 1934
7 Claims. (Cl. 200—83)

1. A gas supply and ignition circuit controlling valve comprising a casing, a wall dividing said casing into primary and secondary gas chambers, means for the supply of gas to said primary chamber and for the outlet of gas from said secondary chamber, the wall separating said chambers having a port for flow of gas from the primary to the secondary chamber, a normally open valve controlling said port, means whereby gas admitted to said primary chamber causes said valve to close after the elapse of a predetermined



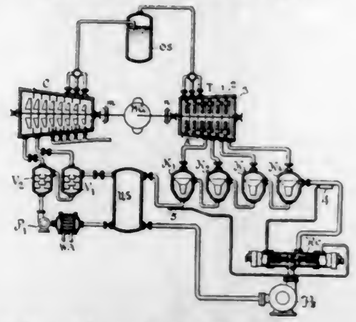
period of time, thereby to cut off the supply of gas to said secondary chamber, an ignition circuit controlling switch, and means whereby said switch is closed by the pressure of gas admitted to said secondary chamber and is opened when said valve is closed and the gas pressure in said secondary chamber falls below a predetermined amount.

2,065,973
GRAIN STACKING BARGE
William L. M. Jones, Winnipeg, Manitoba, Canada, assignor to Penn, Olson and Company, Winnipeg, Manitoba, Canada
Application April 8, 1935, Serial No. 15,327
11 Claims. (Cl. 214—82)



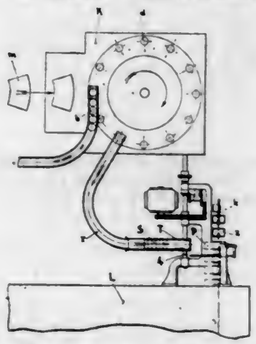
1. A grain stacking barge having bounding walls and a floor therewithin, means for positively discharging the contents of said barge in the form of a stack consisting of a ramming member normally forming one wall of said barge, and movable forwardly and rearwardly therewithin, means for actuating said ramming member consisting of sprocket and chain mechanism extending upon the side of said stacking barge, drive means for actuating said sprocket and chain, elevating mechanism for discharging grain into the interior of said barge, means for receiving grain from said elevating mechanism during the process of discharging the contents of said barge, and a gate extending between the bounding walls of said barge synchronized for movement with the movement of said ramming member.

2,065,974
THERMODYNAMIC ENERGY STORAGE
Fritz Marguerre, Mannheim, Germany
Application December 24, 1934, Serial No. 759,101
In Germany December 23, 1933
8 Claims. (Cl. 60—92)
(Granted under the provisions of sec. 14, act of March 2, 1927; 357 O. G. 5)



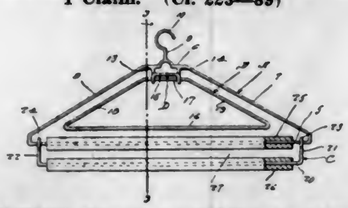
1. A thermodynamic storage system, comprising in combination, a high temperature accumulator; a low temperature accumulator; a multistage steam turbine arranged to be operated by flow of steam from the high to the low temperature accumulator; a plurality of contact condensers arranged for serial flow through them of cooling water circulated from and back to the low temperature accumulator, said condensers receiving steam in parallel from corresponding ones of a plurality of lower stages of said turbine and delivering said steam condensed in said cooling water to the low temperature accumulator; controllable means for circulating said cooling water; and means responsive to the temperature rise of cooling water in flowing through the series of condensers for controlling the rate of flow of such water.

2,065,975
PROCESS AND MEANS FOR MANUFACTURING PAPER CONTAINERS
Günther Meyer-Jagenberg, Dusseldorf, Germany
Application November 18, 1935, Serial No. 50,423
In Germany November 20, 1934
13 Claims. (Cl. 93—39.3)



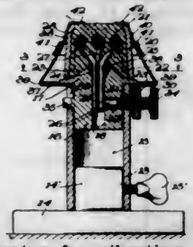
1. A process for manufacturing paper containers of the type including a glued length seam, consisting in forming the containers and transferring the formed containers from the forming machine for delivery to a subsequent treating machine, said containers during transfer being maintained in nested relation for a period of time sufficient to insure setting of the glued seam, the containers being delivered singly from their nested relation to the subsequent treating machine.

2,065,976
GARMENT SUPPORT
Leo Jakupcxyk, Simpson, Pa.
Application April 30, 1935, Serial No. 19,091
1 Claim. (Cl. 223—89)



A garment support comprising an open coat frame including top, bottom and side members, a hook carried by the top member, a roller rotatably mounted on an intermediate portion of the bottom member and leaving exposed ends thereon, a pendant trouser frame carrying a rotatable roller which frame is pivoted to said exposed ends so as to swing to folded position for shipping and carrying, and said roller on the trouser frame spaced from and coacting with the roller on the coat frame in the pendant relation to support trousers between the rollers.

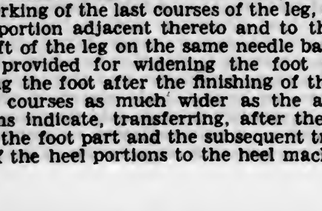
2,065,977
APPARATUS FOR VIBRATING INVESTING MATERIAL
Samuel L. Jefferies, Gaffney, S. C.
Application June 15, 1935, Serial No. 26,858
14 Claims. (Cl. 22—45)



4. In apparatus for vibrating or jarring investing material to produce a mould, a supporting element adapted to serve as a pedestal and to be stood on end and having its upper portion tubular, a cover having means to form a crucible recess in the mould and having an opening to receive a sprue, a coupling secured to the cover and adapted to be inserted in the upper tubular portion of the supporting element, a clamping screw carried by the coupling to engage the sprue, and a flask mounted upon the cover to surround the sprue.

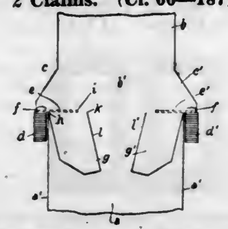
2,065,978
APPARATUS FOR LOADING CENTRIFUGAL EXTRACTORS
Hubert Krantz and Heinrich Buysch, Aachen, Germany, assignors to the firm of H. Krantz, Aachen, Germany
Application September 21, 1931, Serial No. 564,168
6 Claims. (Cl. 210—76)

3. A means for loading centrifugal extractors through the use of a bag designed to be placed into and removed from the extractor basket and adapted to receive the extractor charge while outside the extractor basket, comprising a holding frame of substantially the same size and contour as the extractor basket, a material-receiving bag removably placed in said frame and completely shaped and sized by the frame to conform more or less exactly to the shape and size of the interior of the extractor basket, the bag while exteriorly confined by the frame being in the exact size and shape assumed by the bag when in the extractor basket and being designed for loading with particular regard to quantity and load distribution, whereby the amount and distribution of the load in the bag while the bag



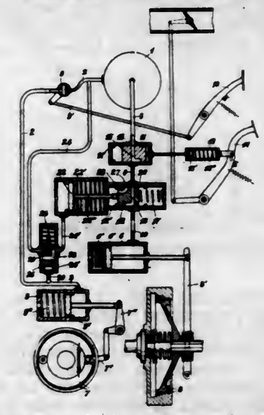
is held in the frame will determine the distribution of the load, when placed in the basket, and elevating means connected to the bag for removing the bag from the frame and transferring it to the basket, said elevating means being connected to the bag to maintain the frame-defining form of the bag and thereby the initial distribution of the load during transfer of the bag and its contents from the frame to the basket, whereby during operation of the extractor on one load a subsequent load may be prepared therefor in exact accordance with load distribution desired when the load is within the basket to thereby materially reduce periods of inactivity of the extractor.

2,065,979
MANUFACTURE OF HOSIERY
Paul Lieberknecht, Einsiedel, near Chemnitz, Germany
Application December 21, 1934, Serial No. 758,578
In Germany March 13, 1934
2 Claims. (Cl. 66—187)



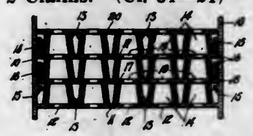
1. A method of producing a stocking on a flat full-fashioned hosiery machine while working the foot directly on to the leg without transferring, which comprises in producing, prior to the working of the separating courses when passing from the leg to the foot, whose width towards the inside is smaller than that of the heels, and during the working of the last courses of the leg, an auxiliary portion adjacent thereto and to the right and left of the leg on the same needle bar at the point provided for widening the foot portion, starting the foot after the finishing of the separating courses as much wider as the auxiliary portions indicate, transferring, after the finishing of the foot part and the subsequent transferring of the heel portions to the heel machine for attaching the heel portions, the entire structure of the side and middle portions of the foot located above the heel needles, together with the separating courses, over and beyond the needle points to the backs of the needles before the formation of the first heel course, transferring after working on the heel one of the first courses of the middle portion of the foot to the needles of a linking machine, removing the separating courses, uniting the inner edge of the heel on the needles of the linking machine with the respective course of the side part of the foot, and removing the auxiliary parts.

2,065,980
CLUTCH AND BRAKE DEVICE FOR MOTOR VEHICLES
Karl Maybach, Friedrichshafen, Germany, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Bodensee, Germany
Application August 8, 1934, Serial No. 738,900
In Germany August 17, 1933
9 Claims. (Cl. 192—.01)



1. In a motor vehicle a device of the type comprising: a clutch; a brake; means for operating said brake; means for controlling the fuel admission to the motor of said vehicle; means for automatically disconnecting said clutch on said fuel controlling means being shut off; means for automatically causing re-engagement of said clutch on said brake being operated; and means automatically becoming operative on said brake operating means being released to prevent redisengagement of said clutch.

2,065,981
DRYING ARTIFICIAL SILK PACKAGES
Karl Moog, Obernburg-on-the-Main, Germany, assignor to American Enka Corporation, Enka, N. C., a corporation of Delaware
Application June 27, 1934, Serial No. 732,715
In Germany July 4, 1933
2 Claims. (Cl. 34—24)



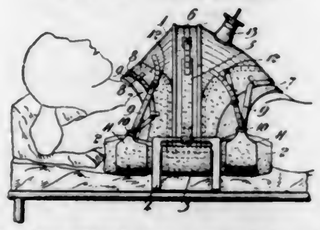
1. The method of drying packages of artificial silk the respective interiors of which are in unsupported condition comprising arranging a plu-

rality of wet interiorly unsupported packages of artificial silk in a vertical column with spacer plates therebetween, with the packages each supporting the column thereabove, passing a drying medium centrally through the column of packages while avoiding any substantial contact of the drying medium with the exterior surfaces of the packages, continuing the passing of the drying medium through the interior of the column of packages and thereby gradually effecting a progressive drying of the packages from their interiors to their respective exteriors with the resultant contraction and decrease in the height of the respective packages, and effecting the transfer of the load of the column above from the lower packages shortly prior to the period of maximum contraction of the packages.

2,065,982
APPARATUS FOR PRODUCING ARTIFICIAL BREATHING OR RESPIRATION

Josef August Nordin, Stockholm, Sweden, assignor to Aktiebolaget Stille-Werner, Stockholm, Sweden, a corporation of Sweden

Application November 12, 1935, Serial No. 49,406
In Sweden November 21, 1934
6 Claims. (Cl. 128—30)

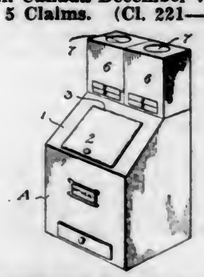


1. An apparatus for producing artificial breathing or respiration, comprising a shield-like hood adapted to be placed over the breast and belly of a patient, so that between the hood and the body is formed an intermediate space in which the pressure of the air may be alternately reduced and raised, a flexible, soft pad underlying the patient on which rigid shanks of the hood bear on both sides of the patient; means for clasping together the hood and the pad around the patient, so that the shanks of the hood sink down into the pad and the rims of the latter are bent upwardly, and means for effecting a tight fit between end portions of the hood and the body of the patient.

2,065,983
CABINET SECTION

Edgar E. Reid, Leacross, Saskatchewan, Canada

Application November 2, 1934, Serial No. 751,204
In Canada December 7, 1933
5 Claims. (Cl. 221—105)

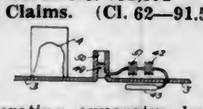


1. In combination with a storage cabinet of the class described, a measure in the form of a tray, a peripheral wall around said tray, a portion of said measure being movable to permit the pouring of a substance contained within said measure having a pouring trough affixed adjacent to the outer side of said movable portion.

2,065,984
REFRIGERATION

Edward Rice, Jr., Croton-on-Hudson, N. Y., assignor to International Carbonic, Inc., Wilmington, Del., a corporation of Delaware

Original application July 7, 1933, Serial No. 679,435. Divided and this application November 3, 1934, Serial No. 751,391
2 Claims. (Cl. 62—91.5)

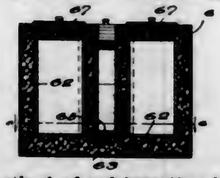


1. A refrigerating apparatus having a compartment for a solid refrigerant and a space to be cooled, a solid metallic heat conductor with which solid refrigerant in the refrigerant compartment is to be maintained in heat-conductive relation, said conductor having extended surfaces for heat absorption from the space to be cooled, the capacity of said conductor to transmit heat along in the direction of the refrigerant from the surfaces for heat absorption being sufficient, by reason of its thickness with respect to the heat conductivity of the metal from which it is formed and the area of said extended surfaces exposed for heat absorption to maintain said heat-absorbing surfaces at an effective refrigerating temperature lower than that of the space to be cooled, means for controlling and regulating the transfer of heat from the refrigerated space or material to the refrigerant, said means being formed by a break in the metallic continuity of the conductor, and means for varying the heat flow across said break.

2,065,985
METHOD AND APPARATUS FOR REFRIGERATION

Edward Rice, Jr., New York, N. Y., assignor to International Carbonic, Inc., New York, N. Y., a corporation of Delaware

Application July 3, 1936, Serial No. 88,876
18 Claims. (Cl. 62—31)

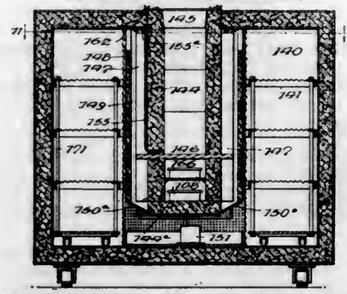


1. The method of refrigerating by means of a solid refrigerant which comprises maintaining a solid refrigerant in heat-conductive relation with a lower portion of a solid metallic heat conductor, having a thickness so correlated to the heat conductivity of the metal from which it is formed and the area of its surface exposed for heat absorption, that it is capable of transferring heat to the solid refrigerant at a rate sufficient to maintain the heat-absorbing surface thereof at an effective refrigerating temperature, absorbing heat from a space to be refrigerated by an upper portion of said conductor, and transferring the heat absorbed by the upper portion of the conductor downwardly through said conductor to the refrigerant at a rate sufficient to maintain an effective refrigerating temperature in said space.

2,065,986
APPARATUS FOR REFRIGERATION

Edward Rice, Jr., New York, N. Y., assignor to International Carbonic, Inc., New York, N. Y., a corporation of Delaware

Application July 3, 1936, Serial No. 88,877
In Canada August 5, 1930
12 Claims. (Cl. 62—91.5)

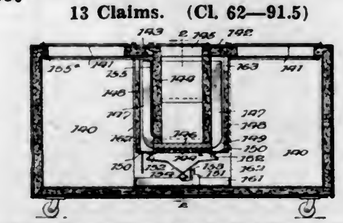


1. A refrigerating apparatus for use with solid refrigerants having a compartment for the solid refrigerant and a plurality of compartments to be refrigerated, a solid metallic heat conductor with which solid refrigerant in the refrigerant compartment is to be maintained in heat-conductive relation, said conductor having extended surfaces for heat absorption from the compartments to be refrigerated, the capacity of said conductor to transmit heat along in the direction of the refrigerant from the extended surfaces exposed for heat absorption being sufficient by reason of its thickness with respect to the heat conductivity of the metal from which it is formed and the area of said extended surfaces exposed for heat absorption to maintain said heat-absorbing surfaces at an effective refrigerating temperature lower than that of the compartment to be refrigerated, and means for maintaining one of said compartments to be refrigerated at a temperature lower than that of another of said compartments to be refrigerated.

2,065,987
APPARATUS FOR REFRIGERATION

Edward Rice, Jr., New York, N. Y., assignor to International Carbonic, Inc., New York, N. Y., a corporation of Delaware

Original application July 14, 1930, Serial No. 467,999. Divided and this application July 3, 1936, Serial No. 88,878. In Canada August 5, 1930
13 Claims. (Cl. 62—91.5)

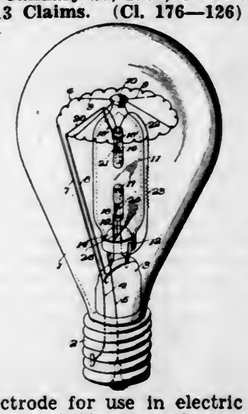


1. In refrigerating apparatus for cooling by a solid refrigerant such as water-ice, brine-ice, or solid carbon dioxide, a solid metallic heating conductor having a vertically positioned extended surface for heat absorption from the space or material to be cooled of greater area than the surface of the conductor presented in the refrigerant-containing chamber for heat transfer to the refrigerant, the capacity of said conductor to transmit heat along in the direction of the refrigerant from the said surface presented for heat absorption being sufficient, by reason of its thickness with respect to the heat conductivity of the metal from which it is formed and the area of said extended surface exposed for heat absorption, to maintain said heat-absorbing surface at an effective refrigerating temperature lower than that of the space or material to be cooled, whereby said heat-absorbing surface is adapted to absorb a larger amount of the heat to be transmitted by said conductor, together with a wall cooperating with said extended heat absorbing surface to form a generally vertically-extending duct through which air may flow from the space to be cooled into contact with said extended surface, and a horizontally-extending duct connected with an upper portion of said vertically-extending duct for facilitating the flow of warmer air over said extended surface from portions of the space to be cooled remote from said surface.

2,065,988
LAMP

George Sperti, Covington, Ky., assignor to Sperti Lamp Corporation, New York, N. Y., a corporation of Delaware

Application January 25, 1932, Serial No. 588,747
13 Claims. (Cl. 176—126)

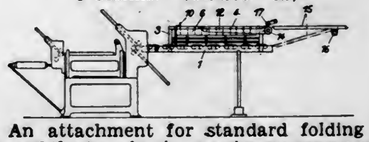


1. An electrode for use in electric arc lamps comprising a metallic sleeve having a portion coated with oxide capable of electronic emission when heated for starting the arc, a protecting cap covering another portion of said sleeve and adapted to maintain the arc after starting, said cap being formed of conductive material different from and more resistant to disintegration on arc operation than the metal from which said sleeve is formed, and a heating filament within said sleeve.

2,065,989
FOLDING ATTACHMENT

Georg Spiess, Leipzig, Germany

Application May 29, 1935, Serial No. 24,111
In Germany May 19, 1934
6 Claims. (Cl. 270—62)



1. An attachment for standard folding machines of the type having a primary conveyor and folder and a supporting frame, said attachment including brackets adapted to be attached to said frame at one side of the conveyor of the stand-

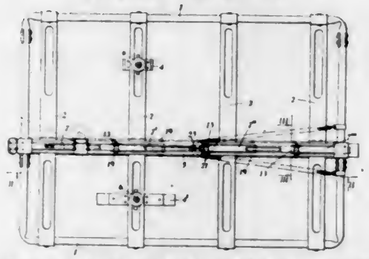
ard machine, feed table leaves supported by said brackets in spaced relation to each other, one of said leaves extending across the said primary conveyor upon the brackets being attached to said frame, a folding mechanism carried by said brackets in vertical alinement with the space between said leaves, and a delivery mechanism carried by said brackets in vertically spaced relation to and parallel with the folding mechanism, said delivery mechanism being positioned on the brackets to deliver folded sheets to said primary conveyor whereby one of said leaves is spaced above the upper surface of said primary conveyor.

2,065,990

MECHANISM FOR CARRYING OR RELEASING LOADS FROM AIRCRAFT

Arthur Ashford Benjamin Thomson, Winchester, and Geoffrey Haslewood Cooke, London, England

Application March 29, 1934, Serial No. 718,004
In Great Britain March 29, 1933
7 Claims. (Cl. 89—1.5)



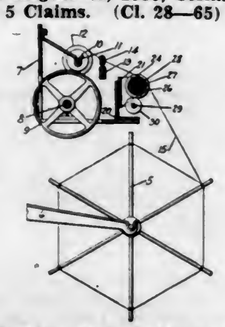
1. Bomb carrying and releasing mechanism comprising a lever adapted to support a bomb and provided with a roller, and a restraining and releasing member in the form of a slidable bar against which said lever roller bears whereby the lever is constrained to support the bomb but is allowed to pivot and release the bomb when said bar is slid, said bar passing between said lever roller and an abutment for said bar in the form of a second roller and these two rollers being so disposed as not to tend to tilt or bend said bar appreciably.

2,065,991

THREAD-CLEANING ATTACHMENT FOR WINDING MECHANISM

Jerome Barney, Bethlehem, Pa., assignor to R. K. Laros Silk Company, Bethlehem, Pa., a corporation of Pennsylvania

Application August 25, 1936, Serial No. 97,743
5 Claims. (Cl. 28—65)



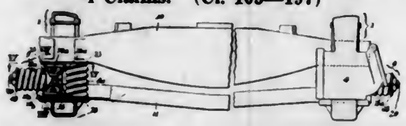
1. In combination with thread winding mechanism comprising thread supply means and a winding spindle, of a thread-cleaning attachment comprising a cleaning brush mounted to engage a winding thread intermediately between said supply and spindle, means to rotate said brush to remove and retain waste clinging to the winding thread, and means to stop rotation of said brush upon breaking of the thread.

2,065,992

FRICTION UNIT FOR RAILWAY CAR TRUCKS

Charles D. Barrett, Altoona, Pa.

Application March 9, 1935, Serial No. 10,241
4 Claims. (Cl. 105—197)



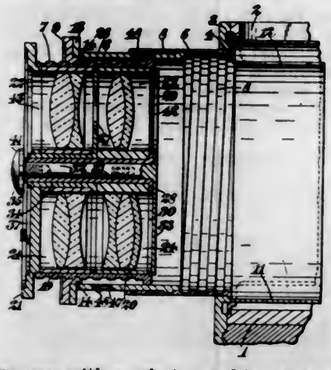
1. In a car truck, a self-contained shock absorbing unit including a pair of vertically movable wedge members, a pair of horizontally movable wedge members in frictional engagement with the vertically movable wedge members, vertically movable bearing members in engagement with parts of the car truck for transmitting the load to said wedge members, said bearing members having laterally extending ears disposed within the vertically movable wedge members, bolts connecting the ears of one bearing member with the ears of the other bearing member, said bolts limiting the vertical separation of said bearing members and serving to maintain said vertically movable wedge members in assembled relation, and a spring opposing relative movement of said wedge members, said spring having a line of action at right angles to the line of action of said bearing members.

2,065,993

CAMERA LENS AND CAMERA

Noel Pemberton Billing, London, England

Application April 6, 1935, Serial No. 15,119
In Great Britain April 6, 1934
13 Claims. (Cl. 95—45)



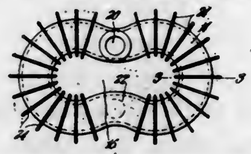
1. For use with a photographic camera body, the combination of a rotatable tubular lens carrier adjustably mounted for movement into and out from a position at which the carrier is collapsed at least mainly within the camera body, and a plurality of camera lenses mounted in the carrier for individual adjustment to a position of use by rotation of the lens carrier and by movement of the latter out from the collapsed position.

2,065,994

HEATER

George H. Bork, Holyoke, Mass., assignor to Harvey-Whipple, Inc., Springfield, Mass., a corporation of Massachusetts

Application February 13, 1936, Serial No. 63,747
2 Claims. (Cl. 257—248)



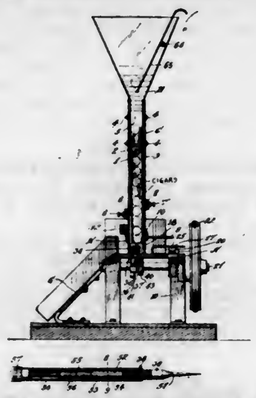
1. A heating device for inserting in and connecting to a boiler comprising in combination, a horizontally-extending hollow continuous body member in the form of a figure eight providing a closed continuous endless water-passageway which circumscribes an open space, the portions of said space which are at opposite sides of the central portion thereof being of relatively greater area than said central portion, and a plurality of fin members extending outwardly from the body at spaced intervals and having the plane of their principal surfaces disposed in opposition to the horizontal run of said passageway.

2,065,995

MACHINE FOR PERFORATING CIGARS

Louis J. Dorfman, Brooklyn, N. Y.

Application May 18, 1935, Serial No. 22,182
14 Claims. (Cl. 131—20)



1. A machine of the character described comprising a table, mechanism including a needle for perforating the end of a cigar on said table, means for stacking cigars horizontally in superposed relation and feeding them by gravity one by one to said table in proper relation to said perforating mechanism, means for gripping and holding each cigar against longitudinal movement during withdrawal of the needle from the cigar, and means for successively ejecting said cigars after perforation thereof.

14. A member for perforating cigars comprising a tube, piercing means in one end thereof and carried thereby, and an electrical heating unit in said tube and in direct heat exchanging relation to and in contact with a part of the piercing means within the tube for heating the piercing means to facilitate penetration of the cigar by said piercing means.

2,065,996

TREATMENT OF YARN

Camille Dreyfus, New York, N. Y., and George R. Blake, Cumberland, Md., assignors to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application May 9, 1931, Serial No. 536,310. Renewed January 22, 1934
15 Claims. (Cl. 28—1)

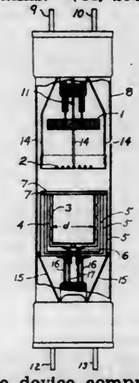
1. Process for the production of fabrics containing yarns of organic derivatives of cellulose, which comprises applying to said yarns, prior to a fabric-forming operation, an agent comprising a solvent for the organic derivatives of cellulose to render the yarns more pliable, subjecting the yarns to a fabric-forming operation and removing said agent from the fabric.

2,065,997

GASEOUS DISCHARGE TUBE CATHODE

Donald V. Edwards, Montclair, and Earl K. Smith, East Orange, N. J., assignors to Electrons, Inc., of Delaware, a corporation of Delaware

Application June 22, 1934, Serial No. 731,860
11 Claims. (Cl. 250—27.5)



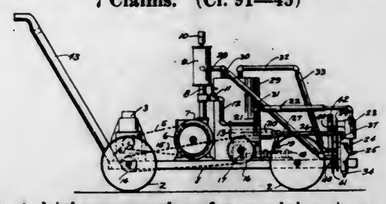
1. A discharge device comprising an envelope containing an ionizable medium, a hollow thermionic cathode having a fixed electron emissive surface therein, and another electrode outside the cathode, said cathode having an unobstructed space adjacent its effective emissive surface for a distance which allows the average emitted electron to move from said surface to its first ionizing collision in said medium without striking a solid body.

2,065,998

HIGHWAY MARKER

Herbert A. Emmons, Bloomfield, N. J.

Application September 13, 1933, Serial No. 689,220
7 Claims. (Cl. 91—45)



3. A highway marker for applying to a road surface a plurality of substantially parallel contiguous stripes and comprising a wheeled vehicle including a metering wheel for contacting with the road surface and carrying a paint reservoir, a paint applicator having a plurality of paint applying positions lying in a plane trans-

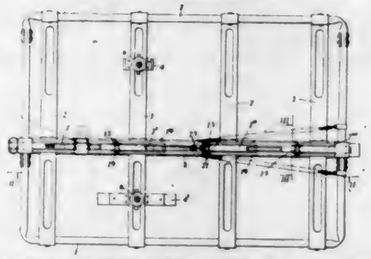
ard machine, feed table leaves supported by said brackets in spaced relation to each other, one of said leaves extending across the said primary conveyor upon the brackets being attached to said frame, a folding mechanism carried by said brackets in vertical alinement with the space between said leaves, and a delivery mechanism carried by said brackets in vertically spaced relation to and parallel with the folding mechanism, said delivery mechanism being positioned on the brackets to deliver folded sheets to said primary conveyor whereby one of said leaves is spaced above the upper surface of said primary conveyor.

2,065,990

MECHANISM FOR CARRYING OR RELEASING LOADS FROM AIRCRAFT

Arthur Ashford Benjamin Thomson, Winchester, and Geoffrey Haslewood Cooke, London, England

Application March 29, 1934, Serial No. 718,004
In Great Britain March 29, 1933
7 Claims. (Cl. 89—1.5)



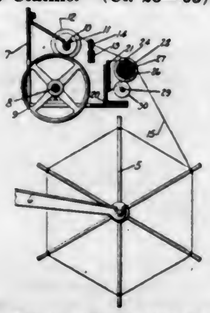
1. Bomb carrying and releasing mechanism comprising a lever adapted to support a bomb and provided with a roller, and a restraining and releasing member in the form of a slidable bar against which said lever roller bears whereby the lever is constrained to support the bomb but is allowed to pivot and release the bomb when said bar is slid, said bar passing between said lever roller and an abutment for said bar in the form of a second roller and these two rollers being so disposed as not to tend to tilt or bend said bar appreciably.

2,065,991

THREAD-CLEANING ATTACHMENT FOR WINDING MECHANISM

Jerome Barney, Bethlehem, Pa., assignor to R. K. Laros Silk Company, Bethlehem, Pa., a corporation of Pennsylvania

Application August 25, 1936, Serial No. 97,743
5 Claims. (Cl. 28—65)



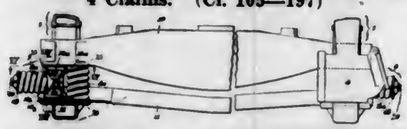
1. In combination with thread winding mechanism comprising thread supply means and a winding spindle, of a thread-cleaning attachment comprising a cleaning brush mounted to engage a winding thread intermediately between said supply and spindle, means to rotate said brush to remove and retain waste clinging to the winding thread, and means to stop rotation of said brush upon breaking of the thread.

2,065,992

FRICTION UNIT FOR RAILWAY CAR TRUCKS

Charles D. Barrett, Altoona, Pa.

Application March 9, 1935, Serial No. 10,241
4 Claims. (Cl. 105—197)



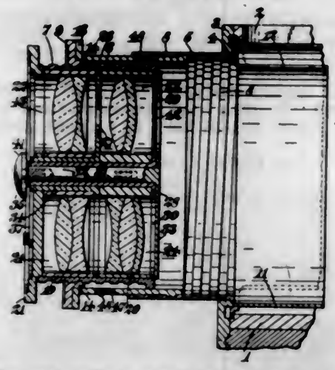
1. In a car truck, a self-contained shock absorbing unit including a pair of vertically movable wedge members, a pair of horizontally movable wedge members in frictional engagement with the vertically movable wedge members, vertically movable bearing members in engagement with parts of the car truck for transmitting the load to said wedge members, said bearing members having laterally extending ears disposed within the vertically movable wedge members, bolts connecting the ears of one bearing member with the ears of the other bearing member, said bolts limiting the vertical separation of said bearing members and serving to maintain said vertically movable wedge members in assembled relation, and a spring opposing relative movement of said wedge members, said spring having a line of action at right angles to the line of action of said bearing members.

2,065,993

CAMERA LENS AND CAMERA

Noel Pemberton Billing, London, England

Application April 6, 1935, Serial No. 15,119
In Great Britain April 6, 1934
13 Claims. (Cl. 95—45)



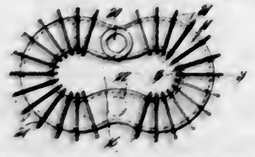
1. For use with a photographic camera body, the combination of a rotatable tubular lens carrier adjustably mounted for movement into and out from a position at which the carrier is collapsed at least mainly within the camera body, and a plurality of camera lenses mounted in the carrier for individual adjustment to a position of use by rotation of the lens carrier and by movement of the latter out from the collapsed position.

2,065,994

HEATER

George H. Bork, Holyoke, Mass., assignor to Harvey-Whipple, Inc., Springfield, Mass., a corporation of Massachusetts

Application February 13, 1926, Serial No. 82,747
2 Claims. (Cl. 257—248)



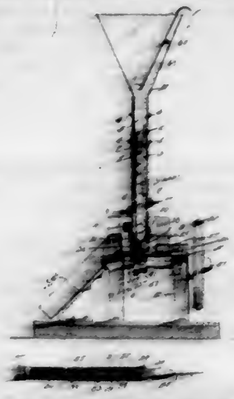
1. A heating device for inserting in and connecting to a boiler comprising in combination, a horizontally-extending hollow continuous body member in the form of a figure eight providing a closed continuous endless water-passageway which circumscribes an open space, the portions of said space which are at opposite sides of the central portion thereof being of relatively greater area than said central portion, and a plurality of fin members extending outwardly from the body at spaced intervals and having the plane of their principal surfaces disposed in opposition to the horizontal run of said passageway.

2,065,995

MACHINE FOR PERFORATING CIGARS

Louis J. Dorfman, Brooklyn, N. Y.

Application May 18, 1935, Serial No. 22,182
14 Claims. (Cl. 131—20)



1. A machine of the character described comprising a table, mechanism including a needle for perforating the end of a cigar on said table, means for stacking cigars horizontally in superposed relation and feeding them by gravity one by one to said table in proper relation to said perforating mechanism, means for gripping and holding each cigar against longitudinal movement during withdrawal of the needle from the cigar, and means for successively ejecting said cigars after perforation thereof.

14. A member for perforating cigars comprising a tube, piercing means in one end thereof and carried thereby, and an electrical heating unit in said tube and in direct heat exchanging relation to and in contact with a part of the piercing means within the tube for heating the piercing means to facilitate penetration of the cigar by said piercing means.

2,065,996

TREATMENT OF YARN

Camille Dreyfus, New York, N. Y., and George B. Blake, Cumberland, Md., assignors to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application May 9, 1931, Serial No. 536,310. Renewed January 22, 1934
15 Claims. (Cl. 28—1)

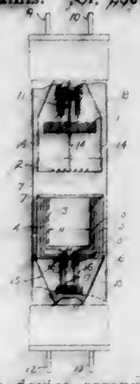
1. Process for the production of fabrics containing yarns of organic derivatives of cellulose, which comprises applying to said yarns, prior to a fabric-forming operation, an agent comprising a solvent for the organic derivatives of cellulose to render the yarns more pliable, subjecting the yarns to a fabric-forming operation and removing said agent from the fabric.

2,065,997

GASEOUS DISCHARGE TUBE CATHODE

Donald V. Edwards, Montclair, and Earl K. Smith, East Orange, N. J., assignors to Electrons, Inc., of Delaware, a corporation of Delaware

Application June 22, 1924, Serial No. 721,860
11 Claims. (Cl. 250—27.5)



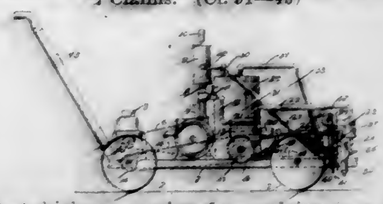
1. A discharge device comprising an envelope containing an ionizable medium, a hollow thermionic cathode having a fixed electron emissive surface therein, and another electrode outside the cathode, said cathode having an unobstructed space adjacent its effective emissive surface for a distance which allows the average emitted electron to move from said surface to its first ionizing collision in said medium without striking a solid body.

2,065,998

HIGHWAY MARKER

Herbert A. Emmons, Bloomfield, N. J.

Application September 12, 1933, Serial No. 689,220
7 Claims. (Cl. 91—45)



3. A highway marker for applying to a road surface a plurality of substantially parallel contiguous stripes and comprising a wheeled vehicle including a metering wheel for contacting with the road surface and carrying a paint reservoir, a paint applicator having a plurality of paint applying positions lying in a plane trans-

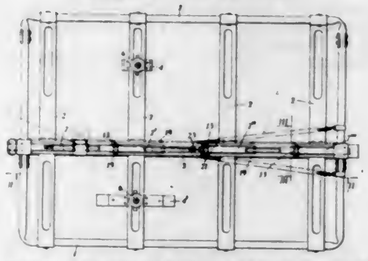
ard machine, feed table leaves supported by said brackets in spaced relation to each other, one of said leaves extending across the said primary conveyor upon the brackets being attached to said frame, a folding mechanism carried by said brackets in vertical alinement with the space between said leaves, and a delivery mechanism carried by said brackets in vertically spaced relation to and parallel with the folding mechanism, said delivery mechanism being positioned on the brackets to deliver folded sheets to said primary conveyor whereby one of said leaves is spaced above the upper surface of said primary conveyor.

2,065,990

MECHANISM FOR CARRYING OR RELEASING LOADS FROM AIRCRAFT

Arthur Ashford Benjamin Thomson, Winchester, and Geoffrey Haslewood Cooke, London, England

Application March 29, 1934, Serial No. 718,004
In Great Britain March 29, 1933
7 Claims. (Cl. 89—1.5)



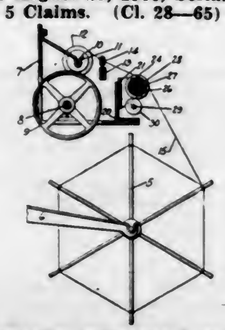
1. Bomb carrying and releasing mechanism comprising a lever adapted to support a bomb and provided with a roller, and a restraining and releasing member in the form of a slidable bar against which said lever roller bears whereby the lever is constrained to support the bomb but is allowed to pivot and release the bomb when said bar is slid, said bar passing between said lever roller and an abutment for said bar in the form of a second roller and these two rollers being so disposed as not to tend to tilt or bend said bar appreciably.

2,065,991

THREAD-CLEANING ATTACHMENT FOR WINDING MECHANISM

Jerome Barney, Bethlehem, Pa., assignor to R. K. Laros Silk Company, Bethlehem, Pa., a corporation of Pennsylvania

Application August 25, 1936, Serial No. 97,743
5 Claims. (Cl. 28—65)



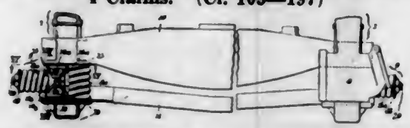
1. In combination with thread winding mechanism comprising thread supply means and a winding spindle, of a thread-cleaning attachment comprising a cleaning brush mounted to engage a winding thread intermediately between said supply and spindle, means to rotate said brush to remove and retain waste clinging to the winding thread, and means to stop rotation of said brush upon breaking of the thread.

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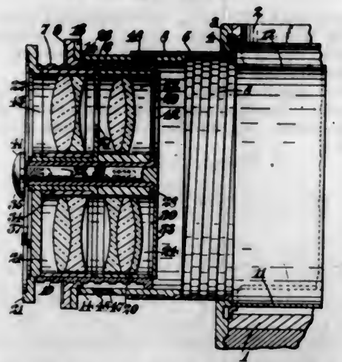
1. In a car truck, a self-contained shock absorbing unit including a pair of vertically movable wedge members, a pair of horizontally movable wedge members in frictional engagement with the vertically movable wedge members, vertically movable bearing members in engagement with parts of the car truck for transmitting the load to said wedge members, said bearing members having laterally extending ears disposed within the vertically movable wedge members, bolts connecting the ears of one bearing member with the ears of the other bearing member, said bolts limiting the vertical separation of said bearing members and serving to maintain said vertically movable wedge members in assembled relation, and a spring opposing relative movement of said wedge members, said spring having a line of action at right angles to the line of action of said bearing members.

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Noel Pemberton Billing, London, England

Application April 6, 1935, Serial No. 15,119
In Great Britain April 6, 1934
13 Claims. (Cl. 95—45)



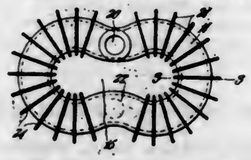
1. For use with a photographic camera body, the combination of a rotatable tubular lens carrier adjustably mounted for movement into and out from a position at which the carrier is collapsed at least mainly within the camera body, and a plurality of camera lenses mounted in the carrier for individual adjustment to a position of use by rotation of the lens carrier and by movement of the latter out from the collapsed position.

2,065,994

HEATER

George H. Bork, Holyoke, Mass., assignor to Harvey-Whipple, Inc., Springfield, Mass., a corporation of Massachusetts

Application February 13, 1936, Serial No. 63,747
2 Claims. (Cl. 257—248)



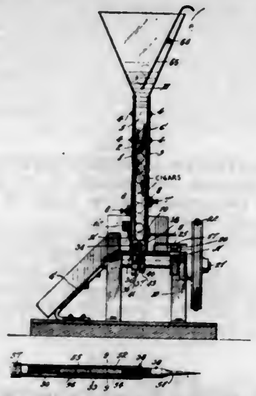
1. A heating device for inserting in and connecting to a boiler comprising in combination, a horizontally-extending hollow continuous body member in the form of a figure eight providing a closed continuous endless water-passageway which circumscribes an open space, the portions of said space which are at opposite sides of the central portion thereof being of relatively greater area than said central portion, and a plurality of fin members extending outwardly from the body at spaced intervals and having the plane of their principal surfaces disposed in opposition to the horizontal run of said passageway.

2,065,995

MACHINE FOR PERFORATING CIGARS

Louis J. Dorfman, Brooklyn, N. Y.

Application May 18, 1935, Serial No. 22,182
14 Claims. (Cl. 131—20)



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2,065,996

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No Drawing. Application May 9, 1931, Serial No. 536,310. Renewed January 22, 1934
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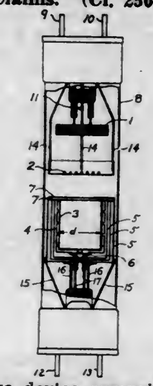
1. Process for the production of fabrics containing yarns of organic derivatives of cellulose, which comprises applying to said yarns, prior to a fabric-forming operation, an agent comprising a solvent for the organic derivatives of cellulose to render the yarns more pliable, subjecting the yarns to a fabric-forming operation and removing said agent from the fabric.

2,065,997

GASEOUS DISCHARGE TUBE CATHODE

Donald V. Edwards, Montclair, and Earl K. Smith, East Orange, N. J., assignors to Electrons, Inc., of Delaware, a corporation of Delaware

Application June 22, 1934, Serial No. 731,860
11 Claims. (Cl. 250—27.5)



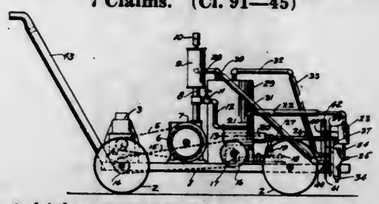
1. A discharge device comprising an envelope containing an ionizable medium, a hollow thermionic cathode having a fixed electron emissive surface therein, and another electrode outside the cathode, said cathode having an unobstructed space adjacent its effective emissive surface for a distance which allows the average emitted electron to move from said surface to its first ionizing collision in said medium without striking a solid body.

2,065,998

HIGHWAY MARKER

Herbert A. Emmons, Bloomfield, N. J.

Application September 13, 1933, Serial No. 689,220
7 Claims. (Cl. 91—45)



3. A highway marker for applying to a road surface a plurality of substantially parallel contiguous stripes and comprising a wheeled vehicle including a metering wheel for contacting with the road surface and carrying a paint reservoir, a paint applicator having a plurality of paint applying positions lying in a plane trans-

verse to said vehicle, means for conveying paint from said reservoir to said applicator and operating mechanism controlled by said metering wheel for so regulating the starting and stopping of the flow of paint from said applicator as to cause the latter to be effective to apply paint from first one and then another of said positions.

2,065,999
UNIVERSAL JOINT

Joanny Faure and Antoine Pierre Chavrier, Lyon, France

Application May 9, 1935, Serial No. 20,524
In France May 19, 1934
4 Claims. (Cl. 64—21)

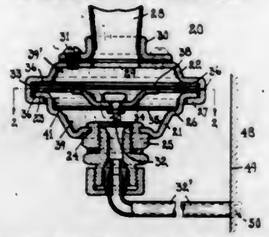


1. A transmission for automotive vehicles having front driving and steering wheels, comprising the combination of a differentially compensated Cardan joint system, including a freely rotatable shaft, a fork connected to said shaft, a tubular shaft surrounding said first shaft and provided with a second fork which is of lesser diameter than said first fork and coaxially disposed and rotatable within said first fork, a third fork having two pairs disposed at right angles to each other and of which one pair is of greater width than the other pair, a coupling member within said forks to which the arms of said forks are connected to allow universal movement thereof, a differential gear having pinions connected to the shafts of said first and second forks, and also a shaft and planetary pinions connected by arms to the shaft, and a conventional Cardan joint disposed on the side of said differentially compensated Cardan joint system which is remote from the vehicle wheel to be driven, said conventional Cardan joint being conventionally disposed adjacent to the main differential gear of the gear of the transmission directly connected to the gear box of the vehicle, and an integral extension of said first shaft of said first fork within said tubular shaft extending entirely through and past said first differential gear to said conventional Cardan joint.

2,066,000
SUCTION ACTUATED WARNING MECHANISM

Alexis F. Gillet, Omaha, Nebr., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y., a corporation of New York

Application February 4, 1935, Serial No. 4,906
3 Claims. (Cl. 116—138)

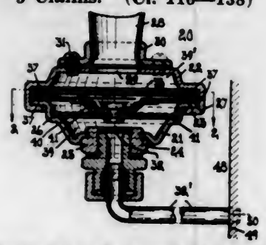


3. A suction actuated warning mechanism including a casing having inlet and outlet ports, the latter to be connected to a source of suction, a vibratory diaphragm formed with an aperture and disposed within said casing at a point between said ports, a reciprocable valve body also disposed within said casing with its peripheral edges spaced from and movable with respect to said casing, said body being disposed wholly between said diaphragm and the outlet port of said casing and cooperating with the diaphragm aperture to rapidly vary the flow of air therethrough, and the effective area of said outlet port being greater than the effective area of said diaphragm aperture when unobstructed by said valve body.

2,066,001
ACTUATING MECHANISM FOR WARNING SIGNALS

Alexis F. Gillet, Omaha, Nebr., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y., a corporation of New York

Application February 4, 1935, Serial No. 4,907
5 Claims. (Cl. 116—138)



1. A warning signal comprising a casing having an outlet port to be connected to a source of suction and a port for the intake of actuating air, a vibratory diaphragm in the casing provided with an opening for the passage of air between said ports for vibration of the diaphragm, means disposed within the casing and movable with respect to said diaphragm for varying the volume of air passing therethrough, and means in the casing for constantly assuring the maintenance of an open passageway for air therethrough.

2,066,002
PROTECTIVE COMPOSITIONS

Ernest R. Hanson, Bloomfield, N. J., assignor to Halowax Corporation, New York, N. Y., a corporation of Delaware

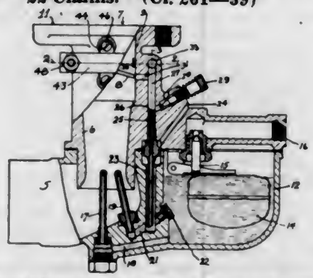
No Drawing. Application May 1, 1935, Serial No. 19,176
20 Claims. (Cl. 134—17)

1. Composition comprising a dispersion of a halogenated angular annelid hydrocarbon containing the phenanthrene group and rubber.

2,066,003
CARBURETOR

Victor R. Heftler, Grosse Pointe Park, Mich.

Application June 6, 1934, Serial No. 729,203
22 Claims. (Cl. 261—39)

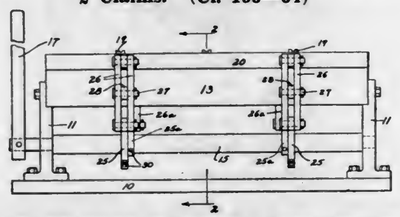


1. In a carburetor having a mixture outlet, a fuel conduit, means for supplying fuel to said conduit, a fuel port in the sidewall of said outlet, an air port in the sidewall of said outlet, a valve connecting said fuel conduit with said fuel port and regulating the communication therebetween, and, valve means regulating said air port and allowing air to enter therein in fixed proportion to the amount of fuel entering said fuel port.

2,066,004
APPARATUS FOR MAKING TUBES

Charles W. Hitt, Los Angeles, Calif., assignor to John A. Zublin, Los Angeles, Calif.

Application July 24, 1935, Serial No. 32,934
2 Claims. (Cl. 153—34)

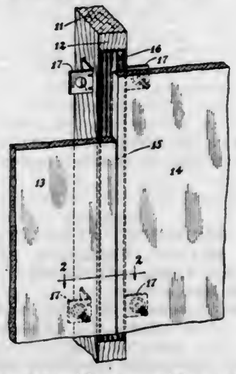


1. In apparatus for forming tubes from very thin metal stock, the combination of a stationary die block having a groove in one surface adapted to form a strip of metal stock into a U-shape with parallel sides extending out from said surface; a pair of forming members sliding on the die block toward the groove, said forming members having means for forming the metal strip into a tube and also having means for bringing into contact edge portions of the parallel strip sides and for holding the edge portions parallel and in contact with a part thereof fully exposed out beyond the faces of the forming members for the entire length of the tube while the forming members fully cover the tube itself, whereby the edge portions may be welded together in parallel position to complete the tube without injury to the tube; and means for moving the forming members.

2,066,005
BUILDING WALL

Edward M. Jenkins, Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y., a corporation of New York

Application January 10, 1936, Serial No. 58,534
6 Claims. (Cl. 72—16)

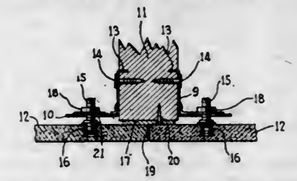


1. A building assembly comprising a stud, units of facing material of generally plane surface meeting in flush relationship at their edges to form a joint therebetween and in front of the face of the stud, a resiliently compressible strip gasket disposed between the said joint and face of the stud, and means securing the said units to the stud and tightly against the gasket, the said gasket having, on the face thereof in contact with the said units, ridges extending longitudinally on both sides of the said joint, so as to provide relatively small areas of contact of the said units against the gasket.

2,066,006
BUILDING ASSEMBLY AND FASTENING MEANS

George D. Kellogg, Pelham, N. Y., assignor to Johns-Manville Corporation, New York, N. Y., a corporation of New York

Application September 10, 1935, Serial No. 39,890
8 Claims. (Cl. 72—16)

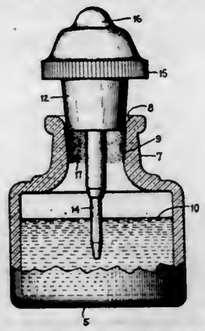


1. A building assembly comprising a frame member of the type of a stud, units of facing material meeting to form a joint in front of the said member, a resiliently yieldable gasket disposed between the said joint and member, and means including each an element secured to the said member and a springy element secured to one of the said units supporting the said units upon the frame member and drawing them under tension against the said gasket.

2,066,007
INK BOTTLE STOPPER

Adolf W. Keuffel, Montclair, N. J., and John J. Lippoth, New York, N. Y., assignors to Keuffel & Esser Company, Hoboken, N. J., a corporation of New Jersey

Application March 15, 1935, Serial No. 11,236
4 Claims. (Cl. 120—57)



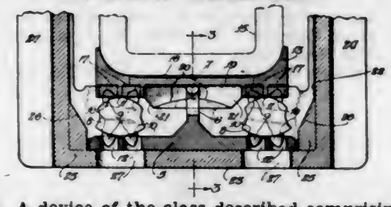
1. An ink bottle having a neck and a stopper therefor provided with pen filling means, said stopper being of yielding non-metallic material and formed with an inverted frusto-conical portion, the interior surface of the neck portion of the bottle engaging the stopper being of inverted frusto-conical shape and being roughened on the order of that caused by abrasion, etching and the like.

2,066,008
IRRIGATING PIPE
Otto Knoerzer, Hammond, Ind., assignor to Champion Corporation, Hammond, Ind., a corporation of Indiana
Application October 8, 1935, Serial No. 44,068
2 Claims. (Cl. 285—175)



1. Irrigating pipe, comprising lengths of pipe, each having on one end a bell formed of a cylindrical wall terminating at its outer end in an inturned tapered lip, extending into the hollow of the bell and forming with the cylindrical wall an annular groove of tapered cross section, an endwise movable gasket of tapered cross section, loosely and removably held in said annular groove, said gasket having an apex portion and two lips that diverge therefrom, one lip bearing against the cylindrical wall of the bell and the other lip being tapered and extending into the hollow of the bell, the other end of a length of pipe being insertable into the bell of an adjacent pipe with the tapered lip of the gasket hugging the external side thereof, whereby pressure applied in the pipes serves to seat the apex part of the gasket in the annular groove in the bell and to press the lips of the gasket against the cylindrical wall of the bell and the inserted pipe.

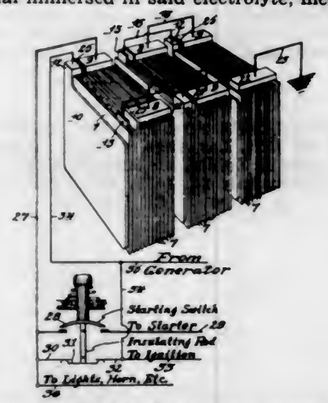
2,066,009
COUPLER CENTERING DEVICE
Elmyr A. Laughlin, deceased, late of Oregon, Ill., by Bessie D. Laughlin Spoor, administratrix, Oregon, Ill., assignor to Consolidated Metal Products Co., Chicago, Ill., a corporation of Delaware
Refiled for abandoned application Serial No. 340,850, February 18, 1929. This application February 26, 1936, Serial No. 65,849
6 Claims. (Cl. 213—21)



1. A device of the class described comprising a base; a central headed post on said base; rocker members on said base on opposite sides of said post; and a coupler stem carrying member supported on said rockers, there being a T-slot in the under side of said carrying member to receive the head of said post, adapted and arranged to prevent disengagement of said carrying member during normal operations of said rockers but permitting disengagement and re-engagement upon extreme lateral movement of said carrying member.

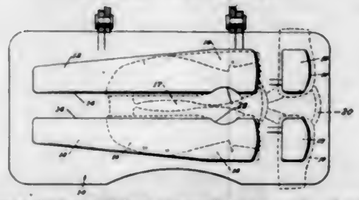
2,066,010
STORAGE BATTERY AND CONNECTION THEREFOR
Martin Lindem, Rock Island, Ill., assignor to National Battery Company, St. Paul, Minn., a corporation of Delaware
Application April 8, 1935, Serial No. 15,199
13 Claims. (Cl. 171—97)

9. The combination with starter, ignition and charging circuits of a motor vehicle, of a battery having a cell containing a body of electrolyte and a plurality of groups of plates carrying active material immersed in said electrolyte, means for



connecting the plates of one group in said starter circuit, a branch circuit connecting another of said groups of plates in said ignition circuit and means for connecting said plates of both groups in said charging circuit.

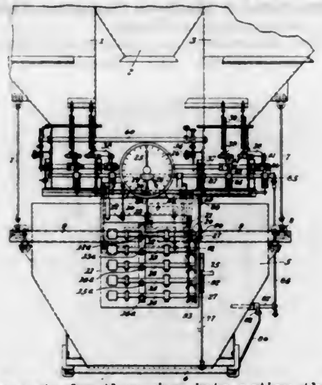
2,066,011
PRESSING MACHINE
Pasquale Marcellitti, Elmwood Park, Ill.
Application November 15, 1935, Serial No. 49,908
1 Claim. (Cl. 38—66)



A pressing machine comprising a pair of spaced bucks having adjacent and substantially parallel edges, each of said adjacent edges having an arcuate recess indentation provided therein for the reception of a portion of a garment disposed upon said bucks, the said recess in each said buck being positioned substantially opposite to the said recess in the other buck of said pair, each of said bucks having an outwardly flared marginal edge portion or bulge in their respective outer edges opposite to the said parallel edges and substantially opposite to the aforesaid arcuate recesses in each said buck for supporting the lapel portion of a coat in extended position, relative to the body of the same, during the pressing operation.

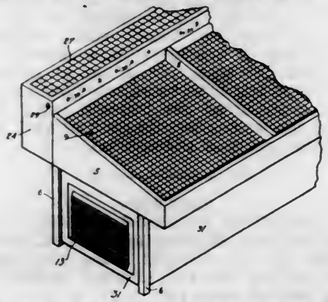
2,066,012
WEIGHING APPARATUS
Harold E. McCrery, Pittsburgh, Pa., assignor to Blaw-Knox Company, Blawnox, Pa., a corporation of New Jersey
Application November 6, 1935, Serial No. 48,544
14 Claims. (Cl. 249—14)

1. Weighing apparatus comprising a plurality of bins each having a discharge opening, a gate for each discharge opening, a weighing hopper, a scale connected to the weighing hopper and having a counterpoise beam for weighing the material delivered from each bin, means for opening each gate individually and in any desired order, and means operable upon the open-



ing of a gate for throwing into action the counterpoise beam which governs the weight of the material controlled by said gate.

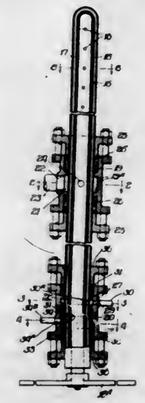
2066,013
APPARATUS FOR PRESERVING PERISHABLES
Edward T. Murphy, Chicago, and Arthur E. Meling, Evanston, Ill., assignors, by mesne assignments, to Carrier Corporation, Newark, N. J., a corporation of Delaware
Application May 24, 1933, Serial No. 672,548
3 Claims. (Cl. 62—89.5)



1. In a display device for perishable products, a compartment having its upper edges sloping from the back towards the front thereof, means within said compartment for supporting produce at an angle to the horizontal, an air conditioning unit for supplying air upwardly through the produce, and an air inlet for said conditioning unit formed along the lower edge of said compartment whereby the cold conditioned air may flow by gravity down the sloping surface presented by the produce into said air inlet.

2,066,014
SOOT BLOWER
Ernst Pfleiderer, Ludwigshafen, Germany, assignor, by mesne assignments, to Diamond Power Specialty Corporation, Detroit, Mich., a corporation of Michigan
Application September 2, 1933, Serial No. 687,939
7 Claims. (Cl. 122—392)

1. In a soot blower, in combination, a steam pipe and water tube means extending longitudinally thereof in thermal communication with said pipe, means for conducting steam to said pipe, a bearing for said pipe and tube means, said pipe and tube means being provided with a cylindrical portion cooperating with said bearing, said bearing providing a water space in cooperation with said pipe and tube means, said tube means having a port communicating with said water space, gaskets in said bearing, and a sleeve member within said bearing encircling said pipe and tube means, said sleeve member having

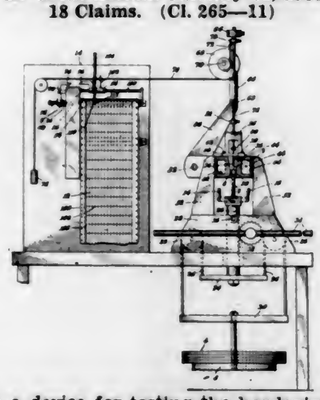


a portion of I-shaped contour, said portion of I-shaped contour being provided with ports, said tube means being provided with another port spaced from said first mentioned port and communicating with the space on one side of the web of said portion of I-shaped contour, said sleeve member being adapted to move longitudinally of said pipe in cooperative relationship with said gaskets, said bearing having a water port communicating with the space on the other side of said web.

2,066,015
MANUFACTURE OF PEROXIDE
James B. Pierce, Jr., Charleston, W. Va., assignor to Barium Reduction Corporation, Charleston, W. Va., a corporation of Delaware
No Drawing. Application June 26, 1934, Serial No. 732,439
6 Claims. (Cl. 23—187)

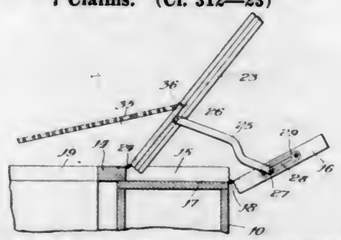
1. The method of fortifying and purifying commercial barium peroxide containing substantial percentages of water-soluble impurities which comprises first thoroughly admixing such commercial barium peroxide with sufficient water to form a thin suspension thereof and sufficient to substantially inhibit the substantial slaking of such barium peroxide to form hydrous barium peroxide, maintaining contact between such barium peroxide and the water so admixed therewith for a considerable period of time and sufficient to dissolve the major portion of the water-soluble heat-generating and alkaline-reacting impurities from said barium peroxide but insufficient to accomplish the substantial and deleterious slaking of barium peroxide to hydrated barium peroxide and then recovering the resultant insoluble barium peroxide separately from the solution containing such dissolved impurities.

2,066,016
METHOD AND DEVICE FOR TESTING HEAT SENSITIVE PLASTICS
Louis M. Rossi, Perth Amboy, and Gilbert L. Peakes, Metuchen, N. J., assignors to Bakelite Corporation, New York, N. Y., a corporation of Delaware
Application February 3, 1934, Serial No. 709,638
In Great Britain January 31, 1934
18 Claims. (Cl. 265—11)



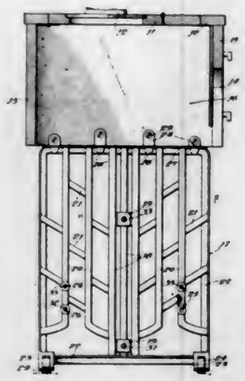
1. In a device for testing the hardening characteristics of a material having rheologic properties, a closable chamber for receiving the material to be tested, said chamber having a wall portion yieldable at the rate of flow of the material under test, means for holding the chamber at a constant temperature, means for applying a constant uniform pressure to the material within the chamber and forcing the said yieldable wall portion to move.

2,066,017
SEWING MACHINE SUPPORT
Walter Adam Smith, Belvidere, Ill., assignor to National Sewing Machine Company, Belvidere, Ill., a corporation of Illinois
Application December 9, 1935, Serial No. 53,513
7 Claims. (Cl. 312—23)



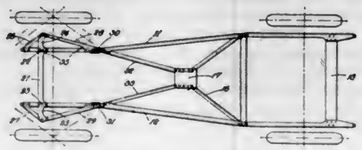
7. A sewing machine support comprising a fixed table top, a movable top member and a lid each less in width than the fixed top, said fixed top being recessed at one end to receive the movable top and the lid being pivotally connected to the fixed top at its recessed edge and movable into said recess, flush with the top, the movable top member being hingedly connected to the support at the outer edge of the recess, a slotted plate secured to the rear edge of the movable top member, and a link pivotally secured at one end to the lid and having a pin on its other end slidably retained in said slotted plate on the movable top member whereby the actuation of the lid automatically moves said movable top member into or out of said recess in the table top.

2,066,018
SEWING MACHINE SUPPORT
Walter Adam Smith, Belvidere, Ill., assignor to National Sewing Machine Company, Belvidere, Ill., a corporation of Illinois
Application December 21, 1935, Serial No. 55,533
2 Claims. (Cl. 311—12)



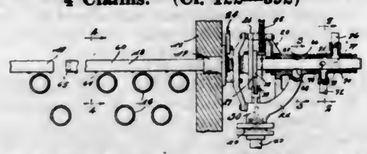
1. A sewing machine comprising a cabinet supporting a sewing head and including vertically disposed side walls, metal legs extending from the floor to the lower edges of the side walls of the cabinet, each leg comprising a plurality of vertically disposed bars, an upper and a lower cross bar connected to opposite ends of said vertical bars, the center one of the vertical bars being provided with an upper and a lower reinforced aperture for the reception of the pulley wheel shaft and the treadle shaft, respectively, a plurality of apertured ears extending upwardly from the upper cross bar at points between the vertical bars, reinforcing bosses formed on said upper cross bar beneath each of said ears, and screws connecting each of said ears to the said side walls of the cabinet.

2,066,019
VEHICLE CHASSIS FRAME
William Swallow, Headington, Oxford, England, assignor to The Pressed Steel Company of Great Britain Limited, Cowley, Oxford, England, a British company
Application August 4, 1934, Serial No. 738,285
In Great Britain August 25, 1933
8 Claims. (Cl. 280—106)



1. A chassis frame for vehicles comprising a main framework including longitudinal side sill members reinforced by an X-frame, and outrigger extensions including forward lineal extensions of said X-frame extending outwardly of the sill members directly from the juncture of the arms of the X-frame with the sill members, said outrigger extensions forming with the forward ends of the sill members triangulated structures in plan.

2,066,020
SOOT BLOWER
Willis P. Thomas, Highland Park, Mich., assignor to Diamond Power Specialty Corporation, Detroit, Mich., a corporation of Michigan
Application November 21, 1932, Serial No. 643,762
4 Claims. (Cl. 122—392)



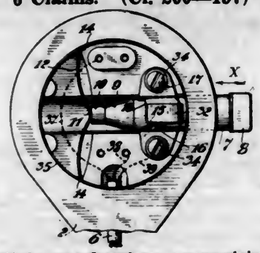
1. In a soot blower, in combination, a steam pipe, a water conduit in thermal communication with said steam pipe, said conduit extending serially along one side of said pipe and back along another side of said pipe outside of said pipe, a bearing for said pipe and conduit, and means for rotating said pipe within said bearing, said steam pipe being provided with means for discharging steam onto adjacent parts to be cleaned of soot.

2,066,021
INSTRUMENT PANEL
John Tjaarda, Birmingham, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan
Original application November 8, 1933, Serial No. 697,115. Divided and this application October 23, 1935, Serial No. 46,295
12 Claims. (Cl. 180—90)



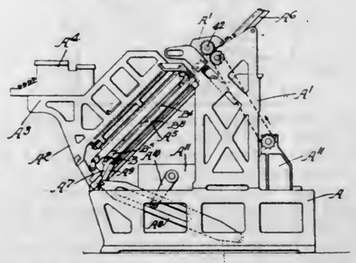
12. In an automobile body, a sheet metal transverse interior finish panel at the front end of the body having a well formed therein providing integrally formed hand grip means at its upper edge.

2,066,022
THUMB SWITCH
William T. Weidenman, Baldwin, N. Y., assignor to Telephonics Corporation, New York, N. Y., a corporation of New York
Application May 16, 1934, Serial No. 725,896
6 Claims. (Cl. 200—157)



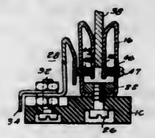
1. A switch mechanism comprising: a leaf spring so shaped that its edge forms substantially a "Witch of Agnes" geometrical curve, such curve having a hump and two branches that droop symmetrically on opposite sides of the hump; a movable plunger engaging the hump portion of the spring and operative to depress the same; and switching contacts actuated by the plunger.

2,066,023
ALIGNING MECHANISM
George Herbert White, Hartford, Conn., assignor to Chester A. Macomic, Chicago, Ill.
Application April 17, 1935, Serial No. 16,841
10 Claims. (Cl. 199—6)



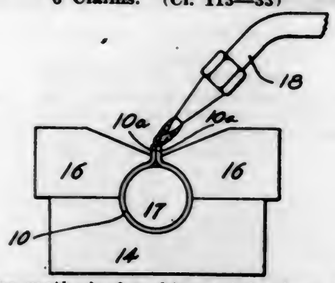
1. In combination a plurality of elongated transversely serrated members, means for moving them longitudinally and means for arresting each of them separately in selected position, and means associated with said serrations and independent of the arresting means for aligning them, said means comprising a plurality of aligning bars adapted to engage opposed sides of a single serration, means for bringing one aligning bar into opposition with one side of a serration, means for subsequently bringing the other aligning bar into opposition with the opposed side of the serration and means for then drawing said aligning bars together to grip the serrations and align them.

2,066,024
CIRCUIT CLOSING DEVICE
George J. Winter, Kearny, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 11, 1935, Serial No. 1,268
4 Claims. (Cl. 200—2)



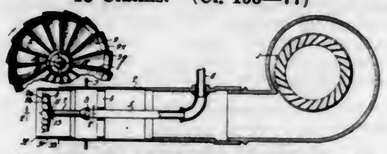
1. A terminal jaw, for an electric circuit, of the type adapted to receive a contact blade comprising a resilient strip substantially of U-shape having the free ends of the legs thereof return-bent toward each other and spaced less than the thickness of a contact blade so that said ends will be displaced by the blade when it is inserted therebetween, a terminal strip of resilient material biased to engage one of the legs of the jaw, and means secured adjacent to the free end of said leg extending loosely through the leg in engagement with said terminal strip whereby movement of said free end caused by insertion of the contact blade moves the terminal strip out of engagement with the jaw.

2,066,025
METHOD OF MAKING A METAL TUBE
John A. Zublin and Charles W. Hitt, Los Angeles, Calif.; said Hitt assignor to said Zublin
Application July 24, 1935, Serial No. 32,908
6 Claims. (Cl. 113—33)



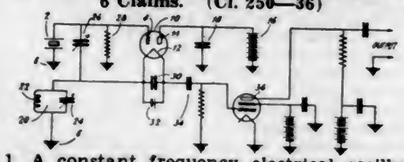
6. The method of making a tube from a thin metal sheet of insufficient thickness to permit welding by a flame applied to the face of the sheet, that includes shaping the metal sheet to form a tube wall, bringing into contact longitudinally extending flange portions of the wall projecting outwardly away from the wall, melting down and welding together said contacting flange portions by a flame applied to the edge of the sheet to form a welded seam extending lengthwise of the tube, and at the same time protecting the tube portion from contact with the welding flame.

2,066,026
OIL BURNER
Edward O. Benjamin, North Caldwell, N. J.
Application November 7, 1933, Serial No. 696,930
13 Claims. (Cl. 158—77)



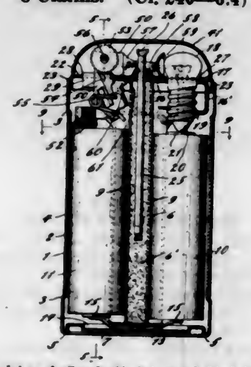
1. An oil burner including a blower and conduit for projecting a blast of air, a motor-sprayer windwheel in said conduit, near the discharge end thereof, driven by and rotating about an axis substantially parallel with the air blast, said motor-sprayer embodying a hub portion, rim portion, and intermediate propeller-like blades, and means for supplying liquid fuel upon the rear, blast-driven surfaces of said motor-sprayer.

2,066,027
CONSTANT FREQUENCY GENERATOR
Arthur M. Braaten, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application April 18, 1933, Serial No. 666,680
6 Claims. (Cl. 250—36)



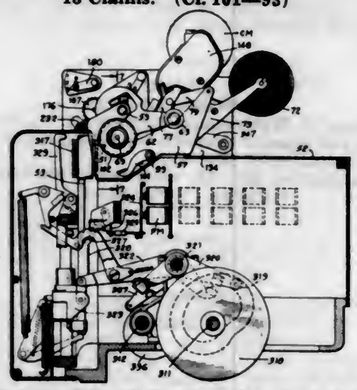
1. A constant frequency electrical oscillation generator comprising the combination of an electron discharge device having within a hermetically sealed container an anode, a cathode, and a control electrode, a frequency controlling and determining element connected between two of said electrodes for stabilizing the frequency of oscillations generated by said device, means for maintaining said anode electrode at ground radio-frequency potential, an impedance connected between said cathode and ground acting to cause said cathode to fluctuate in potential at a frequency corresponding to the frequency of vibration of said electromechanical vibrator, and an output circuit connected with said impedance.

2,066,028
COMBINED FLASHLIGHT AND LIGHTER
Otto C. Britsch, Woodhaven, N. Y., assignor to Henry Hyman, Brooklyn, N. Y.
Application February 20, 1932, Serial No. 594,215
8 Claims. (Cl. 240—6.4)



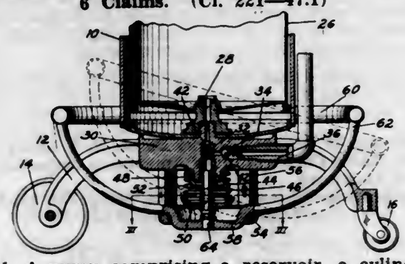
1. A combined flash light and lighter comprising a casing, a fuel container and a battery in said casing, and a cover which upon being closed opens the circuit to said light and extinguishes the light of said lighter.

2,066,029
RECORDING AND RECORD FEEDING DEVICE
Fred M. Carroll, Binghamton, N. Y., and John H. Bakelaar, Paterson, N. J., assignors to International Business Machines Corporation, New York, N. Y., a corporation of New York
Original application March 3, 1933, Serial No. 659,442. Divided and this application January 16, 1934, Serial No. 706,810
18 Claims. (Cl. 101—93)



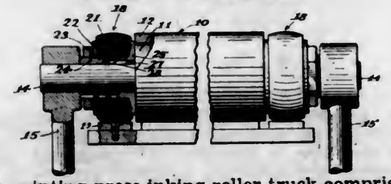
1. In a machine of the class described, a driving means, a line space cam, a pawl for connecting said cam with said driving means, a line space control magnet, means under control of said magnet for operating said pawl, mechanism for feeding a record sheet, a lever operated by said cam, a link connecting said lever and said mechanism, means for setting up items, means under control of said item setting means for printing on said sheet, and means under control of said item setting means for energizing said line space control magnet.

2,066,030
LUBRICATING DEVICE
Otto B. Clark, Chicago, Ill., assignor to The Lubrication Corporation, Chicago, Ill., a corporation of Delaware
Application March 22, 1935, Serial No. 12,401
6 Claims. (Cl. 221—47.1)



1. A pump comprising a reservoir, a cylinder rigidly secured at one end thereof in communication therewith, a piston in the cylinder, and operating means for the piston including an annular portion encircling the reservoir and operable from any point to move the piston.

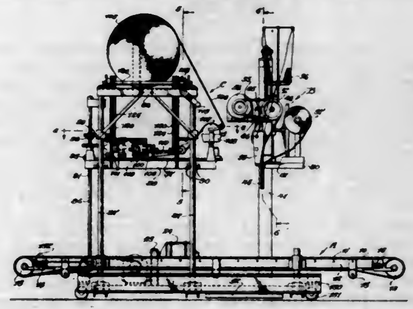
2,066,031
ADJUSTING MEANS FOR PRINTING PRESS ROLLERS
Park W. Cowan, Los Angeles, Calif.
Application February 23, 1935, Serial No. 7,784
1 Claim. (Cl. 101—348)



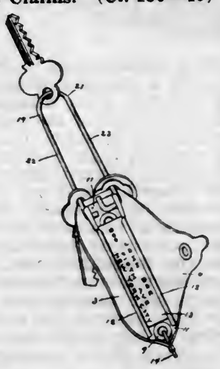
A printing press inking roller truck comprising a supporting member including an externally screw threaded sleeve and a flange having a tapered face terminating in an annular shoulder, a collar having a tapered face terminating in an annular shoulder slidably mounted on the sleeve of said supporting member and rotatable therewith, an annular rubber tire mounted on the sleeve of the supporting member, and a nut threaded on the sleeve for expanding said tire, the annular shoulders on said flange and collar gripping and preventing the tire from working over the same when expanded, there being a plurality of radially disposed lugs formed on the faces of said collar and nut.

2,066,032
BAG CLOSING MACHINE
Robert N. Cundall, Lackawanna, and Lincoln A. Cundall, Buffalo, N. Y., assignors to Bagpak, Inc., a corporation of Delaware
Application December 17, 1934, Serial No. 757,772
2 Claims. (Cl. 112—11)

1. In a bag closing and sealing machine having closing mechanism for closing the collapsed mouths of filled bags, sealing mechanism for adhering a strip of sealing material around the closed mouths and a conveyor for presenting the bags in succession to said mechanisms; a common control therefor comprising a foot-bar, a shaft connected to and rocked by said foot-bar, a common motor for driving said sealing mechanism and said conveyor, a clutch for connecting said motor to said sealing mechanism and said conveyor for simultaneous operation, a second motor for driving said closing mechanism, a second clutch for connecting said closing mechanism to said second motor, a linkage extending from said shaft to said first clutch to cause engagement thereof upon partial depression of said foot-bar, and a second linkage including a lost motion connection extending from said shaft to said second clutch to cause engagement thereof upon continued depression of said foot-bar, said lost motion connection permitting engagement of said first clutch without engagement of said second clutch whereby said conveyor may operate simultaneously with said sealing mechanism alone or simultaneously with both of said mechanisms.

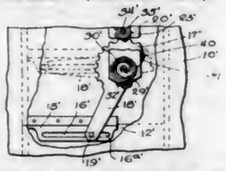


2,066,033
KEY CASE
Charles H. Dahlgren, West New York, N. J.
Application January 15, 1932, Serial No. 586,738
2 Claims. (Cl. 150—40)



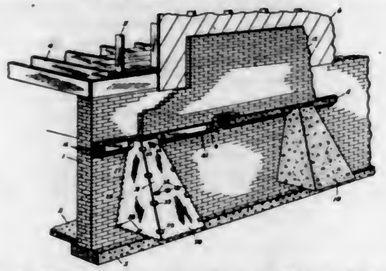
1. In a key case, in combination, a flexible cover, a plate secured along the longitudinal center of said cover, a key holder pivotally secured to said plate and adapted to hold a plurality of keys and permit movement of a selected key a substantial distance away from the remaining keys, opposed edges of said plate being flanged in reverse directions to form a pivot for said holder and to support a name card.

2,066,034
WINDOW REGULATOR
Franklin Y. Gates, Salt Lake City, Utah
Application April 13, 1936, Serial No. 74,193
4 Claims. (Cl. 268—126)



1. In a regulator for opening and closing a vehicle window in downstrokes and upstrokes, respectively, a motive mechanism comprising a pivoted lever connected to the window at the free end of said lever, a coiled spring at the pivotal axis of the lever, said spring functioning to store energy during the upstroke of the window and to impart rapid motion to said lever and therewith to said window during substantially the entire downstroke, the connecting means between said lever and said window being such as to effect simultaneous halting and cushioning of said window substantially instantaneously at the termination of its downstroke, and releasable means for maintaining the window in its raised position.

2,066,035
STRUCTURE OF VENEERED BUILDINGS
Fred C. Gordon, Detroit, Mich.
Application May 16, 1935, Serial No. 21,702
2 Claims. (Cl. 72—0.5)



1. In building construction, a frame building structure having a masonry foundation wall, a plurality of concrete piers disposed at spaced points along the outside of the wall and poured directly against the masonry foundation wall, a reinforced concrete beam carried by the piers and poured directly against the masonry wall, and masonry veneering laid on the beam and covering the side of the frame structure, said piers each having a relatively broad base with opposite sides converging upward and with the side opposite the foundation wall slanting upwardly toward the masonry foundation wall, and with the fourth side substantially vertical and substantially flush against the foundation wall, the piers being of less depth below the ground line than the depth of the masonry wall below the ground line.

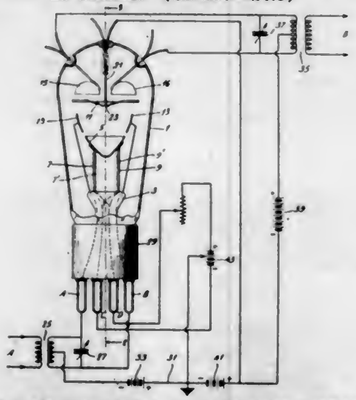
2,066,036
METAL RAKE
Chester Greenwood, Farmington, Maine
Application February 2, 1935, Serial No. 4,676
9 Claims. (Cl. 55—114)

5. A metal rake comprising a tooth-supporting structure including a pair of transverse plates positioned in superposed relation, resilient flat metal teeth having their shanks located between said plates, and tooth-spacing and clamping means located between said teeth and engaged with both plates and serving to clamp them upon



said teeth, said clamping means comprising separate clips a separate one of which is disposed between each two adjacent teeth, said clips traversing one of said plates and having its ends reflexed against the face of the other plate.

2,066,037
ELECTRON TUBE
Clarence W. Hansell, Rocky Point, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application September 13, 1934, Serial No. 743,813
15 Claims. (Cl. 250—27.5)

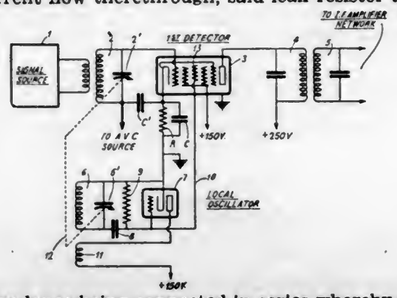


1. An electron tube comprising an evacuated envelope, an electron emitting element within the envelope, a plurality of cup-shaped anode members symmetrically arranged relative to the emitting element and a pair of deflecting elements intermediate the emitting element and the anodes.

2,066,038
CONVERTER CIRCUIT
Edward W. Herold, Verona, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application August 10, 1935, Serial No. 35,593
3 Claims. (Cl. 250—20)

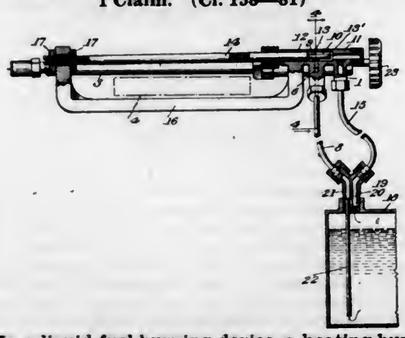
1. In combination, in a frequency changer network, a mixer tube of the type including a cathode, a signal grid, a plate, an oscillation grid, and means for electrostatically screening the signal grid from the oscillation grid, a local oscillator network including a tube having at least a cathode, control grid and plate, the oscillator plate being regeneratively coupled to the input circuit of the oscillator tube to provide local oscillations, a grid leak resistor connected between the control grid and cathode of the oscillator tube, a direct current connection between the oscillation grid of the mixer tube and the oscillator tube control grid, an impedance in the cathode circuit

of said mixer tube for developing a predetermined direct current voltage thereacross from the space current flow therethrough, said leak resistor and



impedance being connected in series whereby the bias on said oscillation grid is the sum of said voltage and the direct voltage drop across the leak resistor.

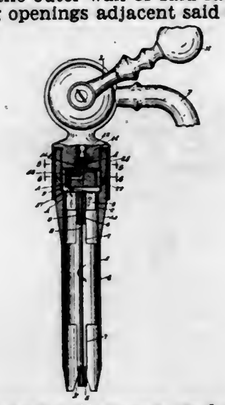
2,066,039
LIQUID FUEL BURNING APPARATUS
George F. Hodges and Fernando B. Cota, San Ysidro, Calif.
Application June 19, 1933, Serial No. 676,554
1 Claim. (Cl. 158—81)



In a liquid fuel burning device, a heating burner substantially horizontally disposed, a vapor generator therefor substantially horizontally disposed over said burner so as to be heated by the flame thereof, means for supplying liquid fuel under pressure to said generator, including a body having a mixing chamber therein, means for supplying air under pressure to said mixing chamber, a valve for controlling air flow into said chamber, a thermostatic element, one end of which is movable relative to said body, said element being substantially horizontally disposed over the burner so as to be heated by the flame thereof, said element being arranged to close said valve when heated to a predetermined temperature, and a supporting frame rigid with said body but extending beneath the burner so as to be out of the heat zone thereof, said frame having the other end of said element fixed thereto for support.

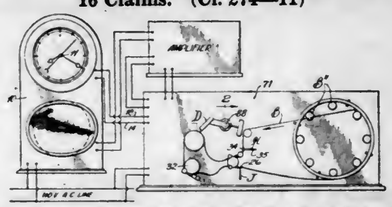
2,066,040
SODA FOUNTAIN ATTACHMENT
Charles L. Kee, Portsmouth, Va.
Application July 25, 1935, Serial No. 32,979
4 Claims. (Cl. 225—27)

4. In combination, a soda fountain faucet, having a central outlet passage and also having supplemental outlet passages which are laterally spaced from said central outlet passage, a nipple having a boss which is connected to the wall of said central outlet passage, the body of said nipple being below and being aligned with said supplemental outlet passages, said nipple having a bore which communicates with said central outlet passage and with the bottom wall of said nipple, the outlet branch of the bore of the nipple being inclined to the vertical axis of the central outlet passage, a casing having its upper end connected to the outer wall of said faucet, said casing having openings adjacent said nipple, a skirt



clamped between the upper end of said casing and the adjacent wall of said faucet; said casing having a sleeve which fits frictionally within a portion of said casing, said sleeve having a rotor connected thereto, said rotor having vertical blades which are located below the outlet branch of the bore of the nipple, a shaft connected to said rotor, a stirrer connected to said shaft, said stirrer being located within and adjacent the lower end of the casing, the casing having openings adjacent said stirrer.

2,066,041
SOUND REPRODUCING APPARATUS
John Ripley Kiel, Chicago, Ill.
Application August 14, 1933, Serial No. 685,145
16 Claims. (Cl. 274—11)

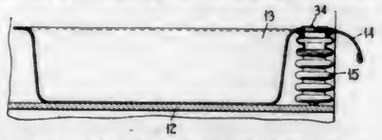


1. In mechanism of the class described, a continuous strip, a series of sound record tracks on the strip, means for propelling the strip, means for picking up and amplifying the sound from the strip, means for shifting the pick-up means from one track to the next adjacent track of the series, and means for returning the pick-up means from the end of the last track to the beginning of the first track.

2,066,042
SELF-FREEING ICE TRAY
Donald Branch Knight, Brooklyn, N. Y., assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware
Application April 16, 1931, Serial No. 530,501
21 Claims. (Cl. 62—108.5)

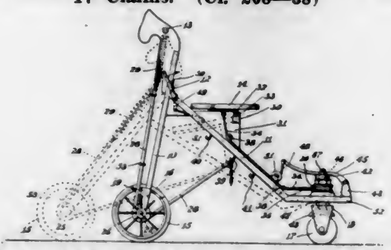
1. In combination with an ice tray, an expansi-

ble member containing a substance which expands upon freezing for breaking the tray en-



tirely free from a supporting shelf after the major portion of the substance in the tray has been frozen.

2,066,043
VEHICLE
Richard Laborda, Brooklyn, N. Y.
Application June 14, 1935, Serial No. 26,543
17 Claims. (Cl. 208—38)



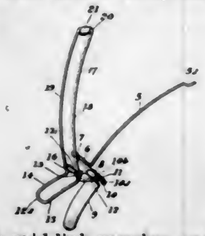
1. A vehicle embodying therein a frame having front and rear members, means connecting said rear member intermediate the ends of said front member and permitting relative pivotal movement of said members about a horizontal axis, a handle bar adjacent the top, and footholds adjacent the bottom, of said front member and upon opposite sides of the means connecting said members, a driving wheel carried by one of said members, a steering wheel carried by the other of said members, a drum, a one-way clutch mechanism between said drum and said driving wheel, and a flexible member embodying therein an expansible section passing about and engaging said drum, the opposite ends of said flexible member being connected with said frame, whereby pivotal movement of said members in one direction imparts turning movement to said drum and said driving wheel and tensions said expansible section, and said wheel may continue to turn during a return pivotal movement of said members.

2,066,044
LUMINESCENT MATERIAL
Humboldt W. Leverenz, Collingswood, N. J., assignor to Radio Corporation of America, New York, N. Y., a corporation of Delaware
No Drawing. Application August 30, 1932, Serial No. 631,027
8 Claims. (Cl. 250—34)

1. A metallic orthogermanate activated by a metal which gives to the combination the characteristic of becoming luminescent upon excitation thereof.

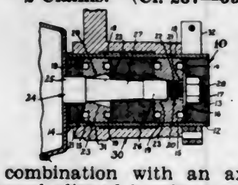
2,066,045
DEEP HAIR WAVING DEVICE
Holger Lingard, New York, N. Y.
Application April 3, 1934, Serial No. 718,747
3 Claims. (Cl. 132—41)

1. A hair waving device consisting of an eloncated frame comprising side bars and connecting end bars providing a hair receiving space between said side bars, a lever member pivotally connected to one of said end bars and provided with an inwardly extending portion, a link member pivotally connecting with said inwardly extending portion, and a compressor frame con-



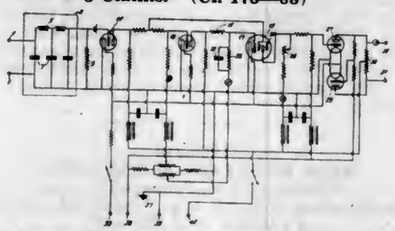
necting with said link member and having a terminal adapted to have latching engagement with the frame, whereby said compressor member will be arched between the side bars of said frame member when the link and lever members are moved toward each other.

2,066,046
AUXILIARY HUB DEVICE
John A. Luke, Whittier, Calif.
Application January 26, 1935, Serial No. 3,587
2 Claims. (Cl. 287—53)



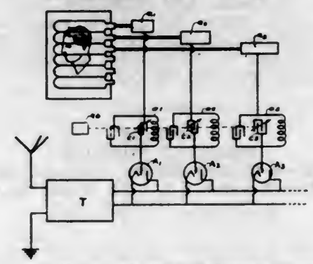
2. The combination with an axle having a pair of spaced aligned bearing portions thereon and having its outer end terminating in an externally threaded portion, of an auxiliary hub device, said device including a sleeve member internally threaded, a pair of spaced collars positioned in said sleeve, said collars each having a tapered aperture therethrough, each of said collars being disposed on one of said bearing portions, a washer about said threaded portion of said axle, and a nut on said threaded portion engaging said washer and adjustably retaining said auxiliary hub device on said axle.

2,066,047
RECEIVING SYSTEM
Richard E. Mathes, Westfield, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application August 6, 1932, Serial No. 627,689
8 Claims. (Cl. 178—88)



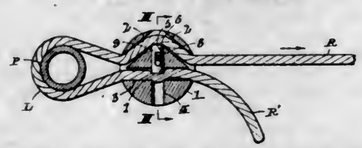
1. A signalling system including an input circuit, an output circuit and a multi-electrode thermionic device coupling the input and output circuits, means for supplying signals appearing in the input circuit directly upon one of the plurality of cold electrodes of the thermionic tube, polarity reversing means connected in parallel with said first named means, integrating means connected to said polarity reversing means, and means connecting a second one of the plurality of cold electrodes to the integrating means and the polarity reversing means, whereby constant amplitude output energy from the thermionic device irrespective of the intensity fluctuation in the input signals is maintained.

2,066,048
TELEVISION SYSTEM
Alexander Nyman, Dobbs Ferry, N. Y., assignor, by mesne assignments, to Radio Corporation of America, a corporation of Delaware
Application September 24, 1931, Serial No. 564,778
10 Claims. (Cl. 178—6)



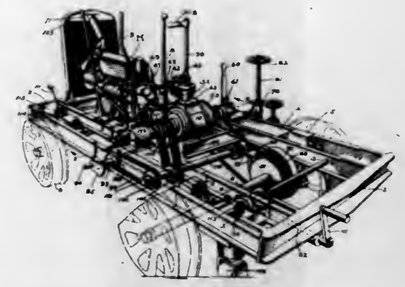
1. The method of transmitting pictures by means of electric current comprising subdividing the object to be transmitted into sections, scanning all of said sections simultaneously, transmitting electric signals by means of separate frequencies for each section simultaneously amplitude modulated in accordance with the optical characteristics of successive elementary areas of the respective sections and cyclically variable in frequency and in overlapping staggered phase relationship with regard to the cyclically variable scanning frequency of the other sections, controlling the progress of scanning in accordance with the frequency variation, and receiving said signals on separate sections individually responsive to only one of said variable frequencies.

2,066,049
ADJUSTABLE CLAMP DEVICE FOR ROPE AND THE LIKE
George C. Passek, Hellertown, Pa.
Application December 12, 1935, Serial No. 54,030
11 Claims. (Cl. 24—136)



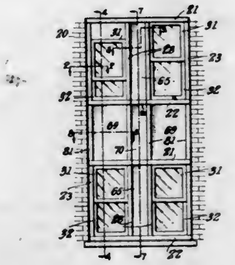
1. An adjusting device for rope and the like operative in the manner described, comprising an integrally-formed block with spaced uni-directional passages therethrough respectively for the rope and a loop retroversion thereof; and a clamp element in the form of a pin free to slide endwise in a crosswise guideway within the block, said pin having a rounded end projecting into the rope passage so as to be engaged by the rope, and a roughened end adapted to penetrate the retroversion of the rope in the other passage.

2,066,050
CHANGE SPEED MECHANISM
Henry J. Perazzoli, Philadelphia, Pa.
Original application April 22, 1933, Serial No. 667,448. Divided and this application August 22, 1933, Serial No. 686,312
2 Claims. (Cl. 192—3.5)



1. In a machine, the combination with a motor including a variable speed transmission and a clutch operatively associated therewith, of a driving gear driven thereby, a transverse shaft adjacent said driving gear, a sleeve slidably mounted on said transverse shaft and arranged for rotation therewith, spaced gears secured to said sleeve and arranged for selective engagement with the driving gear, means intermediate said gears slidably engaging the sleeve, eccentric means engaging the last mentioned means, means eccentrically engaging said eccentric means to actuate the same and the sleeve whereby one of the gears may be meshed with the driving gear, and cam controlled means operatively associated with the actuating means to disengage the clutch during operation of said actuating means.

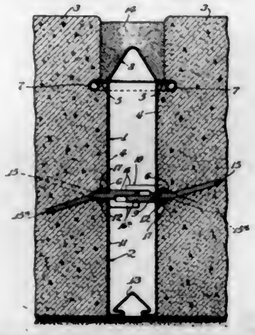
2,066,051
WINDOW STRUCTURE
Charles L. Pettit, Bronxville, N. Y.
Application April 9, 1931, Serial No. 528,757
24 Claims. (Cl. 189—72)



1. A window structure, comprising window frames constructed as separate units, means for connecting the same together in horizontal relation and spandrels connecting vertically spaced window frames in vertically continuous panels of windows.

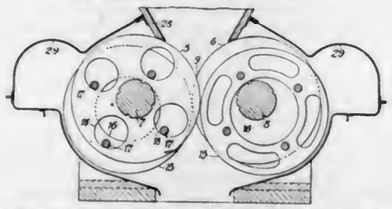
17. In a window frame construction, a slidable sash in said frame, a parting stop mounted on said frame, and inter-engaging flanges on said sash and parting stop for providing a weather-tight seal.

2,066,052
EXPANSION JOINT
Francis J. Plym, Niles, Mich., assignor to The Kawneer Company, Niles, Mich., a corporation of Michigan
Application June 25, 1934, Serial No. 732,192
7 Claims. (Cl. 94—18)



1. An expansion joint for connecting normally spaced slabs or blocks of surfacing material subject to expansion and contraction, comprising spaced members flexibly connected at their upper and lower ends, and a transversely extending plate connected to each section and provided at its one end with oppositely projecting tongues adapted to be embedded in the material of the adjoining slab and at its other end provided with alternate projections adapted to contactingly engage with complementary projections on the adjacent plate whereby to maintain said sections in a proper alignment.

2,066,053
APPARATUS FOR CUTTING TOBACCO AND THE LIKE
Arthur Podmore, London, England, assignor to American Machine & Foundry Company, New York, N. Y., a corporation of New Jersey
Application February 26, 1935, Serial No. 8,283
In Great Britain March 6, 1934
3 Claims. (Cl. 146—122)

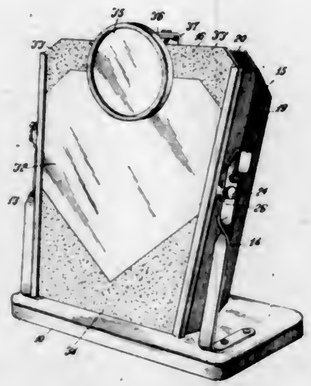


1. Apparatus for cutting or shredding tobacco or the like, comprising rotary intermeshing disc cutters mounted upon parallel shafts, cleaning elements located between the cutter discs, and means for rotating the cleaning elements about axes eccentric to the axes of the cutters at substantially the same speed as the cutters, said means including two or more members supporting said cleaning elements and rotating bodily in a predetermined path about a fixed axis eccentric to the cutter axes, one of said shafts lying within said path, said means including two or more members supporting said cleaning elements and rotating bodily in a predetermined path about a fixed axis eccentric to the cutter axes, one of said shafts lying within said path.

2,066,054
SURFACE ALLOYED CASTING
William J. Priestley, New Rochelle, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
No Drawing. Application January 20, 1934, Serial No. 707,503
2 Claims. (Cl. 22—203)

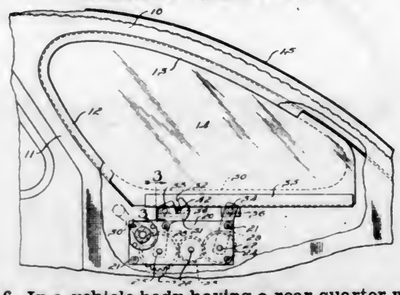
1. Method of producing a copper base metal casting having high thermal and electrical conductivity and improved resistance to wear, corrosion, and oxidation at high temperatures, which method comprises casting a copper base metal having high thermal and electrical conductivity in a mold lined with finely divided coating and surface alloying metal having the following composition: 20% to 40% copper which promotes the formation of a strong bond with the base metal, 40% to 12% chromium which imparts resistance to wear, corrosion, and oxidation, 10% to 30% silicon which makes the coating metal homogeneous when molten, and the remainder iron and carbon present in substantial amounts not exceeding 30% iron and 5% carbon.

2,066,055
MAKE-UP MIRROR
Oliver C. Ritz-Wolter, Chicago, Ill.
Application November 9, 1934, Serial No. 752,196
3 Claims. (Cl. 240—4.2)



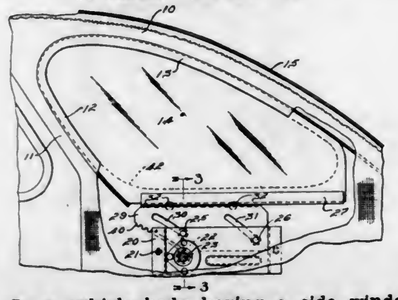
1. In a make-up mirror, the combination of a housing comprising a housing member formed of sheet metal bent into the form of a forwardly open channel with its side walls diverging forwardly from the back wall and having the metal bent in reversed directions at each side for providing inwardly open grooves along the front edges of the side walls, and a sheet of glass mounted in said grooves; a transversely adjustable tie member connecting the forward edge portions of said side walls for forcing them against the resiliency of the sheet metal into tight gripping engagement with the side edges of the glass; means for supporting an electric light globe in said housing in rear of said sheet of glass; and reflector means at a portion of the rear face of the glass for providing a mirror effect, the remaining portions of the glass alongside of the mirror portion being such as to give a frosted glass effect for softening the light diffused therethrough.

2,066,056
WINDOW REGULATOR
John H. Roethel, Detroit, Mich.
Application July 25, 1934, Serial No. 736,807
6 Claims. (Cl. 296—44)



6. In a vehicle body having a rear quarter window opening, a window glass mounted therein, and regulator means connected at spaced points to an edge of the glass for moving said glass downwardly and at the same time tilting the glass rearwardly to produce a ventilating slot at the forward edge of the glass.

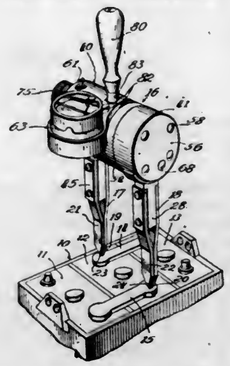
2,066,057
WINDOW REGULATOR
John H. Roethel, Detroit, Mich.
Application December 31, 1934, Serial No. 759,869
15 Claims. (Cl. 296—44)



1. In a vehicle body having a side window opening, a window glass mounted therein, an arcuate glass receiving channel member adjacent the top edge thereof and adapted to receive the upper edge portion of the window glass, regulator means for swinging said window rearwardly and downwardly while maintaining the upper edge in said arcuate glass receiving channel member thereby to provide a ventilating slot adjacent the forward edge of the glass, said regulator means comprising a pair of connected plates, one of said plates being secured to the vehicle body and the other of said plates being connected with the window glass and slidable relative to the plate secured to the vehicle body, and cooperating means carried by said plates for sliding the slidable plate simultaneously in its horizontal and vertical planes.

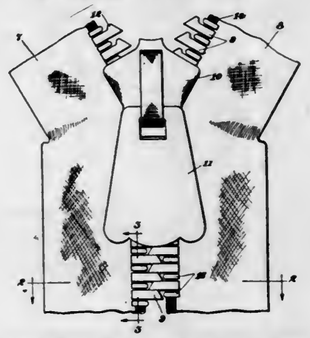
2,066,058
BATTERY TESTER
Ray Simpson, River Forest, Ill.
Application November 23, 1934, Serial No. 754,413
5 Claims. (Cl. 175—183)

1. In a battery tester, the combination of a supporting body adapted to house a plurality of carbon discs with a pressure plate and a screw for actuating said pressure plate, said plate engaging said discs, a pair of current-carrying prongs in connection with said discs for conducting current to said discs, current-measuring means for indicating the current carried by said prongs, an electrical multiplying resistance,



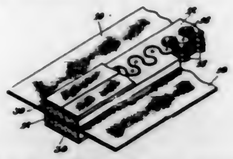
switching means for controlling the connection of said resistance in the circuit, said current-measuring means also having a voltage dial for indicating the full load voltage, said body comprising a pair of metallic housing parts separated by an insulating partition, and said current-carrying prongs being in conducting relation with said housing parts.

2,066,059
SEPARABLE FASTENER
Gideon Sundback, Meadville, Pa., assignor to Hookless Fastener Company, Meadville, Pa., a corporation of Pennsylvania
Application July 15, 1933, Serial No. 680,574
3 Claims. (Cl. 24—205)



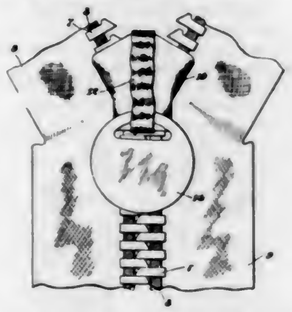
2. A separable interlocking fastener of the class described, comprising a pair of flexible supports with beaded edges, cooperating series of fastener elements in uniformly spaced relation on said beaded edges, each of said elements having means in themselves cooperating with the beaded edge to prevent the elements from moving laterally with respect to the beaded edge but being free to move longitudinally thereon except when limited by means extraneous to the elements, and locating members in the spaces between the fastener elements anchored firmly to the beaded edges so as to limit the shifting of the fastener elements longitudinally of the support.

2,066,060
SEPARABLE INTERLOCKING FASTENER
Harry E. Sipe, New York, N. Y., assignor to Hookless Fastener Company, a corporation of Pennsylvania
Application September 1, 1933, Serial No. 687,796
9 Claims. (Cl. 24—205)



1. A separable interlocking fastener of the class described comprising a pair of interlocking member strips of flexible material, said strips having projections integral therewith along their adjacent edges and recesses between the projections of the same size and shape as said projections, the projections on one strip being adapted to fit into the recesses on the opposite strip and interlock therewith to prevent lateral separation, and wherein means are included for preventing transverse separation of said projections and recesses.

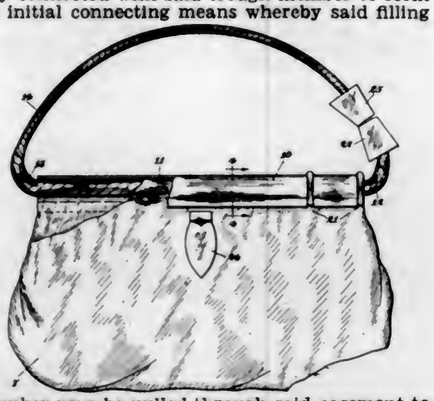
2,066,061
SLIDER FOR SLIDE FASTENERS
Gideon Sundback, Meadville, Pa., assignor to Hookless Fastener Company, Meadville, Pa., a corporation of Pennsylvania
Application October 31, 1933, Serial No. 696,055
6 Claims. (Cl. 24—205)



3. A slider for slide fasteners comprising a channeled body member made of non-metallic material, and a flexible fabric strip adhesively secured to said channeled body member.

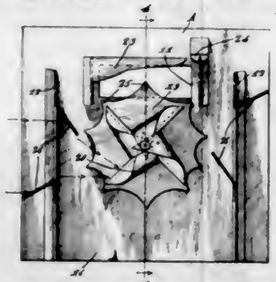
2,066,062
SEPARABLE FASTENER
Sverre Quisling, Madison, Wis., assignor to Hookless Fastener Company, Meadville, Pa., a corporation of Pennsylvania
Application January 12, 1934, Serial No. 706,386
4 Claims. (Cl. 150—3)

1. A fastening device of the character set forth comprising a rigid trough member having a mouth extending throughout the length thereof narrower than the trough passage, a hollow flexible casement member adapted to pass through said mouth into the trough passage, a slidably mounted filling member within said hollow casement, said hollow casement having a rigid tubular section adjacent one end adapted to be manually connected with said trough member to form an initial connecting means whereby said filling



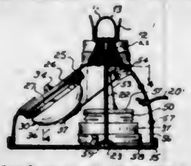
member may be pulled through said casement to lock the same in said trough member.

2,066,063
AIR DRIVEN DISPLAY
Bruce L. Walker, Oklahoma City, Okla.
Application February 10, 1936, Serial No. 63,226
2 Claims. (Cl. 40—125)



1. A device of the character described comprising an easel, a rotatable pattern fitted with the easel and rendered visible, an arbor for said pattern, a pin wheel for driving said pattern and carried by said arbor, air current deflector wings arranged on said easel and related with said pin wheel at opposite sides thereof, means for fitting the arbor with the pattern and said easel, and supports for the easel and having the deflector wings formed therewith.

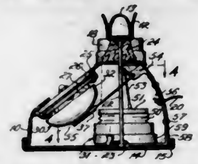
2,066,064
TOY TELEPHONE
Harry Bregman, Lorain, Ohio, assignor to The Steel Stamping Company, Lorain, Ohio, a corporation of Ohio
Application May 16, 1935, Serial No. 21,720
18 Claims. (Cl. 46—33)



1. A toy telephone of the dial type having a rotatable dial, a plurality of signaling devices cooperatively disposed relative to the dial, and

operative connections between said dial and signaling devices arranged to cause operation of one signal device in response to rotation of the dial in one direction and operation of another signal device in response to rotation of the dial in the opposite direction.

2,066,065
TOY TELEPHONE
Harry Bregman, Lorain, Ohio, assignor to The Steel Stamping Company, Lorain, Ohio, a corporation of Ohio
Application April 29, 1936, Serial No. 77,006
4 Claims. (Cl. 46—33)



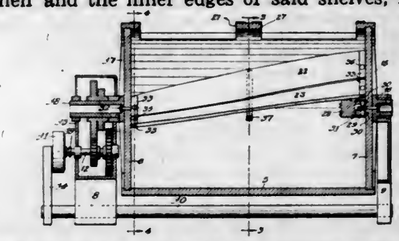
1. In a toy telephone the combination of a base having a bell device and a pneumatic device thereon, a rotary actuating member movable manually in one direction, a spring adapted to move the actuating member in the opposite direction, means operably connecting the pneumatic device with said actuating member, and a ratchet mechanism operably connecting said actuating member and said bell device, said ratchet mechanism having elements cooperating to cause sounding of the bell device only during movement of the actuating member in said opposite direction.

2,066,066
PIGMENT MANUFACTURE
Arthur Minard Brooks and Harold Robert Rafton, Andover, Mass., assignors to Raffold Process Corporation, a corporation of Massachusetts
No Drawing. Application August 10, 1933, Serial No. 684,604
27 Claims. (Cl. 134—58)

1. In the manufacture of pigment conjointly with alkali metal hydroxide by the reaction of previously slaked lime containing magnesia with a causticizable alkali metal salt in the presence of water, the improvement which consists in producing the pigment in the form of slow settling particles of very fine size in conjunction with alkali metal hydroxide in the presence of water by a modification of the causticizing operation comprising reacting upon said causticizable salt with said previously slaked lime containing magnesia at a temperature up to and not exceeding 70° C., and maintaining the reaction mix at a temperature up to and not exceeding 70° C. during at least a substantial part of the reaction.

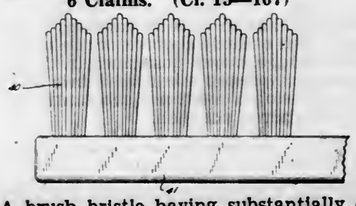
2,066,067
COMBINATION CHURN AND BUTTER WORKER
Frank G. Clark, Minneapolis, Minn., assignor to Crane Company of Minnesota, St. Paul, Minn., a corporation of Minnesota
Application July 17, 1935, Serial No. 31,811
9 Claims. (Cl. 259—81)

1. A combined churn and butter worker comprising, a cylindrical body, means supporting said body for rotation about its axis and with its axis disposed horizontally, a single pair of shelves extending spirally, substantially from end to end of said body within the same, the hand or pitch of one of said shelves being in the reverse direction from that of the other shelf and the inner edges of said shelves, from



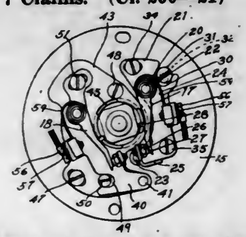
end to end, being spaced substantially uniformly from the axis of said body, and means for rotating said body at speeds suitable for churning and for working butter therein.

2,066,068
BRUSH
Hereward Lester Cooke, Princeton, N. J.
Original application March 2, 1934, Serial No. 713,669. Divided and this application January 4, 1935, Serial No. 383
6 Claims. (Cl. 15—167)



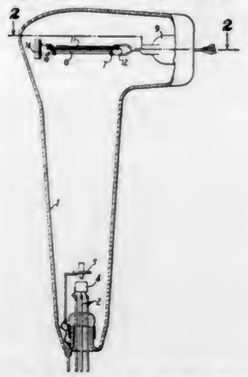
1. A brush bristle having substantially cylindrical side walls extending to the tip thereof and a smooth rounded tip of substantially hemispherical shape.

2,066,069
IGNITION TIMING DEVICE
Louis B. Ehrlich, Toledo, Ohio, assignor to The Electric Auto-Lite Company, Toledo, Ohio, a corporation of Ohio
Application March 20, 1930, Serial No. 437,373
7 Claims. (Cl. 200—21)



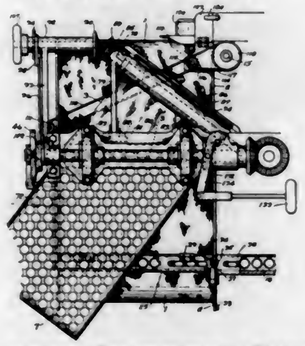
2. In a device of the character disclosed, the combination of a housing; a supporting plate in said housing; a cam in said housing; a bracket pivotally carried by said plate; a relatively stationary contact secured to said bracket; a breaker arm carrying a movable contact; a pin for pivotally supporting said breaker arm carried by said bracket, said breaker arm and bracket having separate pivotal axes out of alignment with each other; and means to move said bracket with the cooperating contacts relative to said cam for changing the effective opening of said contacts including an open ended slot formed on said bracket and a projection carried by said supporting plate and cooperating with said slot.

2,066,070
INCANDESCENT LIGHT SOURCE
Philo T. Farnsworth, San Francisco, Calif., and Harry S. Bamford, Philadelphia, Pa., assignors to Farnsworth Television Incorporated, San Francisco, Calif., a corporation of California
Application May 7, 1935, Serial No. 20,158
5 Claims. (Cl. 250—27.5)



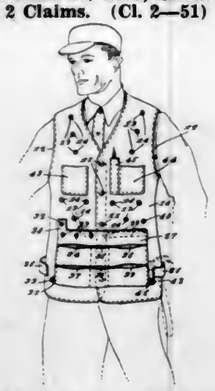
1. In combination with an envelope containing an anode and cathode cooperating to produce an electron beam, a target positioned in the path of said beam comprising a knitted fabric of refractory wire having a mesh not substantially larger than two hundred per inch.

2,066,071
BOTTLE CROWN ADHESIVE FEEDING DEVICE
Berthold Nagy, Ridgewood, N. Y.
Application January 31, 1935, Serial No. 4,269
23 Claims. (Cl. 113—80)



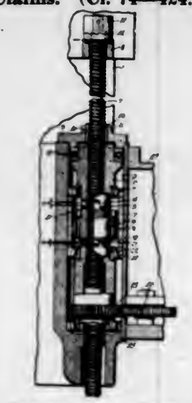
15. A machine for supplying adhesive discs to bottle crowns comprising a horizontal conveyer, means positioning the crowns across the head end of the conveyer, means releasing the crowns at regular intervals, a plurality of plungers positioned across the conveyer, a member having a plurality of openings corresponding with said plungers positioned below the plungers and adapted to receive said plungers, means for feeding a sheet of adhesive material positioned below the openings below the plungers with an intermittent motion, means retaining said crowns below the openings below the plungers, means operating said retaining means to release said crowns, and means feeding said crowns to a crown and disc assembling machine.

2,066,072
CARPENTER'S GARMENT
Victor Thomas Powell, Sacramento, Calif.
Application June 26, 1935, Serial No. 28,564
2 Claims. (Cl. 2—51)



1. A sleeveless garment of hip length opening at the front, a vertical line of fasteners for the open front of the garment extending from the hip to the neck of the garment, a flap extending transversely across in front of the abdominal part of the garment above the lower edge of the garment, pockets in the flap, said flap being fixedly secured at one end to the garment at one side of said line of fasteners, means removably securing the opposite end of the flap to the garment on the other side of said line of fasteners, said flap when so secured covering the lowermost fasteners, said flap being adapted to be folded back upon itself toward the secured end thereof to permit access to the lowermost fasteners of the line of fasteners, and means for fastening the flap in folded position on the garment.

2,066,073
SAFETY DEVICE FOR ELEVATING OR TRANSLATING MECHANISM
Albert E. Robinson, Cincinnati, Ohio, assignor to The American Tool Works Company, Cincinnati, Ohio, a corporation of Ohio
Application February 25, 1936, Serial No. 65,636
7 Claims. (Cl. 74—424.8)



1. A safety device of a character disclosed, comprising, two members, a screw secured to one, a dual nut journalled in the other and threaded on said screw, the elements of said dual nut extensively united for relative axial movement and unitary rotation, adapting the one to normally sustain a load while the second is relieved thereof and substitutes therefor in the event of thread failure of the first, and a drive gear coaxial with said dual nut and in coupling connection therewith when the elements thereof are in an extensible relation and uncoupled therefrom when the elements of the dual nut are brought to a compacted relation.

2,066,074
MANUFACTURE OF COMPOSITE TITANIUM PIGMENTS
Lonnie W. Ryan, Westfield, and Winfred Joseph Cauwenberg, Elizabeth, N. J., assignors to United Color & Pigment Company, Inc., Newark, N. J., a corporation of New Jersey
No Drawing. Application April 10, 1935, Serial No. 15,628
19 Claims. (Cl. 134—58)

1. The method of making a composite calcium sulphate-titanium dioxide pigment, which comprises wet milling gypsum to an average particle size substantially less than 5 microns in maximum dimension in the presence of a substance which decreases the solubility of the gypsum in water and which at the same time retards crystal growth, mixing the milled gypsum with a mineral acid solution of titanium, and elevating the temperature of the mixture to precipitate hydrated titanium dioxide in the presence of the gypsum particles.

2,066,075
VINYL ESTERS OF CARBOXYLIC ACIDS AND THEIR PRODUCTION
Walter Reppe, Ludwigshafen-on-the-Rhine, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application January 4, 1933, Serial No. 650,145. In Germany March 5, 1932
11 Claims. (Cl. 260—106)

1. In the catalytic production of vinyl esters by the action of acetylene on carboxylic acids, the step which comprises carrying out the reaction with a carboxylic acid containing at least 5 carbon atoms, in the liquid phase and with a catalyst selected from the class consisting of carboxylic acid salts of zinc and cadmium.

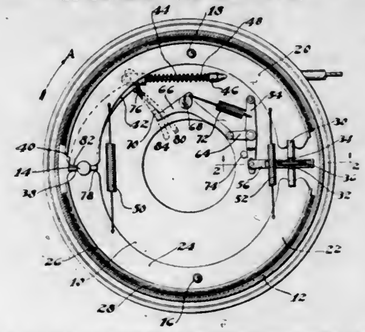
9. Vinyl esters of aliphatic carboxylic acids containing at least 8 carbon atoms.

2,066,076
PRODUCING VINYL ETHERS
Walter Reppe and Werner Wolff, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application August 23, 1934, Serial No. 741,043. In Germany September 9, 1933
8 Claims. (Cl. 260—127)

1. In the catalytic production of vinyl ethers from mixtures of acetylene and alcohols, the step which comprises reacting acetylene in the gas phase with a volatilized compound containing one free alcoholic hydroxyl group which compound is free from alkali-sensitive groups, in the presence of a substance selected from the group consisting of the strongly alkaline reacting compounds of the alkali and alkaline earth metals as a catalyst.

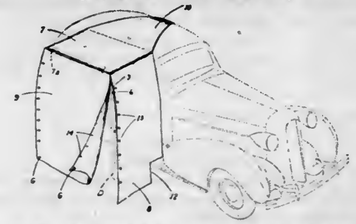
8. In the catalytic production of vinyl ethers from mixtures of acetylene and alcohols, the step which comprises reacting acetylene in the gas phase with a volatilized amino-alcohol free from alkali-sensitive groups, and containing one free hydroxyl group, in the presence of a substance selected from the group consisting of the strongly alkaline reacting compounds of the alkali and alkaline earth metals as a catalyst.

2,066,077
BRAKE
Roy S. Sanford, South Bend, Ind., and Frank L. O. Wadsworth, East Liberty, Pa., assignors to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application February 20, 1933, Serial No. 657,692
23 Claims. (Cl. 188—79.5)



1. A brake comprising friction elements, an adjusting device connecting the friction elements including a pinion, a slidable member having a longitudinal slot receiving the pinion, a spring-pressed pawl carried by the member engaging the pinion, a lever pivotally connected to the member, means for actuating the friction elements including a tension member moved differently in forward and in reverse braking, and means actuated by the tension member for transmitting force to said lever only on reverse braking.

2,066,078
AUTOMOBILE DRESSING TENT
Theodore G. Schmeiser, Fresno, Calif.
Application July 11, 1936, Serial No. 90,136
6 Claims. (Cl. 135—5)



1. In an automobile dressing tent adapted for use with an automobile having oppositely opening front and rear doors, a frame for removable and supporting engagement with the doors when the same are open and including a top bar, frame posts depending from the ends of the top bar and adapted to extend down the outside of the doors, said frame posts being notched at their lower ends to straddle the hubs of the door handles.

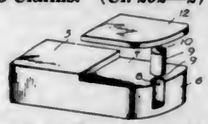
6. An automobile dressing tent adapted for use with an automobile having oppositely opening front and rear doors, said tent comprising a frame

for removable engagement with and adapted to extend between corresponding front and rear doors in the top when the same are open, a tent covering including a top panel to cover the area defined between the doors, the frame and the adjacent side of the car, means to detachably secure the front edge of the top panel to the frame, and means formed in connection with the rear edge of the top panel and adapted to extend over the roof of the automobile and to be attached to the opposite side of the automobile to maintain the top panel taut.

2,066,079
TEXTILE FABRIC AND ITS METHOD OF MANUFACTURE
Hyman Louis Shoub, Brooklyn, N. Y., assignor to The Starchless Curtain Perfector Institute, New York, N. Y., a corporation of New York
No Drawing. Application February 18, 1935, Serial No. 7,144
3 Claims. (Cl. 91—68)

1. A textile fabric of the type known as organdy or muslin or the like, whose outstanding characteristics are that they are extremely thin and light, loosely woven, and semi-transparent, said fabric having a colorless coating on one side thereof of a vinyl resin, said coating being minutely thin and only sufficient to render the fabric slightly stiffened whereby its stiffness reappears after every washing and ironing without the use of any stiffening agents, while the appearance, texture, and said outstanding characteristics of the fabric remain unaltered.

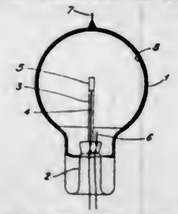
2,066,080
LOCK STRUCTURE
Emory S. Stroberg, Macon, Ga.
Application September 13, 1934, Serial No. 743,928
3 Claims. (Cl. 292—2)



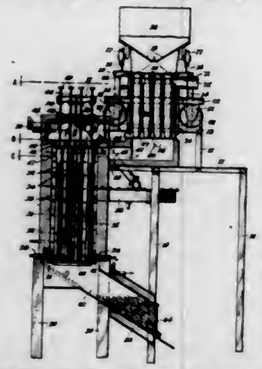
1. In a door lock for automobiles, a sliding bolt carried by the lock with its normally projecting tip having a beveled face, the upper surface of said tip adjacent the beveled face being countersunk, a bore formed in said countersunk portion and forming a slot in said bevel face, a roller bearing mounted in said bore and slot, and a cap plate seating in the countersunk portion adapted to secure the roller in operative position and forming continuations of said surface and bevel face of the bolt.

2,066,081
PHOTOTUBE
Marten Cornelis Teves, Eindhoven, Netherlands, assignor to Radio Corporation of America, a corporation of Delaware
Application March 13, 1935, Serial No. 10,764
In Germany March 26, 1934
3 Claims. (Cl. 250—27.5)

1. The method of manufacturing a photo-cathode for a light sensitive electron discharge device having an envelope in which a metal oxide layer is to be formed and subjected to the action of an electropositive metal, which includes positioning the metal from which the oxide layer is to be formed within the envelope out of contact with a base within the envelope on which the metal oxide layer is to be formed, introducing an atmosphere containing oxygen within said envelope, establishing a controlled electric discharge between said metal as a cathode and another electrode as an anode within the envelope, so that a layer of the oxide of said metal is deposited on said base, removing the atmosphere containing oxygen from the interior of the envelope and introducing an alkaline metal within the envelope to reduce the metal oxide to form a light sensitive electrode on the interior of the envelope.



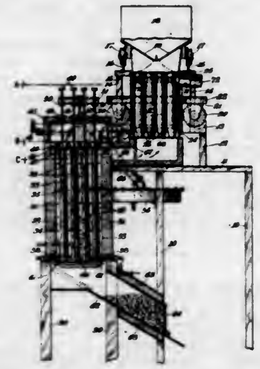
2,066,082
APPARATUS FOR PRODUCING FUEL
James N. Vandegrift and Carl Postel, New York, N. Y., assignors, by mesne assignments, to Coal Products Company of Delaware, Philadelphia, Pa., a corporation of Delaware
Original application May 29, 1930, Serial No. 457,466. Divided and this application February 11, 1932, Serial No. 592,302
26 Claims. (Cl. 202—110)



1. Apparatus of the character described comprising a plurality of rows of retort tubes, each row composed of a pair of similarly shaped sections, each section being made up of a plurality of substantially semi-cylindrical members joined by flanges formed integrally therewith, said rows being spaced apart by means of ribs extending from said substantially cylindrical members forming a plurality of flues between said retort tubes, and means for introducing hot gaseous products of combustion into and through said flues to heat said retort tubes.

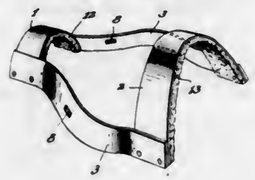
2,066,083
FUEL AND METHOD OF PRODUCING SAID FUEL
James N. Vandegrift and Carl Postel, New York, N. Y., assignors to Coal Products Co. of Delaware, New York, N. Y., a corporation of Delaware
Application May 10, 1933, Serial No. 670,224
8 Claims. (Cl. 202—35)

1. A batch process of making coke which comprises carbonizing a body of solid dehydrated cokable material containing coking coal which tends to expand upon coking by suddenly subjecting a compact body of the material peripherally inwardly to carbonization temperatures of about 1200° F. to 1600° F. thereby rapidly heating the body of material to a plastic condition and continuing to intensively heat the body of material peripherally inwardly by maintaining the



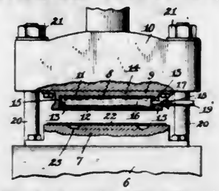
peripheral temperature at about 1200° F. to about 1600° F. during the plastic stage of the carbonization, the non-volatilized constituents of the material being quiescent and confined against substantial expansion substantially throughout the plastic stage of the carbonization to a volume greater than that of said body prior to the carbonization step.

2,066,084
NECK PROTECTOR
Irvin M. Vaughn, Elk City, Kans.
Application December 21, 1935, Serial No. 55,654
1 Claim. (Cl. 54—18)



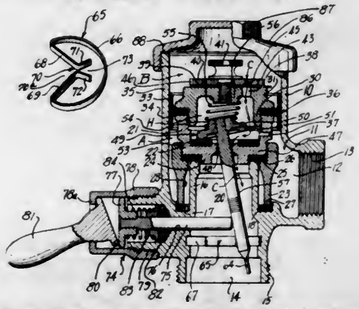
A protector for a horse's neck comprising front and rear yokes of inverted U-shape adapted to straddle the back of a horse's neck, the front yoke having short arms, the rear yoke having arms of greater length than the arms of the front yoke and having lower ends of its arms spaced from each other a greater distance than the distance between lower ends of the arms of the front yoke whereby their end portions may be disposed out of contact with a horse's back, side strips extending between the front and rear yokes and having flat end portions rigidly secured against arms of the yokes in overlying relation thereto and their intermediate portions bowed outwardly between the yokes for extending across side portions of a horse's collar in spaced relation thereto, and means carried by the outwardly bowed intermediate portions of the side strips for suspending a horse collar in an elevated position with the upper portion of the collar out of contact with the back of a horse's neck.

2,066,085
METHOD OF EMBOSSING SHEET-METAL
Lawrence V. Whistler, Kenmore, N. Y.
Application October 7, 1935, Serial No. 43,804
20 Claims. (Cl. 101—32)



1. The method of embossing sheet-metal, comprising retaining the region of the metal surrounding the region to be embossed against movement while effecting cold embossment of the metal.

2,066,086
FLUSHOMETER
Elihu C. Wilson, Los Angeles, Calif.
Application August 5, 1933, Serial No. 683,807
13 Claims. (Cl. 137—93)

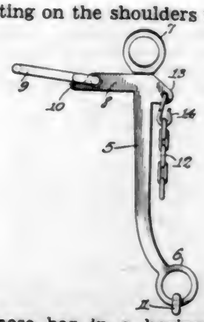


8. In a flushometer, a substantially cylindrical body having a fluid-passageway, a main valve for the passageway, fluid-pressure operated means for vertically reciprocating the valve to open and close it, an auxiliary tilt valve carried by the main valve in its reciprocation and adapted to be tilted open and closed for controlling the application of pressure to said means, said tilt valve having a depending member, manually actuated means for tilting the auxiliary valve open and thereby swinging said member directly in a radial plane of the body, and a retainer associated with the tilt valve and adapted to delay its closure for a predetermined period and then unrestrainedly permit its closure, said retainer embodying a latch on the body and movable transversely of the body axis to latchingly engage the depending member when it is so swung, said depending member being subsequently movable vertically clear of the latch member without transverse movement of the latch member and without the latch member offering restraint to such vertical movement when the main valve lifts the tilt valve a predetermined distance.

2,066,087
BRIDLE BIT
Frank Barrera, San Antonio, Tex.
Application March 19, 1936, Serial No. 69,651
2 Claims. (Cl. 54—6)

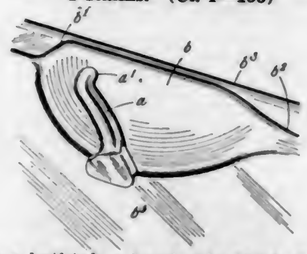
1. A bit comprising a pair of cheek pieces, arms extending forwardly from the cheek pieces, shoulders at the forward ends of the arms, a curved nose bar pivotally connected with the

arms and resting on the shoulders normally sup-



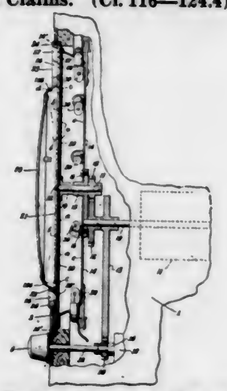
porting the nose bar in a horizontal position, and a curb chain secured to the cheek pieces.

2,066,088
BATH
Marguerite Edith Bentley, Longfield, England
Application April 10, 1935, Serial No. 15,556
In Great Britain April 18, 1934
4 Claims. (Cl. 4—185)



1. In a bathtub, a hand-grip which is connected at one end to the bathtub, is free at the other end, and is located within, or substantially within, a recess in the wall of the bathtub.

2,066,089
APPARATUS FOR IDENTIFYING SHORT-WAVE FOREIGN RADIO TRANSMITTING STATIONS
Karl Biegler, Brooklyn, N. Y.
Application April 18, 1936, Serial No. 75,050
16 Claims. (Cl. 116—124.4)

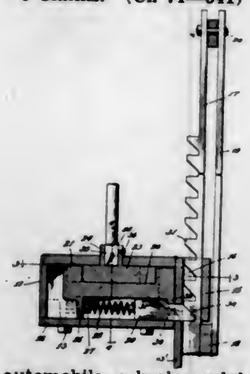


1. In a radio receiving set, the combination with the shaft of a variable tuning element of a rotatable screen having a plurality of dot-like means positioned at intervals thereon and each of which is so positioned as to correspond to the frequency of the cycles of the waves transmitted from one only of a plurality of different foreign, short-wave radio transmitting stations and several of said dot-like means being arranged in a plurality of groups, all the members of any one group being equi-distant from a common center and being positioned at intervals along an arc and all of the members of any one group lying in a different arc from those of any other group, a stationary screen having displayed on the front thereof a map representing various foreign countries, several of which have a plurality of short-wave radio transmitting stations located therein, said latter screen having a single perforation only in the map portion thereof that represents a particular country having a plurality of transmitting stations located therein and which stations are represented on said rotatable screen, illumination means for projecting light through said latter screen, means, rotatable simultaneously with the movement of said disc, for rotating said tuning element; and reflector means associated with said illuminating means.

2,066,090
MANUFACTURE OF RESINS
William B. Borst, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application October 20, 1934, Serial No. 749,273
6 Claims. (Cl. 260—2)

1. A process for the manufacture of a resin which comprises, subjecting hydrocarbon distillate of approximately gasoline boiling range to the action of oxygen and a heavy metal oxide at an elevated temperature above 250° F. and while substantially in liquid phase for a time period adequate to react a substantial portion of the distillate with the oxide.

2,066,091
LOCKING DEVICE FOR BRAKE PEDALS
Harry L. Bristow, Newark, N. J., assignor of one-fifth to Charles G. Griffith and one-fifth to Homer J. Van Duyne, both of Newark, N. J.
Application June 25, 1935, Serial No. 28,367
6 Claims. (Cl. 74—541)



1. In an automobile, a brake pedal, a rack bar pivotally connected with the brake pedal, a casing, a block slidably mounted in the casing and provided with a seating recess, a catch movable with the block and adapted to engage the rack bar for holding the brake pedal in a set position, a cam engaging the seat in the sliding block, and an operating rod connected with the cam and operable from the driver's seat for moving the catch out of engagement with the teeth on the rack bar.

2,066,092
CHIN OPERATED ALARM DEVICE
Carl E. Brown, Columbus, Ohio
Application January 21, 1936, Serial No. 60,108
5 Claims. (Cl. 116—67)

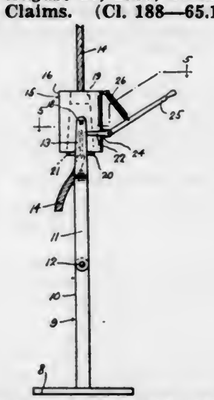


1. In combination, a shirt neck band, alarm means, and means to support the alarm means on the shirt neck band adjacent to the chin of a wearer in position to be engaged by the chin, and a control element for the alarm means engageable by the chin of the wearer through nodding by him.

2,066,093
METHOD FOR EXTRACTING TITANIUM COMPOUNDS FROM TITANIUM-CONTAINING ORE
Winfred Joseph Cauwenberg, Elizabeth, N. J., assignor to United Color & Pigment Company, Inc., Newark, N. J., a corporation of New Jersey
No Drawing. Application March 4, 1935, Serial No. 9,266
7 Claims. (Cl. 23—117)

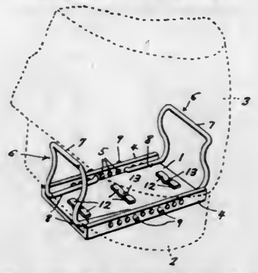
1. The method of extracting soluble titanium compounds from titanium ore, which consists in mixing the ore with sulphuric acid, adding a carbon-producing organic material which reacts with the sulphuric acid to produce finely-divided carbon of the type which increases the viscosity of the reaction mass to initiate the reaction between the sulphuric acid and the ore, and, after completion of the reaction, dissolving the reaction product in water.

2,066,094
CATLINE CLAMP
Roland A. Crawford, Tenaha, Tex., assignor of fifteen per cent to James P. Lloyd, Center, Tex.
Application August 17, 1935, Serial No. 36,743
6 Claims. (Cl. 188—65.1)



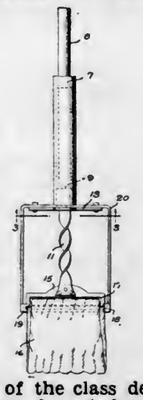
1. In a structure of the class described, a support, a body freely and pivotally mounted on said support, said body having a conical bore for passage of a conventional catline, a pair of expansible and contractible line clamping grips mounted for sliding movement in said bore, and appendant actuated and handling means on said body for slidably actuating said grips.

2,066,095
ICE CREEPER
John Carroll Crow, Oil City, Pa.
Application April 23, 1936, Serial No. 76,063
3 Claims. (Cl. 36—62)



1. An ice creeper comprising a transversely elongated metallic plate engageable beneath the heel of a shoe, upstanding flanges on the longitudinal edges of said plate, said flanges having spaced openings therein, and resilient clamps engageable with the opposite sides of the shoe heel for detachably securing the plate in position therebeneath, said clamps including trunnions engageable selectively in the openings.

2,066,096
FLOOR MOP
James Donald Currie, Collingwood, Ontario, Canada
Application March 7, 1935, Serial No. 9,851
2 Claims. (Cl. 15—120)



1. In a mop of the class described, an elongated handle, an elongated rectangular shaped frame extending from the end of said handle and being disposed in the same plane with the handle, said frame having a lower transverse end portion V-shaped in cross section with its apex outwardly, and a longitudinally extending slot therein.

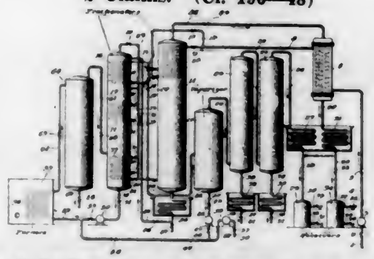
2. In a structure of the class described, a rectangular shaped frame, one of the transverse members of said frame having a rectangular shaped slot therein, a helically twisted rectangu-

lar shaped bar forming a screw disposed in said slot, the outer end of said screw being connected by a swivel to an elongated handle, and means on the inner end of said screw and on the other transverse member of the frame for securing a mop thereto.

2,066,097

TREATMENT OF HYDROCARBON OILS

John Cutter, Tulsa, Okla., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application June 6, 1931, Serial No. 542,534
Renewed March 23, 1935
2 Claims. (Cl. 196—48)

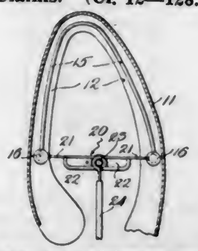


1. A hydrocarbon oil cracking process which comprises heating the oil to cracking temperature in a heating zone and separating the same into vapors and residue, introducing the vapors to a fractionating zone and fractionating the same therein to condense insufficiently cracked fractions thereof, removing uncondensed vapors from the upper portion of the fractionating zone and reheating the same by indirect heat exchange with the hotter hydrocarbons in the lower portion of the fractionating zone, further fractionating the reheated vapors to condense heavier portions thereof, introducing such condensed heavier portions into direct contact with the vapors undergoing fractionation in the fractionating zone, returning reflux condensate from the fractionating zone to the heating zone, and finally condensing the fractionated vapors.

2,066,098

SHOE FORM

William J. De Witt, Auburn, N. Y., assignor to Shoe Form Co., Inc., Auburn, N. Y., a corporation of New York
Application April 25, 1935, Serial No. 18,202
8 Claims. (Cl. 12—128.4)



1. A shoe form comprising a toe portion the sides of which may be expanded or contracted, a cross brace connecting sides of the toe portion and consisting of at least two sections and a bar connected to both said sections so that the exertion upon the bar of either forward or retractive pressure for inserting the form into a shoe or withdrawing it therefrom causes the sections to contract the sides of the toe portion.

2,066,099

PHOTOGRAPHIC EMULSION

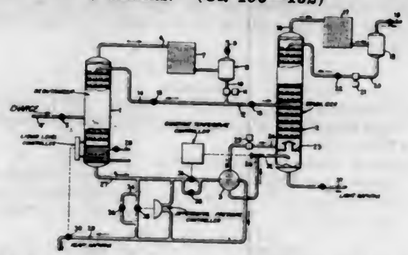
Walter Dieterle, Dessau-Ziebigk in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
No Drawing. Application July 16, 1932, Serial No. 623,017. In Germany July 24, 1931
2 Claims. (Cl. 95—7)

1. In the manufacture of optically sensitized or hyper-sensitized silver halide emulsions the step which comprises incorporating in said emulsion ethylthiotriazoles.

2,066,100

APPARATUS FOR THE TREATMENT OF HYDROCARBON OIL

Howard Dimmig, New York, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J., a corporation of Delaware
Application October 30, 1934, Serial No. 750,625
7 Claims. (Cl. 196—132)

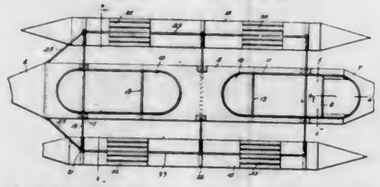


1. Apparatus for the stabilization of hydrocarbons comprising a stabilizer tower, means for introducing hydrocarbon fluid to be stabilized into said tower, a reboiler for supplying heat to the base of said tower, means for passing a hot fluid from an external source through said reboiler, a constant temperature controller for regulating the flow of hot fluid through said reboiler to maintain constant the temperature in the base of said stabilizer tower, and means for maintaining a constant differential pressure across the terminals of said constant temperature control valve and said reboiler.

2,066,101

MARINE CRAFT

Solon T. Dunlap and Carl Henry Stratton, Oklahoma City, Okla.
Application August 1, 1935, Serial No. 34,282
2 Claims. (Cl. 114—61)



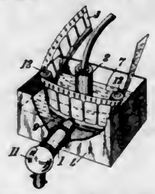
1. A craft of the kind described, comprising a hull, upper and lower lateral socket members carried at the opposite sides of the hull at intervals in the length thereof, pontoons at opposite sides of and spaced from the hull, socket members carried at the inner sides and tops of the pontoons in transverse alignment with the socket members of the hull, rods interposed between the hull and pontoons and disposed in the socket members thereof, and longitudinal rods

carried by the top socket members of the pontoons and spaced above the pontoons and having their forward portions extended inwardly toward and connected with opposite sides of the hull.

2,066,102

REPRODUCTION OF PHOTOGRAPHIC SOUND RECORDS

John Eggert, Leipzig-Gohlis, and Richard Schmidt, Dessau, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
Application June 13, 1935, Serial No. 26,490
In Germany June 22, 1934
5 Claims. (Cl. 179—100.3)

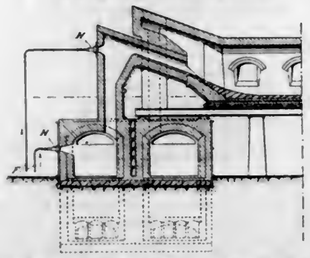


1. An arrangement for the reproduction of sound comprising in combination a sound record on a carrier, said sound record being capable of reproduction by scanning with a narrow band of light, a container, a liquid in said container having a refractive index substantially equal to that of said carrier, means for guiding said sound record through said liquid, an optical system in contact with said liquid for projecting a narrow beam of light on said sound record, and a photocell in contact with said liquid for receiving said narrow band of light modulated by said sound record.

2,066,103

COMBUSTION PROCESS FOR THE USE OF FLUID FUEL IN MARTIN FURNACES

Ferdinando Fiorelli, Terni, Italy
Application August 3, 1934, Serial No. 738,368
In Italy July 14, 1934
2 Claims. (Cl. 263—52)



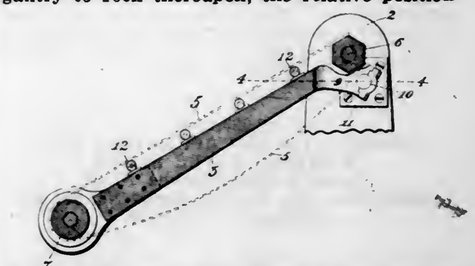
1. Combustion process for liquid fuel in furnaces with reversal flame which comprises atomizing the fuel, withdrawing a portion of the exhaust gases from the flue, purifying and preheating the same, and mixing it with atomized fuel at one point, thereby neutralizing the oxygen contained in the exhaust gases, reducing the carbonic acid (CO_2) to carbonic oxide (CO) by the injection of atomized fuel at another point and adding air thereto and burning the mixture.

2,066,104

LADDER FOR CONTINUOUS CHAIN-BUCKET ELEVATOR DREDGES

Alexander T. Fraser, Seattle, Wash.
Application September 21, 1935, Serial No. 41,634
9 Claims. (Cl. 37—69)

8. In dredging machinery, the combination with a gantry and chain-carrying ladder, of an upper tumbler mounted on the gantry for engaging the chain at its upper end; and a cooperating tumbler mounted on the lower end of the ladder for engaging the chain at its lower end, the ladder being pivoted at its upper end to the gantry to rock thereupon, the relative position



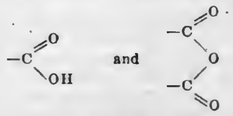
of the ladder pivot point to the upper tumbler being arranged to cause the path of the descending outer tumbler to form the segment of a circle progressively increasing in distance from the upper tumbler as said path is traversed by said outer tumbler in traveling from its uppermost position to its lowermost position.

2,066,105

MEDICAMENTS COATED WITH A WATER-INSOLUBLE POLYMERIZATION PRODUCT AND PROCESS OF PREPARING THEM

Max Hagedorn, Dessau in Anhalt, and Max Bockmühl and Günther Gorr, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application November 20, 1933, Serial No. 698,938. In Germany November 23, 1932
10 Claims. (Cl. 167—65)

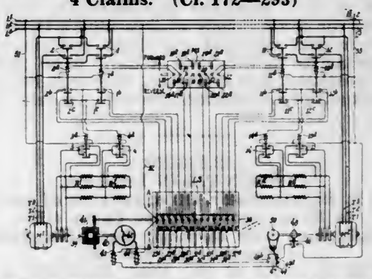
6. A composition of matter comprising a medicament coated with a film-forming water-insoluble organic polymerization product containing a radical selected from the group consisting of



2,066,106

MOTOR CONTROL SYSTEM

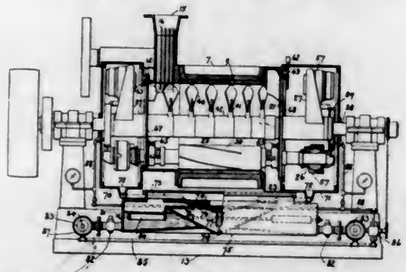
Paisley B. Harwood, Milwaukee, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application July 25, 1935, Serial No. 32,981
4 Claims. (Cl. 172—293)



2. The combination with two motors subjected individually to varying conditions of load, of a

controller for each of said motors including starting and speed regulating means and means responsive to operation of either of said motors at a speed exceeding that of the other motor to control said starting and speed regulating means to effect slowdown of said former motor upon a given degree of angular displacement thereof with respect to said latter motor and to also effect temporary stopping of said former motor upon a wider degree of angular displacement thereof with respect to said latter motor.

2,066,107
METHOD OF AND APPARATUS FOR WORKING PAPER STOCK
Anton J. Haug, Nashua, N. H.
Application May 31, 1932, Serial No. 614,566
9 Claims. (Cl. 92—20)



1. In a machine of the character described, the combination with a container adapted to hold a quantity of paper stock, or similar material, of a roll for engaging the stock, means supporting said roll for rotation about its own axis in contact with said stock and for movement toward and from the stock supporting surface of said container to cause it to crush said stock against said surface, the peripheral surface of said roll being roughened to maintain substantially a true rolling contact with said stock, and said contact serving as the sole means for revolving said roll around its own axis.

7. In a machine of the character described, the combination of a container having a chamber therein to receive the material to be worked, a roll mounted in said chamber for working said material, mechanism for supporting one end of said roll, said container having a separate chamber in which said mechanism is mounted and including a partition for maintaining said chambers separate, one from the other, and a packing associated with both the partition and said roll for preventing the transfer of material along said roll from one of said chambers to the other, said packing comprising a part in which said shaft is both rotatable and angularly movable, means for continuously maintaining a tight joint between said part and said shaft, and means for continuously maintaining a tight joint between said partition and said part, said part having a movement of translation relatively to said partition.

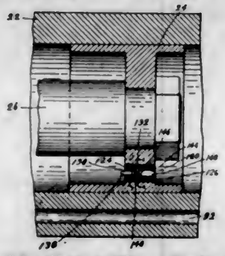
2,066,108
COMBINATION LADDER
Ross E. Hedges, Cadiz, Ohio, assignor of one-half to Henry Leroy Adams, Cadiz, Ohio
Application July 16, 1935, Serial No. 31,681
2 Claims. (Cl. 228—23)

2. In a device of the class described, a section having rails, a second section associated therewith and having rails, means pivotally connecting the sections, stop yokes carried by said second mentioned section, plates carried by the second mentioned section remote from the stop yokes and defining keepers, and keeper straps mounted in the keepers, said keeper straps being shiftable in one direction for permitting the



rails of the first mentioned section to overlie the rails of the second mentioned section in closed position, said shiftable straps being shiftable in the opposite direction to cooperate with the stop yokes and the first mentioned section whereby said first and second mentioned sections may be retained in an open extended position.

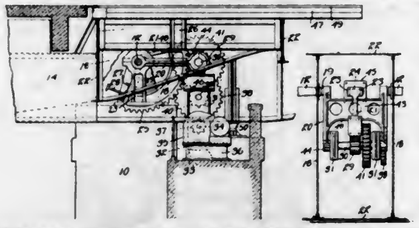
2,066,109
HYDRAULIC DRILLING MACHINE
Eric J. Hirvonen, Worcester, Mass., assignor to Leland-Gifford Company, Worcester, Mass., a corporation of Massachusetts
Application November 30, 1934, Serial No. 755,405
4 Claims. (Cl. 121—45)



4. The combination with a hydraulically operated cylinder and piston, of means for purging air from the cylinder on one side of the piston into the cylinder on the other side of the piston while preventing deleterious flow of hydraulic liquid through said purging means, said purging means comprising a small diameter passage of short axial length through said piston, a stem in said passage having but slightly less diameter than the diameter of said passage whereby to provide an annular flow path of small thickness and large surface, and means for reciprocating said stem axially of said passage to keep it clear of obstruction.

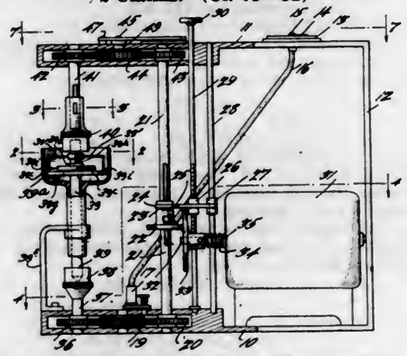
2,066,110
BASCULE BRIDGE
Leonard O. Hopkins, Nashville, Tenn.
Application December 24, 1934, Serial No. 759,110
6 Claims. (Cl. 14—36)

6. In a bridge of the kind described, a base, trunnions rotatably supported on said base, a bridge leaf secured to said trunnions, a drive pinion, means for rotating said pinion, a gear train having an operative connection with said pinion and said trunnions for transmitting rotary motion to the latter, said gear train being movable



bodily as a unit to compensate for minor inaccuracies in positioning of itself or said trunnions, and means for holding said gear train in operative relation to said trunnions irrespective of such compensating movement.

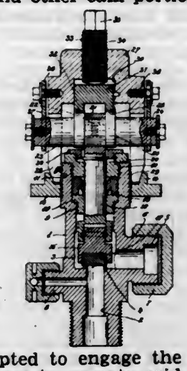
2,066,111
REGISTER FOR DISTRIBUTORS OF IGNITION SYSTEMS
Wilber Hughes, Crow Summit, W. Va.
Application May 2, 1935, Serial No. 19,537
2 Claims. (Cl. 73—51)



1. In means for registering the timing of a distributor, the combination of means for rotating the rotatable parts of a distributor, means for varying the R. P. M. of the rotating means, means for registering the speed of the rotating means, and means for indicating the advance or retardation of spark producing instrumentalities of the distributor in comparison with the speed, said means comprising a gear wheel rotatable through the distributor, a floating gear wheel meshing therewith and a gear wheel rotated by the driving means engaging the floating gear wheel, a pivotally mounted indicator, and means for communicating the motion of the floating gear wheel to the said indicator.

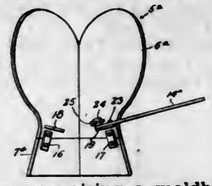
2,066,112
VALVE
Joseph Humblet, Brussels, Belgium
Application December 19, 1932, Serial No. 648,009
In Belgium December 19, 1931
14 Claims. (Cl. 251—40)

4. A valve of the type in which the opening is quickly obtained comprising a valve, a valve rod, cam members movably connected to said rod, a movable stop and a pressure member controlling the position of said stop, another stop opposite the first named stop, cam portions of the cam members adapted to engage the first named stop and other cam portions of said cam



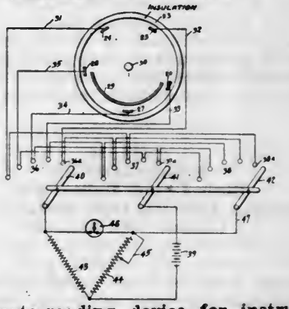
members adapted to engage the second named stop, and means to operate said cam members, whereby upon operation of said means the valve is caused to be mechanically closed and opened.

2,066,113
KNIFE ATTACHMENT FOR LISTERS
Walter J. Jaeger, Imperial, Nebr.
Application March 10, 1936, Serial No. 68,103
3 Claims. (Cl. 97—129)



1. In a lister comprising a moldboard and a lister lay, means connecting the lower edge of the moldboard with the upper edge of the lister lay, said means including a bracket, and a knife adjustably mounted on said bracket for operating in a sphere laterally outwardly of one side of the lister.

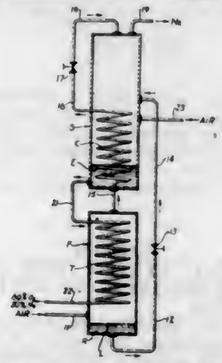
2,066,114
ELECTRICAL SYSTEM FOR THE REMOTE INDICATION OF INSTRUMENT READINGS
Joseph F. Lee, Washington, D. C., and Joseph Giarratana, New York, N. Y.
Application December 7, 1931, Serial No. 579,632
5 Claims. (Cl. 177—351)



1. A remote-reading device for instruments that include a movable index, comprising a mem-

ber of said instrument adapted to contain liquid and made of insulating material, an electrically conducting liquid in said member, a plurality of uniformly spaced fixed electrodes in said member, an arcuate electrically conducting vane rotatably mounted in said member adjacent said electrodes and adapted to be connected to said index, two external resistor elements having one end of each connected to a common point, a galvanometer connected across the other ends of said elements, a variable shunt connected to one of said resistors, three groups of contacts, the number of contacts in each group being the same as the number of fixed electrodes, means connecting each of the electrodes to a contact in each group, each of the contacts to which each electrode is connected having a different relative position in its group, three interconnected switch arms so disposed that each of said arms may be moved into contact with the contacts of a group, means connecting one of said arms to a terminal of said galvanometer and other means connecting another of said arms to the other terminal thereof, and a source of electric current connected to the point of common connection of said resistors and to the third of said switch arms.

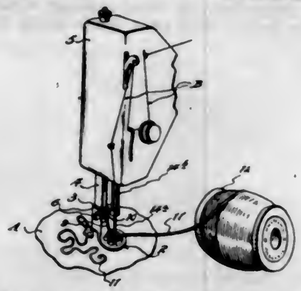
2,066,115
PROCESS FOR PRODUCING OXYGEN-ENRICHED MIXTURES FROM AIR
Richard Linde, Hollriegelskreuth by Munich, Germany, assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
Application May 17, 1935, Serial No. 22,038
In Germany May 17, 1934
6 Claims. (Cl. 62—175.5)



1. In a process for producing oxygen-enriched mixtures from air in two stages, the step of introducing additional air to the second stage to compensate for the loss of volatilized gases, the amount of additional air being measured to equal the amount of volatilized gases so that a heat balance may be effected in the first stage.

2,066,116
EMBROIDERER
Doris Litsey, Dallas, Tex.
Application June 29, 1936, Serial No. 87,841
6 Claims. (Cl. 112—101)

1. An embroiderer for sewing machines comprising a presser-foot adapted to be secured to the presser-bar of said machines, said embroiderer having a foot portion projecting forwardly in the reciprocal path of the needle of the machine and having a V-shaped recess for receiving the embroidery thread and to permit passage of said needle; and an embroidery thread positioning and holding member secured to the shank of said

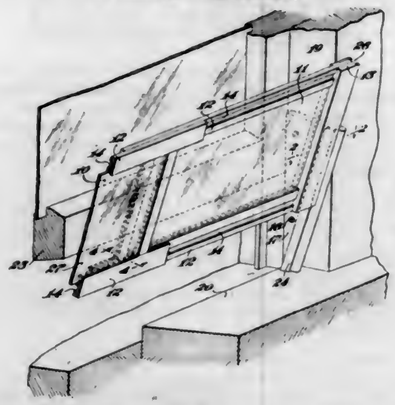


presser foot, one end of which is shaped to overlie said recess for yieldably holding the embroidery thread in said recess.

2,066,117
IMPREGNATED ARTICLE
Evart E. Mayfield, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application October 9, 1934, Serial No. 747,563
7 Claims. (Cl. 91—68)

1. Box toes for shoes comprising an absorptive base impregnated with a composition including chlorinated rubber, a resin and paraffin.

2,066,118
WINDOW VENTILATOR
William H. Maynard, Winooski, Vt., assignor to Porter Screen Company, Winooski, Vt., a corporation of Vermont
Original application October 11, 1934, Serial No. 747,908. Divided and this application July 19, 1935, Serial No. 32,204
3 Claims. (Cl. 98—99)



1. An extensible window ventilator comprising end plates for attachment in face-to-face relationship with the inner sides of a window casing, two relatively movable sections in sliding face-to-face relation bridging the space between said plates, said sections comprising side and end frame members fast together at the corners, the outer end frame member of each section having an undercut groove in its outer end face forming

overhanging lips therein, said undercut groove extending longitudinally of said outer end face and between and substantially parallel to the planes of the side faces of said outer end frame member, each of said end plates having a connecting member extending from the face thereof adjacent the outer end of the adjoining ventilator section, said connecting member having enlarged portions adjacent said free end, said enlarged portions being adapted to slide in the undercut groove of the adjacent ventilator section and to slidably engage the respective adjacent inner faces of the overhanging lips of said undercut groove.

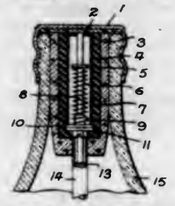
2,066,119
MANUFACTURE OF NAPHTHAZARINE DYESTUFFS
Carl Mettler, Basel, Switzerland, assignor to the firm J. R. Geigy A. G., Basel, Switzerland
No Drawing. Application October 30, 1934, Serial No. 750,710
5 Claims. (Cl. 260—56)

1. A blue to greenish blue coloring-matter prepared by moderated interaction of 8-amino-5-hydroxy-naphthoquinone-(1,4)-imide-(4) and a p-amino-phenol-ether selected from the group consisting of p-phenetidine, p-anisidine and p-amino-phenol-hydroxyethyl-ether, said coloring matter being directly usable for dyeing cellulose derivatives and being insoluble in water and dilute acids and alkalies, and soluble in sulphuric acid, glacial acetic acid and aromatic amines.

2,066,120
MANUFACTURE OF RESINS
Jacque C. Morrell, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application October 20, 1934, Serial No. 749,310
8 Claims. (Cl. 260—2)

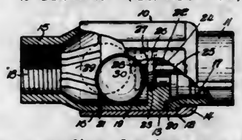
1. A process for the manufacture of resins which comprises, subjecting cracked petroleum oil to the action of an ozone containing gas at an elevated temperature above 250° F., and mixing the insoluble material with formaldehyde or a formaldehyde-yielding substance.

2,066,121
DISPENSING DEVICE
Clarence P. Morris, Silver Spring, Md.
Application November 26, 1935, Serial No. 51,691
2 Claims. (Cl. 215—73)



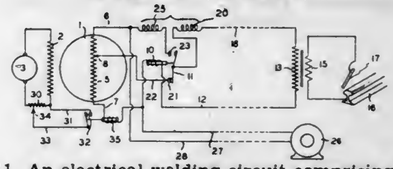
1. A dispensing device substantially as herein described, comprising a bottle or flask, a closure therefor, and a telescopic drinking tube fitted within said bottle or flask by means of a cylindrical structure which serves as a coupler and supports both the upper and lower sections of said tube, the lower section of which is stationary and extends downward from within said cylindrical structure to the bottom of the bottle or flask, whereas the upper section is adjustable, being confined within the bottle or flask and said cylindrical structure when the closure is attached, and by means of an inclosed spring being forced to protrude beyond the mouth of said bottle or flask when the closure is removed.

2,066,122
VALVED COUPLING
Raimundo Ravelo, Ferrum, Va.
Application October 24, 1935, Serial No. 46,576
2 Claims. (Cl. 137—69)



2. A pipe coupling having a cylindrical interior, a valve seat therein, a valve adapted to seat on said valve seat, a central projection on a face of said valve, and a spherical ball loosely positioned in said cylindrical interior adapted to engage therewith and cooperate with the projection on the valve to insure a force applied centrally thereto in effecting its seating in said valve seat.

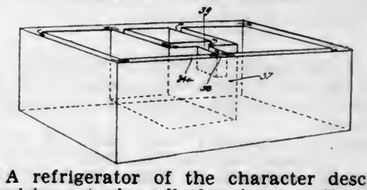
2,066,123
WELDING APPARATUS
Frederick L. Re Qua, San Francisco, Calif., assignor to Steel-Weld Equipment Corporation Ltd., San Francisco, Calif., a corporation of California
Application May 19, 1931, Serial No. 538,463
23 Claims. (Cl. 219—8)



11. An electrical welding circuit comprising an alternating current generator having taps for supplying high and low potentials, an arc welding circuit, a line connecting said arc welding circuit to the generator, and means controlled by making and breaking of the arc for connecting the arc welding circuit from one tap to the other.

18. In electric welding apparatus, an electrical circuit comprising a source of potential, a plurality of utilization circuits connected with said source, and means operable by current flow in one of said utilization circuits for altering the potential supplied thereto from said source independently of the potential supplied to the others of said utilization circuits.

2,066,124
REFRIGERATOR CABINET
Arthur E. Rinker, Compton, Calif.
Application October 9, 1935, Serial No. 44,207
11 Claims. (Cl. 62—101)



1. A refrigerator of the character described comprising a tank, walls forming a cooling compartment within said tank, a shell enclosing a food compartment within the tank and spaced

from the sides thereof to provide an elongated and comparatively narrow passage through which brine circulates, by virtue of its temperature differential, from said cooling compartment around said shell, and means forming in said passage a barrier extending upwardly a substantial distance from the bottom of the passage and confining the brine circulation at the barrier to the space thereabove.

2,066,125

PROCESS OF MANUFACTURING MIXED ETHERS OF HIGHER ALCOHOLS WITH POLAR GROUPS AND APPLICATION OF THE SAME FOR TEXTILE PURPOSES

Meindert Danius Rozenbroek, Delden, Twenthe, Overijsel, Netherlands

No Drawing. Application April 29, 1933, Serial No. 668,670. In the Netherlands May 2, 1932
10 Claims. (Cl. 252—1)

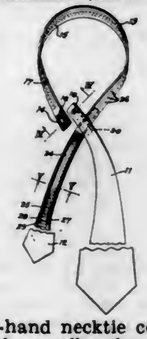
1. A process for treating fibrous materials including leather comprising carrying out the treating process in the presence of a sulphonated mixed ether of an alcohol containing at least 8 carbon atoms with a compound having not more than 6 carbon atoms and containing at least one and not more than 4 hydroxy groups and at least one reactive radical of the group consisting of carbonyl, carboxyl, amino and mercapto groups.

2,066,126

FOUR-IN-HAND NECKTIE

Samuel L. Samter, Maurice L. Samter, and Joseph A. McCarthy, San Francisco, Calif., assignors, by mesne assignments, to Maurice L. Samter and Samuel L. Samter

Application June 4, 1935, Serial No. 24,862
6 Claims. (Cl. 2—155)



1. A four-in-hand necktie comprising a large end portion and a small end portion and a neckband portion therebetween, said tie including adjacent one end portion an elongated flexible reinforcing member longitudinally of the tie and having greater reinforcement capacity laterally of the tie than longitudinally of the tie, said reinforcing member being positioned within a portion of the tie which is adapted for sliding through the knot in the tie, and adapted for resisting slipping of the tied four-in-hand knot when the tie is being worn by a wearer.

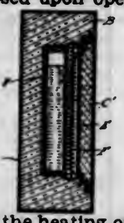
2,066,127

ELECTRICAL HEATING SYSTEM

Games Slayter, Newark, Ohio, assignor to Games Slayter, Inc., Detroit, Mich., a corporation of Michigan

Application November 7, 1929, Serial No. 405,408
Renewed April 19, 1935
4 Claims. (Cl. 219—19)

4. In a heating device of the character described, a container, a movable closure for said container, a heat storage mass within said container, and a heating means within said container so positioned as to heat said storage mass and as to be exposed upon opening of said closure to provide for the heating of the atmosphere adjacent said container, not only by the heat given off by said storage mass but also by direct radiation from said heating means.

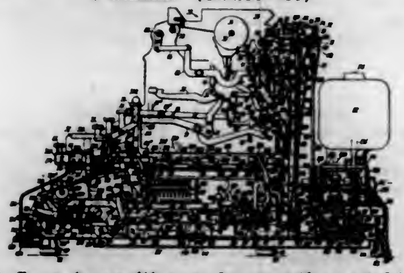


2,066,128

COMBINED TYPEWRITING AND COMPUTING MACHINE

Otto Thieme, Hartford, Conn., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware

Original application August 29, 1929, Serial No. 389,152. Divided and this application October 8, 1931, Serial No. 567,605
7 Claims. (Cl. 235—60)



1. In a typewriting and computing machine having a register with wheels operable to accumulate successive items printed by the numeral-keys of the typewriter, the combination with a key depressible to type a distinguishing character to verify the restoration of all the register-wheels to zero, of a train operable by the initial rotation of any register-wheel in accumulating a printed amount, to prevent the subsequent depression of said key during the item-accumulating stage, said train being restored by the clearing of the register-wheels to release the key to print its character, said train including a register-wheel detent vibrated by the accumulation of each digit on each wheel, a universal member vibrated by the detent first vibrated by any register-wheel, and a lock having means to detain the universal member in its vibrated position until all the register-wheels are in their zero positions.

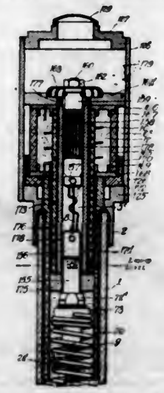
2,066,129

FUSE

Hugh A. Triplett, Wilmette, Ill., assignor to Schweitzer & Conrad, Inc., Chicago, Ill., a corporation of Delaware

Application May 8, 1933, Serial No. 669,955
82 Claims. (Cl. 200—120)

1. A protective device comprising a fuse element having automatically separable terminals, said fuse element having a link adapted to fuse and form an arc and permit said terminals to separate upon the occurrence of overload and a resistance element having a stationary resistor permanently increasing its resistance upon the occurrence of a predetermined current flow therethrough and adapted to be connected in series with the arc to control the energy release in the arc.

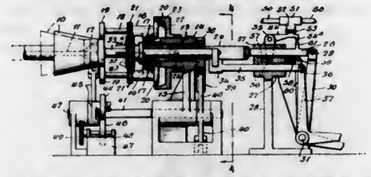


2,066,130

CUP MAKING MACHINE

George W. von Hofe, Bound Brook, and Paul W. Fleischer, Weehawken, N. J., assignors to New Jersey Machine Corporation, Hoboken, N. J., a corporation of New Jersey

Application November 7, 1935, Serial No. 48,632
14 Claims. (Cl. 93—36.4)



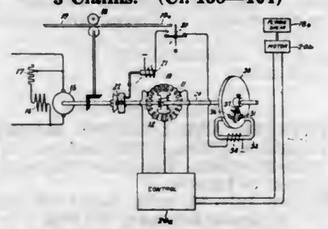
1. In a machine for making containers consisting of a body and a flanged bottom, a mandrel, means for supporting a flanged bottom on the end of said mandrel, means for applying adhesive to the outer surface of the flange of said bottom while supported on said mandrel, and means arranged to interiorly support said flange while the adhesive applying means operatively engages the outer surface thereof.

2,066,131

ELECTRIC BRAKE

Stewart H. White, Port Angeles, Wash., assignor to General Electric Company, a corporation of New York

Application June 8, 1933, Serial No. 674,890
3 Claims. (Cl. 188—104)



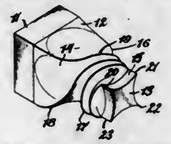
1. An electric brake comprising a rotatably mounted disk made of nonmagnetic material, a member made of magnetic material secured to said disk, and an electromagnet provided with pole pieces on opposite sides of said disk for producing a flux across said disk to brake dynamically said disk and stop said disk in a predetermined angular position by the attractive effort produced by said flux on said member.

2,066,132

STUB PULLER AND METHOD OF FORMING THE SAME

Leon L. Zihler, Buffalo, N. Y.

Application November 5, 1935, Serial No. 48,360
2 Claims. (Cl. 76—101)



1. A device of the character described, comprising a one piece body which is angular in cross section throughout and includes a square shank, a coaxial tapered intermediate portion twisted to form spiral threads adapted to bite into and remove the stub from a pipe fitting and a coaxial tip of reduced size at the reduced end of said tapered intermediate portion, the corners of said tip being arranged to describe a square and extending substantially parallel with the axis of the body and the faces of said tip between said corners curving inwardly toward the axis thereof thereby to form sharp edges of said corners which act to ream out any burrs interfering with the insertion of said intermediate portion into the stub.

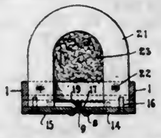
2. The method of forming a stub puller of the character described which comprises forging a blank of elongated form and generally square in cross section, the faces and corners of which are continuous from one end of said blank to the other, and having a shank, an intermediate portion of tapering form and a tip projecting outwardly from the small end of said intermediate portion, the four faces of said intermediate portion being recessed from corner to corner and substantially the full length thereof and the four side faces of said tip being likewise recessed from corner to corner to form four sharp edges extending parallel with the axis of the blank and twisting said shank relative to said tip to provide sharp spiral threads on said intermediate portion, said sharp edges providing reaming edges to remove any burrs interfering with the insertion of said intermediate portion into a stub.

2,066,133

WAVE TRANSLATING DEVICE

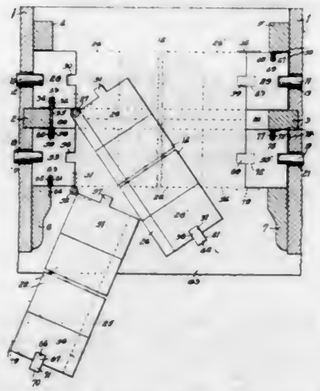
Alexander I. Abrahams, New York, N. Y.

Application April 28, 1933, Serial No. 668,335
6 Claims. (Cl. 179—138)



1. A wave translating device in the form of a ribbon of conductive material, a pair of magnetic poles between which said ribbon is mounted, and a backing plate mounted in spaced relation to said ribbon between said pole pieces.

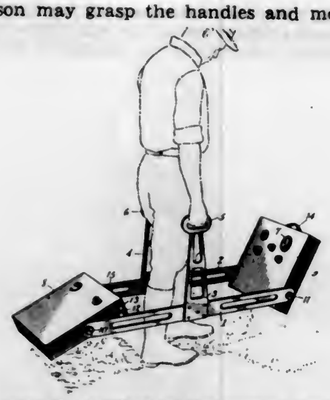
2,066,134
WINDOW
Joseph P. Barbay, St. Louis, Mo.
Application October 13, 1934, Serial No. 748,187
3 Claims. (Cl. 20—50)



1. In a window construction, a window frame, a window sash having a hinged stile weather strip connected with the window frame, a separable stile at the free swinging side of the sash, said separable stile embodying an inner section having its outer face provided with a groove extending from the top thereof to within a short distance of the bottom, the short distance thereof being provided with a tongue extending from the bottom face of said section to the lower end of the groove, the lower end of the groove and the upper end of the tongue having registered inclined faces, the other section of the separable stile being weather strip connected with the window frame and provided with a correspondingly long tongue extending from the top thereof on its inner face to slidably fit in the long groove aforesaid, and also provided with a short groove extending upwardly from the lower end of said stile to the lower end of the long tongue thereon, and said tongue and groove having registered inclined faces at their inner ends so that when the said tongues and grooves on the separable stile are in a sliding fit the separable stiles can be wedged together when the sash is moved upwardly relative to its outer stile section to effect a tight joint between the two sections of the separable stile.

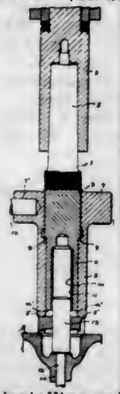
2,066,135
ELECTRICAL APPARATUS FOR LOCATING BODIES HAVING ANOMALOUS ELECTRICAL ADMITTANCES
William M. Barret and Randolph H. Mayer, Shreveport, La., assignors to Engineering Research Corporation, Shreveport, La., a corporation of Louisiana
Application December 14, 1934, Serial No. 757,526
5 Claims. (Cl. 175—182)

1. An electric apparatus for locating bodies having anomalous electrical admittances comprising an oscillator unit, a detector unit, each of said units having a housing, a pair of supporting bars, clamping screws for adjustably clamping said housings to said bars at the respective ends, said clamping means acting to hold said housings at a desired angle with respect to said bars, and a pair of uprights connected with said bars having handholds whereby a person may grasp the handles and move the



device over the surface of the ground during the operation of the device.

2,066,136
MEANS FOR INSTALLING VALVE SEATS
Richard Burston, Toronto, Ontario, Canada
Application May 14, 1934, Serial No. 725,430
2 Claims. (Cl. 29—1)

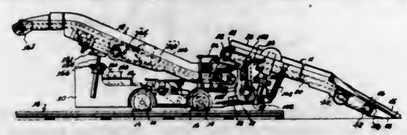


1. A device for installing valve seats comprising a spindle adapted to be rotatably mounted at one end and having an intermediate external threaded portion terminated in an annular shoulder, a collar threaded on the threaded portion of said spindle and having an internal annular shoulder adapted to engage the aforesaid spindle shoulder to effect rotation of the two members in unison, said collar having a sleeve extension and said spindle having a cylindrical extension fitting snugly therein, means for guiding the extremity of said sleeve and spindle extensions, means for effecting rotation of said collar on the spindle to threadedly separate the same axially during a machining operation, and a machining tool associated with the sleeve extension of said collar.

2,066,137
GATHERING AND LOADING MACHINE
Frank Cartlidge, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application July 26, 1933, Serial No. 682,248
Renewed February 29, 1936
14 Claims. (Cl. 198—8)

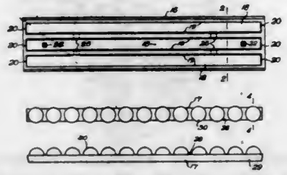
1. In a loading apparatus, a truck including a

truck frame supported on track wheels and a pair of parallel spaced axles, an inclined conveyer having gathering means on the forward end thereof extending from the forward end of said truck frame and adapted to engage the ground at its forward end, said conveyer being supported for pivotal movement with respect to said truck about a vertical axis and for vertical adjustment with respect thereto about a horizontal axis disposed above said truck, and means for maintaining all of said track wheels in engagement with an irregular track when the forward



end of said inclined conveyer is disposed to one side or the other of the track and is in engagement with the ground comprising a compression spring disposed between said main frame and said inclined conveyer for transmitting a greater proportion of the weight of said inclined conveyer to said main frame when the forward end of said inclined conveyer is in engagement with the ground, and a floating connection between each of said axles and said truck wherein said axles have direct transverse supporting engagement with said truck frame.

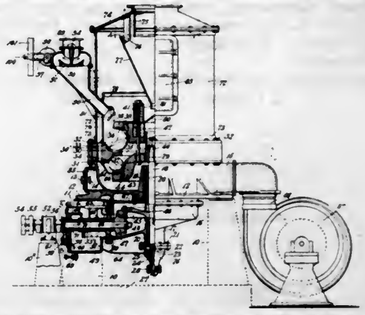
2,066,138
TUBE MILL
John Llewellyn Carr McKay-Clements, New Liskeard, Ontario, Canada, assignor to The Wabi Iron Works, Limited, New Liskeard, Canada
Application February 12, 1934, Serial No. 710,829
1 Claim. (Cl. 83—9)



A tube mill comprising a drum, a plurality of sections secured to the inner circumference of the drum and forming a complete inner lining, each section having a plurality of sunk channels enclosed by flaring side and end walls, inserts in the form of bars extending the length of said channels and snugly fitted therein to the height of said walls and abrading members projecting from said bars and overlapping and abutting on said walls and presenting with the bars and walls a closed peripheral surface.

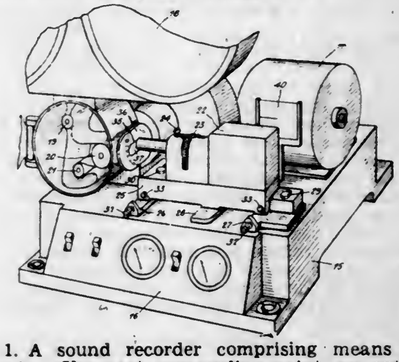
2,066,139
PULVERIZER
Harry Raymond Collins, Allentown, Pa., assignor to The Babcock & Wilcox Company, Bayonne, N. J., a corporation of New Jersey
Application November 4, 1931, Serial No. 573,021
24 Claims. (Cl. 83—45)

1. In a grinding mill, an annular series of grinding balls, a ring plate having an inclined face on which the balls revolve, an annular plate having a plurality of inclined surfaces at obtuse angular relation bearing upon the balls so as to hold them on the inclined face of the ring plate and revolving the balls when itself rotated, means for rotating the second-named plate, and



means holding the same with yielding pressure against the balls.

2,066,140
SOUND RECORDER
Milford E. Collins, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application February 28, 1934, Serial No. 713,293
3 Claims. (Cl. 274—5)



1. A sound recorder comprising means for moving film past a recording point, an optical system for recording sound upon the said film, means for accurately fixing two limiting parallel positions of movement of the optical system in relation to the said film, and a stationary viewing screen on the recorder positioned to cooperate with the optical system at either position.

2,066,141
FILTRATION OF STARCH CONVERTED SUGAR SOLUTIONS
Charles J. Copland, North Kansas City, Mo., assignor to International Patents Development Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application August 14, 1935, Serial No. 36,090
3 Claims. (Cl. 127—55)

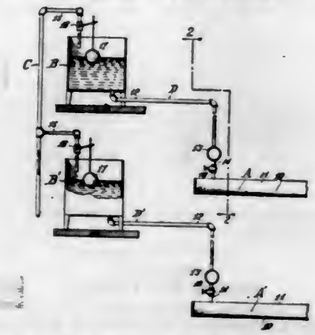
1. The process of clarifying sugar liquors produced through the conversion of corn starch by filtration of said liquors through cloth which comprises: passing the sugar liquor containing slop from the starch making process, in a finely divided state and water soaked, through the filter cloth to pre-coat the same with a filter cake; and then passing through the filter cake and cloth the solution to be clarified into which slop of the character above specified has been mixed.

2,066,142

FEEDING APPARATUS FOR STARCH TABLES

Samuel Shurback, North Kansas City, Mo., assignor to International Patents Development Company, Wilmington, Del., a corporation of Delaware

Application August 24, 1934, Serial No. 741,274
4 Claims. (Cl. 127—26)



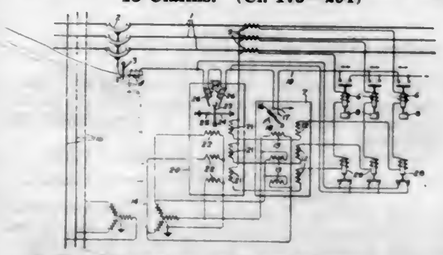
1. In starch tabling apparatus the combination of starch tables consisting of inclined troughs open and free from obstruction at their lower ends; a reservoir for starch liquor; distributing piping leading from the lower part of the reservoir through which the starch liquor is discharged to the table heads; a valve to control the supply of starch liquor to the reservoir; and a float arranged in the reservoir to open said valve at a predetermined liquor level in the reservoir and to close the valve at a predetermined higher liquid level therein for maintaining the starch liquor in the reservoir at levels substantially above the opening from the reservoir into the distributing piping; said reservoir being disposed so as to maintain a head of liquor discharged to the tables sufficient to reduce to a negligible minimum the effect on the rate of flow over the tables of fluctuations in the liquor level in the reservoir, due to the intermittent operation of the float controlled valve.

2,066,143

PROTECTIVE APPARATUS FOR ALTERNATING CURRENT POWER SYSTEMS

Selden B. Crary, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application February 27, 1934, Serial No. 713,085
13 Claims. (Cl. 175—294)



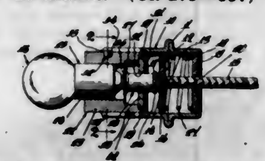
1. In combination with an alternating current power circuit having circuit interrupting means therein arranged to control the power supplied to the circuit, means responsive to a predetermined abnormal condition in said circuit for controlling said interrupting means and means responsive to the transfer of an excessive amount of power by said line for rendering said controlling means ineffective to control the interrupting means.

2,066,144

ELECTRICAL CONNECTION MEANS

Harry A. Douglas, Bronson, Mich.

Application July 8, 1935, Serial No. 30,278
12 Claims. (Cl. 173—357)



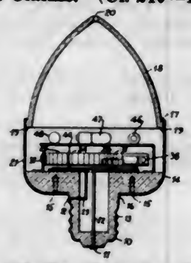
1. In combination: socket means providing a socket of predetermined size; adapter means for receiving electrical plug connection means of a size smaller than said predetermined size; a movable contact for said adapter means; bayonet connection means, having an element provided on said socket means and an element provided on said adapter means, for connecting said adapter means and said socket means; and a single resilient means for biasing said bayonet connection elements into seated relation and for biasing said movable contact.

2,066,145

CHANGEABLE COLOR ELECTRIC LAMP

John H. Fink and Max Horowitz, Woodhaven, N. Y.

Application June 13, 1933, Serial No. 675,559
9 Claims. (Cl. 240—1)



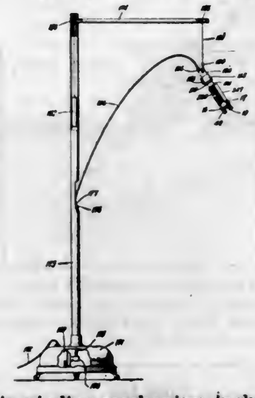
1. A device of the character described comprising a base having two electric contacts, a casing associated with said base, a thermostatic member arranged in the casing to flex when heated, an electrical resistance coil about said member to heat the same, one end of said coil being connected electrically to one of said contacts, an arm fulcrumed in said casing, the other end of said coil being connected electrically to said arm, an electric terminal connected to the other of said contacts and engaging electrically said arm, a ratchet, said ratchet and said arm being associated with said member in such manner that the flexing of said member will cause successive movement of said ratchet and electrical disconnection of said arm from said terminal, a ratchet wheel adapted to be rotated by said ratchet when the latter is moved, a metal plate rotatable with said wheel, electric contact points arranged in the casing, means to connect electrically said plate with each contact point in succession as said wheel is rotated, said plate being connected electrically to one of said base contacts, electric bulbs located within said casing, said points being respectively, connected electrically to one terminal of said bulbs, the other terminal of said bulbs being connected electrically with the other of said base contacts.

2,066,146

METHOD AND MEANS FOR CURLING HAIR

Virginio Jean Gentile, Summit, N. J.

Application May 11, 1933, Serial No. 670,459
24 Claims. (Cl. 132—36)



1. Hair winding mechanism including in combination a mandrel attachable to a tress on a head, a curl winding device for winding the tress around the mandrel and means movable with the winding device during the winding operation for preventing turning of the mandrel.

2,066,147

COMPASS

Helal Hassenfeld, New York, N. Y.

Application May 4, 1935, Serial No. 19,787
4 Claims. (Cl. 33—152)



1. In a compass or similar instrument, a pencil holding device, comprising a tubular member attached to one of the compass legs and adapted to receive a pencil and having an opening extending its full length and formed with a pair of lugs at each end of the tubular member, a clamp strip disposed in said opening and pivoted at one end upon one pair of said lugs, a handle pivotally mounted on the other pair of said lugs and extending over said clamp strip and having a lip adapted to engage the clamp strip to force it against the pencil when moved past a dead center by moving the handle, and a wedge adjustably mounted on the clamp strip and adapted to coact with said lip by which the device may hold pencils of various diameters.

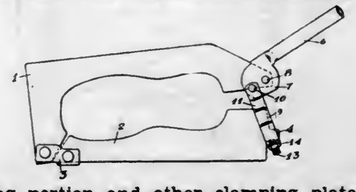
2,066,148

CLAMP

William G. Heiber and Emil R. Meng, Rochester, N. Y., assignors to said William G. Heiber, doing business as William Heiber & Son, Rochester, N. Y.

Application March 30, 1935, Serial No. 13,919
3 Claims. (Cl. 12—107)

1. A shoe clamp comprising a pair of separable clamping plates, an operating lever having a bifurcated portion straddling and pivotally secured to one of said clamping plates, a locking portion on the other clamping plate, and a retaining member having its ends straddling and pivotally connected to said operating lever eccentrically thereof, said retaining member straddling said



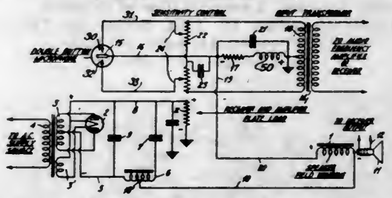
locking portion and other clamping plate and movable over said plate while assuming locking position, the pivotal points of the operating lever and retaining member being substantially in line with the point of engagement between the retaining member and locking portion when the parts are in clamping position.

2,066,149

SELF-EXCITED MICROPHONE CIRCUIT

Alva R. Hopkins, Merchantville, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application October 4, 1932, Serial No. 636,130
5 Claims. (Cl. 179—1)



1. In combination, a source of alternating current energy, a rectifier therefor, a filter circuit connected to the rectifier and providing positive and negative power supply leads, a reactor connected in the negative power supply lead, a microphone having a diaphram and at least one button, an audio frequency amplifier, and connections between the microphone and the input of said audio frequency amplifier including an adjustable resistor in series with said button for varying the sensitivity of said microphone output, said connections also including means for biasing the microphone comprising a resistor having one end thereof grounded and the other end connected to the positive side of said reactor.

2,066,150

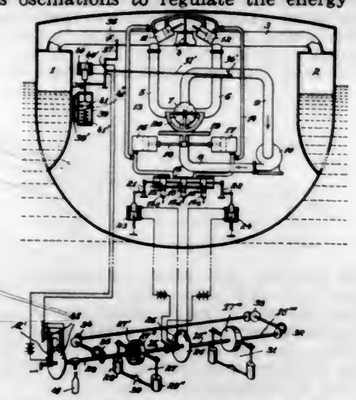
SHIP STABILIZER

Hermann Hort, Berlin-Charlottenburg, Germany, assignor to Gesellschaft für Elektrische Apparate m. b. H., Marienfelde, near Berlin, Germany, a corporation of Germany

Application November 19, 1932, Serial No. 643,351
In Germany November 20, 1931
9 Claims. (Cl. 114—125)

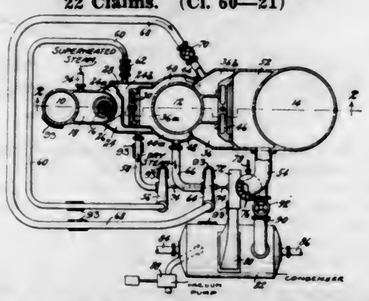
1. In a ship stabilizer of the type in which stabilizing masses are shifted alternately in opposite directions in response to periodical oscillations of the ship, the combination of an actuating device for effecting a shifting of said masses in response to such oscillations of the ship, a controlling device for reversing the direction in which said actuating device shifts said masses,

a separate controlling device movable principally in response to changes in the amplitude of the ship's oscillations to regulate the energy deliv-



ered by said actuating device, and means for substantially preventing operation of said last named controlling device in response to individual oscillations of the ship.

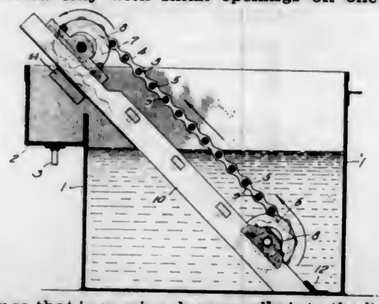
2,066,151
RECIPROCATING STEAM ENGINE
Johan Erik Johansson, Gothenburg, Sweden, assignor to Aktiebolaget Gotaverken, Gothenburg, Sweden, a corporation of Sweden
Application July 16, 1934, Serial No. 735,313
In Sweden January 16, 1930
22 Claims. (Cl. 60—21)



1. In a steam power plant, a reciprocating steam engine having a plurality of cylinders for serial expansion of steam therein, means for admitting steam to and exhausting steam from each of said cylinders, a condenser, a low pressure turbine receiving steam from a low pressure cylinder of the engine and exhausting steam to said condenser, a pump driven by said turbine, a conduit for conducting at least the major portion of the steam exhausted from one of said cylinders to the suction side of the pump, and a conduit for conducting steam from the discharge side of the pump to the means for admitting steam to the cylinder next in the series after the cylinder exhausting the steam conducted to the pump.

2,066,152
FERRIC CHLORIDE FEEDER
William C. Laughlin, Bayport, N. Y., assignor to Filtration Equipment Corp., New York, N. Y., a corporation of Delaware
Application July 8, 1935, Serial No. 30,314
4 Claims. (Cl. 198—140)

1. A feeding mechanism for liquids comprising a feeding tank containing liquids, a discharge launder adjacent to the tank, an endless chain of substantially closed feeding vessels in said tank and extending over the launder, said vessels being provided only with small openings on one side

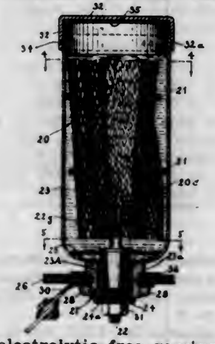


only so that in moving downwardly into the liquid, air in the vessels is compressed and released in the form of jets when the endless chain reverses direction in the liquid.

2,066,153
CATALYTIC COMPOSITION AND PROCESS FOR PREPARING SAME
Wilbur A. Lazier, Marshallton, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Original application July 23, 1930, Serial No. 470,238. Divided and this application December 31, 1931, Serial No. 584,293
20 Claims. (Cl. 23—237)

1. A process of forming a catalyst composition which comprises precipitating from an aqueous medium with a chromate of a nitrogen base a mixture of metal chromates, at least one of which is a chromate of a hydrogenating metal whose oxide when exposed for several hours in the pure state to the action of hydrogen at 400° C. will remain substantially in the oxide form and another of which is a chromate of a hydrogenating metal whose oxide when exposed for several hours in the pure state to the action of hydrogen at 400° C. will be reduced substantially to the metal, and converting the said mixture of metal chromates into one containing the corresponding metal chromites.

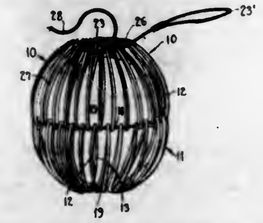
2,066,154
ELECTROLYTIC DEVICE
John L. Lotsch, Brooklyn, N. Y.
Application February 15, 1935, Serial No. 6,684
7 Claims. (Cl. 175—315)



2. In an electrolytic free-gassing condenser a film-forming anode in the shape of a metal

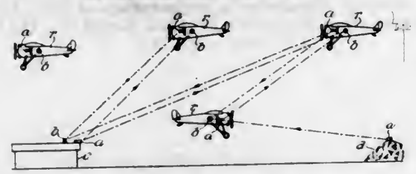
grating, spirally surrounding a free central duct in such manner that the complete roll forms a conical frustum, each helical turn being inclined at the same angle toward the mathematical axis of said frustum.

2,066,155
KNITTING BALL CARRIER OR SIMILAR ARTICLE
Max C. Meyer, Brooklyn, N. Y.
Application May 8, 1935, Serial No. 20,324
7 Claims. (Cl. 242—146)



1. A carrier for knitting balls or similar articles, comprising a receptacle formed of flexible interlocked grill sections, each having free ends, expansible means connecting the respective grill sections and serving to control the diameter of the carrier, means for connecting the free ends of one of the grill sections to form an extensible aperture for the carrier, said last-named means serving to provide a loop for supporting the carrier, the aperture of said carrier when supported by said loop being restricted.

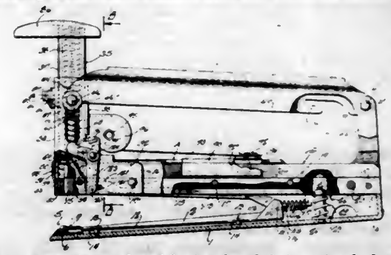
2,066,156
SIGNALING MEANS
Glenn Muffly, Detroit, Mich.
Application April 25, 1929, Serial No. 357,972
16 Claims. (Cl. 177—352)



1. An aircraft signaling system comprising, in combination, a sending means adapted to send out waves of a predetermined constant frequency, and a receiving means for said waves adapted to produce a sensible signal only upon receiving said waves at a frequency higher than said predetermined frequency, at least one of said means being carried by an aircraft.

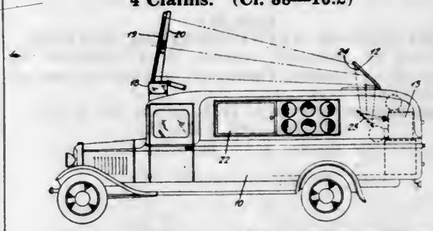
2,066,157
STAPLING MACHINE
William G. Pankonin, Chicago, Ill.
Application January 28, 1933, Serial No. 653,985
44 Claims. (Cl. 1—3)

1. A stapling machine of the type having a base, an anvil thereon, a staple carrying arm pivoted to the base and provided with a magazine for the staples and a staple driving tool, said anvil comprising a fixed anvil member against which the legs of the staple are flattened and a cooperable anvil member shiftable longitudinally of the base and having means for initially bending the legs of the staple, and means for withdrawing said shiftable anvil member from the



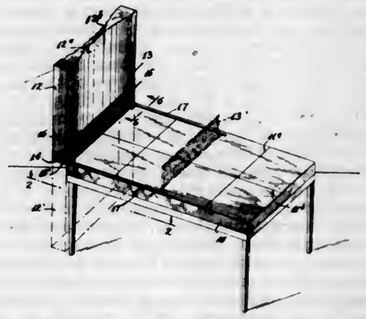
field of action of said staple driving tool during the final bending of said legs.

2,066,158
PROJECTION OF MOVING PICTURES
Edward B. Patterson, Merchantville, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application February 17, 1933, Serial No. 657,158
4 Claims. (Cl. 88—16.2)



1. The combination of a vehicle including a roof provided with a relatively small opening substantially smaller than that required for direct projection, a cover for said opening, a screen mounted on the roof, a motion picture projector within the vehicle, a mirror for receiving light from the projector through the opening and for reflecting the received light to the screen and means mounted within the vehicle for reproducing sound synchronously with the projection of the picture.

2,066,159
DEFLECTOR BALL GAME
Charles Edward Post, Brooklyn, N. Y., assignor of one-half to Emmanuel L. Delyra and one-half to Aaron Kaufman, both of New York, N. Y.
Application January 8, 1936, Serial No. 58,035
6 Claims. (Cl. 273—30)



1. A deflector ball game, comprising a table with field lines thereon and having a ledge, a vertical

member mounted on said ledge and adapted to be moved to an inoperative position and formed with a deflecting surface, and a net covering the lower portion of said vertical member, said vertical member being hingedly mounted so that it may be lowered to an inoperative position to allow other games to be played on the said table.

2,066,160

PRODUCTION OF N-VINYL COMPOUNDS

Walter Reppe and Ernst Keyssner, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application May 21, 1935, Serial No. 22,562. In Germany May 29, 1934
7 Claims. (Cl. 260—46)

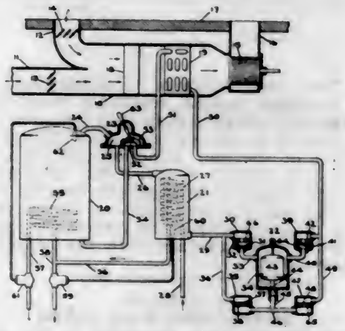
1. The process of producing N-vinyl compounds which comprises reacting acetylene at a temperature above 100° C. with pyrrole compounds in the presence of a substance selected from the group consisting of the alkali metals, alkali metal hydroxides and alcoholates.

2,066,161

REVERSIBLE REFRIGERATING SYSTEM

Edward W. Roessler, Nutley, N. J., assignor to General Electric Company, a corporation of New York

Application March 6, 1936, Serial No. 67,497
1 Claim. (Cl. 137—78)



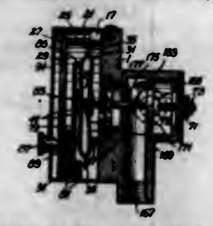
A flow controlling device for reversible refrigerating systems including a valve block, means including a chamber arranged below said block for collecting liquid refrigerant, means including two inlet passages arranged in said block and communicating with said chamber for admitting refrigerant to said chamber, a discharge valve for said chamber, means including a float arranged in said chamber for operating said discharge valve, means including two outlet passages in said block and a conduit providing communication between said discharge valve and said outlet passages for removing liquid refrigerant from said chamber, a refrigerant conduit in communication with one of said discharge connections and with one of said inlet connections, a second refrigerant conduit in communication with the other of said discharge connections and with the other of said inlet connections, and means including check-valves arranged in said discharge connections and in said inlet connections for maintaining the same direction of flow of refrigerant through said discharge valve regardless of the direction of flow of refrigerant through said refrigerant conduits.

2,066,162

THERMOSTATIC CONTROL

John A. Spencer, Newtonville, Mass., assignor to General Plate Company, Attleboro, Mass., a corporation of Massachusetts

Original application October 14, 1932, Serial No. 637,854. Divided and this application August 27, 1934, Serial No. 741,547
4 Claims. (Cl. 236—48)



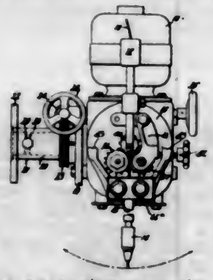
3. A thermostatically controlled valve comprising a valve casing having inlet and outlet ports, and a valve seat between said ports, a valve closure element adapted to seat upon said valve seat, a radially corrugated, snap-acting thermostatic disc mounted at its periphery, and means interconnecting the central portion of said disc and said closure element, means controlling the operating temperature of said thermostatic disc comprising a resilient element bearing upon at least one point on the surface of said disc, said point being located between the central portion and the periphery of said disc, and means controlling the operating differential of said disc comprising means for adjusting the position of said point between the central portion and the periphery of said disc.

2,066,163

WELDING APPARATUS

Robert M. Stephens, Scotia, and Verni J. Chapman, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York

Application November 20, 1934, Serial No. 753,860
4 Claims. (Cl. 219—8)



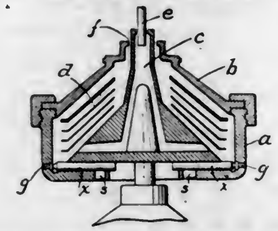
1. Welding apparatus comprising a gear box adapted for mounting in either a right or a left hand position, a speed changing gear reduction in said gear box, a spindle connected to said gear reduction and projecting from said gear box, means supported on said gear box and responsive to a characteristic of a welding arc for rotating said spindle through said gear reduction in the proper direction and at the proper speed for striking and maintaining a welding arc, a plate supported on said gear box for rotation about the projecting end of said spindle, means reacting against said gear box for rotating said plate about said spindle, means supported on said plate for guiding an electrode across the axis of rotation of said spindle, means for supplying welding current to said electrode, a plurality of feed rolls, means forming a driving connection between said spindle and one of said feed rolls, means for supporting said gear box, and means for rotating said last mentioned means about an axis at right angles to and intersecting the axis of said spindle in the electrode supported in said guiding means.

2,066,164

PROCESS OF PURIFYING AND DEWAXING MINERAL OILS

George J. Strezynski, Poughkeepsie, N. Y., assignor to The De Laval Separator Company, New York, N. Y., a corporation of New Jersey

Application June 27, 1935, Serial No. 28,655
7 Claims. (Cl. 196—21)



4. The process of substantially completely dewaxing mineral oil which has been chilled to a wax-precipitating temperature and reacted with sulfuric acid, which comprises continuously flowing the resultant chilled mixture of oil and acid sludge into a revolving separator bowl and therein separating the same into three phases, namely, a peripheral sludge phase, an inner pure oil phase and an intermediate phase comprising oil containing wax in suspension, continuously discharging the pure oil phase, alternately accumulating and discharging the sludge phase, alternately outflowing the intermediate phase from the separating space of the bowl and arresting said outflow, outflowing the intermediate phase while the sludge phase is accumulating, arresting the outflow of the intermediate phase after a definite amount of the sludge phase has accumulated, starting the discharge of the sludge phase after the outflow of the intermediate phase has been arrested, and starting the outflow of the intermediate phase during the discharge of the sludge phase.

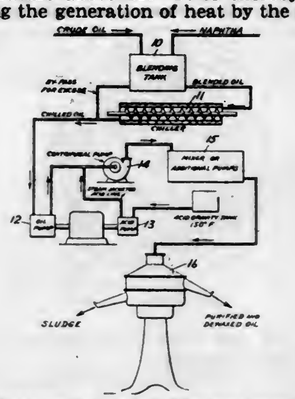
2,066,165

PROCESS OF PURIFYING AND DEWAXING MINERAL OILS

George J. Strezynski, Poughkeepsie, N. Y., assignor to The De Laval Separator Company, New York, N. Y., a corporation of New Jersey

Application June 27, 1935, Serial No. 28,656
2 Claims. (Cl. 196—21)

1. In the process of purifying and dewaxing mineral oil to obtain therefrom high test pour oil, which comprises chilling the oil to a temperature below 0° F. to precipitate the wax, mixing concentrated sulfuric acid with the mixture of oil and precipitated wax and centrifuging the resultant mixture of waxy acid sludge and purified dewaxed oil and thereby effecting their separation; the improvement which comprises, in the chilling operation, sub-cooling the oil below the temperature that would be required, if cold acid were added, to subsequently produce purified dewaxed oil of the desired pour point, and, in the acid treating operation, adding the acid while at a temperature above 110° F. to thereby, by accelerating the generation of heat by the reaction,



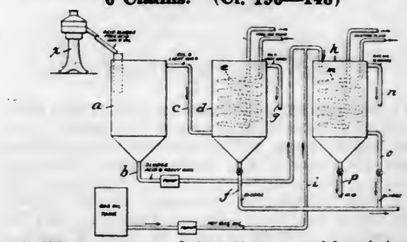
prevent freezing of the acid before completion of the reaction.

2,066,166

PROCESS OF TREATING A COLD MIXTURE OF ACID SLUDGE, OIL, AND WAX

George J. Strezynski, Poughkeepsie, N. Y., and George M. Pfau, Fort Worth, Tex., assignors to The De Laval Separator Company, New York, N. Y., a corporation of New Jersey

Application July 25, 1935, Serial No. 33,074
6 Claims. (Cl. 196—148)



1. The process of treating a cold mixture of acid sludge, oil and wax that has been separated from a purified and dewaxed oil, for recovering from said mixture refined lubricating oil, crystalline wax and petrolatum, which comprises raising the temperature of the mixture while limiting the temperature to within 40 to 60° F., separating oil and light waxes from the acid sludge, free acid and heavier waxes, elevating the temperature of the mixture of acid sludge, free acid and heavier waxes to 120–180° F. and separating the heavy waxes, the free acid and the acid sludge, and distilling from the waxes a substantially oil-free crystalline wax, leaving a petrolatum residue.

2,066,167

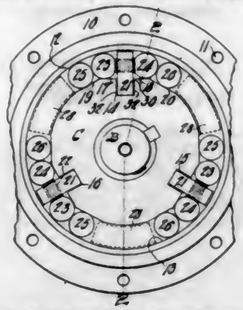
SHAFT OPERATING AND LOCKING DEVICE

Guy E. Swartz, Detroit, Mich.

Application July 18, 1932, Serial No. 623,229
11 Claims. (Cl. 192—8)

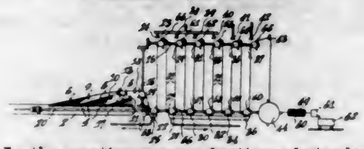
1. In a shaft rotating means, a casing, a rotatable shaft extending into said casing, a driven member carried by said shaft, a contact member loosely carried by said driven member and moving therewith, a motion transmitting member at each side of said contact member and between said casing and said driven member, and a rotatively movable driving member having a part to positively transmit motion of said driving

member to said motion transmitting members and to said contact member to rotate said driven



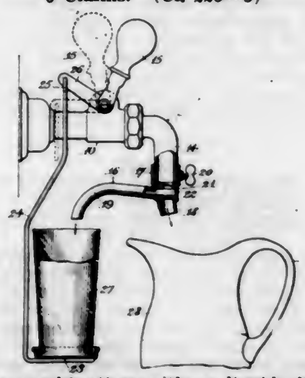
member and said shaft positively upon rotation of said driving member.

2,066,168
METHOD OF MANUFACTURING STAPLE FIBER
Erhard Witte, Berlin-Lichterfelde, Germany, assignor to North American Rayon Corporation, New York, N. Y., a corporation of Delaware
Application June 27, 1935, Serial No. 28,679
In Germany July 3, 1934
9 Claims. (Cl. 18—54)



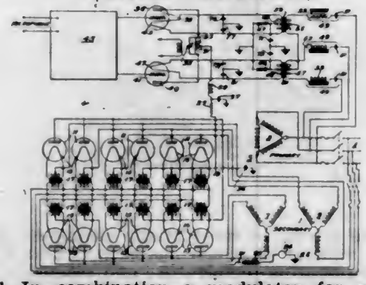
1. In the continuous production of staple fiber from threads of artificial origin the steps comprising wet-treating a freshly extruded bundle of threads by passing the said bundle vertically upwardly and downwardly over a plurality of rollers, wet-treating said bundle in its upward passage only under little or no tension, drying the threads, and then passing them to a cutting device.

2,066,169
LIQUID MEASURING DEVICE
Michael J. Zwosta, Brooklyn, N. Y.
Application September 5, 1935, Serial No. 39,347
6 Claims. (Cl. 225—5)



3. The combination with a liquid discharge control device, of a Siamese liquid distributor connected with the outlet of said device in order to divert the liquid leaving said outlet so that one stream will flow downwardly and another stream laterally and then downwardly from said outlet, and a receptacle holder connected with said device to operate the latter so as to stop the discharge of liquid when a predetermined quantity of liquid from one of said streams has been discharged by said distributor into a receptacle placed on said holder.

2,066,170
POWER SUPPLY CIRCUIT
Loy E. Barton, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application August 28, 1935, Serial No. 38,202
6 Claims. (Cl. 250—27)



1. In combination a modulator for a radio transmitter including thermionic tubes, a source of alternating current, a rectifier connected to said source and generating direct current and currents of harmonic frequency, said harmonic currents being reflected into said source; said thermionic tubes having anode circuits energized by said direct current, and cathodes energized by said alternating current, and a circuit, comprising a serially connected inductor and capacitor, interposed between said cathodes and said source offering a minimum impedance to currents of the frequency of said source and substantially higher impedance to currents of harmonic frequency.

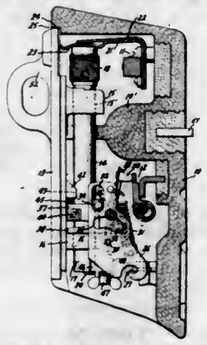
2,066,171
LAMP BRACKET
Allan H. Bell, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill., a corporation of Illinois
Application February 21, 1935, Serial No. 7,480
10 Claims. (Cl. 248—200)



10. A lamp bracket having an effective length adapting it to the purposes described, which bracket includes successive portions extending in different directions and is adapted to be secured to a support, said bracket comprising a unitary

slush casting having a continuous passage therethrough resulting from the casting operation, said continuous passage being adapted to receive electric conductors, said bracket having spaced openings communicating with said passage for connection respectively with a support and with a lamp socket, said openings having screw threads for connection with said support and said lamp socket.

2,066,172
FUSE CUT-OUT
Ralph S. Bennett, Pittsfield, Mass., assignor to General Electric Company, a corporation of New York
Application March 13, 1936, Serial No. 68,701
10 Claims. (Cl. 200—114)



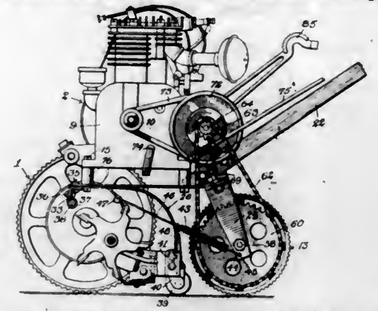
1. In an electric cutout, the combination of a housing having an opening in a side thereof and having a movable door for closing the opening to protect the interior of the housing from adverse weather conditions, an expulsion fuse unit mounted and electrically connected within the housing, and means supporting the door on said fuse unit with the rim of the door in closely cooperative substantially weathertight relation with respect to the rim of said opening and operative upon recoil of the fuse unit incident to fuse operation for minimizing the transmission of shock through the door to the rim of the housing opening.

2,066,173
LUBRICANT
William Stansfield Calcott, Woodstown, and Robert Calvert McHarness, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 24, 1934, Serial No. 722,130
30 Claims. (Cl. 87—9)

1. A lubricant assistant comprising a member of the group consisting of about 1 to about 5 parts of a nitro aromatic compound in combination with about 0.3 to about 2 parts of an amine of the group consisting of aromatic and aliphatic amines and reaction products thereof.

2,066,174
POWER ATTACHMENT FOR LAWN MOWERS
John E. Cregier, Chappaqua, N. Y., assignor to Junior Manufacturing Corporation, Mount Kisco, N. Y., a corporation of New York
Application December 2, 1935, Serial No. 52,569
6 Claims. (Cl. 56—26)

1. The combination of a standard lawn mower and a power attachment disengageably secured thereto, said power attachment including a prime mover, a propelling drum, means for transmitting power from the prime mover to the drum and a clutch for disconnecting said means, said clutch including a swinging pulley, means for swinging said pulley to an inoperative position, a driving belt, and a belt retaining member for holding said belt in contact with said pulley while the pulley



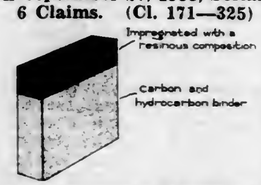
is in said inoperative position, said belt retaining member being positioned immediately below the lower run of the belt passing over said pulley so as to limit the downward swaying movement of said lower run when said pulley has been swung to an inoperative position.

2,066,175
MINING JACK
Henry F. Dietz, Indianapolis, Ind., assignor to Morton L. Gould, Indianapolis, Ind.
Application August 19, 1935, Serial No. 36,776
2 Claims. (Cl. 262—12)



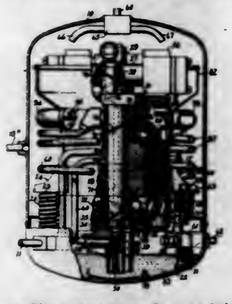
1. A mining jack adapted to enter a drill hole and to expand the same by hydraulic pressure, including an elongated base piece adapted to bear against one side of said drill hole, a plurality of spaced cylinders secured to said base piece, a piston in each of said cylinders, a pressure plate secured to each piston and adapted to press against the opposite side of the drill hole, said plates overhanging their respective cylinders in the longitudinal direction, connections by means of which hydraulic pressure may be applied to each of said cylinders, and springs tending to draw the pressure plates toward the base piece, said springs being secured to the overhanging portions of the pressure plates and lying in the spaces between the cylinders.

2,066,176
COMMUTATING BRUSH
Fred Girvin and William H. Hardman, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York
Application September 27, 1935, Serial No. 42,431
6 Claims. (Cl. 171—325)



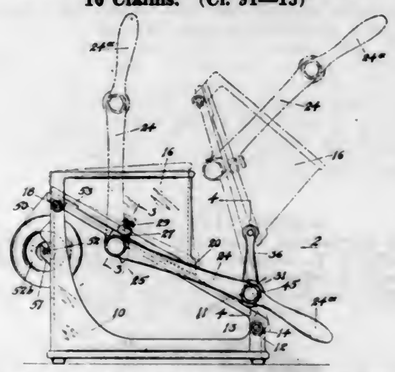
1. A molded commutating brush having a porous commutator contacting end of loosely bonded carbon, and a non-porous conductor contacting end composed of a closely bonded carbon impregnated with a resinous composition.

2,066,177
LUBRICATING SYSTEM
Wilfrid E. Johnson, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application October 24, 1935, Serial No. 46,569
12 Claims. (Cl. 184—6)



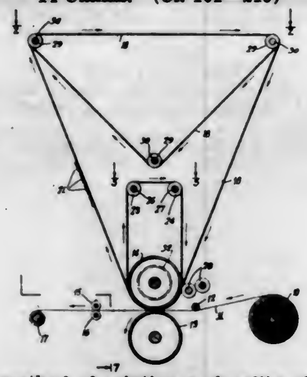
1. A lubricating system for refrigerant compressors or the like providing a substantially uniform flow of lubricant through said system comprising a variable displacement lubricant pump having inlet and outlet ports and discharging a periodically varying quantity of lubricant through said outlet port, means including a suction conduit communicating with said inlet port for supplying lubricant thereto, and means for periodically supplying additional quantities of lubricant to said inlet and for periodically receiving excess lubricant supplied thereto in accordance with the periodic variations in the quantity of lubricant discharged from said outlet of said pump to minimize variations in the rate of flow of lubricant through said suction conduit.

2,066,178
BANDAGE MAKING MACHINE
Hugo Frank Keller, Oneida, N. Y.
Application March 5, 1936, Serial No. 67,410
10 Claims. (Cl. 91—15)



1. In a bandage making machine, the combination, with a table having a plane upper surface, of a hopper-device located toward the rear end of the table and pivotally connected to the table along an axis transverse to the table and at the rear of the hopper-device, a winding arbor rotatable about an axis parallel to the top surface of the table and over the front part thereof, a journal for said winding arbor movable toward and away from the upper surface of the table, and means for rotating said winding arbor.

2,066,179
CONTINUOUS PRINTING METHOD AND APPARATUS THEREFOR
Ray B. Keller, Erie, Pa., assignor to Hammermill Paper Company, Erie, Pa., a corporation of Pennsylvania
Application June 18, 1935, Serial No. 27,147
14 Claims. (Cl. 101—219)



1. A method of printing a plurality of parallel rows of impressions comprising passing a plurality of loops of an endless belt carrying printing forms into contact with a surface to receive said impressions.

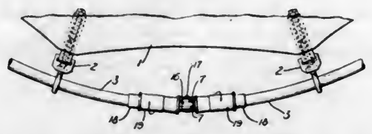
2,066,180
PRODUCTION OF PROTECTIVE COATING ON ALUMINUM AND NONCUPROUS ALLOYS THEREOF
Edwin Cecil Frederick King, Brentford-Middlesex, England, assignor to Pyrene Manufacturing Company, Newark, N. J., a corporation of Delaware
No Drawing. Application June 18, 1935, Serial No. 27,208. In Great Britain July 13, 1934
25 Claims. (Cl. 148—6)

1. The process of producing protective or paint-holding coatings on aluminum and non-cuprous alloys thereof, which comprises treating the non-cuprous aluminum-containing article to be coated with an aqueous composition containing an alkali metal carbonate, an alkali metal chromate, and a carbonate of a metal electro-positive with respect to aluminum which does not react with any of the other constituents of the composition.

2,066,181
PRODUCTION OF PROTECTIVE COATING ON ALUMINUM AND NONCUPROUS ALLOYS THEREOF
Edwin Cecil Frederick King, Brentford-Middlesex, England, assignor to Pyrene Manufacturing Company, Newark, N. J., a corporation of Delaware
No Drawing. Original application June 18, 1935, Serial No. 27,208. Divided and this application June 18, 1935, Serial No. 27,209. In Great Britain July 13, 1934
11 Claims. (Cl. 148—6)

1. The process of producing protective or paint-holding coatings on aluminum and non-cuprous alloys thereof, which comprises treating the non-cuprous aluminum-containing article to be coated with an aqueous composition containing an alkali metal carbonate, an alkali metal chromate, and a neutral salt of an alkali metal, the concentration of the neutral alkali metal salt being maintained at a value not exceeding 1%.

2,066,182
LIFESAVING NET
Charles C. Lenz, Great Kills, Staten Island, N. Y.
Application February 5, 1936, Serial No. 62,410
7 Claims. (Cl. 227—46)



1. In a life net having pipe sections bent to circular form and terminating in straight end portions; connecting means for said sections comprising two members; one of said members having a central hinge portion and plug portions integral therewith and extending one from each end thereof at an angle to the axis of the central portion, one of said plug portions having an extension adapted to enter the straight end portion of one of the pipe sections, and a straight slot extending through said central portion throughout the length thereof and into said plug portions; the other of said members having a plug portion adapted to enter the straight end portion of the other of said pipe sections and a straight tongue projecting from such plug portion at an angle thereto and adapted to enter and fit said slot; said central hinge portion and said tongue having overlapping lugs and a hinge pin passing therethrough, means for securing the said plug portions to the respective pipe sections and releasable means for locking the said tongue and slot in engagement.

2,066,183
CLOSURE CAP FOR RECEPTACLES AND BOTTLES
William T. Mehaffey, Brooklyn, N. Y.
Application March 22, 1935, Serial No. 12,467
3 Claims. (Cl. 116—121)



1. In a device of the class described, a closure cap for receptacles, bottles, and the like, said closure cap being formed with a central depression at its top, two concentric grooves arranged in said depressed area, time-indicating numerals arranged at the periphery of the cap, and means movably mounted in each of said grooves, and adapted to cooperate with said time indicating numerals.

2,066,184
INSECTICIDE AND INSECT REPELLENT AND METHOD OF MAKING THE SAME
Louis A. Mikeska, Elizabeth, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application October 29, 1932, Serial No. 640,345
16 Claims. (Cl. 167—24)

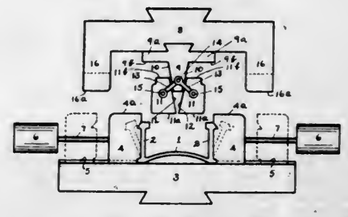
1. An improved insecticide, comprising a hydrogenated extract obtained by extracting petroleum oil with a solvent having a preferential solvent action for aromatic and unsaturated hydrocarbons of a petroleum oil separating the solvent from the extract, hydrogenating the separated extract and dissolving in the hydrogenated extract the active principles of a fish poisoning plant.

2,066,185
WIENER ROASTING DEVICE
Clarence O. Miller and Fred A. Stahl, St. Paul, Minn.
Application March 23, 1936, Serial No. 70,187
1 Claim. (Cl. 53—5)



A device of the class described, comprising a pair of rods slidably connected by loops on one rod encircling the other rod, a supporting handle for said rods, a spring encircling one rod and interposed between the handle and the loop carried by the other rod, the outer ends of the rods being bent to form upwardly extending, opposed curved jaws and being oppositely bent to form jaw portions projecting below the rods.

2,066,186
TRUING DIE AND METHOD
Ralph A. Mitchell, Edgeworth, Pa., assignor to The Cleveland Tractor Company, a corporation of Ohio
Application July 2, 1935, Serial No. 29,496
9 Claims. (Cl. 153—34)



1. The herein described method of truing forged tractor shoes and similarly shaped forged articles comprising an arcuate web with side walls inclined oppositely from the web and having terminal flanges extended inwardly toward each other which comprises positioning the forging on a supporting bed with the side walls extending outwardly and upwardly therefrom, forcing side-shaping elements against the outer faces of the forging walls bringing the walls into position approximately parallel to each other, in such proximate position of the side elements providing abutment therebehind, and truing the forging wholly by vertically directed compressive forces exerted upon the web and the upper surfaces of the forging side walls and by expanding forces exerted against the inner surface of the forging walls and through the forging walls against the abutment-supported side dies.

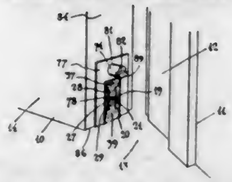
5. The combination of dies for shaping and truing channel-shaped forgings comprising a basal element or bed, side dies adapted to lie as abutments against the outer surfaces of the side walls of a channel-shaped forging, with a platen-carried die assembly movable toward and from said bed comprising a centrally positioned spreading member and die elements arranged to be separated thereby together with wings extended laterally from the base of the spreading member, said die assembly being so proportioned and arranged that both the central expansible structure of the assembly and the wings of the assembly may enter between the side dies respectively to bear upon the web and the upper side wall surfaces of the channel-shaped forging.

2,066,187
SPRING DEVICE
Emil H. Piron, Highland Park, Mich., assignor, by mesne assignments, to Transit Research Corporation, New York, N. Y., a corporation of New York
Application September 21, 1933, Serial No. 690,472
3 Claims. (Cl. 267—21)



1. A composite cushioning element adapted for subjection to torsional shear comprising a nest of separate sections arranged concentrically about an intended axis of rotation, each of said sections having a greater modulus of elasticity than the adjacent section as said axis is approached.

2,066,188
WEATHER STRIP
Frank Reese, Minneapolis, Minn., assignor to Reese Metal Weather Strip Co., Minneapolis, Minn., a corporation of Minnesota
Application August 17, 1935, Serial No. 36,713
7 Claims. (Cl. 20—68)



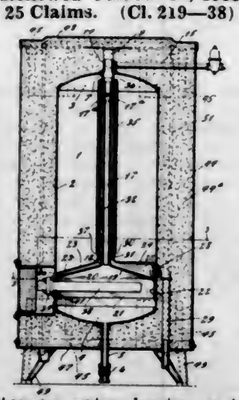
5. The combination with a door frame and a door hinged at one side thereof to said frame, of a weather strip at the lower marginal portion of said door for closing the space between the floor and the closed door, said weather strip comprising a drop, a guide therefor having side walls, said drop being movable into projected and retracted positions relative to said guide, said drop comprising upper and lower resilient sealing strips and an intermediate bar-like frame common to said strips, said upper sealing strip being compressed between said side walls of said guide and in yielding brushing engagement therewith, means for projecting the drop and thereby bringing the lower sealing strip thereof into yielding engagement with the floor, and means for retracting said drop.

2,066,189
PROCESS FOR PRODUCTION OF THIOETHERS FROM MERCAPTANS
William Seaman, Glens Falls, N. Y., and John R. Huffman, Elizabeth, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application January 6, 1932, Serial No. 585,156
4 Claims. (Cl. 260—151)

1. Process for preparing thioethers, which comprises contacting mercaptans at a suitable reaction temperature with a catalyst essentially comprising a sulfide of the group zinc, tin, bismuth, aluminum, and iron.

4. A process for the production of thioethers which comprises contacting mercaptans at a suitable reaction temperature with a catalyst essentially comprising a compound selected from the group consisting of sulfides and compounds readily convertible into sulfides by hydrogen sulfide under the reaction conditions of metals of groups II to VIII of the periodic system deposited on activated charcoal.

2,066,190
APPARATUS FOR HEATING WATER
Paul G. Swars, Larchmont, N. Y.
Application January 4, 1933, Serial No. 650,106
Renewed October 11, 1935
25 Claims. (Cl. 219—38)



1. In a storage water heater, a tank, a cold water feed supply conduit extending downward through said tank and delivering cold water to the lower portion of the tank, said conduit having an opening located in the upper portion of the tank, and an electric heating element in said conduit, whereby said conduit delivers cold water to said element to be heated thereby, and will conduct a reverse flow of heated water from the element and through said opening into the upper portion of the tank.

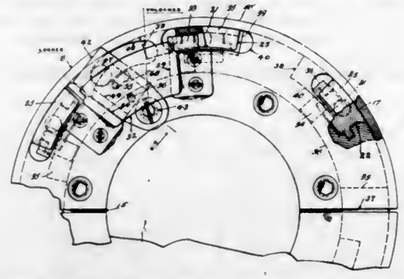
2,066,191
PREPARATION OF OLEFINIC THIOETHERS
Luther B. Turner, Elizabeth, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application May 3, 1933, Serial No. 669,197
10 Claims. (Cl. 260—151)

1. The method of producing an olefinic thioether which comprises heating a ketone mercaptol of the formula $(RS)_2C(R')_2$ in which R is either an alkyl or an aryl group and R′ is an alkyl group, to a temperature at which a mercaptan is split off.

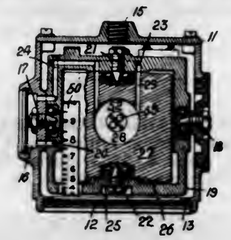
10. Process for preparing isopropenyl ethyl thioether which comprises reacting ethyl mercaptan with acetone to produce acetone diethyl mercaptol and heating the latter to a temperature of about 80 to 120° C., withdrawing the resulting vaporized products of decomposition and separating isopropenyl thioethyl ether from said products.

2,066,192
PLATE CLAMP FOR PRINTING MACHINES
Harry V. Ball, Concord, Mass., and Frederick Lamatsch, Grantwood, N. J., assignors, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York
Application February 21, 1934, Serial No. 712,306
24 Claims. (Cl. 101—378)

1. The combination with a mechanism for actuating longitudinally movable plate clamps on a printing cylinder, of a manually controlled member to actuate said clamps, a removable tool cooperating therewith, means to prevent the withdrawal of said tool when the plate clamps are in an unlocked position, and means for locking the manually controlled member when the tool is withdrawn.



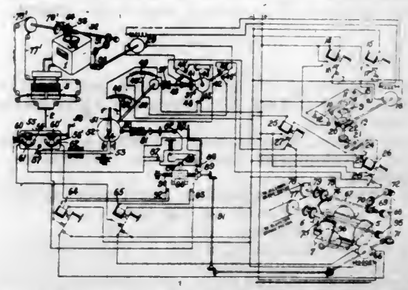
2,066,193
INERTIA ATTITUDE INDICATOR FOR AIRCRAFT
Preston R. Bassett, Rockville Centre, and Bert G. Carlson, Queens Village, N. Y., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York
Application June 29, 1934, Serial No. 733,024
2 Claims. (Cl. 33—206)



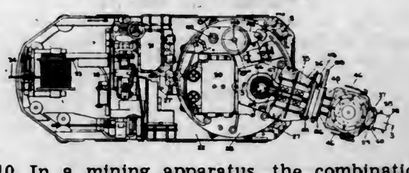
1. An indicator for airplanes comprising a casing, a gimbal ring mounted in said casing for pivotal movement, a normally stationary body mounted in said ring on an axis at right angles to said gimbal ring axis, said ring and body each being free so as to indicate the degree of roll or loop, an indicator finger mounted on said ring so as to be readable on circular bank indications carried by said central body, a mask in the window of said instrument, a second indicating member carried by said gimbal for indicating the fore and aft inclination of the plane, air ports in said body, and a cup shaped shutter pivoted on said body adjacent said air ports for governing said central body and holding the same stationary.

2,066,194
AUTOMATIC SPIRALING DEVICE FOR AIRCRAFT
Mortimer F. Bates, Brooklyn, N. Y., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York
Application April 27, 1934, Serial No. 722,703
15 Claims. (Cl. 244—77)

1. In an automatic pilot for aircraft, the combination with a directional base line, a servo-motor and a rudder, of control elements actuated by said base line and servo-motor, the relative position of which governs the servo-motor, motive means for continuously shifting the relative position of said elements, whereby a continuous turn is caused, and means for varying the rate of turn at will.

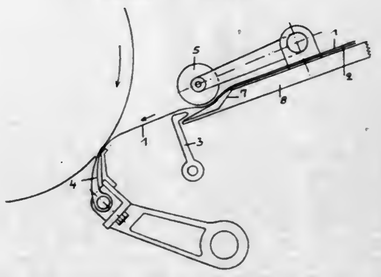


2,066,195
MINING MACHINE
John S. Beltz and Lewis E. Mitchell, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company, a corporation of Ohio
Application March 31, 1934, Serial No. 718,452
27 Claims. (Cl. 262—28)



10. In a mining apparatus, the combination with a portable support, a kerf cutting mechanism mounted thereon, power operated mechanism for effecting rotary adjustment of said kerf cutting mechanism on a horizontal axis, means for automatically stopping rotation of said mechanism in selected intersecting planes, and motor operated mechanism for operating said kerf cutting mechanism in adjusted position.

2,066,196
SHEET SEPARATING MECHANISM
Karl Blaettner, Radebeul, Germany
Application December 24, 1935, Serial No. 56,036
In Germany March 6, 1935
7 Claims. (Cl. 271—38)



2. In a printing press, or the like, with a feed of successively underlapped sheets, a sheet separating apparatus comprising a lay mark, an overmark, and a pressing member adapted to deflect a gripped sheet and the front edge of the second sheet at such a time as the gripped sheet is passing around the overmark and the front edge of

the second sheet has not reached the overmark, and to such an extent that the leading edge of the second sheet is forced under the overmark.

2,066,197

OIL SOLUBLE SULPHONATES OF ACTIVE BASES AND THE METHOD OF PREPARING THE SAME

Hyym E. Buc, Roselle, N. J., assignor to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application September 4, 1929, Serial No. 390,434

6 Claims. (Cl. 260—25)

2. Salts of alkaloids formed by combining alkaloids with oil-soluble sulphonic acids derived from petroleum oil treated with concentrated sulphuric acid.

2,066,198

PROCESS FOR PREPARING GRIGNARD COMPOUNDS

Hyym E. Buc, Roselle, N. J., assignor to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application February 26, 1932, Serial No. 595,333

9 Claims. (Cl. 260—11)

2. The process for preparing Grignard compounds of the general formula R—Mg—X, where R is an alkyl group and X is a halogen, which comprises feeding an alkyl halide into one part of a reaction zone where said halide is contacted with a large excess of magnesium of a form having large surface area, and removing the resultant alkyl magnesium halide from another part of said reaction zone as fast as formed to avoid contact of unreacted alkyl halide with the alkyl magnesium halide product as far as possible.

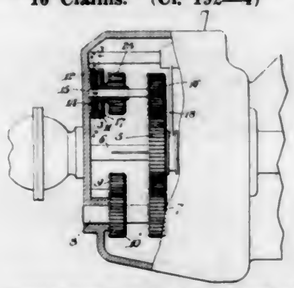
2,066,199

STOP DEVICE FOR AUTOMOBILES

Simon Di Renzo, Landisville, N. J.

Application August 30, 1933, Serial No. 687,449

10 Claims. (Cl. 192—4)



1. In combination with the change gear portion of an automobile transmission, a driving shaft and a driven shaft, a gear element feathered on the driven shaft, two pinions, one cooperating with said gear element when in one driving position, the other cooperating with said gear element when in another driving position, two discs, one rotatable with one pinion, the other rotatable with the other pinion, and a fixed body forming with the peripheries of the two discs, oppositely directed tapering recesses, a rolling element in each recess of diameter less than the depth of its recess at one end and greater than said depth at the other end, for permitting the rotation of each disc in one direction only.

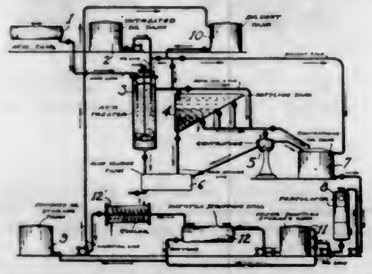
2,066,200

PROCESS OF DECOLORIZING A LUBRICATING OIL STOCK

William A. Eberle, Jersey City, and Marion B. Hopkins, Elizabeth, N. J., assignors to Standard Oil Development Company, a corporation of Delaware

Application April 21, 1934, Serial No. 721,662

1 Claim. (Cl. 196—40)



Process of decolorizing a lubricating oil stock distillate which consists in agitating the stock with sulfuric acid in an amount not substantially exceeding 4 lbs. of 66° Baumé acid per barrel of stock, removing the major portion of the sludge formed by difference in density until the acidity of the stock reaches a value between neutrality and an acidity corresponding to about 1 mg. KOH per gram of stock, and percolating the stock through a layer of coarse clay in an amount greatly in excess of that required to neutralize the acidity of the stock and sufficient to impart to the stock its final desired color.

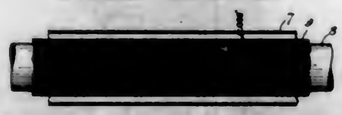
2,066,201

METAL SHIELDED WIRE

Norman H. Jack, Philadelphia, Pa.

Application April 8, 1936, Serial No. 73,330

5 Claims. (Cl. 205—18)



1. The method of producing a metal shielded wire of maximum pliability, by utilizing a metal tube of outside diameter greater than that required of the finished product, and with inside diameter barely sufficient to permit the introduction of the wire into the tube, which consists in first softening the metal of the tube to the greatest possible degree, by annealing, then introducing the wire into the tube and then drawing the tube upon the wire until its outside diameter is reduced to that predetermined for the finished product without appreciably hardening the metal of the tube.

2,066,202

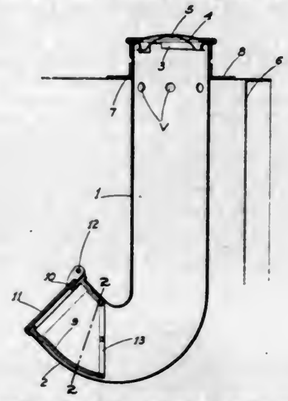
THEFT PREVENTING TANK FILLER TUBE

Webb Jay, Port Washington, N. Y., assignor to May O'Rourke Jay, Miami Beach, Fla.

Application July 19, 1933, Serial No. 681,121

3 Claims. (Cl. 220—86)

1. A theft preventing tank filler tube comprising a tube member depending into the tank and formed at its lower end and on one side with an upwardly facing extension, an upwardly opening self-closing valve over the outer end of said extension and means in the extension ahead of the valve to prevent a siphoning conduit if inserted in the tube from contact with the valve to open



the same without interfering with the flow of liquid into the tank.

2,066,203

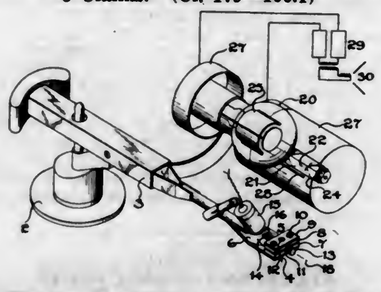
GRAMOPHONE PICK-UP

Edward Noël Johnson, Johannesburg, Transvaal, Union of South Africa

Application October 8, 1935, Serial No. 44,119

In Union of South Africa October 6, 1934

3 Claims. (Cl. 179—100.4)



1. The process of producing sound from a mechanical sound record, which consists in traversing the sound track of said record, by a stylus and thereby oscillating the stylus, imparting the oscillations of the stylus to a beam of light, splitting the oscillating light beam into fractions relatively varying in magnitude, separately delivering the beam fractions to two photoelectric devices arranged in push-pull relationship, and combining the electrical outputs of said devices.

2,066,204

GUIDE-PULLEY BEARING FOR BAND DRIVE IN DENTAL MACHINES

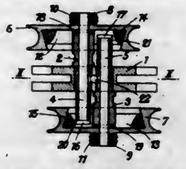
Alois Kaltenbach and Richard Voigt, Potsdam, Germany

Application January 10, 1935, Serial No. 1,246

In Germany June 8, 1934

5 Claims. (Cl. 74—240)

1. A guide device for the driving band of a dental machine, which comprises a link member of the machine frame, bearing bushes fastened therein, axles mounted in said bearing bushes, and pulleys mounted on said axles and provided with undercut recesses containing oil absorbent material on the side nearer the link member, said bushes extending through the link member into



the recess in the pulley whose axle is supported in the adjacent bearing bush.

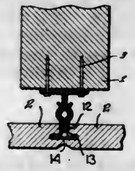
2,066,205

WALLBOARD SECURING MEANS

Paul J. Keating, Fitchburg, Mass.

Application September 11, 1935, Serial No. 40,116

3 Claims. (Cl. 72—118)



2. A building construction comprising a metal strip presenting a base secured to the wall or ceiling and a fin projecting centrally from and longitudinally of the base, a thick sheet of wallboard material, and a metal lug presenting a base inserted in the thick sheet between the surfaces thereof and a bifurcated fin projecting centrally from the base straddling the first fin and interlocked therewith on the outside of the sheet.

2,066,206

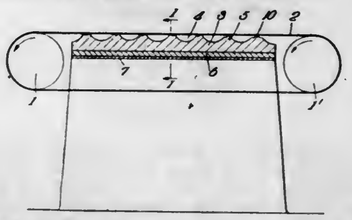
CONVEYER

William Laurie, London, England

Application June 5, 1936, Serial No. 83,803

In Great Britain May 23, 1935

8 Claims. (Cl. 198—184)



1. An endless band conveyer comprising an endless conveyer band, a support for said band, and means for moving said band, the surface of said support being provided with open-ended depressions to reduce the contact surface with the band and being made of material between which and the material of the said band there is a low coefficient of friction.

2.066.207

SNOW PLOW

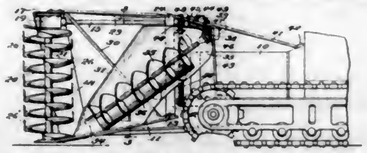
Frank V. Lestina, Monona, Iowa

Application July 30, 1936, Serial No. 93,495

2 Claims. (Cl. 37—43)

1. In a snow plow, a cutter having spirally arranged vertical blades, screw carriers diverging

upwardly and rearwardly from the bottom of the cutter, an arched deflector in rear of the cutter



supporting the carriers, and means for simultaneously rotating the cutter and the carriers.

2,066,208
SOAP COMPOSITION

John B. Lewis, Cranford, N. J., and John C. Bird, Germantown, Pa., assignors to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application April 21, 1932, Serial No. 606,758
2 Claims. (Cl. 87—5)

1. A solid soap composition comprising about 65% to 95% of an alkali metal soap of a fatty acid, 5% to 25% of a hydrocarbon liquid and 0.5% to 10% of sulfonic acid salts derived from mineral oil acid sludge.

2,066,209
SODIUM ALUMINATE

David Lurie, Joliet, Ill., assignor to American Cyanamid & Chemical Corporation, New York, N. Y., a corporation of Delaware

Application October 17, 1934, Serial No. 748,599
11 Claims. (Cl. 23—52)



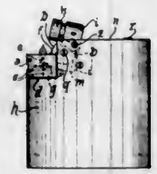
1. A method of making sodium aluminate which includes the steps of digesting an aluminum-bearing earth with an amount of caustic liquor in excess of that theoretically necessary to react with the quantity of earth added, separating the solid residue from the liquid reaction product, adding an additional quantity of aluminum-bearing material uncombined with alkali metal to the liquid reaction product and subjecting the same to heat to cause further reaction between the aluminum-bearing material and the caustic and to remove water.

2,066,210
POCKET LIGHTER

Hermann Maltner, Offenbach-on-the-Main, Germany

Application November 5, 1934, Serial No. 751,440
In Germany October 25, 1933
1 Claim. (Cl. 67—7.1)

A pocket lighter comprising a fuel container provided with a spark-producing wheel pivoted at the upper end of the container and with an open-topped recess at one of the upper corners of the container and extending across the container between the wide sides of the container and extending to one of the narrow sides of the container, means for actuating the spark-producing wheel, a wick-holder on the bottom of the recess, an extinguishing hood normally disposed in the recess so as to cover the wick-holder, a lever upon which the hood is mounted and pivoted about the pivot of the spark-producing wheel, means for actuating the lever about its pivot upon the actuation of the spark-producing wheel to actuate the hood out of the recess by way of the open top of the recess, a substantially U-shaped windshield normally disposed in the recess and normally resting on the bottom of the recess, the three

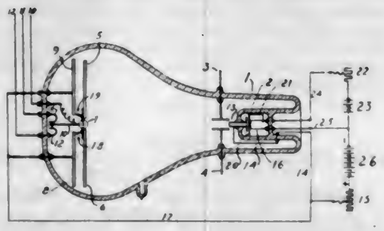


sides of the U of the windshield being substantially flush with the said wide sides and the said narrow side of the container to encircle both the wick-holder and the hood along the said wide sides and the said narrow side when the hood is in the recess, an arm pivoted to the container about a pivot nearer to the top of the container than the pivot of the spark-producing wheel and the hand lever and upon which the windshield is mounted, and means for actuating the arm independently of the hood and irrespective of the position occupied by the hood to actuate the windshield out of the recess by way of the open top of the recess, whereby the windshield, when actuated out of the recess, will occupy a position above the hood when the hood is actuated out of the recess.

2,066,211
ELECTRON CONTACT RELAY

Harold J. McCreary, Chicago, Ill., assignor of one-third to Rodney G. Richardson, Chicago, Ill.

Application February 6, 1931, Serial No. 513,952
24 Claims. (Cl. 250—27.5)



1. A cathode ray device comprising an evacuated chamber, a target in said chamber, means for producing a cathode ray for delivering heat to one side of said target, means supporting said target for movement responsive to radiation of heat from the target, and electrical contacts controlled by movement of said target.

2,066,212
PROCESS FOR THE ACTIVATION OF BENTONITES

Elmore McKellar, Winnipeg, Manitoba, Canada, assignor of one-half to Reginald Roderick Cooper, Winnipeg, Manitoba, Canada

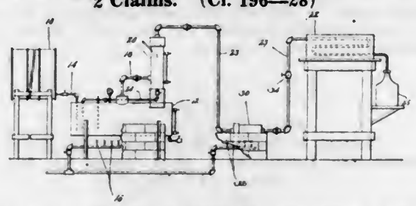
No Drawing. Application October 7, 1935, Serial No. 43,986
4 Claims. (Cl. 252—2)

1. The process of preparing an oil refining earth which consists in boiling a crude clay of the bentonite or subbentonite class in a container with a water diluted solution of a mineral acid, draining off the surplus liquids, washing the clay with fresh water free of salts, then draining the same, and then permeating the drained sludge with a water diluted alkali solution of a concentration sufficient to neutralize remaining acid to obtain proper pH value of the product.

2,066,213
PROCESS OF TREATING PETROLEUM PRODUCTS

William C. Merchant, Everett, Mass.

Application December 6, 1933, Serial No. 701,147
2 Claims. (Cl. 196—28)

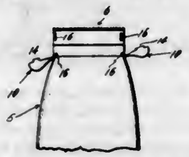


1. In a process of treating petroleum distillates, the step which comprises causing the vapors from the distillation of a petroleum product to contact a reagent consisting entirely of cuprous oxide briquetted with linseed oil while the vapors are in a superheated condition to remove sulphur and gummy matter therefrom.

2,066,214
RAZOR

Raymond W. Meyer, Champaign, Ill.

Application August 20, 1936, Serial No. 97,050
3 Claims. (Cl. 30—43)



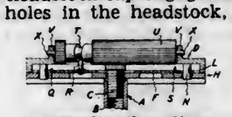
1. An electric razor having a head provided with a chamber opening through the respective opposite ends of the head, and closure flaps for said chamber hinged to said head at said ends thereof.

2,066,215
SAFETY RAZOR AND BLADE THEREFOR

George Elouis Mignon, Waverley, near Sydney, New South Wales, Australia

Application November 21, 1935, Serial No. 50,971
In Australia May 15, 1935
3 Claims. (Cl. 30—46)

1. A safety razor of the oscillating blade class comprising an assembled headstock, a headstock cap, a detachable handpiece and a face roller rotatably mounted on the headstock cap, said face roller having a cam groove on it adapted to drive a blade through a coacting member on the blade, said razor having a runway on the top side of the headstock and a plurality of depending dowel pins on the headstock cap engageable in registering socket holes in the headstock, said runway



forming a longitudinally disposed slide bed adapted to carry a flexible sheet metal blade directly upon it and having a clearance aperture in it intermediate the handpiece attachment and said dowels, and said dowels adapted to act as guides for maintaining the blade in longitudinal alignment with said slide bed.

2,066,216
LUBRICATING COMPOSITION

Floyd L. Miller, Roselle Park, N. J., and Arnold J. Morway, New York, N. Y., assignors to Standard Oil Development Company, a corporation of Delaware

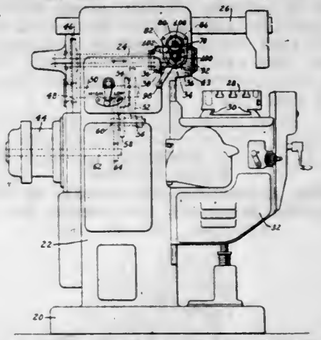
No Drawing. Application June 29, 1933, Serial No. 678,188
4 Claims. (Cl. 87—9)

1. A stable lubricating composition comprising a mineral oil, a soap in grease forming proportion selected from the group consisting of alkali, alkaline earth and lead soaps, and less than 2½% of a metallic soap selected from the group consisting of cobalt oleate, cobalt linoleate, cobalt naphthenate, cobalt soaps of fatty acids obtained by oxidizing paraffin wax, cadmium oleate, cadmium linoleate, cadmium naphthenate, cadmium soaps of fatty acids obtained by oxidizing paraffin wax and manganese linoleate.

2,066,217
MILLING MACHINE

Gothard T. Moo, Auburn, R. I., assignor to Brown and Sharpe Manufacturing Company, a corporation of Rhode Island

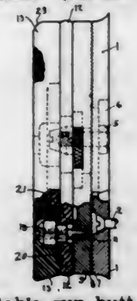
Application April 11, 1935, Serial No. 15,759
10 Claims. (Cl. 90—16)



1. In a milling machine, the combination with a spindle support and a work support relatively movable to perform a milling operation upon the work, of a milling cutter spindle, a spindle bearing unit carried within said spindle support arranged to afford rotational and end thrust bearing support to the spindle, connections for adjusting axially the position of the bearing assembly and spindle and for clamping said unit in

adjusted position comprising a clamping shaft extending transversely of the spindle, a clamping element thereon engaging said unit, a clamping nut screw-threaded to the shaft on the opposite side of the unit, connections for effecting an axial adjustment of said bearing unit and spindle including a manually operable adjusting element loosely sleeved on said shaft between the nut and said unit and arranged to be clamped with said unit between the nut and the clamping member in adjusted position.

2,066,218
ADJUSTABLE GUN BUTT
William J. Morgan, Youngstown, Ohio
Application July 5, 1935, Serial No. 29,781
3 Claims. (Cl. 42—73)



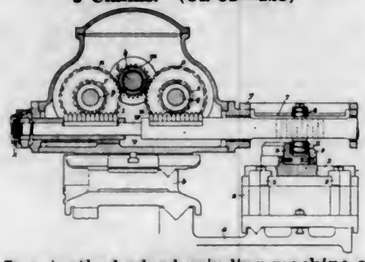
1. In an adjustable gun butt, a pair of plate members, the abutting sides of which are provided with notched surfaces, a bolt and nut holding together said plate members, a slot in one plate member adapted to receive and slidably retain the head of said bolt, a centrally located opening positioned in a recessed portion of the other plate member, a rotatable cam partially positioned within said centrally located opening and held by said bolt and nut for adjusting the recessed plate member to the right or left of the other plate member, and a shoulder portion moulded of soft rubber, a reinforcing steel insert in said moulded shoulder portion, a partially smooth surface on said shoulder portion, gnarled areas in said shoulder portion for the purpose of forming friction areas when under slight pressure, an elastic cushion held in place between said shoulder portion and said plate member, lugs extending through said shoulder portion and said elastic cushion into said plate, nuts for said lugs.

2,066,219
ROAD DIVIDE
Okey J. Morrison, Charleston, W. Va.
Application March 28, 1935, Serial No. 13,552
3 Claims. (Cl. 94—1.5)



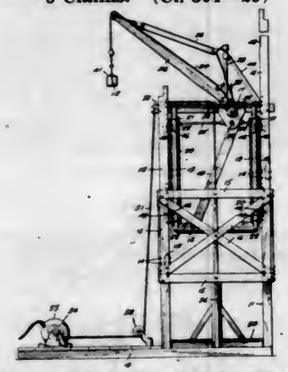
1. A traffic lane marker consisting of a rectangular block having a flat top surface, and end and side surfaces at right angles to said top surface, angular spurs extending laterally from said side surfaces intermediate their ends, the top surfaces of said spurs being inclined downwardly from said block and the side walls of said spurs meeting the side faces of the block at substantially right angles.

2,066,220
MACHINE FOR GRINDING GEAR WHEELS
Arthur Hitchcock Orcutt, Handsworth, Birmingham, England, assignor to The Gear Grinding Company, Limited, Birmingham, England
Application October 23, 1935, Serial No. 46,423
In Great Britain October 26, 1934
3 Claims. (Cl. 51—123)



1. In a toothed wheel grinding machine of the type specified, the combination with a rotatable work holder having an indexing mechanism associated with it, of a pinion on the said holder, a pair of pinions acting on different parts of the first pinion, a pair of relatively adjustable racks, and an inclined abutment for actuating the racks, substantially as described.

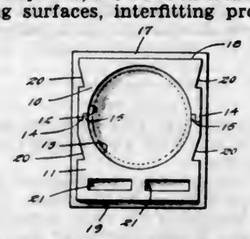
2,066,221
HOISTING TOWER
Ralph V. Payne, Washington, D. C.
Application December 3, 1935, Serial No. 52,716
5 Claims. (Cl. 304—29)



1. A tower of the character described comprising a base, corner posts rising from said base and composed of separably joined sections, a cage arranged between the posts and including superposed platforms, shiftable means carried by the cage and detachably engageable with the posts, means on one of the platforms for operating the said shiftable means, and means removably fitting the first-named means and selectively engageable with the posts for rendering the said first-named means active or inactive.

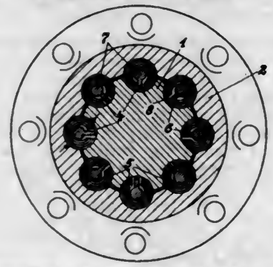
2,066,222
COMBINATION SHAVING KIT AND SHARPENER
Emil Peterson, Jamestown, N. Dak.
Application March 19, 1936, Serial No. 69,694
4 Claims. (Cl. 51—211)

1. A device of the class described comprising separable sharpening sections, said sections having communicating cutaway spaces adapted to retain a receptacle, the walls in said spaces being sharpening surfaces, interfitting projections on



said sections, and grooves on the sides of said sections to facilitate sharpening of special instruments.

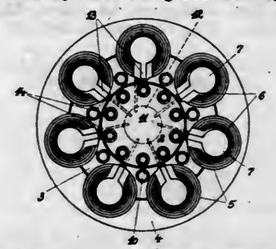
2,066,223
COUPLING
Gustav Pielstick, Augsburg, Germany, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany, a corporation of Germany
Application February 21, 1934, Serial No. 712,335
In Germany February 27, 1933
10 Claims. (Cl. 64—27)



1. A coupling comprising coaxial driving and driven elements having portions adapted for slight relative rotational movement, said portions having a series of bores each partly in the driving element and partly in the driven element and arranged parallel to the axis of said elements, a substantially C-shaped spring in each of said bores for yieldingly connecting the driving and driven elements, a rigid core at the bight portion of the spring around which the spring is curved for the control of the spring flexure, means on said core for contacting the ends of the spring, and cooperating means on said core and one of said elements for holding the core in predetermined position.

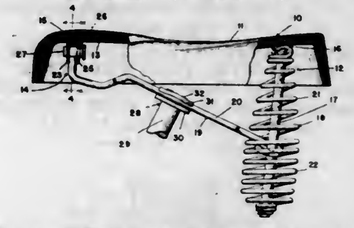
2,066,224
VIBRATION DAMPER FOR SHAFTS
Gustav Pielstick, Augsburg, Germany, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany, a corporation of Germany
Application March 19, 1935, Serial No. 11,834
In Germany March 28, 1934
4 Claims. (Cl. 74—574)

1. In a device of the character described, a crank shaft having a portion provided with an annular series of semi-circular grooves, a flywheel mass surrounding said portion and having a series of semi-circular grooves each adjacent a groove of the crank shaft portion, closure means at the ends of said grooves, a series of nested sleeve springs of cylindrical curvature throughout substantially their entire length but open along one side provided in each of said grooves and movably supporting said flywheel mass on said crank shaft for damping crankshaft vibration, and a core in each series of nested springs having gradually increasing restraining effect as



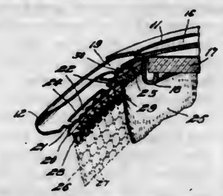
the spring flexure increases for limiting the maximum amount of spring flexure to a predetermined amount below the elastic limit of the sleeve springs.

2,066,225
SADDLE SEAT
Harry M. Pryale, Samuel C. Clark, and Don R. Cotterman, Pontiac, Mich.
Application September 16, 1935, Serial No. 40,817
7 Claims. (Cl. 208—15)



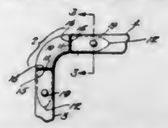
1. In a saddle, a seat having relatively fixed lugs depending from the forward end thereof and spaced from each other longitudinally of the seat, a support for the seat comprising a truss having a transverse portion at the forward end extending between the lugs, and means secured to the lugs below the transverse portion of the truss to secure the latter in position between the lugs, said means including a staple having leg portions insertable through openings in the lugs and having the free ends of the leg portions bent laterally over one of the lugs.

2,066,226
VANITY CASE CONSTRUCTION
Alfred F. Reilly, North Attleboro, Mass., assignor to Evans Case Company, a corporation of Massachusetts
Application July 11, 1936, Serial No. 90,1[illegible]
16 Claims. (Cl. 132—83.1)



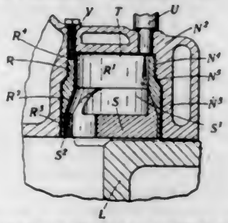
1. In an article of the class described, a lock member, a bar depending from and secured to said lock member at spaced intervals, and a metallic mesh member having its edge portion secured to said bar.

2,066,227
AWNING FRAME
Edward Reukauf, Jr. and Walter J. Stuber, Philadelphia, Pa., assignors to Carey-McFall Co., Philadelphia, Pa., a corporation of Pennsylvania
Application October 10, 1934, Serial No. 747,793
16 Claims. (Cl. 156—42)



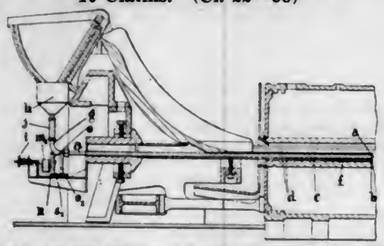
2. An awning frame comprising side members, a front member, and corner members joining said front and side members, said members being composed of single thicknesses of relatively thin metal in open seamed hollow-centered shapes of predetermined contours cross-sectionally of said members, the joining of said corner, front and side members being respectively effected by a smooth walled projection on one of said members entering a correspondingly smooth walled portion of the hollow center adjacent one end of another of said members.

2,066,228
INTERNAL COMBUSTION ENGINE OF THE LIQUID FUEL INJECTION TYPE
Harry Ralph Ricardo, London, England
Application May 8, 1934, Serial No. 724,583
In Great Britain May 15, 1933
5 Claims. (Cl. 123—32)



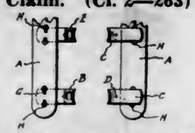
1. An internal combustion engine of the liquid fuel injection compression ignition type, including in combination a cylinder, a cylinder head containing a combustion chamber pocket having cooled walls, a plug-like throat member mounted in that part of the pocket adjacent to the cylinder bore and having limited contact with the adjacent cooled wall so that the flow of heat from the throat member to this wall is restricted, the throat member and the pocket being so formed as to provide a combustion chamber within the pocket having an approximately circular cross-section about an axis and end walls the minimum distance between which is at least two-thirds of the mean diameter of the combustion chamber, said chamber having a volume which is not less than 5/6 of the volume of a truly cylindrical chamber the length and diameter of which are equal respectively to the maximum length and maximum diameter of said combustion chamber, a communicating passage between the combustion chamber and the cylinder bore being so formed in the throat member that the air charge forced therethrough during the compression stroke will be heated and enter the combustion chamber in a direction which will cause the charge in the combustion chamber at the end of the compression stroke to be in a state of rotation as a whole about the said axis, and a fuel injection device mounted in a cooled wall of the pocket at a point substantially displaced from the said axis and delivering into the combustion chamber a fuel spray the mean direction of which makes an angle of less than 45° with a line parallel to the said axis.

2,066,229
MANUFACTURE OF UNCHILLED METALLIC CASTINGS BY THE CENTRIFUGAL CASTING PROCESS
William Ridley, Beeston, Nottingham, and Percy Hutchinson Wilson, Nottingham, England
Application November 27, 1935, Serial No. 51,926
In Great Britain December 24, 1934
10 Claims. (Cl. 22—88)



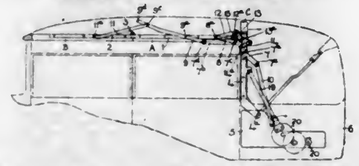
3. Apparatus for use with centrifugal casting machines, comprising a metal-charging trough, a member constituting a conduit of elongated form adapted to be inserted with said trough into a rotary mould, means for depositing finely divided mould-coating material in one end of said member and means for subjecting the latter to longitudinal reciprocatory or vibratory movement in relation to said trough, said movement including a sharp termination of that stroke thereof which is directed to the opposite end of said member and a rapid initial acceleration during the following stroke.

2,066,230
BUSK FOR CORSETS
John Hornby Roberts, Sydney, New South Wales, Australia, assignor to D. & W. Murray Limited, Sydney, Australia
Application January 15, 1936, Serial No. 59,284
In Australia November 21, 1935
1 Claim. (Cl. 2—263)



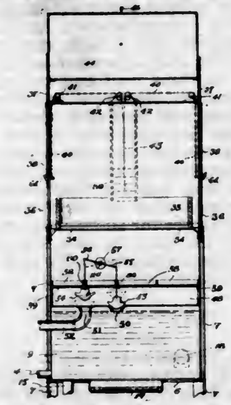
A busk for corsets comprising a flexible "steel" having a plurality of orifices formed at intervals therein, a plurality of lateral members disposed at equal intervals along the said "steel", tongues integral with said lateral members and passed through the said orifices and then bent over to lie against the surface of said "steel", a hook on the outer end of each of said lateral members and having a narrow gap to receive a fastening lace, said hooks being formed away from the said "steel" and having their top faces approximately in the same plane as that which will be occupied by material that will surround the said "steel" when the latter is embodied in a corset, and a conical protuberance extending into the mouth of each of the aforesaid narrow gaps and having its apex in close proximity to the adjacent hook to prevent displacement of a fastening lace from said hooks.

2,066,231
HOOD FITTING FOR MOTOR AND OTHER VEHICLES
George Salmons and Arthur Henry Dalby-Balls, Newport Pagnell, England; said Dalby-Balls assignor to Arthur James Lucas Salmons, Newport Pagnell, Buckinghamshire, England
Application September 28, 1935, Serial No. 42,694
In Great Britain October 11, 1934
9 Claims. (Cl. 296—116)



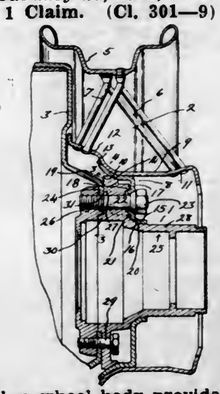
1. A mechanism of the class described comprising a back pillar, means pivotally mounting said back pillar for movement to and from raised and lowered positions, a cant rail in foldably connected sections adapted to project forwardly with respect to said pillar above the axis of movement of the pillar in the raised position of the latter, a lever pivoted to said pillar between said axis and cant rail sections having a substantially horizontal arm, means connected to said pillar operable to raise and lower said pillar, means connected to said lever to maintain the said arm in substantially horizontal position, linkage connected to said back pillar, adjacent cant rail section and lever, and link mechanism connected to the cant rail sections and said arm operable in cooperation with said linkage and through the lowering of said back pillar to fold the cant rail sections over each other and over the back pillar with the cant rail sections moving bodily away from said axis substantially rectilinearly to reduce overhang of the cant rail sections at the pivoted end of said back pillar.

2,066,232
WASHING MACHINE
Louis D. Schmidt, Fairmont, W. Va., assignor of one-third to Spiro Gotses and one-third to Samuel Scarlats, both of Fairmont, W. Va.
Refiled for abandoned application Serial No. 560,425, August 31, 1931. This application December 13, 1934, Serial No. 757,406
2 Claims. (Cl. 141—9)



1. In a washing machine, the combination of a casing, with solution and rinsing tanks, the solution tank being contained in the lower part of the casing and the rinsing tank being mounted on the casing, a tray displaceably supported in the casing above the solution tank, a sprayer positioned in the casing to direct liquid against articles carried by the tray, a pump communicating on its intake side with both tanks and on its discharge side with the sprayer, a valve controlling the intake communications to connect the pump with either tank or to close both communications, a trough mounted in the upper part of the solution tank to receive the liquid sprayed on the tray, said trough having a port communicating with the solution tank and a port communicating with a discharge pipe leading to the exterior of the casing, valves respectively controlling said trough ports, and a common means for actuating both of the latter valves in timed relation to open one port and to close simultaneously the other port so that the flow of liquid from the trough can be directed either to the solution tank or to the discharge pipe.

2,066,233
WHEEL
Charles W. Sinclair, Detroit, Mich., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich., a corporation of Delaware
Application January 25, 1932, Serial No. 588,768
1 Claim. (Cl. 301—9)



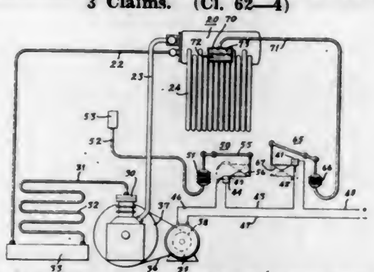
In a wheel, a wheel body provided with a tubular outer hub member having a tapered portion intermediate the ends thereof, an internal mounting member having a laterally extending flange corresponding in shape to the tapered portion of the outer hub member and having a bearing engagement throughout the area thereof with the inner surface of said tapered portion, an inner hub member having a radially outwardly extending portion provided with a tapered seat engaging the inner surface of the tapered lateral flange on the mounting member for urging the flange into intimate engagement with the tapered portion of the outer hub member upon movement of the mounting member rearwardly relative to the inner hub, and means for securing the mounting member to the inner hub member.

2,066,234
MOTOR FUEL
Reginald G. Sloane and Jones I. Wasson, Elizabeth, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application February 23, 1933, Serial No. 658,153. Renewed October 24, 1936
12 Claims. (Cl. 44—9)

1. A motor fuel consisting essentially of light liquid petroleum hydrocarbons and normally

tending to deposit at least a small amount of gum when used for fueling an internal combustion engine, to which has been added about 0.1 to 2.0% of a gum flux consisting chiefly of hydrocarbons liquid at atmospheric temperatures, adapted to soften, loosen and dislodge and/or prevent the deposition of hard carbonaceous gummy deposits on the walls, valves, rings and other interior parts of an internal combustion engine, said material having a kauri butanol solvent value above about 20, a low vapor pressure under the conditions existing in an internal combustion engine during use, and having approximately the following physical characteristics: a "50%" boiling point above about 350° F. at 10 mm. pressure, a 100° F. Saybolt viscosity between the approximate limits of 70 and 450 seconds, an A. P. I. gravity between the approximate limits of 18 and 28 and a flash between the approximate limits of 270° and 375° F.

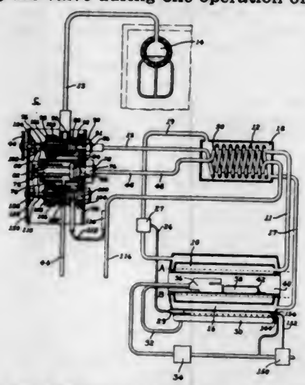
2,066,235
REFRIGERATING APPARATUS
Jacob Smilack, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware
Application December 30, 1931, Serial No. 583,925
3 Claims. (Cl. 62—4)



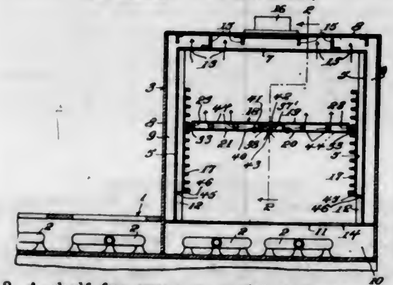
1. A refrigerating apparatus comprising in combination, a cabinet, a cooling unit within said cabinet, means for circulating a refrigerant medium through said unit, a control responsive to the temperature of air in said cabinet for starting and stopping the refrigerant circulating means to maintain said cooling unit between predetermined temperature limits, automatically operated auxiliary means for temporarily modifying the operation of the refrigerant circulating means to permit an increase above normal in the temperature of said unit, said auxiliary means including a stationary member having a portion thereof in intimate thermal contact with said cooling unit and disposed in the path of warm air circulating into contact with the unit whereby the warm air affects said member to normally maintain the auxiliary means ineffective, and said member being responsive to a predetermined abnormal low temperature of the cooling unit for rendering said auxiliary means effective to prevent starting of the circulating means until a higher than normal temperature is reached in the cooling unit.

2,066,236
REFRIGERATING APPARATUS
Harry F. Smith, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware
Application February 28, 1931. Serial No. 519,117
7 Claims. (Cl. 62—5)

7. A unitary controlling device for an intermittent absorption machine comprising a valve structure, temperature responsive means for controlling the valve during one operation of the apparatus and pressure responsive means for controlling the operation of the valve during the second period of operation of the apparatus.



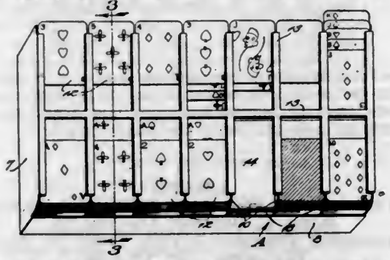
2,066,237
SHELF FOR GAS OVENS
Charles R. Spine and Leonardo Calaluca, Somerville, N. J.
Application May 27, 1935, Serial No. 23,791
6 Claims. (Cl. 126—337)



2. A shelf for ovens comprising, top and bottom plates, respectively, connected together at their edges in spaced apart relation to form a heating chamber therebetween having side and end walls, respectively, a baffle member extending forwardly in said chamber centrally thereof and from the rear wall and including spaced apart side walls forming a flue therebetween having a closed rear end and opening onto the front wall, the bottom plate of said shelf having apertures therein communicating with said flue for the passage of heat into said chamber through said flue, and the first mentioned wall of said chamber being apertured upon opposite sides of said member for the passage of heat from said chamber, the walls of said flue at the open end of the latter having laterally and rearwardly inclining heat deflecting portions.

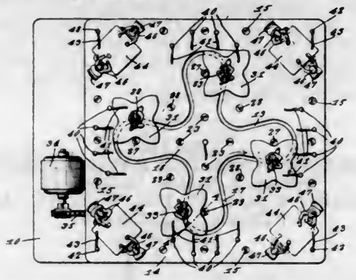
2,066,238
GAME DEVICE
Walter T. Supina, Manchester, Conn.
Application May 13, 1935, Serial No. 21,231
1 Claim. (Cl. 273—150)

A device for holding playing cards comprising a tray-like body having side and end walls, the end walls being considerably higher than the side walls, longitudinal and transverse partitions fitted within the body, the longitudinal partition being disposed at the longitudinal center of said body, the transverse partitions being spaced from each other approximately the width of a playing card and providing pockets for the latter, the said partitions being of a height substantially equal to the height of the end walls, flanges formed on the partitions and



end walls and coextensive for substantially the distance of the transverse partitions and lying in the same plane with each other substantially flush with the upper edges of the end walls of said body, and spring tensioned follower plates fitted between the transverse partitions and acting upon the playing card to have the uppermost card contact with the flanges and allowing free withdrawal of the said uppermost card laterally of the body between the flanges and the side walls thereof.

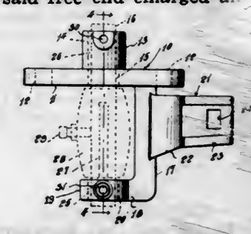
2,066,239
DANCING DOLL TOY
Richard G. Tahsler, Cleveland, Ohio
Application October 21, 1935, Serial No. 46,005
4 Claims. (Cl. 46—140)



1. A dancing doll toy comprising a support, a plurality of star wheels on the support, dolls in couples in waltz position on the star wheels, an endless carrier on the support mounting the star wheels at predetermined intervals apart, means for moving the endless carrier to advance the star wheels progressively in a sinuous path on the support, and upstanding pins on the support intercepting the spokes of the star wheels and rotating the star wheels on their axes through one revolution at predetermined points in the path of travel of the star wheels.

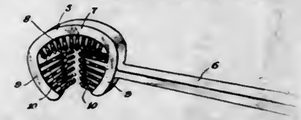
2,066,240
ROCKER STUD BEARING
William T. Thacker, Greenville, S. C.
Application August 28, 1935, Serial No. 38,296
1 Claim. (Cl. 308—21)

A rocker stud bearing for loom swords, comprising a plate adapted for attachment to a loom frame, a central bearing nipple extending integrally from one side of said plate, an arm extending integrally and laterally from the opposite side of said plate in offset relation to said nipple, the free end of said arm extending at an angle thereto and in substantial parallelism with the plate, said free end enlarged and having a



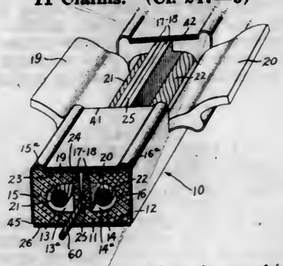
bearing opening therein, a shaft journaled in said bearing opening and nipple, and a lever member extending integrally from said arm between said plate and free end upwardly and forwardly in the opposite direction to the free end of said arm and having a substantially horizontal portion adapted to be secured to a skirt-board of a loom frame.

2,066,241
TOOTH BRUSH
George Trattner, New York, and Charles Kovách, Brooklyn, N. Y.; said Kovách assignor to said Trattner
Application June 17, 1935, Serial No. [illegible]
1 Claim. (Cl. 15—167)



A toothbrush comprising an inverted substantially U-shaped body having substantially converging arms, bristles extending at an upward angle from the confronting faces of the arms, bristles extending from the intermediate portion of the body toward the first mentioned bristles, and a handle extending from one of the arms and on the outer face thereof opposite to its bristles, and said handle adapted to be rocked in a vertical plane to cause like movement of the bristles with respect to the teeth.

2,066,242
CONDUIT CONSTRUCTION
Charles W. Abbott, Larchmont, N. Y., assignor to The Bryant Electric Company, Bridgeport, Conn., a corporation of Connecticut
Application July 14, 1934, Serial No. 735,166
11 Claims. (Cl. 247—3)



3. In conduit construction, in combination, a rubber conduit having a base portion and a plu-

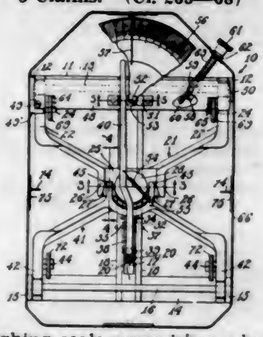
rality of longitudinally extending but laterally spaced upstanding rib-like portions forming channels therebetween, certain of said rib-like portions having flap-like extensions extending respectively toward an adjacent rib-like portion and engaging the latter at a side face thereof to substantially close over the channel therebetween and with the upper face of each flap-like extension and the upper face of its adjacent rib-like portion exposed and substantially in alinement, and relatively easily removable means engaging said alined and otherwise exposed faces of both flap-like extension and rib-like portion for releasably holding said engaged parts in channel-closing position.

2,066,243

WEIGHING SCALE

Richard C. Barler and Carl Burkhard, Goshen, Ind., assignors to Continental Scale Works, Chicago, Ill., a corporation of Illinois

Application February 2, 1934, Serial No. 709,418
6 Claims. (Cl. 265—68)



1. A weighing scale comprising a base, weighing mechanism comprising a pair of levers fulcrumed on spaced apart supports in said base and extending therefrom to an intermediate focal point in the weighing scale, a spring support comprising an element on said base having a boss opposite said focal point, a helical spring receiving said boss in one end and carried by said spring support and extending between said spring support and said levers, said spring engaging said levers at said focal point, at least one of said levers being formed with a socket receiving an end of said spring and a bearing way, the other lever having a portion engaging said bearing way, said weighing mechanism including a weight-receiving platform carried by both levers whereby when a weight is applied on the platform, the levers will be tilted on their fulcrums in a direction to exert forces upon said spring to compress the same between the socketed lever and the embossed portion of the spring support, indicating means carried by said base, and means driven by the weighing mechanism for actuating said indicating means.

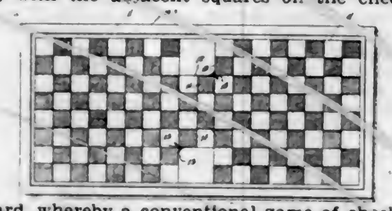
2,066,244

GAME APPARATUS

Robert Bates, Athens, Tenn.

Application April 9, 1935, Serial No. 15,493
3 Claims. (Cl. 273—131)

1. A game board comprising two playing areas each consisting of a conventional checker board of a plurality of alternately colored squares, said areas being arranged side by side and spaced from one another, and a reduced playing area bridging the space between said checker boards and having alternately colored squares alternating with the adjacent squares on the checker



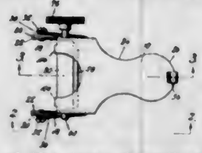
board, whereby a conventional game of checkers may be played on either area, or, if desired the game may be played from one board across the bridging area and onto the other board.

2,066,245

TUBE EVACUATOR AND SEVERING DEVICE

Harry G. Bauman, Chicago, Ill.

Application February 5, 1936, Serial No. 62,515
15 Claims. (Cl. 221—60)



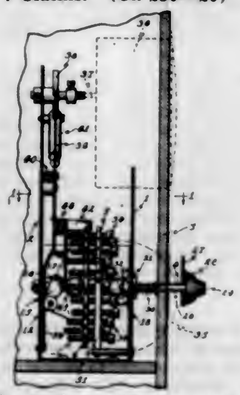
1. A device of the type described, comprising a pair of pinch rolls spaced for flattening a collapsible tube, means for rotatably mounting the rolls, said means comprising a pair of hingedly connected members arranged to be separated for separating the rolls, a severing device for the flattened part of the tube, and an operating connection between one of the pinch rolls and the cutter so constructed and arranged as to be moved into cutting relation with the flattened part of the tube when the said one pinch roll is rotated in one direction, but shiftable to an inoperative position upon rotation of the said one pinch roll in the other direction.

2,066,246

SELECTIVE TUNER FOR RADIO RECEIVERS

William T. Bolton, Chicago, Ill.

Application October 13, 1934, Serial No. 748,186
7 Claims. (Cl. 250—20)



1. Means for tuning radio receivers comprising a rotary shaft having means for coupling it to

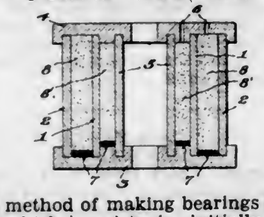
the tuning element of a receiver and yieldingly impelled in one direction to retain the tuning element in one of its extreme positions, a carrier provided with a peripheral series of ratchet teeth, a pivotally mounted lever spring impelled in one direction and having a pawl engageable with said teeth, a time mechanism actuated cam engageable with the free end of said lever to move the latter against the tension of said spring, a series of detents carried by the carrier, a rock shaft having limited angular movement but operatively connected to the first shaft to impart full tuning element movement to the latter, and a follower carried by the rock shaft and successively engaged by the detents to impart varied movements to the rock shaft upon movement of the carrier, the carrier having means for manual adjustment, said means comprising elements disengaging the pawl from the ratchet teeth and moving the rock shaft to shift the follower out of the path of movement of the detents.

2,066,247

METHOD OF MAKING BEARINGS

Henry Lowe Brownback, Norristown, Pa.

Application January 9, 1935, Serial No. 1,049
5 Claims. (Cl. 22—204)



1. In a method of making bearings or the like, the step which consists in initially heating a lining material of copper alloy in intimate contact with a steel shell to a temperature higher than the melting point of the lining, and maintaining the contact at said temperature while rotating the shell for approximately five minutes to form a copper-iron alloy penetrating the surface of the shell and to which the main body of the molten lining material will readily bond.

2,066,248

FLY SWATTER

Henry W. Buhler, Gloucester, Mass.

Application May 7, 1935, Serial No. 20,175
5 Claims. (Cl. 43—137)



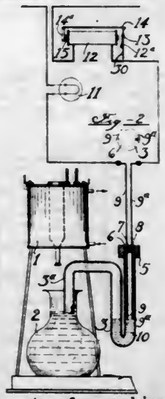
1. A fly swatter having a striker of woven open-mesh fabric including a set of warp yarns and a set of weft yarns, each of said yarns including twisted, sheeted, regenerated cellulose, certain at least of the yarns of one set each having a flexible metallic core of carbon steel of the order of 0.018 inch in diameter, an elongated handle and means uniting the striker to the handle, the cored strands extending longitudinally with reference to the length of the handle to impart resiliency to the striker.

2,066,249

AUTOMATIC VISCOSITY DEVICE

Raul López Buttari, Los Pinos, Cuba, assignor to Standard Oil Development Company, a corporation of Delaware

Application October 9, 1934, Serial No. 747,518
2 Claims. (Cl. 265—11)



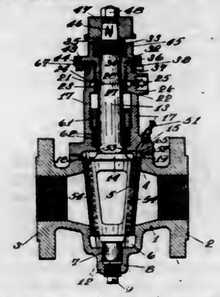
1. In an apparatus for making viscosity determinations, a flask and a timing device, a U-tube, an extension of one leg thereof positionable within the flask, electric contacts positioned within the other leg of said tube, means connected to the electric contacts and including an electric circuit for stopping the registering of the timing device, and an electric current conducting liquid in the U-tube immediately below the contacts, whereby the rise of liquid in the flask above a predetermined level will compress the gas in the extended leg of said U-tube displacing the conducting liquid upwardly in the other leg to close the electrical circuit and cause the means to stop the registering of the timing device.

2,066,250

VALVE

Eldon S. Clark, Detroit, Mich., assignor to Timken-Michigan Company, Detroit, Mich., a corporation of Michigan

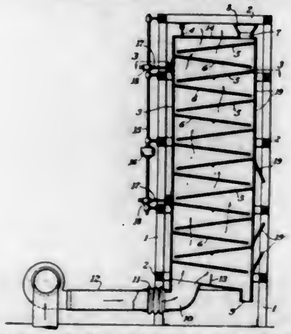
Application February 4, 1932, Serial No. 590,936
14 Claims. (Cl. 251—97)



1. A rotary valve of the type adapted to be raised from its seat before opening or closing

movement thereof comprising a casing having a conical seat therein and an opening substantially in alignment with said seat, a valve in said casing for cooperation with said seat and having a projecting stem, a bonnet secured over the opening in said casing, vertically spaced collars on said bonnet surrounding said valve stem and connected by spaced webs, an externally adjustable packing gland surrounding said valve stem between said collars, abutments on said valve stem above said upper collar, a raising and lowering nut threaded on said bonnet above said upper collar and engageable with said abutments on said stem, and means to lubricate the threads of said nut and the engagement of said nut with the stem.

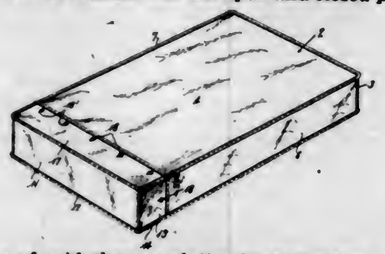
2,066,251
DRIER
Warren Clemens, Pavilion, N. Y.
Application October 25, 1935, Serial No. 46,751
1 Claim. (Cl. 34—38)



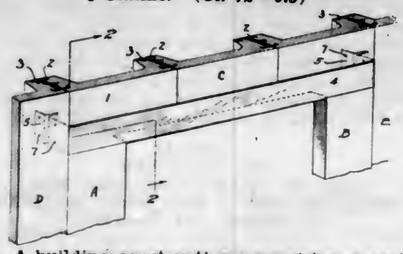
A drier comprising a supporting frame including uprights and horizontal connecting portions spaced one above the other, of a housing closed on four sides and inclined perforate baffles arranged in staggered relation in said housing one above the other, each of said baffles extending along three walls of the housing and being spaced from one wall thereof, said housing having an inlet at the top and an outlet at the bottom for material to be dried and an air inlet at the bottom, a source of hot air supply, a flexible connection between said source of hot air supply and said air inlet, leaf spring suspension members rigidly attached to said horizontal connecting portions of the frame and having their lower ends rigidly attached to the housing at points near the top and bottom thereof, said leaf spring members being relatively short and disposed with their flat surfaces at right angles to the direction of movement of the housing, a vertically disposed rotary shaft mounted on said supporting frame, and operating means connecting said shaft with the housing at points near the top and bottom of the latter for imparting horizontal movement thereto.

2,066,252
MATTRESS COVER
Louis Cohen, Jr., Pittsburgh, Pa.
Application July 10, 1935, Serial No. 30,681
5 Claims. (Cl. 5—354)

5. A cover for a mattress or analogous articles formed by a casing of flexible material having an end wall of substantially rectangular outline and four lateral walls of substantially rectangular outline extending therefrom, one of said lateral walls extending for substantially the complete extent of the mattress adapted to be covered and the remaining lateral walls extending for substantially the same extent, said four lateral walls defining an opening at the end of said casing opposite said end wall and corresponding thereto; and a closure for said opening engageable with one of said lateral walls at the edge thereof adjacent said opening and the adjacent edges of said one lateral wall in both the open and closed positions of said closure relative to said casing, said closure having an end wall for covering said opening extending from said first-mentioned edge, a lateral wing extending transversely from each extremity of said end wall, and an additional wing extending between said lateral wings and also connected with said end wall, said wings adapted to overlap the extremities of the remaining three lateral walls.

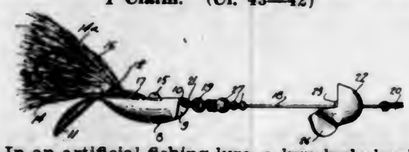


2,066,253
LINTEL
Clarke F. Davis, Short Hills, N. J., assignor to American Cyanamid & Chemical Corporation, New York, N. Y., a corporation of Delaware
Application September 24, 1935, Serial No. 41,861
5 Claims. (Cl. 72—0.5)



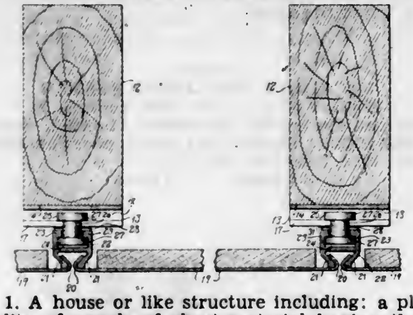
1. A building construction comprising a vertical wall of precast slabs having an engaging vertical surface, an opening in said wall of a width greater than one wall slab, a slab supporting plate defining the top of said opening, said plate being secured at each end between the vertical joint between wall slabs, and a wall slab supported on said plate.

2,066,254
ARTIFICIAL FISHING LURE
Cecil Ernest Delk, Amarillo, Tex.
Application March 1, 1934, Serial No. 713,592
1 Claim. (Cl. 43—42)



In an artificial fishing lure, a lure body having a spoon projecting from its rear end, the upper side of the forward portion of the body being flat and the rear portion thereof being dished, a fish hook carried by the upper side of the body and extending over the flat and dished portions, a rib at the forward end of the body, a spinner rod connected to the rib and a spinner on the spinner rod, an anchor screw engaged with the eye end of the hook for securing the same to the flat portion of the body, an arcuate guide arm having one end embedded in the body and rising from the rear end of the dished portion of the body in spaced relation to the forward flat portion and having a slot therein through which the hook extends for retaining the latter in position on the body and permitting limited movements of the hook toward and away from the body and a hair cluster secured to the shank of the fish hook within the dished portion of the body between the arcuate guide and hook anchor.

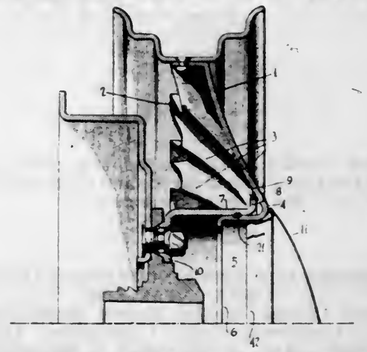
2,066,255
BUILDING CONSTRUCTION
Michael J. Dempsey, Waterbury, Conn., assignor to Copper Houses, Inc., New York, N. Y., a corporation of Maryland
Application April 22, 1936, Serial No. 75,698
7 Claims. (Cl. 189—88)



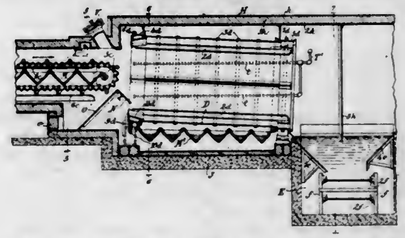
1. A house or like structure including: a plurality of panels of sheet-material having their opposite side-edges arranged adjacent one another to provide a substantially-continuous surface; coupling-bars, one extending along and coupling each two adjacent edges of sheet-material; supporting-structure having an attaching-face; guide-means extending longitudinally of each of said coupling-bars; guide-means on the attaching-face of said supporting-structure and extending transversely of the coupling-bar guide-means; and attaching-members which interconnect said coupling-bar guide-means and said supporting-structure guide-means and permit the coupling-bars and supporting-structure to respectively relatively move in directions parallel to their respective guide-means and transversely of one another and in general planes approximately parallel to each other.

2,066,256
WHEEL
Carolus L. Eksergian, Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa., a corporation of Pennsylvania
Application May 9, 1934, Serial No. 724,646
4 Claims. (Cl. 301—9)

1. An artillery steel wheel comprising a hollow spider including a conical nave merging at the front side of the wheel through an element of arcuate section into a rearwardly extending hub shell portion having a rear inner radial flange at said side, and a hub shell member telescopically fitted over said hub shell portion having a radially inner bolting-on flange at the rear side of said wheel in a plane substantially coincident with the plane of the rear sides of the spider spokes and a front outward radial flange of a section constituting a chord of said arcuate section and annularly welded thereto to therewith render the forward nose of the nave of box section.



2,066,257
APPARATUS FOR SWEATING OUT FUSIBLE METALS
William F. Eppensteiner, Rahway, N. J., assignor to The American Metal Company, Limited, New York, N. Y., a corporation of New York
Application December 6, 1934, Serial No. 756,271
9 Claims. (Cl. 266—23)

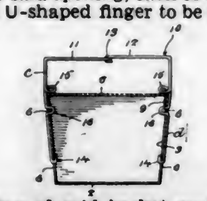


1. An apparatus for treating metals comprising a heating chamber, a preheating chamber in open communication with the heating chamber, conveyor means movable through the chambers, means for charging superheated steam to the heating chamber, and means adjacent the article charging end of the preheating chamber for drawing the superheated steam through the heating and preheating chambers, the preheating chamber having air inlets for the admission of air to lower the temperature of the superheated steam as it is drawn through the preheating chamber.

2,066,258
FRUIT BASKET
Homer E. Evans, Grandview, Wash.
Application November 11, 1935, Serial No. 49,280
1 Claim. (Cl. 229—52)

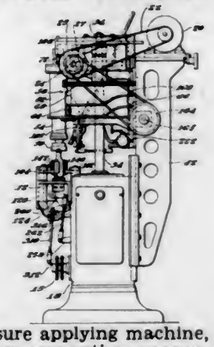
A removable handle for a basket having a cover and diametrically opposed upper and lower openings in the sides thereof; said handle comprising a wire member of two similar sections, one having a hooked end and the other an eye end to receive the hook, each of said sections having an angle arm whose end is bent to provide a hook to be passed through the lower opening in the basket

and to be brought to engage with the wall of the basket above said opening, each of said arms having a lateral U-shaped finger to be received in the



upper opening of said basket and each of said arms having a loop to overlie and frictionally contact with the cover of the basket.

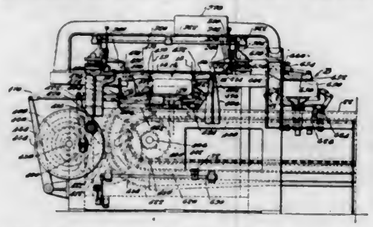
2,066,259
MACHINE FOR APPLYING SCREW CLOSURES TO CONTAINERS
Arthur Clarence Everett, Boston, Mass., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass., a corporation of Massachusetts
Application March 14, 1934, Serial No. 715,503
2 Claims. (Cl. 226—88)



1. In a closure applying machine, in combination, container supporting means, a chuck for gripping and holding a closure, a vertically movable and rotatable member upon which said chuck is mounted, a stationary supporting member within which said rotatable member is operatively supported to be capable of vertical and rotary movement, and means for imparting both vertical and rotary movement to said rotatable member and the chuck carried thereby including a rotatable vertical shaft, gearing connections between said shaft and said rotatable chuck carrying member, a barrel cam secured to said vertical shaft to rotate therewith provided with a cam path, a cam roll directly connected to said rotatable chuck carrying member and operative within said cam path to effect vertical movement of said rotatable chuck carrying member for the purpose specified, a second cam mounted upon the upper end portion of said vertical shaft, and means cooperating with said cam and said chuck for operating the chuck to cause it to engage and grip the closure.

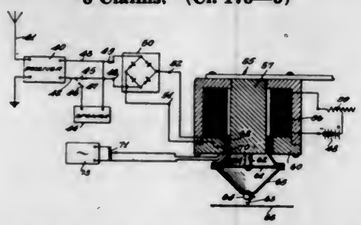
2,066,260
WRAPPING MACHINE
Samuel B. Field, Holbrook, Mass., assignor to Naumkeag Steam Cotton Company, Salem, Mass., a corporation of Massachusetts
Application November 3, 1934, Serial No. 751,354
14 Claims. (Cl. 93—7)

1. In a machine for handling and wrapping heavy and bulky articles, in combination, a plurality of article supporting members, an endless conveyor upon which the article supporting members are mounted at spaced intervals, means for elevating an article supporting member, wrapper feeding mechanism adapted to feed a wrapper into a position over the article supporting member, wrapper folding mechanism for folding two sides and the top sections of the wrapper including an open die through which the wrapper and



article are permitted to pass when the article supporting member is lowered, folding mechanism carried by and movable with the article supporting member for clamping two of the opposite sides of the wrapped article upon the article supporting member, and means for folding inwardly the upper sections of the wrapper upon the top of the article.

2,066,261
FACSIMILE RECEIVING SYSTEM
William G. H. Finch, New York, N. Y.
Original application November 11, 1935, Serial No. 49,222. Divided and this application April 24, 1936, Serial No. 76,225
8 Claims. (Cl. 178—5)

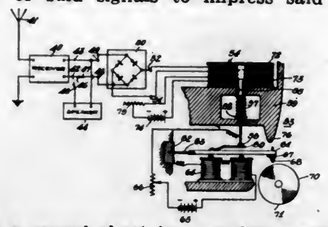


1. In a picture receiving system, a local source of alternating current; an electrodynamic recording unit comprising a movable unit containing a stylus, a first coil connected to said source for operating the stylus on a record sheet and a second coil responsive to incoming picture signals for rendering the operation of said stylus on said sheet ineffectual by electromagnetically affecting the action of said first coil.

2,066,262
FACSIMILE RECEIVING SYSTEM
William G. H. Finch, New York, N. Y.
Original application November 11, 1935, Serial No. 49,222, now Patent No. 2,060,778, dated November 10, 1936. Divided and this application May 2, 1936, Serial No. 77,474
11 Claims. (Cl. 178—5)

1. A facsimile recording system responsive to amplitude modulated picture signals comprising an electromechanical unit including an armature, means for normally vibrating said armature at a predetermined frequency, a stylus connected to said armature, and means associated with said armature, responsive to said signals for mechanically changing the frequency of vibration of said

stylus in accordance with variations in the amplitude of said signals to impress said stylus



against a record sheet in accordance with said vibrations.

2,066,263
SOYBEAN COMPOUND FOR AGING GRAIN DISTILLATE
John T. Finley, Chicago, Ill., assignor to Archer-Daniels-Midland Company, a corporation of Delaware
No Drawing. Application December 21, 1933, Serial No. 703,411
2 Claims. (Cl. 99—48)

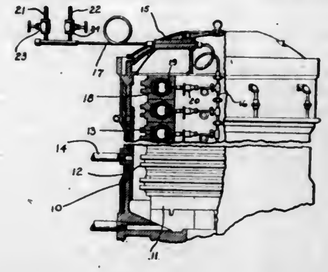
1. The method of aging spirits to improve the flavor of the same which comprises dissolving soy bean solids in water with malt, separating undissolved ingredients and combining the dissolved ingredients in a mixture comprising alcohol and water.

2,066,264
AUTOMATIC FEED TROUGH
James M. Fisher, New Orleans, La.
Application November 27, 1935, Serial No. 51,896
2 Claims. (Cl. 119—53)

1. An automatic feeding device comprising a pair of receptacles, troughs projecting from each receptacle, said troughs and their attached receptacles being substantially U-shaped, each receptacle having means for receiving a hollow tube, a hollow tube connecting the receptacles, and means securing said tube to each of said means, there being diametrically disposed openings within said tube communicating with one of said receptacles for permitting a supply of feed to flow into the troughs thereof.

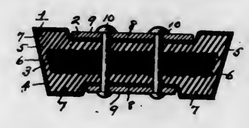
2,066,265
METHOD OF CURING TIRES
Harold A. Freeman, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
Application November 25, 1933, Serial No. 699,692
7 Claims. (Cl. 18—53)

5. In the method of curing a pneumatic tire, the steps which comprise confining the tire within a mold, heating the mold, and expanding the tire within the mold with steam for a relatively



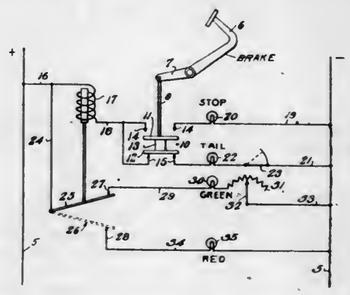
short period and then with relatively cool compressed air for a longer period.

2,066,266
V-BELT
Randolph E. S. Geare, Philadelphia, Pa., assignor to L. H. Gilmer Co., Tacony, Philadelphia, Pa., a corporation of New Jersey
Application October 8, 1936, Serial No. 104,725
3 Claims. (Cl. 74—233)



1. A flexible V-belt having its central portion of less thickness than its lateral margins and integral therewith, providing longitudinally extending channels in the outer and inner sides of the belt, sets of stiffening plates arranged entirely within said channels in spaced relation equidistantly from each other longitudinally of the belt, and fastenings passing through the belt and connecting the opposed stiffening plates of the sets together.

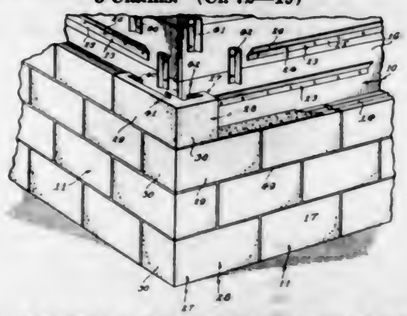
2,066,267
INDICATOR
Bertell H. Hayes, Momence, Ill.
Application April 26, 1935, Serial No. 18,439
1 Claim. (Cl. 177—311)



In combination, a stop light and a tail light, a pair of characteristically different tell-tale lights, a source of current, a brake pedal oper-

ated switch, said brake pedal operated switch including a pair of stationary contacts, a relay including an electro-magnet and a swingable armature, a pair of stationary contacts engageable by the said armature, one of the said contacts of the brake operated switch being connected to one side of the magnet, and the remaining side of the magnet being connected to one side of the battery and also to the said armature, a return wire to the battery from one of the contacts of the relay, said return wire having one of the tell-tale lights therein, a connection from the remaining stationary contact of the relay to the return wire and having the remaining tell-tale light therein, and means associated with the brake operated switch whereby when the stop and tail lights are functioning one of the tell-tale lights will be energized and when one or the other of the said stop or tail lights becomes defective the other of the two tell-tale lights becomes illuminated.

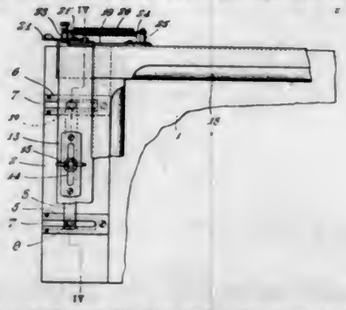
2,066,268
BUILDING CONSTRUCTION
Andrew Hohner, Ottawa, Ill.
Application June 12, 1936, Serial No. 84,907
8 Claims. (Cl. 72—19)



1. A building wall comprising sheathing, bricks, each of said bricks having a channel-shaped groove formed therein on its inner surface and provided with a flange projecting over a portion of said groove, said grooves providing dead air insulation spaces when the said brick is in use, and means for attaching the said bricks to the said sheathing, said means consisting of a thin strip of flat metal stock having a flat straight portion attached to the said sheathing, by means of nails or the like, and said strip including an outwardly flared portion providing a flange projecting into the said groove and under the said first-named flange for supporting the said brick in position of use upon the wall or sheathing of a building.

2,066,269
DUPLICATOR
Shinjiro Horii, Kanda-ku, Tokyo, Japan
Application November 26, 1935, Serial No. 51,670
In Japan December 7, 1934
2 Claims. (Cl. 101—126)

1. A flat duplicator comprising a bed having an extension provided with two longitudinal guide slots, a stencil stretching frame having trunnions, a supporting block having brackets formed with bearing slots adapted to be engaged by said trunnions on the stencil stretching frame and provided with a transverse guide slot, a spring bar having at both ends pins engaged by said longitudinal guide slots in the bed extension and having a central shank extending upwardly through said transverse slot in the supporting block, and means for tightening said spring bar and its



shank together with the bed extension and supporting block.

2,066,270
ARMORED MACHINERY PACKING
Cecil R. Hubbard, Palmyra, N. Y., assignor to The Garlock Packing Company, Palmyra, N. Y., a corporation of New York
Application October 9, 1935, Serial No. 44,170
4 Claims. (Cl. 288—1)



1. A gasket comprising a ring of flexible packing material having a toe portion and a heel portion, and flexible reinforcing armor affixed to and extending completely over said portions, the armor for each portion comprising a layer of braided strands of metal.

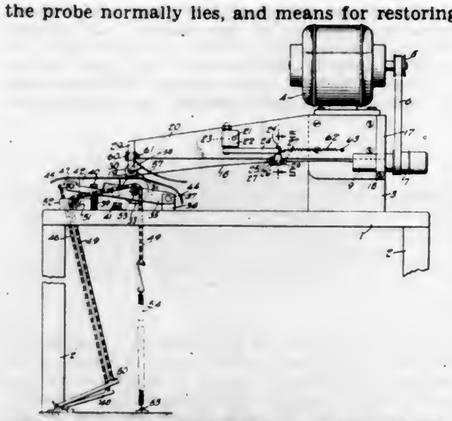
2,066,271
FILTER MATERIAL AND METHOD OF MAKING SAME
Chester M. Irwin, Milwaukee, Wis., assignor to Whyt-Rox Chemical Company, Wauwatosa, Wis., a corporation of Wisconsin
No Drawing. Application May 27, 1935, Serial No. 23,740
5 Claims. (Cl. 99—220)

1. The method of producing a sterilizing material for liquids containing bacteria and base-exchange elements, which comprises reducing the normal base-exchange alkali metal content of a zeolite to a point where only a partial base-exchange reaction will take place in the presence of the base-exchange elements of the liquid; and impregnating such abnormal zeolite with a bactericidal metal such as silver, which metal will have its bactericidal properties enhanced by said partial base-exchange reaction.

2,066,272
FOLD LINE MACHINE
Benjamin Liebowitz and Adolph Moses, New York, N. Y., assignors to Trubenizing Process Corporation, New York, N. Y., a corporation of New York
Application May 15, 1936, Serial No. 79,895
12 Claims. (Cl. 223—1)

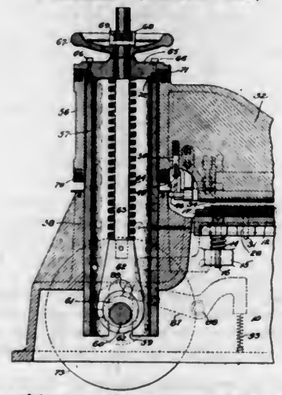
1. In a fold line machine, a resilient rotary probe, a guideway in which the leading end of

the probe normally lies, and means for restoring



said end into the guideway in the event of dislodgment therefrom.

2,066,273
MARKING MACHINE
Charles F. Eaton, West Newbury, Mass., assignor, by mesne assignments, of one-half to North American Holding Corporation, Syracuse, N. Y., a corporation of New York, and one-half to Parshad Holding Corporation, Syracuse, N. Y., a corporation of New York
Application January 5, 1934, Serial No. 705,428
5 Claims. (Cl. 101—316)

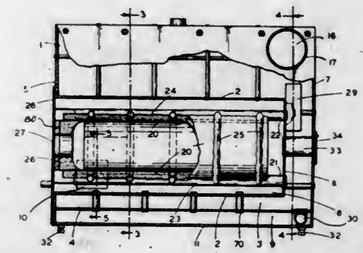


2. A marking machine comprising a frame, a plurality of springs supported on the frame, a work-bed yieldingly supported by said springs, a plurality of stops adjustably mounted on the frame to limit the upward movement of the work-bed under the influence of the springs, a holder for an embossing plate on the work-bed, a platen supported by the frame to move laterally into and out of position over the work-bed and also to move vertically toward and from the work-bed while it is in position over the work-bed, two spindles journaled, respectively, near opposite edges of the platen, a transfer sheet connected at opposite ends to said two spindles and extending across the under face of the platen, means to reciprocate the platen vertically while it is in position over the work-bed, and means actuated by the vertical reciprocation of the platen to rotate one of the spindles and feed the transfer sheet.

2,066,274
PROCESS OF IMPROVING CARBON BLACK
Walther H. Grote, Charleston, W. Va., assignor to United Carbon Company, Inc., a corporation of Maryland
No Drawing. Application January 19, 1934, Serial No. 707,417
6 Claims. (Cl. 134—60)

1. The process of improving carbon black by reducing the oil adsorption without substantially lowering the tinctorial value of the carbon black, which comprises subjecting the same to attrition in a non-oxidizing atmosphere at elevated temperatures.

2,066,275
BOILER
Mora S. Hall, Baltimore, Md., assignor to May Oil Burner Corporation, a corporation of Maryland
Application May 1, 1935, Serial No. 19,284
14 Claims. (Cl. 122—140)

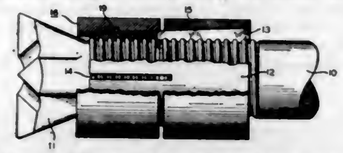


1. A water heater comprising an outer shell and an inner shell forming therebetween a main water heating compartment, the said outer shell of substantially rectangular section, the inner shell of substantially hollow cylindric form, said inner shell open at its forward end and in registry with a corresponding opening in one wall of the outer shell and joined at said end, in water and steam tight relation, to said outer shell, the rear end of said inner shell closed by a substantially flat plate in spaced relation to the rear end of the outer shell; a combustion chamber, within and in spaced relation to said inner shell, said chamber comprising a substantially cylindric horizontal refractory lined water compartment connected at high and low points to the main water heating compartment, a ring of refractory material disposed in the forward end of said chamber, said ring opening providing for the introduction of fuel and air of a fluid fuel burner; means to pass the products of combustion from said chamber, said means comprising a circuitous passage for the gases from said chamber into a restricted space without the inner shell, and thence through substantially vertical narrow gas passes to a gas exit passage in the upper part of the boiler.

2,066,276
CHUCK OR COUPLING
Edwin R. Harrall, Englewood, N. J., and John P. Reis, Hempstead, N. Y., assignors to The Western Union Telegraph Company, New York, N. Y., a corporation of New York
Application June 12, 1934, Serial No. 730,336
4 Claims. (Cl. 255—63)

1. In a chuck for percussive tools, a chuck jaw collar substantially circular in cross section and

having a plurality of longitudinal zones each of considerable length comprising its inner surface



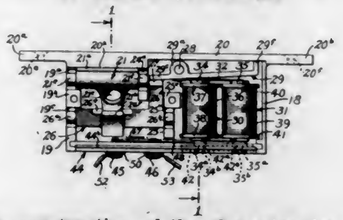
formed with different tapers increasing consecutively from the large toward the small end.

2,066,277

ELECTRICALLY-RELEASABLE BOLT KEEPER

Henry F. Keil, Scarsdale, N. Y., assignor to Francis Keil & Son, Inc., a corporation of New York

Application December 13, 1934, Serial No. 757,292
17 Claims. (Cl. 70—52)



1. In construction of the character described, in combination, a casing having means for movably supporting therein a keeper, said casing having at least two walls separable therefrom, said casing being adapted to contain therein mechanism, including an armature, adapted to hold said keeper against movement and upon actuation to permit movement thereof, one of said walls being of solid dielectric material and having mounted thereon and facing inwardly of said casing and toward said armature, electromagnetic means for coaction with said armature and having mounted upon the exterior face thereof terminal connecting means, and means whereby, when said other wall is assembled to said casing, said solid dielectric wall is held in assembled relation and said electromagnetic means is cooperatively positioned with respect to said armature.

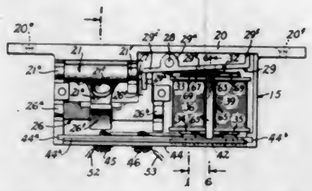
2,066,278

ELECTRIC DOOR RELEASE MECHANISM

Henry F. Keil, Scarsdale, N. Y., assignor to Francis Keil & Son, Inc., a corporation of New York

Application April 18, 1935, Serial No. 16,987
2 Claims. (Cl. 70—52)

1. In construction of the character described in which there is a movable member for coacting with a door bolt or latch, an electromagnet, a pivoted armature therefor, a movable armature stop for holding said armature against actuation in response to said electromagnet, said stop having means operatively related to said electromagnet for moving said stop out of armature-stopping position in response to said electromagnet, said stop and said armature having coacting portions such that said armature holds said stop in actuated position if said armature is held in actuated position, and a trip movable with said member but normally held against movement by said armature, said trip having a certain range of movement subsequent to its release by said armature after the latter is actuated by said electromagnet, the combination with said trip and movable armature of cam means and follower means, one related to said armature and the other related to said movable trip, and having a range of action commensurate with the range of movement of said movable armature subse-



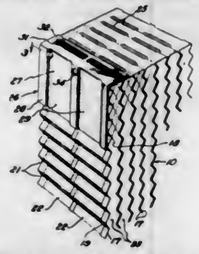
quent to actuation of the latter by said electromagnet for holding said armature in actuated position throughout the range of movement of said movable trip, and thereby holding said armature stop ineffective, throughout all positions of said movable member beyond or out of its normal position.

2,066,279

AUTOMOBILE RADIATOR

Stanislaus Przyborowski, Buffalo, N. Y., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y.

Application December 24, 1934, Serial No. 758,875
4 Claims. (Cl. 257—125)



1. A radiator comprising a core of the cellular type having water tanks secured to opposed ends thereof, one of said tanks having shouldered offset portions at each extremity spaced from the core, angle members disposed on the corners of the core and each having one leg received in the space between the core and the adjacent shouldered portion of the tank, and means securing the reinforcing means to the core and tank.

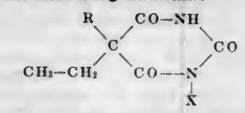
2,066,280

SATURATED-BRANCHED-CHAIN-PRIMARY-ALKYL ETHYL BARBITURIC COMPOUND

Horace A. Shonle, Indianapolis, Ind., assignor to Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana

No Drawing. Application January 29, 1934, Serial No. 708,906
14 Claims. (Cl. 260—33)

1. A barbituric compound which is represented by the following formula:



in which R represents a saturated branched-chain primary-alkyl radical having a straight

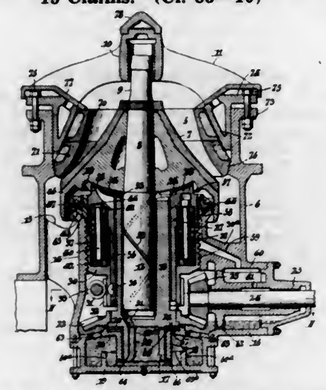
chain containing 5 to 7 carbon atoms with a methyl substituent on at least one of the number 2 and number 4 carbon atoms; and X represents a member of the class consisting of hydrogen, an alkali metal, ammonium, mono-alkyl ammonium, and di-alkyl ammonium.

2,066,281

GYRATORY CRUSHER

Samuel William Traylor, Jr. and Edward Henry Beyhl, Allentown, Pa., assignors to Traylor Engineering & Manufacturing Company, Allentown, Pa., a corporation of Delaware

Application March 11, 1931, Serial No. 521,632
15 Claims. (Cl. 83—10)



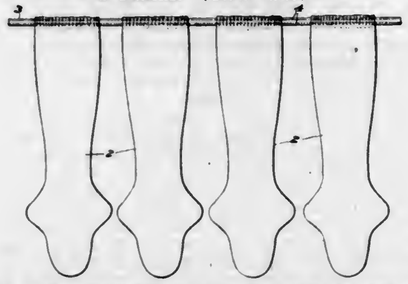
1. In a gyratory crusher, the combination of a frame provided with a crushing shell, a gyratory member having a crushing head for coacting with said shell, a rotary eccentric below said head for actuating said gyratory member, and supporting means under said head including a support bearing engaging the head and sustaining spring means for said bearing around said eccentric, directly sustaining said bearing and head against normal crushing stresses, but permitting them to yield relative to said shell and frame under excessive stress.

2,066,282

METHOD OF MAKING HOSIERY

George S. Van Voorhis, Northampton, Mass., assignor to United Elastic Corporation, Easthampton, Mass., a corporation of Massachusetts

Application April 19, 1935, Serial No. 17,281
5 Claims. (Cl. 2—240)



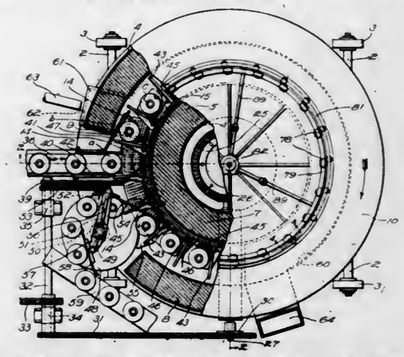
1. That improvement in methods of making full-fashioned hosiery, which consists in running a strip of elastic webbing through the hems at the tops of a series of stocking webs while said stocking webs are in a flat condition, stitching said strip to each stocking web by a seam running lengthwise of the strip, cutting the strip close to the vertical edges of the fabric of each stocking web, and seaming the stocking webs up the backs of the legs thereof.

2,066,283

METHOD OF AND APPARATUS FOR COOLING HOLLOW GLASS ARTICLES

Harold A. Wadman, Bloomfield, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a corporation of Delaware

Application November 20, 1935, Serial No. 50,684
30 Claims. (Cl. 49—47)



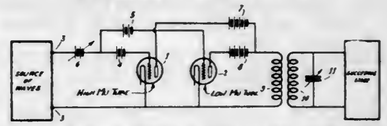
1. The method of cooling articles of hollow glassware while conveying the same from the machine in which they were formed toward the point at which they may be selected and packed, which comprises controlling the rate of heat abstraction from the interiors of such articles independent of the rate of heat dissipation from the exteriors of the articles, and thereby setting up predetermined selected strain conditions in the articles when cooled.

2,066,284

VARIABLE MU AMPLIFIER CIRCUIT

Stuart Ballantine, Mountain Lakes, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application July 18, 1931, Serial No. 551,625
12 Claims. (Cl. 179—171)



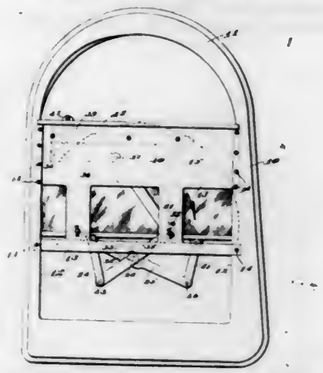
1. In a radio frequency amplifier, means establishing a space current path having in parallel a high mu section and a low mu section, control electrode means in both sections of said path, means for impressing a desired radio frequency signal upon said control electrode means, and means for adjusting the bias potential upon said control electrode means between a value effective to establish space current flow in both of said sections of the space current path and a value effective to establish a current flow in only one section of said space current path without modulation distortion of said signal or production of cross-talk effects between said signal and undesired strong signals.

2,066,285

WINDOW ELEVATING MECHANISM

Daniel L. Chandler, Somerville, Mass., assignor, by direct and mesne assignments, of thirteen per cent to Edwin M. Bailey, Swampscott, Mass., twenty-two per cent to George W. Ewing, Peabody, Mass., twenty-two per cent to Eugene B. Fraser, Lynn, Mass., ten per cent to Eugene B. Fraser, Lynn, Mass., as trustee, twenty-five per cent to Fred H. Rowe, Gloucester, Mass., and eight per cent to William H. Davis, Lynn, Mass.

Application January 16, 1936, Serial No. 59,375
4 Claims. (Cl. 268—126)



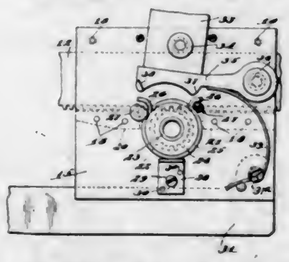
1. An elevating mechanism for sliding sash windows, comprising a counterbalanced bell-crank lever pivoted to a fixed panel, a cam track lever also pivoted to said panel, one end of said bell-crank lever and said cam track lever pivoted to the bottom of said sash by means of connecting link levers, a three sided cam fixed to one side of said bell-crank lever and engaging in the cam track of said cam track lever.

2,066,286

AUTOMOBILE WINDOW SLIDING LOCK

Daniel L. Chandler, Somerville, Mass., assignor, by direct and mesne assignments, of thirteen per cent to Edwin M. Bailey, Swampscott, Mass., twenty-two per cent to George W. Ewing, Peabody, Mass., twenty-two per cent to Eugene B. Fraser, Lynn, Mass., ten per cent to Eugene B. Fraser, Lynn, Mass., as trustee, twenty-five per cent to Fred H. Rowe, Gloucester, Mass., and eight per cent to William H. Davis, Lynn, Mass.

Application January 16, 1936, Serial No. 59,376
6 Claims. (Cl. 292—275)



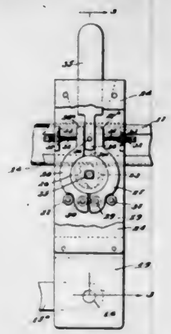
1. An automobile window lock comprising a rack, a lock casing slidably mounted upon said rack, a pinion journalled in said casing and engaged with the under side of said rack, a friction drum solidly fixed to said pinion, a coil spring tightly engaged around said drum, hooked ends formed on said spring, studs located adjacent said hooked ends on said spring being normally out of engagement with said hooked ends, a pivoted lever located above the said hooked ends and normally held out of engagement with said hooked ends, a pivoted lever located above the said first pivoted lever and adapted to depress said first lever against said hooked ends when said second lever is swung to one side or the other of said casing, a pivoted lever attached to the bottom of said casing and adapted to be connected with a window sash operating mechanism.

2,066,287

AUTOMOBILE SASH LOCK

Daniel L. Chandler, Somerville, Mass., assignor, by direct and mesne assignments, of thirteen per cent to Edwin M. Bailey, Swampscott, Mass., twenty-two per cent to George W. Ewing, Peabody, Mass., twenty-two per cent to Eugene B. Fraser, Lynn., Mass., and ten per cent to Eugene B. Fraser, Lynn, Mass., as trustee, twenty-five per cent to Fred H. Rowe, Gloucester, Mass., and eight per cent to William H. Davis, Lynn, Mass.

Application January 17, 1936, Serial No. 59,517
1 Claim. (Cl. 292—280)



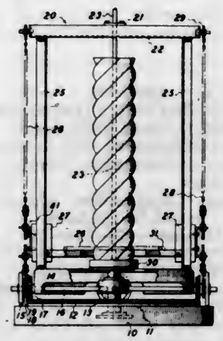
A sliding sash lock for window sashes and the like, the said sash lock comprising in combination, a tubular rack attached to a permanent portion of the frame of said window, rack teeth formed in the bottom flange of said rack, a lock casing slidably mounted over said rack and having a stud fixed thereto the head portion of which is slidably engaged behind top and bottom flanges on said rack between which flanges said stud is adapted to slide, a pinion pivoted in said casing the teeth of which engage with the rack teeth on the bottom flange of said rack, a brake drum located on said casing being solidly connected to said pinion, brake shoes pivoted to said casing and normally surrounding said drum, springs located between the free ends of said brake shoes and lugs formed on said casing and adapted to maintain said brake shoes in a friction engagement with said brake drum when said brake shoes are in a normal position, a hand operating lever the bottom end of which is pivoted on said casing at a point within the free ends of said brake shoes, stop members for said brake shoes located adjacent the pivoted ends of said brake shoes.

2,066,288

APPARATUS FOR MOLDING PIPES, PILLARS, AND OTHER CYLINDRICAL FORMS IN PLASTIC MATERIALS

James Duncan Hall, Rockhampton, Queensland, Australia, assignor to J. D. Hall Plastic Columns Limited, Canberra, Australia, a company of Australia

Application August 1, 1935, Serial No. 34,194
In Australia February 7, 1935
5 Claims. (Cl. 25—1)



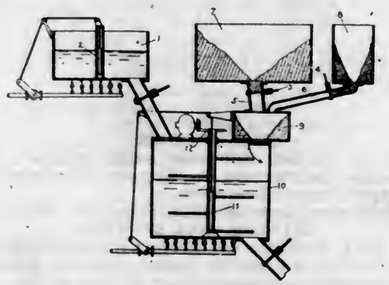
1. Apparatus for the purposes set forth comprising a circular smooth level trackway, a carriage rotatable in a horizontal plane about a fixed centre post at the track centre and supported on wheels running on said smooth trackway, means for rotating said carriage, a top support for a vertical core or mandrel adapted to support the work in progress and disposed coaxial with said fixed centre post, and stricklers mounted on a frame built on said carriage, said stricklers adapted to shape the external surface of a non-rotating body set up in a vertical axial position during rotational movement of the frame.

2,066,289

PROCESS FOR STABILIZING GILSONITE

William Hassard, Vancouver, British Columbia, Canada

Application February 19, 1936, Serial No. 64,629
1 Claim. (Cl. 106—31)



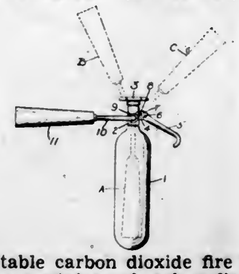
The process of stabilizing gilsonite by heating the same slightly above its melting temperature, slowly mixing therewith a mixture of powdered material rich in magnesium silicates and casein by mechanical mixture with the application of heat, and the addition to the resultant mixture of salt and raw sugar.

2,066,290

FIRE EXTINGUISHING APPARATUS

Valentine J. Hill, Jr., Bloomfield, Henry Ernest Heigis, West Orange, and Archie Towart, Jr., Caldwell, N. J., assignors to Walter Kidde & Company, Inc., Bloomfield, N. J., a corporation of New York

Application January 17, 1935, Serial No. 2,146
2 Claims. (Cl. 169—31)



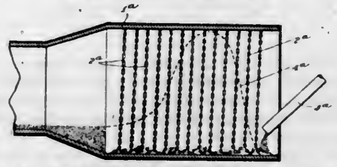
1. A portable carbon dioxide fire extinguisher comprising a container of carbon dioxide, a valve on said container, a discharge outlet on said valve, a substantially L-shaped conducting conduit in continuous communication with said outlet and having a swivelled connection therewith, a carbon dioxide snow producing shield connected to said conduit and adapted to assume a position normally close to the container with its longitudinal axis substantially parallel to the longitudinal axis of the container, said shield being adapted to be rotated with said conduit to any desired position and to be held in such position by friction of the swivelled connection of the conduit to the outlet, a handle pivotally mounted on said valve and adapted to lie normally close to the container with its longitudinal axis substantially parallel to the longitudinal axis of the container and to be extended in use to a position substantially perpendicular to the longitudinal axis of the container, and means on the valve adapted to engage the handle when in its extended position to maintain the substantially perpendicular relationship of the container and the handle during use.

2,066,291

ROTARY KILN

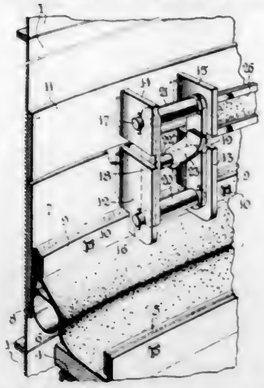
Mikael Vogel-Jorgensen, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y., a corporation of New Jersey

Application August 22, 1935, Serial No. 37,333
In Great Britain August 23, 1934
3 Claims. (Cl. 263—33)



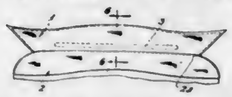
1. In a rotary kiln for the burning of cement raw materials having a kiln shell and heat transmitting chains secured to the shell arranged in a series of successive groups each extending transversely of the kiln, the chains having such slack length that their lower portions will pile up on the bottom of the kiln and being so close together that the portion of each chain so piled up will rest against a piled portion of a chain of the same group whereby the cement material will be caused to accumulate between the chains.

2,066,292
GASHOLDER
Paul M. Kuehn, Baltimore, Md., assignor, by mesne assignments, to Koppers Company, a corporation of Delaware
Application September 9, 1932, Serial No. 632,447
1 Claim. (Cl. 48—176)



In a waterless gas holder, the combination of a shell; a piston-like closure therein; a pair of vertically disposed separated rubbing bars in contact with the inner face of the shell; a pair of fixed spaced brackets extending inwardly from the inner face of each bar; a horizontally disposed pin mounted in and extending between each pair of brackets; connecting links, one for each pair of brackets, mounted for swinging movement on said pins; a shaft connected to the links intermediate their ends; and means associated with said shaft acting at all times to move the shaft toward the shell and as a consequence to apply pressure through the links and brackets to the rubbing bars, whereby the bars may be forced independently toward the shell with a full and fair bearing thereon.

2,066,293
FOLD LINE IN WEARING APPAREL
Benjamin Liebowitz, New York, N. Y., assignor to Trubenizing Process Corporation, New York, N. Y., a corporation of New York
Application July 5, 1935, Serial No. 29,817
10 Claims. (Cl. 2—143)



1. In an article of apparel, a plurality of fabric plies and adhesive means uniting said plies, said adhesive means between at least two of said plies being disrupted along a narrow zone to form a fold line.

2,066,294
METHOD AND APPARATUS FOR FORMING FOLD LINES IN COLLARS AND LIKE ARTICLES
Benjamin Liebowitz, New York, N. Y., assignor to Trubenizing Process Corporation, New York, N. Y., a corporation of New York
Application December 17, 1935, Serial No. 54,801
16 Claims. (Cl. 223—1)

1. The method of forming a fold line or hinge in an article of apparel comprising a plurality of plies adhesively united, which comprises in-



serting a rotating probe between two of the plies to separate the plies along the fold line.

2,066,295
MOISTURE RESISTING COMPOSITION FOR WOOD AND THE LIKE
Frank H. Lyons, Milwaukee, Wis., assignor to E. L. Bruce Company, Memphis, Tenn., a corporation of Delaware
No Drawing. Application June 8, 1931, Serial No. 543,020
7 Claims. (Cl. 134—26)

1. A moisture resisting composition in substantially the following proportions:

Linseed oil	gallons	313
China-wood oil	do	94
Solution containing 60% limed rosin and 40% varnish makers and painters' naphtha	gallons	130
Paraffin wax	pounds	724
Zinc stearate	do	50
Varnish makers and painters' naphtha	gallons	365

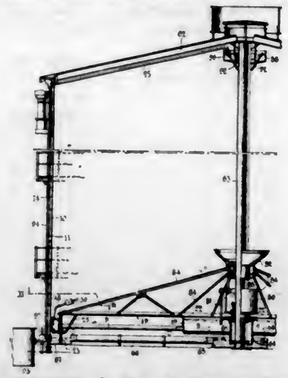
2,066,296
METHOD OF FINISHING FLOORS
Frank H. Lyons, Memphis, Tenn., assignor to E. L. Bruce Company, Memphis, Tenn., a corporation of Delaware
No Drawing. Application April 6, 1932, Serial No. 603,683
8 Claims. (Cl. 91—68)

2. The method of finishing wood floors by applying to the surface of the floor, at room temperatures, a penetrating flooor finish comprising skin forming drying oil as a base and major ingredient, a smaller quantity of a wax in an amount sufficient to substantially increase the moisture resistance of the skin, a smaller quantity of a resin in an amount sufficient to prevent crystallization of the wax and produce a substantially continuous amorphous skin and a solvent mixture of a character and in an amount that will keep all of the ingredients in solution during application.

2,066,297
GASHOLDER
John A. Mason, Baltimore, Md., assignor, by mesne assignments, to Koppers Company, a corporation of Delaware
Application June 30, 1932, Serial No. 620,244
25 Claims. (Cl. 48—174)

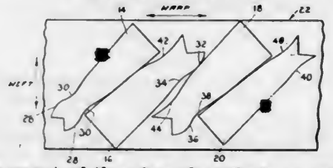
1. In a waterless gas holder, the combination of a shell; a piston-like closure therein; at least one vertically disposed column located within the shell and extending through the closure, said column serving to guide and stabilize the closure in its movements; a reservoir carried by the closure for storing a liquid sealing medium; sealing means between the column and closure; sealing means between the closure and the inner surface of the shell; and means connecting the reservoir with said last named sealing means,

said reservoir and sealing means being so positioned with reference to each other as to main-



tain a common level of the sealing medium therein.

2,066,298
LADY'S GARMENT
Monroe M. Messing, New York, N. Y.
Application January 27, 1936, Serial No. 60,921
1 Claim. (Cl. 2—73)



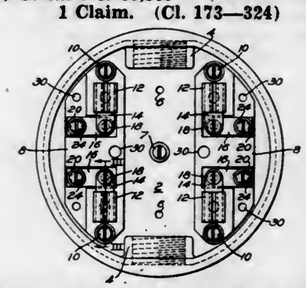
A garment of the class described consisting of a central continuous front panel, a back panel, and two side panels, and devoid of any inserts between the panels, the panels being made of woven material cut on the bias and arranged in the garment so that the warp threads are disposed at an angle to the peripheral line of the garment, each panel having a bodice portion and a skirt portion, the bodice portion of each panel having a V-shaped cut-out portion at the top, extending inwardly and downwardly from the upper corners of the panel, such cut-out portions in the side panels serving as arm holes, each side panel being stitched to one side edge of said front panel and to one side edge of said rear panel for the full length thereof, each of the panels tapering from the bottom edge thereof to the waist line in said bodice portion, the side edges of the bodice portion of said front panel having a double curvature, being similarly convexly curved in their upper portions at both sides in the region of the bust and similarly concavely curved at their lower portions at both sides in the region of the waist line and the edges of the side panels stitched thereto being similarly convexly and concavely curved, the side edges of the bodice portion of the rear panel being concavely curved and the edge portions of the side panels stitched thereto being similarly concavely curved whereby the bust portion of the bodice is enlarged to form breast pockets and the back of the waist line portion of the garment is circumferentially constricted thereby providing a form fitting bodice portion which can stretch and contract about the wearer's body to the maximum obtainable by bias cut material, and narrow shoulder straps connecting the corners formed by the junction of the front panel and side panels with the corners formed by the junction of the rear panel and side panels.

2,066,299
DETACHABLE METER CONSTRUCTION
Walter G. Mylius, Summit, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 19, 1935, Serial No. 2,534
1 Claim. (Cl. 200—2)



In a terminal block, a spring jaw contact device having a pair of spaced resilient portions for receiving a contact blade therebetween in such manner that the resilient portions are spread apart by such blade, an auxiliary contact device associated with said spring jaw contact device comprising a member encircling one of said resilient portions and means for supporting it in such position that part of it between the resilient portions is spaced from both portions when the blade is inserted and engages one of the resilient portions when the blade is withdrawn.

2,066,300
DETACHABLE METER CONSTRUCTION
Walter G. Mylius, Summit, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Original application January 19, 1935, Serial No. 2,534. Divided and this application March 12, 1936, Serial No. 68,389
1 Claim. (Cl. 173—324)

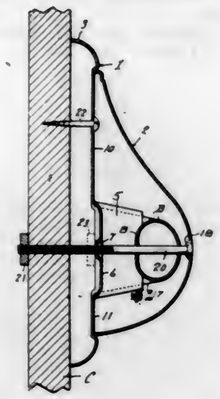


In a terminal block, four equally spaced apertures defining substantially a square, a terminal post and means extending through one aperture for securing it to said block, a contact jaw and means extending through a diagonally opposite aperture for securing it to said block, electrical conductors extending from said post and jaw and having registering openings in the free ends thereof registering with another of said apertures, the construction being such that the jaw and post with their conductors may be rotated 90° toward each other so that the registering openings in the free ends of the conductors will register with the remaining aperture in said block.

2,066,301
HANDLE CONSTRUCTION
Frank F. Plack, Cleveland, Ohio, assignor to The Dickey-Grabler Company, Cleveland, Ohio, a corporation of Ohio
Application March 16, 1936, Serial No. 69,013
10 Claims. (Cl. 16—111)

1. A device of the class described comprising a

base, a cap, a handle bar, and fastening means extending from the cap through said bar and base and projecting beyond the latter thereby



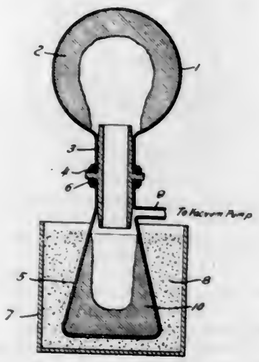
to connect the cap, bar and base together and provide means for attaching the same to an object.

2,066,302

LYOPHILIC BIOLOGICALLY ACTIVE SUBSTANCES, AND PROCESS OF PRODUCING THE SAME

John Reichel, Philadelphia, Pa., assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa., a corporation of Maryland (1929)

Application January 13, 1934, Serial No. 706,547
11 Claims. (Cl. 99—199)



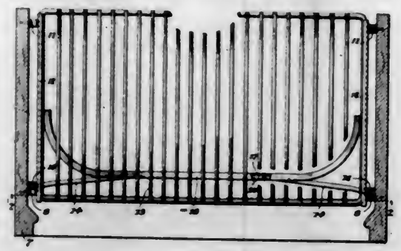
1. As new products, lyophilic sera and other biological substances in a solid state, obtained by the rapid freezing of the liquid substances by indirect exposure to a refrigerant maintained at a temperature of about —70° C. or colder and removal of frozen water from the frozen material under a high vacuum, said substances being porous, sponge-like substances, pieces of which under the microscope present a capillary net-like structure and adapted, when water is added thereto, to form a liquid product similar to the original substance in its biological and therapeutic properties.

2,066,303

REFRIGERATOR SHELF

Walter F. Schulz, Youngstown, Ohio, assignor to Truscon Steel Company, Youngstown, Ohio, a corporation of Michigan

Application October 29, 1935, Serial No. 47,301
3 Claims. (Cl. 211—143)



1. In combination with a sliding shelf and a supporting structure therefor including a stationary wall, an arm pivoted to the stationary wall rearwardly of the front of the shelf and having a free end, and a trackway secured to the shelf and slidably engaging the free end of the arm to cause the arm to be swung outwardly beneath the shelf as the shelf is slid out to afford a support for the extended shelf.

2,066,304

METHOD OF PRODUCING HOLLOW ARTICLE

Charles C. Smith, Cleveland, Ohio, assignor, by mesne assignments, to The W. J. Schoenberger Company, Cleveland, Ohio, a corporation of Ohio

Original application July 9, 1934, Serial No. 734,279, now Patent No. 2,018,094, dated October 22, 1935. Divided and this application December 12, 1934, Serial No. 757,178
11 Claims. (Cl. 29—148.2)



1. The method of producing a hollow article which consists of cutting two flat blanks, forming said blanks into channel shape, assembling said blanks with their flanges extending in the same direction and interlocking the flanges of said channels, and then pressing plugs into the ends of the space formed by said channels.

2,066,305

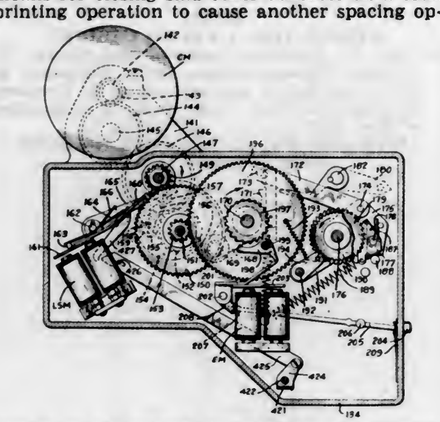
RECORD FEEDING DEVICE

Fred M. Carroll, Yonkers, N. Y., and John H. Bakelaar, Paterson, N. J., assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application March 3, 1933, Serial No. 659,442
8 Claims. (Cl. 235—92)

1. In a machine of the class described, accumulating devices, means for entering amounts into said devices, means for printing a record of said amounts on a record sheet, means under control of said accumulating devices for controlling said printing means to print a total of said amounts, devices for feeding the record sheet, a magnet for controlling the operation of

said feeding devices, contacts selectively connected with said magnet, means for closing said contacts on a total printing operation to energize the magnet to cause a spacing operation of the feeding devices before total printing, other contacts selectively connected with said magnet, means for closing said other contacts on a total printing operation to cause another spacing op-



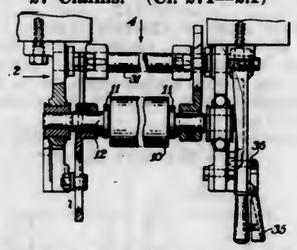
eration of the feeding devices before total printing, and devices for selectively connecting one or both of said contacts to said magnet to cause single or double spacing of said sheet before total printing.

2,066,306

WEB GUIDING ROLLER SUPPORT

Albert J. Horton, White Plains, N. Y., assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York

Application May 21, 1932, Serial No. 612,699
27 Claims. (Cl. 271—2.1)



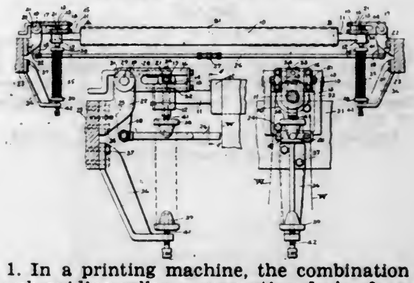
1. In a printing machine, in combination, a roller and a supporting device for said roller adjustable to permit its axis to pivot at a plurality of points and under the center of a web variably positionable thereon and maintain equal tension on both edges of said web.

2,066,307

WEB FEEDING MECHANISM

Albert J. Horton, White Plains, N. Y., assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York

Application June 7, 1935, Serial No. 25,389
23 Claims. (Cl. 271—2.1)



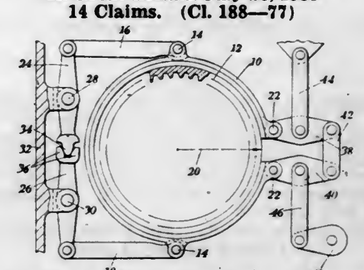
1. In a printing machine, the combination of a web guiding roller, a supporting device for said roller adjustable to position said roller to permit it to swing about any one of a plurality of transverse axes spaced apart longitudinally along, and disposed substantially in line with, the surface of said roller, and means to adjust said supporting device.

2,066,308

BAND BRAKE

Laurence Henry Pomeroy, Leamington, and Albert Vere Oliver, Coventry, England, assignors to The Daimler Company Limited, Coventry, England, a British company

Application February 11, 1935, Serial No. 6,020
In Great Britain July 26, 1933
14 Claims. (Cl. 188—77)

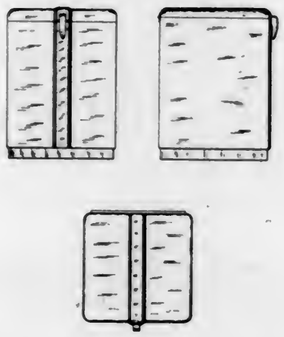


1. In a braking mechanism having a drum and a brake band, means to prevent rotative movement of the band with the drum, said means comprising a pair of supports, a pair of levers of constantly equal effective lengths and being operatively connected with each other, one end of one lever being connected to one of said supports and one end of the other lever being connected to the other support.

DESIGNS

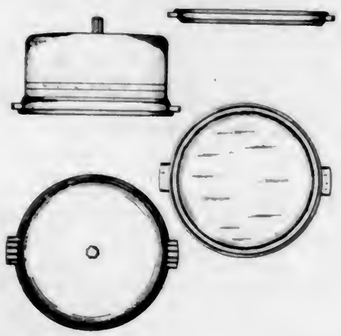
DECEMBER 29, 1936

102,509
DESIGN FOR A CANISTER
George W. Stallings, Jackson, and George W. Walker, Pleasant Ridge, Mich., assignors, by direct and mesne assignments, to A. Kreamer, Incorporated, New York, N. Y., a corporation of New York
Application May 22, 1936, Serial No. 62,784
Term of patent 14 years



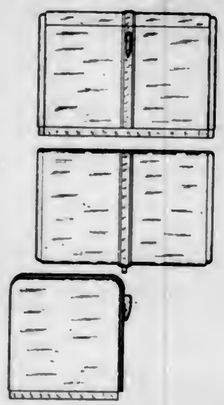
The ornamental design for a canister, as shown.

102,510
DESIGN FOR A COMBINED CAKE SERVER AND TRAY THEREFOR
George W. Stallings, Jackson, and George W. Walker, Pleasant Ridge, Mich., assignors, by direct and mesne assignments, to A. Kreamer, Incorporated, New York, N. Y., a corporation of New York
Application May 22, 1936, Serial No. 62,786
Term of patent 14 years



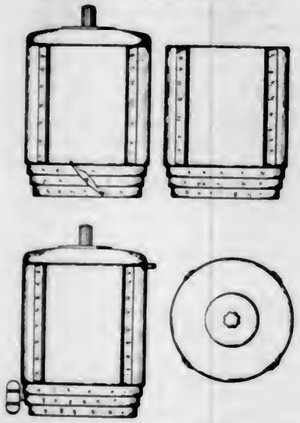
The ornamental design for a combined cake server and tray therefor, as shown.

102,511
DESIGN FOR A BREAD CABINET
George W. Stallings, Jackson, and George W. Walker, Pleasant Ridge, Mich., assignors, by direct and mesne assignments, to A. Kreamer, Incorporated, New York, N. Y., a corporation of New York
Application May 22, 1936, Serial No. 62,787
Term of patent 14 years



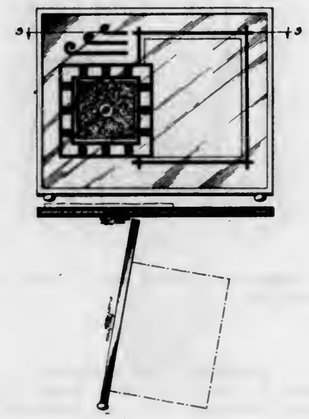
The ornamental design for a bread cabinet, as shown.

102,512
DESIGN FOR A REFUSE RECEPTACLE
George W. Stallings, Jackson, and George W. Walker, Pleasant Ridge, Mich., assignors, by direct and mesne assignments, to A. Kreamer, Incorporated, New York, N. Y., a corporation of New York
Application May 22, 1936, Serial No. 62,788
Term of patent 14 years



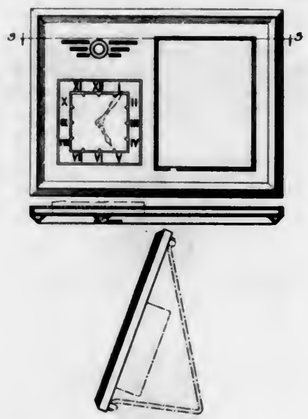
The ornamental design for a refuse receptacle, as shown.

102,513
DESIGN FOR A CLOCK
Paul Schuyler Van Bloem, Great Neck, N. Y.
Application April 23, 1936, Serial No. 62,259
Term of patent 3½ years



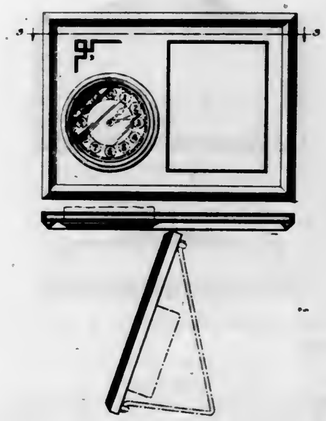
The ornamental design for a clock, as shown and described.

102,514
DESIGN FOR A CLOCK
Paul Schuyler Van Bloem, Great Neck, N. Y.
Application May 1, 1936, Serial No. 62,397
Term of patent 3½ years



The ornamental design for a clock, as shown and described.

102,515
DESIGN FOR A CLOCK
Paul Schuyler Van Bloem, Great Neck, N. Y.
Application May 1, 1936, Serial No. 62,398
Term of patent 3½ years



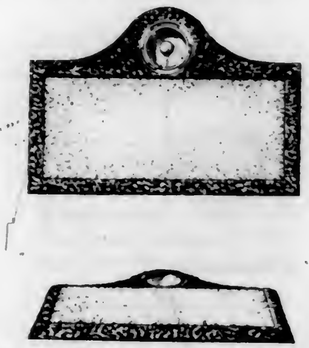
The ornamental design for a clock, as shown and described.

102,516
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Peter S. Schwartz, New York, N. Y., assignor to Du Barry Fabrics Corp., New York, N. Y.
Application December 10, 1936, Serial No. 66,457
Term of patent 3½ years



The ornamental design for a textile fabric or similar article as shown and described.

102,517
DESIGN FOR A GRAVE MARKER
Luther B. Seibert, Greensburg, and Noble Neilan Williams, Pittsburgh, Pa.
Application April 28, 1936, Serial No. 62,352
Term of patent 14 years



The ornamental design for a grave marker, as shown.

102,518
DESIGN FOR A GRAVE MARKER
Luther B. Seibert, Greensburg, and Noble Neilan Williams, Pittsburgh, Pa.
Application April 28, 1936, Serial No. 62,353
Term of patent 14 years

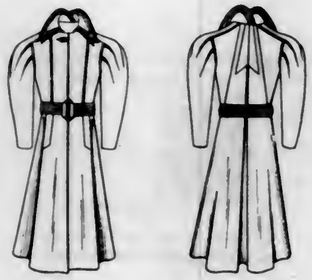
The ornamental design for a grave marker, as shown.

102,519
DESIGN FOR A COAT
Jacob A. Silverman, New York, N. Y.
Application November 27, 1936, Serial No. 66,150
Term of patent 3½ years



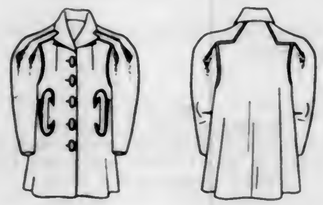
The ornamental design for a coat, substantially as shown.

102,520
DESIGN FOR A COAT
Jacob A. Silverman, New York, N. Y.
Application November 28, 1936, Serial No. 66,177
Term of patent 3½ years



The ornamental design for a coat, substantially as shown.

102,521
DESIGN FOR A COAT
Jacob A. Silverman, New York, N. Y.
Application November 28, 1936, Serial No. 66,178
Term of patent 3½ years



The ornamental design for a coat, substantially as shown.

102,522
DESIGN FOR A HALTER
Jacob Solomon, New York, N. Y.
Application November 20, 1936, Serial No. 66,032
Term of patent 3½ years



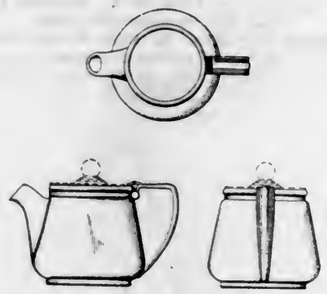
The ornamental design for a halter, substantially as shown.

102,523
DESIGN FOR A HALTER
Jacob Solomon, New York, N. Y.
Application November 20, 1936, Serial No. 66,033
Term of patent 3½ years



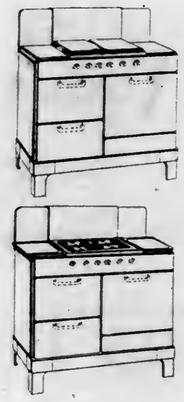
The ornamental design for a halter substantially as shown.

102,524
DESIGN FOR A TEAPOT OR THE LIKE
Frederick William Stark, Meriden, Conn., assignor to International Silver Company, Meriden, Conn., a corporation of New Jersey
Application September 18, 1936, Serial No. 64,914
Term of patent 14 years



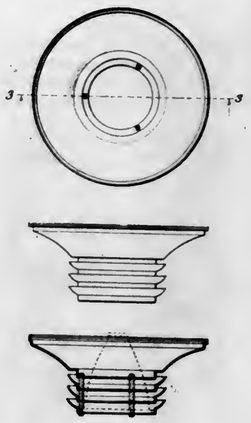
The ornamental design for a teapot or the like, substantially as shown.

102,525
DESIGN FOR A RANGE
Arthur Stockstrom and Almer H. Brodbeck, St. Louis, Mo., assignors to American Stove Company, St. Louis, Mo., a corporation of New Jersey
Application August 4, 1936, Serial No. 64,246
Term of patent 14 years



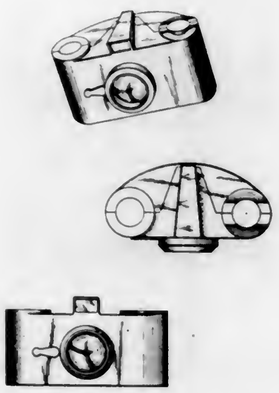
The ornamental design for a range as shown and described.

102,526
DESIGN FOR A LIGHTING FIXTURE
Joseph Stutz, Los Angeles, Calif., assignor to Solar Lighting Fixture Company, Los Angeles, Calif., a corporation of California
Application November 23, 1936, Serial No. 66,092
Term of patent 7 years



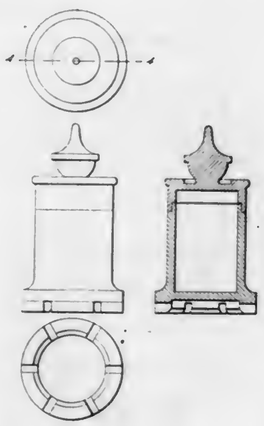
The ornamental design for a lighting fixture, as shown and described.

102,527
DESIGN FOR A CAMERA CASING
Walter D. Teague, New York, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application November 21, 1936, Serial No. 66,058
Term of patent 14 years



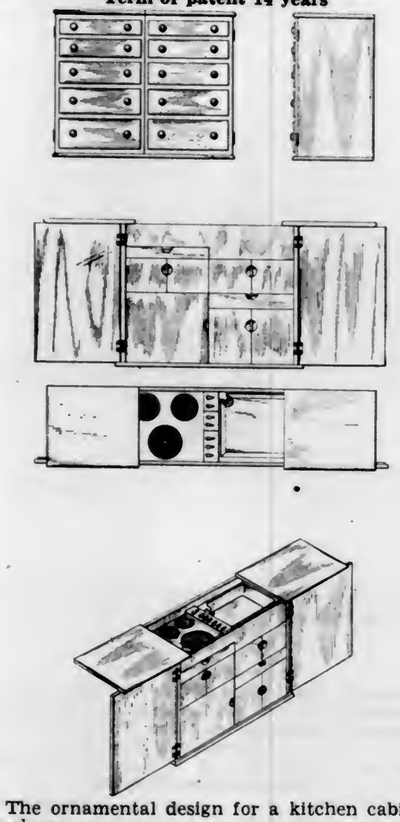
The ornamental design for a camera casing, as shown.

102,528
DESIGN FOR A BOX
Edgar Allen Terrell, Charlotte, N. C.
Application November 14, 1936, Serial No. 65,912
Term of patent 3½ years



The ornamental design for a box, substantially as shown.

102,529
DESIGN FOR A KITCHEN CABINET
Norma A. Tod, Los Angeles, Calif.
Application October 12, 1936, Serial No. 65,265
Term of patent 14 years



The ornamental design for a kitchen cabinet, as shown.

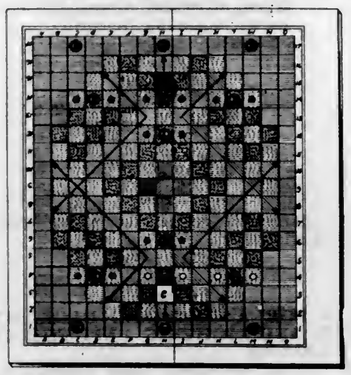
102,530
DESIGN FOR A SHOE
Alfred Vamos, New York, N. Y., assignor to Selby Shoe Co., Portsmouth, Ohio
Application November 17, 1936, Serial No. 65,978
Term of patent 3½ years





The ornamental design for a shoe substantially as shown.

102,531
DESIGN FOR A GAME BOARD
Gerard L. Van der Hoeven, Taylorsville, Calif.
Application April 8, 1936, Serial No. 62,017
Term of patent 14 years



The ornamental design for a game board as shown and described.

102,532
DESIGN FOR AN ATOMIZER CASE
Frederic A. Vuillemenot, Toledo, Ohio
Application October 23, 1936, Serial No. 65,451
Term of patent 7 years



The ornamental design for an atomizer case, substantially as shown.

102,533
DESIGN FOR A DOLL
Gertrude Wanderman, New York, N. Y., assignor to Knickerbocker Toy Co., New York, N. Y.
Application November 9, 1936, Serial No. 65,790
Term of patent 7 years



The ornamental design for a doll, as shown.

102,534
DESIGN FOR A TOY DOLL
Gertrude Wanderman, New York, N. Y., assignor to Knickerbocker Toy Co., New York, N. Y.
Application November 9, 1936, Serial No. 65,791
Term of patent 7 years



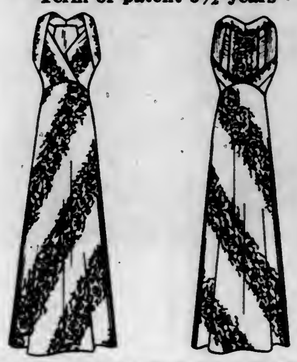
The ornamental design for a toy doll, as shown.

102,535
DESIGN FOR A TOY DOLL
Gertrude Wanderman, New York, N. Y., assignor to Knickerbocker Toy Co., New York, N. Y.
Application November 9, 1936, Serial No. 65,792
Term of patent 7 years



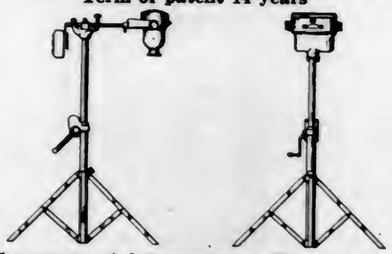
The ornamental design for a toy doll, as shown.

102,536
DESIGN FOR A NIGHTGOWN
Harry Weisman, New York, N. Y.
Application November 27, 1936, Serial No. 66,155
Term of patent 3½ years



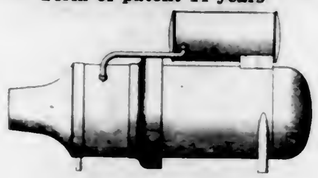
The ornamental design for a nightgown, substantially as shown.

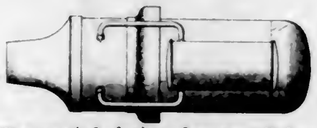
102,537
DESIGN FOR AN X-RAY UNIT
Wilbur S. Werner, South Fort Mitchell, Ky., assignor to The Kelley-Koett Manufacturing Company, Incorporated, Covington, Ky., a corporation of Ohio
Application October 7, 1936, Serial No. 65,193
Term of patent 14 years



The ornamental design for an X-ray unit, substantially as shown.

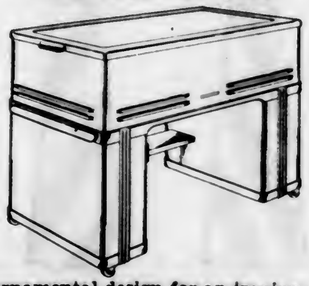
102,538
DESIGN FOR AN OIL BURNER OR SIMILAR ARTICLE
Roland E. Wilcox, Chicago, and Merton Wilcox, Palatine, Ill.
Application September 30, 1936, Serial No. 65,096
Term of patent 14 years





The ornamental design for an oil burner or similar article, substantially as shown.

102,539
DESIGN FOR AN IRONING MACHINE CABINET
Henry W. Altorfer, Peoria, Ill.
Application October 23, 1936, Serial No. 65,461
Term of patent 14 years



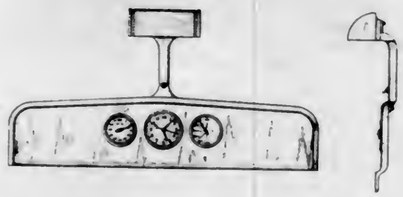
The ornamental design for an ironing machine cabinet, as shown and described.

102,540
DESIGN FOR A NONGLARE REFLECTOR
William L. Bear and George R. Walker, Dayton, Ohio
Application November 5, 1936, Serial No. 65,718
Term of patent 14 years



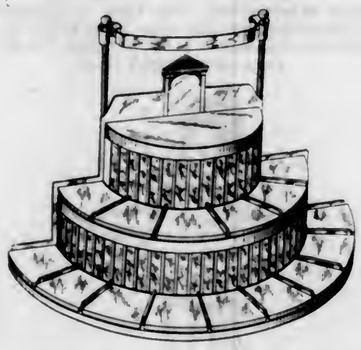
The ornamental design for a non-glare reflector, as shown.

102,541
DESIGN FOR A COMBINED BACK SPLASH PANEL AND LIGHTING UNIT FOR COOKING RANGES
Joseph Becvar, Wickliffe, Ohio, assignor to The Cleveland Cooperative Stove Company, Cleveland, Ohio, a corporation of Ohio
Application November 14, 1935, Serial No. 59,567
Term of patent 3½ years



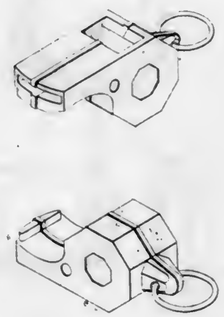
The ornamental design for a combined back splash panel and lighting unit for cooking ranges as shown.

102,542
DESIGN FOR AN ILLUMINATED DISPLAY STAND FOR BOTTLES
Adolph Berman, New York, N. Y.
Application March 30, 1936, Serial No. 61,861
Term of patent 3½ years



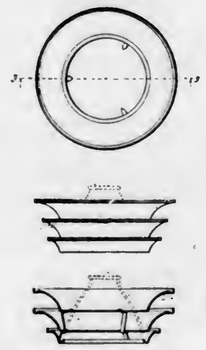
The ornamental design for an illuminated display stand for bottles, as shown and described.

102,543
DESIGN FOR A WHISTLE
Thomas F. Butterfield, Watertown, Conn., assignor to Field Manufacturing Company, Inc., New York, N. Y., a corporation of New York
Application October 22, 1935, Serial No. 59,172
Term of patent 14 years



The ornamental design for a whistle as shown.

102,544
DESIGN FOR A LIGHTING FIXTURE
Arthur R. Butterworth, Los Angeles, Calif., assignor to Solar Lighting Fixture Company, Los Angeles, Calif., a corporation of California
Application July 21, 1936, Serial No. 63,964
Term of patent 7 years



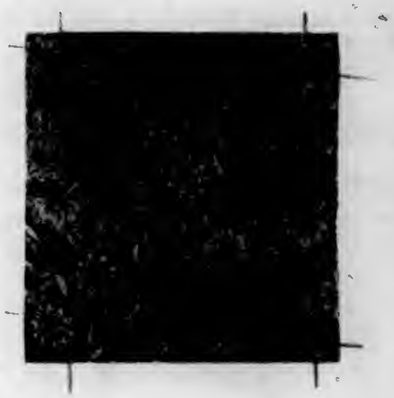
The ornamental design for a lighting fixture, as shown and described.

102,545
DESIGN FOR A TEXTILE FABRIC
Herman Chopak, New York, N. Y.
Application December 1, 1936, Serial No. 66,217
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown, and described.

102,546
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Marcel Christen, New York, N. Y., assignor to Yale Fabrics Corp., New York, N. Y.
Application December 7, 1936, Serial No. 66,359
Term of patent 3½ years



The ornamental design for a textile fabric or similar article as shown and described.

102,547
DESIGN FOR A BLOUSE
Tora Coleman, New York, N. Y.
Application November 27, 1936, Serial No. 66,156
Term of patent 3½ years



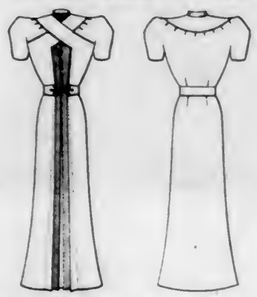
The ornamental design for a blouse, as shown and described.

102,548
DESIGN FOR A DRESS
Tora Coleman, New York, N. Y.
Application November 27, 1936, Serial No. 66,158
Term of patent 3½ years



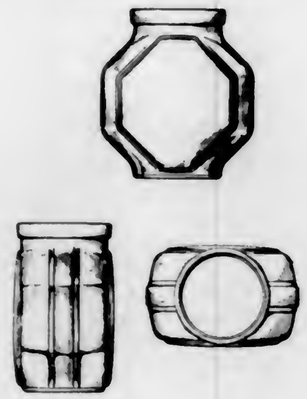
The ornamental design for a dress, as shown and described.

102,549
DESIGN FOR A DRESS
Tora Coleman, New York, N. Y.
Application November 27, 1936, Serial No. 66,160
Term of patent 3½ years



The ornamental design for a dress, as shown and described.

102,550
DESIGN FOR A FISH JAR
Michael S. Desser and Edwin W. Fuerst, Toledo, Ohio, assignors to Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio
Application November 10, 1936, Serial No. 65,818
Term of patent 14 years



The ornamental design for a fish jar, substantially as shown.

102,551
DESIGN FOR A BUCKLE
John B. Freysinger, New Britain, Conn.
Application October 21, 1936, Serial No. 65,395
Term of patent 3½ years



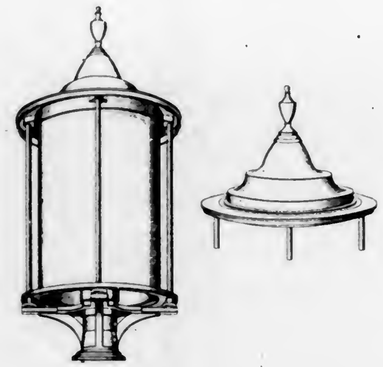
The ornamental design for a buckle as shown.

102,552
DESIGN FOR A BLOUSE
Irving Geist, New York, N. Y.
Application November 24, 1936, Serial No. 66,105
Term of patent 3½ years



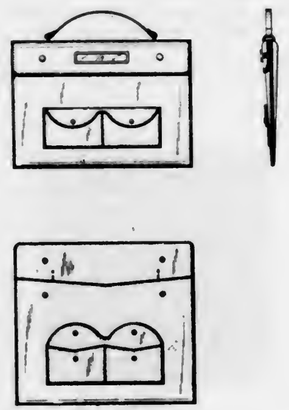
The ornamental design for a blouse, substantially as shown.

102,553
DESIGN FOR A LUMINAIR
Joseph W. Gosling, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application October 16, 1936, Serial No. 65,321
Term of patent 14 years



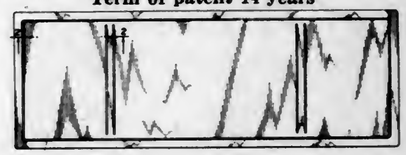
The ornamental design for a luminair, as shown.

102,554
DESIGN FOR A SCHOOL CASE OR SIMILAR ARTICLE
Henry Hassenfeld, Providence, R. I.
Application June 18, 1936, Serial No. 63,363
Term of patent 7 years



The ornamental design for a school case or similar article, as shown.

102,555
DESIGN FOR A COVER FOR SHINGLE BUNDLE
Harry W. Holland, Elizabeth, N. J., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
Application November 3, 1936, Serial No. 65,678
Term of patent 14 years



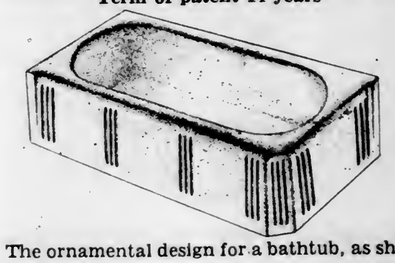
The ornamental design for a cover for shingle bundle, as shown.

102,556
DESIGN FOR A DECK OF PLAYING CARDS
John Scott Kelly, Detroit, Mich.
Application March 10, 1936, Serial No. 61,551
Term of patent 14 years



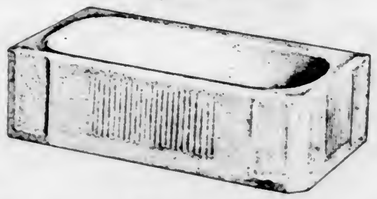
The ornamental design for a deck of playing cards, as shown and described.

102,557
DESIGN FOR A BATHTUB
Walter J. Kohler, Kohler, Wis., and Gerald K. Geerlings, New Canaan, Conn.
Application August 29, 1936, Serial No. 64,630
Term of patent 14 years



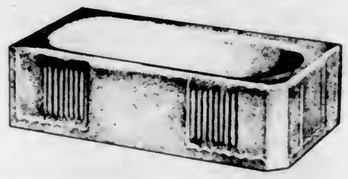
The ornamental design for a bathtub, as shown.

102,558
DESIGN FOR A BATHTUB
Walter J. Kohler, Kohler, Wis., and Gerald K. Geerlings, New Canaan, Conn.
Application August 31, 1936, Serial No. 64,654
Term of patent 14 years



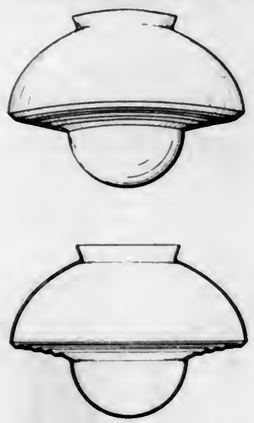
The ornamental design for a bathtub, as shown.

102,559
DESIGN FOR A BATHTUB
Walter J. Kohler, Kohler, Wis., and Gerald K. Geerlings, New Canaan, Conn.
Application September 2, 1936, Serial No. 64,694
Term of patent 14 years



The ornamental design for a bath tub, as shown.

102,560
DESIGN FOR A LIGHTING FIXTURE BOWL OR SIMILAR ARTICLE
Nicholas Kopp, Pittsburgh, Pa., assignor to Kopp Glass, Incorporated, Swissvale, Pa., a corporation of Pennsylvania
Application October 17, 1936, Serial No. 65,339
Term of patent 14 years



The ornamental design for a lighting fixture bowl or similar article, as shown.

102,561
DESIGN FOR A GLOW LAMP
Thomas Lamb, New York, N. Y., assignor, by mesne assignments, to Birdseye Electric Corporation, Dover, Del., a corporation of Delaware
Application October 12, 1935, Serial No. 58,956
Term of patent 14 years



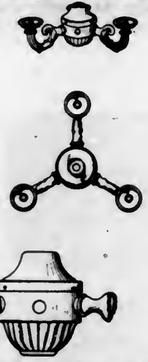
The ornamental design for a glow lamp substantially as shown and described.

102,562
DESIGN FOR A LEATHER FABRIC OR SIMILAR ARTICLE
Aaron Landis, Elizabeth, N. J.
Application October 12, 1936, Serial No. 65,261
Term of patent 3½ years



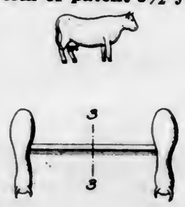
The ornamental design for a leather fabric or similar article substantially as shown.

102,563
DESIGN FOR A LIGHTING FIXTURE OR SIMILAR ARTICLE
Alfred E. Larsen, Chicago, Ill.
Application June 15, 1936, Serial No. 63,303
Term of patent 3½ years



The ornamental design for a lighting fixture or similar article as shown and described.

102,564
DESIGN FOR A TABLE UTENSIL REST
Frank E. A. Larson, Washington, D. C.
Application October 16, 1936, Serial No. 65,330
Term of patent 3½ years



The ornamental design for a table utensil rest, as shown.

102,565
DESIGN FOR A SHOE
David Levin, New York, N. Y., assignor to Selby Shoe Co., Portsmouth, Ohio
Application November 17, 1936, Serial No. 65,971
Term of patent 3½ years



The ornamental design for a shoe, substantially as shown.

102,566
DESIGN FOR A SHOE
David Levin, New York, N. Y., assignor to Selby Shoe Co., Portsmouth, Ohio
Application November 17, 1936, Serial No. 65,972
Term of patent 3½ years



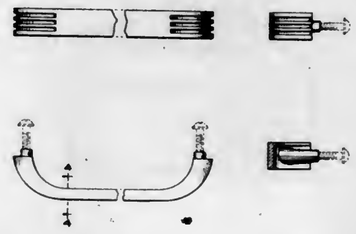
The ornamental design for a shoe, substantially as shown.

102,567
DESIGN FOR A SHOE
David Levin, New York, N. Y., assignor to Selby Shoe Co., Portsmouth, Ohio
Application November 17, 1936, Serial No. 65,973
Term of patent 3½ years



The ornamental design for a shoe substantially as shown.

102,568
DESIGN FOR A DRAWER PULL
Raymond H. Martin, Bridgeport, Conn., assignor to The Bassick Company, Bridgeport, Conn., a corporation of Connecticut
Application January 22, 1936, Serial No. 60,729
Term of patent 3½ years



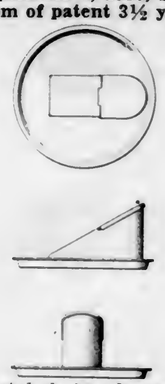
The ornamental design for a drawer pull, as shown and described.

102,569
DESIGN FOR A BOTTLE
George N. Mas, Lynchburg, Va.
Application August 8, 1936, Serial No. 64,309
Term of patent 14 years



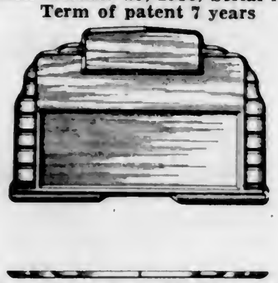
The ornamental design for a bottle, as shown and described.

102,570
DESIGN FOR A POURING LID
William A. McNeel, Hershey, Nebr.
Application September 2, 1936, Serial No. 64,700
Term of patent 3½ years



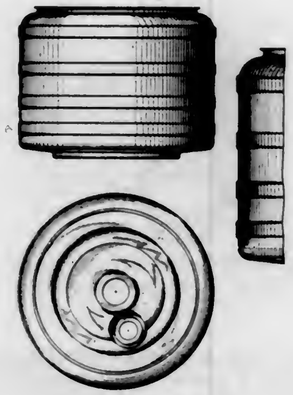
The ornamental design for a pouring lid as shown.

102,571
DESIGN FOR A DESK CALENDAR
Carlyle N. Montanye, Glyndon, Md.
Application October 29, 1936, Serial No. 65,593
Term of patent 7 years



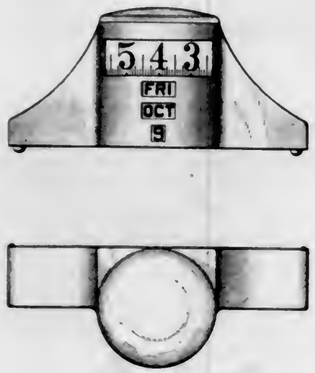
The ornamental design for a desk calendar, as shown.

102,572
DESIGN FOR DOMESTIC WASHING MACHINE TUB
Charles E. Morgenstern, Binghamton, N. Y., assignor to Nineteen Hundred Corporation, Binghamton, N. Y., a corporation of New York
Application July 16, 1935, Serial No. 57,675
Term of patent 14 years



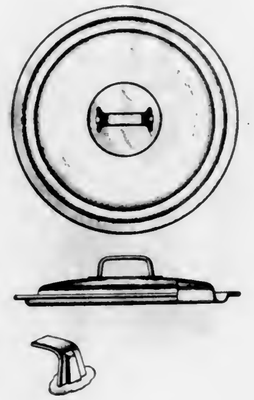
The ornamental design for a domestic washing machine tub, as shown and described.

102,573
DESIGN FOR A COMBINATION CLOCK AND CALENDAR
Joseph C. Morris, Chicago, Ill.
Application November 11, 1936, Serial No. 65,842
Term of patent 7 years



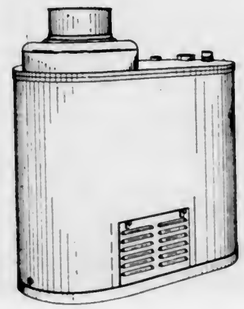
The ornamental design for a combination clock and calendar, as shown and described.

102,574
DESIGN FOR A KETTLE COVER
Andrew W. Nelson, Terre Haute, Ind., assignor to Columbian Enameling & Stamping Co., Terre Haute, Ind., a corporation of Indiana
Application May 18, 1936, Serial No. 62,691
Term of patent 7 years



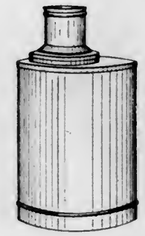
The ornamental design for a kettle cover, as shown and described.

102,575
DESIGN FOR A SPRAYING APPARATUS CASING
Frank W. Ofeldt, McKeesport, Pa., assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa., a corporation of Pennsylvania
Application June 29, 1936, Serial No. 63,562
Term of patent 14 years



The ornamental design for a spraying apparatus casing, as shown and described.

102,576
DESIGN FOR A SPRAYING APPARATUS CASING
Frank W. Ofeldt, McKeesport, Pa., assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa., a corporation of Pennsylvania
Application November 7, 1936, Serial No. 65,774
Term of patent 14 years



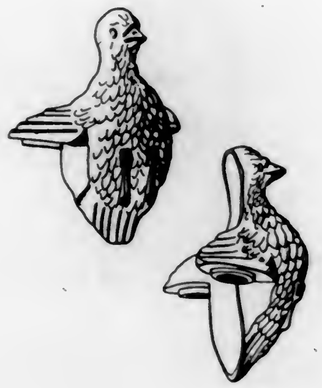
The ornamental design for a spraying apparatus casing, as shown and described.

102,577
DESIGN FOR A DRESS
David William Price, New York, N. Y.
Application November 24, 1936, Serial No. 66,106
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

102,578
DESIGN FOR A DEFLECTOR FOR INFANTS' TOILET SEATS
Maurice Sacheroff, East Cleveland, Ohio
Application August 28, 1936, Serial No. 64,618
Term of patent 14 years



The ornamental design for a deflector for infants' toilet seats, as shown.

102,579
DESIGN FOR A SHOE
Theodore Samuels, St. Louis, Mo.
Application November 17, 1936, Serial No. 65,975
Term of patent 3½ years



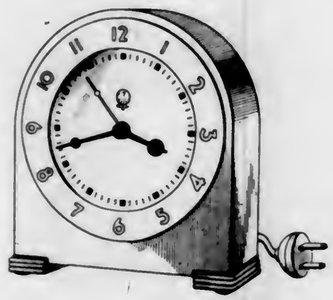
The ornamental design for a shoe substantially as shown.

102,580
DESIGN FOR A SHOE
Theodore Samuels, St. Louis, Mo.
Application November 17, 1936, Serial No. 65,974
Term of patent 3½ years



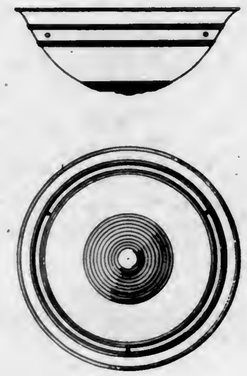
The ornamental design for a shoe substantially as shown.

102,581
DESIGN FOR A CLOCK CASING
Max Schlenker, La Salle, and Joseph A. Reinhardt, Peru, Ill., assignors to General Time Instruments Corporation, New York, N. Y., a corporation of Delaware
Application October 17, 1936, Serial No. 65,344
Term of patent 7 years



The ornamental design for a clock casing, as shown.

102,582
DESIGN FOR A TRANSLUCENT REFLECTOR FOR ELECTRIC LIGHTING FIXTURES
George Ainsworth, New York, N. Y.
Application April 2, 1936, Serial No. 61,906
Term of patent 14 years



The ornamental design for a translucent reflector for electric lighting fixtures, substantially as shown.

102,583
DESIGN FOR A TEXTILE FABRIC
Herman Chopak, New York, N. Y.
Application December 3, 1936, Serial No. 66,279
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown, and described.

102,584
DESIGN FOR A TEXTILE FABRIC
Herman Chopak, New York, N. Y.
Application December 4, 1936, Serial No. 66,307
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown, and described.

102,585
DESIGN FOR A TEXTILE FABRIC
Herman Chopak, New York, N. Y.
Application December 4, 1936, Serial No. 66,308
Term of patent 3½ years



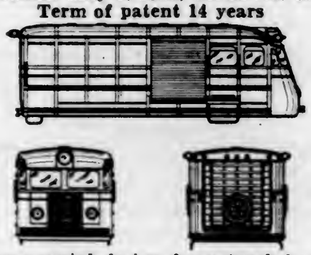
The ornamental design for a textile fabric, substantially as shown, and described.

102,586
DESIGN FOR A LACE
Bert Edson, Pawtucket, R. I.
Application December 9, 1936, Serial No. 66,398
Term of patent 3½ years



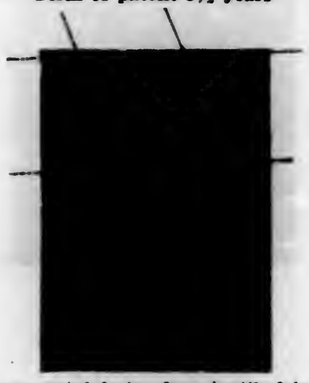
The ornamental design for a lace substantially as shown.

102,587
DESIGN FOR A TRUCK BODY
Ralph H. Greegor, Columbus, Ohio, assignor to General Door Company, Reno, Nev., a corporation of Nevada
Application May 8, 1936, Serial No. 62,556
Term of patent 14 years



The ornamental design for a truck body substantially as shown and described.

102,588
DESIGN FOR A TEXTILE FABRIC
Eugene Irving Hanson, New York, N. Y.
Application October 23, 1936, Serial No. 65,436
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

102,589
DESIGN FOR A TEXTILE FABRIC
Arthur S. Heiman, New York, N. Y.
Application December 5, 1936, Serial No. 66,327
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

102,590
DESIGN FOR A TEXTILE FABRIC
Arthur S. Heiman, New York, N. Y.
Application December 5, 1936, Serial No. 66,328
Term of patent 3½ years



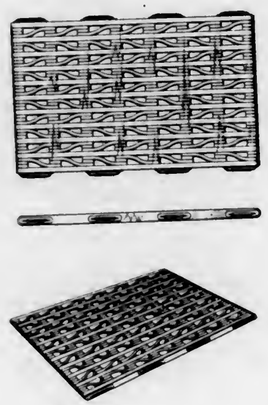
The ornamental design for a textile fabric, substantially as shown and described.

102,591
DESIGN FOR A FRAMED EMBLEM OR SIMILAR ARTICLE
Viola T. Howard, Saylesville, R. I., assignor to Swank Products, Inc., Attleboro, Mass., a corporation of Delaware
Application August 27, 1936, Serial No. 64,590
Term of patent 7 years



The ornamental design for a framed emblem or similar article substantially as shown and described.

102,592
DESIGN FOR A MAT
Isaac Klaff, Norfolk, Va., assignor to Louis Klaff, Norfolk, Va.
Application November 2, 1936, Serial No. 65,651
Term of patent 14 years



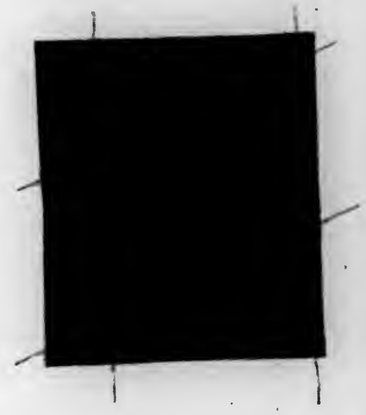
The ornamental design for a mat, as shown.

102,593
DESIGN FOR A TEXTILE FABRIC
Milton Morris, New York, N. Y.
Application December 5, 1936, Serial No. 66,330
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

102,594
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Paul Reiman, New York, N. Y., assignor to Cohn-Hall-Marx Co., New York, N. Y.
Application December 4, 1936, Serial No. 66,302
Term of patent 3½ years



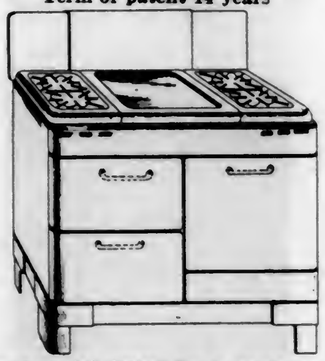
The ornamental design for a textile fabric or similar article as shown.

102,595
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Willard D. Roberson, New York, N. Y., assignor to Morton D. Kornfeld, New York, N. Y.
Application December 9, 1936, Serial No. 66,392
Term of patent 3½ years



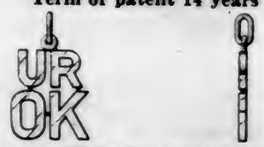
The ornamental design for a textile fabric or similar article as shown and described.

102,596
DESIGN FOR A RANGE
Arthur Stockstrom and Almer H. Brodbeck, St. Louis, Mo., assignors to American Stove Company, St. Louis, Mo., a corporation of New Jersey
Application August 4, 1936, Serial No. 64,245
Term of patent 14 years



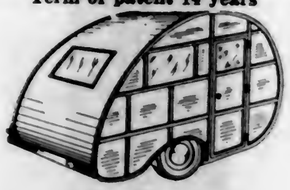
The ornamental design for a range as shown and described.

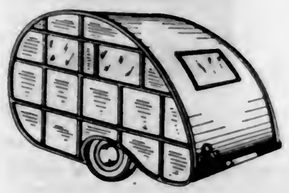
102,597
DESIGN FOR A CHARM OR SIMILAR ARTICLE OF JEWELRY
Felix B. Vollman, Rockaway Park, N. Y.
Application March 30, 1935, Serial No. 56,139
Term of patent 14 years



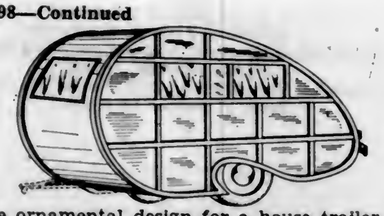
The ornamental design for a charm or similar article of jewelry, as shown and described.

102,598
DESIGN FOR A HOUSE TRAILER
Ralph H. Wise, South Bend, Ind., assignor to Edwards Iron Works, Incorporated, South Bend, Ind., a corporation of Indiana
Application September 17, 1936, Serial No. 64,908
Term of patent 14 years



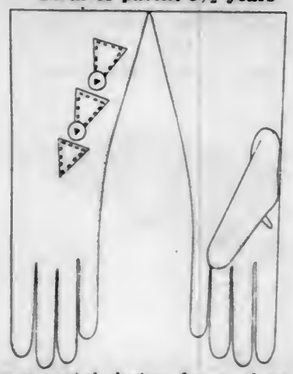


102,598—Continued



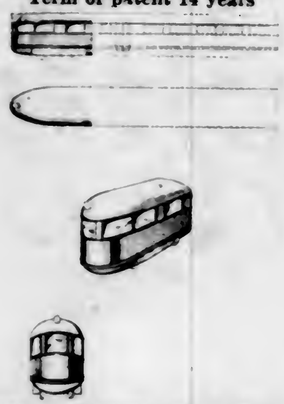
The ornamental design for a house trailer as shown.

102,599
DESIGN FOR A GLOVE
Wallace E. Meyers, New York, N. Y.
Application December 3, 1936, Serial No. 66,281
Term of patent 3½ years



The ornamental design for a glove, substantially as shown.

102,600
DESIGN FOR A REAR CAR OF A RAIL VEHICLE
Earl J. W. Ragsdale, Norristown, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
Original application April 23, 1934, Serial No. 51,486. Design No. 98,133, dated January 7, 1936. Divided and this application December 9, 1935, Serial No. 59,982
Term of patent 14 years



The ornamental design for a rear car of a rail vehicle substantially as shown and described.

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